

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092652.D
 Acq On : 30 Jan 2017 23:49
 Operator : SJ/MA
 Sample : I1553-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:45:55 PM

Quant Time: Jan 31 01:37:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161148	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	635118	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	352284	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	569934	20.00	ng	0.00
75) Chrysene-d12	14.13	240	417186	20.00	ng	-0.01
86) Perylene-d12	15.61	264	332092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1337247	142.37	ng	0.01
7) Phenol-d6	6.61	99	1691498	139.96	ng	0.01
23) Nitrobenzene-d5	7.53	82	1064865	93.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	372107	146.04	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1937480	99.64	ng	0.00
78) Terphenyl-d14	13.08	244	1537324	86.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	240819	47.45	ng	86
3) Pyridine	3.44	79	355836	27.57	ng	# 81
4) n-Nitrosodimethylamine	3.39	42	346249	57.14	ng	85
6) Aniline	6.62	93	430414	26.11	ng	# 67
8) 2-Chlorophenol	6.75	128	488476	47.14	ng	96
9) Benzaldehyde	6.51	77	205577	23.74	ng	94
10) Phenol	6.62	94	782255	55.32	ng	84
11) bis(2-Chloroethyl)ether	6.69	93	523361	46.37	ng	89
12) 1,3-Dichlorobenzene	6.90	146	539058	44.41	ng	# 91
13) 1,4-Dichlorobenzene	6.98	146	578102	47.06	ng	96
14) 1,2-Dichlorobenzene	7.14	146	527768m	44.93	ng	
15) Benzyl Alcohol	7.10	79	425267	47.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	850350	43.37	ng	95
17) 2-Methylphenol	7.23	107	447803	50.37	ng	98
18) Hexachloroethane	7.47	117	194805	46.45	ng	# 87
19) n-Nitroso-di-n-propylamine	7.38	70	351770	45.72	ng	96
20) 3+4-Methylphenols	7.38	107	510090	47.99	ng	# 81
22) Acetophenone	7.38	105	720570	49.69	ng	# 93
24) Nitrobenzene	7.55	77	569000	48.59	ng	95
25) Isophorone	7.79	82	1010883	47.57	ng	98
26) 2-Nitrophenol	7.87	139	301550	54.17	ng	# 85
27) 2,4-Dimethylphenol	7.92	122	483823	49.49	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	642673	45.66	ng	99
29) 2,4-Dichlorophenol	8.11	162	443340	48.62	ng	88
30) 1,2,4-Trichlorobenzene	8.19	180	456157	46.42	ng	95
31) Naphthalene	8.27	128	1419635	44.09	ng	99
32) Benzoic acid	7.98	122	44541	14.01	ng	96
33) 4-Chloroaniline	8.33	127	316723	25.08	ng	95
34) Hexachlorobutadiene	8.38	225	239518	44.30	ng	99
35) Caprolactam	8.69	113	133374m	46.50	ng	
36) 4-Chloro-3-methylphenol	8.82	107	508147	53.45	ng	96
37) 2-Methylnaphthalene	8.97	142	1007523	48.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	447472	45.25	ng	99
40) Hexachlorocyclopentadiene	9.12	237	393852	88.28	ng	96

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 Misc :
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Manual Integrations
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Quant Time: Jan 31 01:37:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	335931	51.70	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	336707	47.29	nq #	81
45) 1,1'-Biphenyl	9.44	154	1268480	49.73	nq	99
46) 2-Chloronaphthalene	9.46	162	1004068	50.32	nq	98
47) 2-Nitroaniline	9.55	65	301976	45.01	nq	95
48) Acenaphthylene	9.87	152	1462806	42.43	nq	99
49) Dimethylphthalate	9.73	163	1257131	52.98	nq	99
50) 2,6-Dinitrotoluene	9.80	165	270071	52.70	nq #	75
51) Acenaphthene	10.04	154	904285	43.87	nq	95
52) 3-Nitroaniline	9.96	138	195060	33.26	nq	97
53) 2,4-Dinitrophenol	10.08	184	146057	57.45	nq	91
54) Dibenzofuran	10.21	168	1240422	45.00	nq	98
55) 4-Nitrophenol	10.14	139	411327	97.38	nq	90
56) 2,4-Dinitrotoluene	10.20	165	355824	52.16	nq	87
57) Fluorene	10.56	166	918422	43.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	258752	54.48	nq	98
59) Diethylphthalate	10.43	149	1050660	46.98	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	434757	42.67	nq	96
61) 4-Nitroaniline	10.59	138	279987	46.61	nq	82
62) Azobenzene	10.70	77	1140647	49.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	143651	41.78	nq	83
65) n-Nitrosodiphenylamine	10.67	169	843461	46.33	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	268215	45.04	nq	96
67) Hexachlorobenzene	11.10	284	266779	45.34	nq #	88
68) Atrazine	11.20	200	253875	43.45	nq	99
69) Pentachlorophenol	11.30	266	248594	81.67	nq	98
70) Phenanthrene	11.53	178	1497126	45.85	nq	97
71) Anthracene	11.57	178	1464446	44.66	nq	99
72) Carbazole	11.73	167	1455264	46.43	nq	98
73) Di-n-butylphthalate	12.05	149	1565662	46.19	nq #	98
74) Fluoranthene	12.70	202	1466598	43.54	nq	98
76) Benzidine	12.83	184	159521	8.97	nq	96
77) Pyrene	12.94	202	1490623	47.74	nq	98
79) Butylbenzylphthalate	13.55	149	651039	51.35	nq	95
80) Benzo(a)anthracene	14.12	228	1145257	44.88	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	297933	32.76	nq #	97
82) Chrysene	14.17	228	1134985	47.51	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	952181	54.92	nq #	96
84) Di-n-octyl phthalate	14.72	149	1490277	52.78	nq	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	943010	50.96	nq	96
87) Benzo(b)fluoranthene	15.17	252	1193199m	54.59	nq	
88) Benzo(k)fluoranthene	15.21	252	690730m	36.60	nq	
89) Benzo(a)pyrene	15.54	252	911366	48.20	nq	97
90) Dibenzo(a,h)anthracene	17.11	278	780683	51.09	nq	98
91) Benzo(g,h,i)perylene	17.54	276	802160	51.96	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

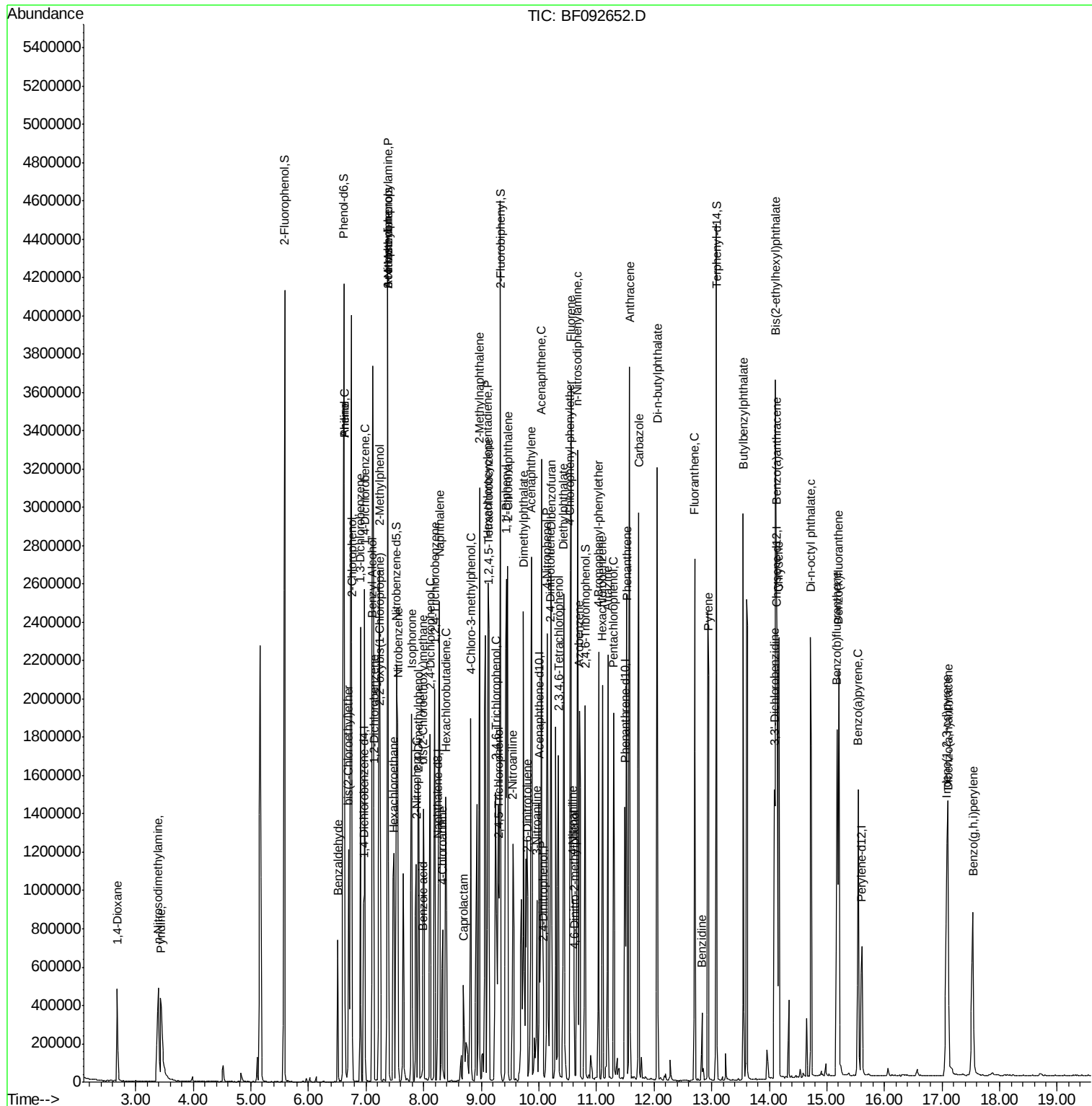
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\  
Data File : BF092652.D  
Acq On    : 30 Jan 2017   23:49  
Operator  : SJ/MA  
Sample    : I1553-01MS  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
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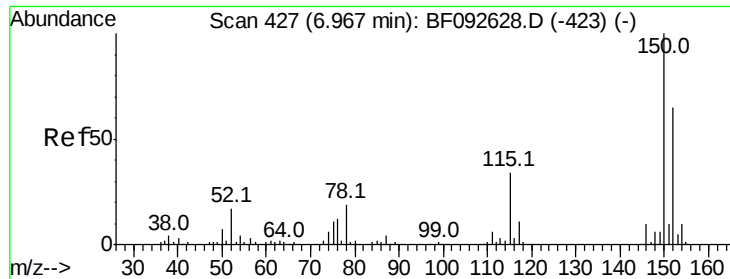
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

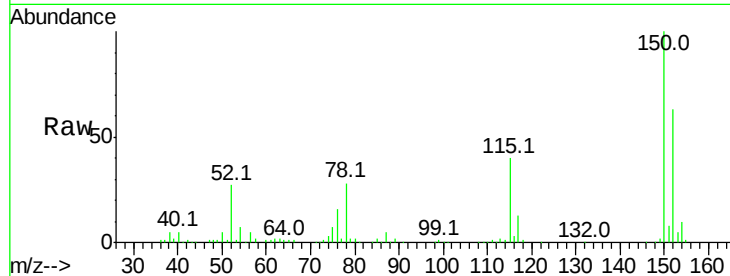
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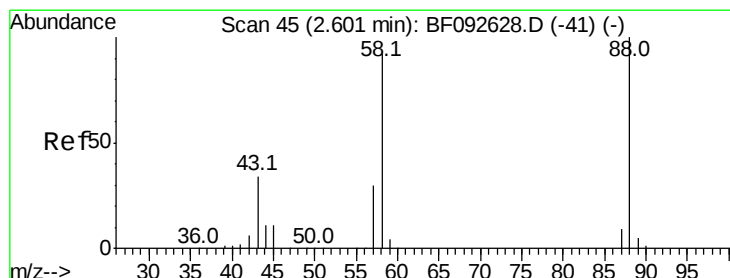
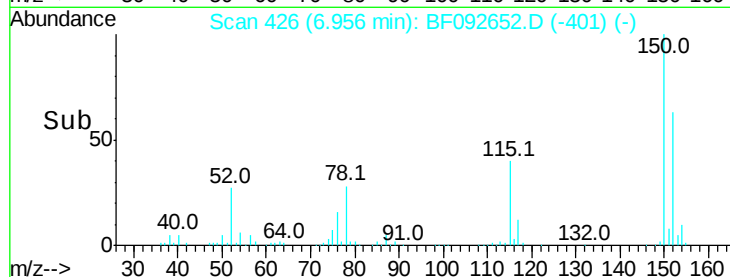
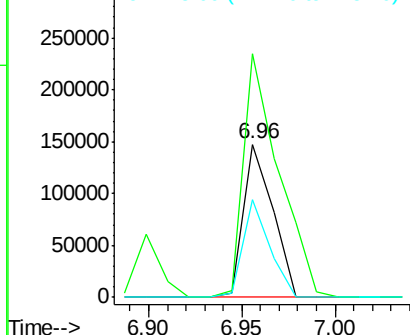
Tot Ion:	152	Resp:	161148
Ion Ratio	Lower	Upper	
152	100		
150	159.0	124.9	187.3
115	63.8	46.0	69.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.45 ng

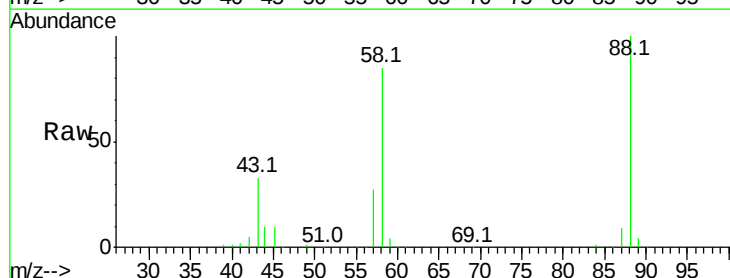
RT: 2.68 min Scan# 52

Delta R.T. 0.08 min

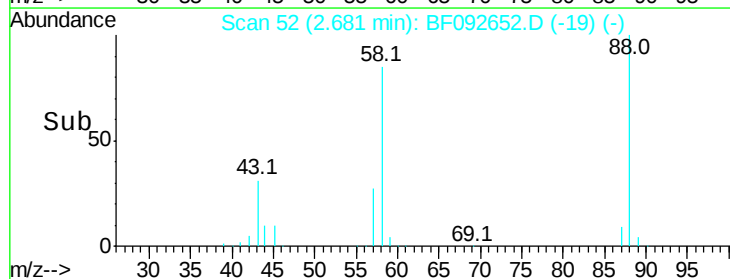
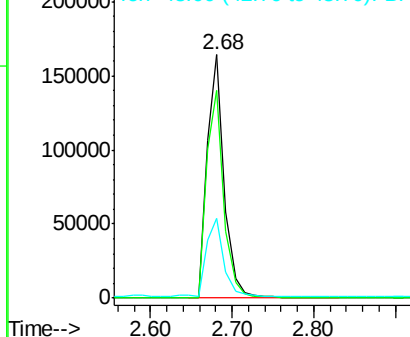
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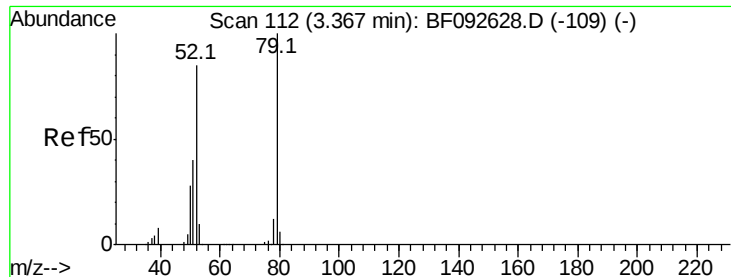
Acq: 30 Jan 2017 23:49

Tgt Ion:	88	Resp:	240819
Ion Ratio	Lower	Upper	
88	100		
58	85.8	57.8	86.8
43	32.4	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





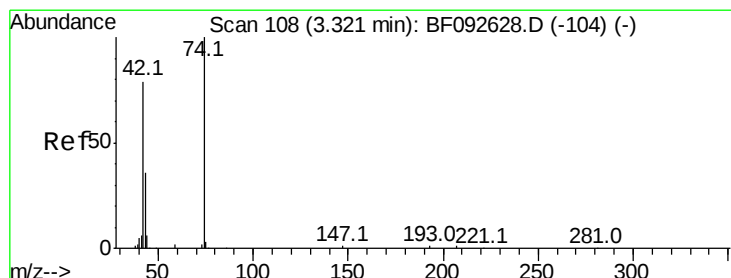
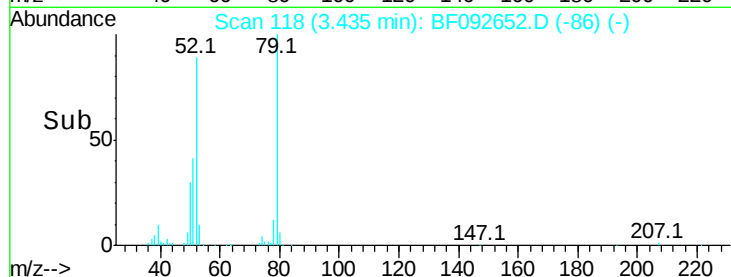
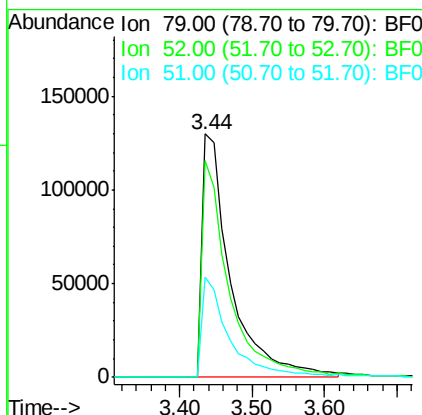
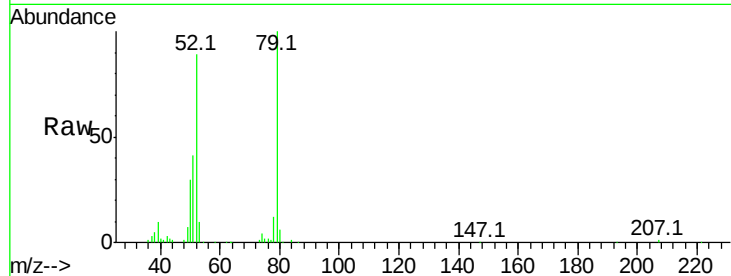
#3
 Pvridine
 Concen: 27.57 ng
 RT: 3.44 min Scan# 118
 Delta R.T. 0.07 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion: 79 Resp: 355836
 Ion Ratio Lower Upper
 79 100
 52 89.3 57.1 85.7#
 51 41.3 27.3 40.9#

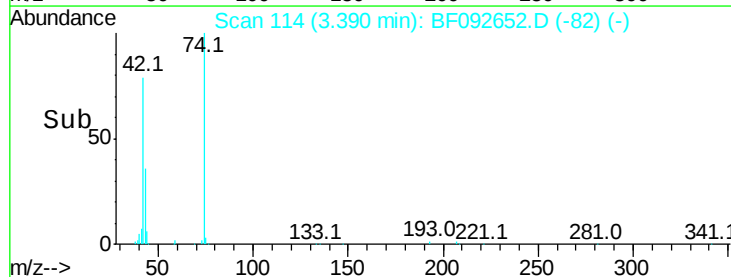
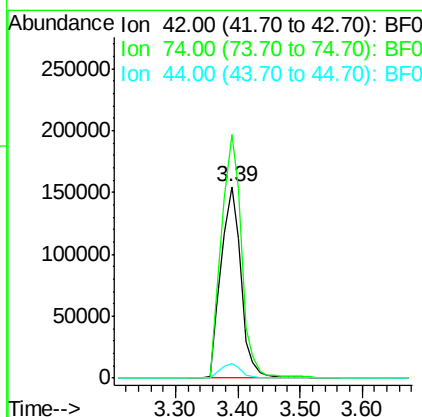
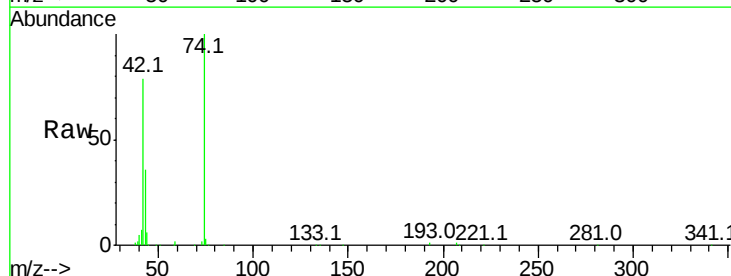
Manual Integrations
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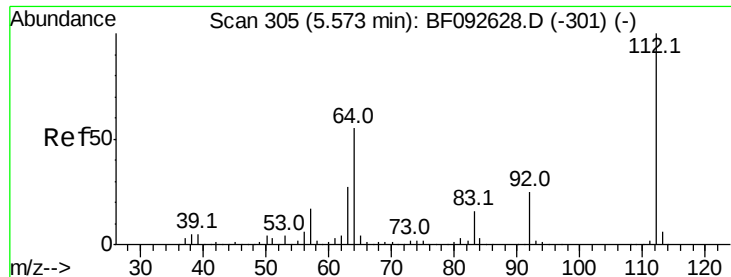
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#4
 n-Nitrosodimethylamine
 Concen: 57.14 ng
 RT: 3.39 min Scan# 114
 Delta R.T. 0.07 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion: 42 Resp: 346249
 Ion Ratio Lower Upper
 42 100
 74 127.2 117.0 175.4
 44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 142.37 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:112 Resp: 1337247

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

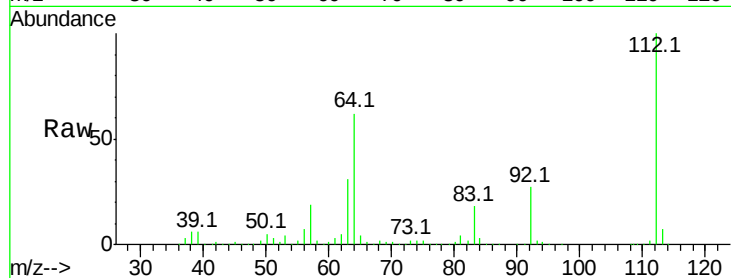
63 30.8 23.8 35.6

Manual Integrations

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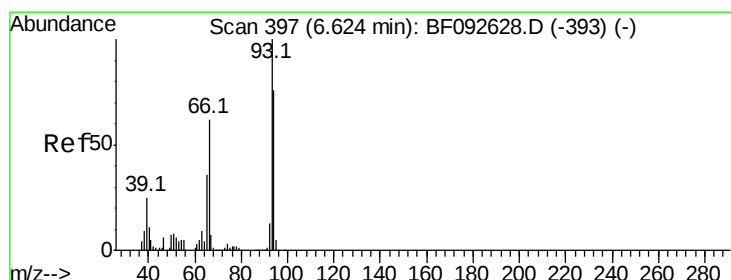
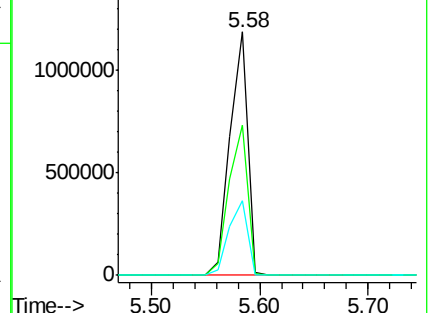
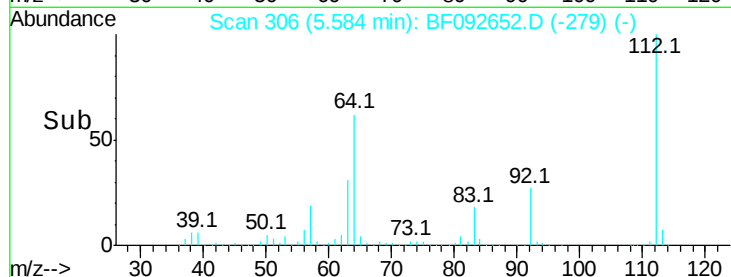
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

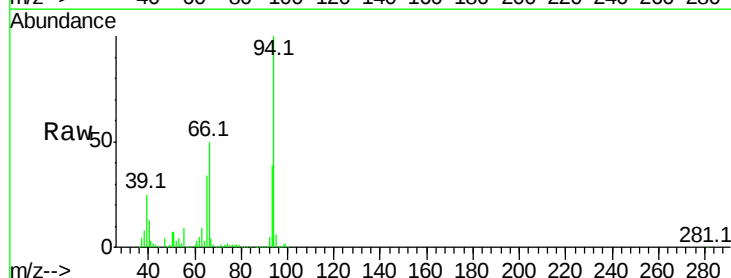
Tgt Ion: 93 Resp: 430414

Ion Ratio Lower Upper

93 100

66 128.0 76.2 114.2#

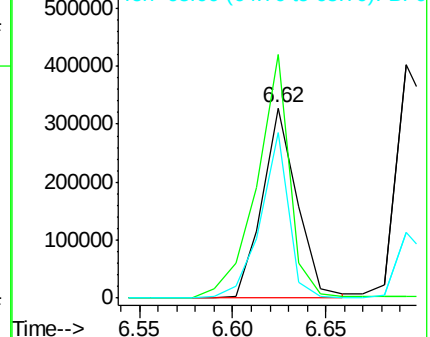
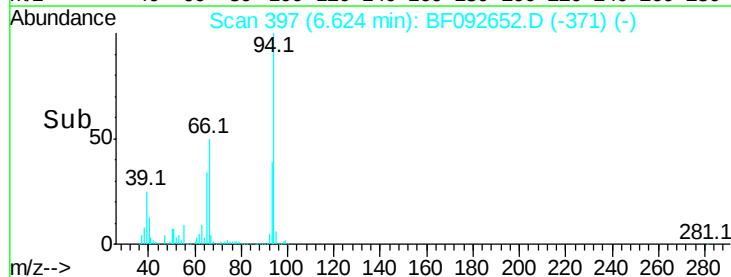
65 86.7 49.3 73.9#

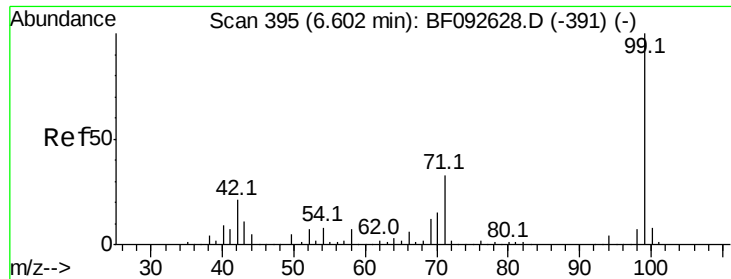


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.96 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion: 99 Resp: 1691498

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

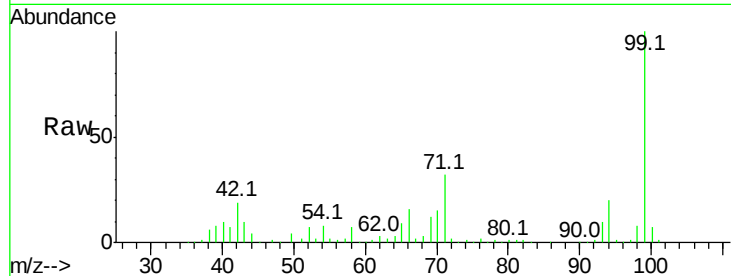
71 31.7 27.5 41.3

Manual Integrations

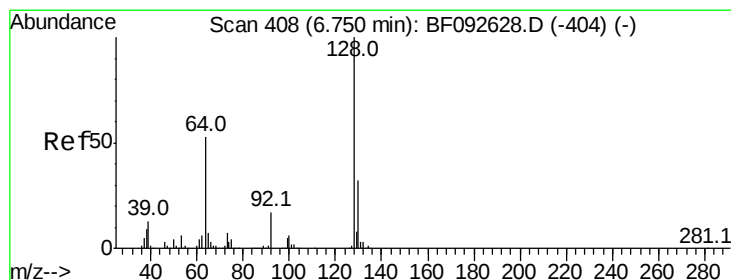
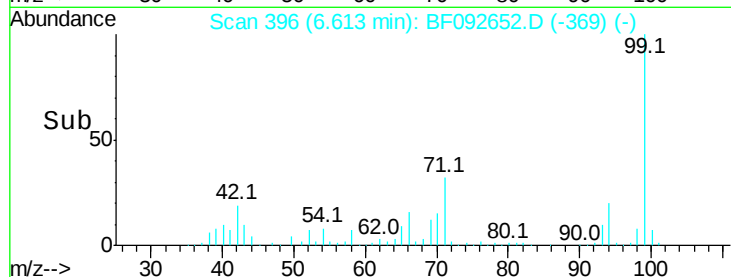
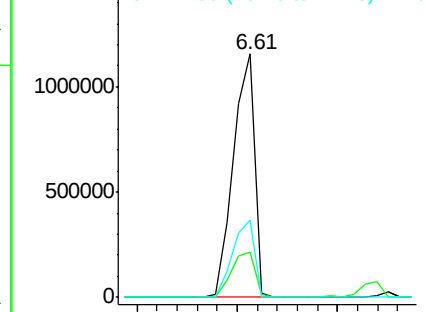
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.14 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

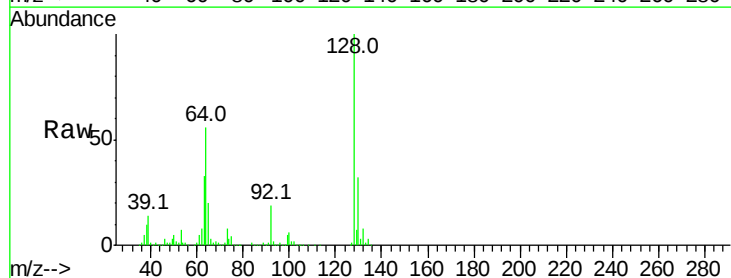
Tgt Ion:128 Resp: 488476

Ion Ratio Lower Upper

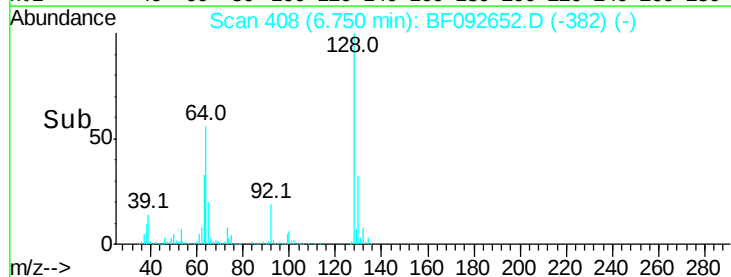
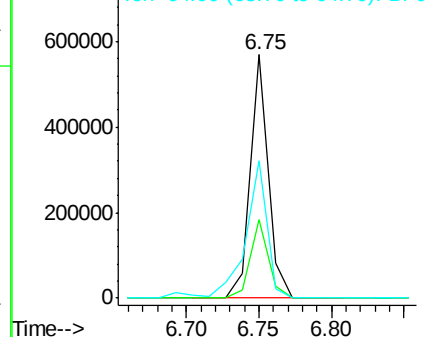
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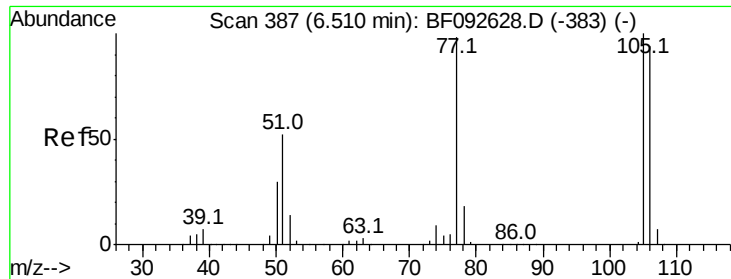
130 32.2 12.3 52.3

