

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092653.D
 Acq On : 31 Jan 2017 00:17
 Operator : SJ/MA
 Sample : I1553-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Manual Integrations
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mohammad
 1/31/2017 4:45:58 PM

Quant Time: Jan 31 01:39:28 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	156291	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	640729	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	358615	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	598167	20.00	ng	0.00
75) Chrysene-d12	14.13	240	419502	20.00	ng	-0.01
86) Perylene-d12	15.61	264	330950	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1238643	135.97	ng	0.01
7) Phenol-d6	6.61	99	1551226	132.34	ng	0.01
23) Nitrobenzene-d5	7.53	82	905951	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	333448	128.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1698897	85.83	ng	0.00
78) Terphenyl-d14	13.08	244	1378336	77.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	215580	43.80	ng	# 84
3) Pyridine	3.44	79	412941	32.99	ng	88
4) n-Nitrosodimethylamine	3.39	42	316384	53.83	ng	88
6) Aniline	6.62	93	377218	23.59	ng	95
8) 2-Chlorophenol	6.75	128	452072	44.98	ng	99
9) Benzaldehyde	6.50	77	173967	20.72	ng	90
10) Phenol	6.62	94	639593	46.64	ng	84
11) bis(2-Chloroethyl)ether	6.69	93	451057	41.21	ng	90
12) 1,3-Dichlorobenzene	6.90	146	490235m	41.65	ng	
13) 1,4-Dichlorobenzene	6.98	146	521254	43.75	ng	96
14) 1,2-Dichlorobenzene	7.14	146	469413m	41.20	ng	
15) Benzyl Alcohol	7.10	79	382105	44.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	763122	40.13	ng	94
17) 2-Methylphenol	7.23	107	402716	46.71	ng	98
18) Hexachloroethane	7.47	117	174435	42.89	ng	# 87
19) n-Nitroso-di-n-propylamine	7.38	70	319711	42.85	ng	97
20) 3+4-Methylphenols	7.38	107	452529	43.90	ng	# 87
22) Acetophenone	7.38	105	636960	43.54	ng	# 92
24) Nitrobenzene	7.55	77	523898	44.34	ng	94
25) Isophorone	7.79	82	925175	43.15	ng	98
26) 2-Nitrophenol	7.87	139	274568	48.89	ng	# 87
27) 2,4-Dimethylphenol	7.92	122	445915	45.21	ng	91
28) bis(2-Chloroethoxy)methane	8.00	93	576260	40.58	ng	99
29) 2,4-Dichlorophenol	8.11	162	404263	43.95	ng	89
30) 1,2,4-Trichlorobenzene	8.19	180	412332	41.60	ng	94
31) Naphthalene	8.27	128	1319470	40.62	ng	99
32) Benzoic acid	8.00	122	67677	17.47	ng	96
33) 4-Chloroaniline	8.33	127	267033	20.96	ng	98
34) Hexachlorobutadiene	8.40	225	224968	41.25	ng	98
35) Caprolactam	8.69	113	130525m	45.11	ng	
36) 4-Chloro-3-methylphenol	8.82	107	427924	44.62	ng	98
37) 2-Methylnaphthalene	8.97	142	877362	42.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	427034	42.42	ng	99
40) Hexachlorocyclopentadiene	9.12	237	365416	80.46	ng	96

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 FK-BPM-01-A1B-A2B-A3B-A4BMSD

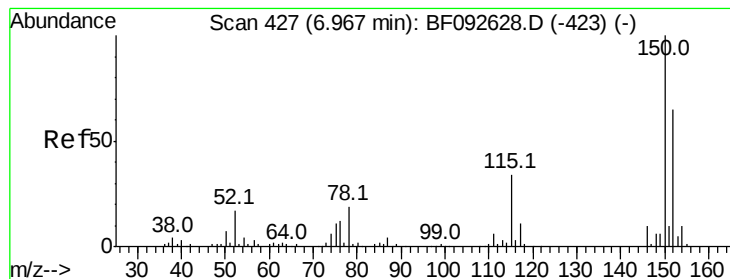
Manual Integrations
 APPROVED

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 1/31/2017 4:45:58 PM

Quant Time: Jan 31 01:39:28 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	311403	47.08	nq	93
43) 2,4,5-Trichlorophenol	9.30	196	319051m	44.02	nq	
45) 1,1'-Biphenyl	9.44	154	1196842	46.09	nq	99
46) 2-Chloronaphthalene	9.46	162	878546	43.25	nq	97
47) 2-Nitroaniline	9.56	65	303574	44.45	nq	# 70
48) Acenaphthylene	9.87	152	1385099	39.47	nq	99
49) Dimethylphthalate	9.73	163	1204004	49.85	nq	98
50) 2,6-Dinitrotoluene	9.80	165	259901	49.82	nq	88
51) Acenaphthene	10.04	154	873723	41.64	nq	98
52) 3-Nitroaniline	9.97	138	174941	29.30	nq	# 68
53) 2,4-Dinitrophenol	10.08	184	169289	64.75	nq	95
54) Dibenzofuran	10.21	168	1210438	43.13	nq	98
55) 4-Nitrophenol	10.14	139	346906	80.68	nq	92
56) 2,4-Dinitrotoluene	10.20	165	314030	45.22	nq	92
57) Fluorene	10.56	166	882104	40.86	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	248857	51.47	nq	96
59) Diethylphthalate	10.43	149	962646	42.29	nq	100
60) 4-Chlorophenyl-phenylether	10.56	204	434838	41.92	nq	# 75
61) 4-Nitroaniline	10.59	138	258812	42.33	nq	85
62) Azobenzene	10.72	77	1105395	47.00	nq	87
64) 4,6-Dinitro-2-methylphenol	10.61	198	146035	40.55	nq	90
65) n-Nitrosodiphenylamine	10.67	169	781056	40.87	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	265891	42.55	nq	# 74
67) Hexachlorobenzene	11.10	284	248189	40.19	nq	# 83
68) Atrazine	11.20	200	241883	39.45	nq	99
69) Pentachlorophenol	11.31	266	256495	80.41	nq	99
70) Phenanthrene	11.53	178	1443060	42.11	nq	98
71) Anthracene	11.57	178	1303180	37.87	nq	99
72) Carbazole	11.73	167	1315927	40.00	nq	99
73) Di-n-butylphthalate	12.05	149	1430603	40.21	nq	98
74) Fluoranthene	12.70	202	1382972	39.12	nq	98
76) Benzidine	12.83	184	213306	11.93	nq	97
77) Pyrene	12.94	202	1428641	45.51	nq	99
79) Butylbenzylphthalate	13.55	149	608388	47.72	nq	96
80) Benzo(a)anthracene	14.12	228	1060576	41.34	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	265361	29.01	nq	# 95
82) Chrysene	14.17	228	1038157	43.22	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	867128	49.74	nq	# 96
84) Di-n-octyl phthalate	14.72	149	1361426	47.95	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	856582	46.03	nq	95
87) Benzo(b)fluoranthene	15.17	252	847407	38.90	nq	98
88) Benzo(k)fluoranthene	15.21	252	862051m	45.83	nq	
89) Benzo(a)pyrene	15.54	252	801663	42.55	nq	# 97
90) Dibenzo(a,h)anthracene	17.11	278	709230	46.57	nq	99
91) Benzo(g,h,i)perylene	17.53	276	738974	48.03	nq	# 91

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



#1

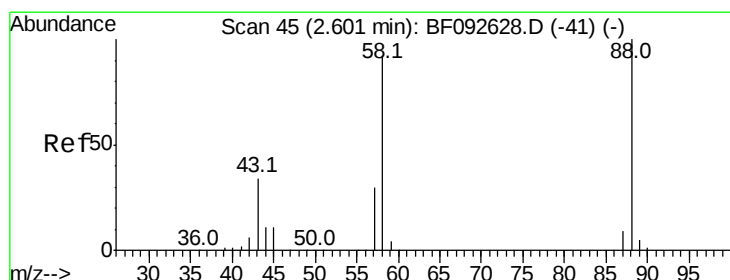
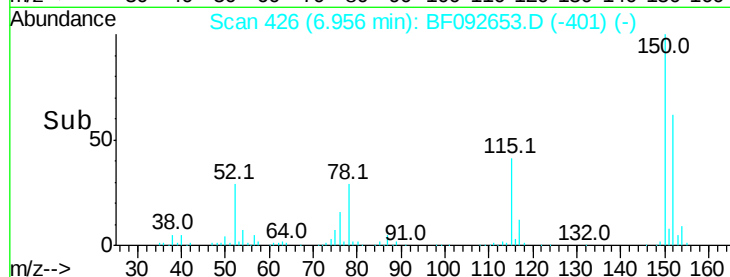
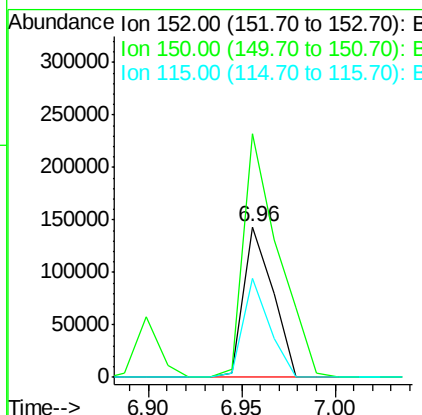
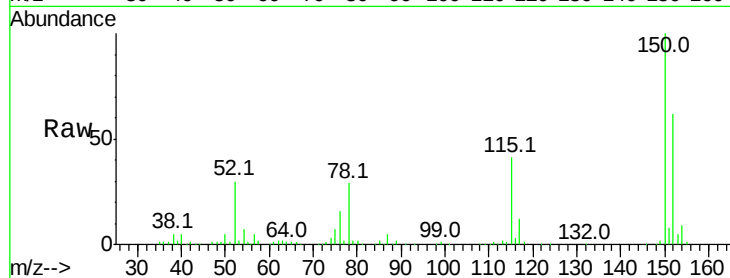
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.9	187.3
115	65.9	46.0	69.0

Manual Integrations
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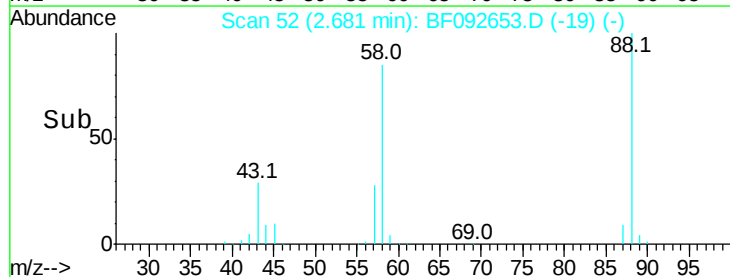
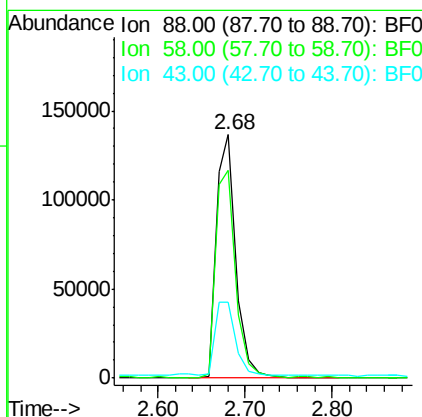
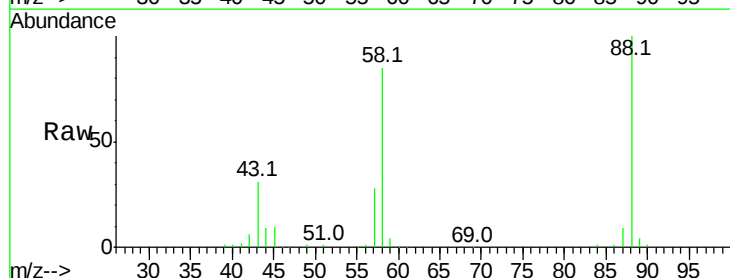
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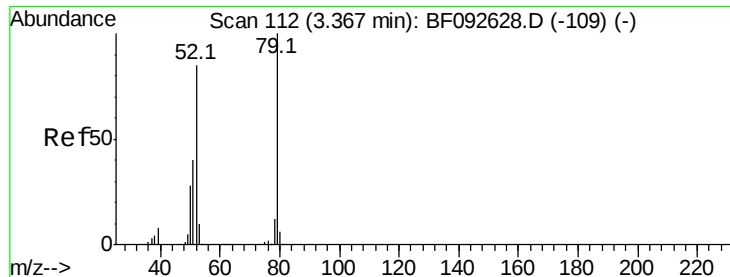


#2

1,4-Dioxane
Concen: 43.80 ng
RT: 2.68 min Scan# 52
Delta R.T. 0.08 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	57.8	86.8#
43	32.8	22.3	33.5





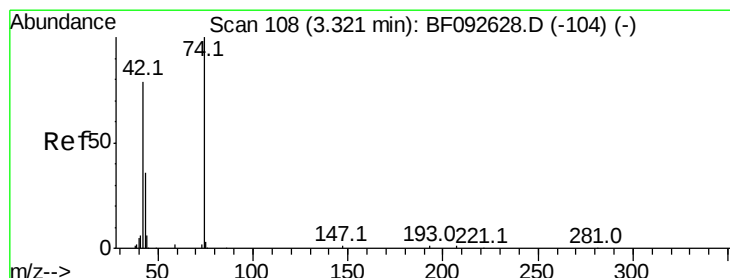
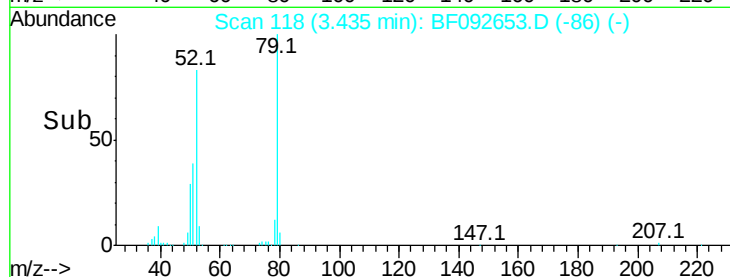
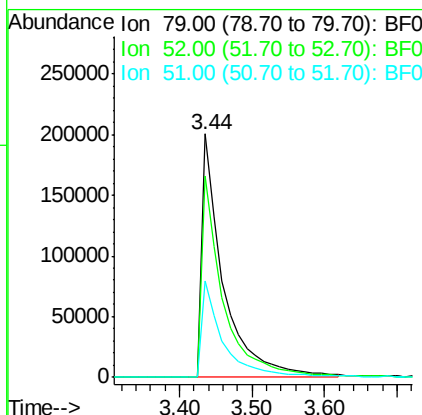
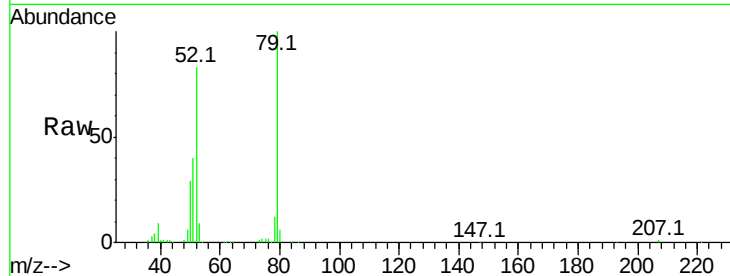
#3
 Pvridine
 Concen: 32.99 ng
 RT: 3.44 min Scan# 118
 Delta R.T. 0.07 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion: 79 Resp: 412941
 Ion Ratio Lower Upper
 79 100
 52 82.5 57.1 85.7
 51 39.7 27.3 40.9

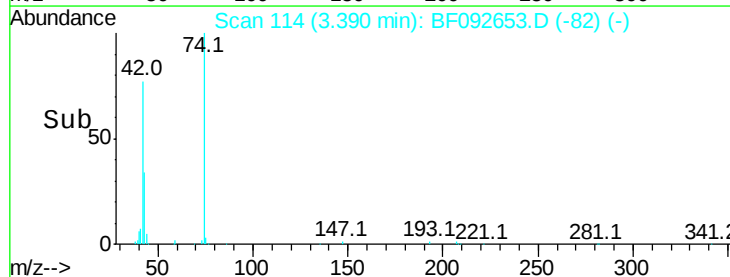
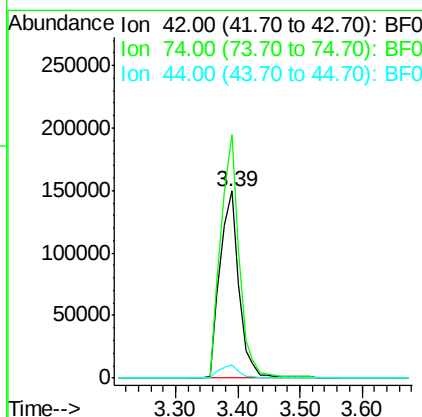
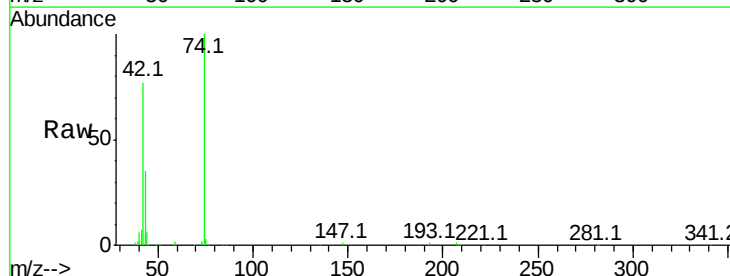
Manual Integrations
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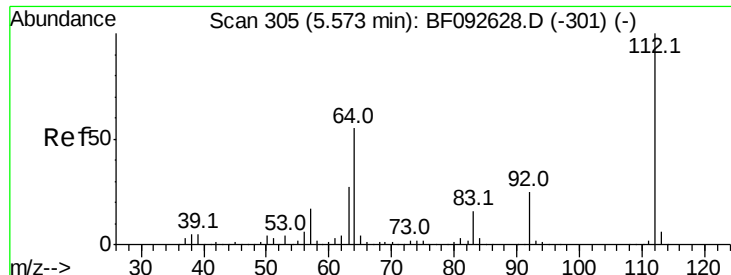
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#4
 n-Nitrosodimethylamine
 Concen: 53.83 ng
 RT: 3.39 min Scan# 114
 Delta R.T. 0.07 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 42 Resp: 316384
 Ion Ratio Lower Upper
 42 100
 74 130.2 117.0 175.4
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 135.97 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:112 Resp: 1238643

Ion Ratio Lower Upper

112 100

64 56.2 46.1 69.1

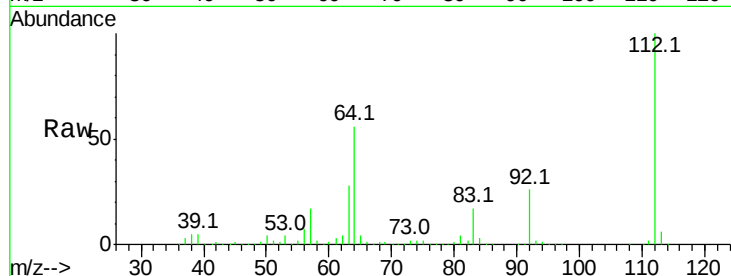
63 27.9 23.8 35.6

Manual Integrations

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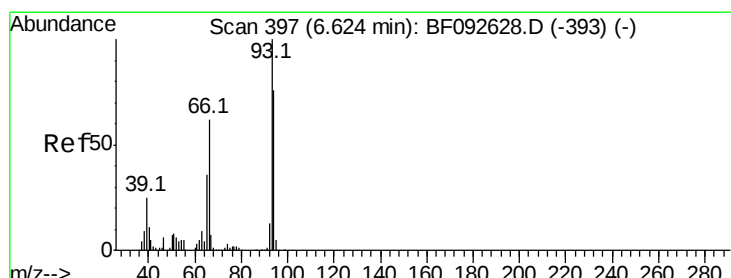
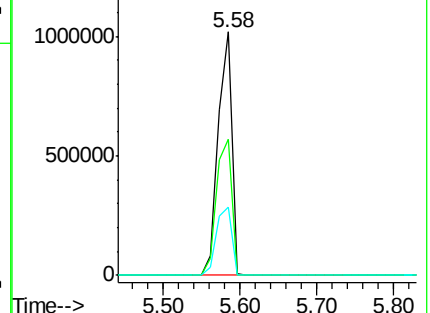
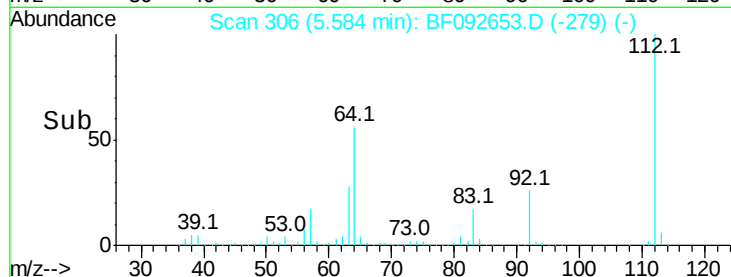
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.59 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

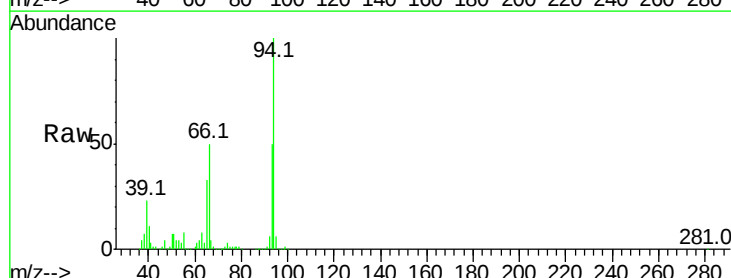
Tgt Ion: 93 Resp: 377218

Ion Ratio Lower Upper

93 100

66 100.8 76.2 114.2

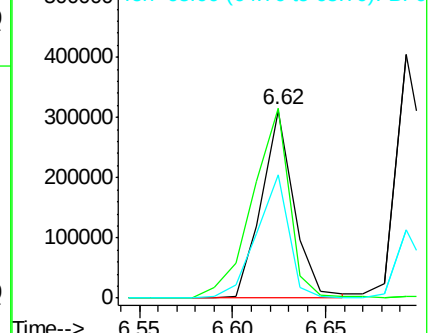
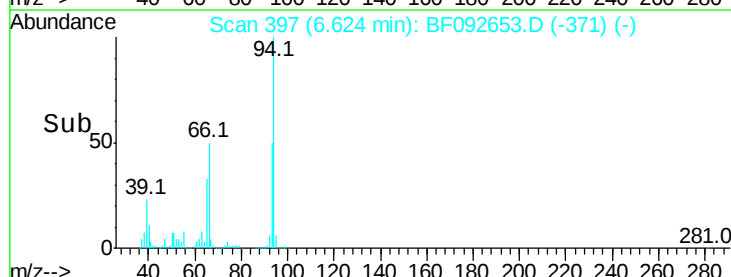
65 65.3 49.3 73.9

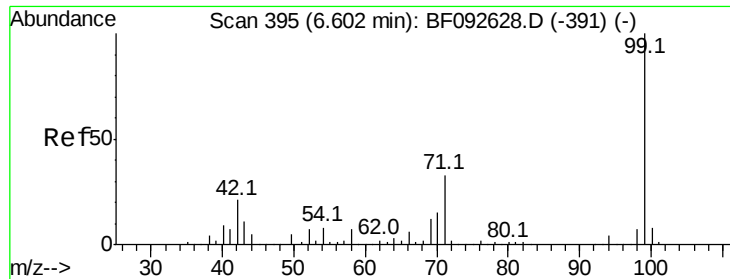


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.34 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion: 99 Resp: 1551226

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

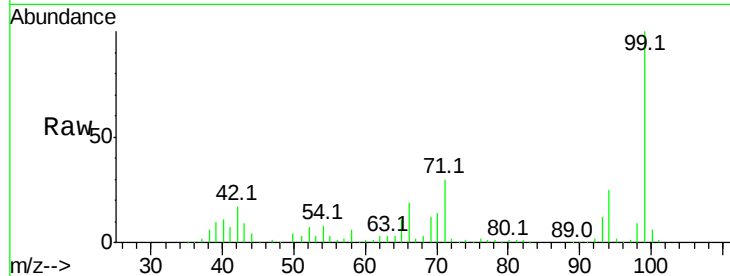
71 30.5 27.5 41.3

Manual Integrations

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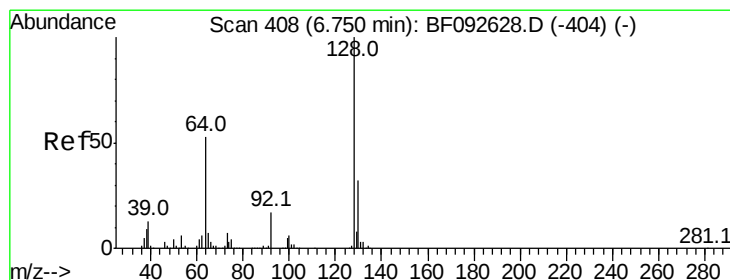
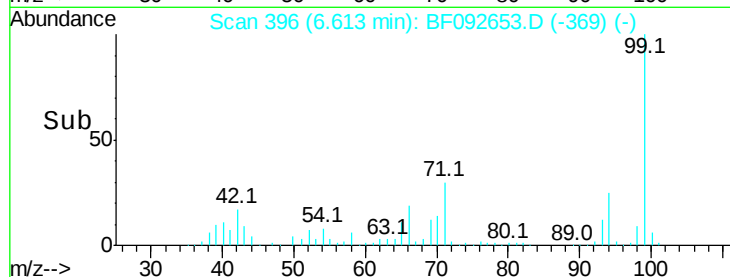
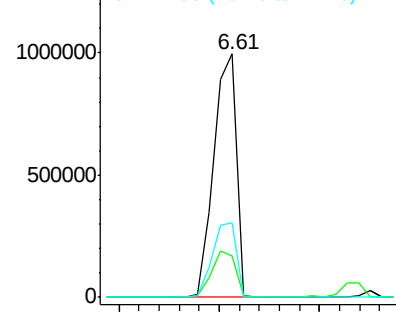
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.98 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

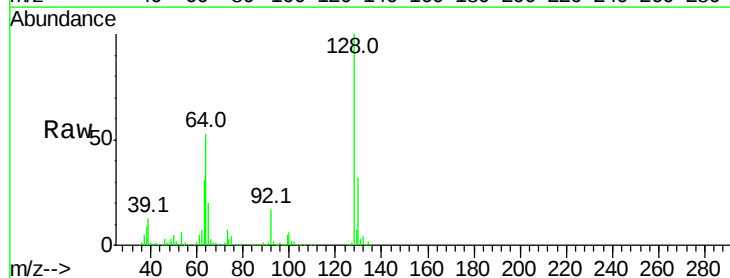
Tgt Ion:128 Resp: 452072

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

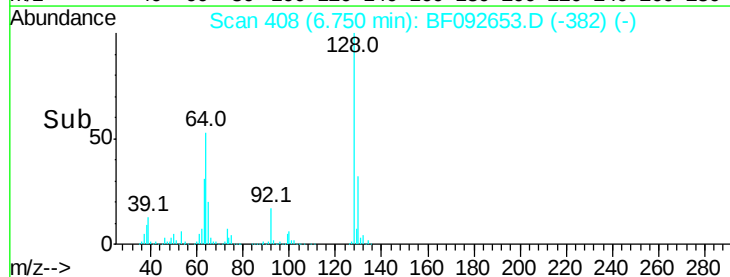
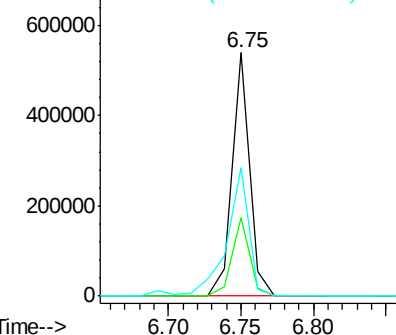
64 52.9 32.2 72.2