64 56.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





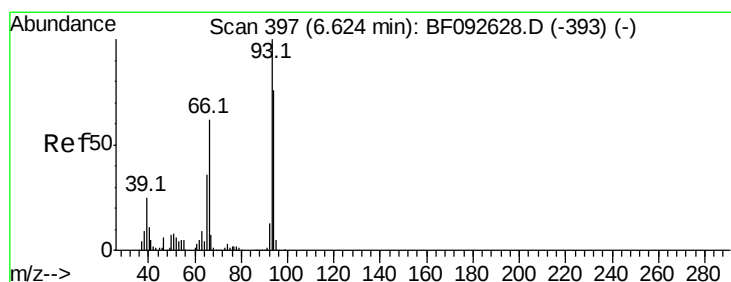
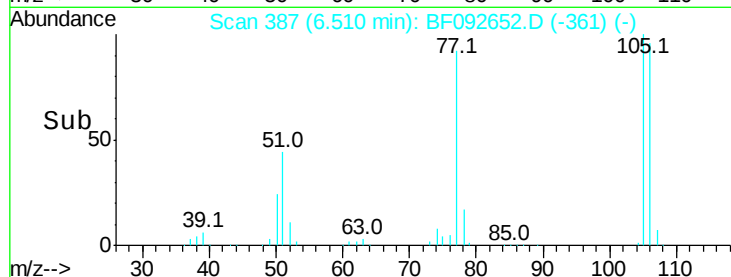
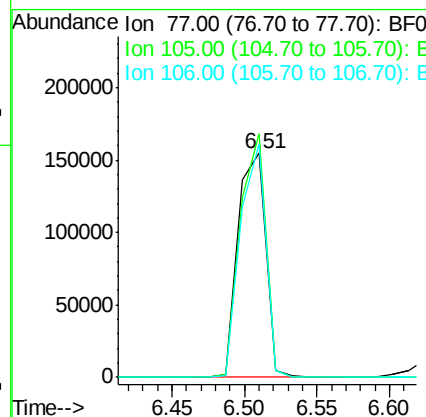
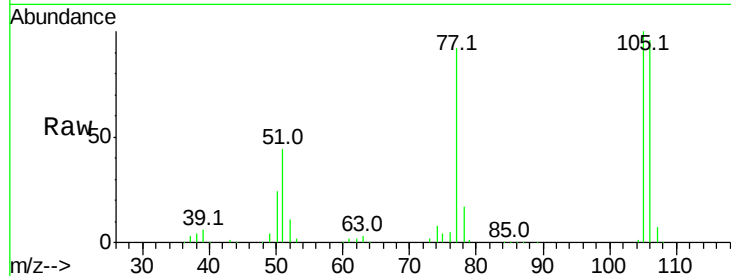
#9
Benzaldehyde
Concen: 23.74 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.5	83.9	123.9
106	104.1	77.6	117.6

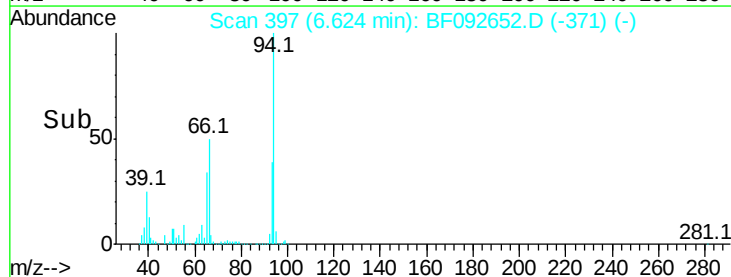
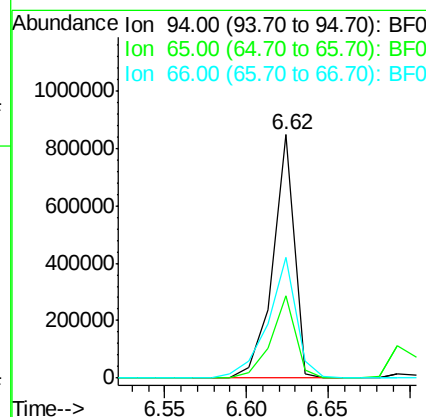
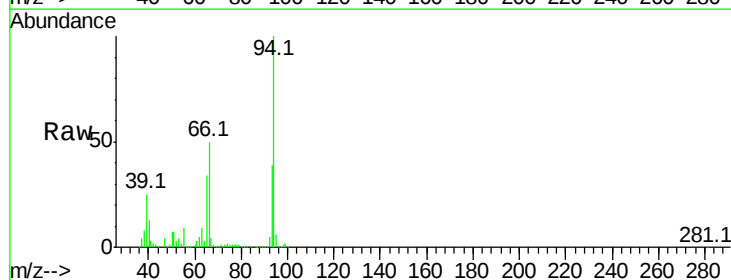
Manual Integrations
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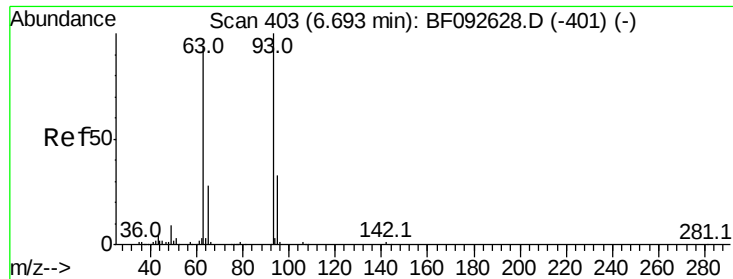
mohammad
1/31/2017 4:45:55 PM



#10
Phenol
Concen: 55.32 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	21.4	61.4
66	49.6	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 46.37 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

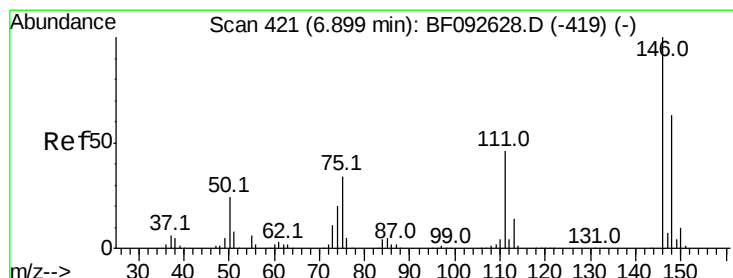
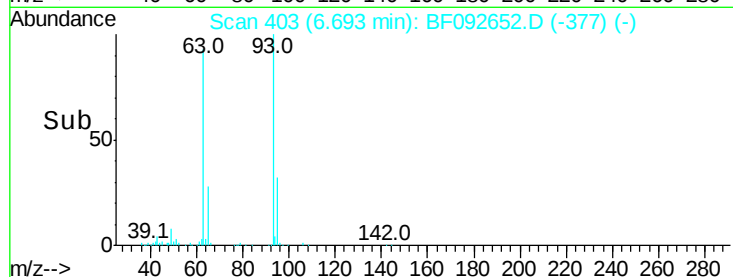
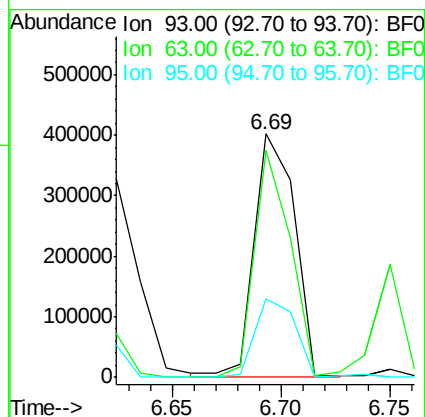
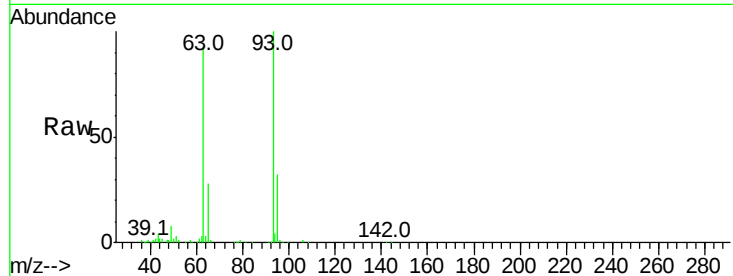
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	93	Resp	523361
Ion Ratio	Lower	Upper	
93	100		
63	93.0	60.4	100.4
95	32.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.41 ng

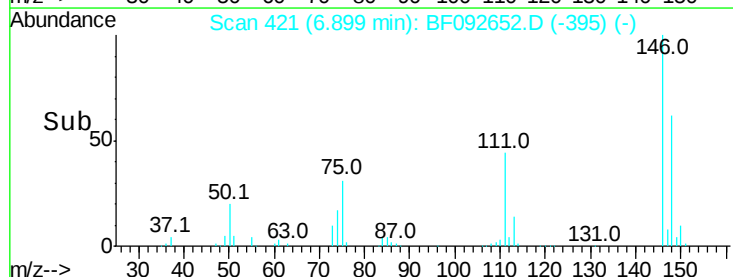
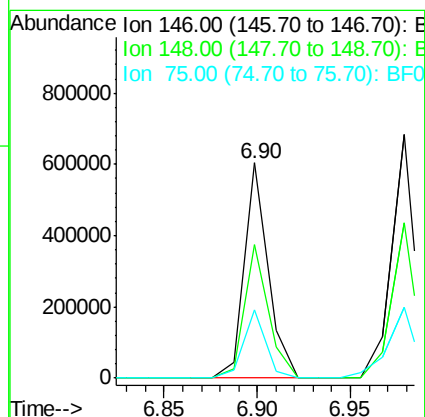
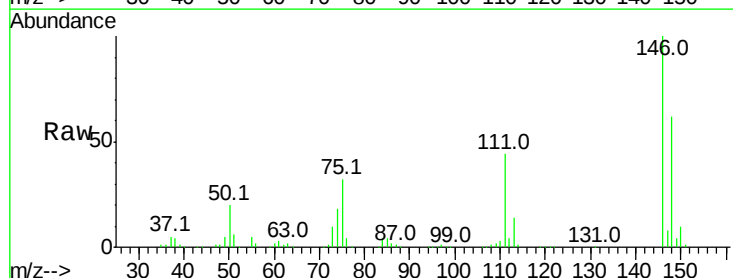
RT: 6.90 min Scan# 421

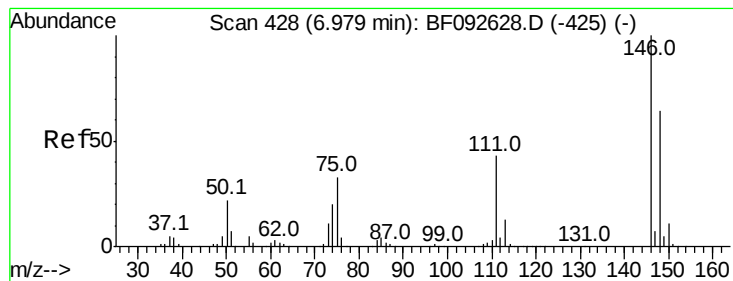
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion	146	Resp	539058
Ion Ratio	Lower	Upper	
146	100		
148	62.3	53.4	80.0
75	31.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 47.06 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

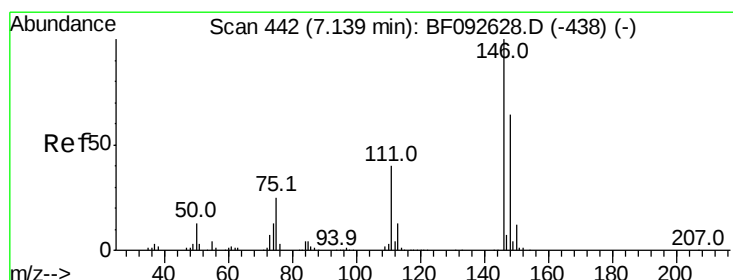
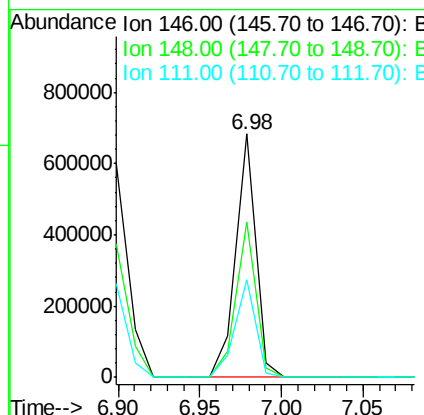
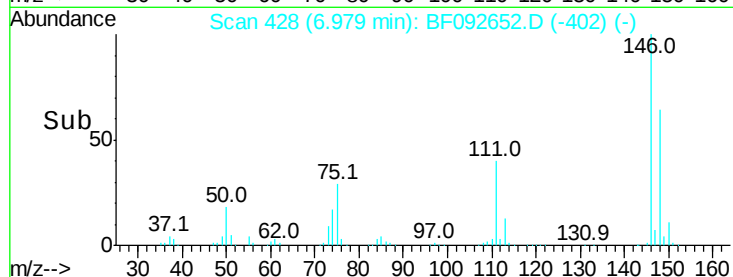
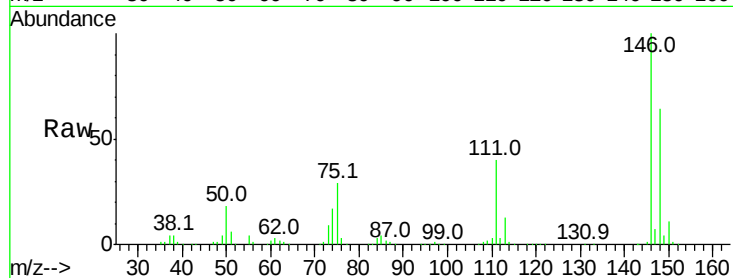
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	146	Resp:	578102
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	40.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.93 ng m

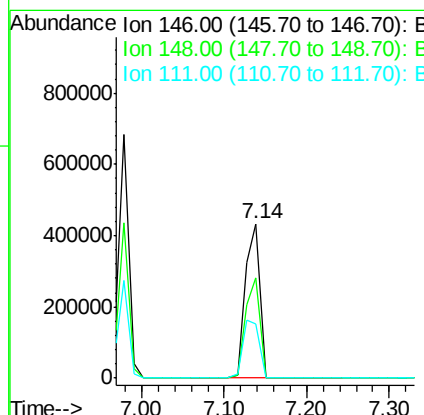
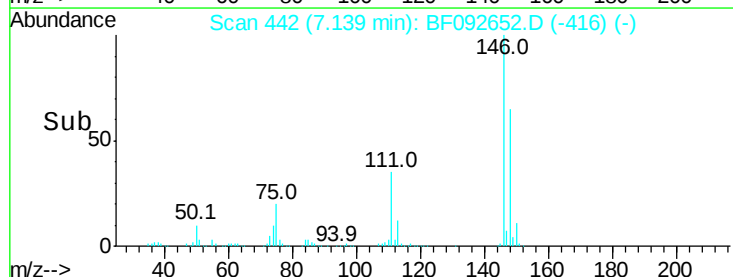
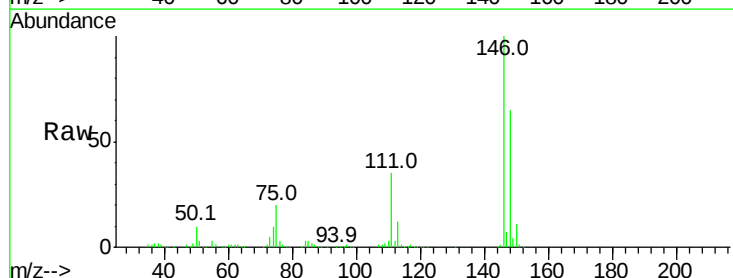
RT: 7.14 min Scan# 442

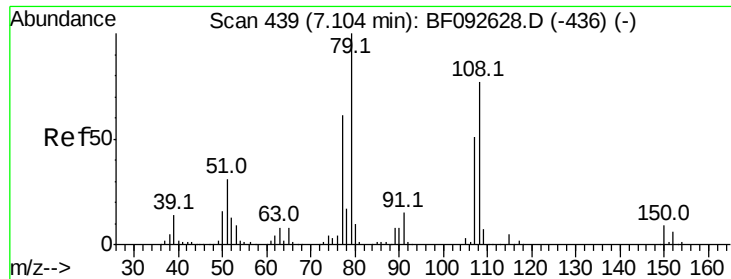
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:	146	Resp:	527768
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	35.3	36.2	54.2#





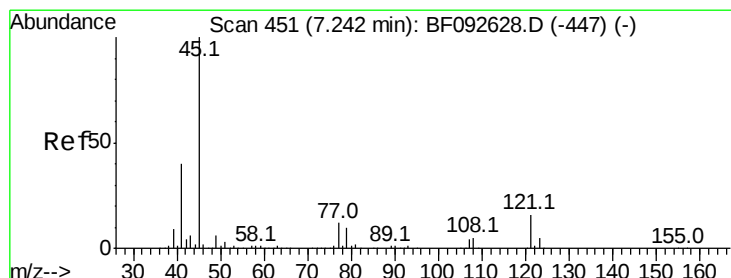
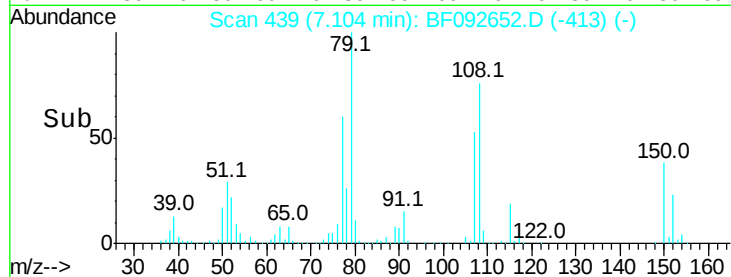
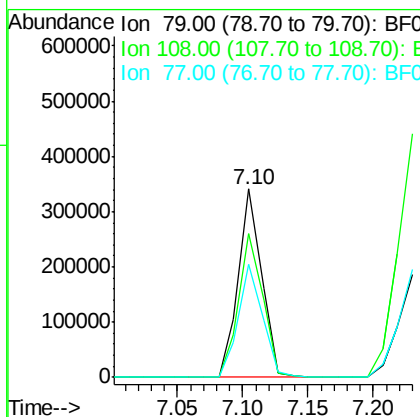
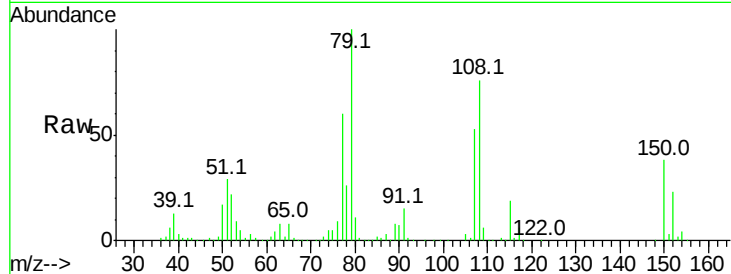
#15
Benzyl Alcohol
Concen: 47.53 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion: 79 Resp: 425267
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 60.3 50.9 76.3

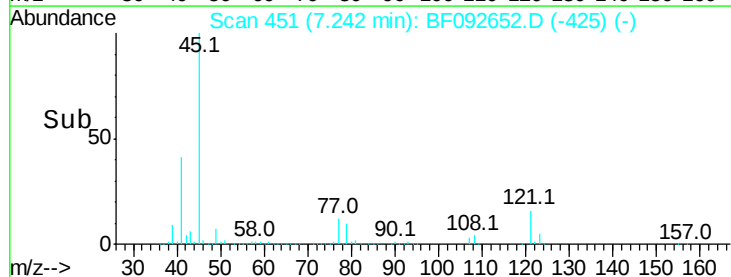
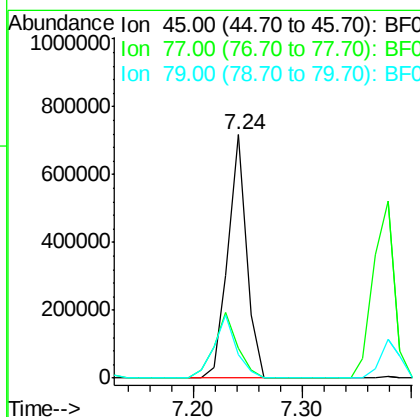
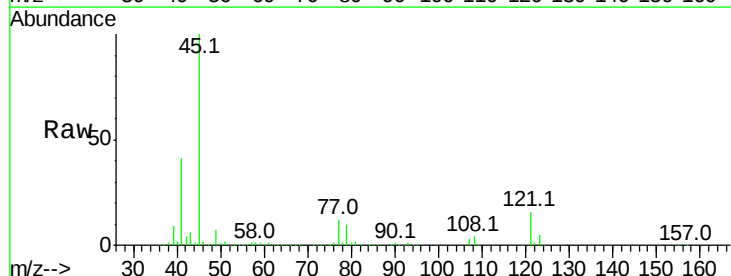
Manual Integrations
APPROVED

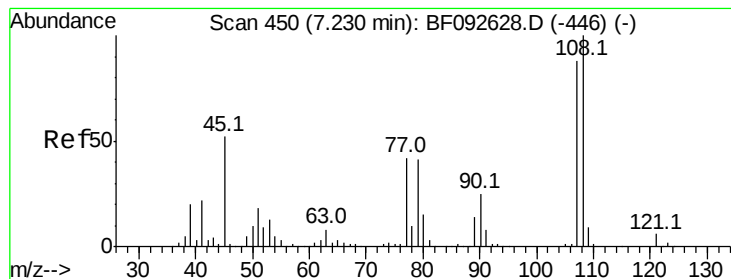
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.37 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion: 45 Resp: 850350
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.6
79 9.6 0.0 31.2





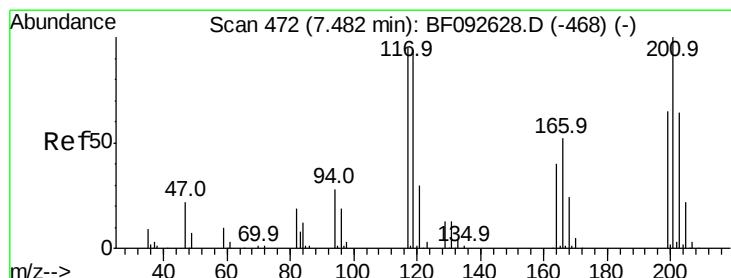
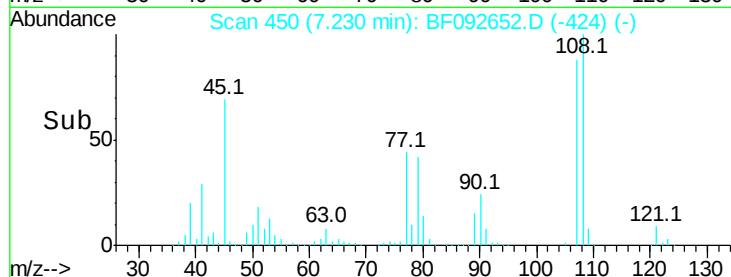
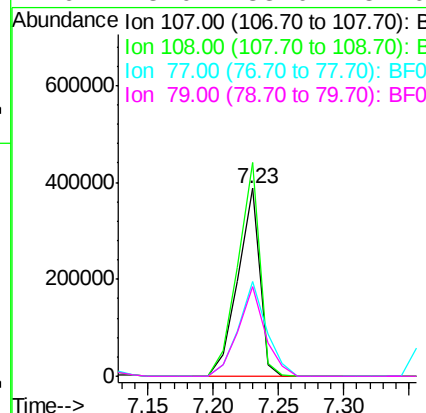
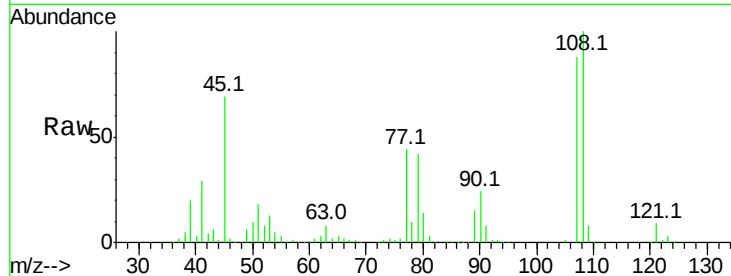
#17
2-Methylphenol
Concen: 50.37 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	93.0	139.6	
77	50.4	39.8	59.8	
79	48.0	38.0	57.0	

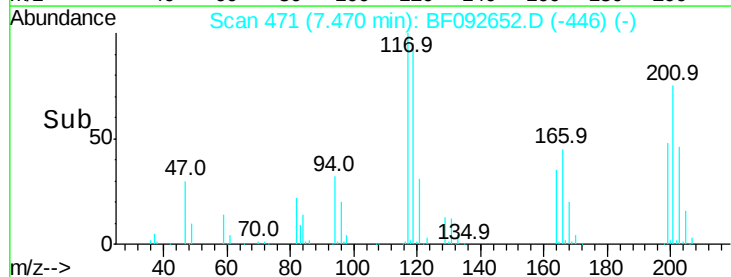
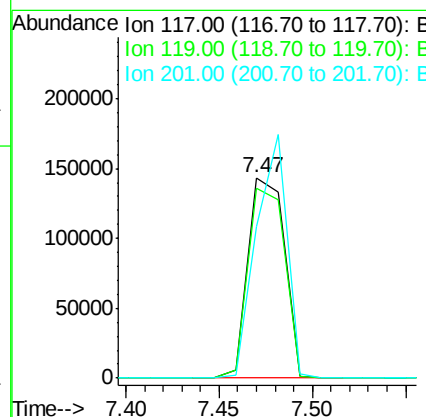
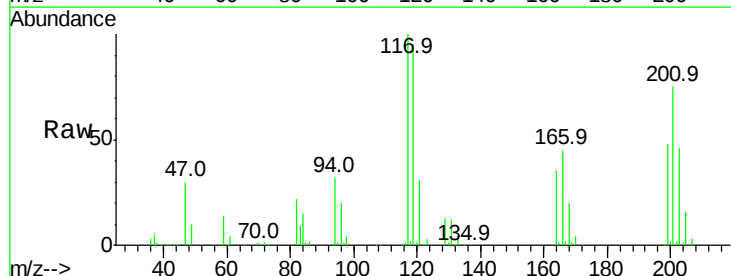
Manual Integrations
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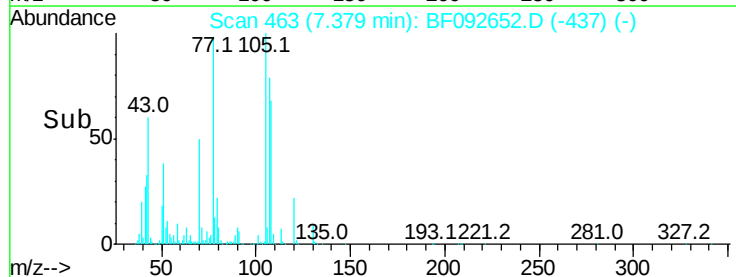
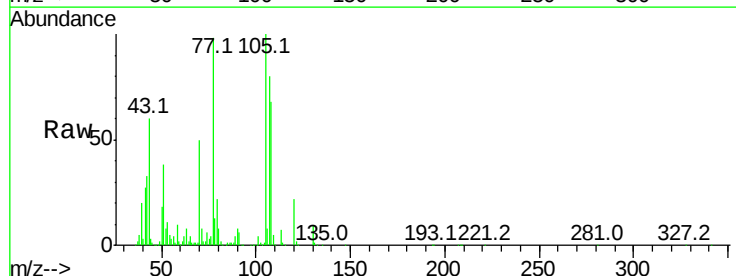
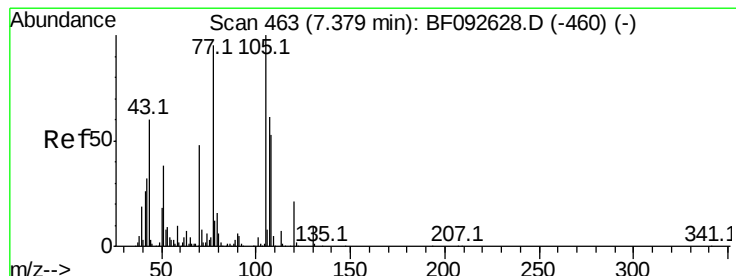
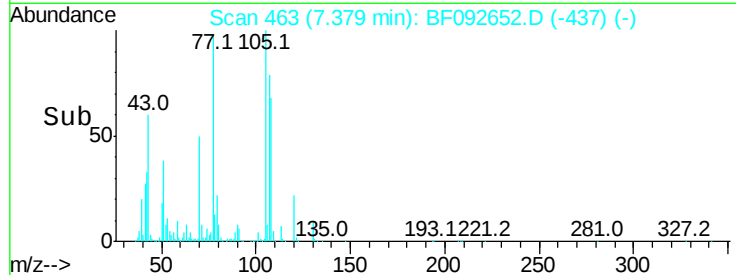
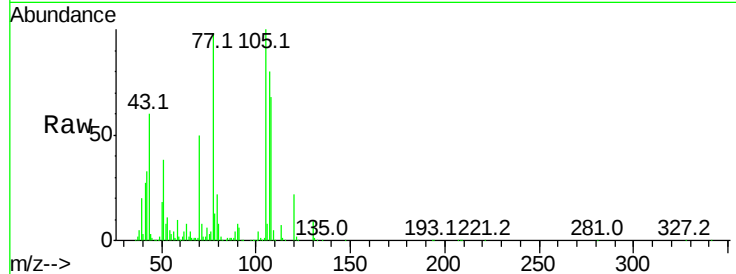
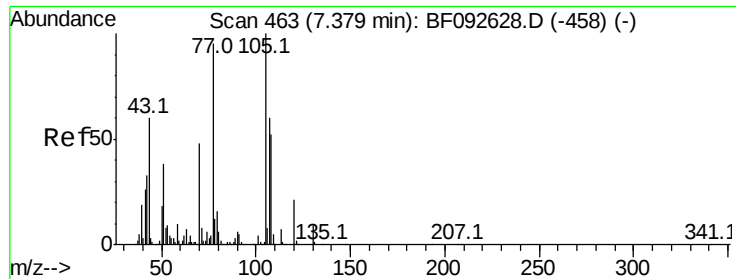
mohammad
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#18
Hexachloroethane
Concen: 46.45 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.1	117.1	
201	75.4	78.6	117.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 45.72 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

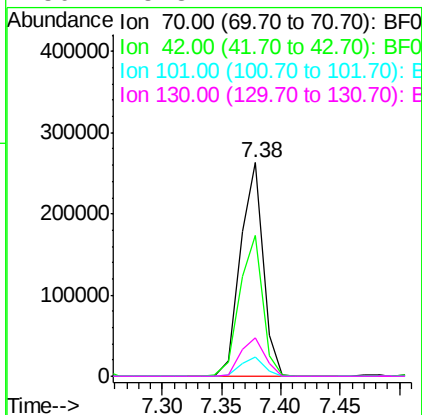
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.4	74.0
101	8.9	7.4	11.2
130	18.3	14.2	21.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 47.99 ng

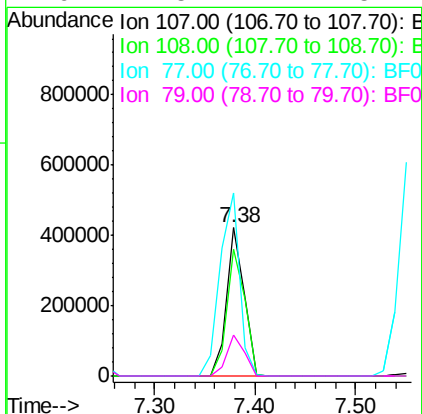
RT: 7.38 min Scan# 463

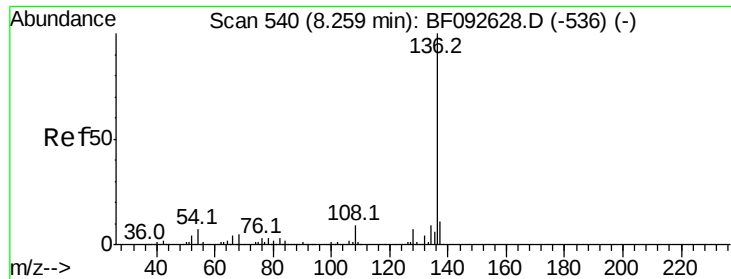
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	123.4	71.3	111.3#
79	27.5	11.1	51.1





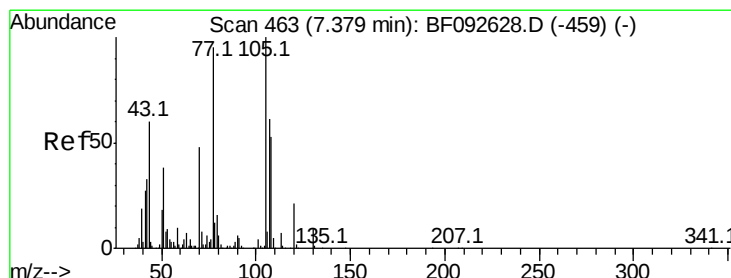
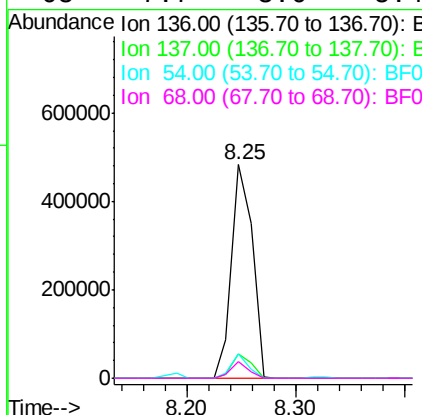
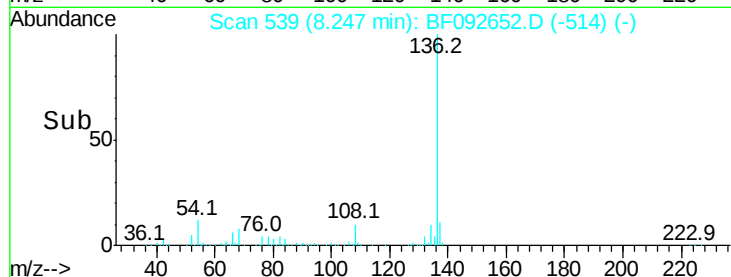
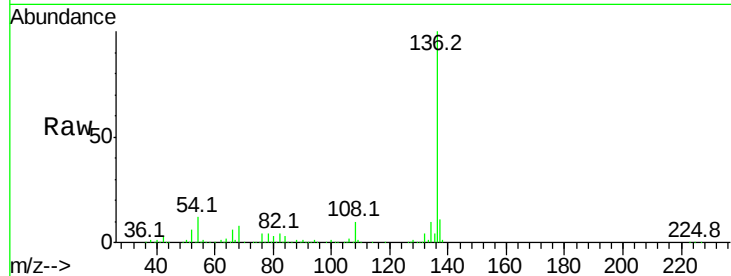
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	635118		
137	11.2	8.4	12.6	
54	11.6	4.5	6.7#	
68	7.7	3.6	5.4#	

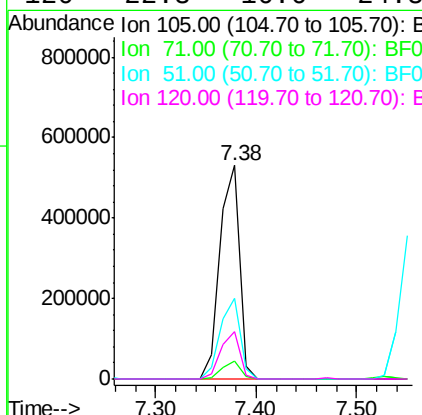
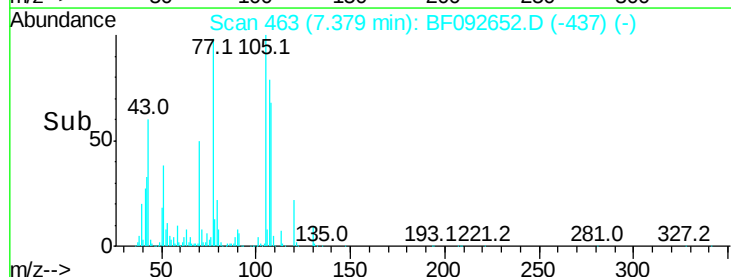
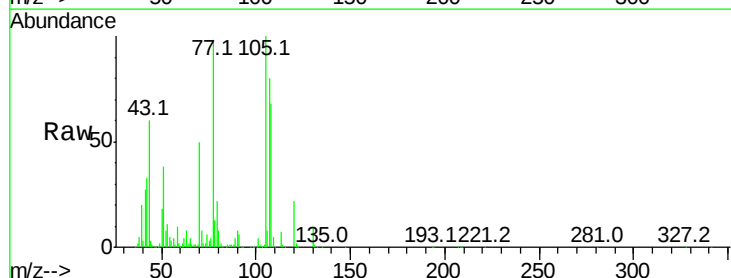
Manual Integrations
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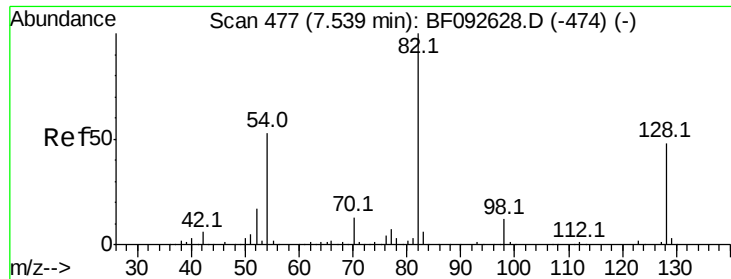
mohammad
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#22
Acetophenone
Concen: 49.69 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	720570		
71	8.4	3.2	4.8#	
51	37.7	26.2	39.4	
120	22.3	16.6	24.8	





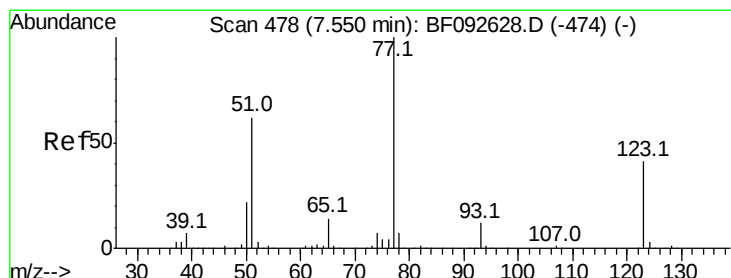
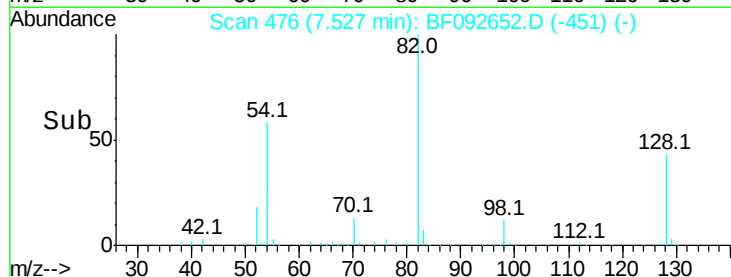
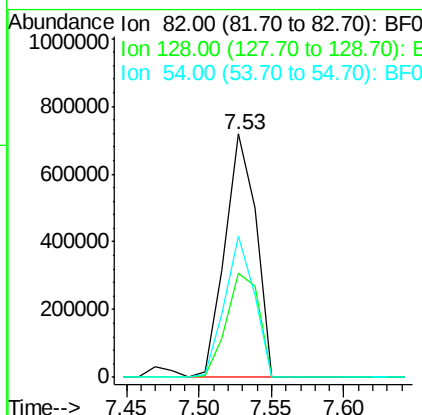
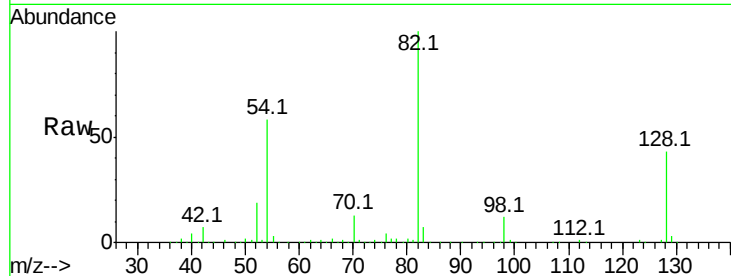
#23
 Nitrobenzene-d5
 Concen: 93.37 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	58.1	39.5	59.3

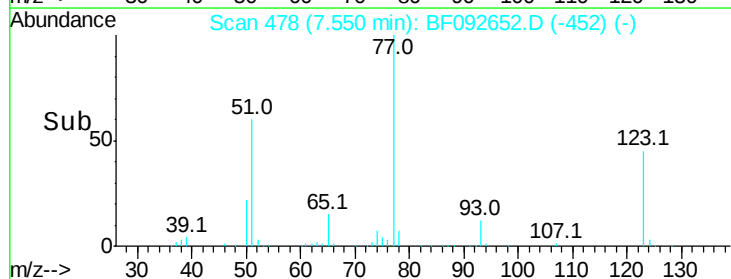
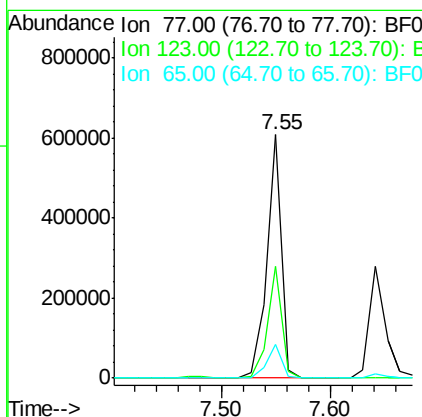
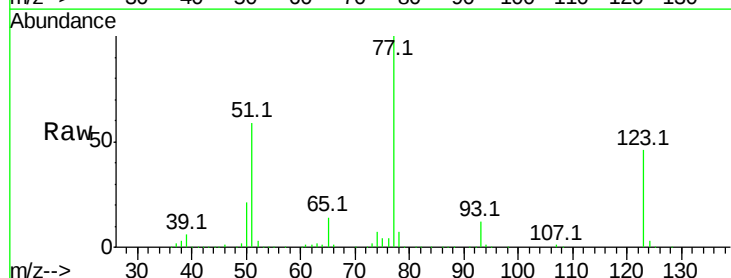
Manual Integrations
 APPROVED

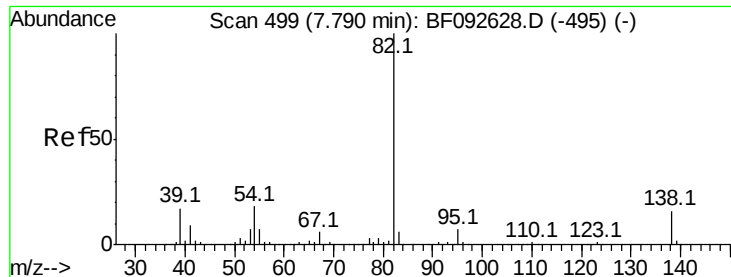
mohammad
 1/31/2017 4:45:55 PM



#24
 Nitrobenzene
 Concen: 48.59 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 47.57 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion: 82 Resp: 1010883

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

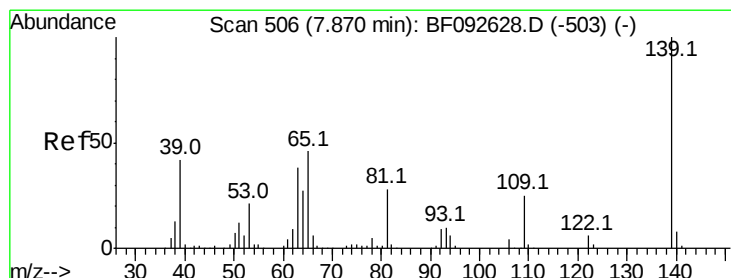
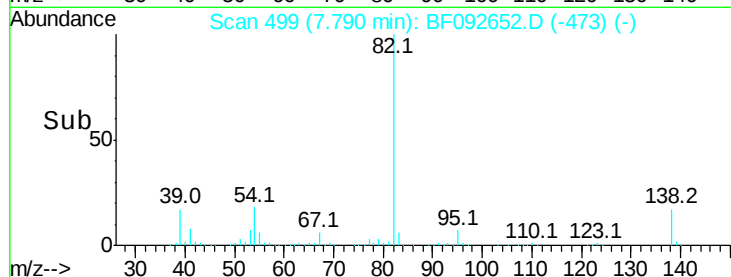
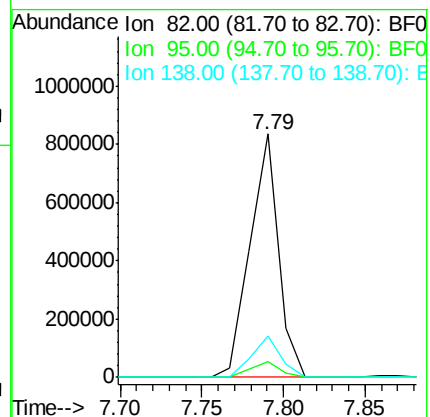
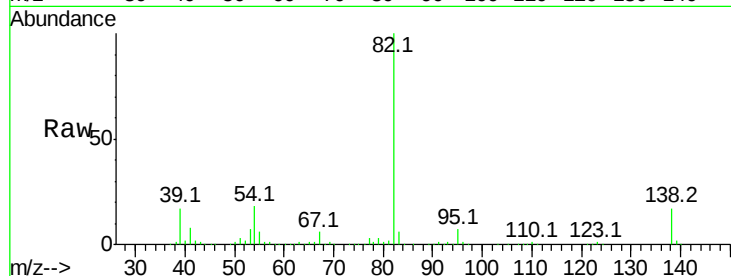
138 17.2 14.6 22.0

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#26

2-Nitrophenol

Concen: 54.17 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

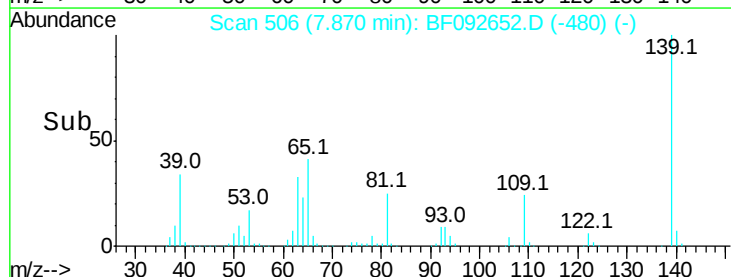
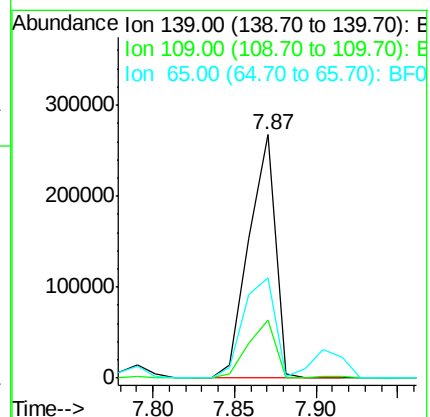
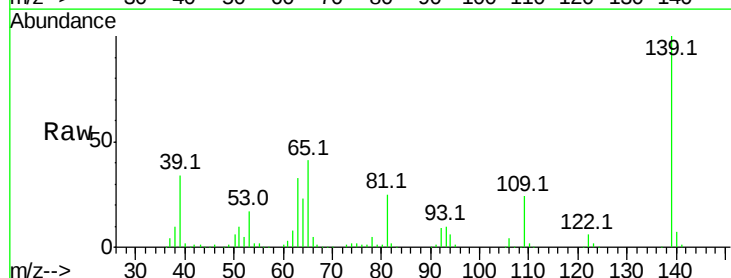
Tgt Ion: 139 Resp: 301550

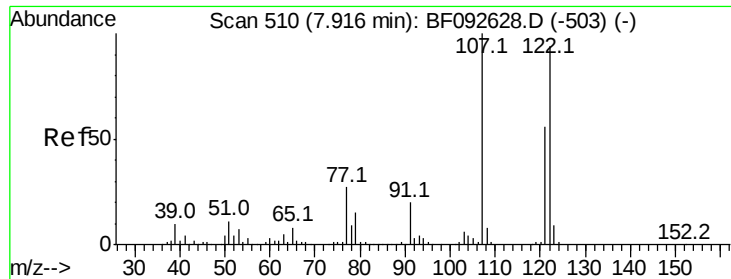
Ion Ratio Lower Upper

139 100

109 23.8 23.3 34.9

65 41.2 42.7 64.1#





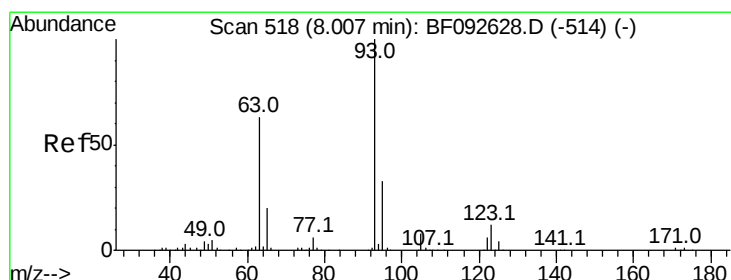
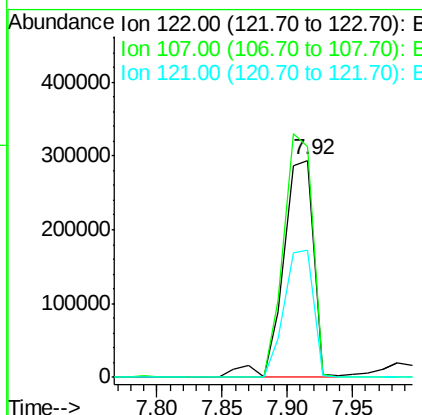
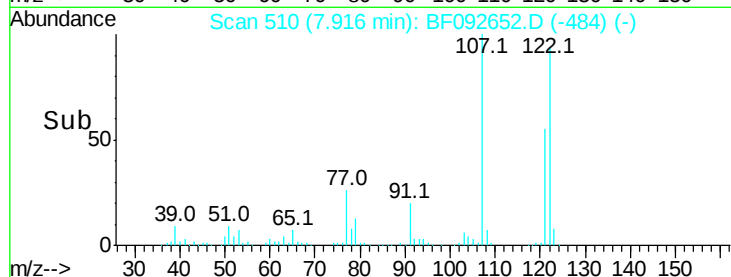
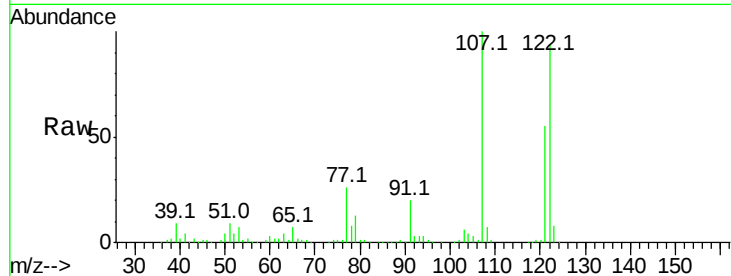
#27
2,4-Dimethylphenol
Concen: 49.49 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	483823		
107	106.6		94.1	141.1
121	58.3		46.0	69.0

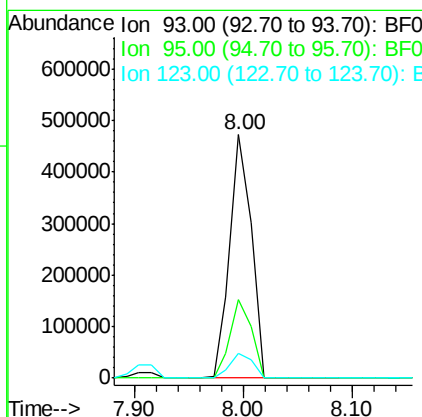
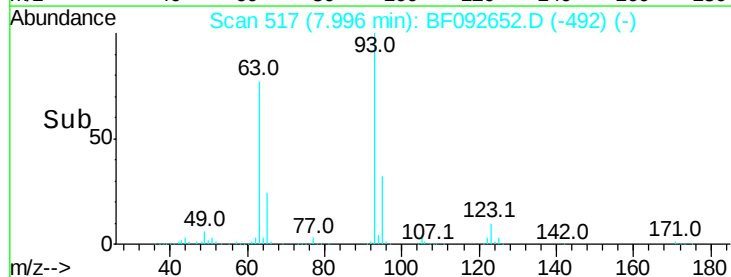
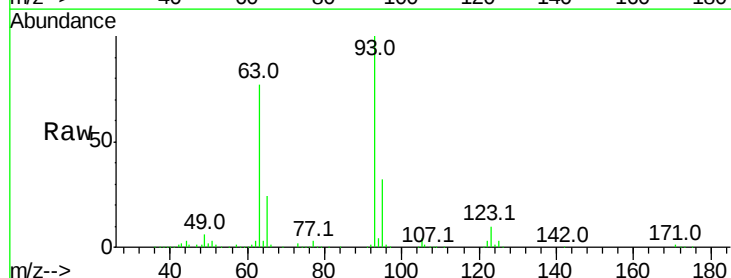
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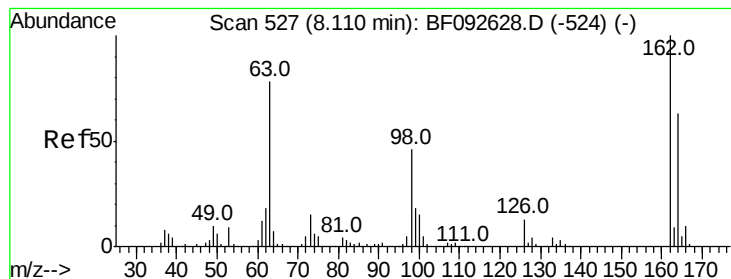
mohammad
1/31/2017 4:45:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.66 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	642673		
95	32.3		26.5	39.7
123	10.2		8.6	13.0





#29

2,4-Dichlorophenol

Concen: 48.62 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

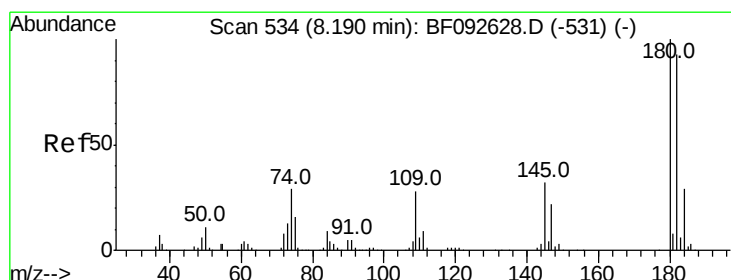
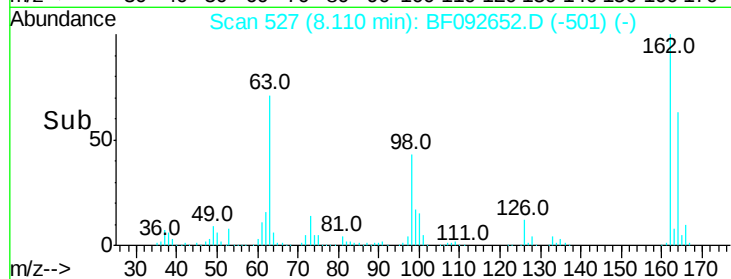
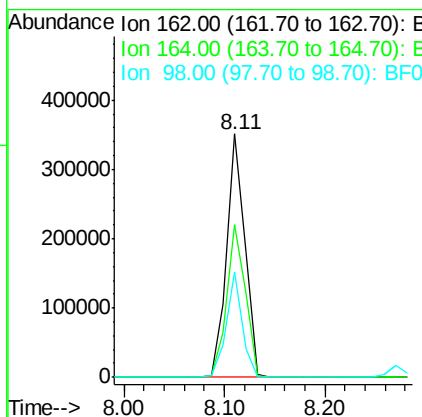
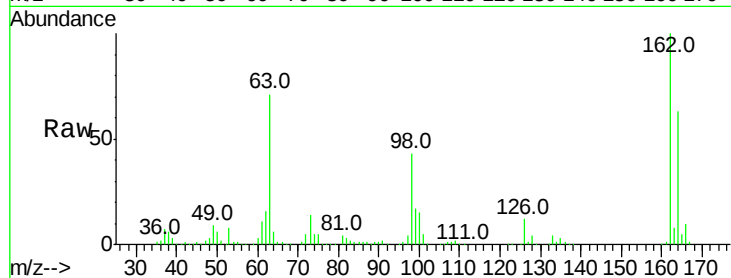
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	162	Resp:	443340
Ion Ratio	Lower	Upper	
162	100		
164	62.8	46.8	86.8
98	43.3	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 46.42 ng

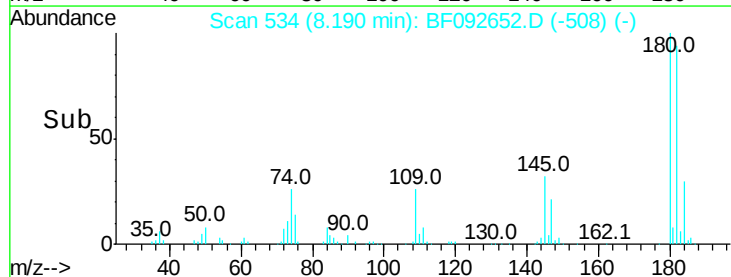
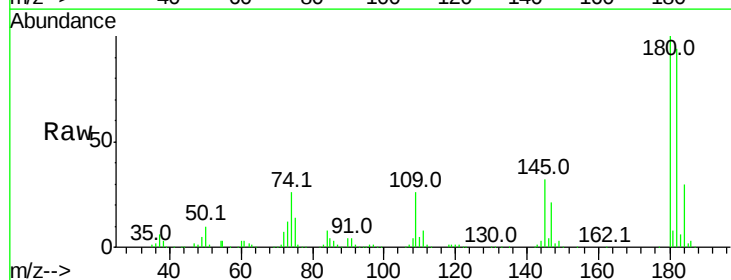
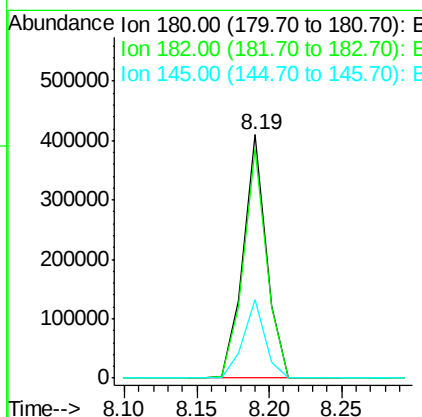
RT: 8.19 min Scan# 534

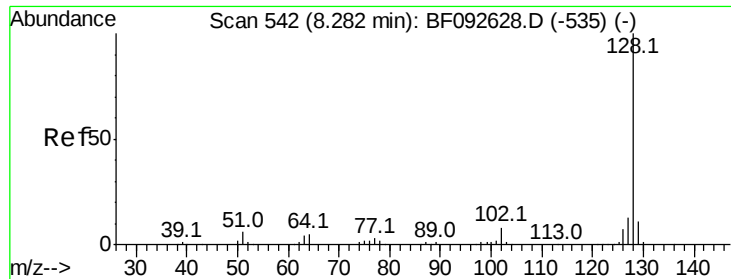
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:	180	Resp:	456157
Ion Ratio	Lower	Upper	
180	100		
182	94.4	78.2	117.4
145	32.0	21.6	32.4





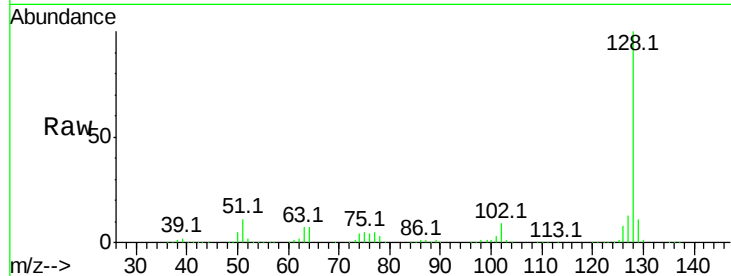
#31
Naphthalene
Concen: 44.09 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

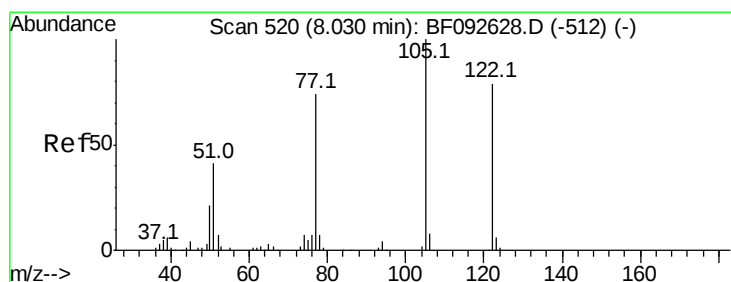
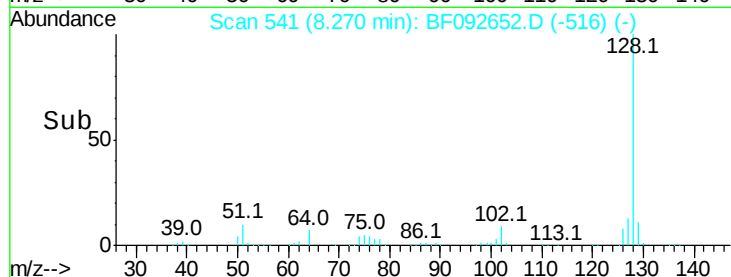
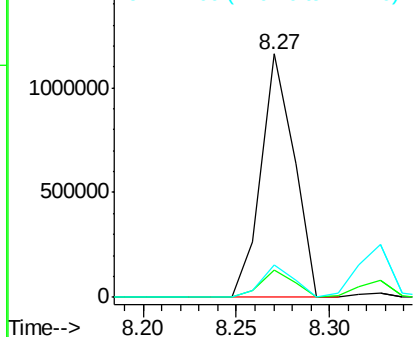
Tot Ion:128 Resp: 1419635
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