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





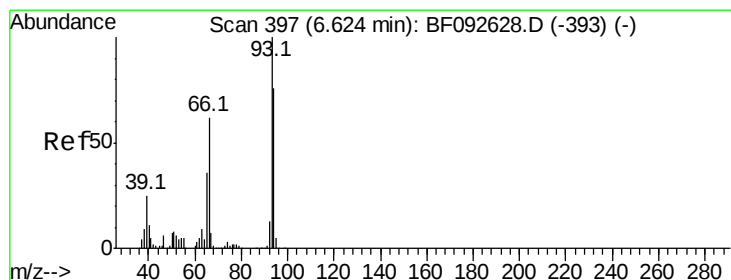
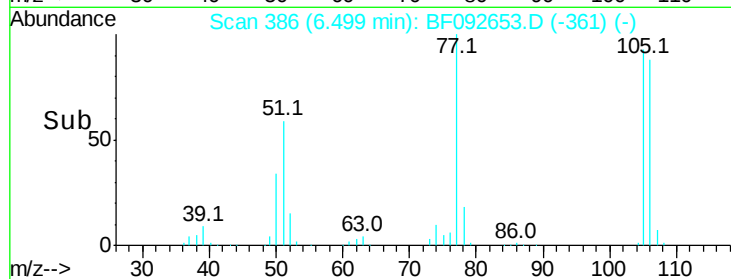
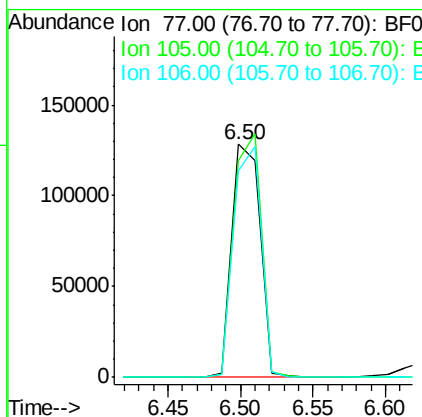
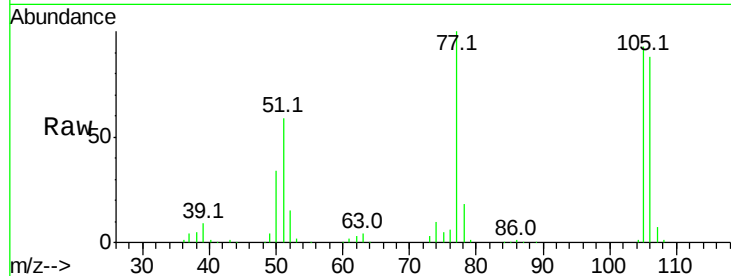
#9
Benzaldehyde
Concen: 20.72 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion: 77 Resp: 173967
Ion Ratio Lower Upper
77 100
105 92.8 83.9 123.9
106 88.5 77.6 117.6

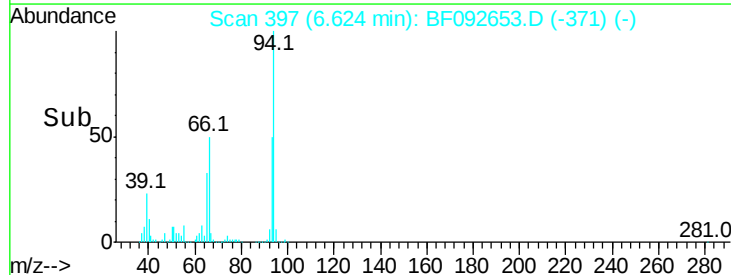
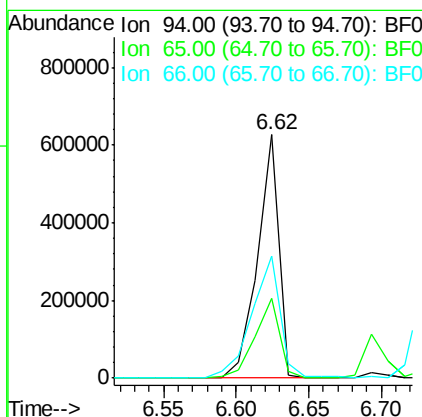
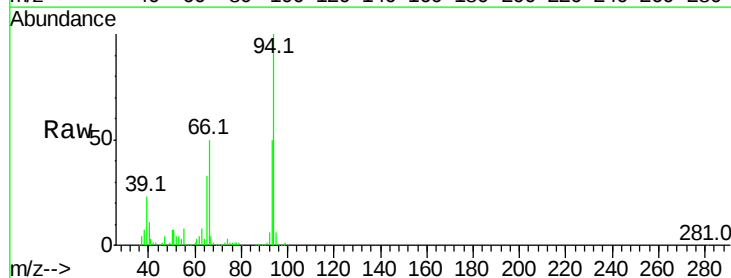
Manual Integrations
APPROVED

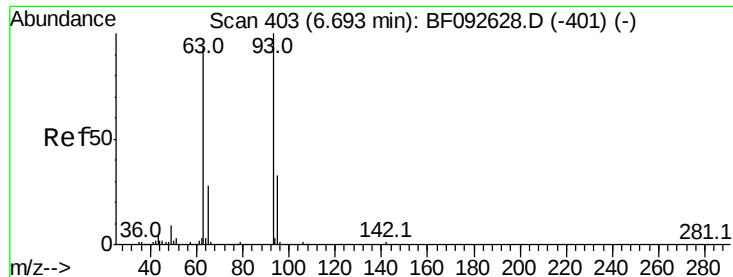
mohammad
1/31/2017 4:45:58 PM



#10
Phenol
Concen: 46.64 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion: 94 Resp: 639593
Ion Ratio Lower Upper
94 100
65 32.5 21.4 61.4
66 50.2 44.0 84.0





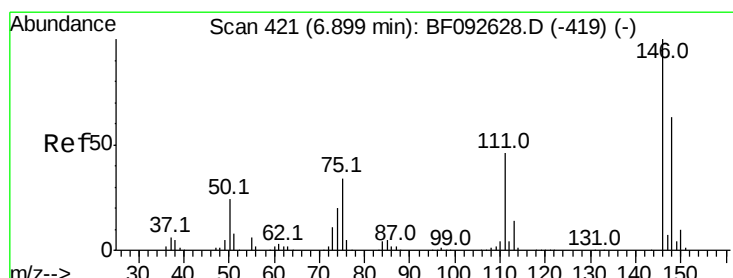
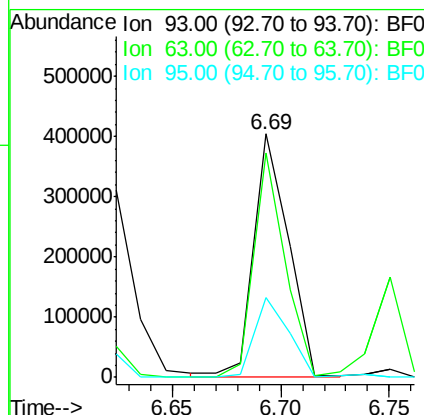
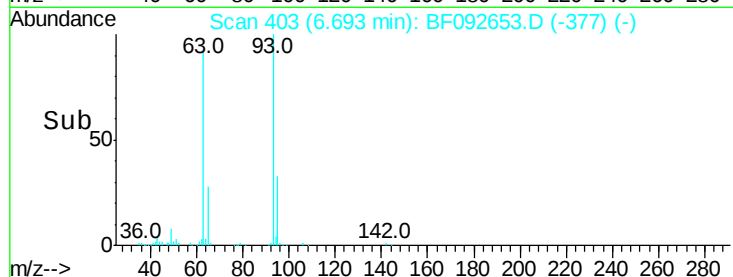
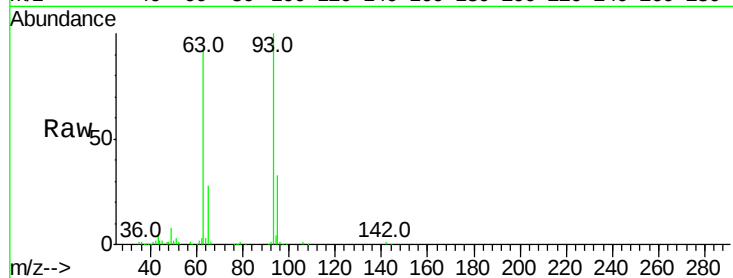
#11
bis(2-Chloroethyl)ether
Concen: 41.21 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	93	Resp	451057
Ion Ratio	100	Lower	Upper
93	100		
63	92.4	60.4	100.4
95	32.5	12.8	52.8

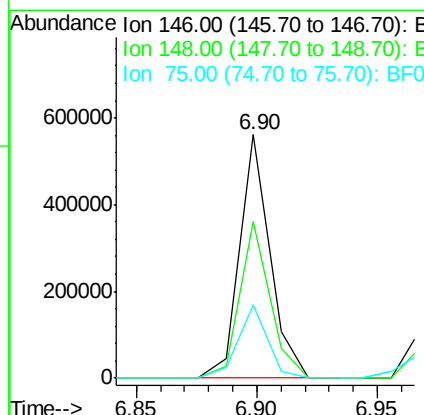
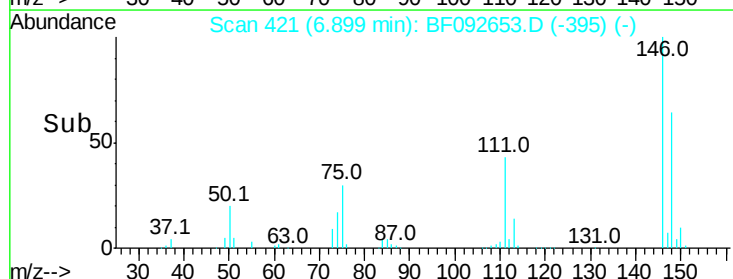
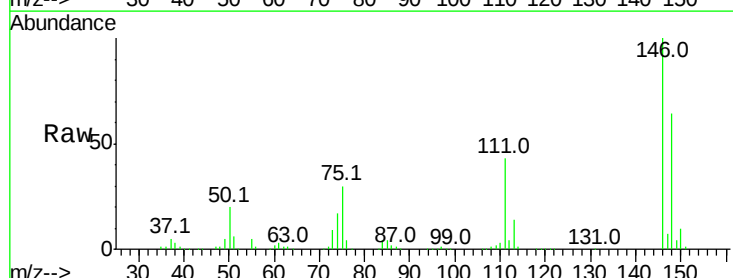
Manual Integrations
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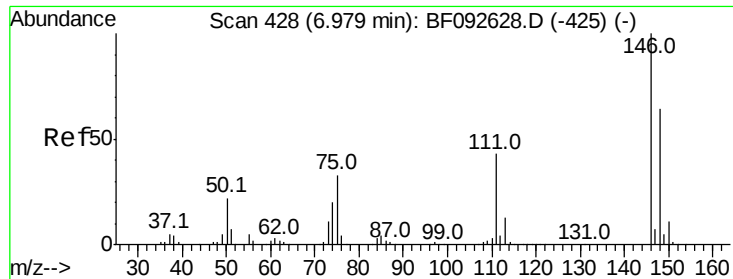
mohammad
1/31/2017 4:45:58 PM



#12
1,3-Dichlorobenzene
Concen: 41.65 ng m
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	146	Resp	490235
Ion Ratio	100	Lower	Upper
146	100		
148	64.3	53.4	80.0
75	30.4	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 43.75 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

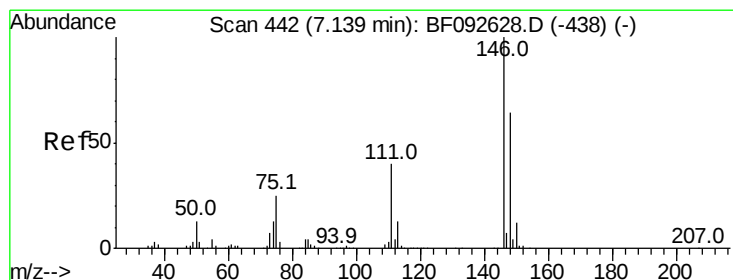
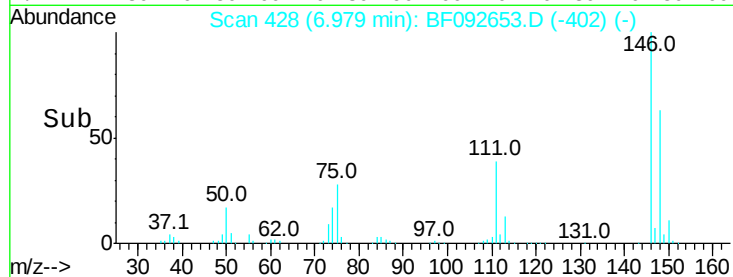
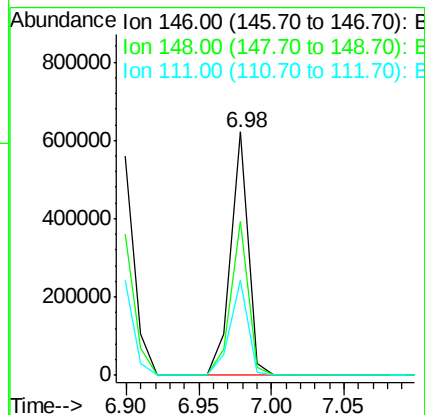
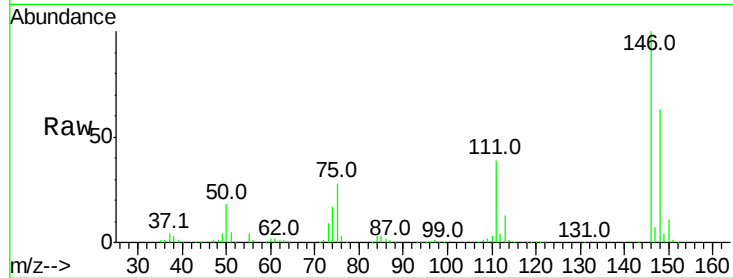
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:	146	Resp:	521254
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	76.0
111	39.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 41.20 ng m

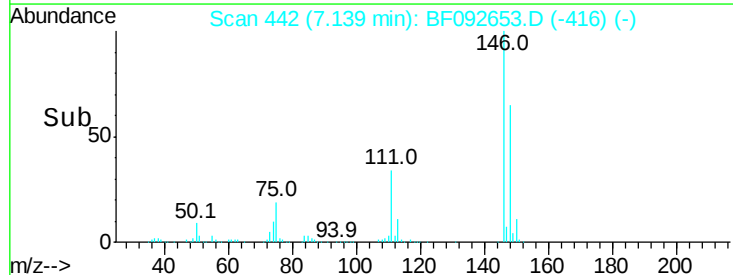
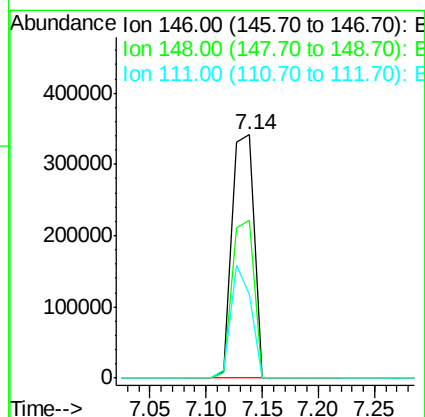
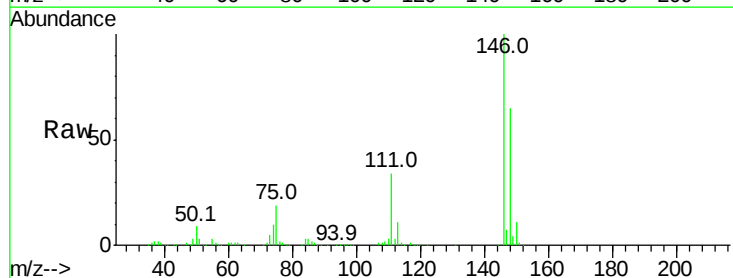
RT: 7.14 min Scan# 442

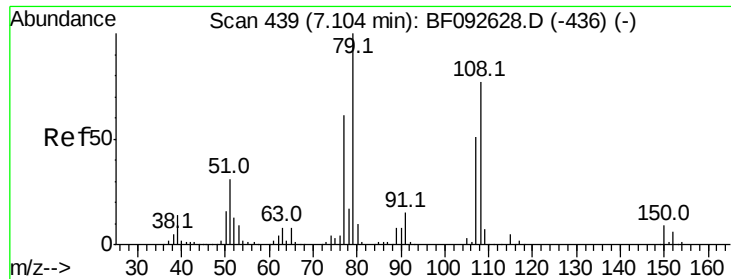
Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:	146	Resp:	469413
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	34.1	36.2	54.2#





#15

Benzyl Alcohol

Concen: 44.03 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleID :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion: 79 Resp: 382105

Ion Ratio Lower Upper

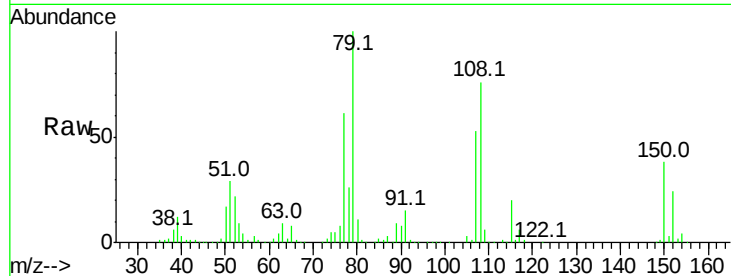
79 100

108 75.7 61.4 92.0

77 60.8 50.9 76.3

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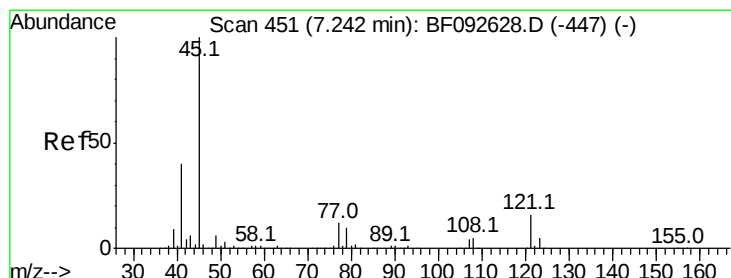
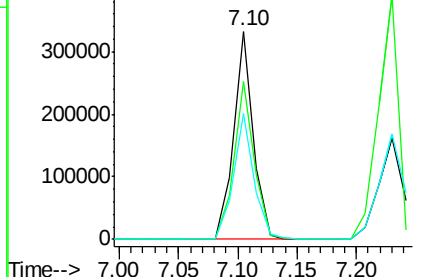
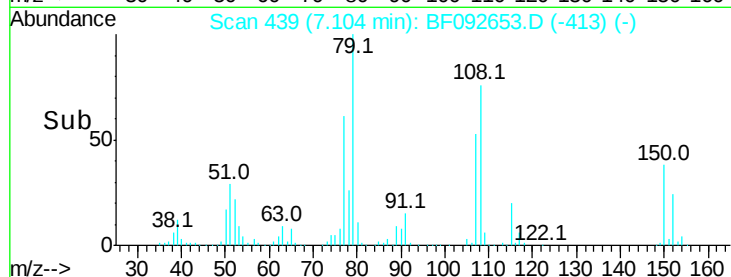
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.13 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

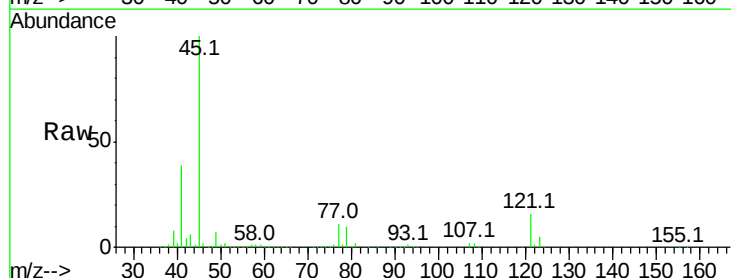
Tgt Ion: 45 Resp: 763122

Ion Ratio Lower Upper

45 100

77 11.4 0.0 34.6

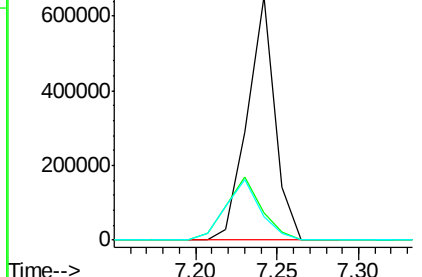
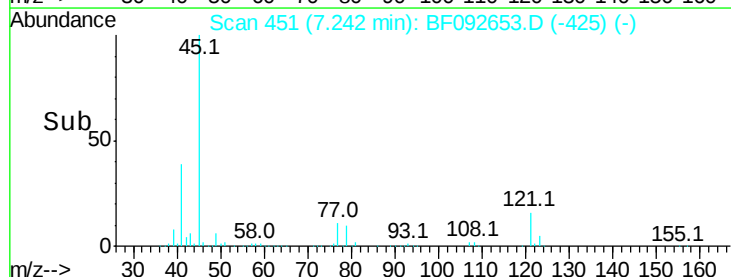
79 9.6 0.0 31.2

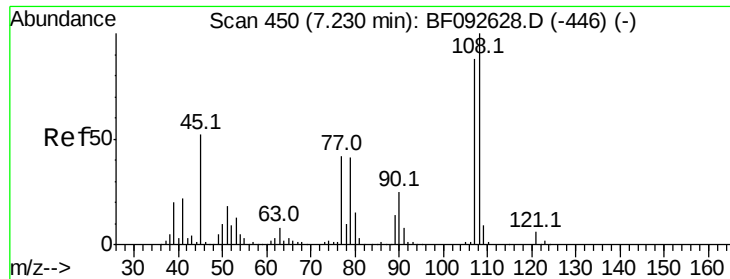


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





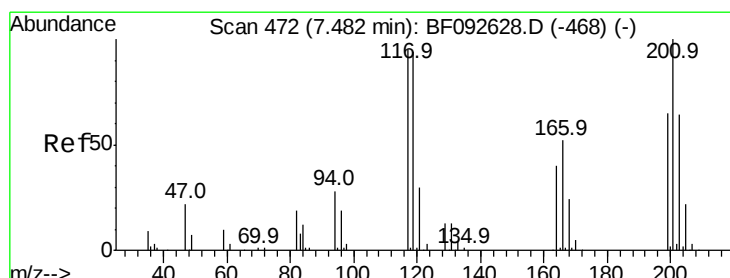
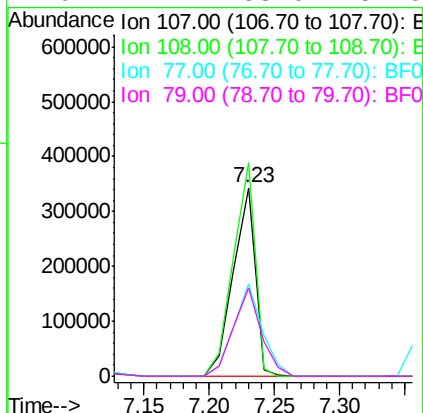
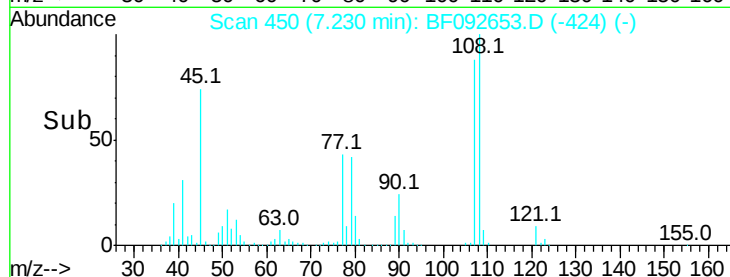
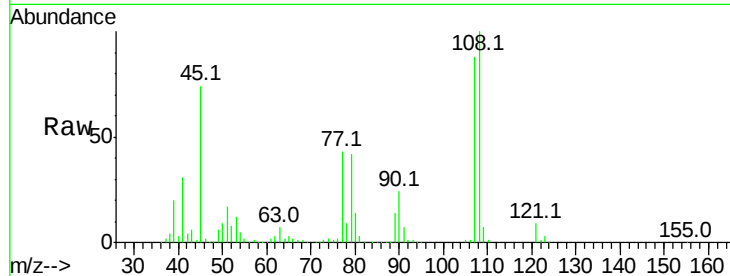
#17
2-Methylphenol
Concen: 46.71 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	93.0	139.6	
77	49.2	39.8	59.8	
79	47.2	38.0	57.0	

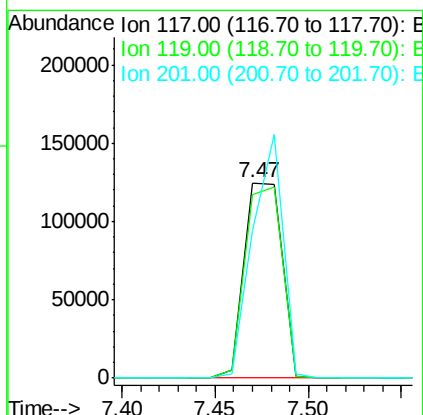
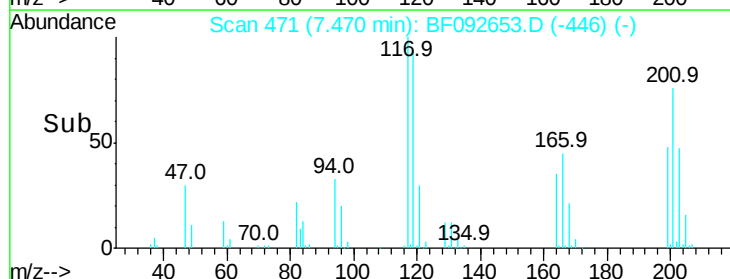
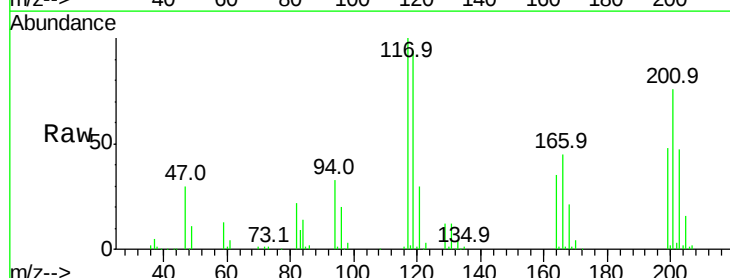
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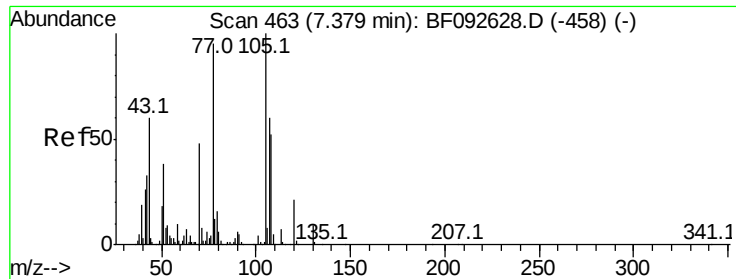
mohammad
1/31/2017 4:45:58 PM



#18
Hexachloroethane
Concen: 42.89 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	78.1	117.1	
201	75.5	78.6	117.8#	





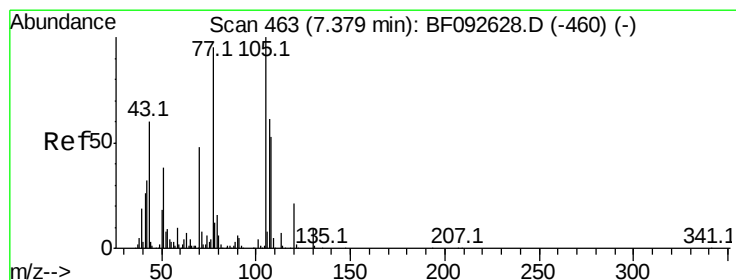
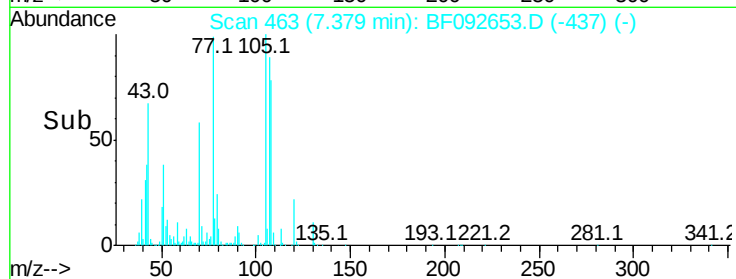
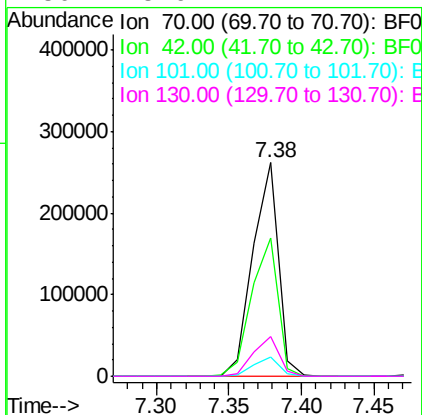
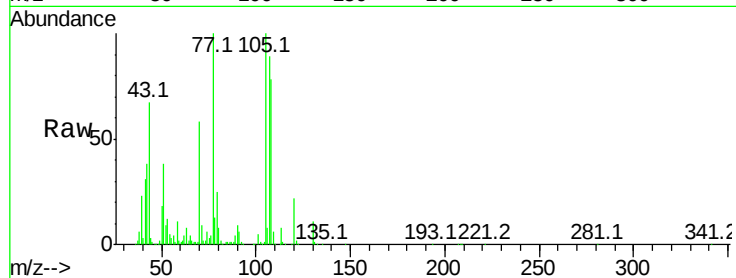
#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	64.9	49.4	74.0	
101	9.2	7.4	11.2	
130	18.9	14.2	21.4	

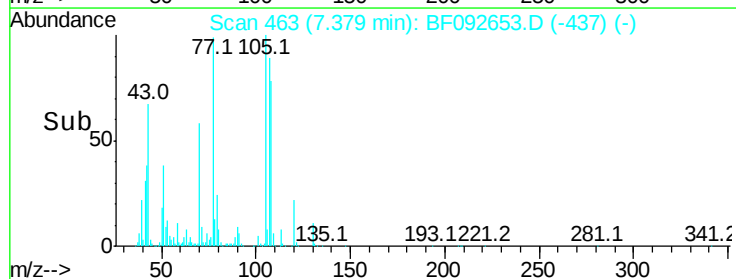
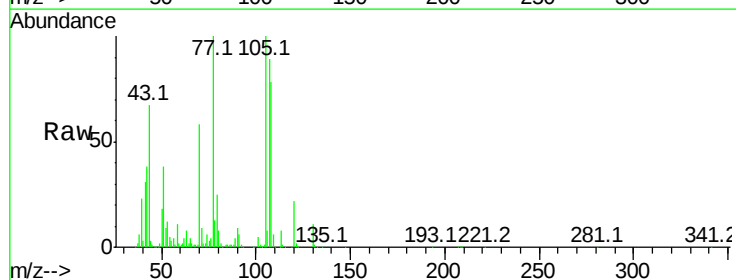
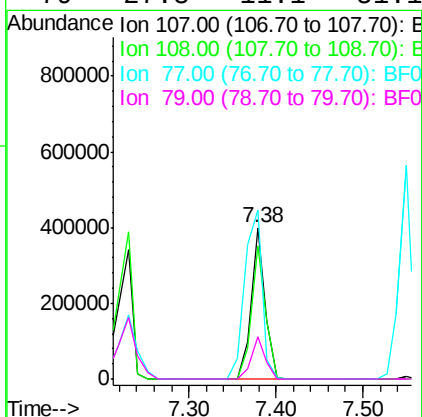
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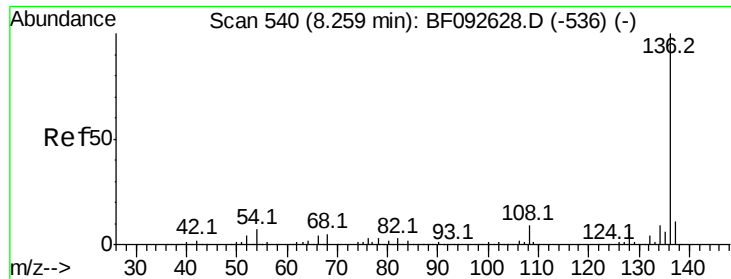
mohammad
1/31/2017 4:45:58 PM



#20
3+4-Methylphenols
Concen: 43.90 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.7	73.0	113.0	
77	112.1	71.3	111.3#	
79	27.8	11.1	51.1	





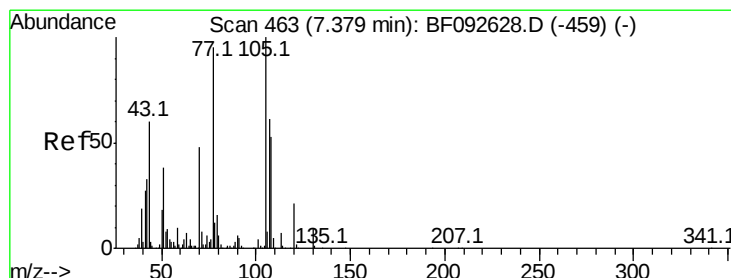
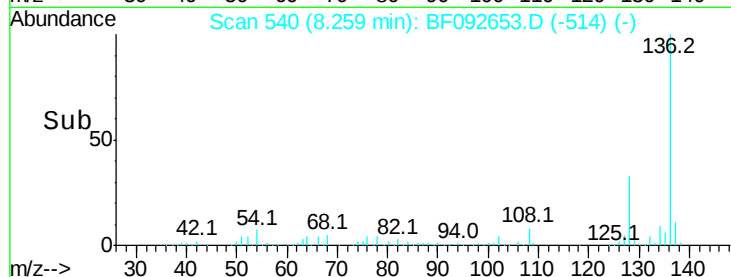
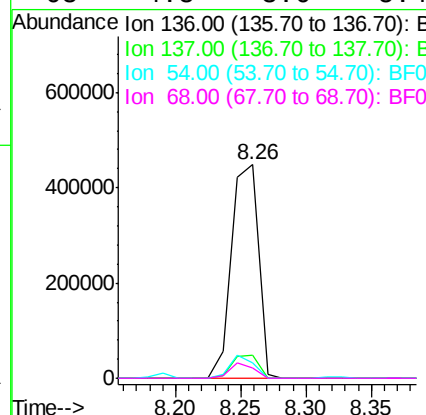
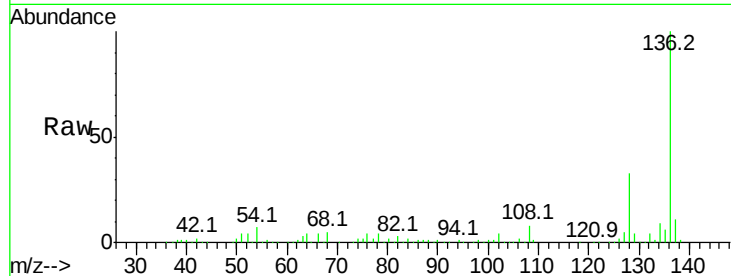
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	640729		
137	10.5		8.4	12.6
54	7.1		4.5	6.7
68	4.8		3.6	5.4

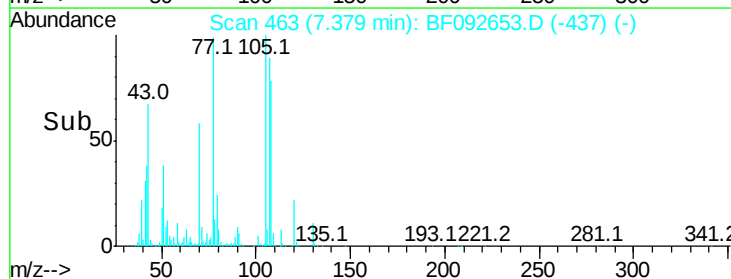
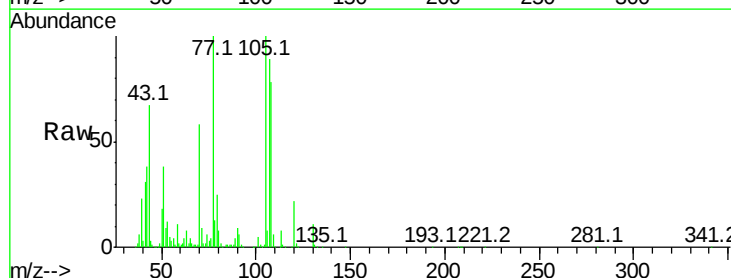
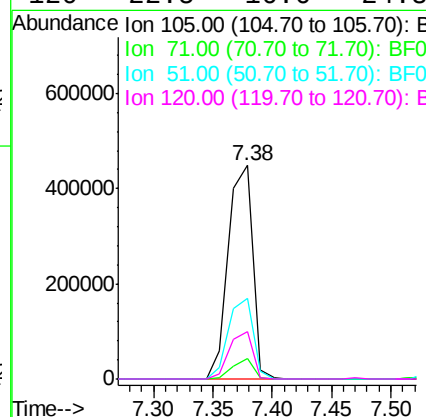
Manual Integrations
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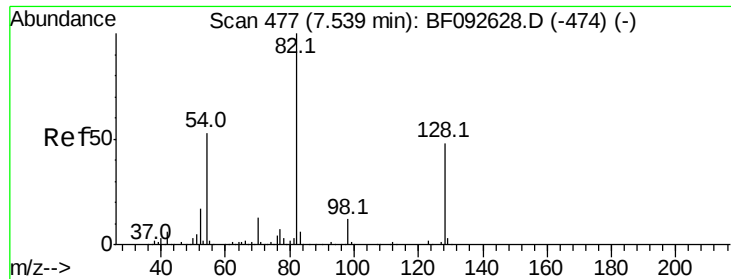
mohammad
1/31/2017 4:45:58 PM



#22
Acetophenone
Concen: 43.54 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636960		
71	9.4		3.2	4.8
51	37.8		26.2	39.4
120	22.5		16.6	24.8





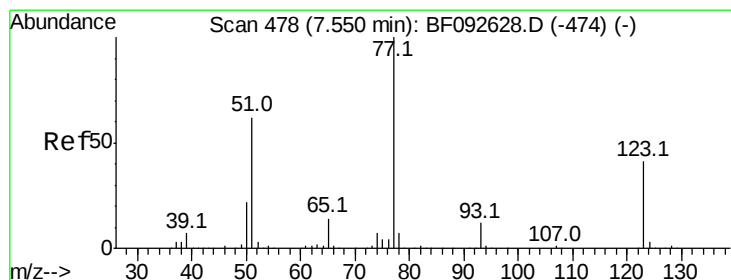
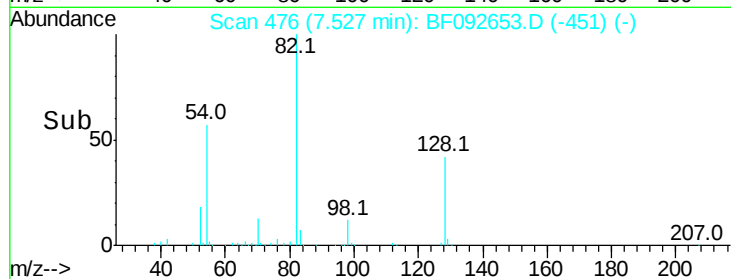
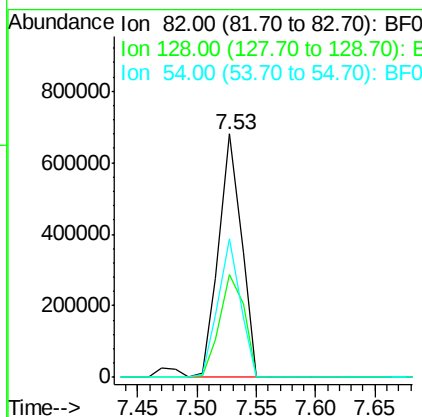
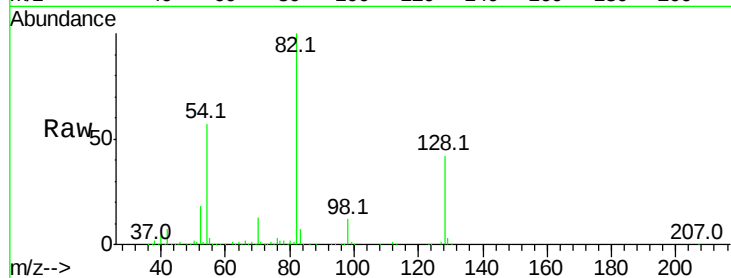
#23
 Nitrobenzene-d5
 Concen: 78.74 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3		34.6	52.0
54	57.1		39.5	59.3

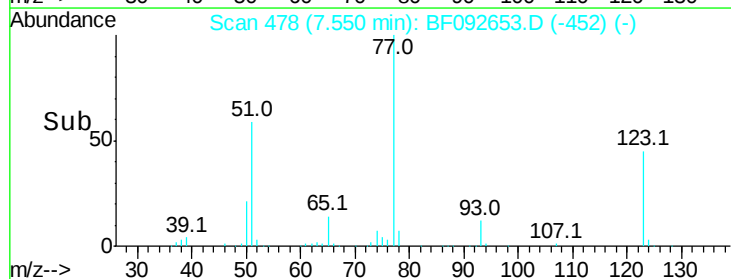
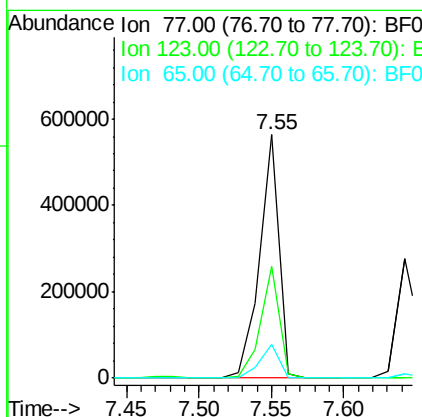
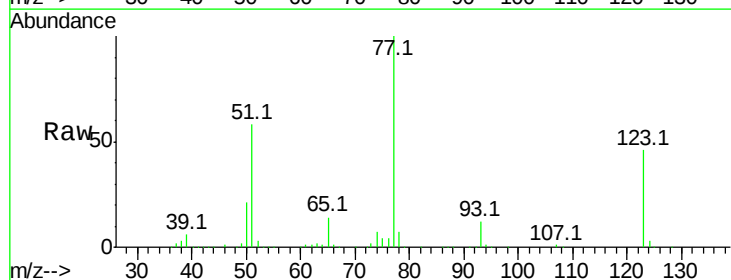
Manual Integrations
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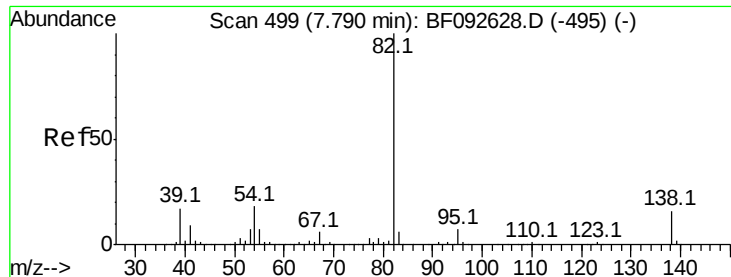
mohammad
 1/31/2017 4:45:58 PM



#24
 Nitrobenzene
 Concen: 44.34 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.0		33.0	49.4
65	13.9		11.2	16.8





#25

Isophorone

Concen: 43.15 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

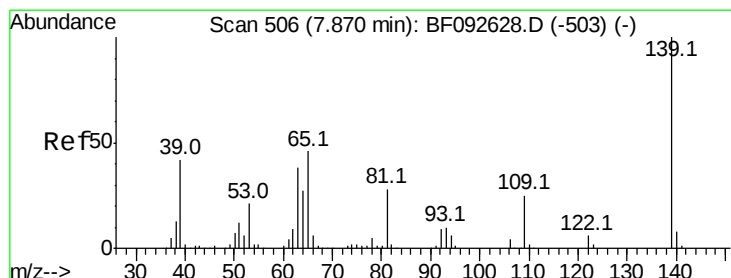
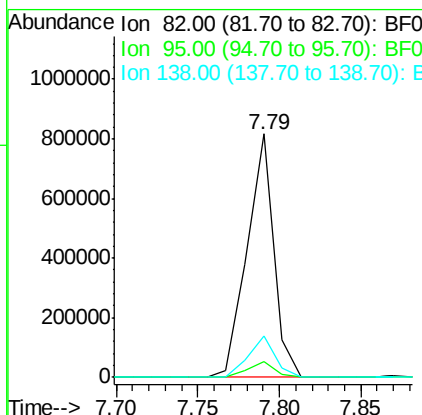
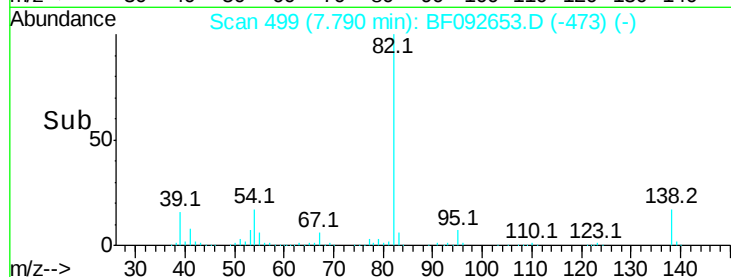
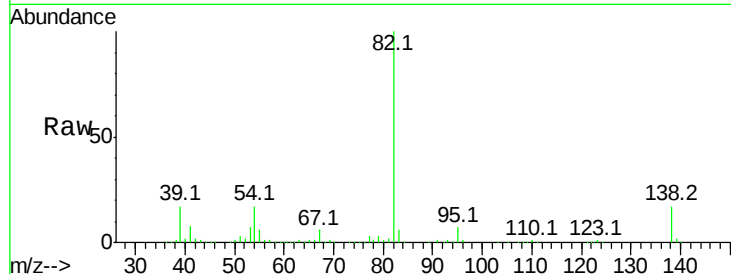
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:	82	Resp:	925175
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	17.1	14.6	22.0

Manual Integrations
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1/31/2017 4:45:58 PM



#26

2-Nitrophenol

Concen: 48.89 ng

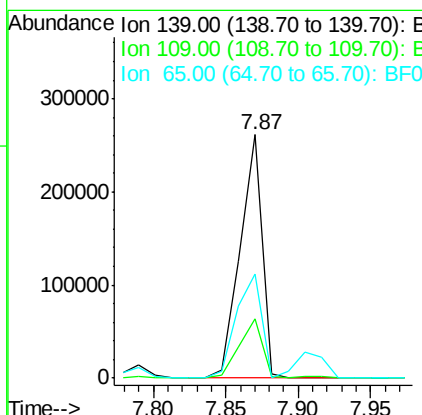
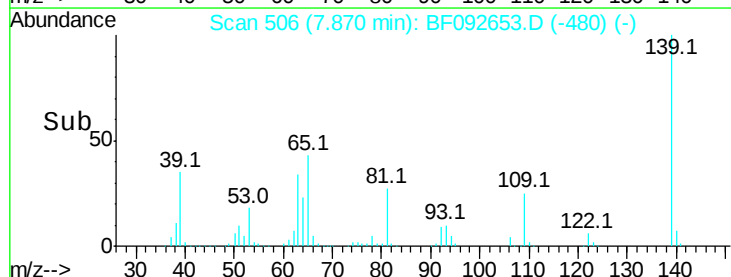
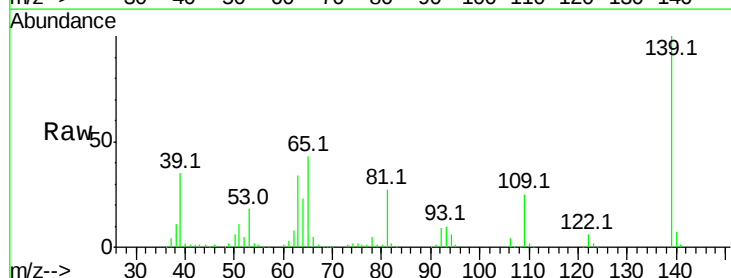
RT: 7.87 min Scan# 506

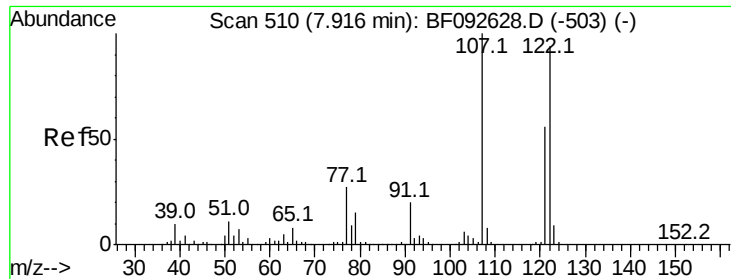
Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:	139	Resp:	274568
Ion Ratio	Lower	Upper	
139	100		
109	24.6	23.3	34.9
65	42.6	42.7	64.1#





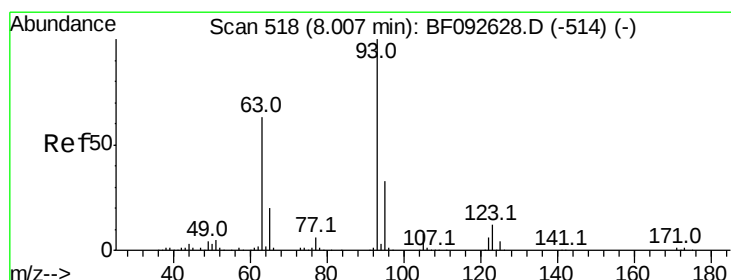
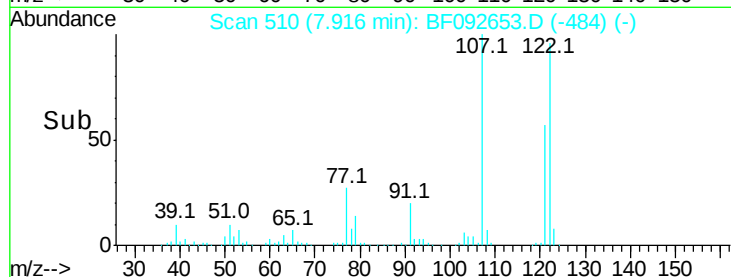
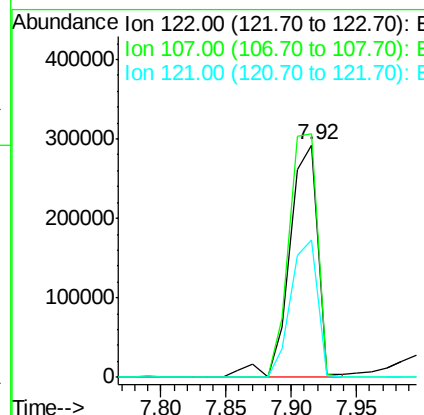
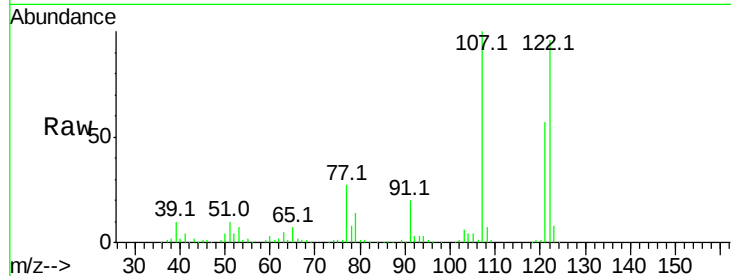
#27
2,4-Dimethylphenol
Concen: 45.21 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	445915		
107	104.7		94.1	141.1
121	59.4		46.0	69.0

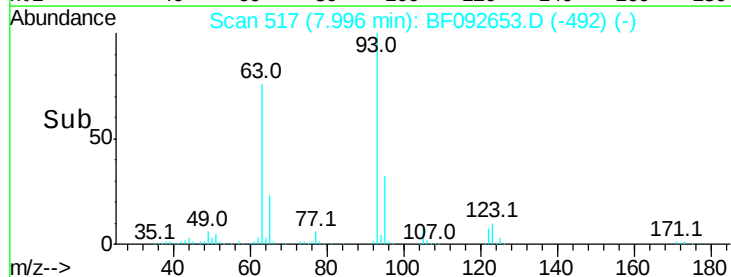
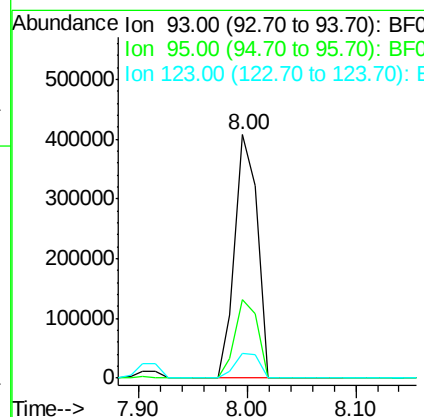
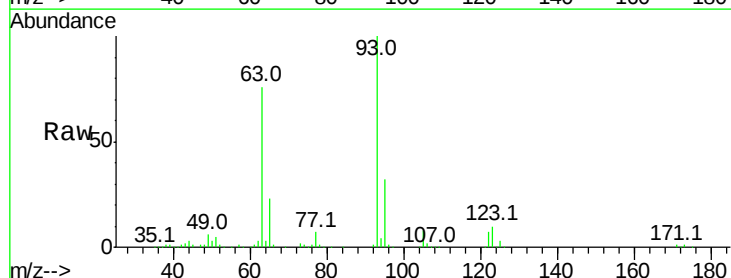
Manual Integrations
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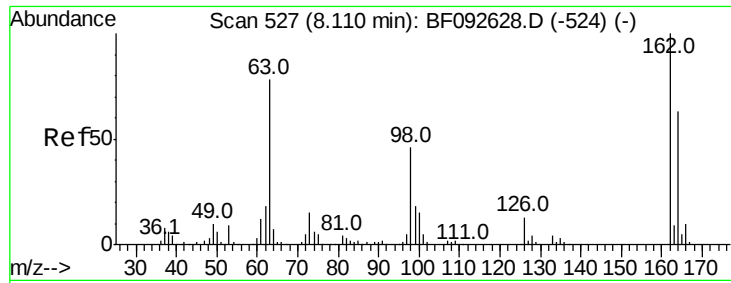
mohammad
1/31/2017 4:45:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.58 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	576260		
95	32.5		26.5	39.7
123	10.3		8.6	13.0





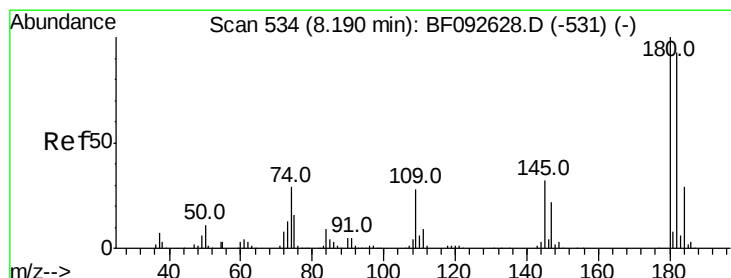
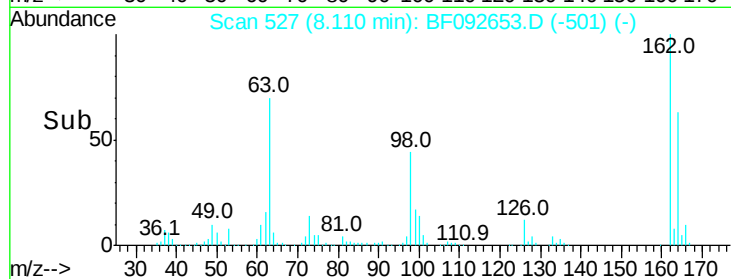
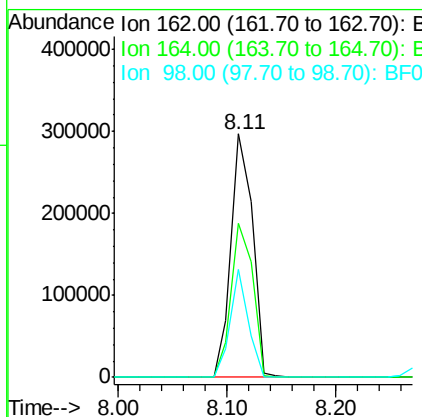
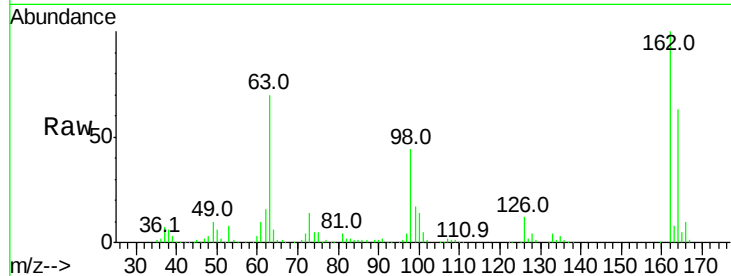
#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	404263		
164	63.5	46.8	86.8	
98	44.1	9.1	49.1	

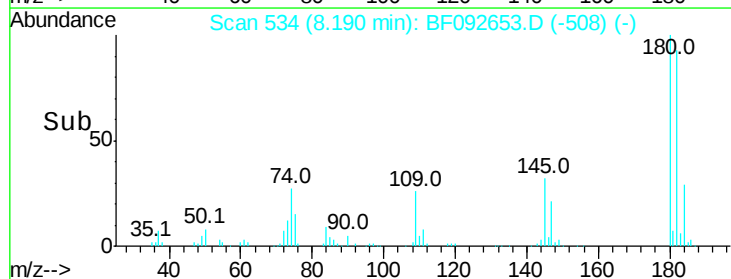
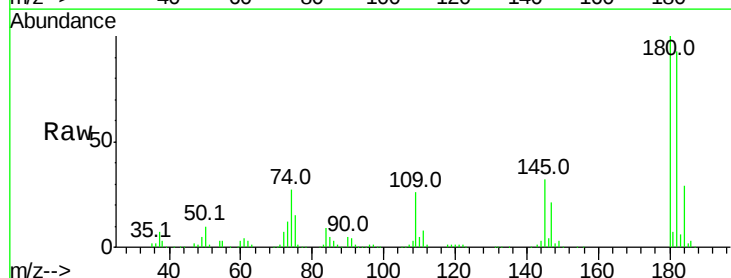
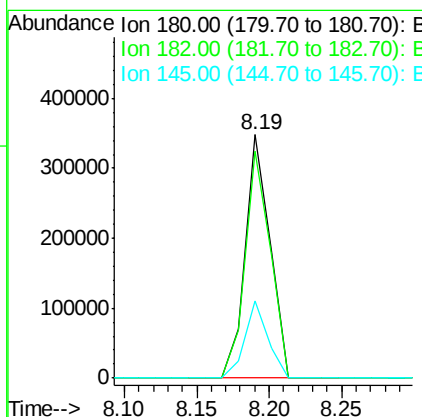
Manual Integrations
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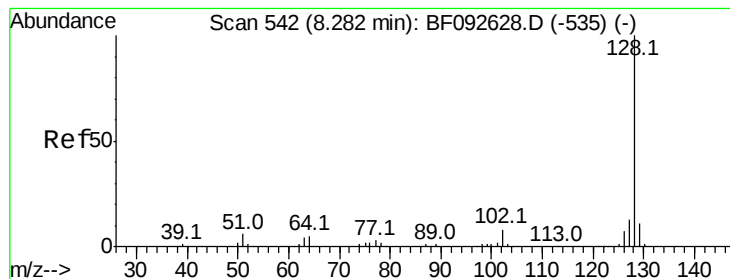
mohammad
 1/31/2017 4:45:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.60 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	412332		
182	93.2	78.2	117.4	
145	31.6	21.6	32.4	