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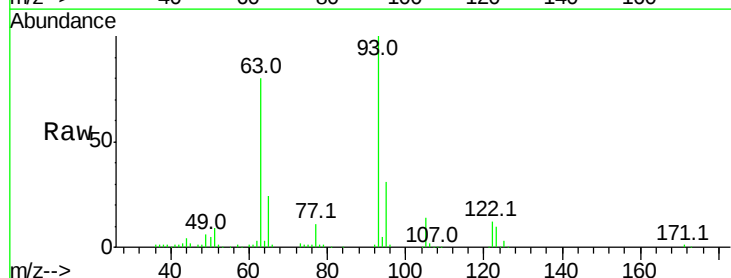


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

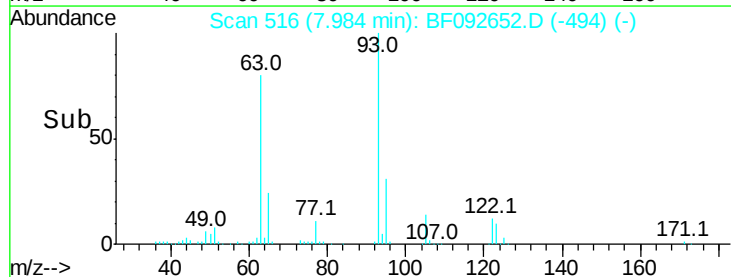
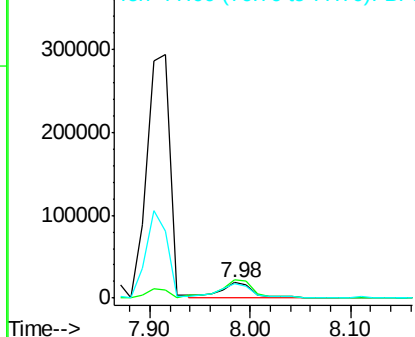


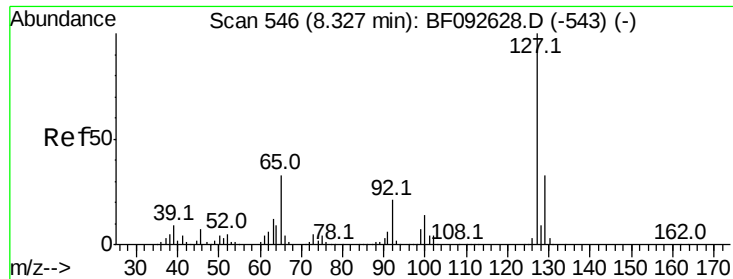
#32
Benzoic acid
Concen: 14.01 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:122 Resp: 44541
Ion Ratio Lower Upper
122 100
105 120.7 107.2 147.2
77 95.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





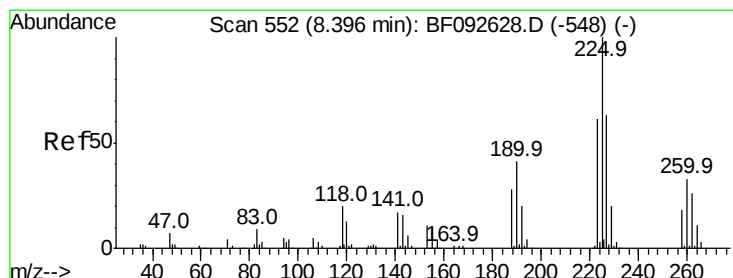
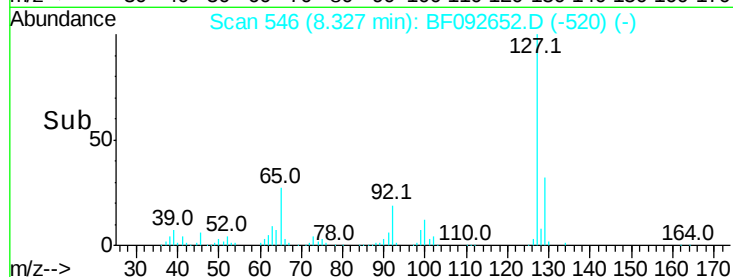
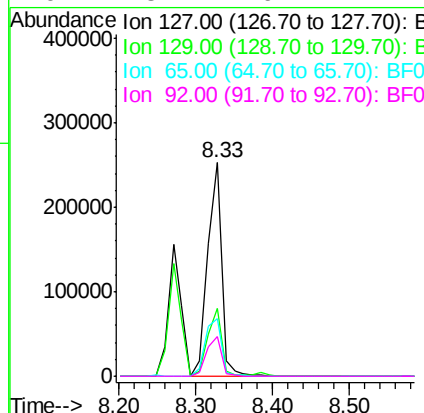
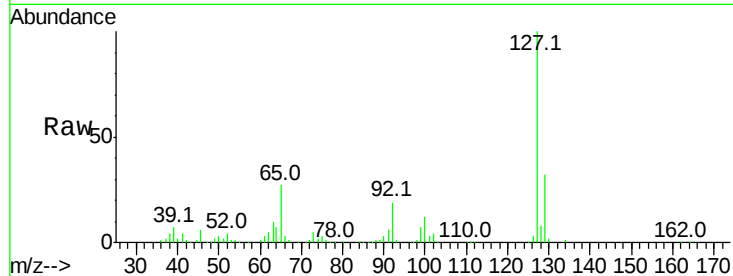
#33
4-Chloroaniline
Concen: 25.08 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	127	Resp:	316723
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.3	39.5
65	27.2	25.8	38.8
92	18.7	16.1	24.1

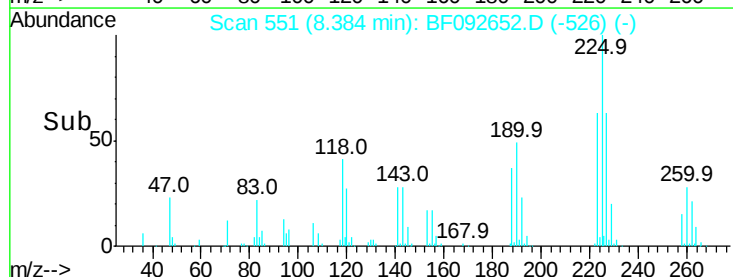
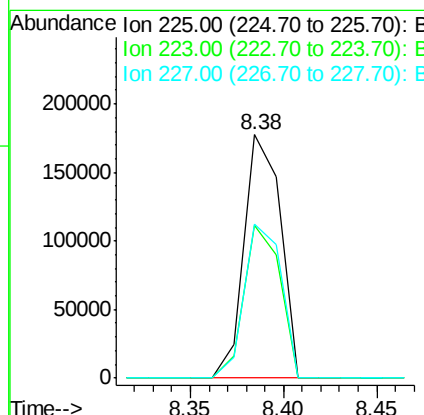
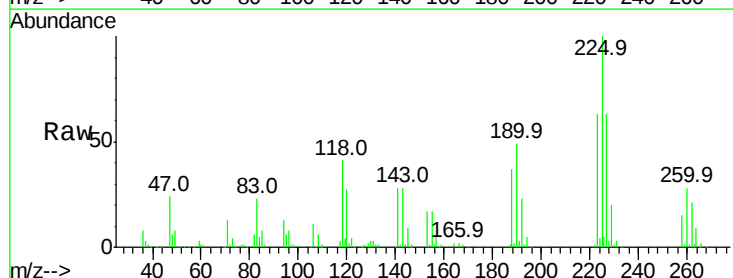
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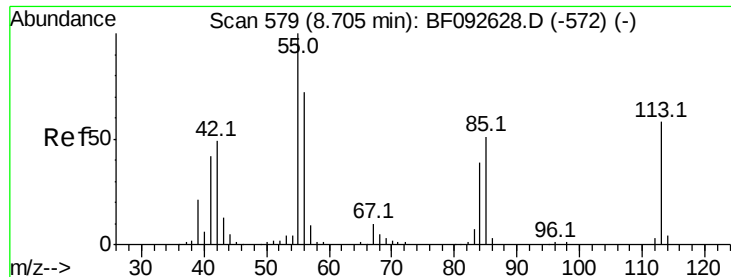
mohammad
1/31/2017 4:45:55 PM



#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:	225	Resp:	239518
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.6
227	63.2	50.6	76.0





#35

Caprolactam

Concen: 46.50 ng/ml

RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

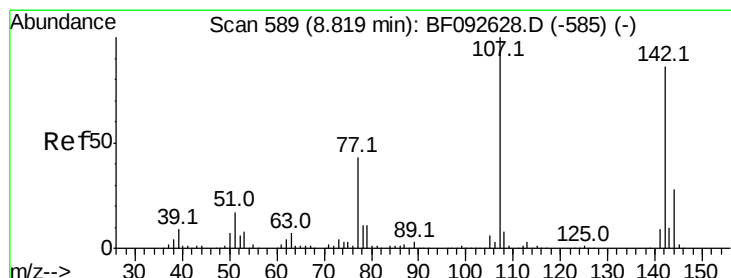
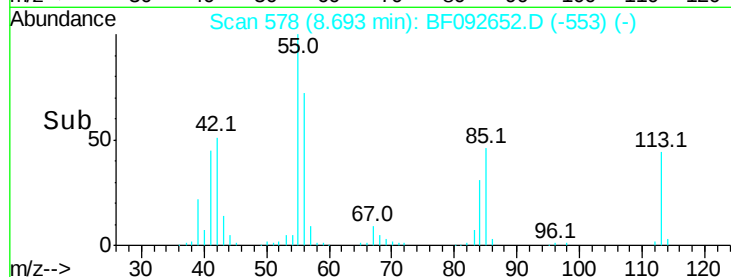
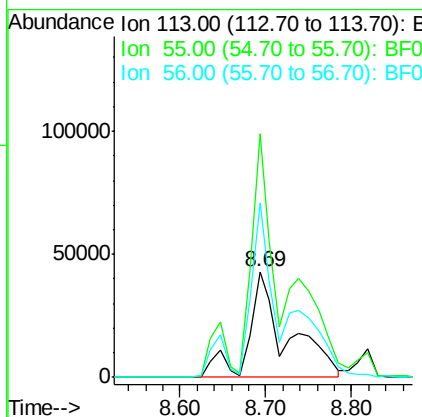
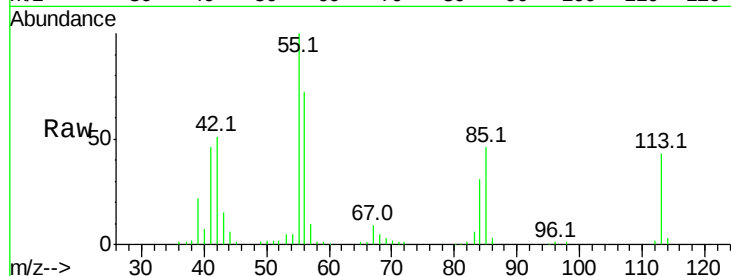
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.2	119.2	159.2#
56	165.0	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 53.45 ng/ml

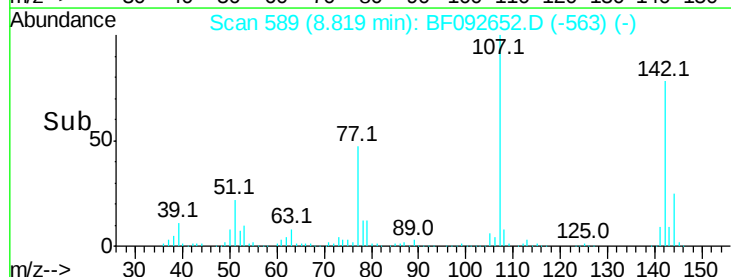
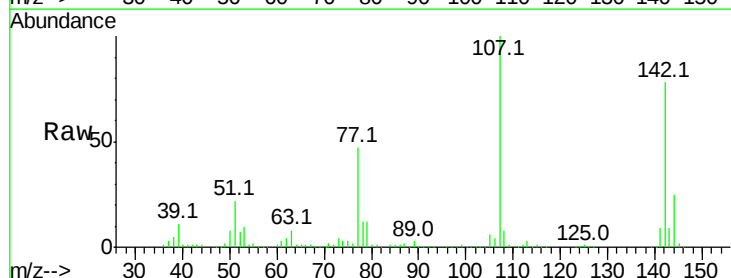
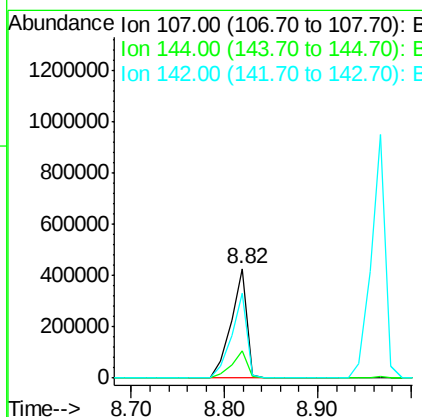
RT: 8.82 min Scan# 589

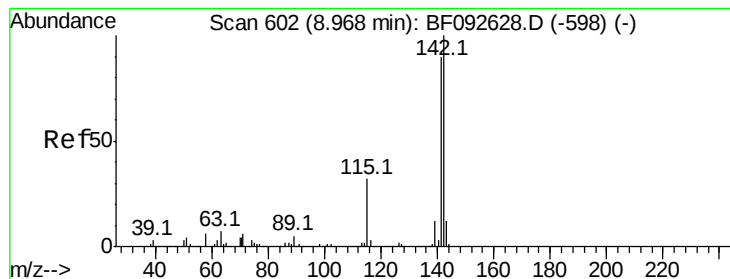
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	77.8	59.0	88.6





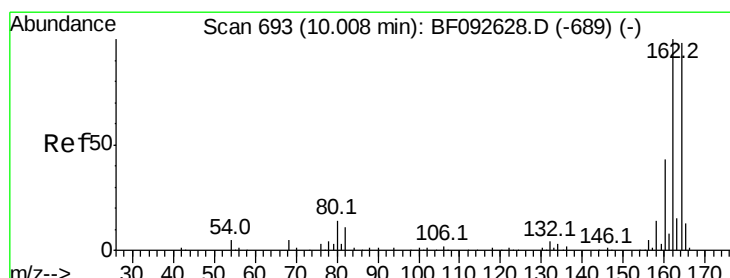
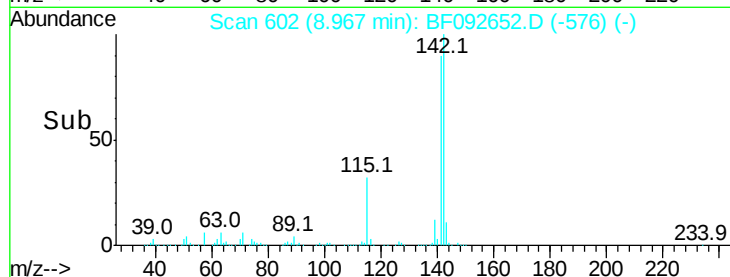
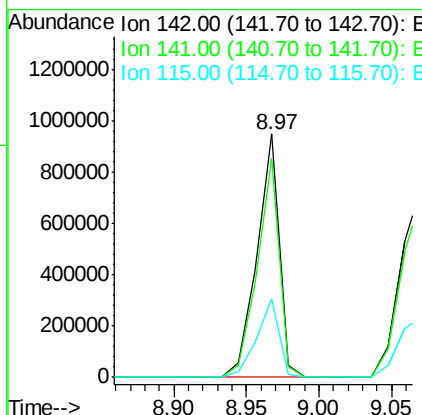
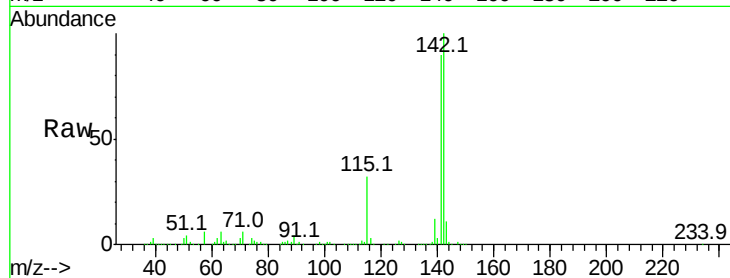
#37
2-Methylnaphthalene
Concen: 48.74 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:142 Resp: 1007523
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 32.5 28.3 42.5

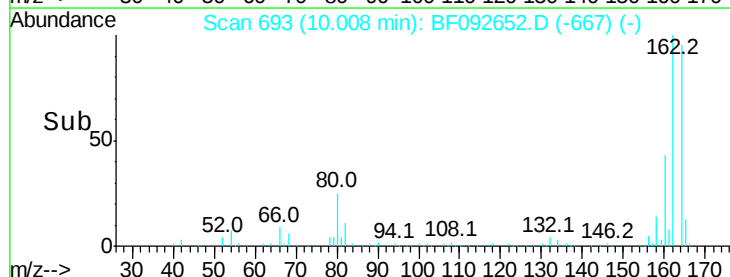
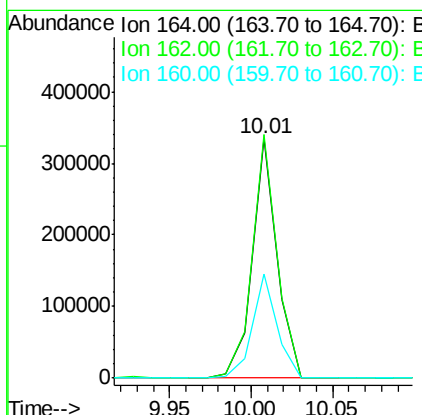
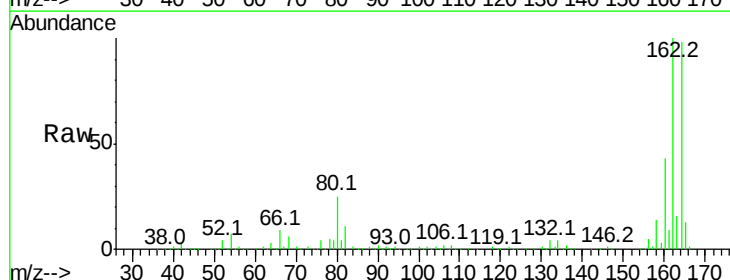
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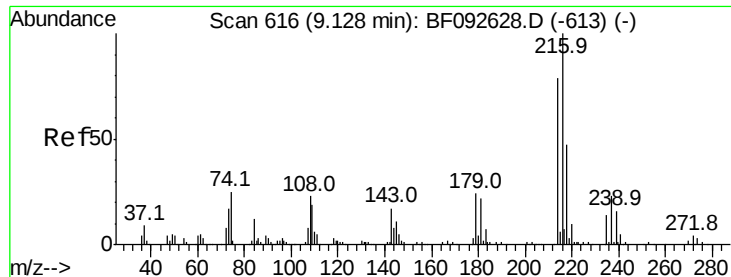
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:164 Resp: 352284
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 43.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.25 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

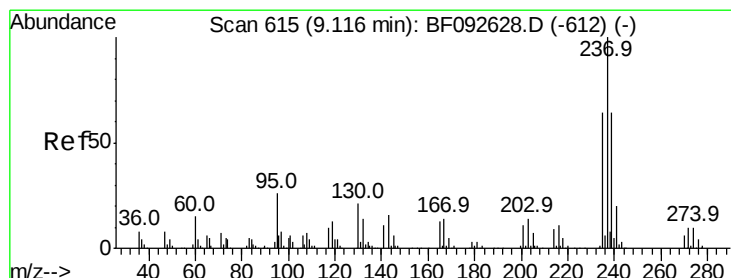
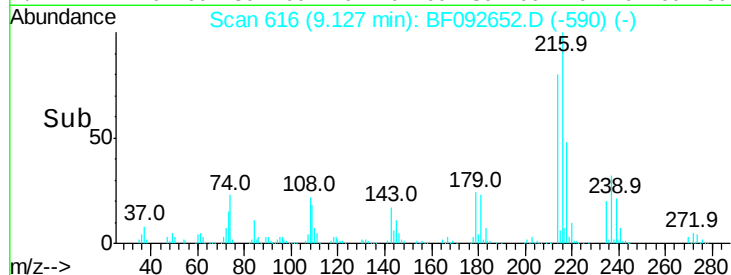
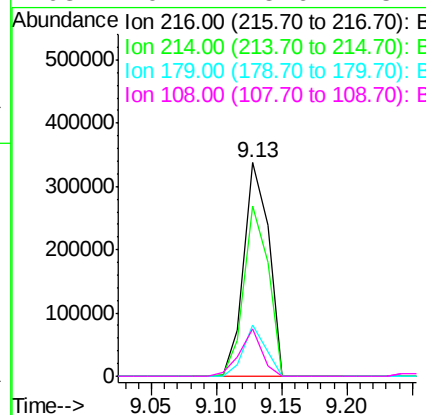
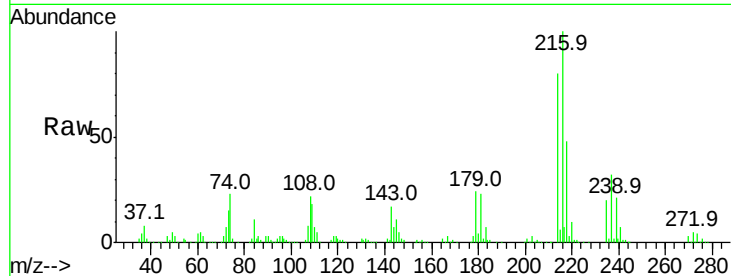
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	216	Resp:	447472
Ion Ratio		Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.3	17.4	26.2
108	19.7	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 88.28 ng

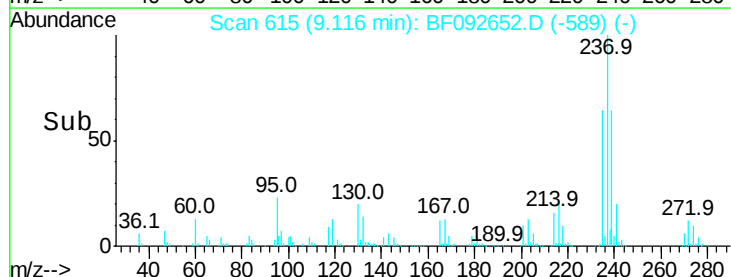
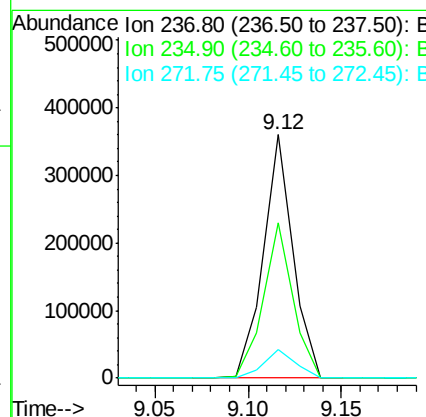
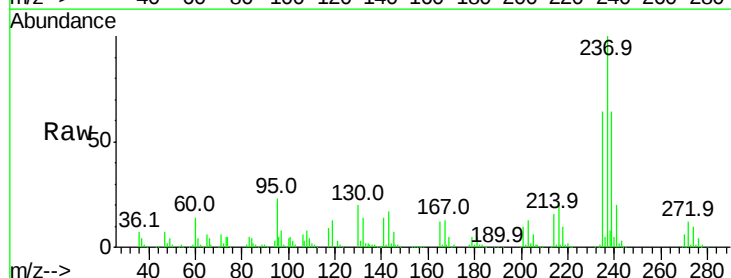
RT: 9.12 min Scan# 615

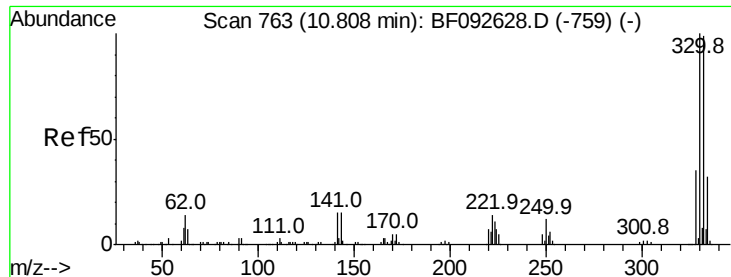
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:	237	Resp:	393852
Ion Ratio		Lower	Upper
237	100		
235	63.8	41.2	81.2
272	11.8	0.0	35.4





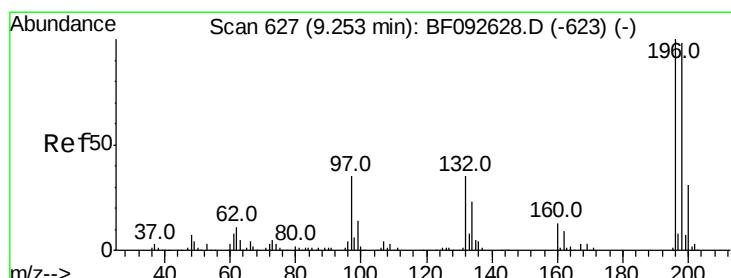
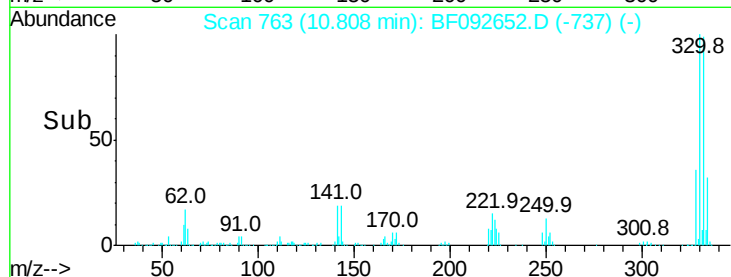
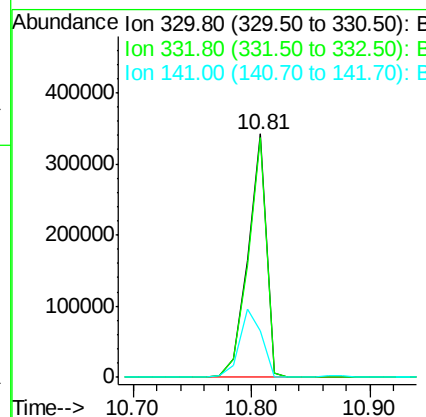
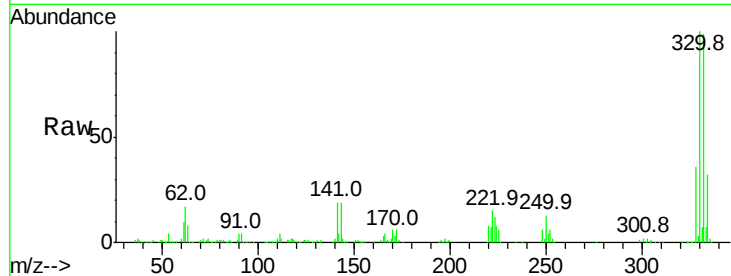
#41
 2,4,6-Tribromophenol
 Concen: 146.04 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	372107		
332	97.9	77.4	116.2	
141	33.8	34.1	51.1#	

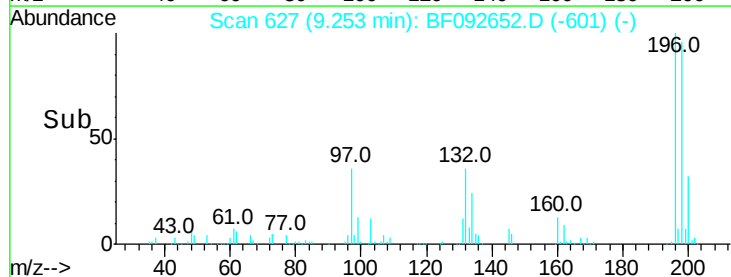
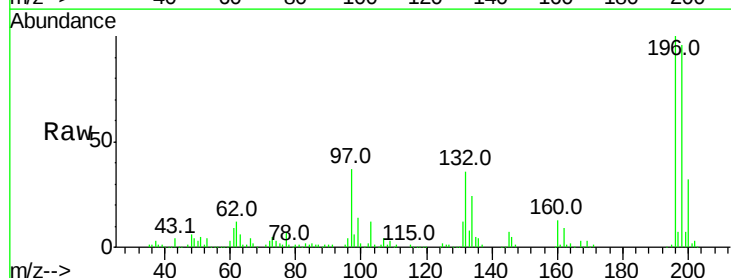
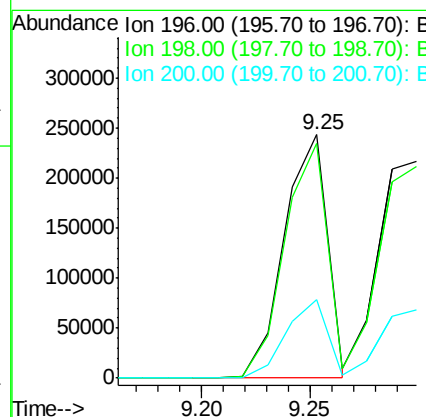
Manual Integrations
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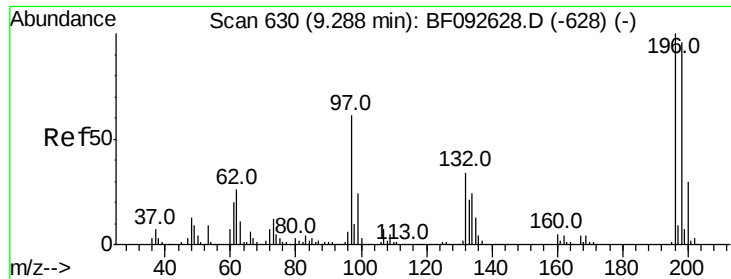
mohammad
 1/31/2017 4:45:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.70 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335931		
198	96.4	82.1	123.1	
200	32.5	27.0	40.4	





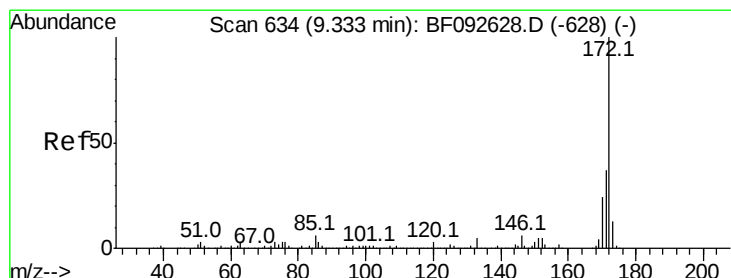
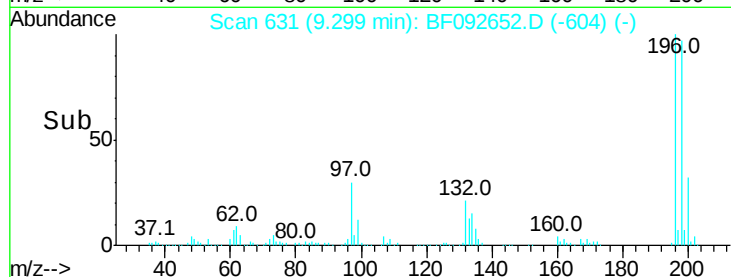
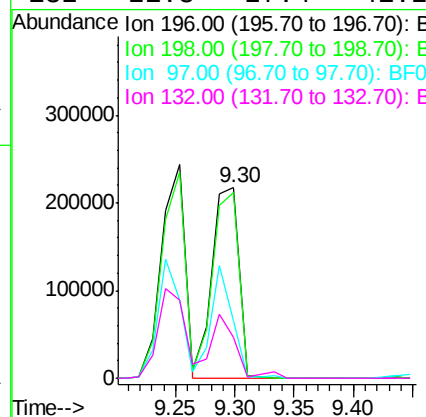
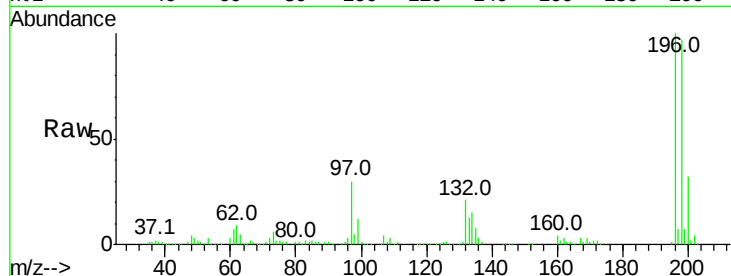
#43
 2,4,5-Trichlorophenol
 Concen: 47.29 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	196	Resp:	336707
Ion Ratio	Lower	Upper	
196	100		
198	97.4	79.4	119.2
97	30.1	51.5	77.3#
132	21.3	27.4	41.2#