#31

Naphthalene

Concen: 40.62 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:128 Resp: 1319470

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

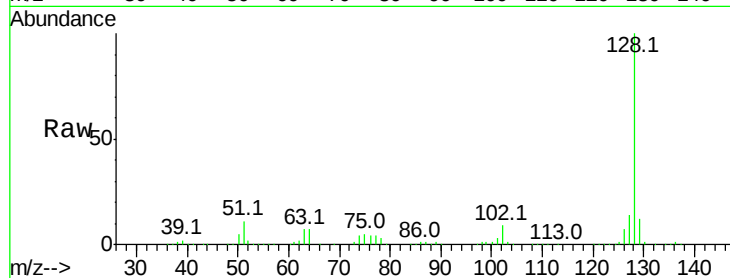
127 13.6 10.8 16.2

Manual Integrations

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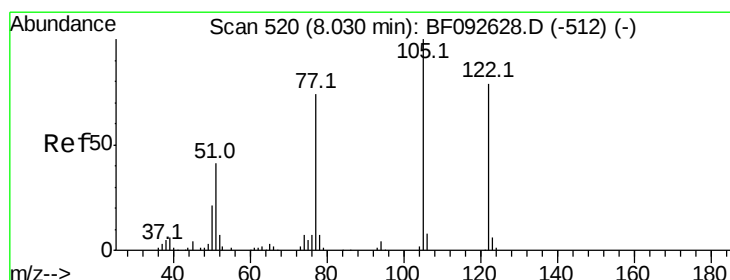
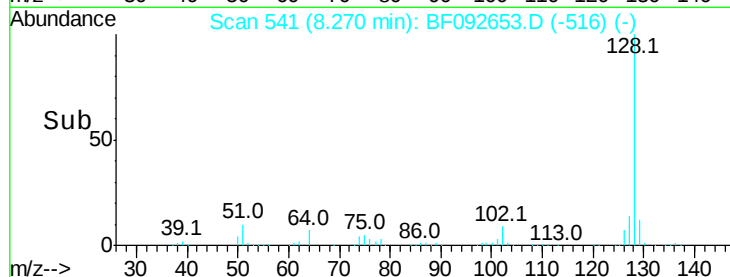
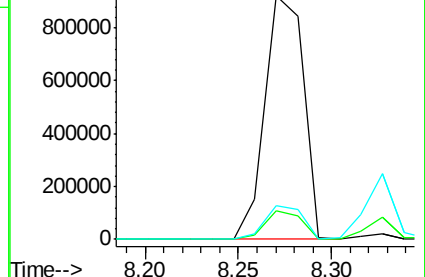
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.47 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

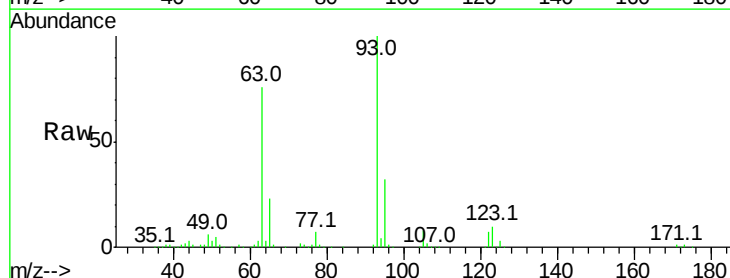
Tgt Ion:122 Resp: 67677

Ion Ratio Lower Upper

122 100

105 120.3 107.2 147.2

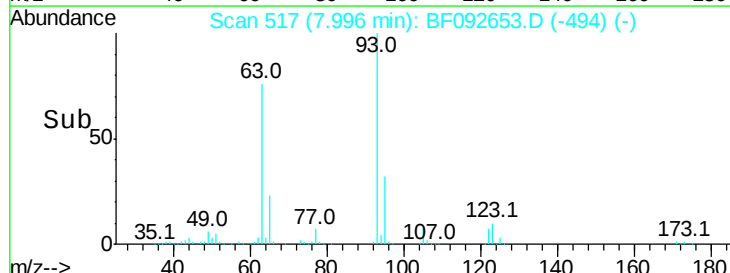
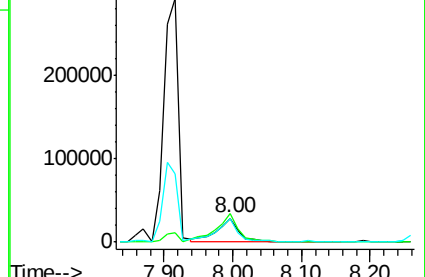
77 96.6 74.5 114.5

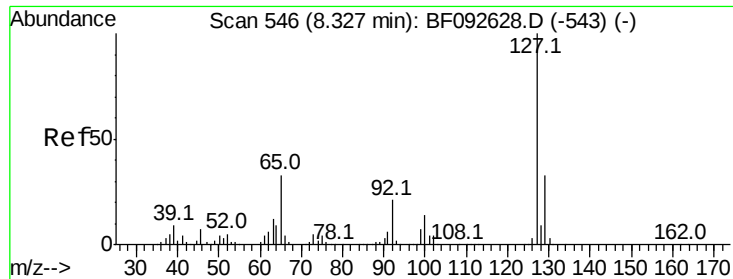


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





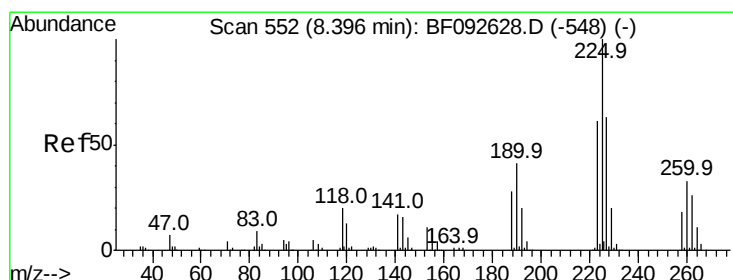
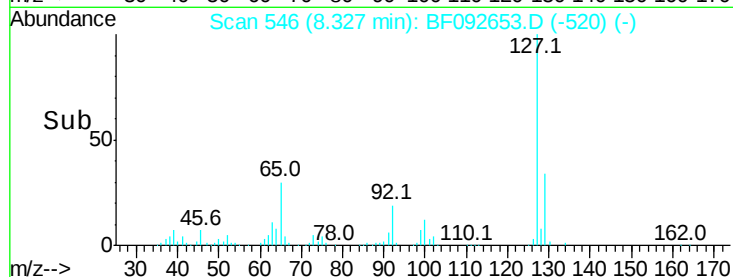
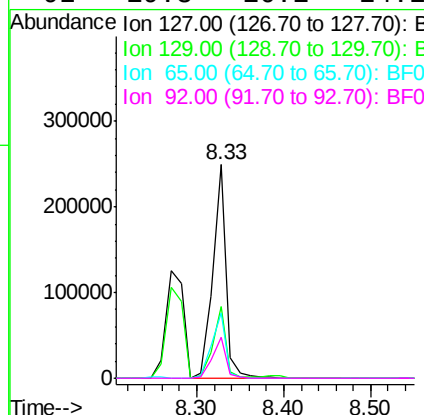
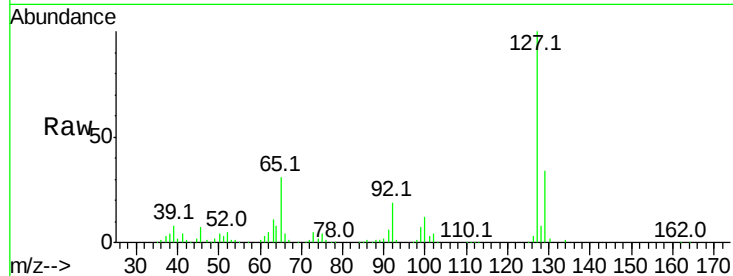
#33
4-Chloroaniline
Concen: 20.96 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	267033		
129	33.5		26.3	39.5
65	30.5		25.8	38.8
92	19.3		16.1	24.1

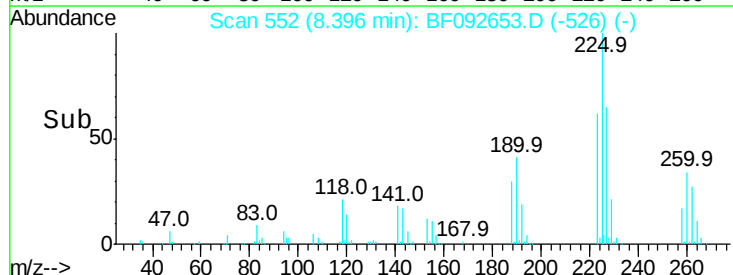
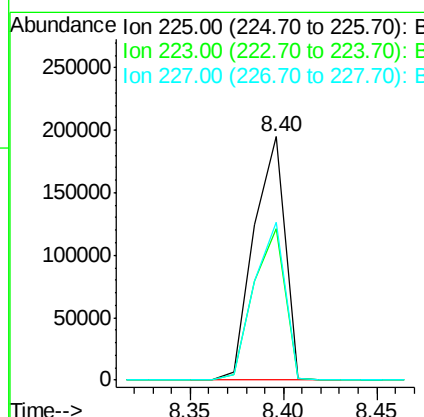
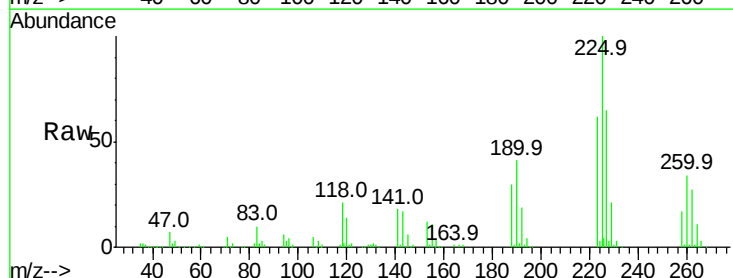
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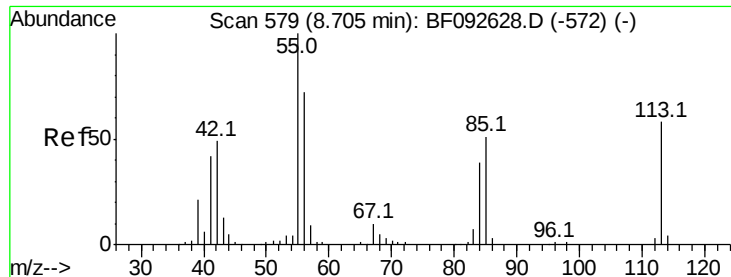
mohammad
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#34
Hexachlorobutadiene
Concen: 41.25 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	224968		
223	62.0		51.0	76.6
227	64.8		50.6	76.0





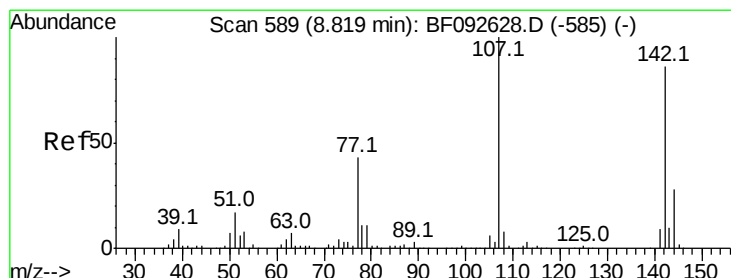
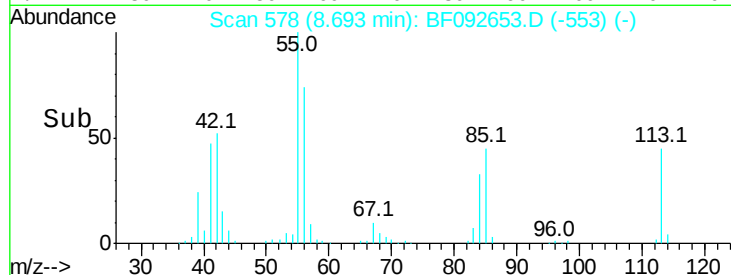
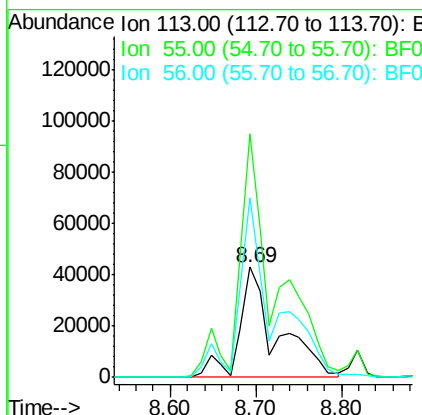
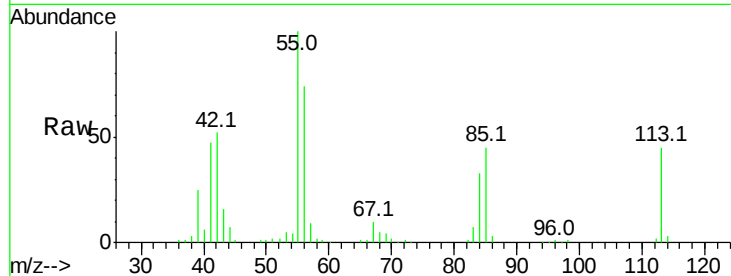
#35
 Caprolactam
 Concen: 45.11 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:113 Resp: 130525
 Ion Ratio Lower Upper
 113 100
 55 221.5 119.2 159.2#
 56 163.8 83.8 123.8#

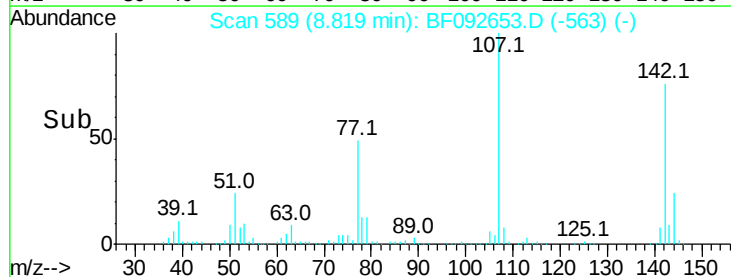
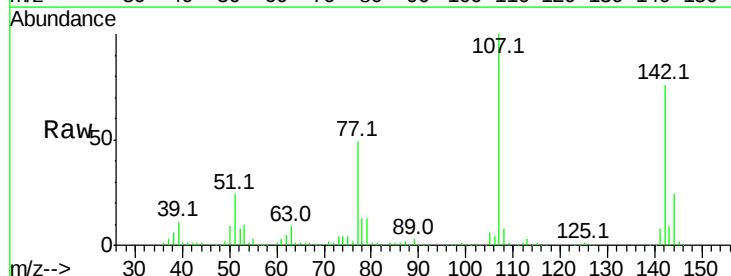
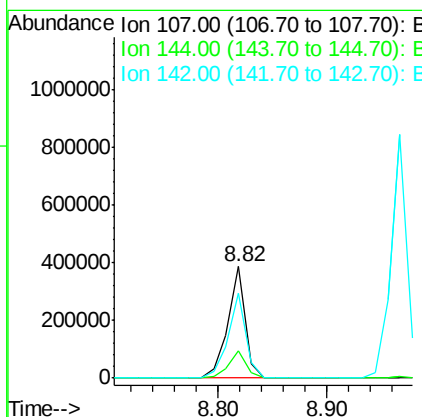
Manual Integrations
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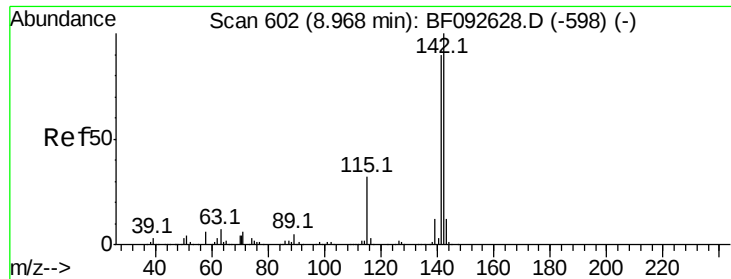
mohammad
 1/31/2017 4:45:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.62 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:107 Resp: 427924
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 75.9 59.0 88.6





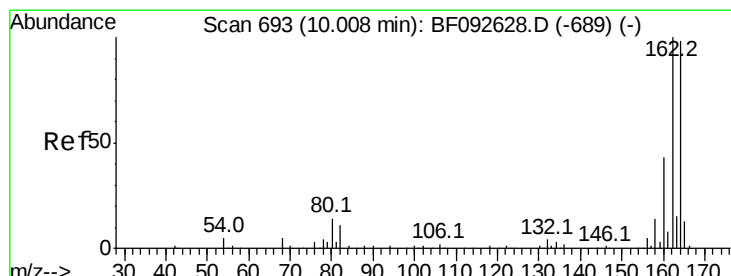
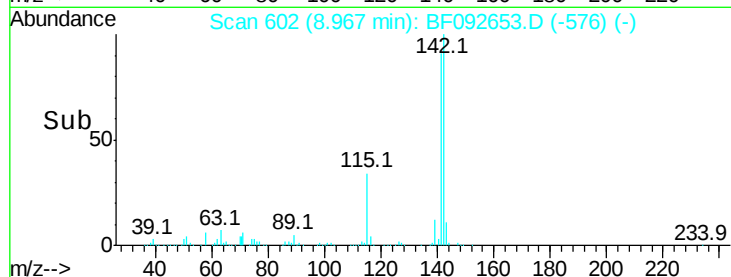
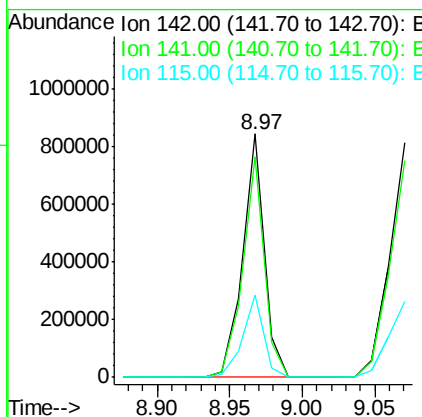
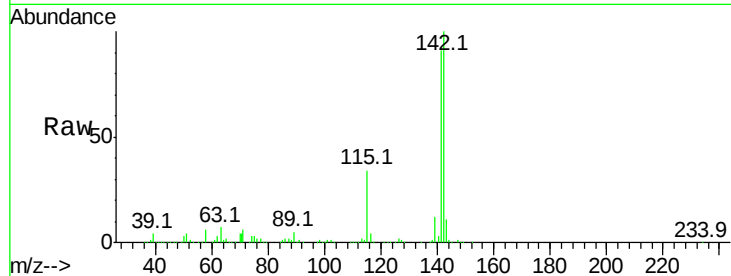
#37
2-Methylnaphthalene
Concen: 42.07 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	34.0	28.3	42.5

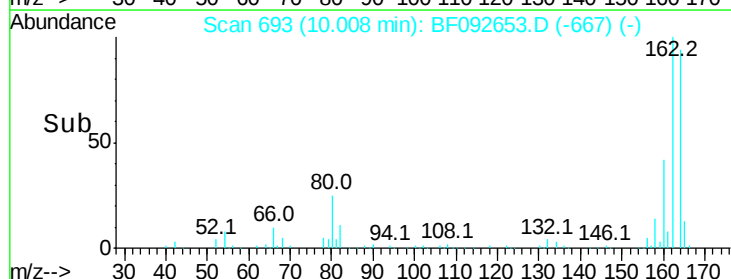
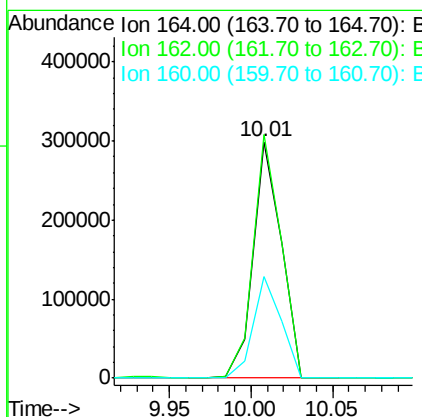
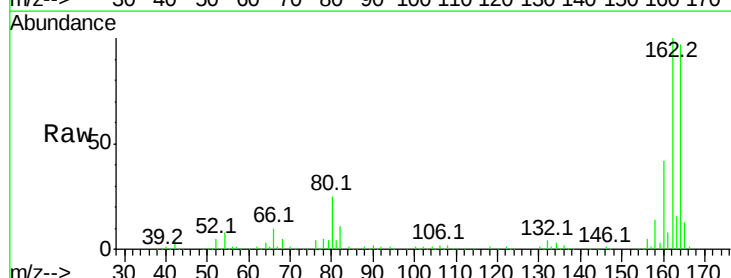
Manual Integrations
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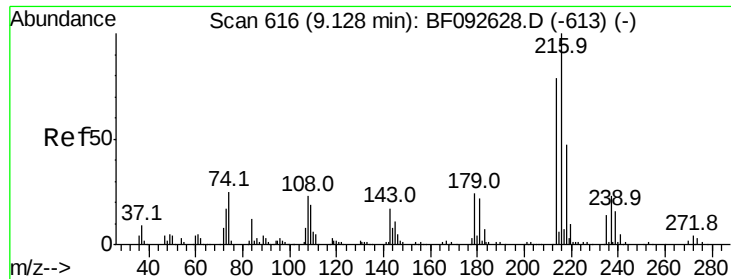
mohammad
1/31/2017 4:45:58 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	43.1	36.9	55.3





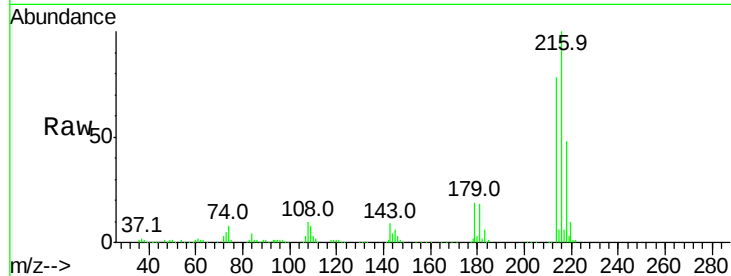
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

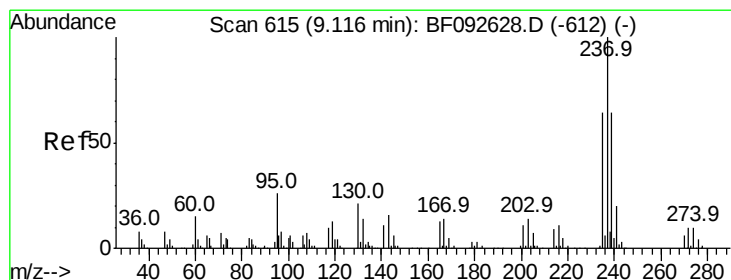
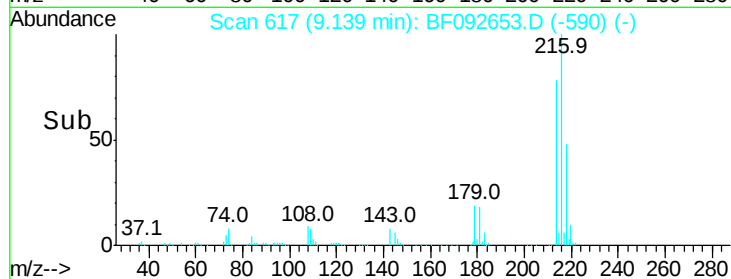
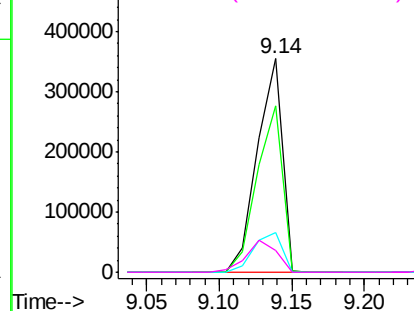
Tot Ion:	216	Resp:	427034
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	20.9	17.4	26.2
108	18.1	15.6	23.4

Manual Integrations
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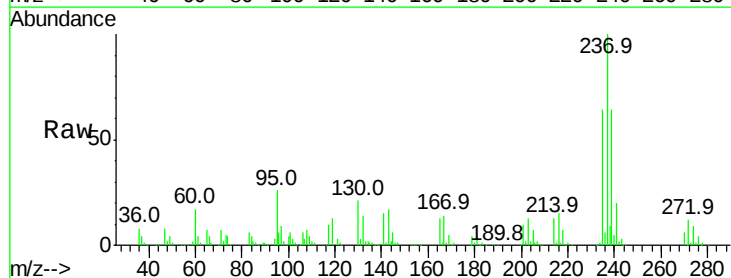


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

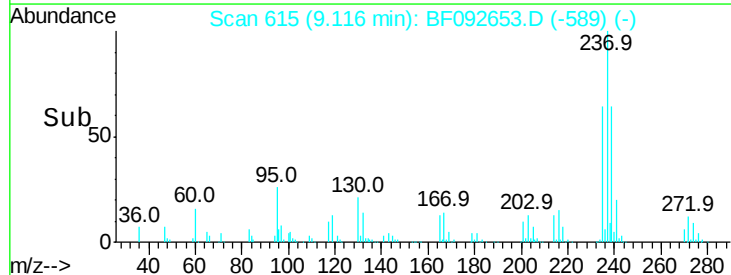
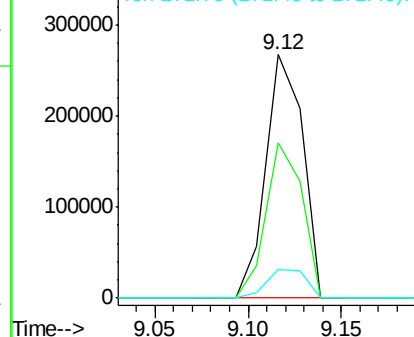


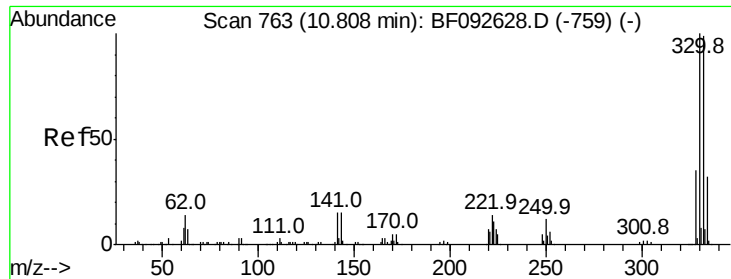
#40
 Hexachlorocyclopentadiene
 Concen: 80.46 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:	237	Resp:	365416
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.2	81.2
272	11.8	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





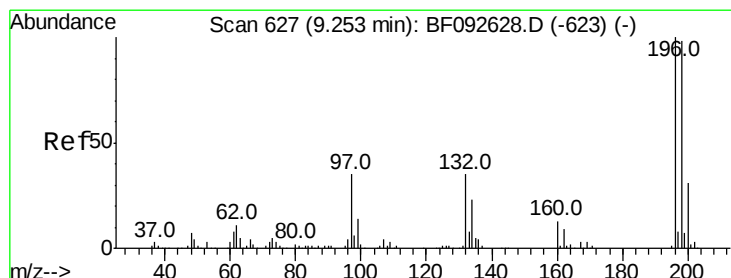
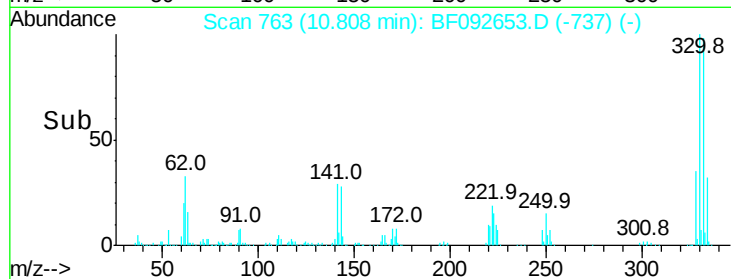
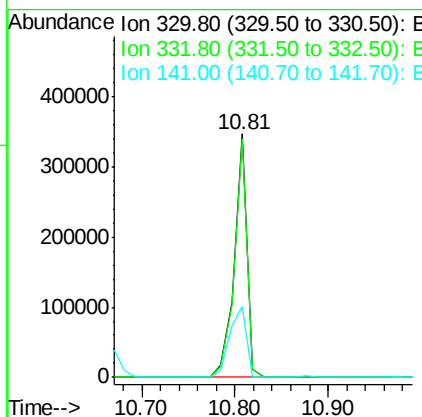
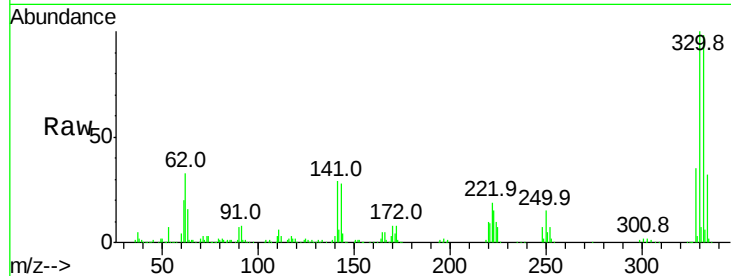
#41
 2,4,6-Tribromophenol
 Concen: 128.56 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.4	116.2	
141	38.7	34.1	51.1	