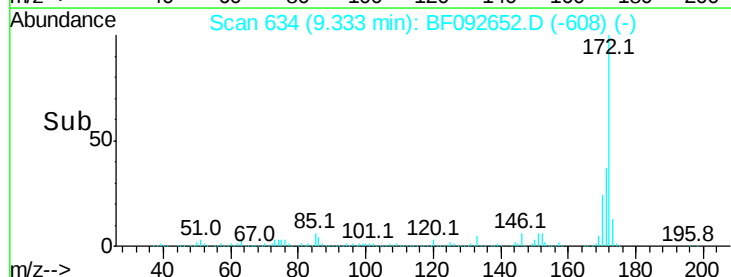
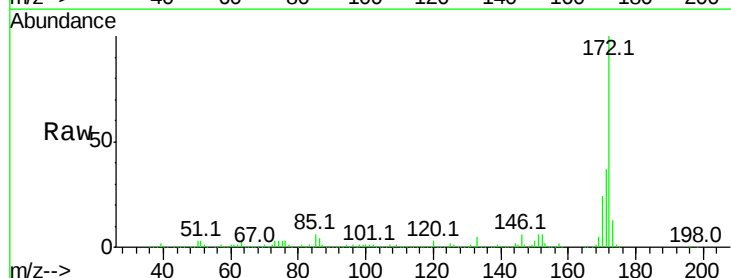
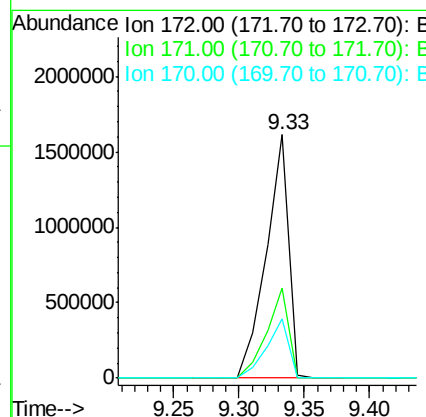
Manual Integrations
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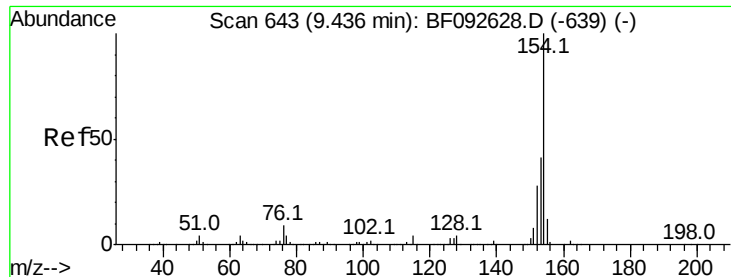
mohammad
 1/31/2017 4:45:55 PM



#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:	172	Resp:	1937480
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	24.4	20.2	30.4





#45

1,1'-Biphenyl

Concen: 49.73 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:154 Resp: 1268480

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

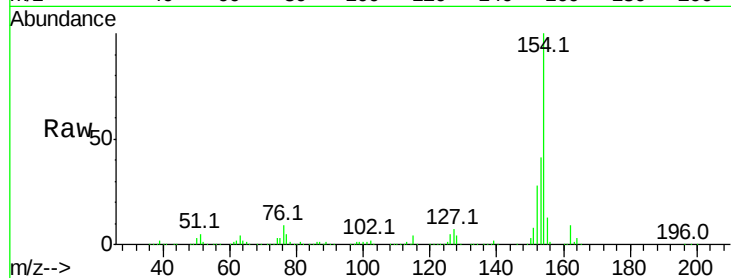
76 9.2 0.0 30.5

Manual Integrations

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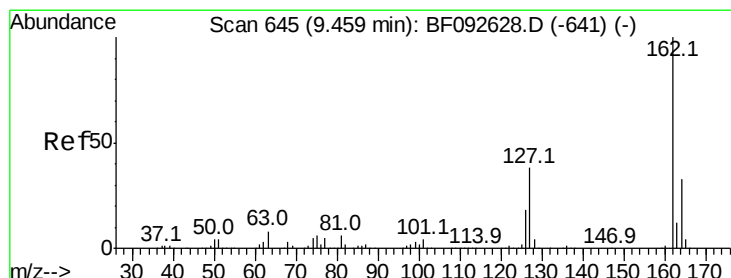
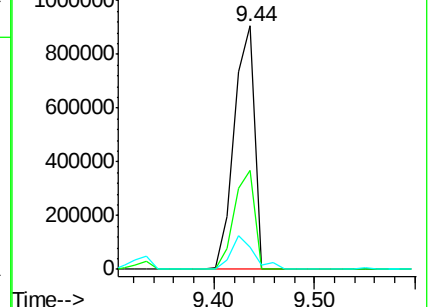
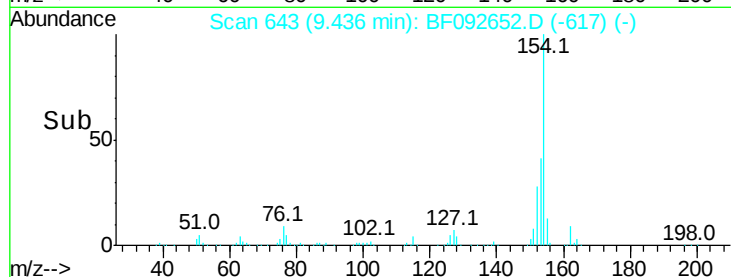
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.32 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

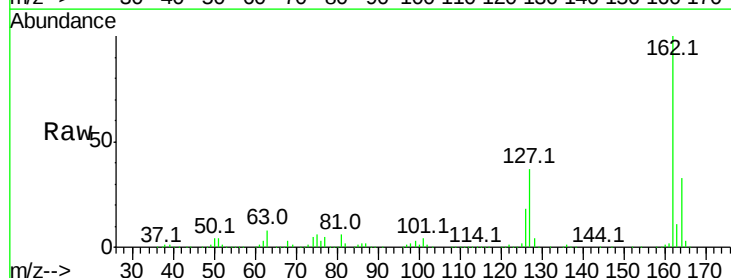
Tgt Ion:162 Resp: 1004068

Ion Ratio Lower Upper

162 100

127 37.4 30.7 46.1

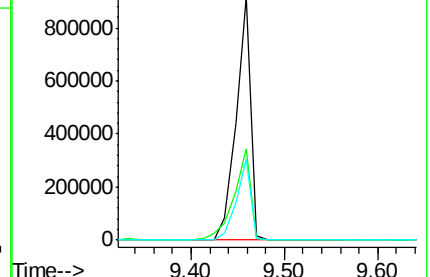
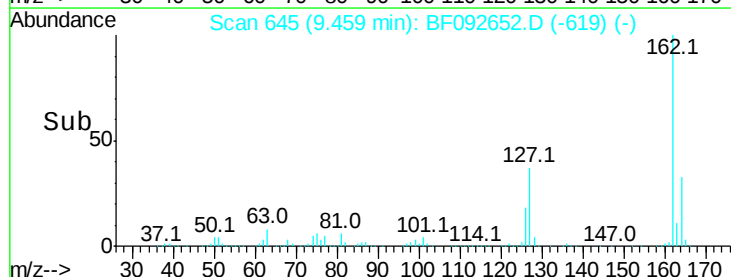
164 33.0 27.6 41.4

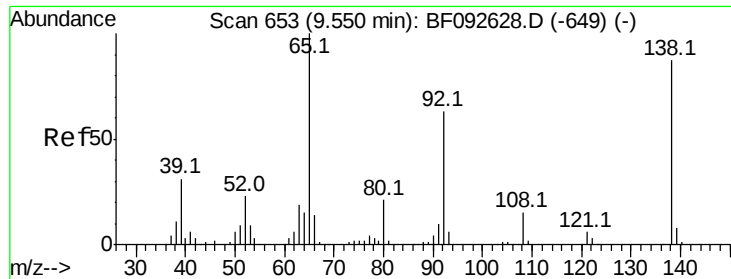


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





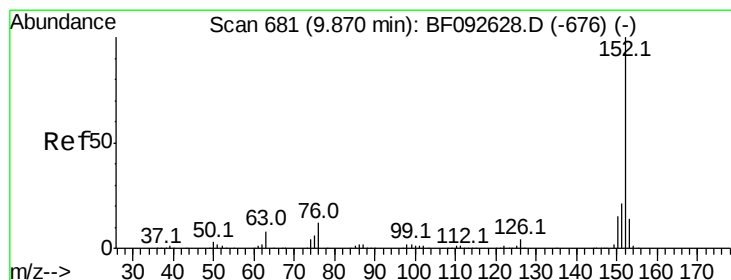
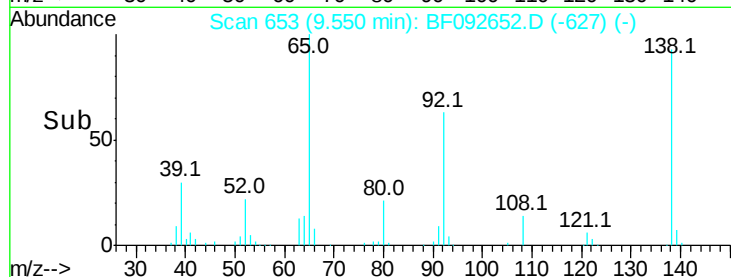
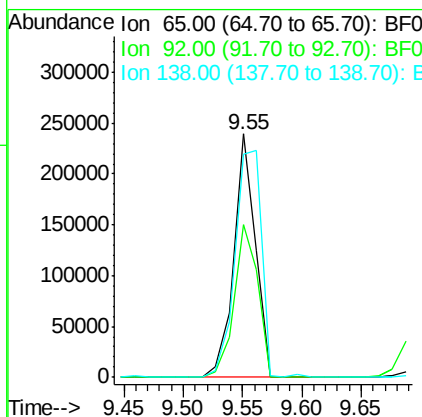
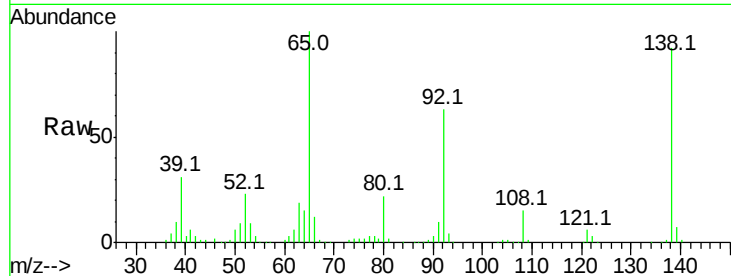
#47
2-Nitroaniline
Concen: 45.01 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	91.7	76.8	115.2

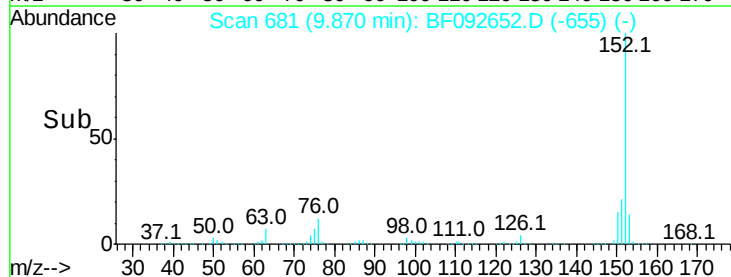
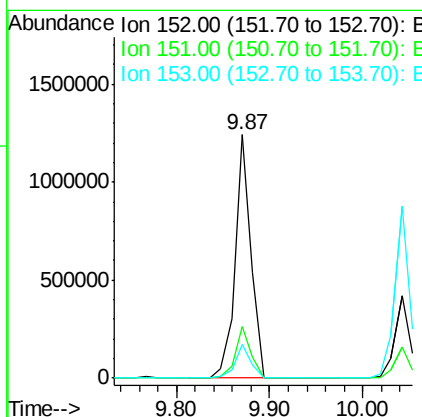
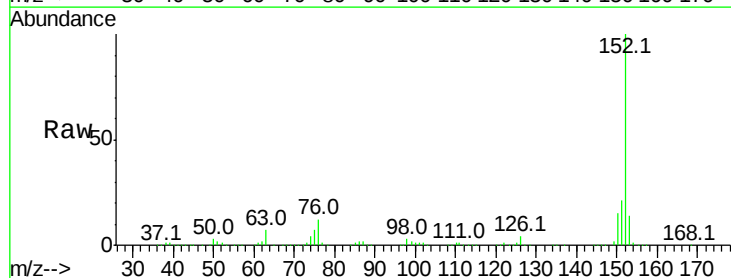
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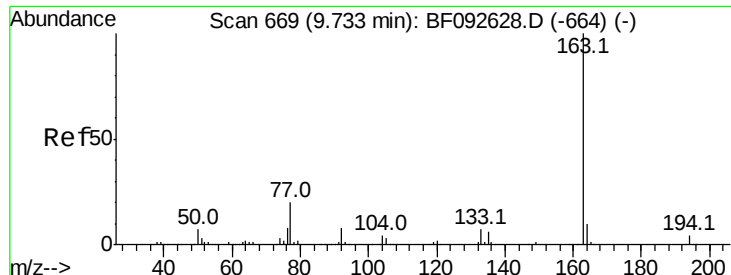
mohammad
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#48
Acenaphthylene
Concen: 42.43 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.9	11.4	17.2





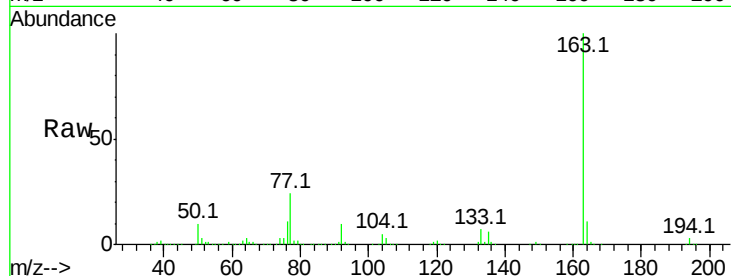
#49
Dimethylphthalate
Concen: 52.98 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

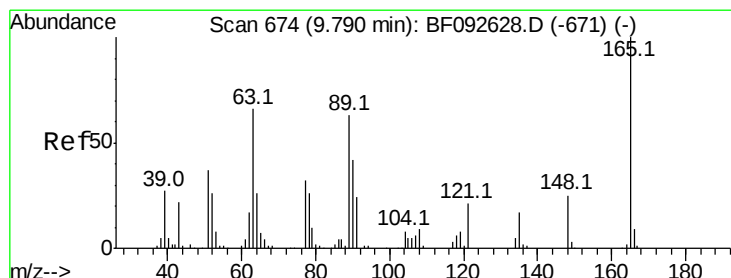
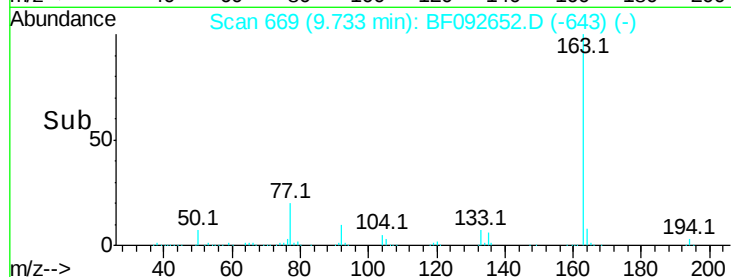
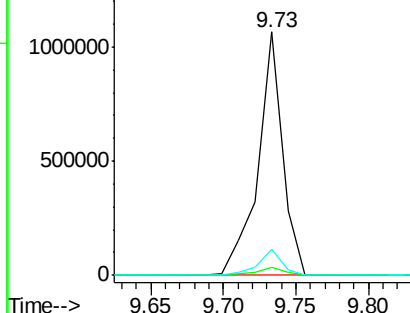
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	8.0	12.0

Manual Integrations
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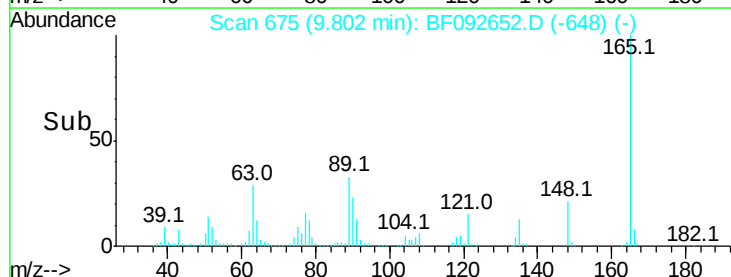
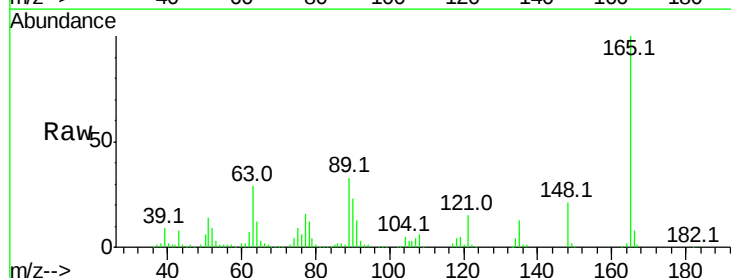
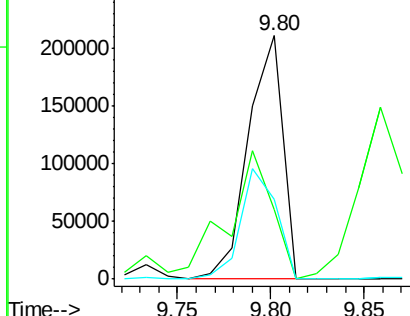
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

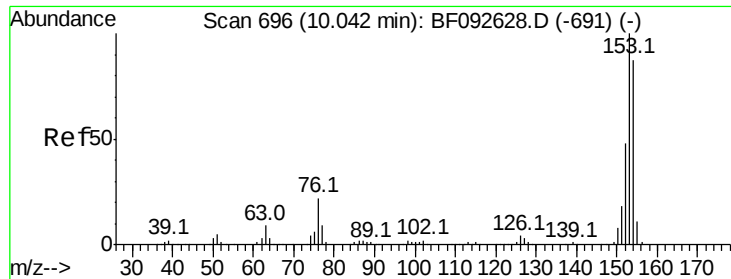


#50
2,6-Dinitrotoluene
Concen: 52.70 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.8	36.2	54.4#
89	32.8	40.2	60.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





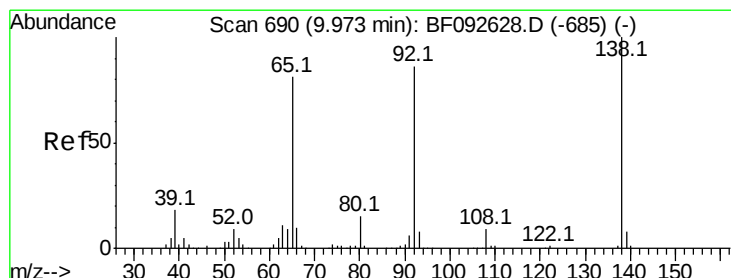
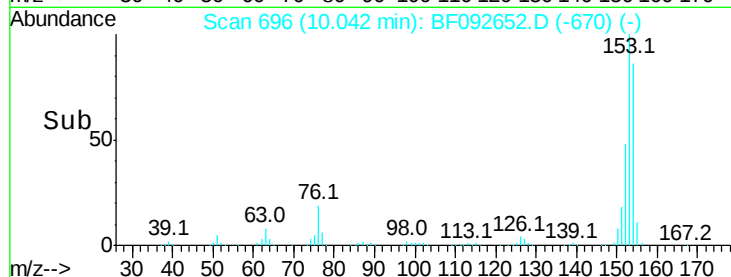
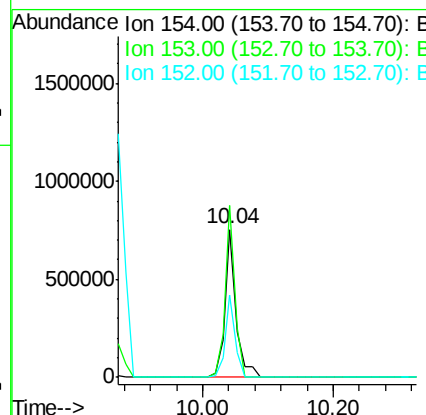
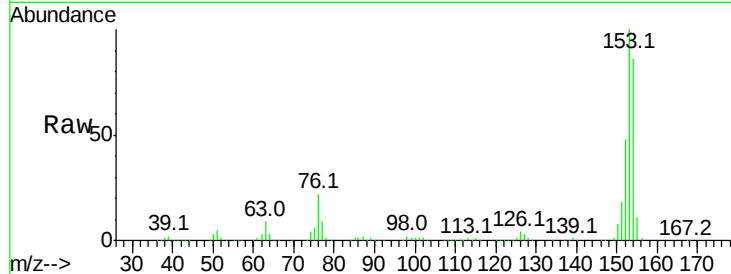
#51
Acenaphthene
Concen: 43.87 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	88.6	133.0
152	55.7	41.6	62.4

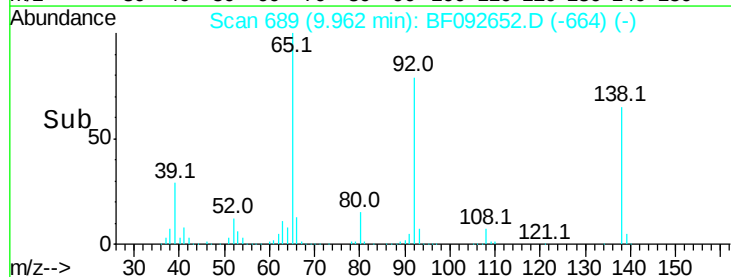
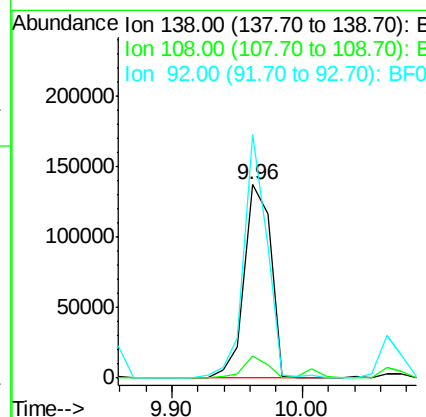
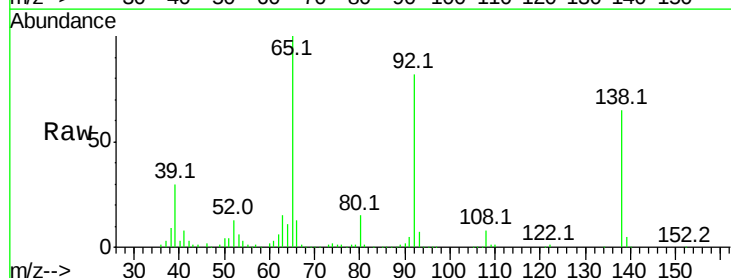
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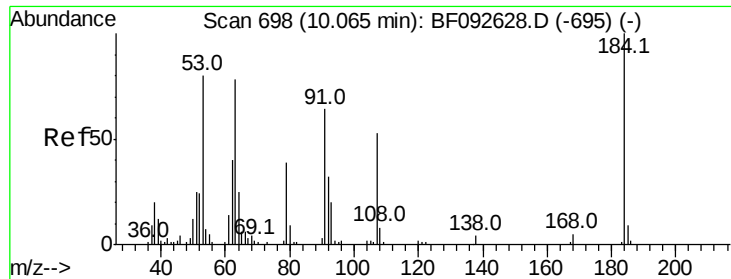
mohammad
1/31/2017 4:45:55 PM



#52
3-Nitroaniline
Concen: 33.26 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	125.9	97.8	146.8





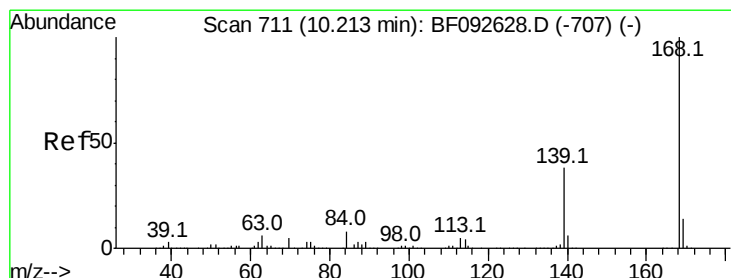
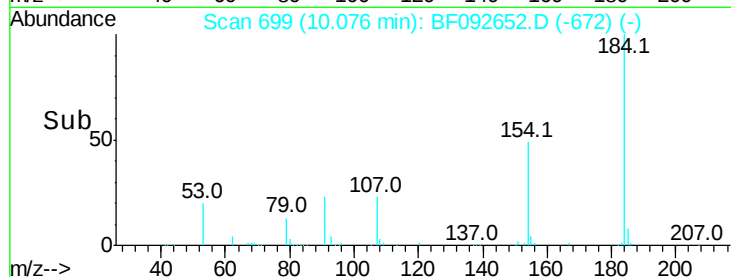
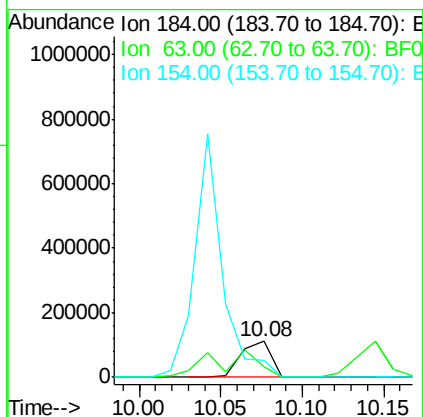
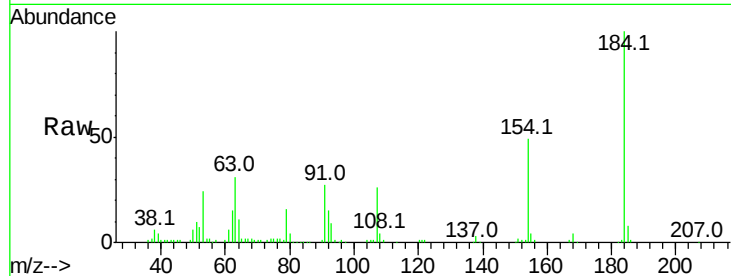
#53
2,4-Dinitrophenol
Concen: 57.45 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	30.7	28.4	42.6
154	49.0	44.3	66.5

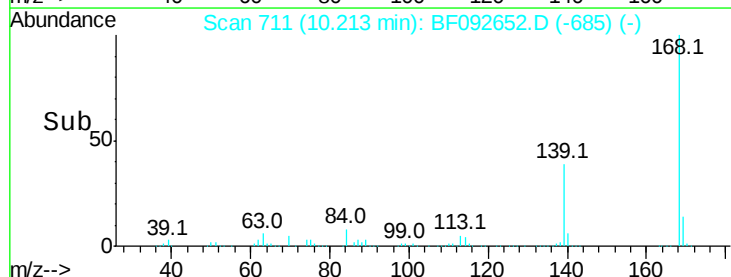
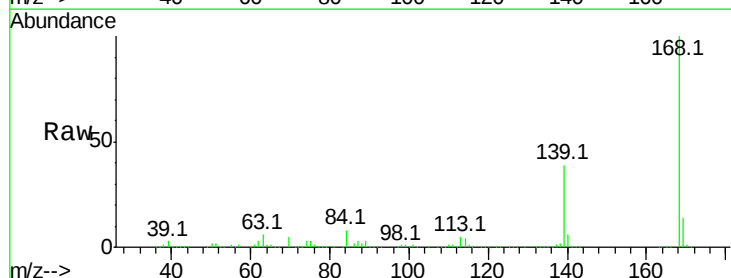
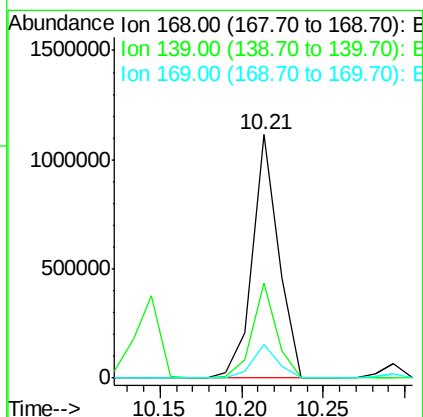
Manual Integrations
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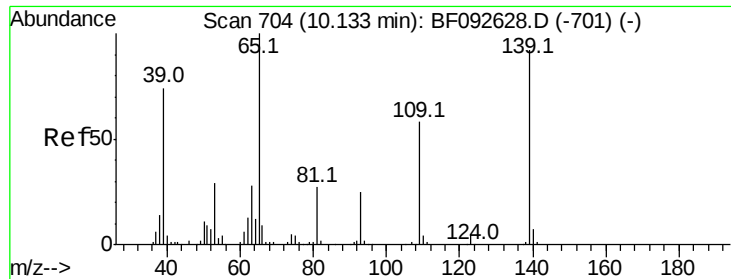
mohammad
1/31/2017 4:45:55 PM



#54
Dibenzofuran
Concen: 45.00 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.6	49.0
169	14.1	11.3	16.9





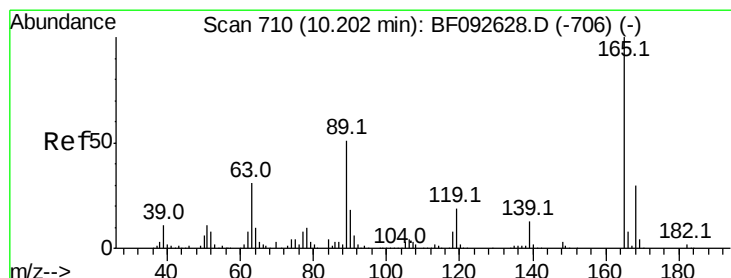
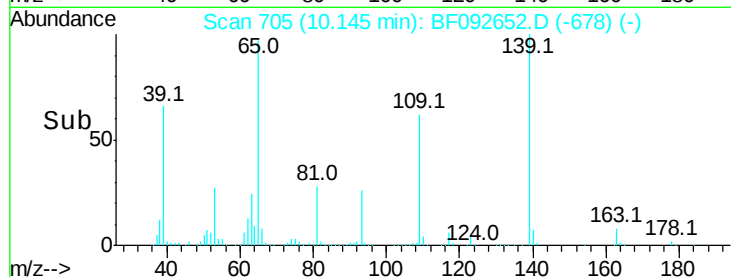
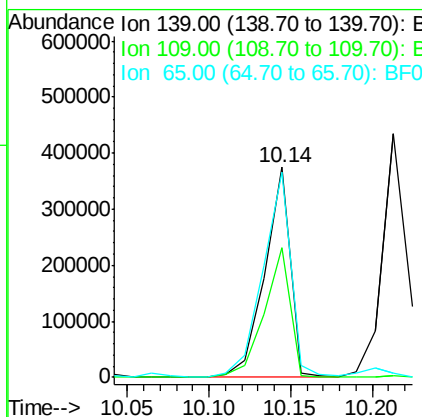
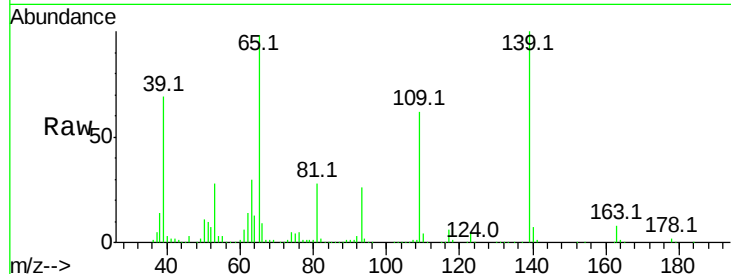
#55
4-Nitrophenol
Concen: 97.38 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.6	52.2	92.2	
65	97.8	85.8	125.8	