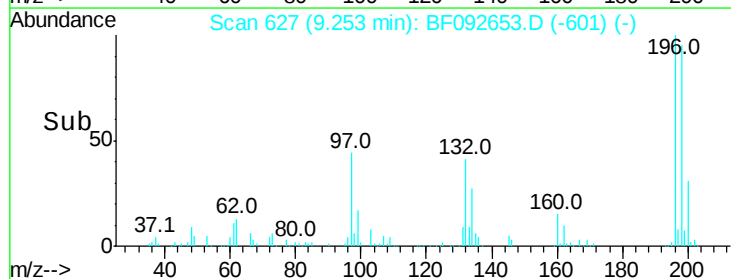
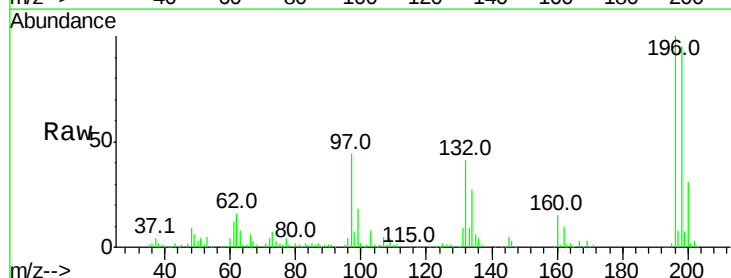
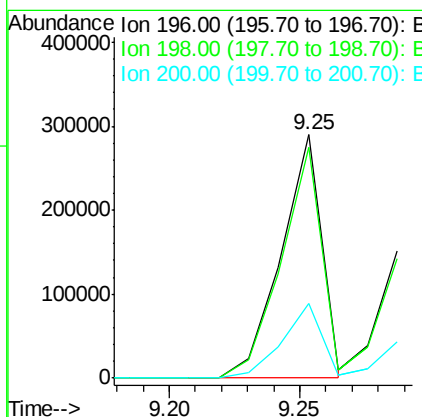
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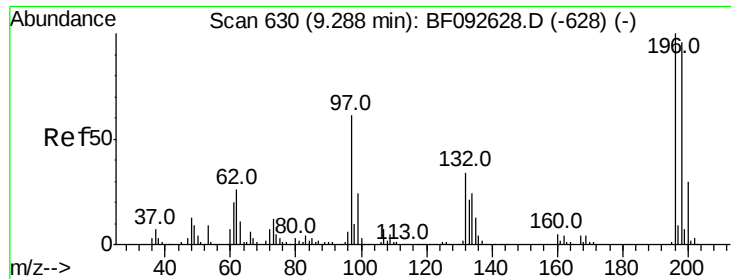
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 47.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	82.1	123.1	
200	30.6	27.0	40.4	





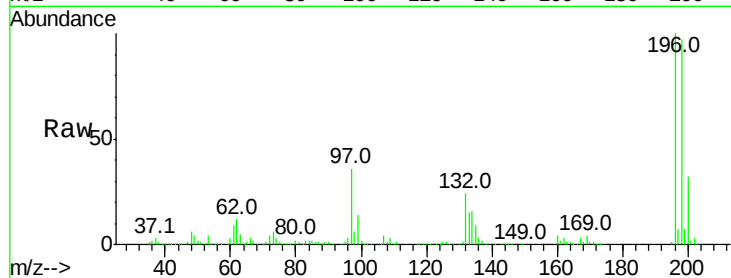
#43
 2,4,5-Trichlorophenol
 Concen: 44.02 ng/ml
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

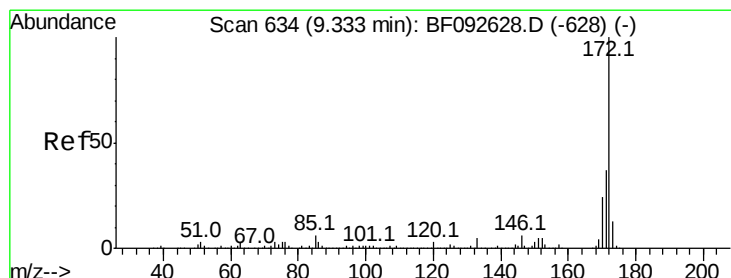
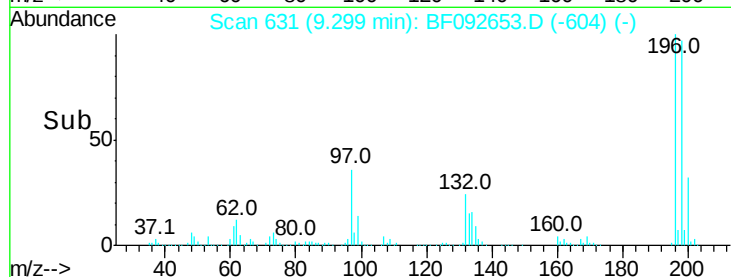
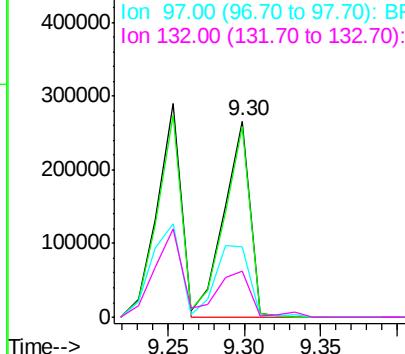
Tot Ion	196	Resp	319051
Ion Ratio	Lower	Upper	
196	100		
198	97.1	79.4	119.2
97	36.0	51.5	77.3#
132	23.7	27.4	41.2#

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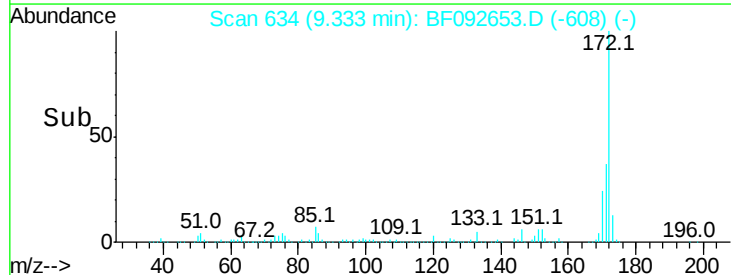
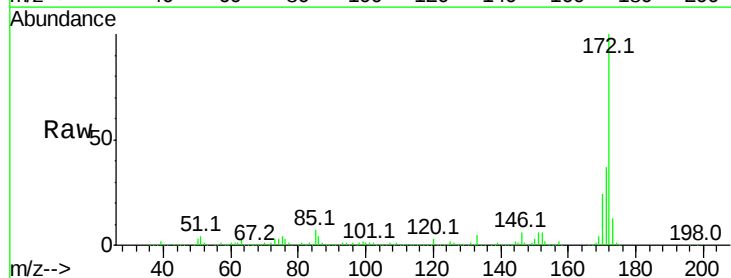
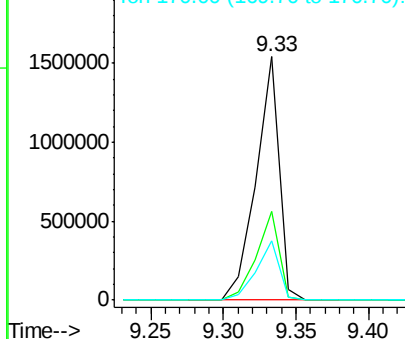
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

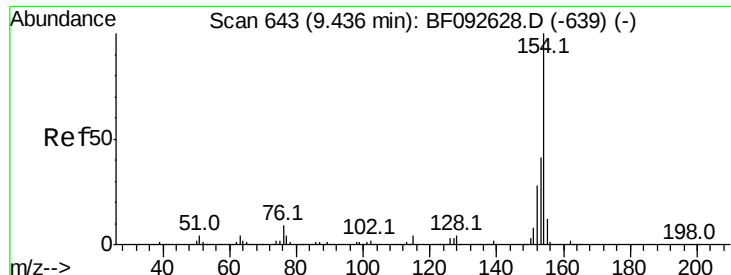


#44
 2-Fluorobiphenyl
 Concen: 85.83 ng/ml
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	172	Resp	1698897
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.09 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:154 Resp: 1196842

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

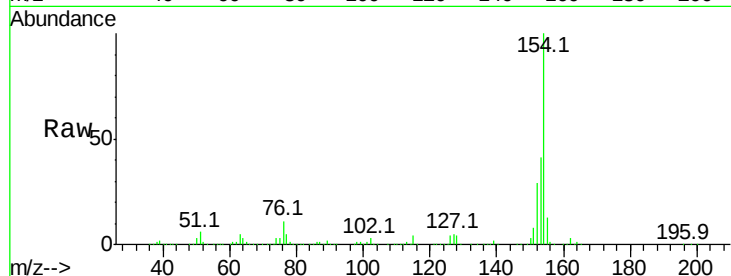
76 11.3 0.0 30.5

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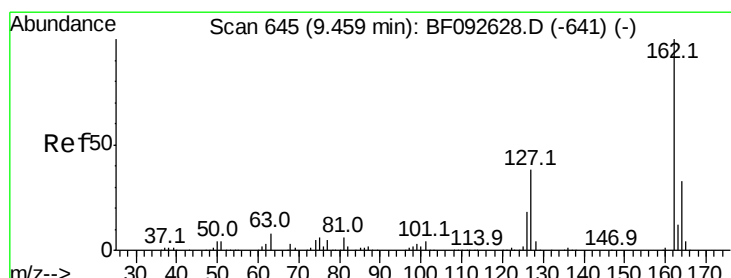
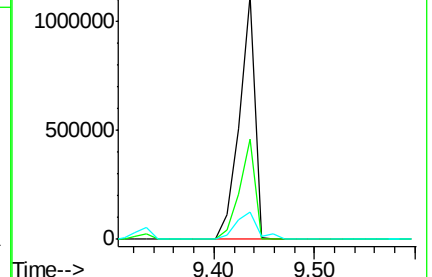
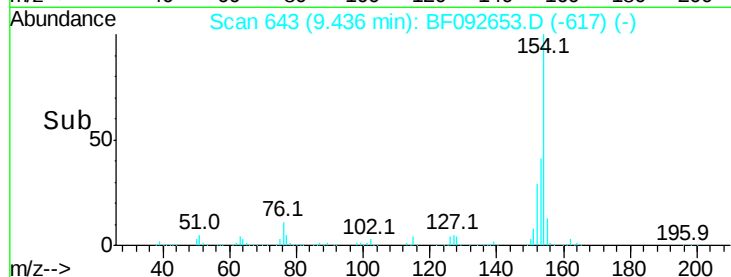
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.25 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

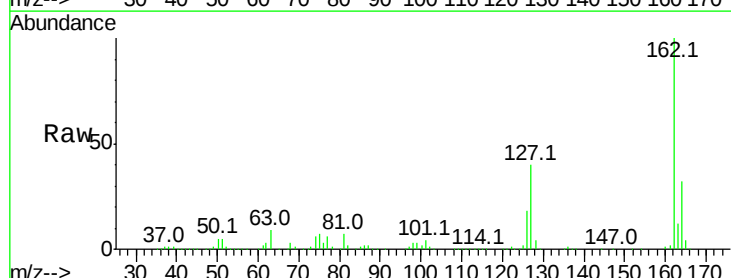
Tgt Ion:162 Resp: 878546

Ion Ratio Lower Upper

162 100

127 39.5 30.7 46.1

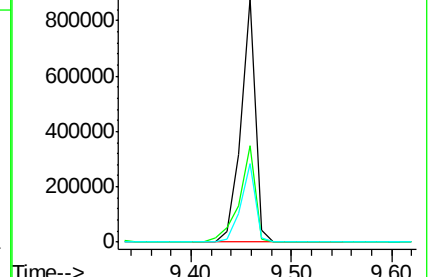
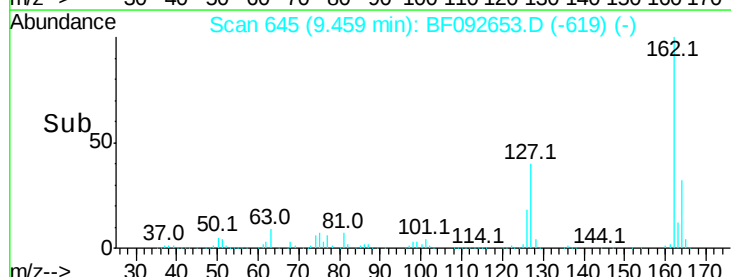
164 32.4 27.6 41.4



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





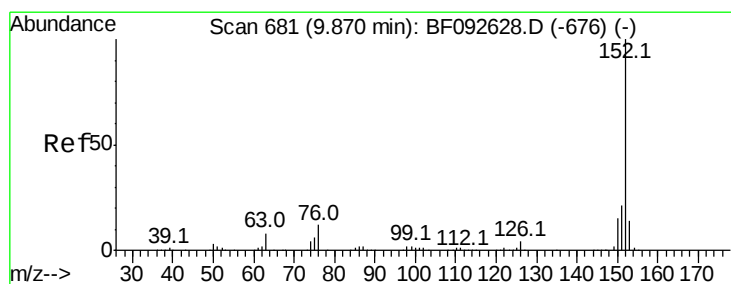
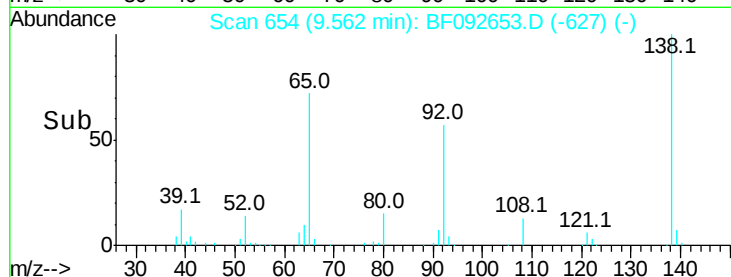
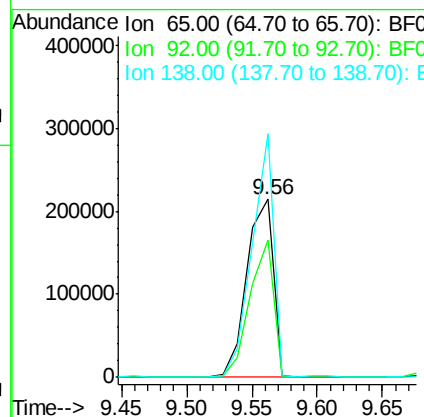
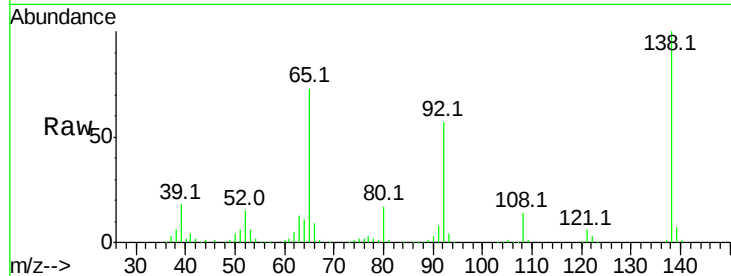
#47
2-Nitroaniline
Concen: 44.45 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.6	53.9	80.9
138	136.9	76.8	115.2#

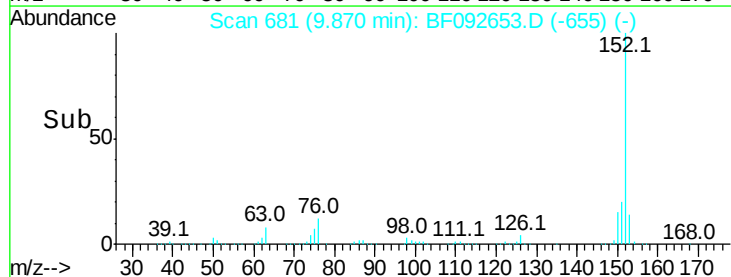
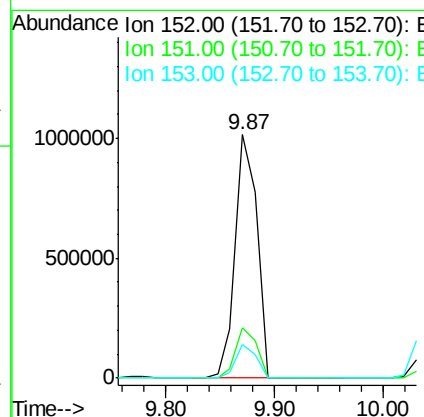
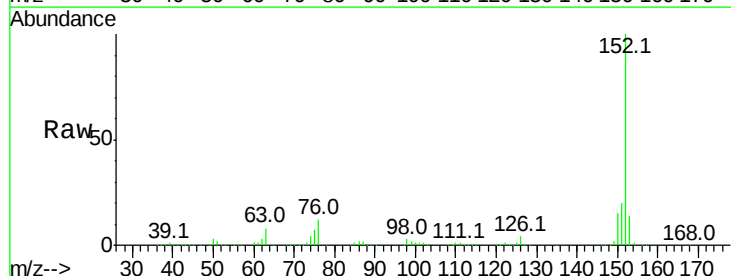
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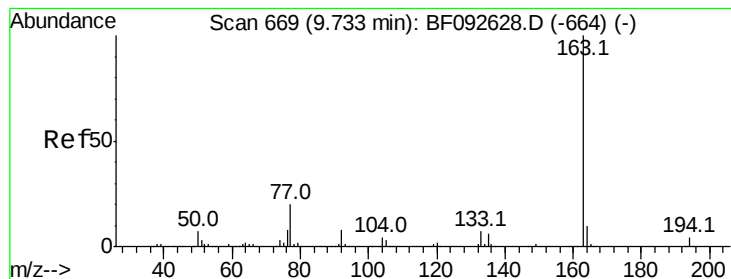
mohammad
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#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.7	11.4	17.2





#49

Dimethylphthalate

Concen: 49.85 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:163 Resp: 1204004

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

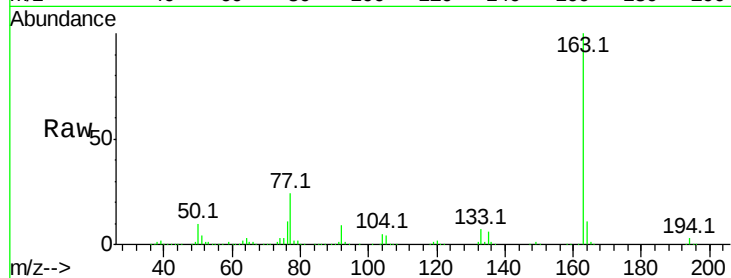
164 10.6 8.0 12.0

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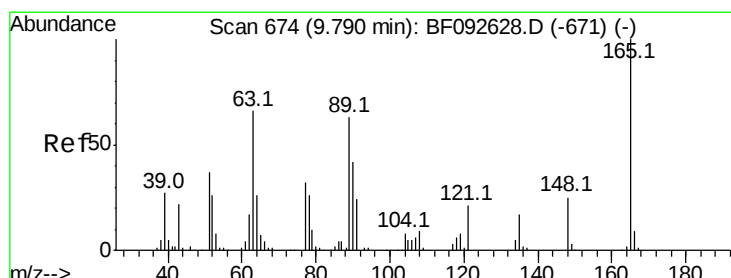
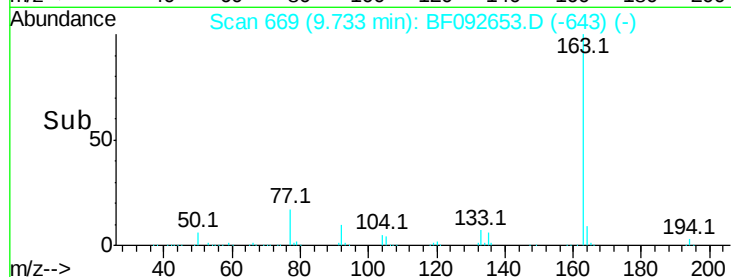
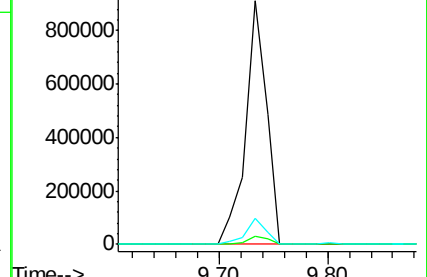
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.82 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

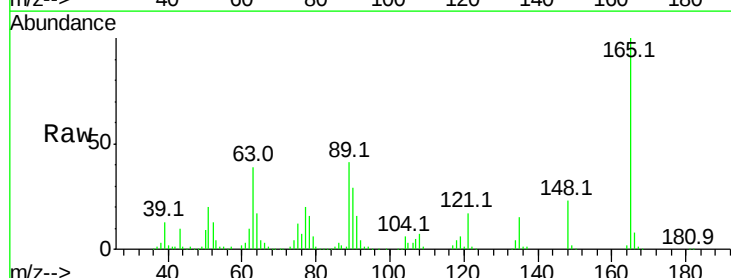
Tgt Ion:165 Resp: 259901

Ion Ratio Lower Upper

165 100

63 39.0 36.2 54.4

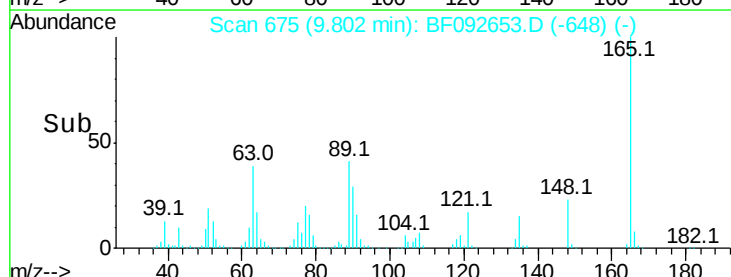
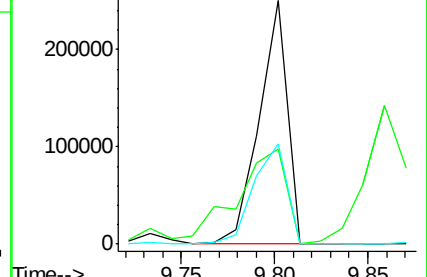
89 41.0 40.2 60.4

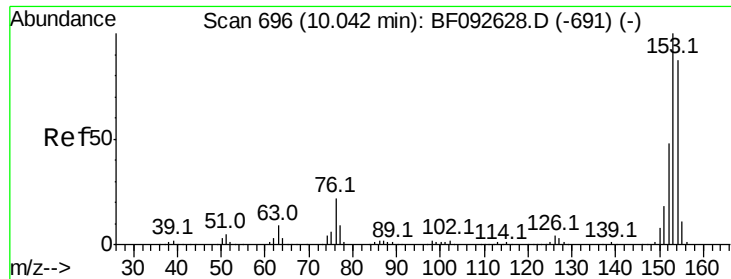


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.64 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:154 Resp: 873723

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

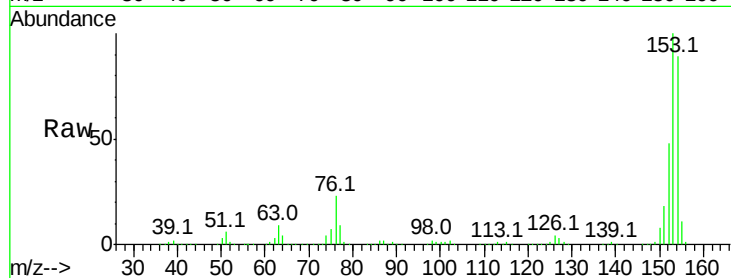
152 54.4 41.6 62.4

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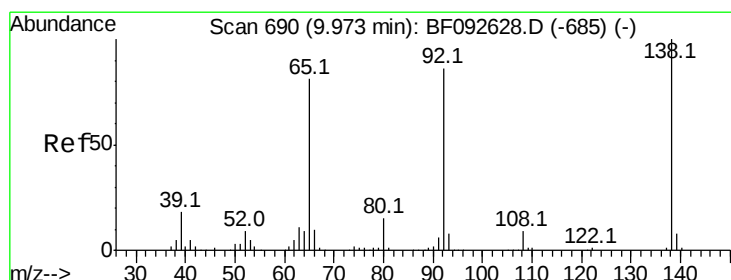
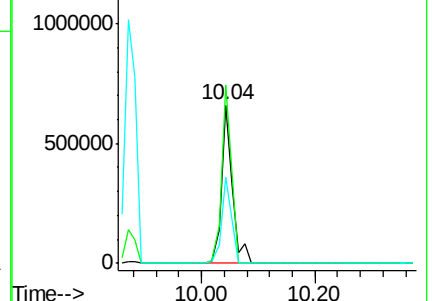
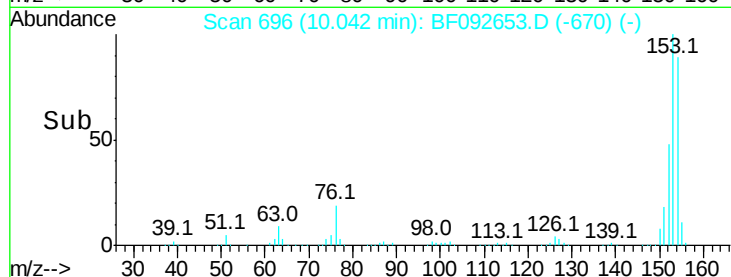
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.30 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

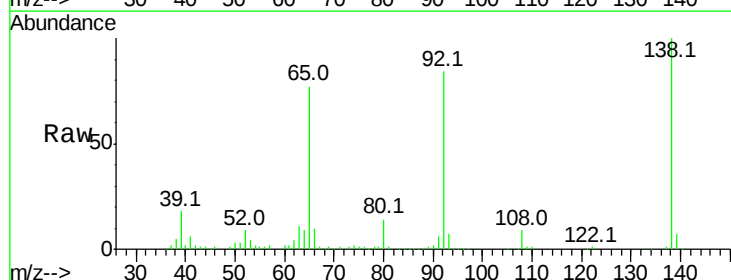
Tgt Ion:138 Resp: 174941

Ion Ratio Lower Upper

138 100

108 8.7 8.5 12.7

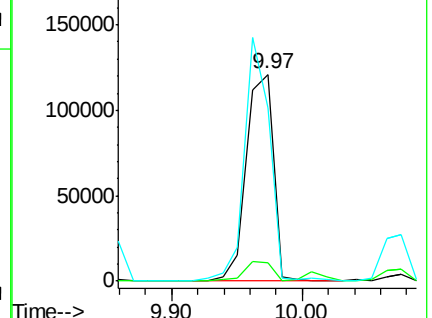
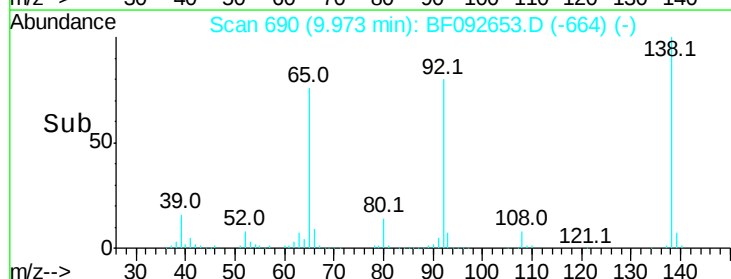
92 83.5 97.8 146.8#

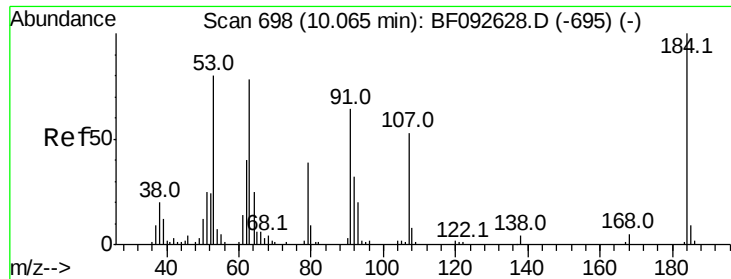


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





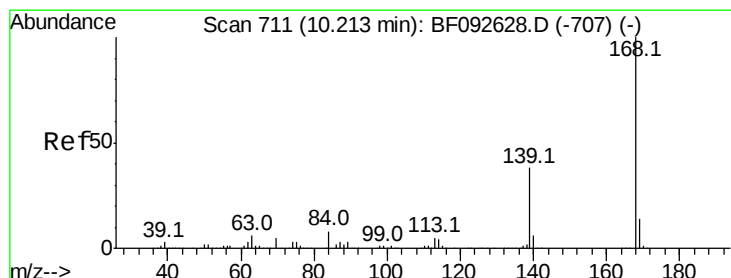
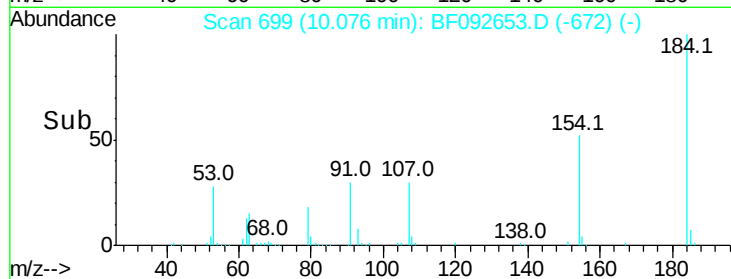
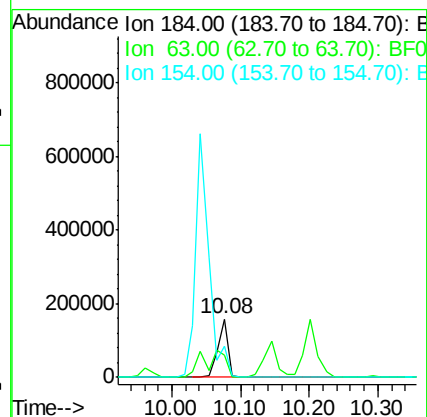
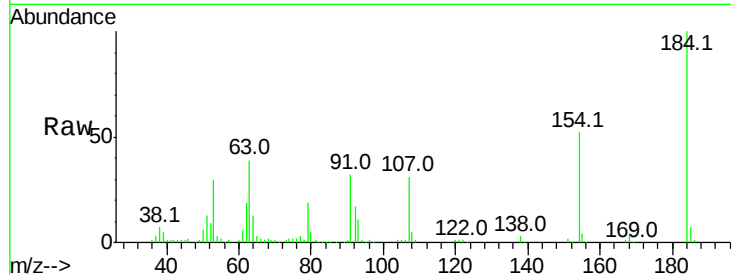
#53
 2,4-Dinitrophenol
 Concen: 64.75 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	169289		
63	38.7	28.4	42.6	
154	52.2	44.3	66.5	