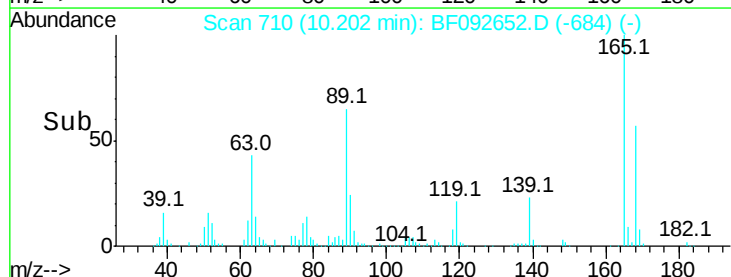
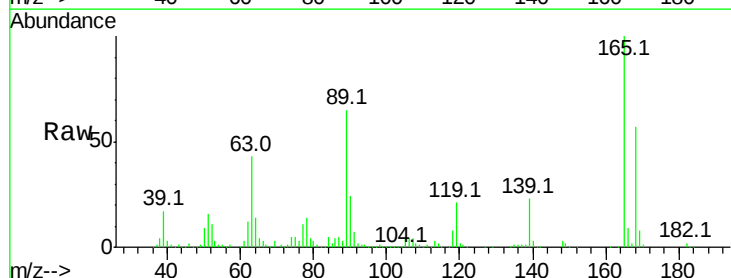
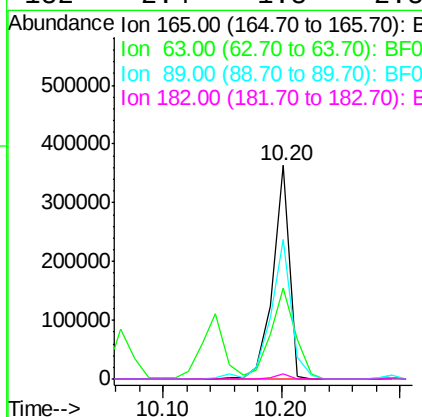
Manual Integrations
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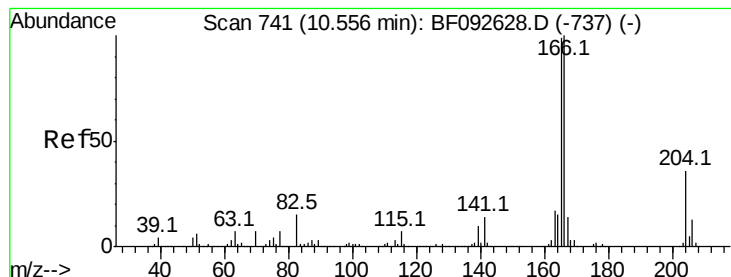
mohammad
1/31/2017 4:45:55 PM



#56
2,4-Dinitrotoluene
Concen: 52.16 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.6	40.2	60.4	
89	65.2	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 43.30 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:166 Resp: 918422

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

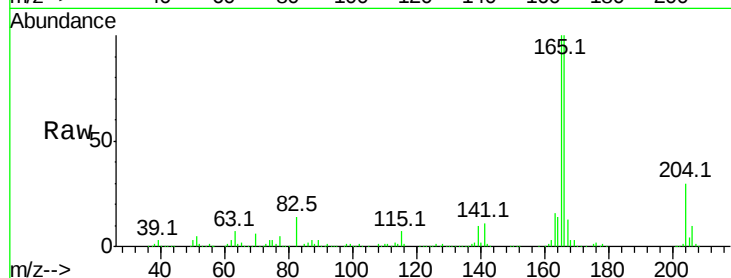
167 13.5 10.8 16.2

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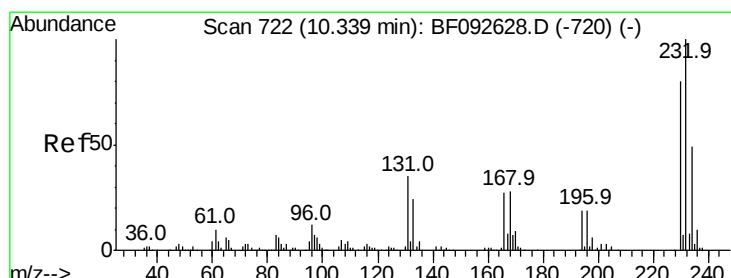
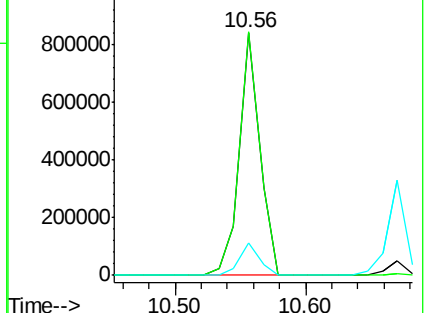
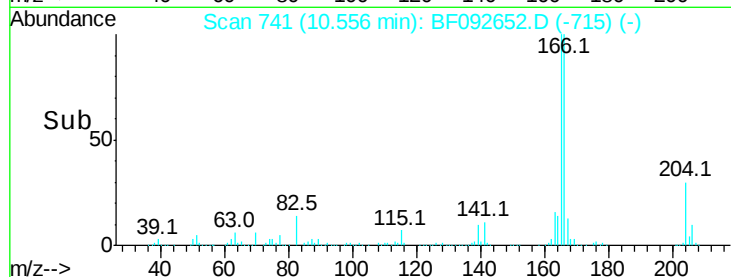
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.48 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:232 Resp: 258752

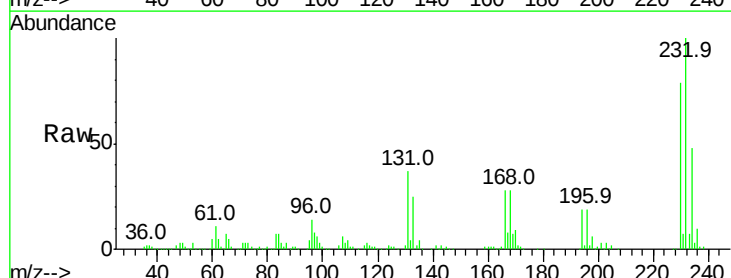
Ion Ratio Lower Upper

232 100

131 47.5 40.1 60.1

130 2.1 1.8 2.8

166 33.4 26.6 39.8

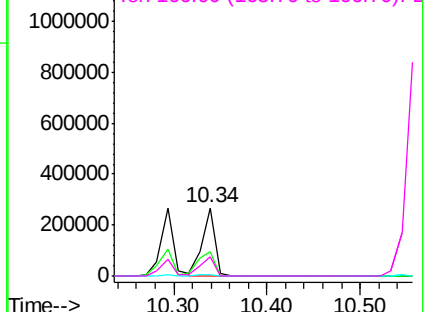
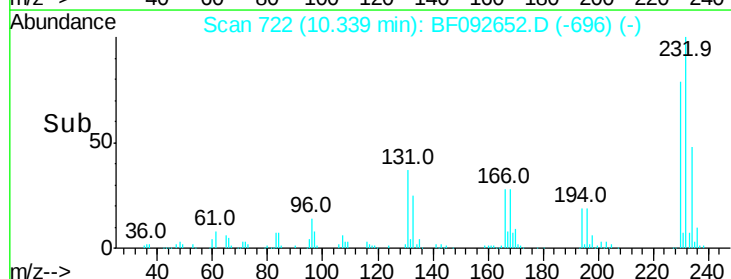


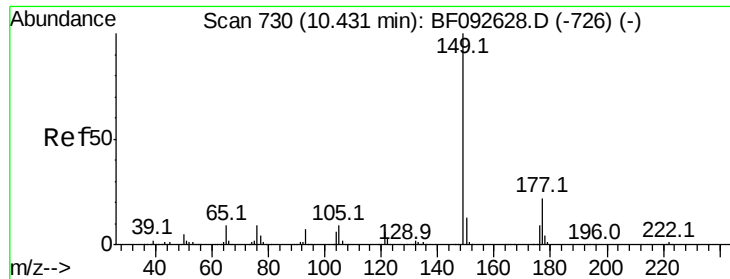
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





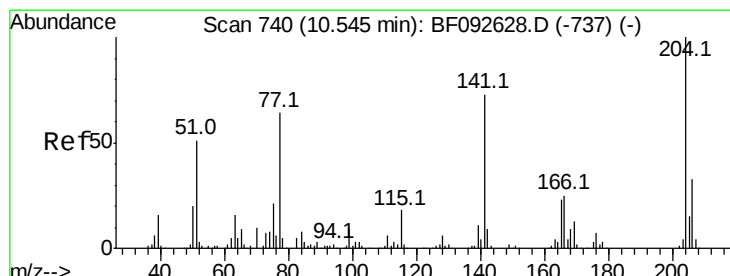
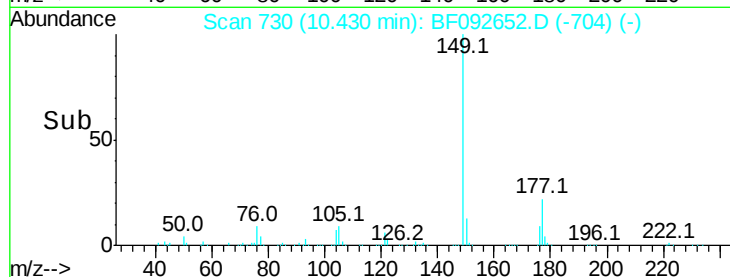
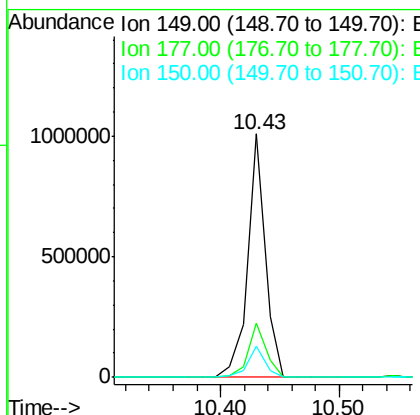
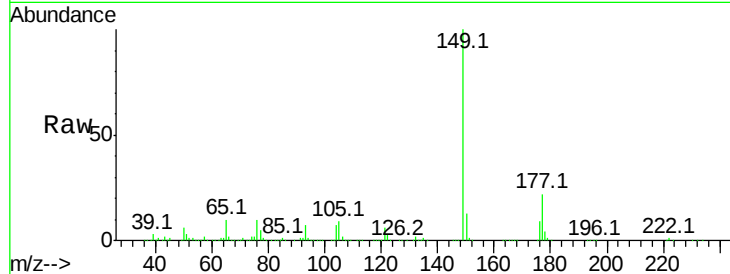
#59
Diethylphthalate
Concen: 46.98 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:149 Resp: 1050660
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.8 10.4 15.6

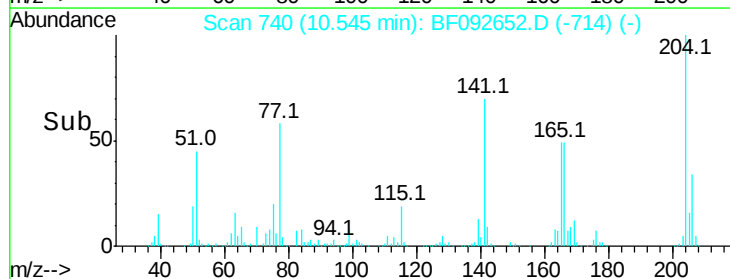
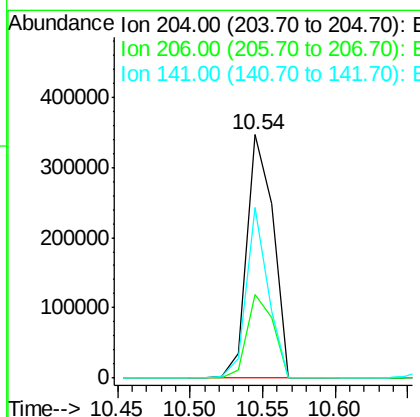
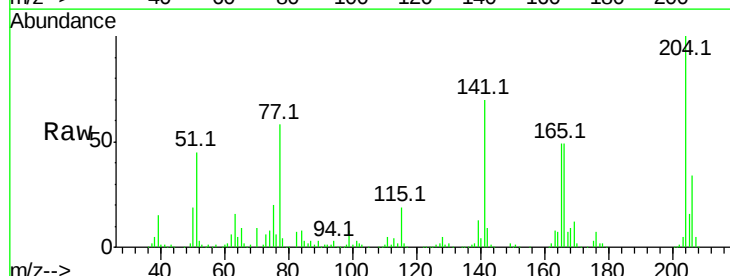
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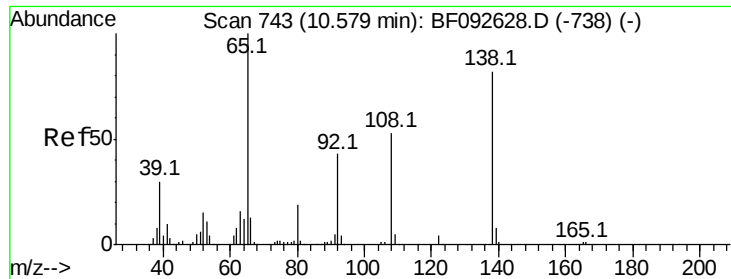
mohammad
1/31/2017 4:45:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.67 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:204 Resp: 434757
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 70.3 59.4 89.0





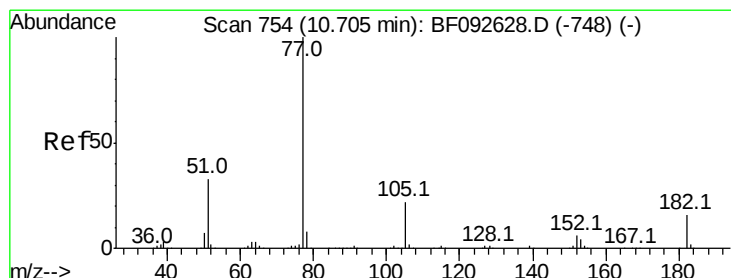
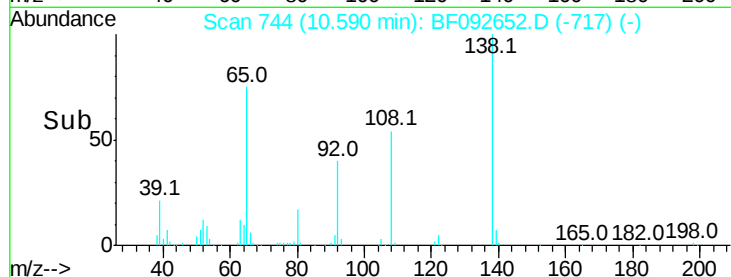
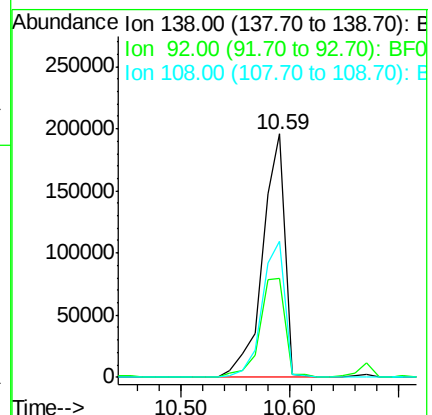
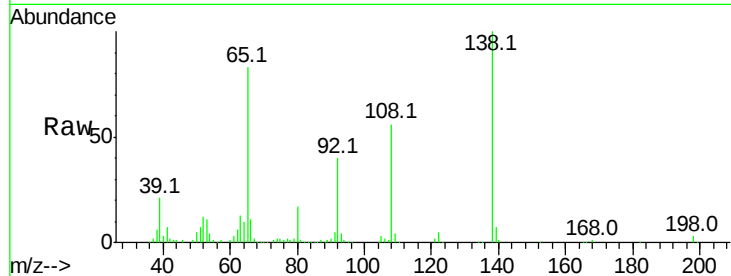
#61
4-Nitroaniline
Concen: 46.61 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.4	31.7	71.7
108	55.7	52.6	92.6

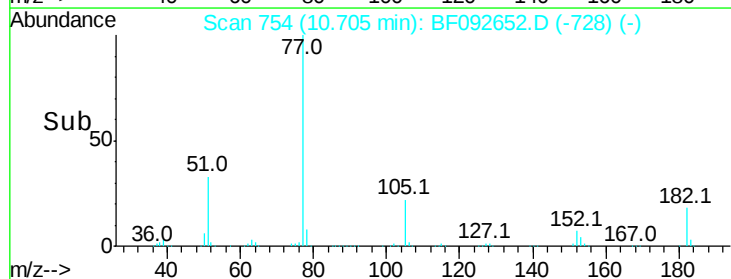
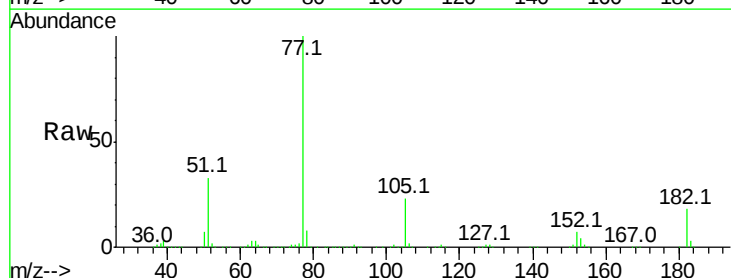
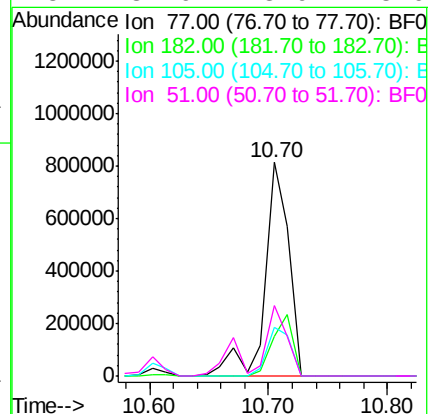
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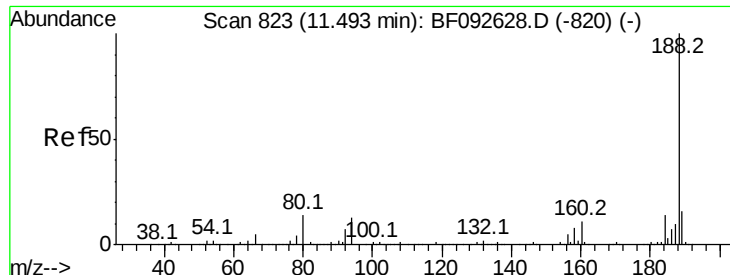
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#62
Azobenzene
Concen: 49.37 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	0.0	39.3
105	22.5	2.3	42.3
51	32.9	8.9	48.9





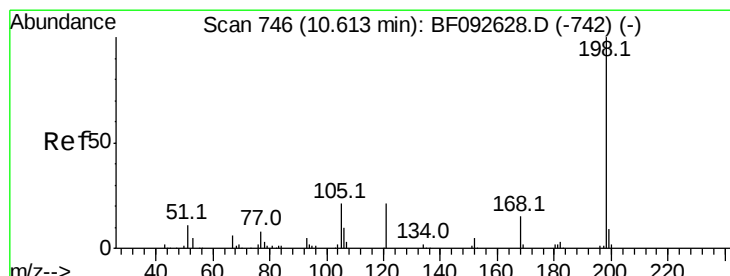
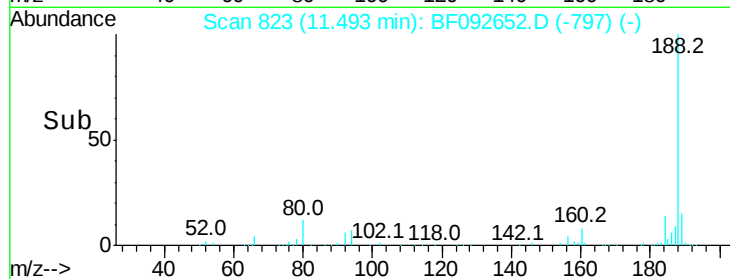
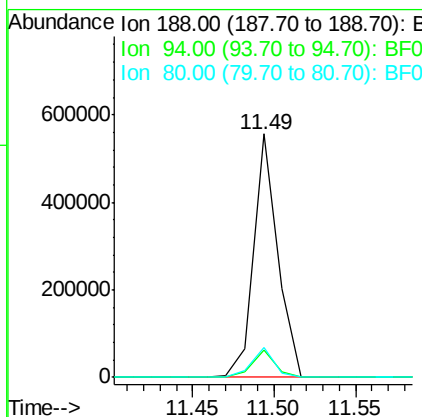
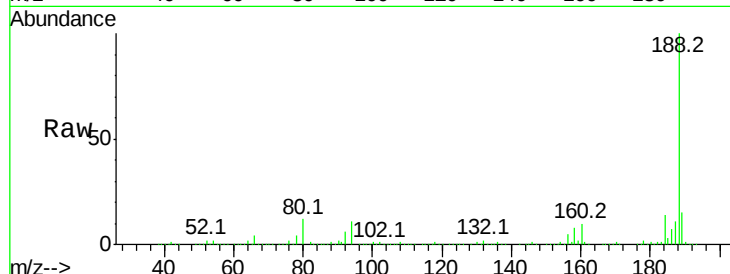
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	569934		
94	11.5		10.0	15.0
80	12.3		11.2	16.8

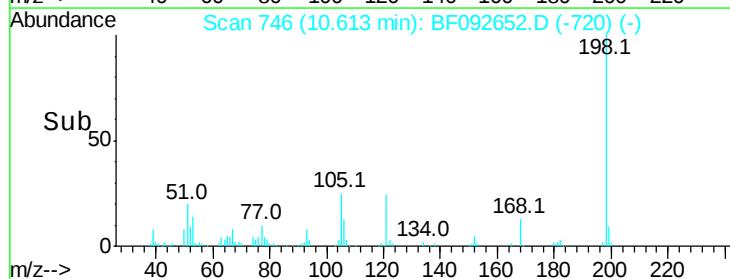
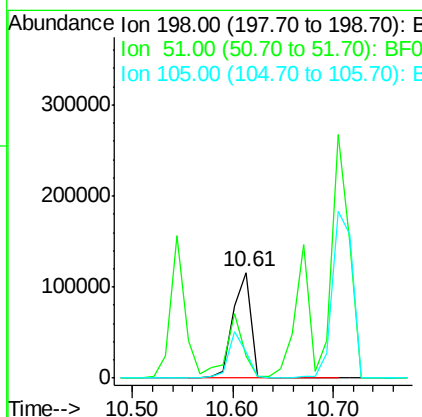
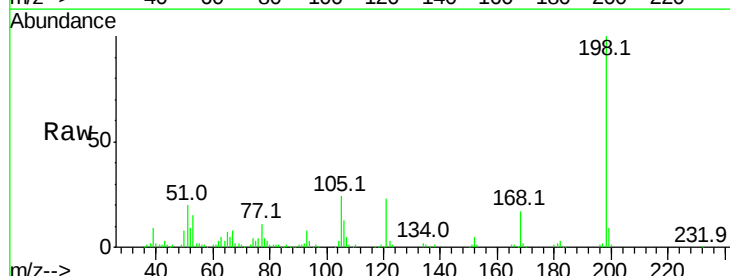
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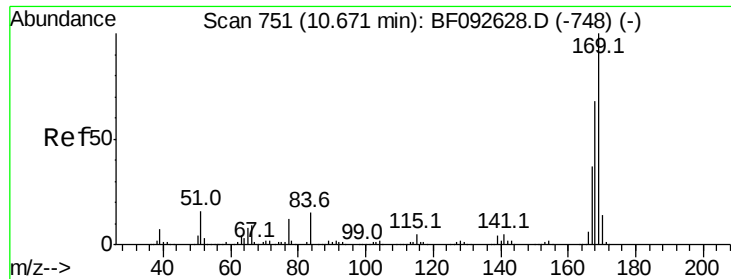
mohammad
 1/31/2017 4:45:55 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.78 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	143651		
51	20.5		6.7	46.7
105	24.4		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 46.33 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

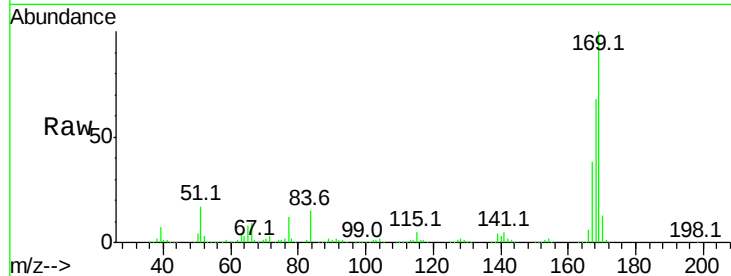
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

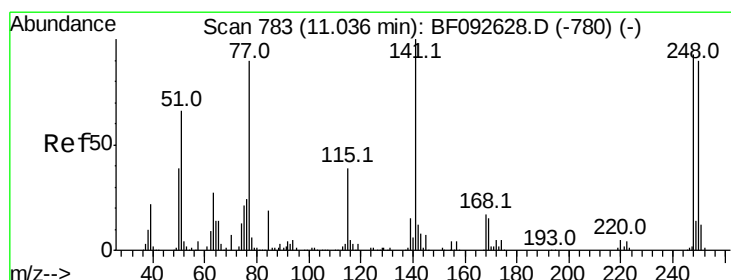
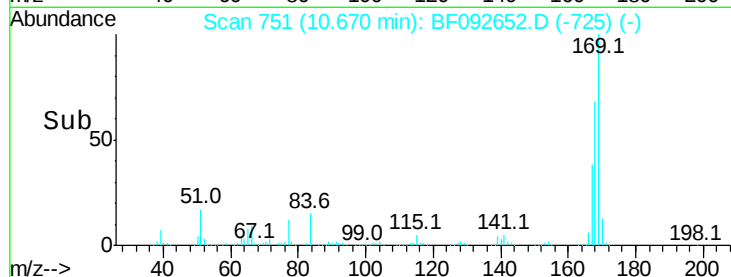
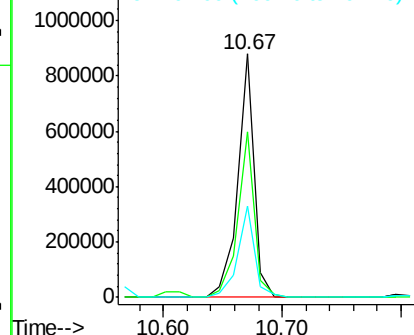
Tot Ion:	169	Resp:	843461
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.2
167	37.6	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.04 ng

RT: 11.04 min Scan# 783

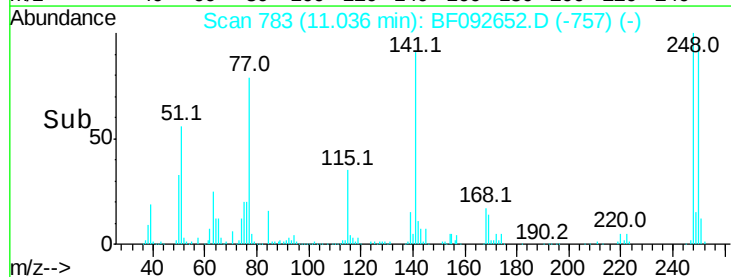
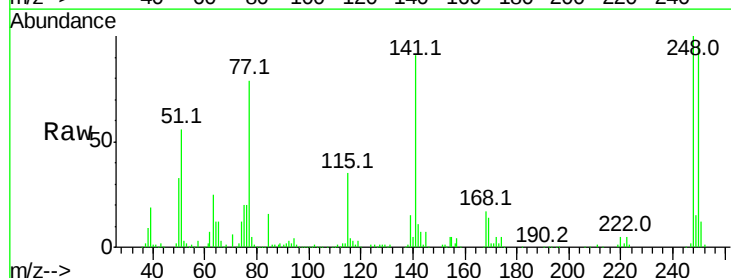
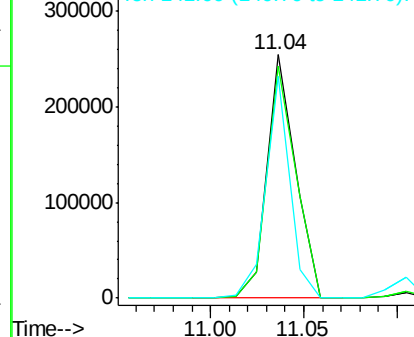
Delta R.T. -0.00 min

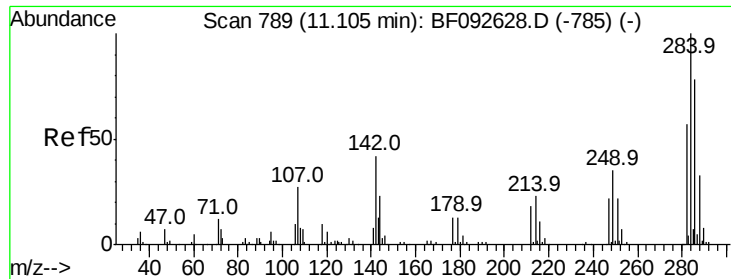
Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:	248	Resp:	268215
Ion Ratio	Lower	Upper	
248	100		
250	95.1	76.9	115.3
141	91.4	68.2	102.4

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





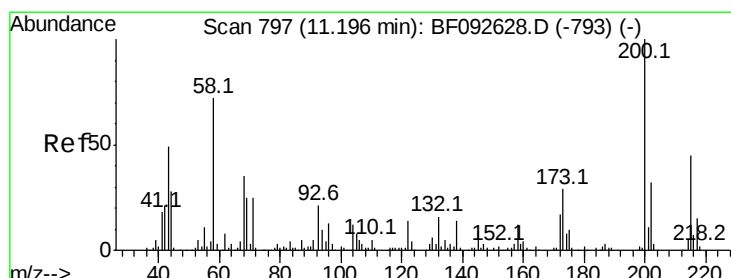
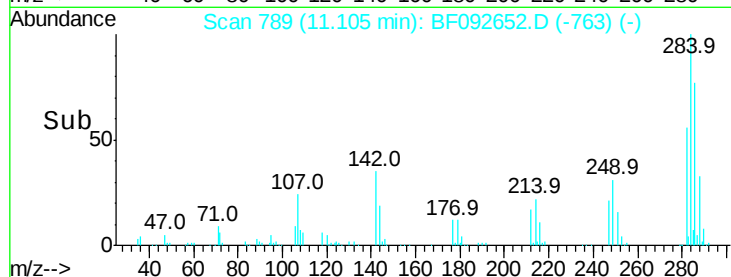
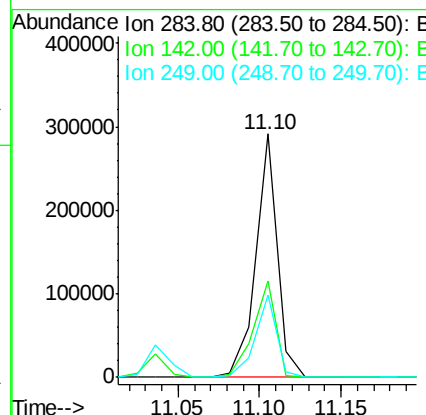
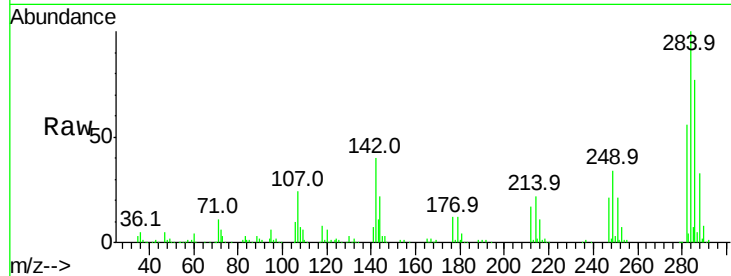
#67
Hexachlorobenzene
Concen: 45.34 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	266779		
142	39.6	22.6	33.8#	
249	34.0	25.4	38.0	

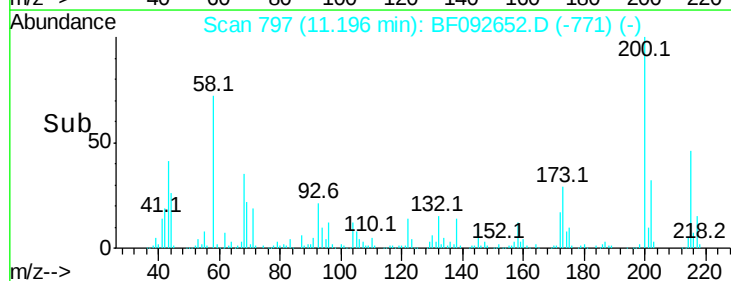
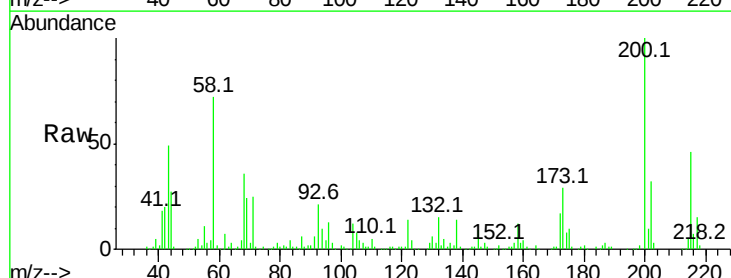
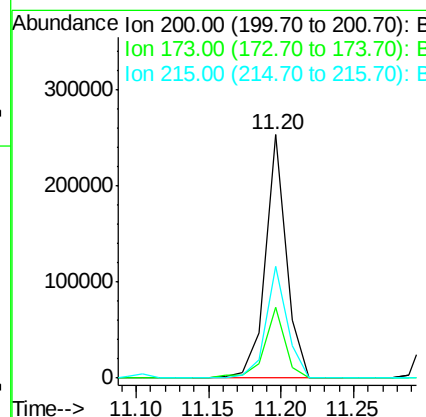
Manual Integrations
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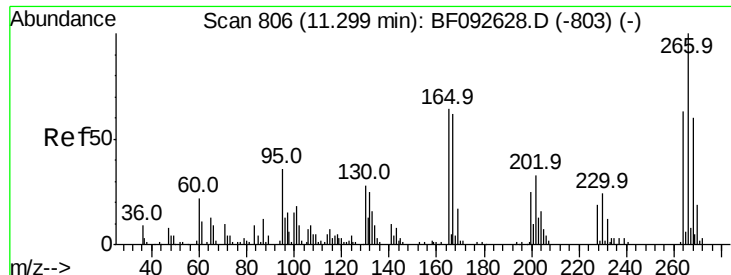
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1/31/2017 4:45:55 PM



#68
Atrazine
Concen: 43.45 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	253875		
173	29.2	9.6	49.6	
215	46.0	25.7	65.7	





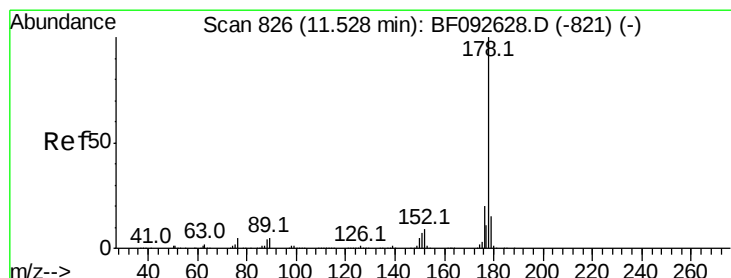
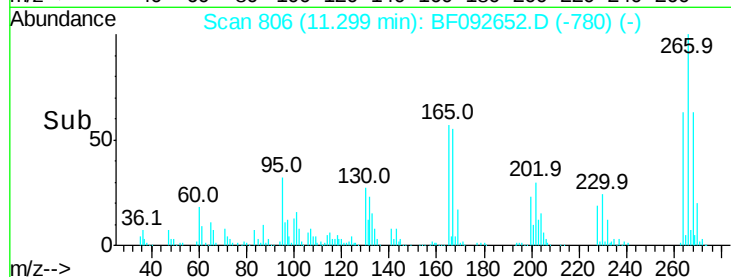
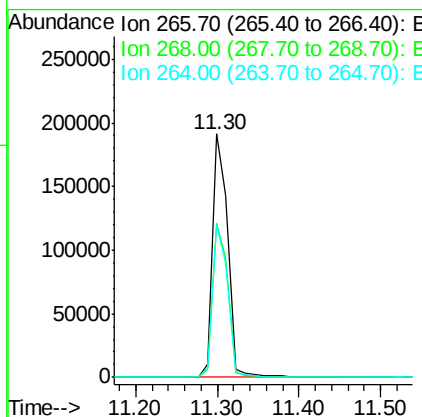
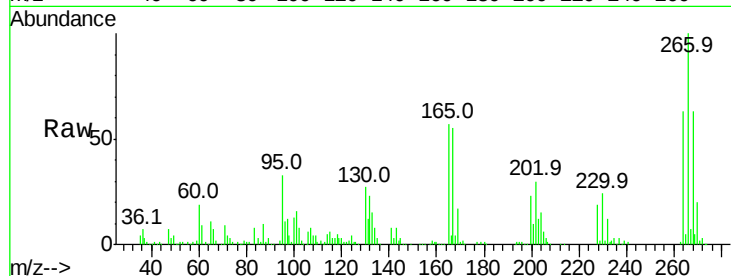
#69
 Pentachlorophenol
 Concen: 81.67 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleID :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	248594		
268	63.3		53.3	79.9
264	62.7		50.3	75.5

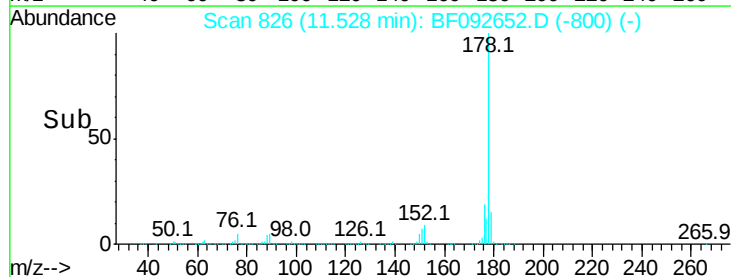
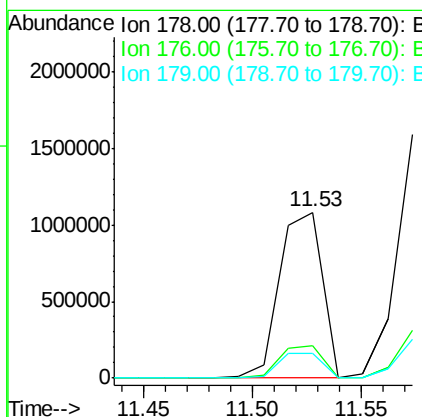
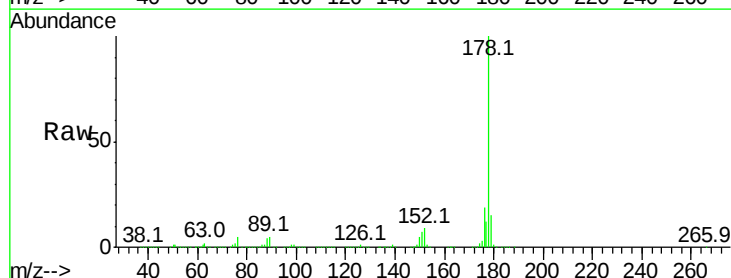
Manual Integrations
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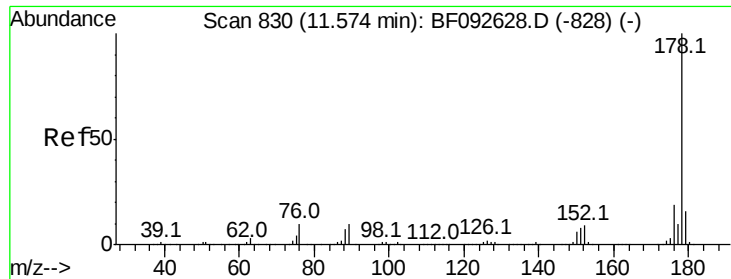
mohammad
 1/31/2017 4:45:55 PM



#70
 Phenanthrene
 Concen: 45.85 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1497126		
176	19.4		16.6	25.0
179	15.0		12.8	19.2





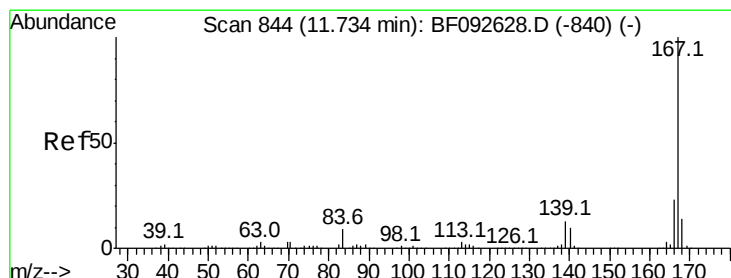
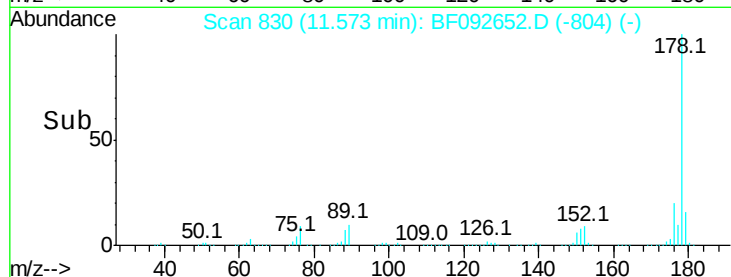
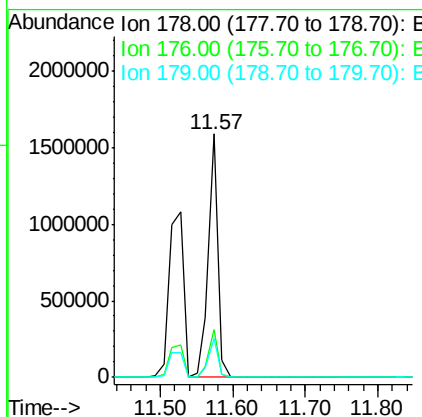
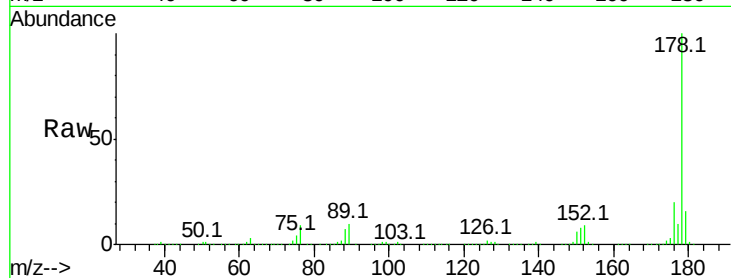
#71
 Anthracene
 Concen: 44.66 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:178 Resp: 1464446
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 13.2 19.8

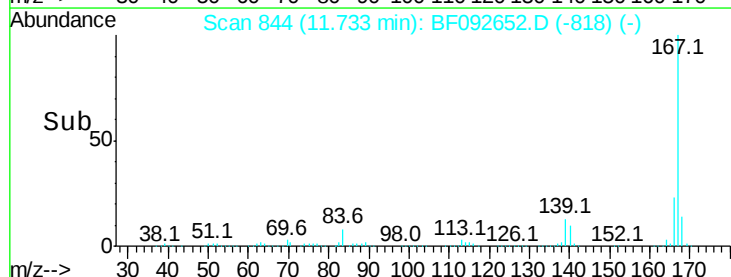
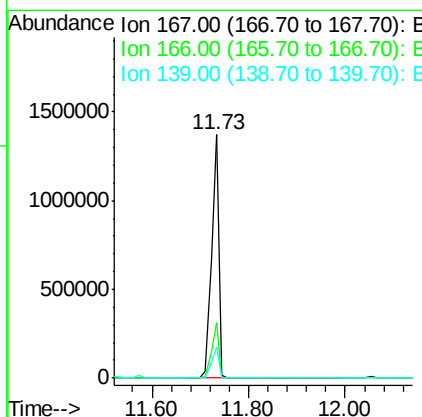
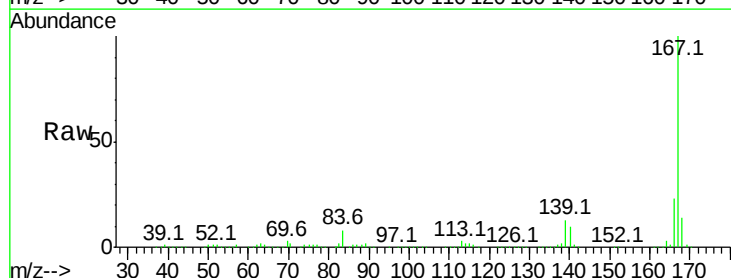
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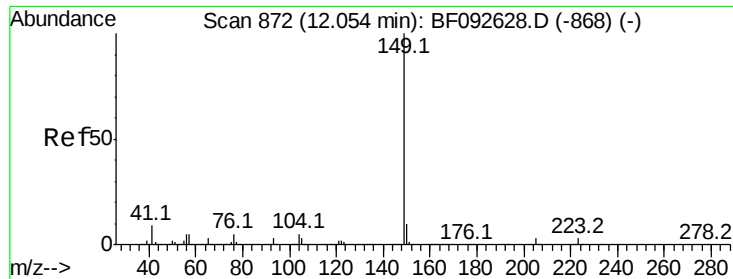
mohammad
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#72
 Carbazole
 Concen: 46.43 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:167 Resp: 1455264
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.19 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:149 Resp: 1565662

Ion Ratio Lower Upper

149 100

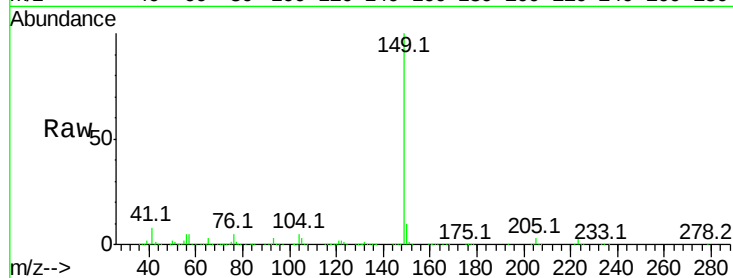
150 9.7 8.1 12.1

104 4.5 4.6 7.0#

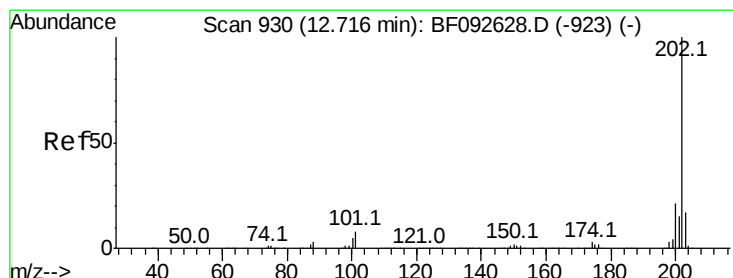
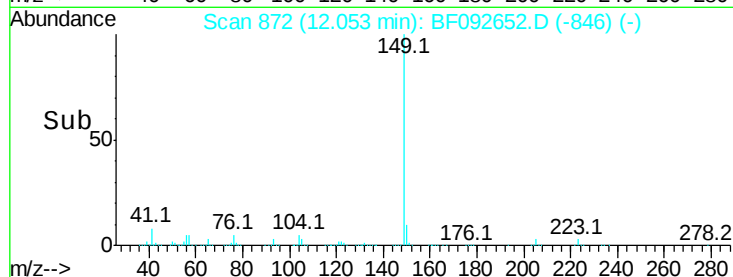
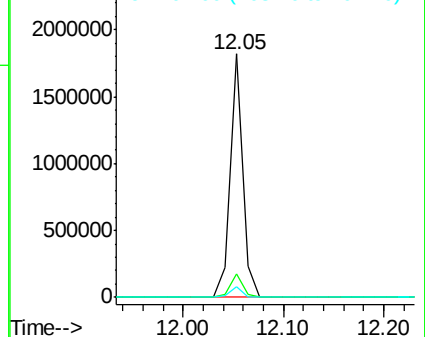
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.54 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

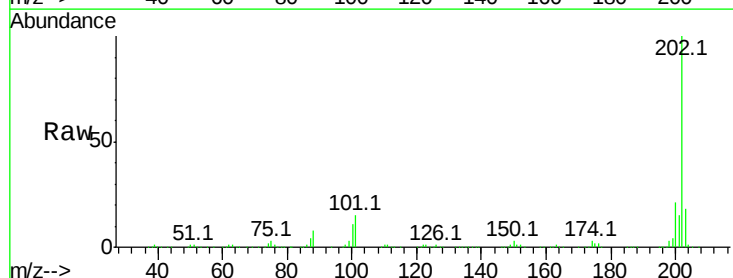
Tgt Ion:202 Resp: 1466598

Ion Ratio Lower Upper

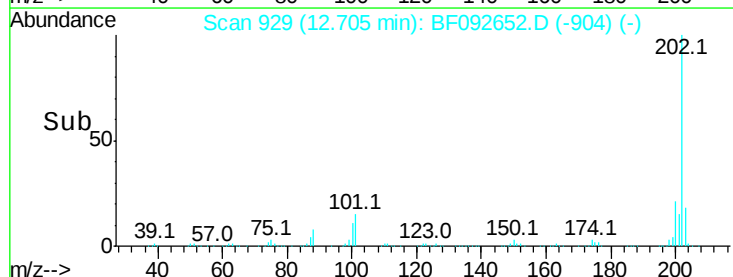
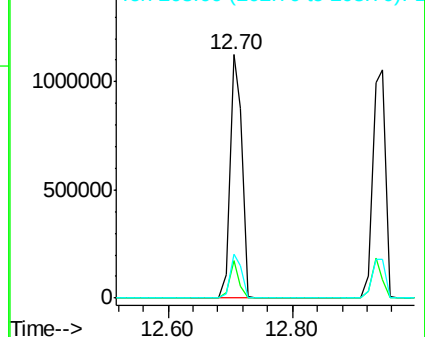
202 100

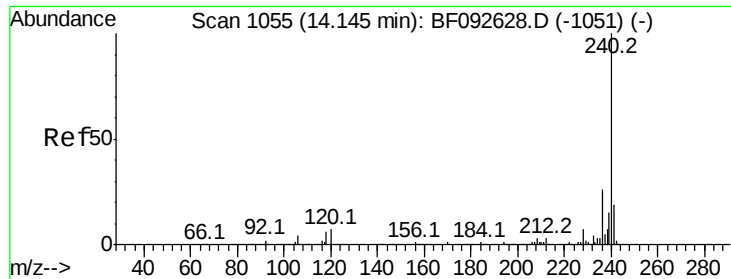
101 15.4 0.0 34.6

203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

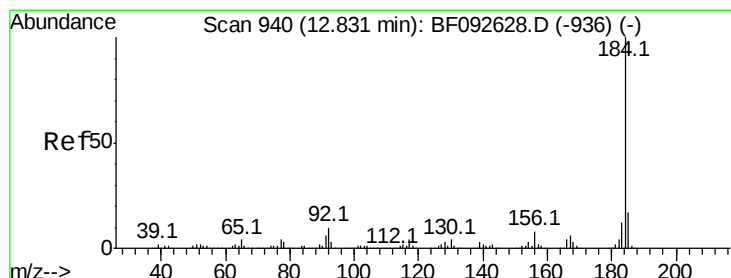
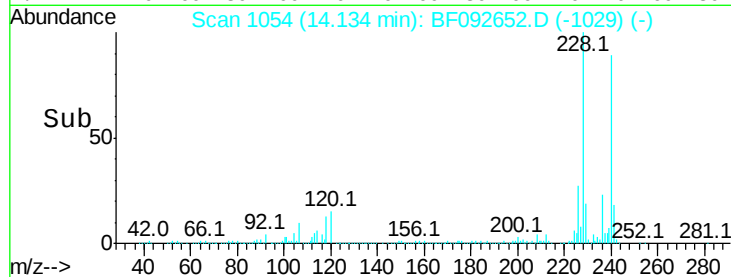
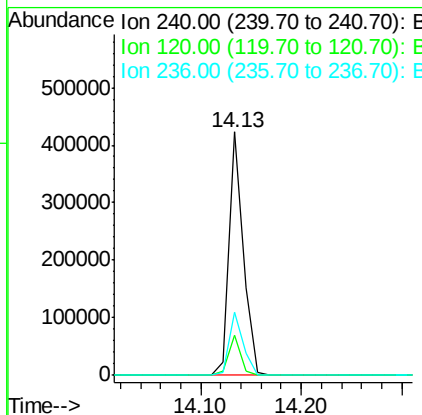
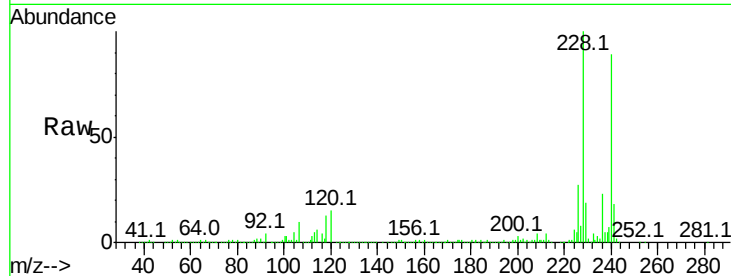
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	240	Resp:	417186
Ion Ratio	Lower	Upper	
240	100		
120	16.4	12.9	19.3
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 8.97 ng

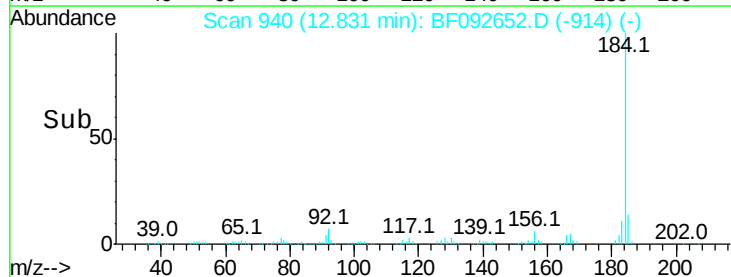
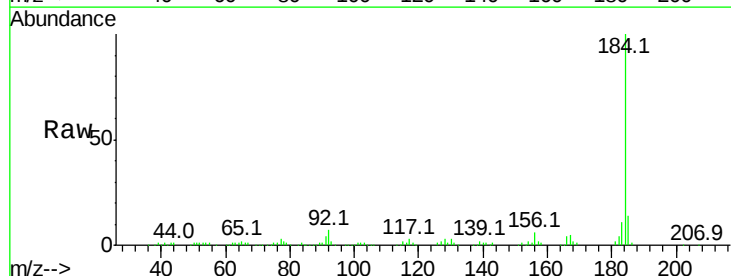
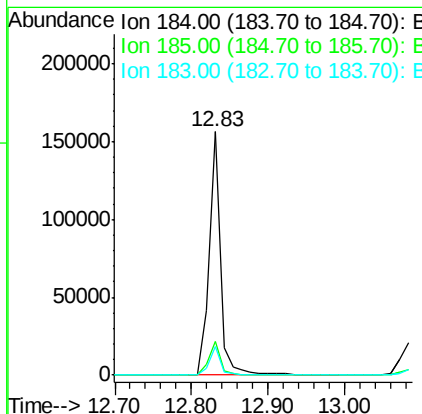
RT: 12.83 min Scan# 940

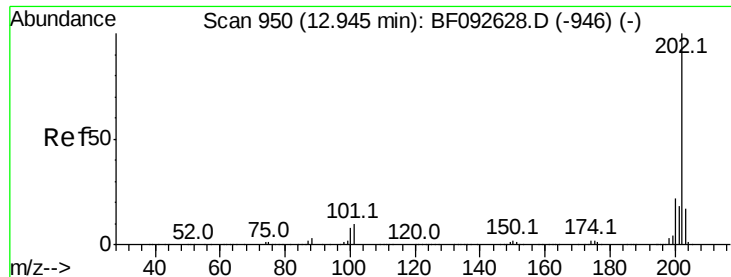
Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:	184	Resp:	159521
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.0
183	11.5	9.2	13.8





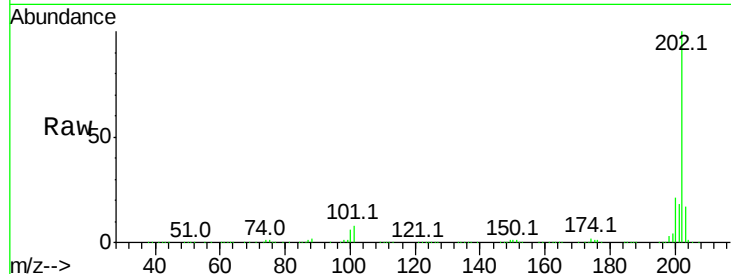
#77
Pvrene
Concen: 47.74 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

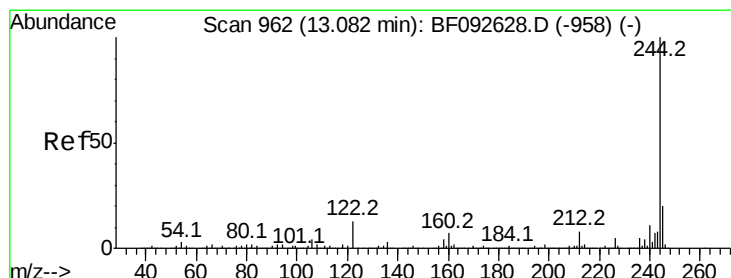
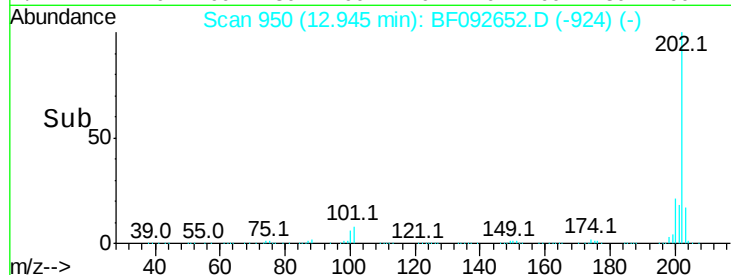
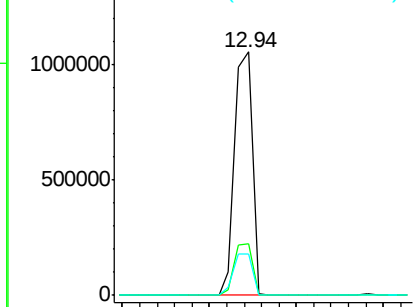
Tot Ion:202 Resp: 1490623
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.0 14.7 22.1

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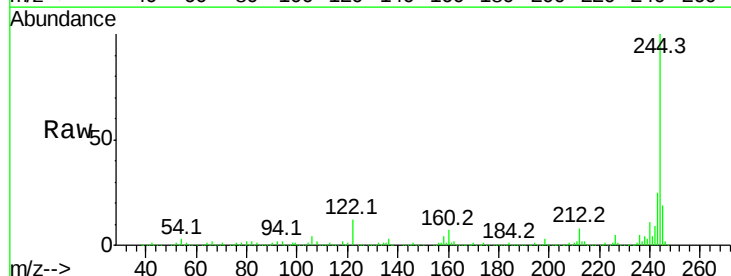


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

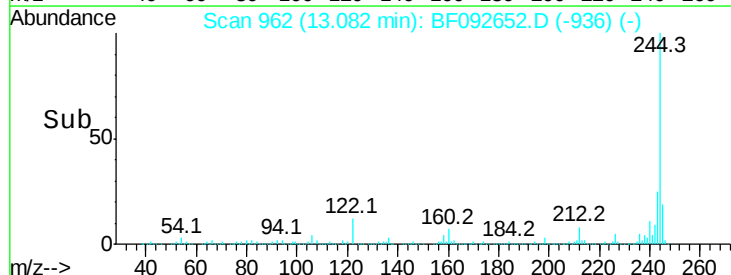
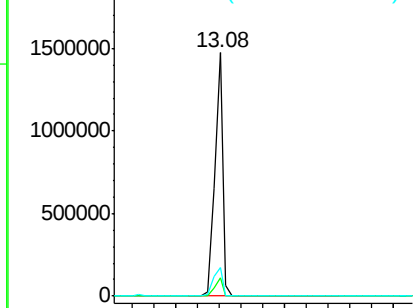


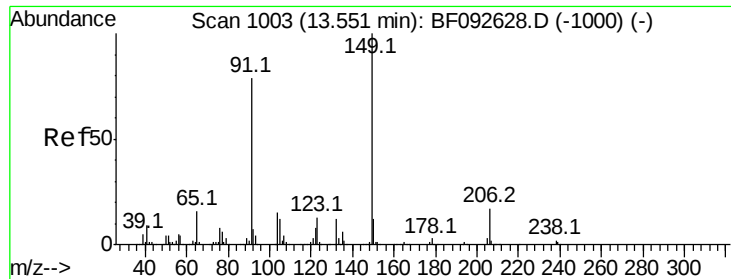
#78
Terphenyl-d14
Concen: 86.58 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:244 Resp: 1537324
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 11.6 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