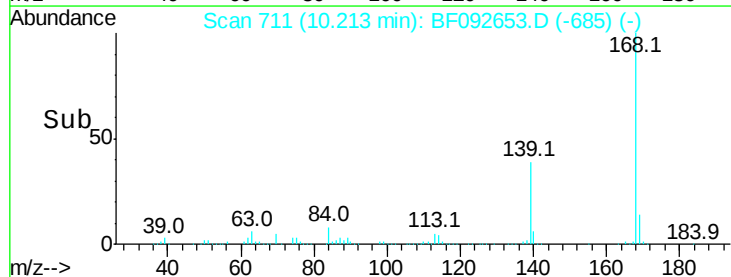
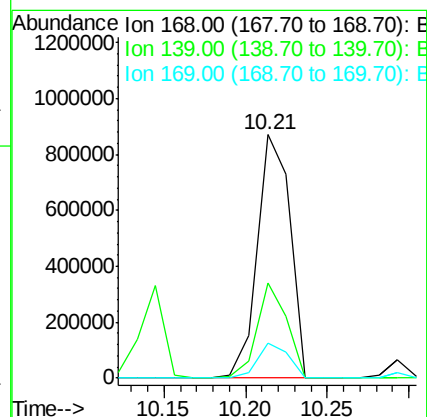
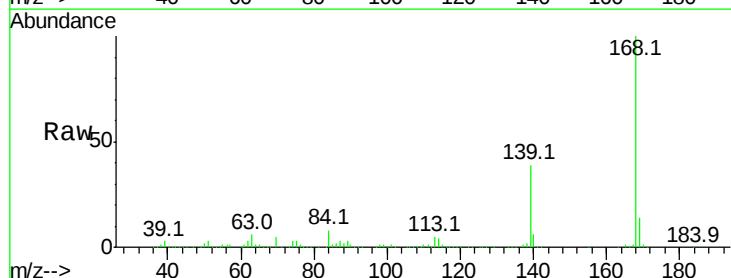
Manual Integrations
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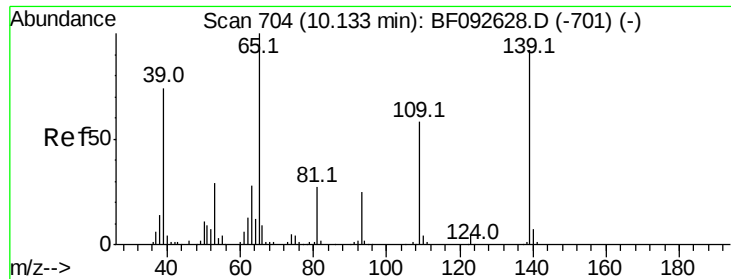
mohammad
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#54
 Dibenzofuran
 Concen: 43.13 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1210438		
139	39.0	32.6	49.0	
169	14.2	11.3	16.9	





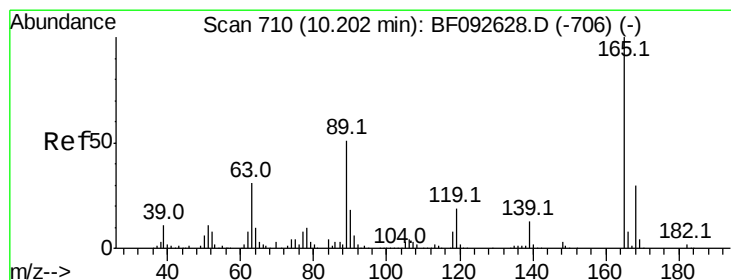
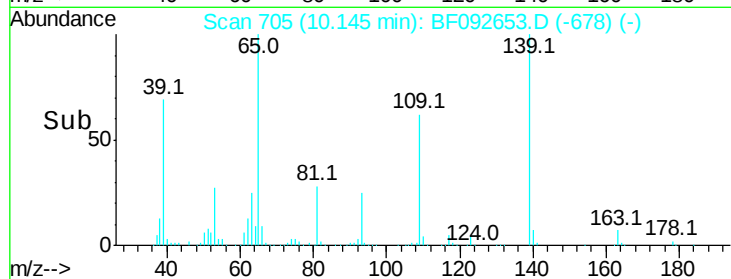
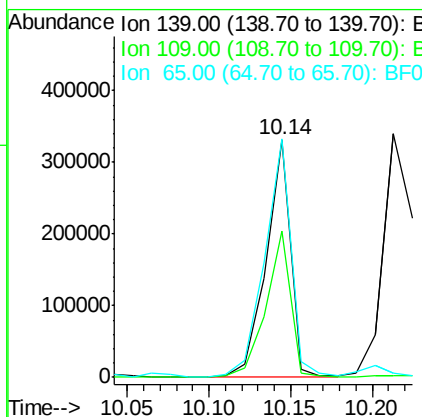
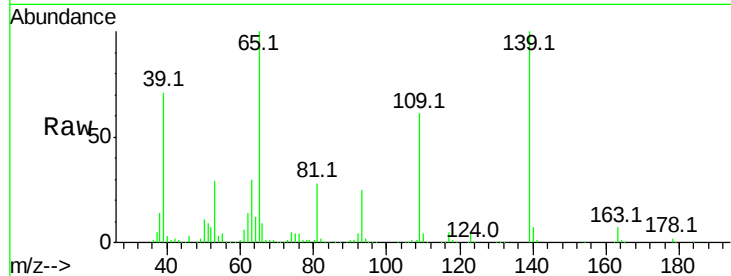
#55
4-Nitrophenol
Concen: 80.68 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.7	52.2	92.2	
65	100.5	85.8	125.8	

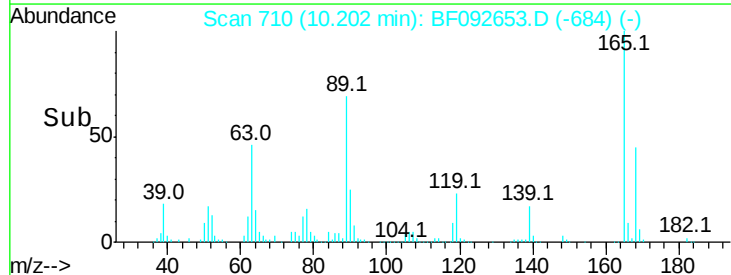
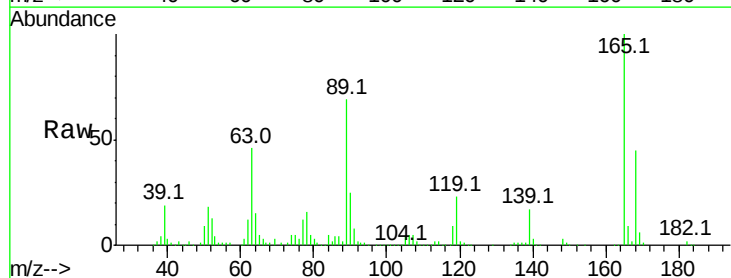
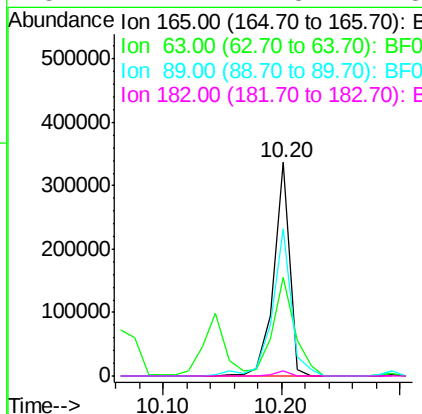
Manual Integrations
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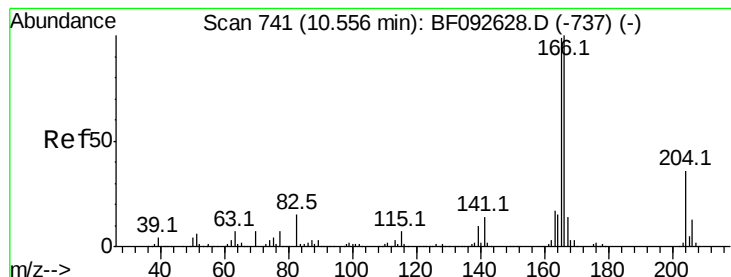
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.22 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	40.2	60.4	
89	69.1	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 40.86 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:166 Resp: 882104

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.8

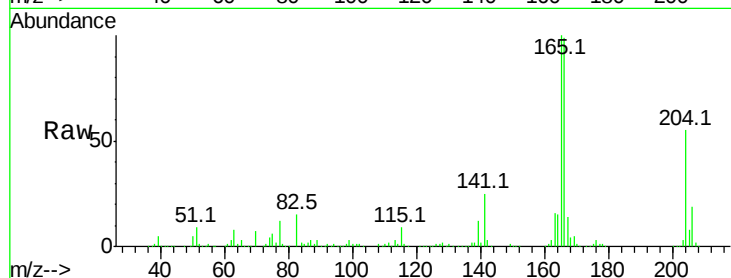
167 14.1 10.8 16.2

Manual Integrations

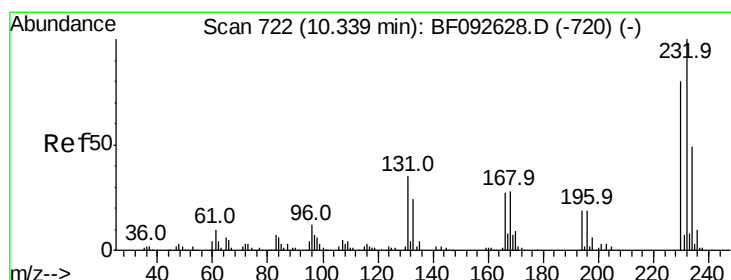
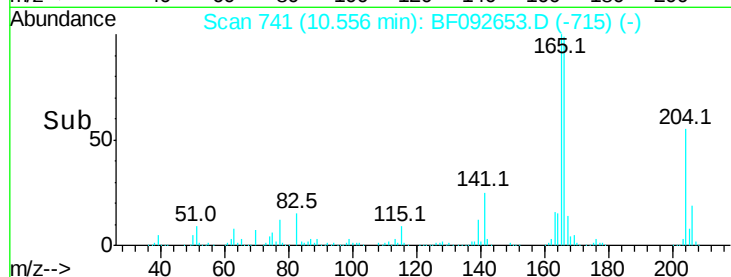
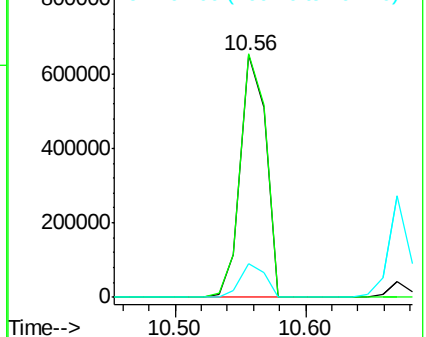
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.47 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:232 Resp: 248857

Ion Ratio Lower Upper

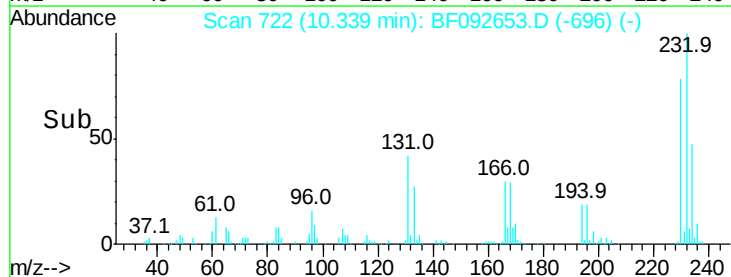
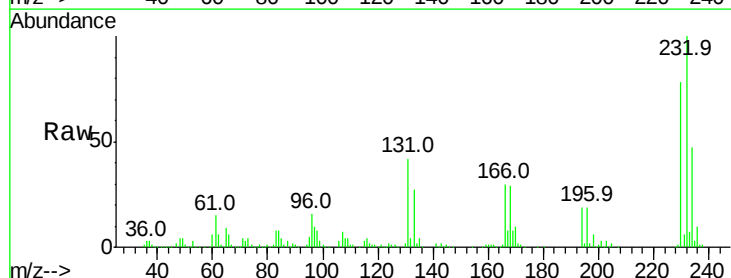
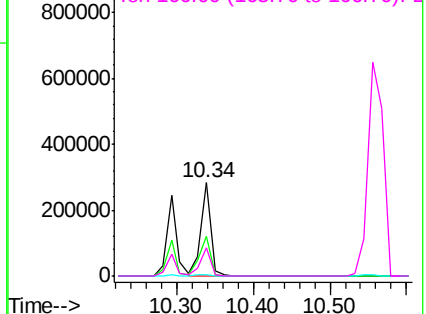
232 100

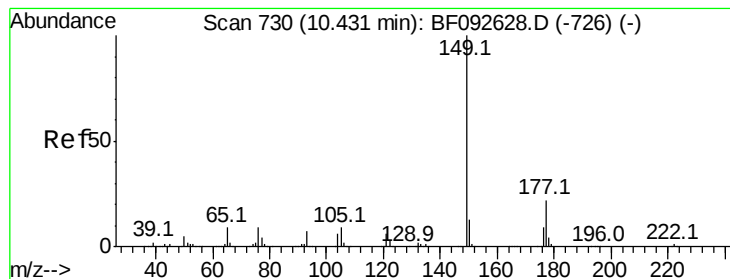
131 47.2 40.1 60.1

130 2.2 1.8 2.8

166 31.3 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: 42.29 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:149 Resp: 962646

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

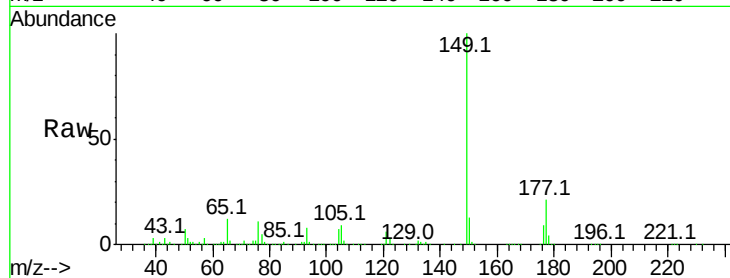
150 12.8 10.4 15.6

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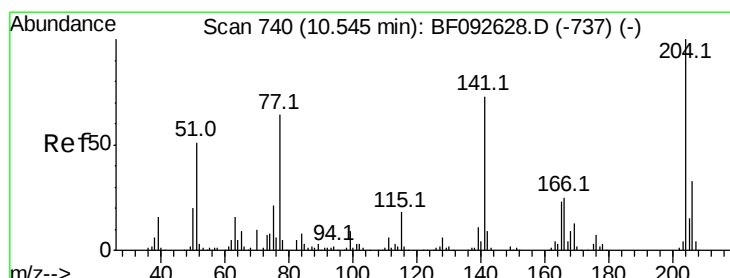
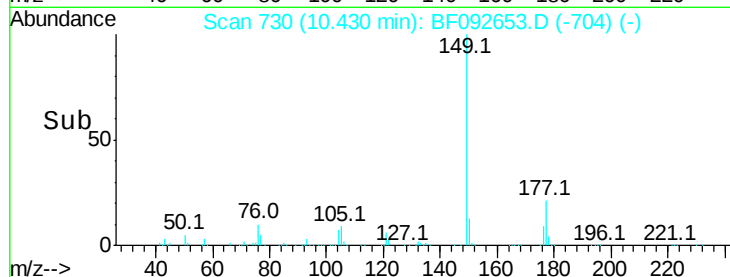
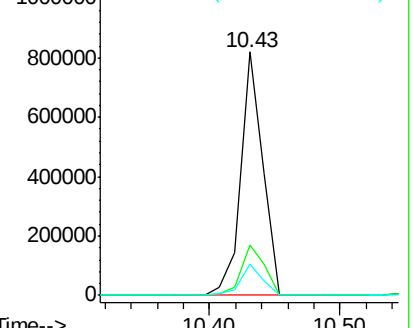
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.92 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

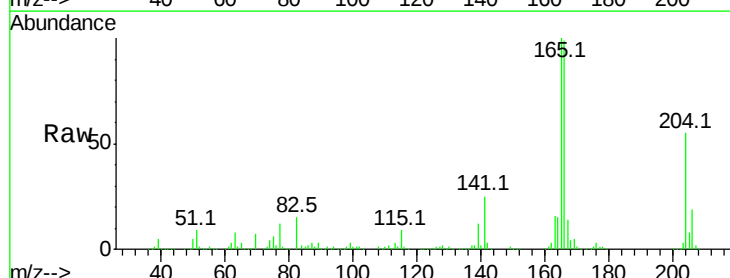
Tgt Ion:204 Resp: 434838

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

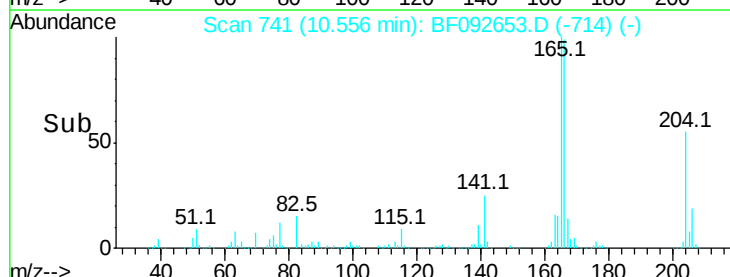
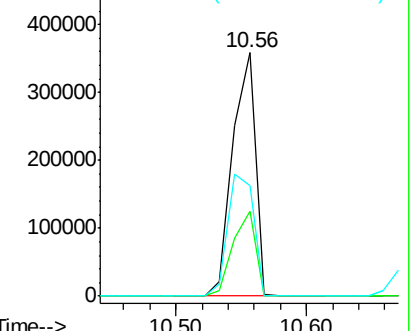
141 45.2 59.4 89.0#

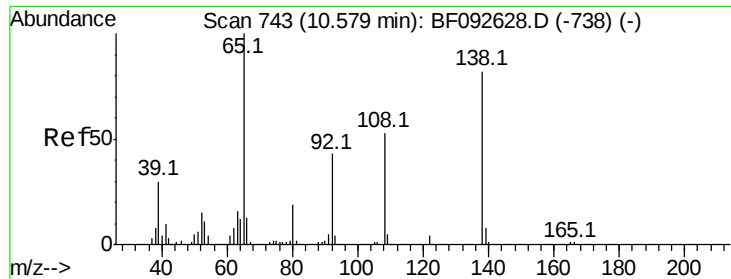


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





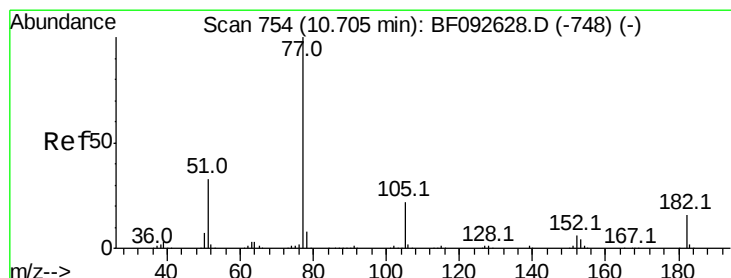
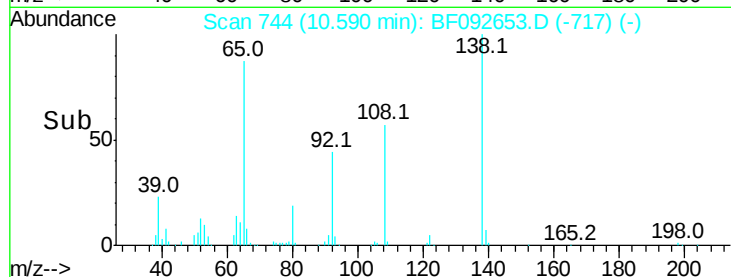
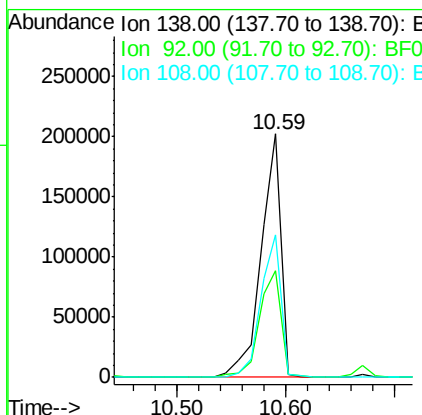
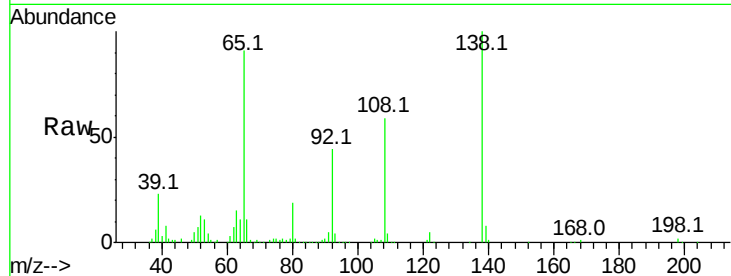
#61
4-Nitroaniline
Concen: 42.33 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	31.7	71.7
108	58.5	52.6	92.6

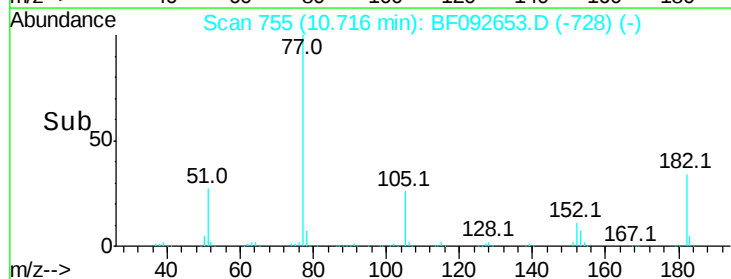
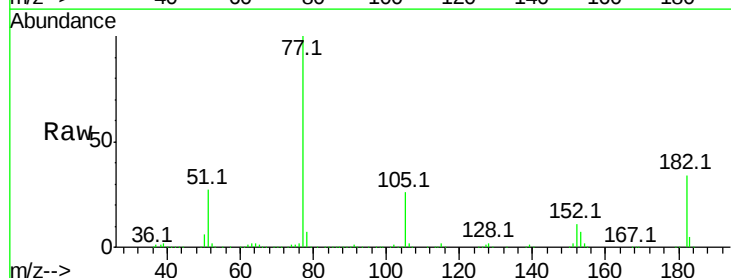
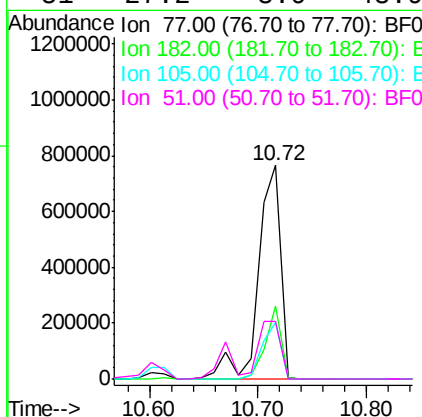
Manual Integrations
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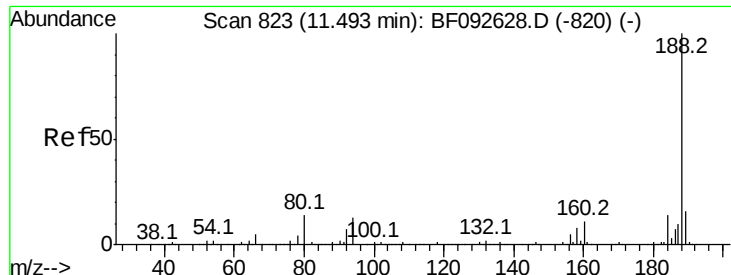
mohammad
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#62
Azobenzene
Concen: 47.00 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.1	0.0	39.3
105	26.4	2.3	42.3
51	27.2	8.9	48.9





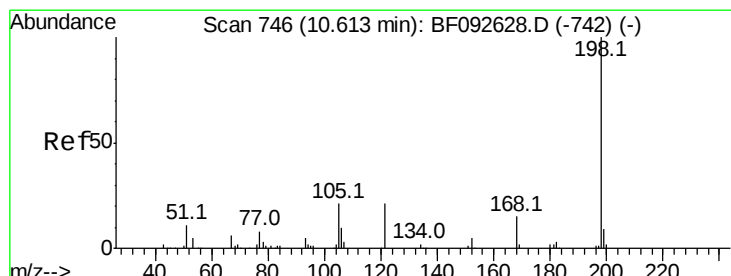
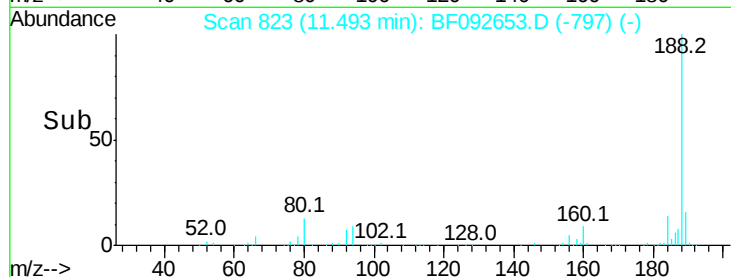
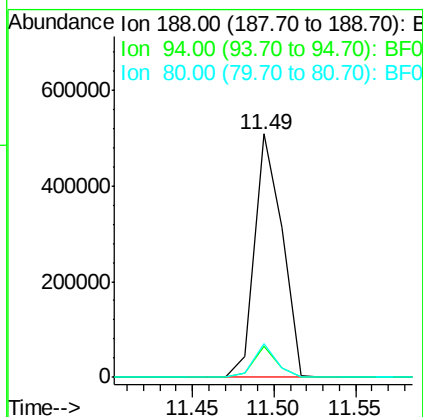
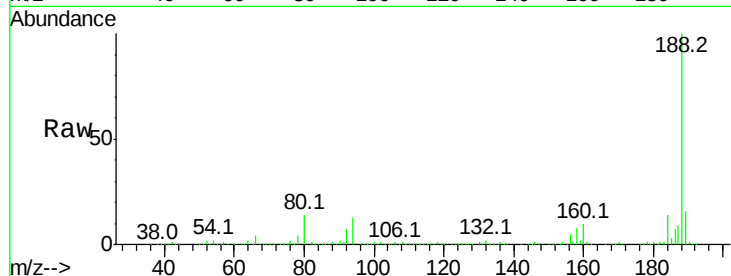
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	598167		
94	12.8		10.0	15.0
80	13.8		11.2	16.8

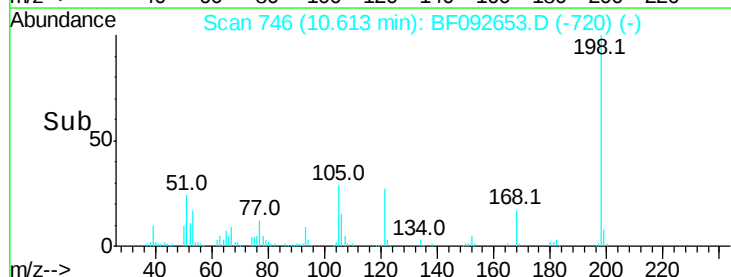
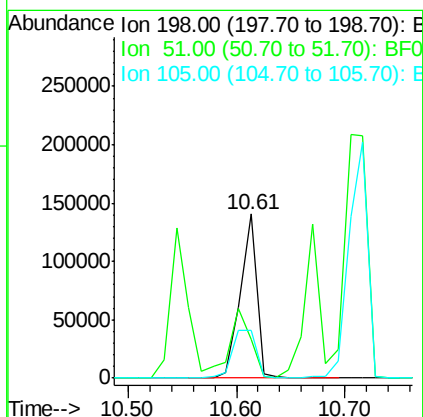
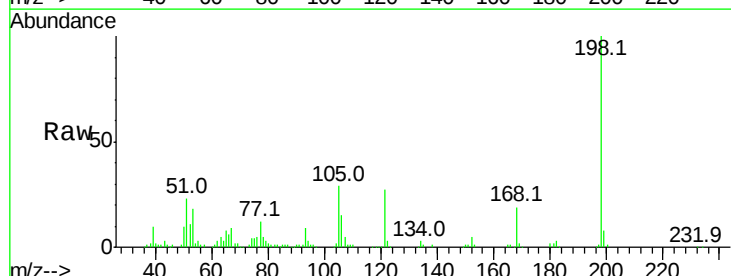
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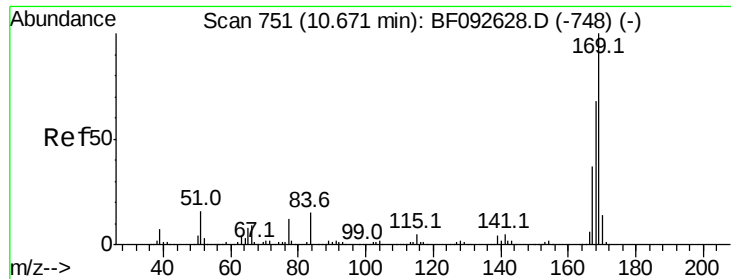
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.55 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	146035		
51	23.5		6.7	46.7
105	28.9		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 40.87 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

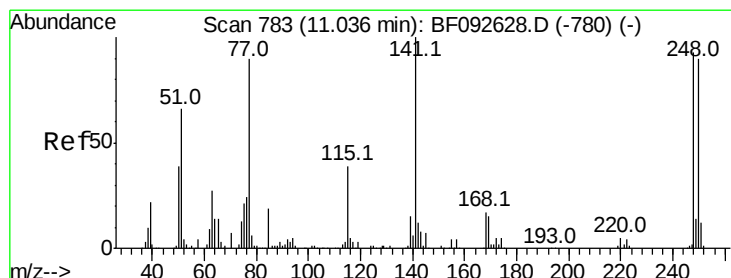
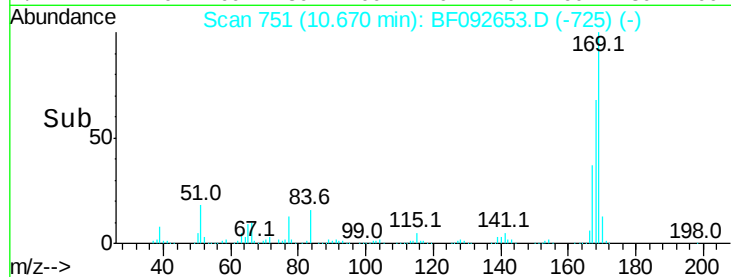
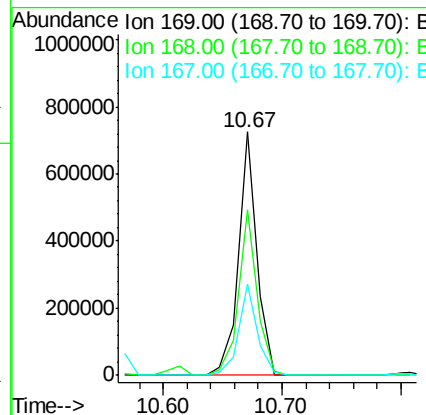
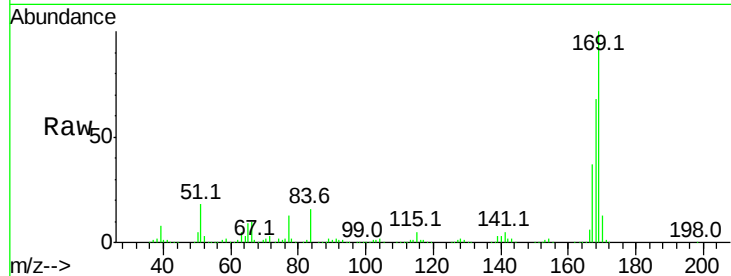
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:	169	Resp:	781056
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.2
167	37.4	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 42.55 ng

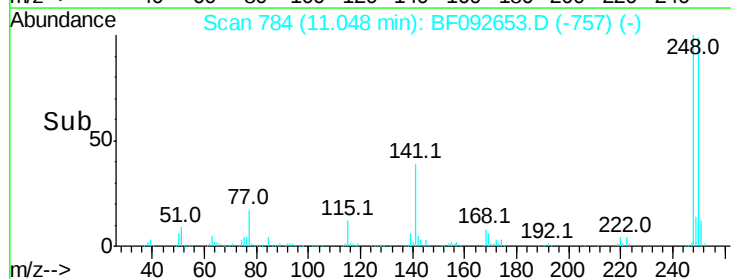
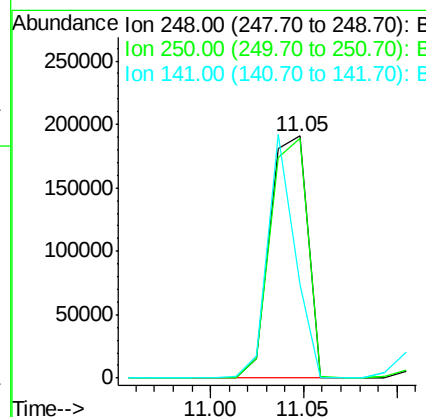
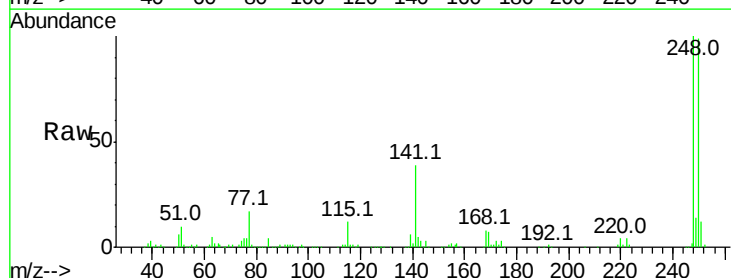
RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:	248	Resp:	265891
Ion Ratio	Lower	Upper	
248	100		
250	99.4	76.9	115.3
141	38.6	68.2	102.4#





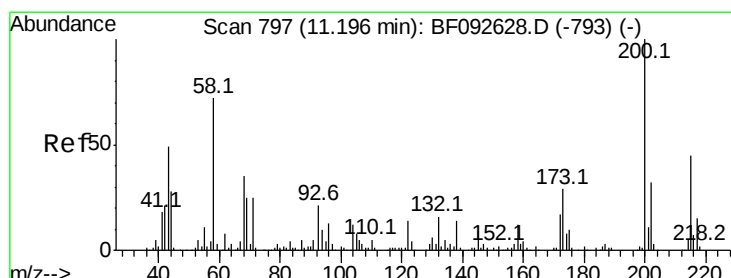
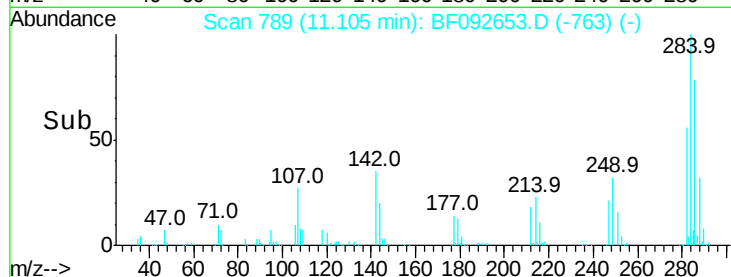
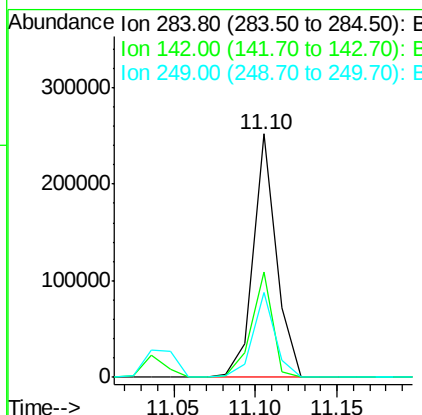
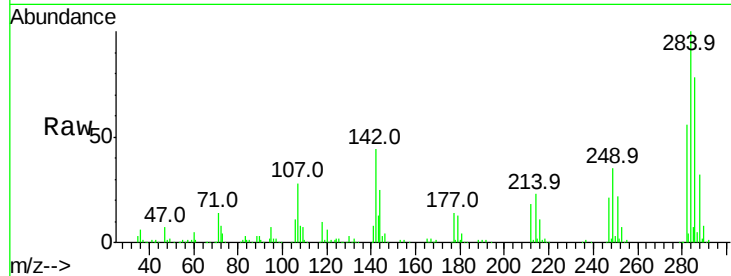
#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	248189		
142	43.5	22.6	33.8#	
249	34.9	25.4	38.0	

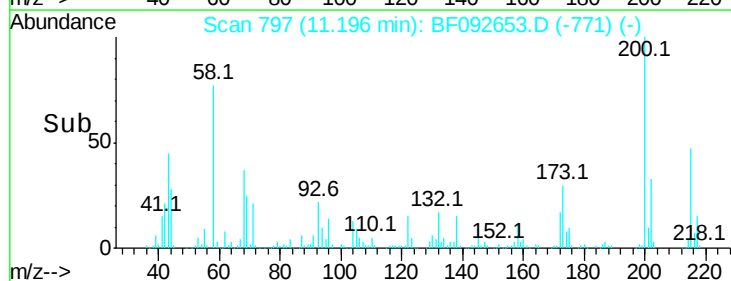
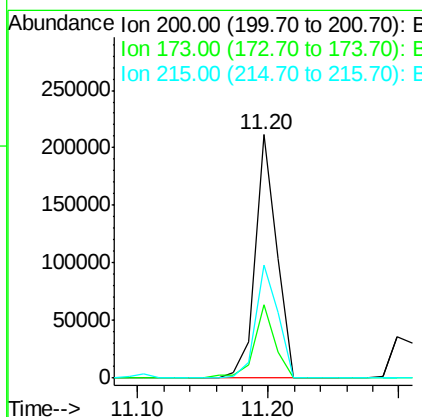
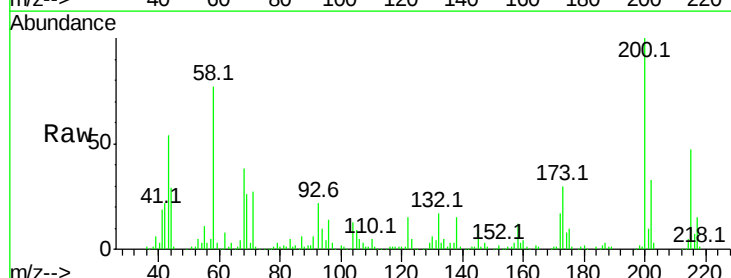
Manual Integrations
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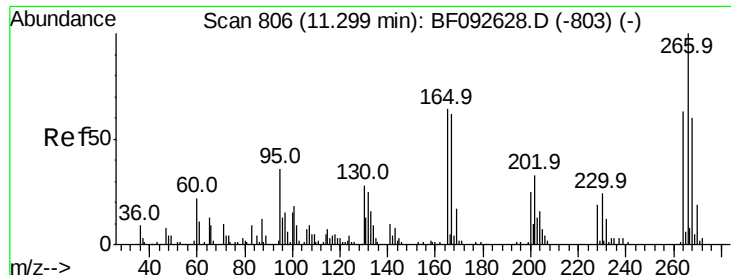
mohammad
1/31/2017 4:45:58 PM



#68
Atrazine
Concen: 39.45 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241883		
173	29.9	9.6	49.6	
215	46.5	25.7	65.7	





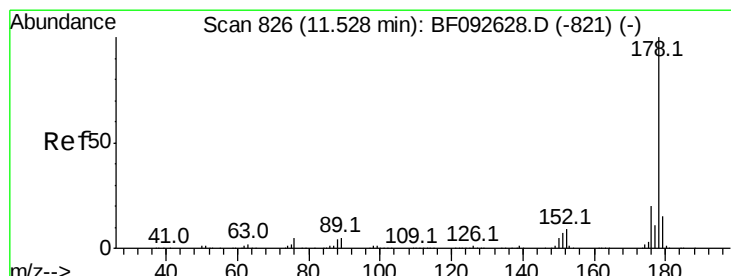
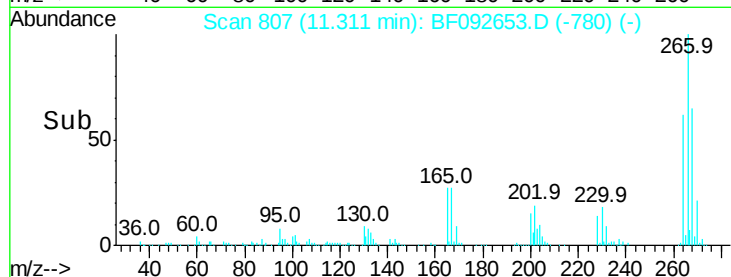
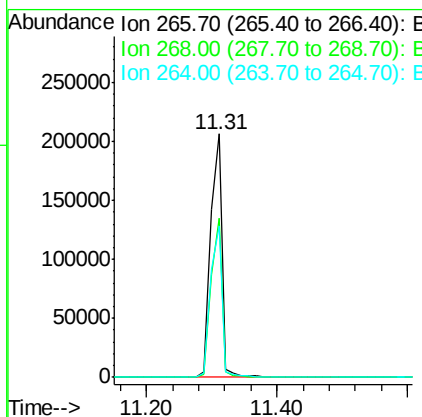
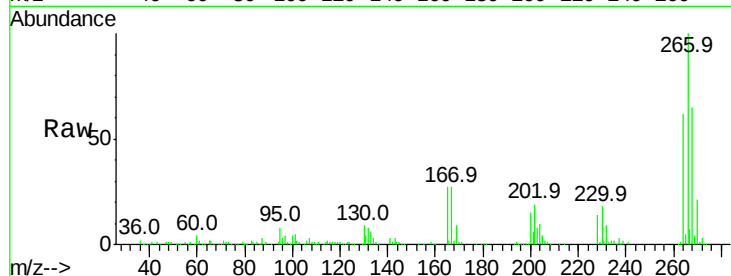
#69
 Pentachlorophenol
 Concen: 80.41 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	256495		
268	65.2	53.3	79.9	
264	62.1	50.3	75.5	

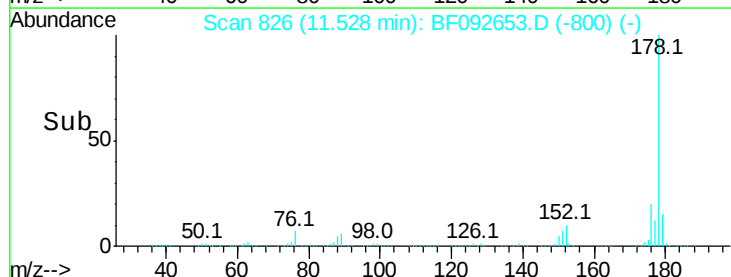
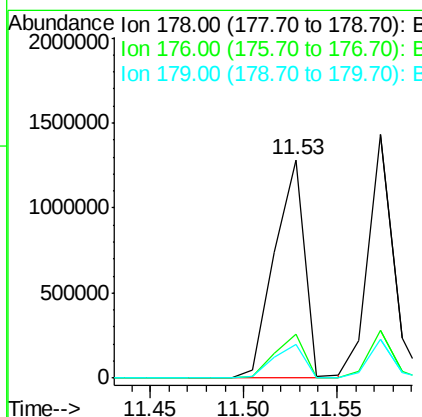
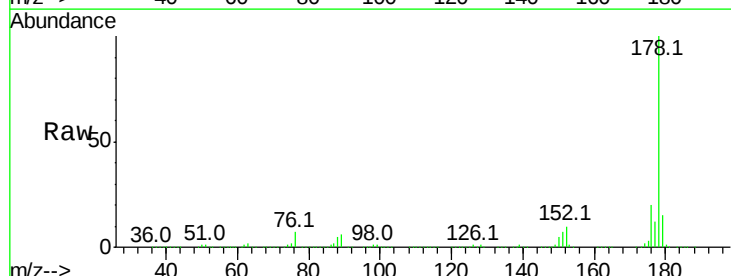
Manual Integrations
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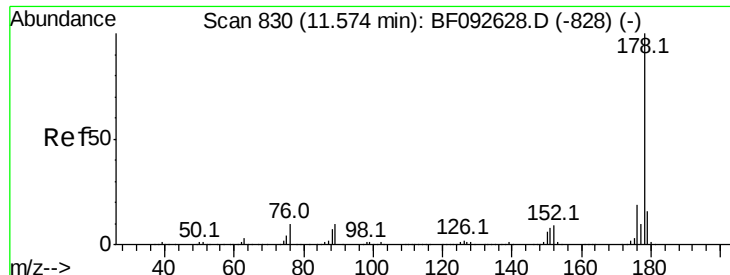
mohammad
 1/31/2017 4:45:58 PM



#70
 Phenanthrene
 Concen: 42.11 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1443060		
176	20.0	16.6	25.0	
179	15.3	12.8	19.2	





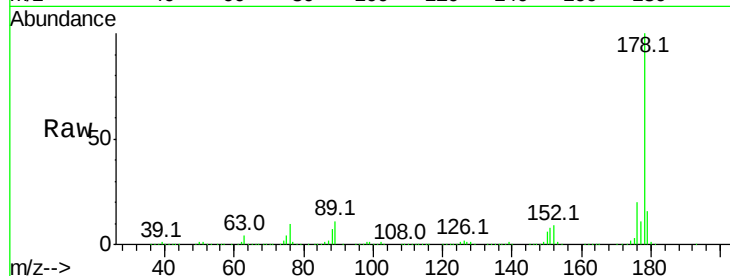
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

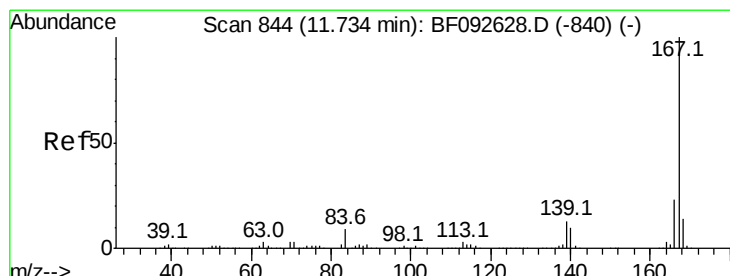
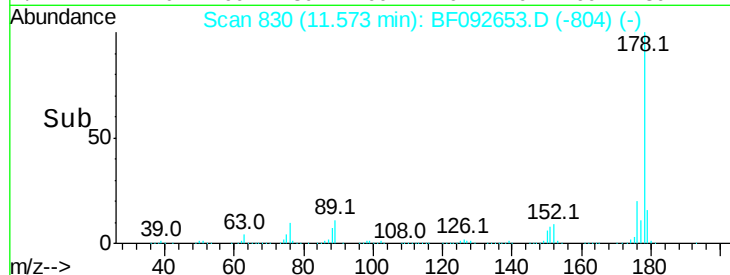
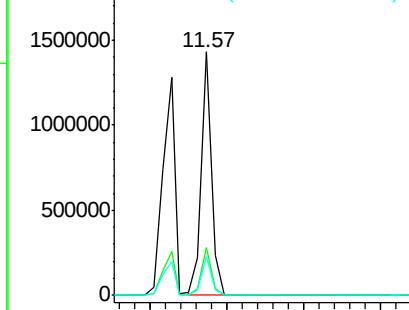
Tot Ion:178 Resp: 1303180
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8

Manual Integrations
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 1/31/2017 4:45:58 PM



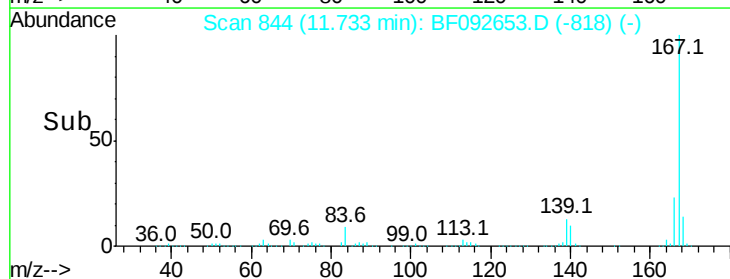
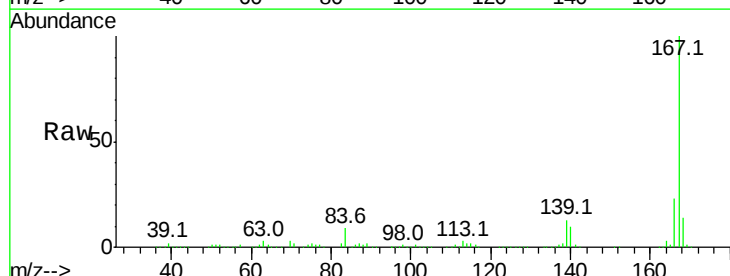
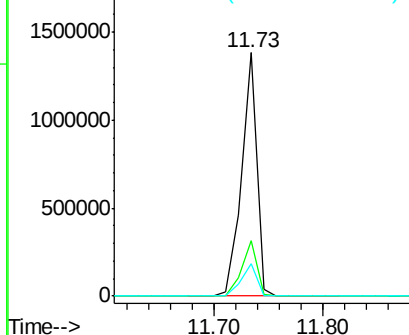
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

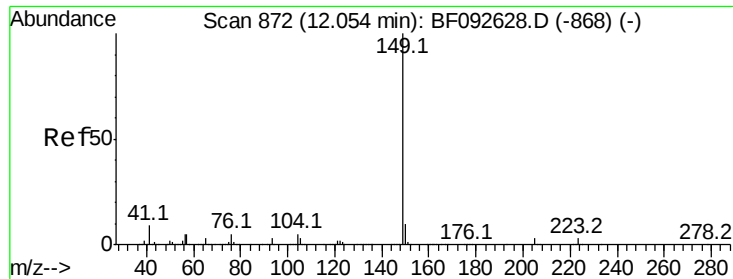


#72
 Carbazole
 Concen: 40.00 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:167 Resp: 1315927
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.1 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:149 Resp: 1430603

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

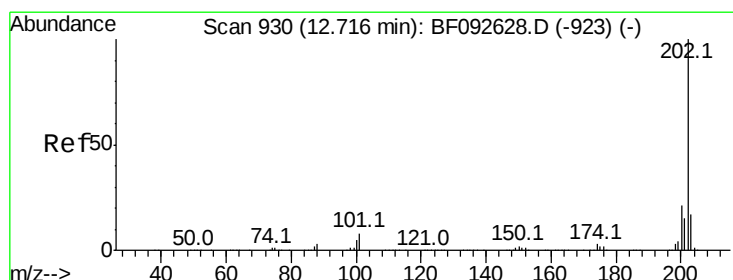
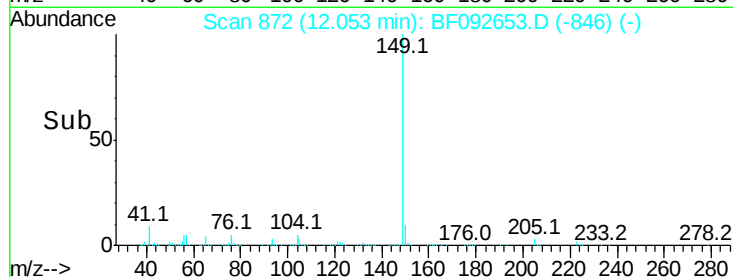
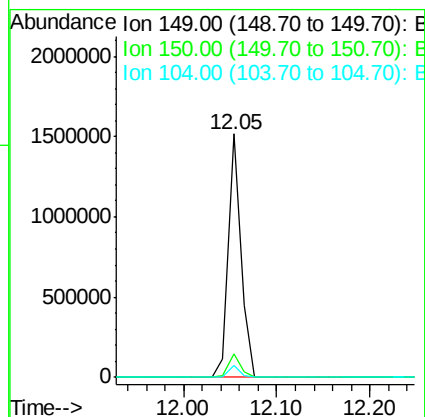
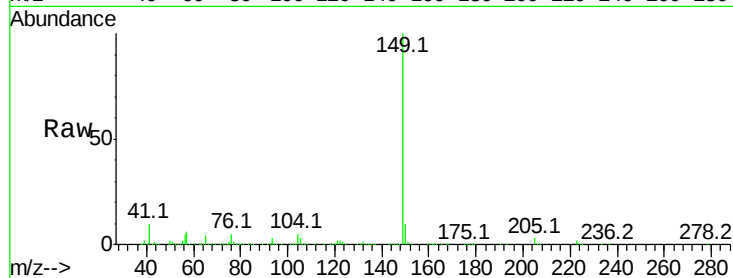
104 4.7 4.6 7.0

Manual Integrations

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#74

Fluoranthene

Concen: 39.12 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

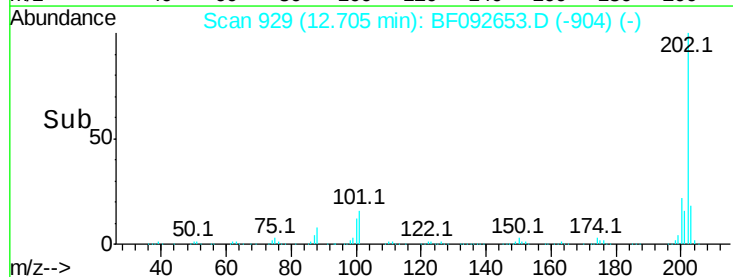
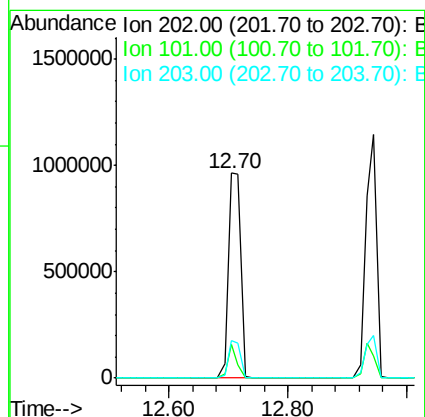
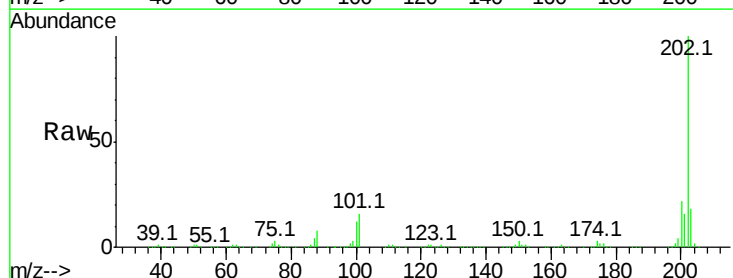
Tgt Ion:202 Resp: 1382972

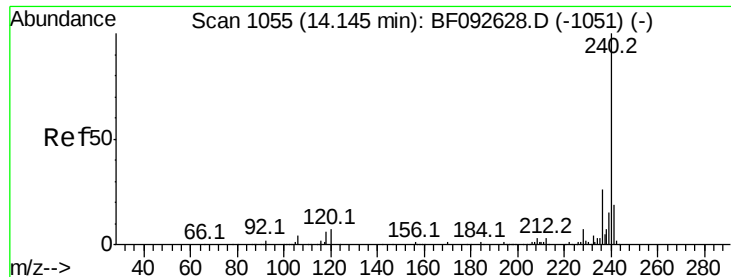
Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

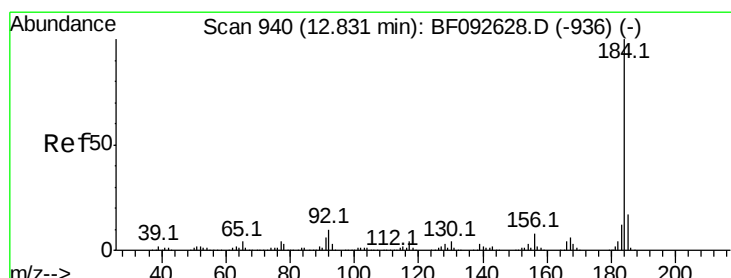
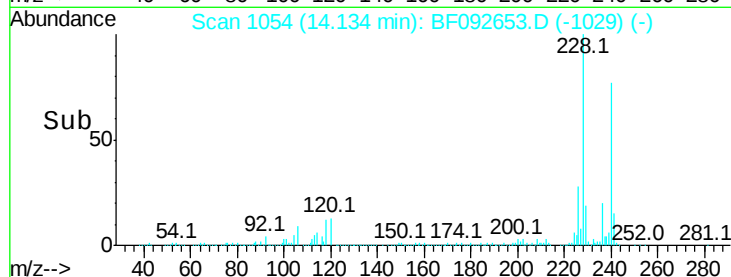
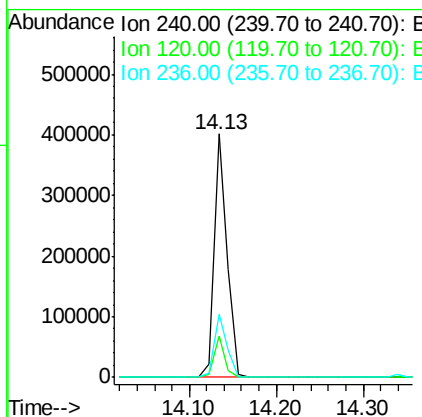
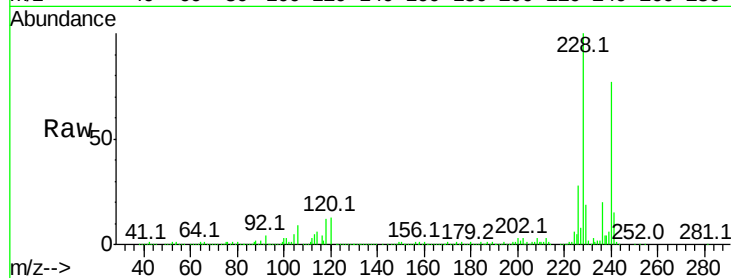
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:	240	Resp:	419502
Ion Ratio	Lower	Upper	
240	100		
120	17.2	12.9	19.3
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 11.93 ng