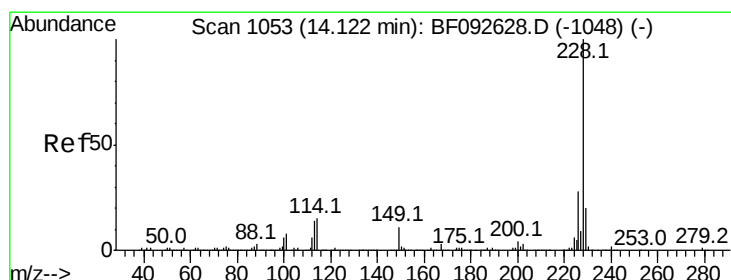
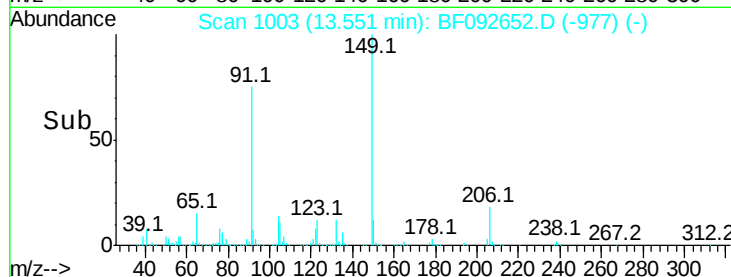
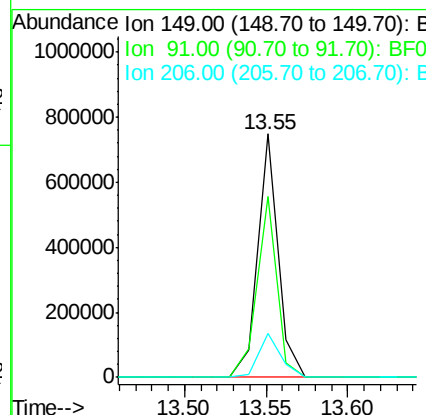
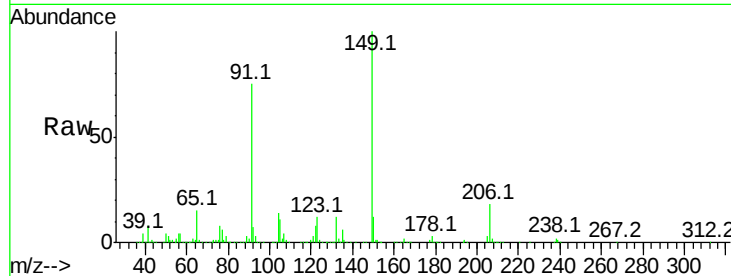
#79
Butylbenzylphthalate
Concen: 51.35 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	63.9	95.9
206	18.0	14.6	21.8

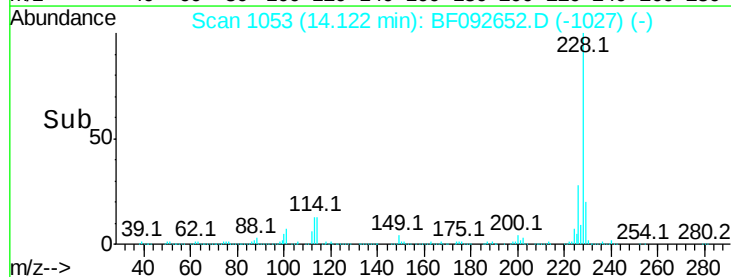
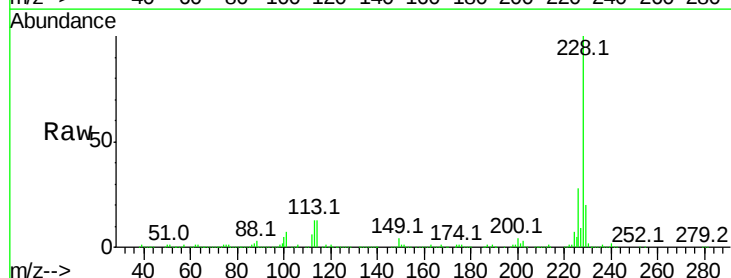
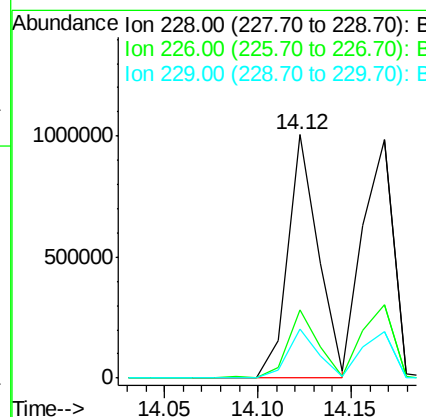
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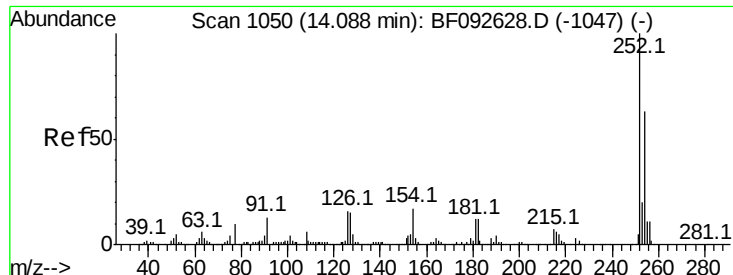
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#80
Benzo(a)anthracene
Concen: 44.88 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.9	16.2	24.4





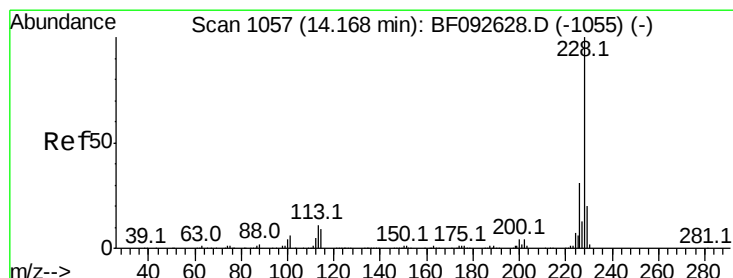
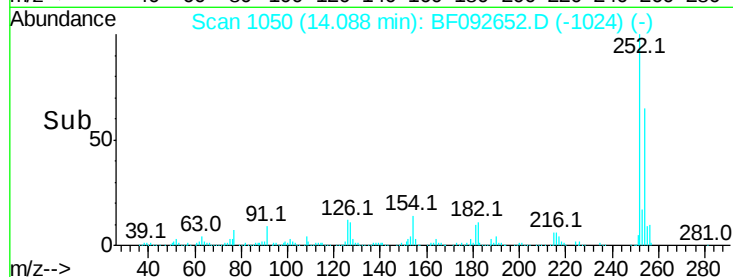
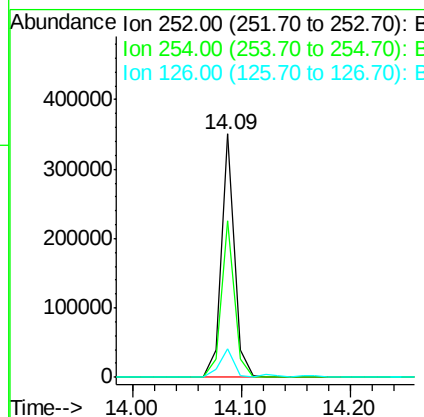
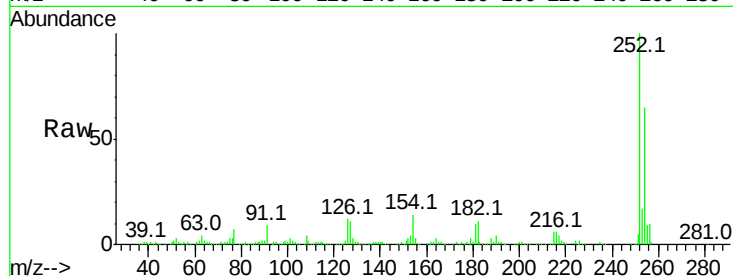
#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	297933		
254	64.6	52.3	78.5	
126	11.9	13.6	20.4	

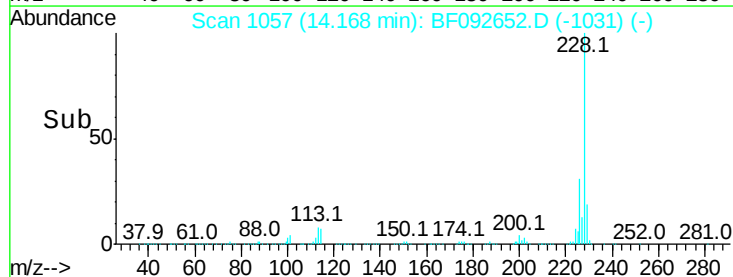
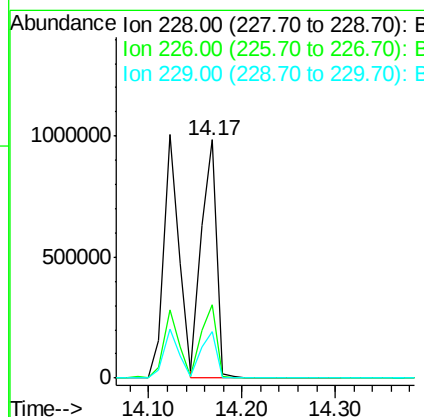
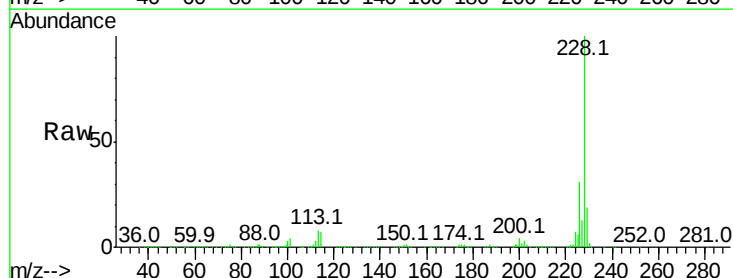
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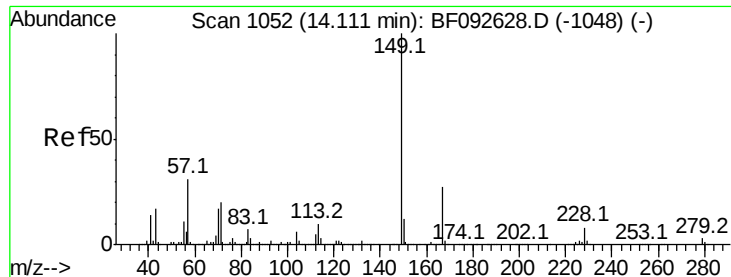
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#82
 Chrysene
 Concen: 47.51 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1134985		
226	30.6	25.4	38.0	
229	19.4	16.2	24.2	





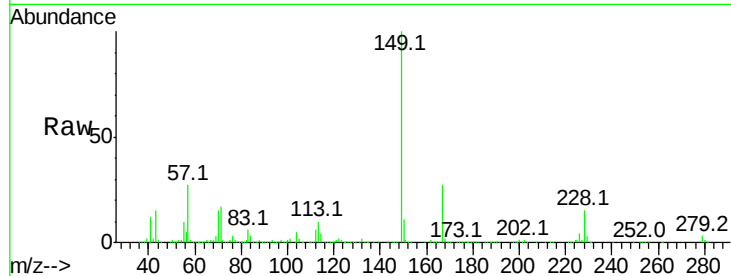
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.92 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

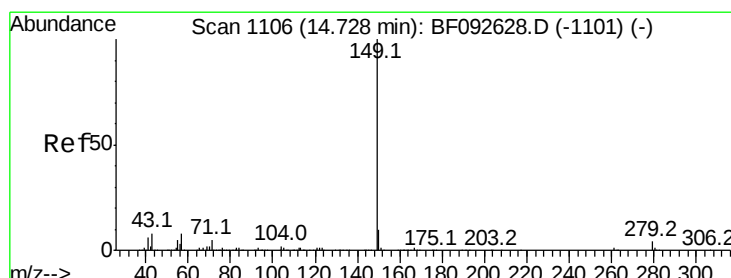
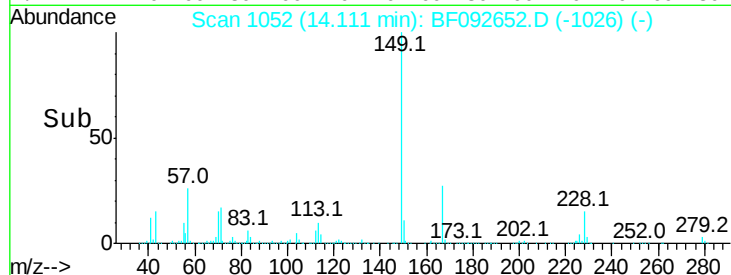
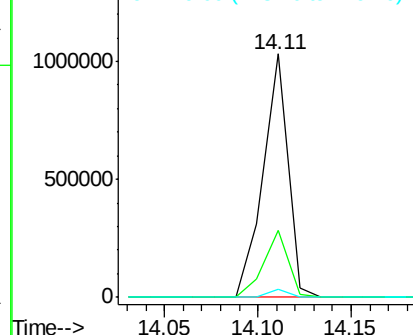
Tot Ion	Ratio	Resp	Lower	Upper
149	100	952181		
167	27.3	20.2	30.4	
279	3.2	1.8	2.8#	

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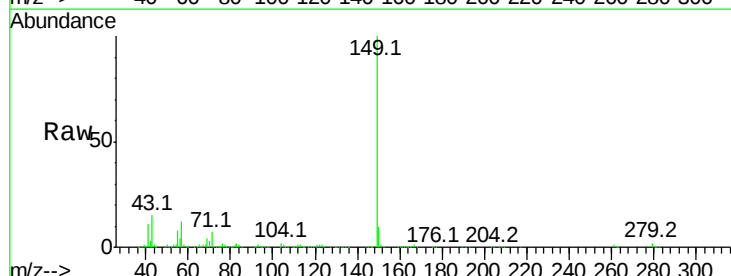


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

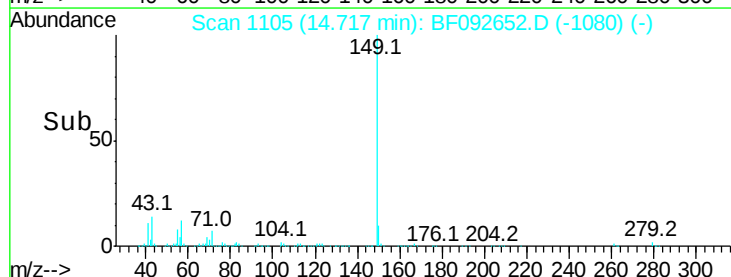
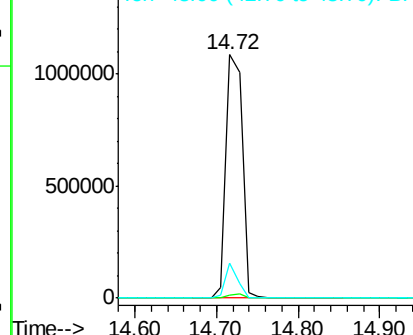


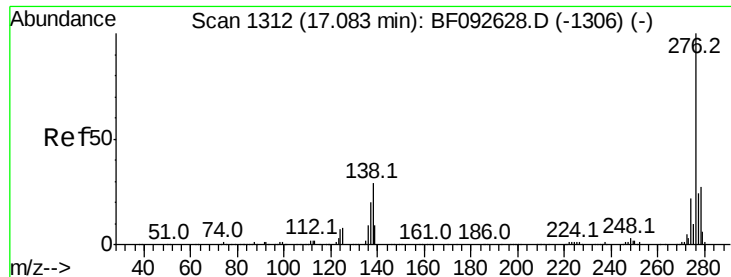
#84
 Di-n-octyl phthalate
 Concen: 52.78 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1490277		
167	1.6	1.3	1.9	
43	11.0	8.9	13.3	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





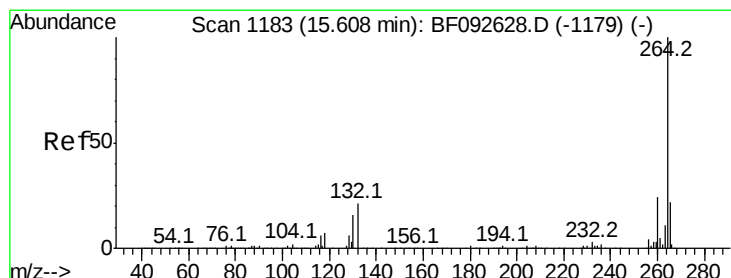
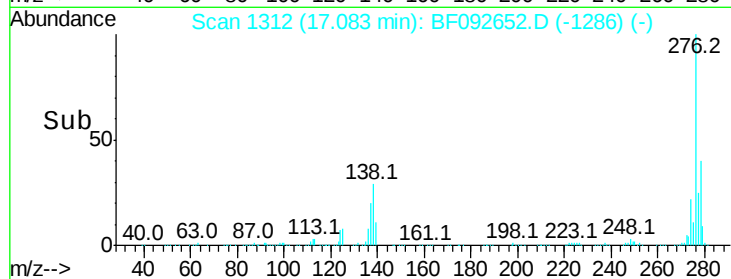
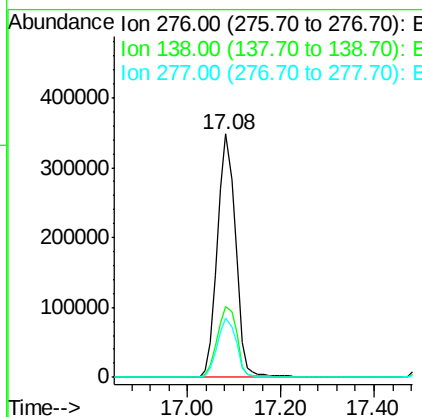
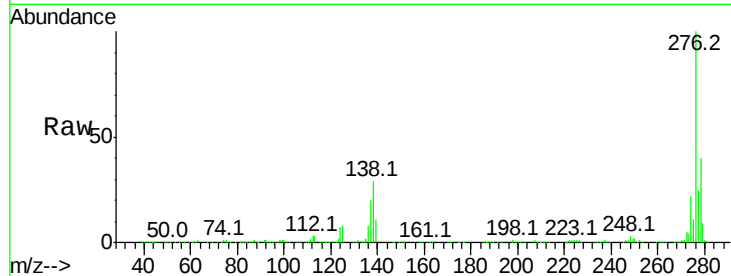
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.96 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.6
277	25.3	20.2	30.4

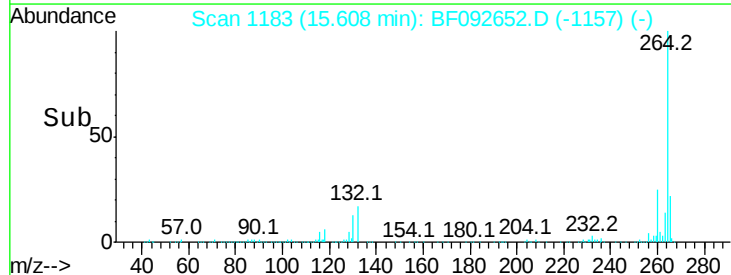
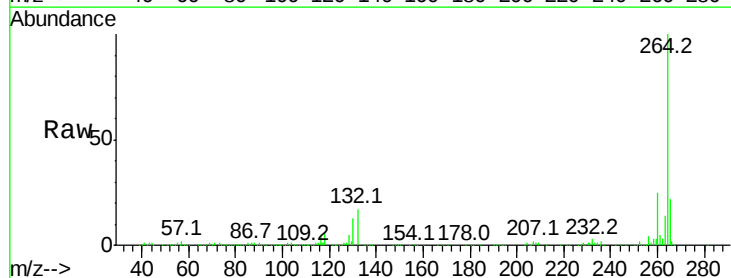
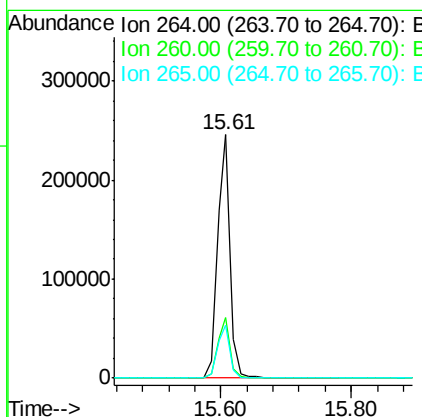
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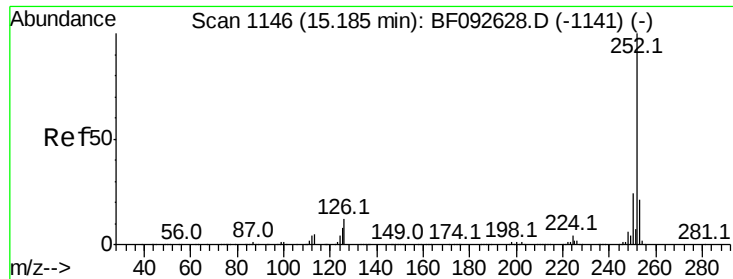
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.4	26.0





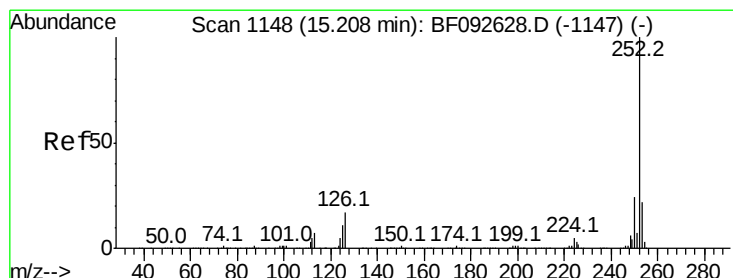
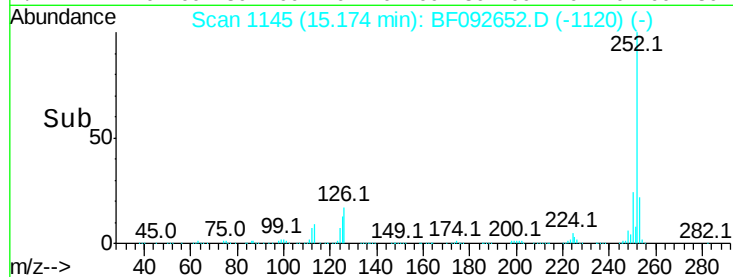
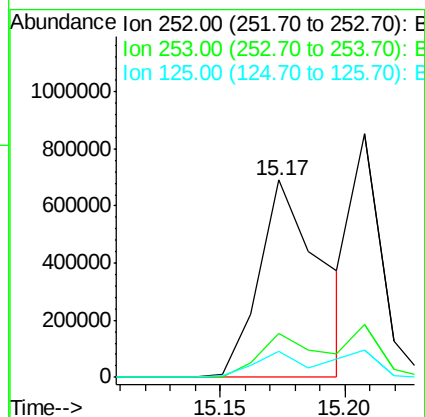
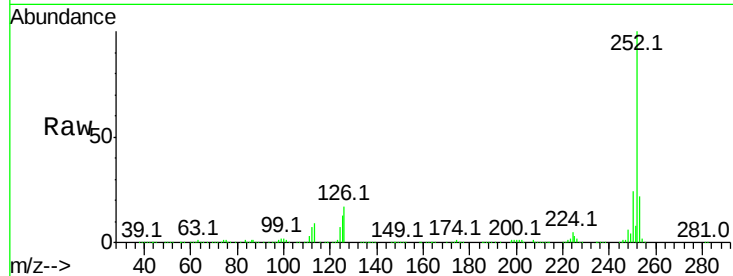
#87
Benzo(b)fluoranthene
Concen: 54.59 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:252 Resp: 1193199
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.9 9.8 14.6

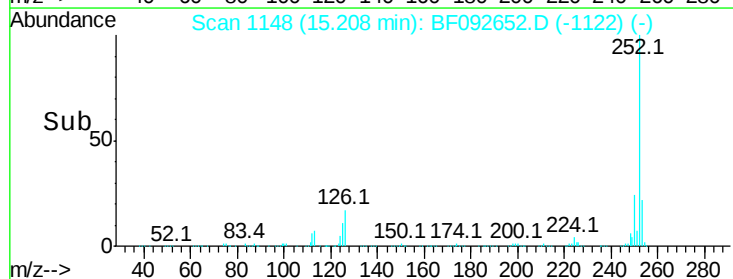
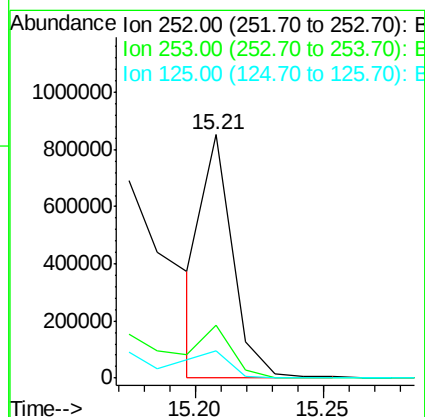
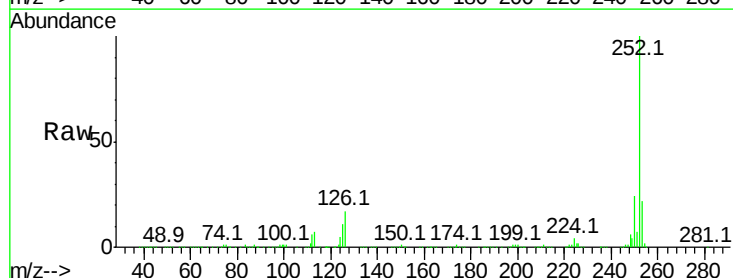
Manual Integrations
APPROVED

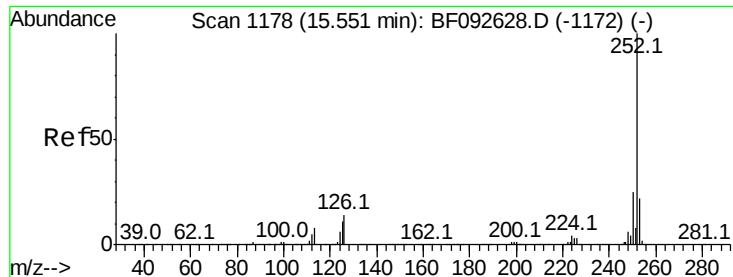
mohammad
1/31/2017 4:45:55 PM



#88
Benzo(k)fluoranthene
Concen: 36.60 ng m
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:252 Resp: 690730
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.0 8.9 13.3





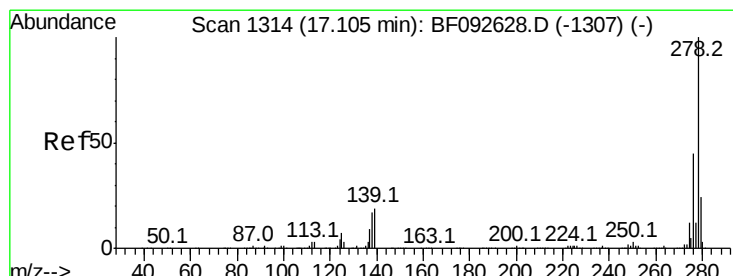
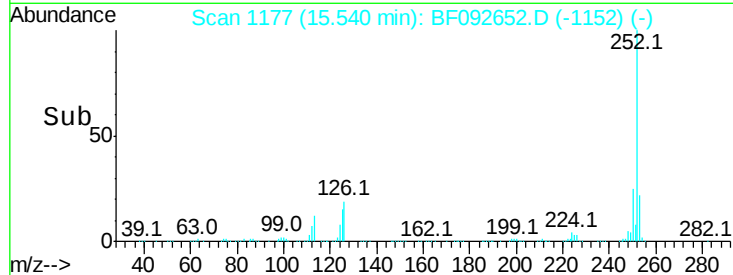
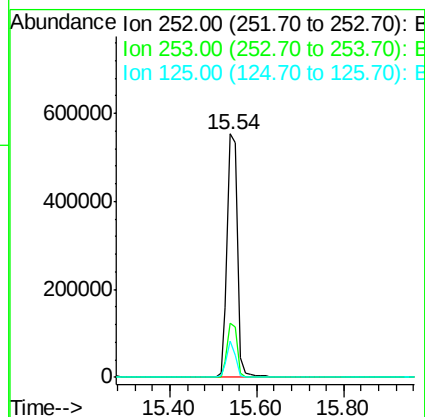
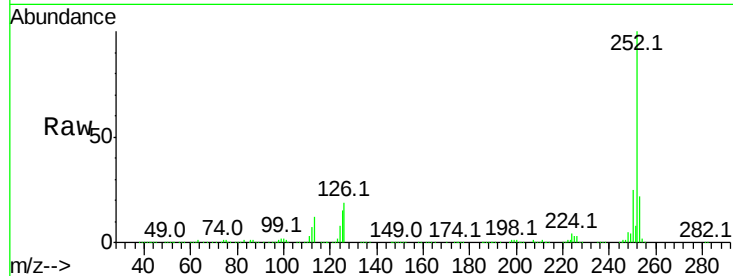
#89
Benzo(a)pyrene
Concen: 48.20 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	14.9	10.0	15.0

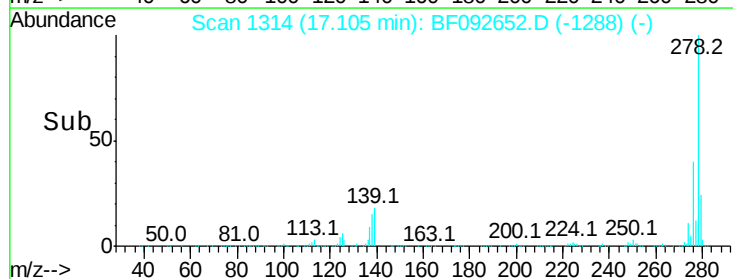
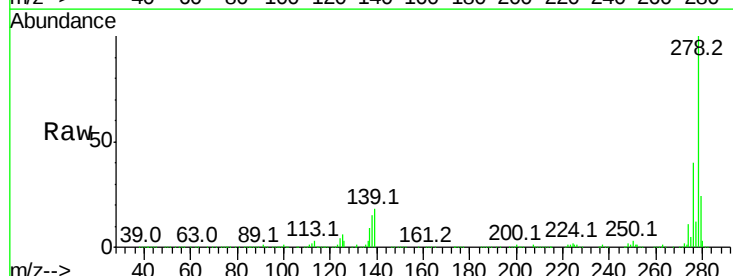
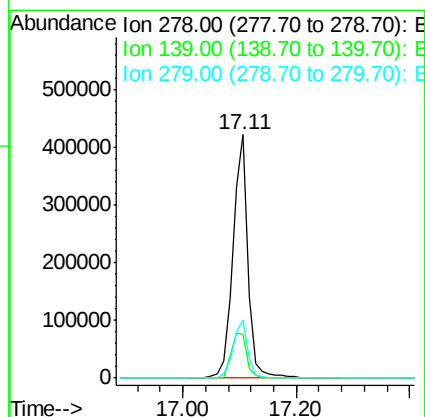
Manual Integrations
APPROVED

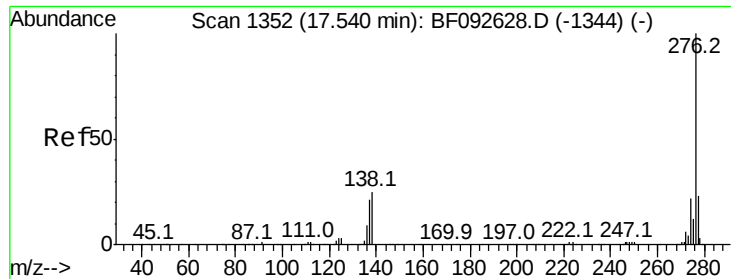
mohammad
1/31/2017 4:45:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.09 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.96 ng
 RT: 17.54 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tot Ion:	276	Resp:	802160
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.2	28.8
138	23.8	16.0	24.0

Manual Integrations
 APPROVED

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