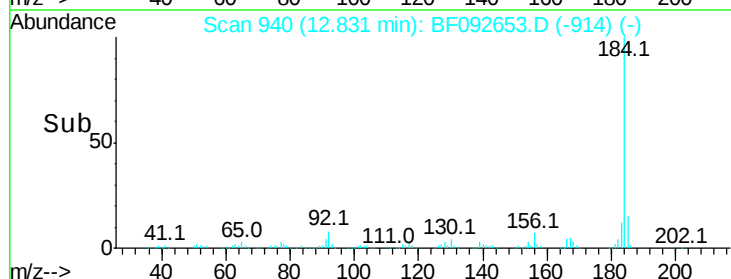
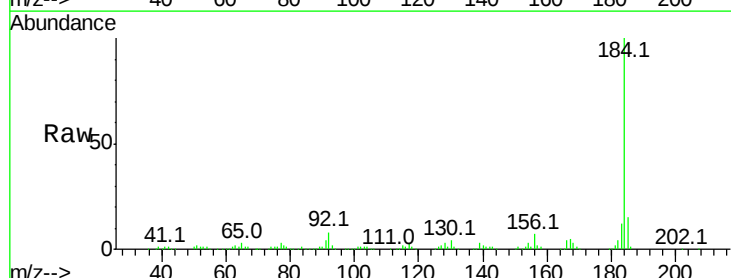
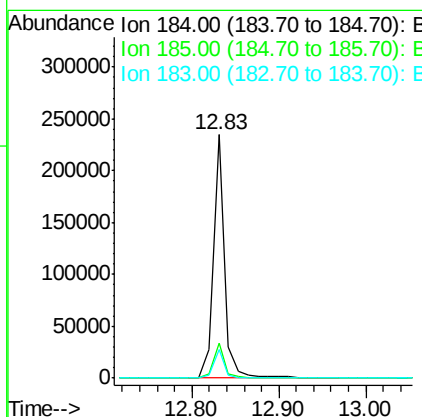
RT: 12.83 min Scan# 940

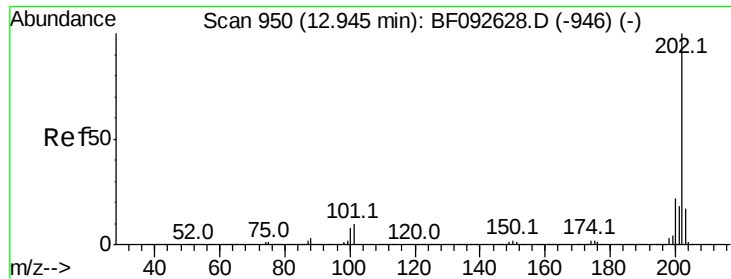
Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:	184	Resp:	213306
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.0
183	11.8	9.2	13.8





#77

Pvrene

Concen: 45.51 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:202 Resp: 1428641

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

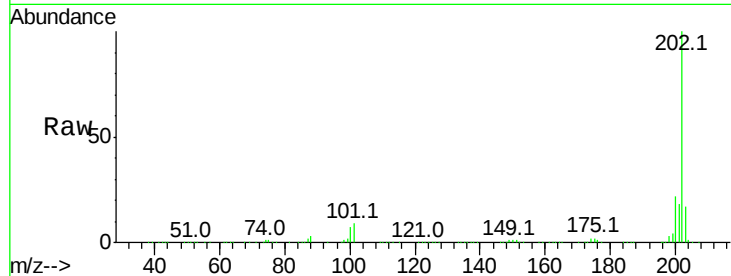
203 17.3 14.7 22.1

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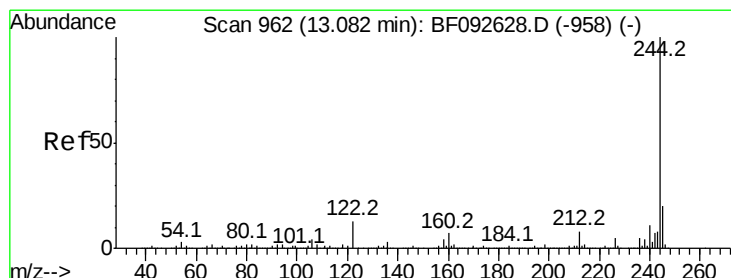
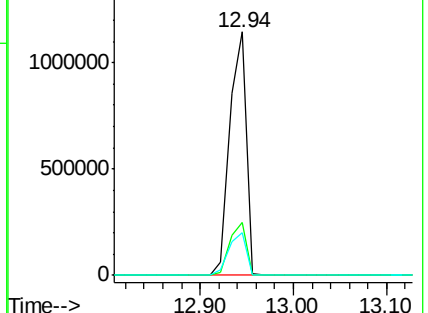
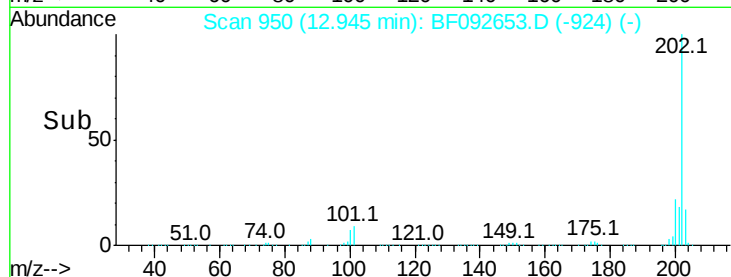
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.20 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

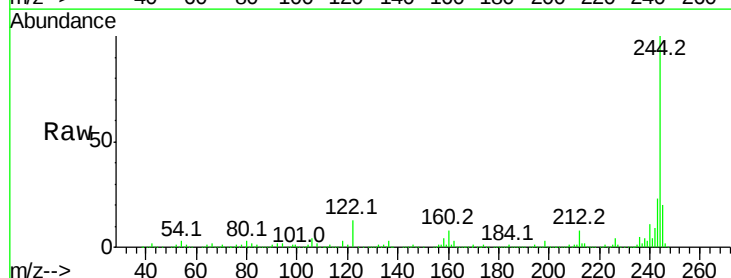
Tgt Ion:244 Resp: 1378336

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

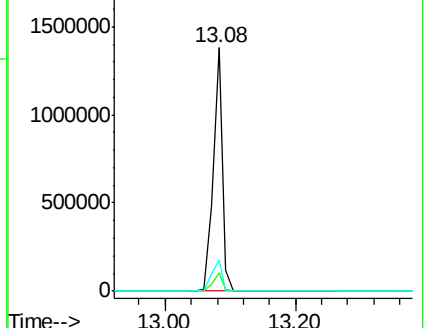
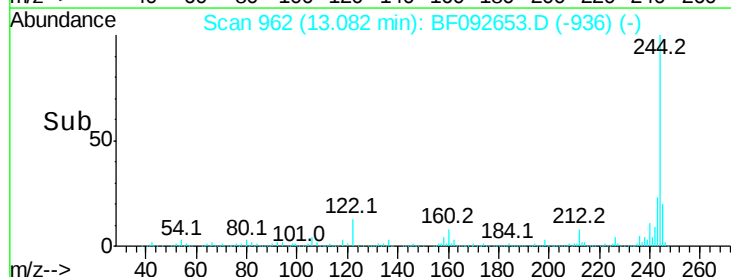
122 12.7 11.4 17.2

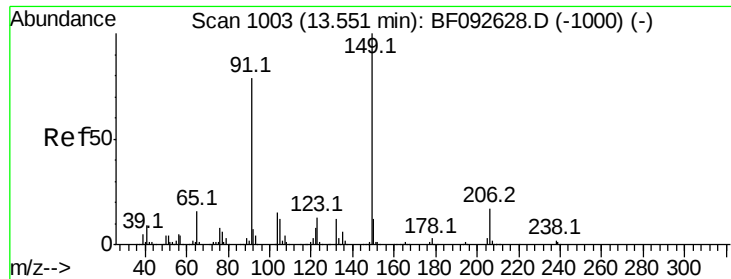


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





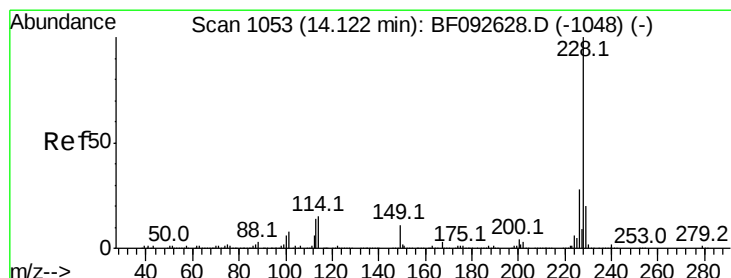
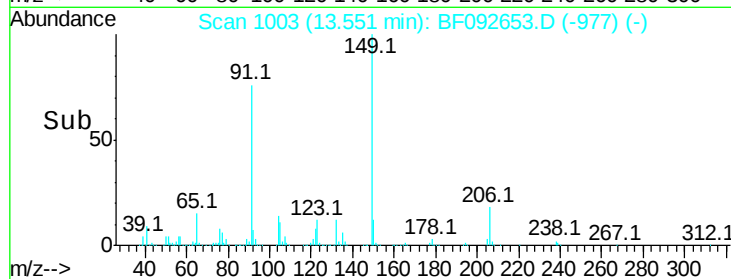
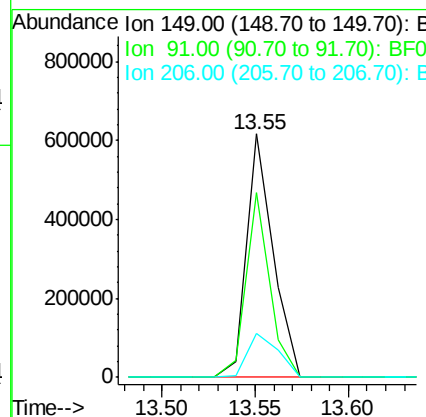
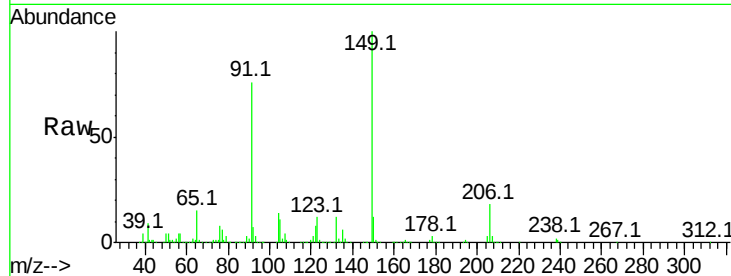
#79
Butylbenzylphthalate
Concen: 47.72 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	63.9	95.9
206	17.8	14.6	21.8

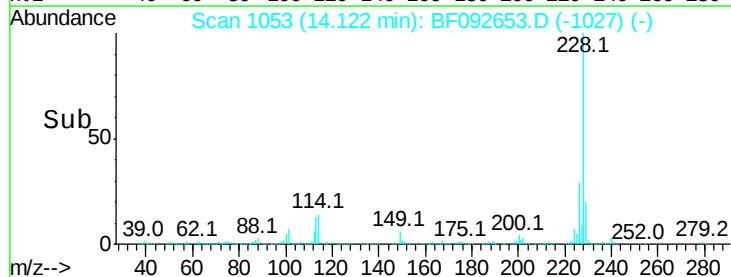
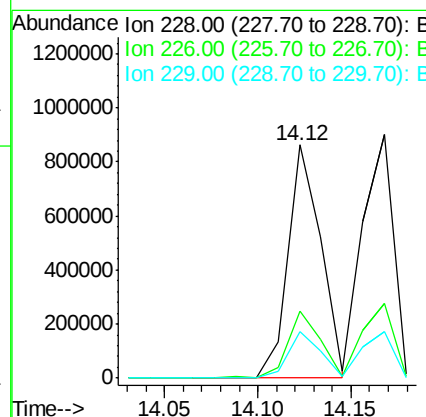
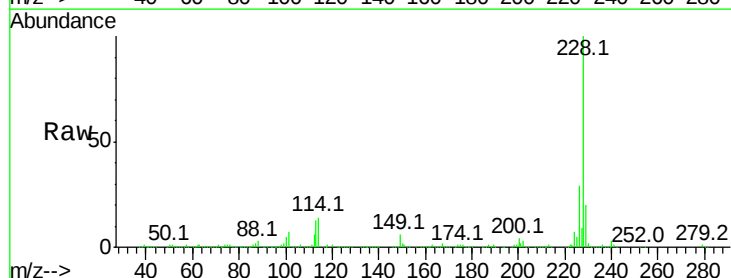
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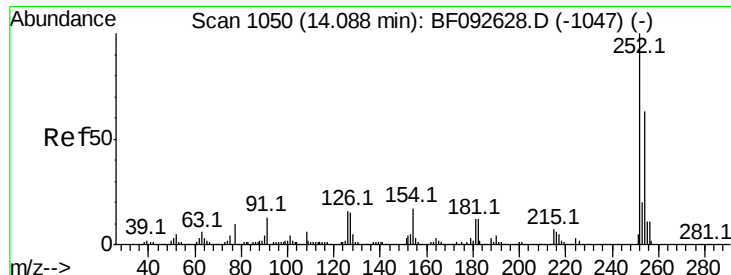
mohammad
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#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.0	16.2	24.4





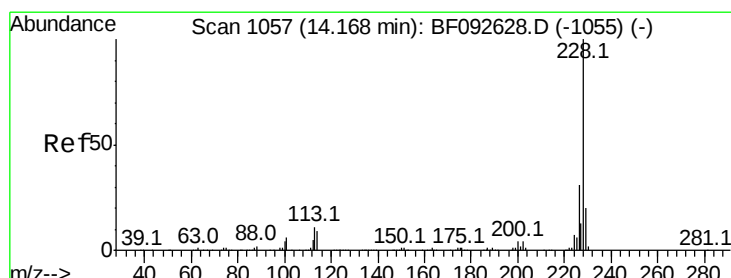
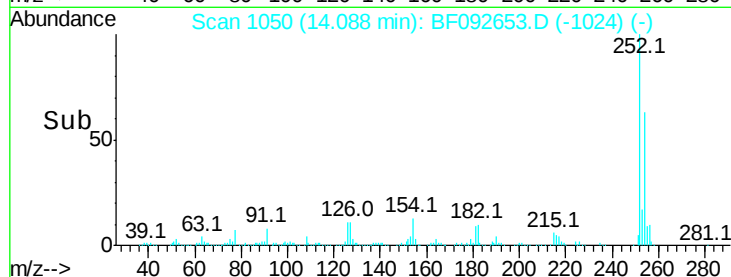
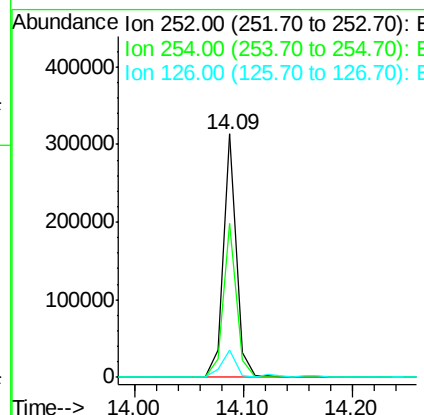
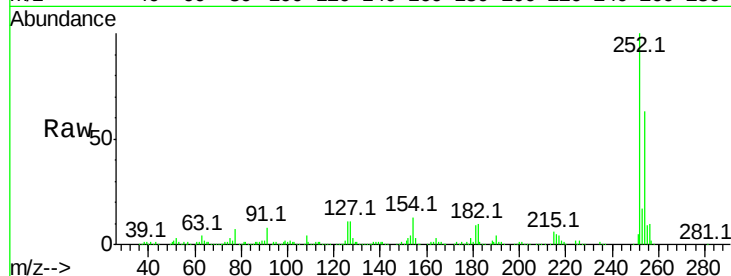
#81
 3,3'-Dichlorobenzidine
 Concen: 29.01 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	265361		
254	63.5	52.3	78.5	
126	11.1	13.6	20.4	

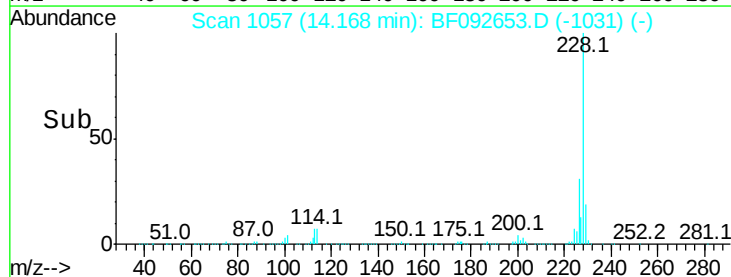
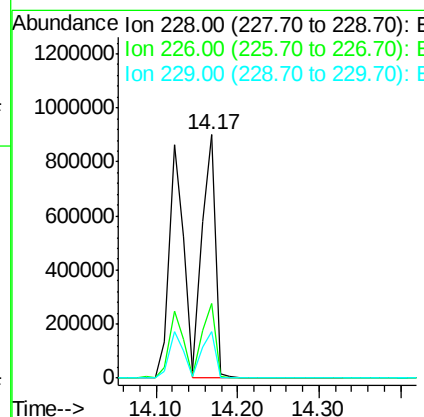
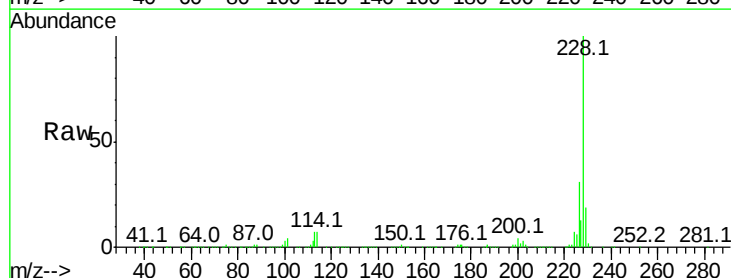
Manual Integrations
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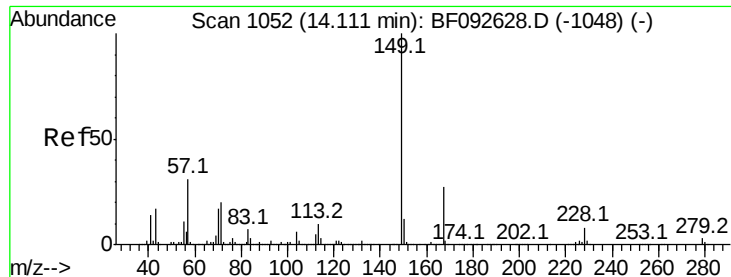
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#82
 Chrysene
 Concen: 43.22 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1038157		
226	30.8	25.4	38.0	
229	19.4	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.74 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:149 Resp: 867128

Ion Ratio Lower Upper

149 100

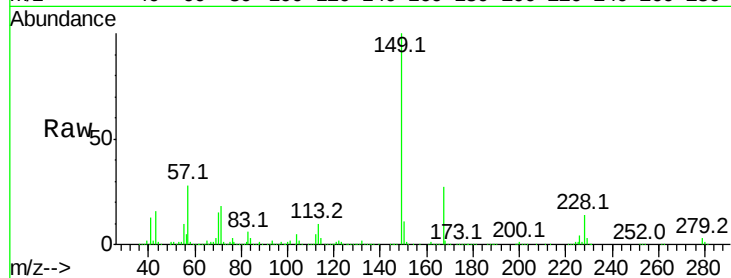
167 27.1 20.2 30.4

279 3.2 1.8 2.8#

Manual Integrations
APPROVED

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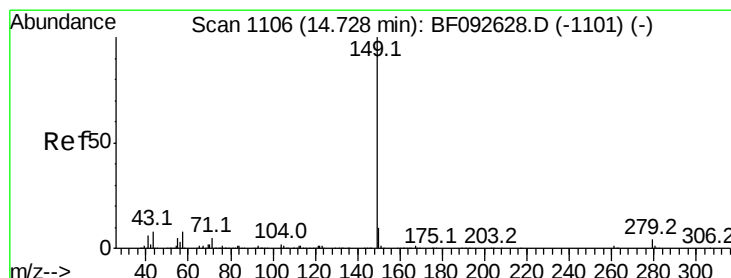
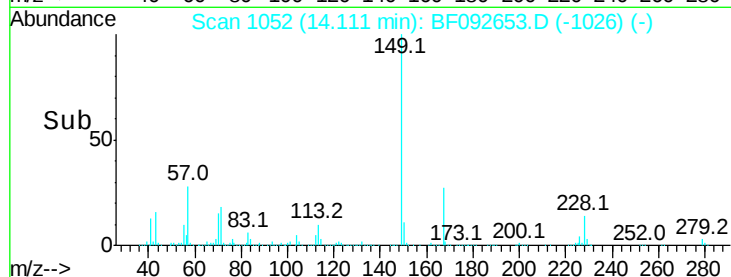
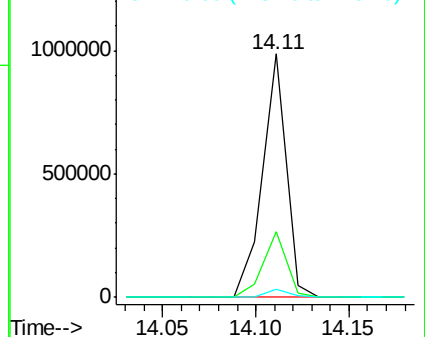
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.95 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

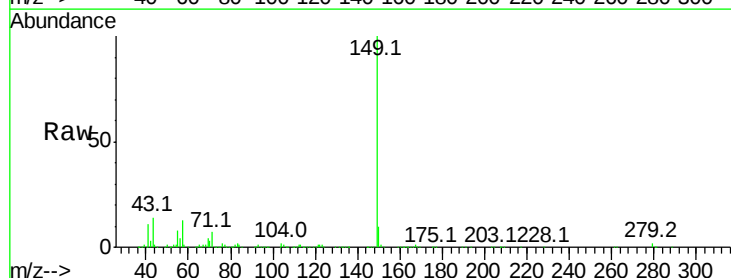
Tgt Ion:149 Resp: 1361426

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

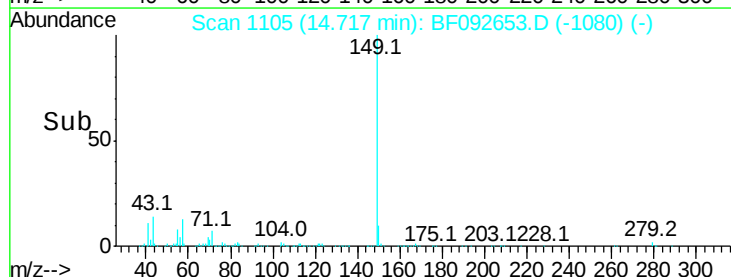
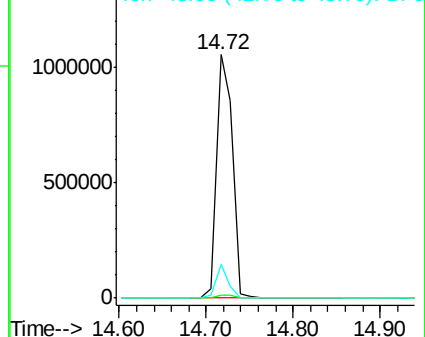
43 10.8 8.9 13.3

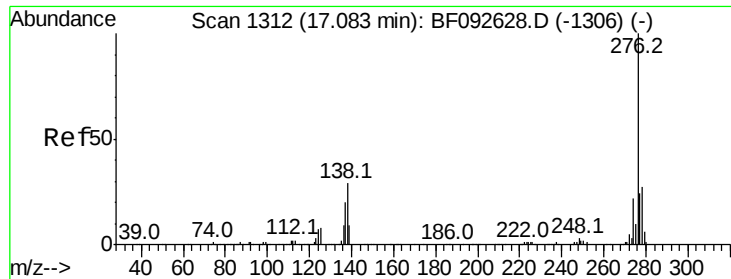


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





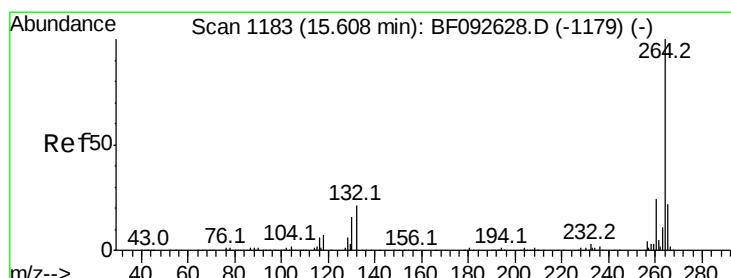
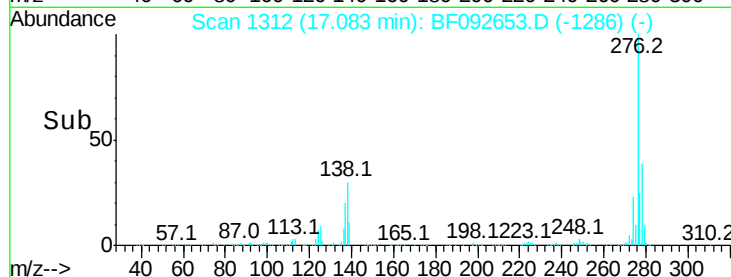
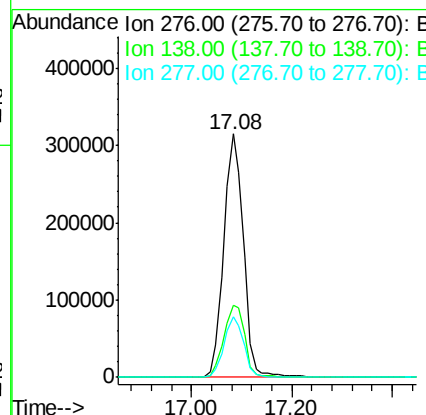
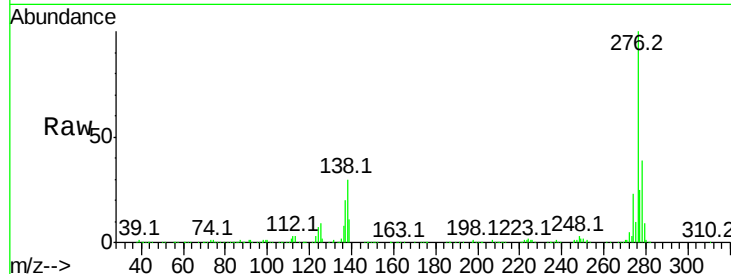
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.03 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	25.1	20.2	30.4

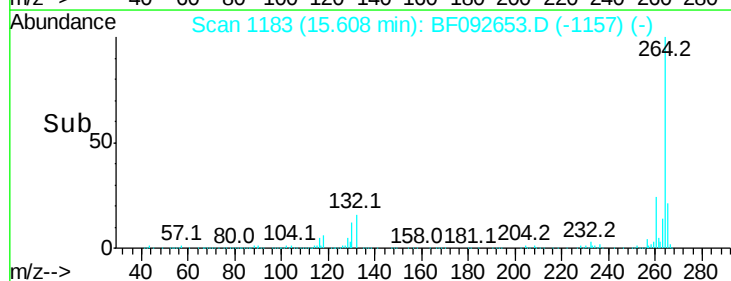
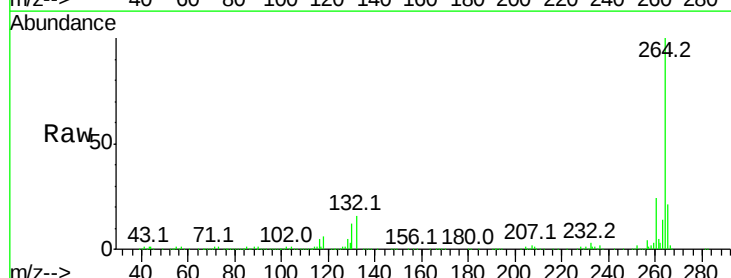
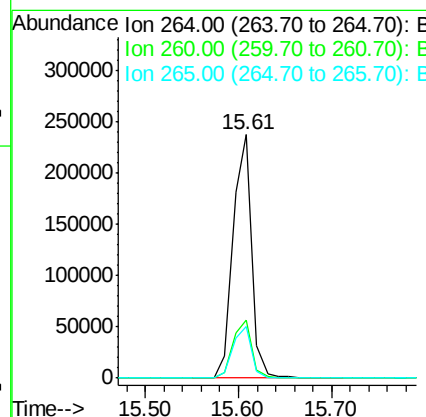
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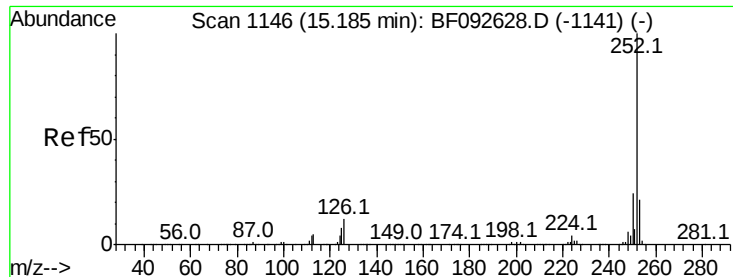
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.90 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

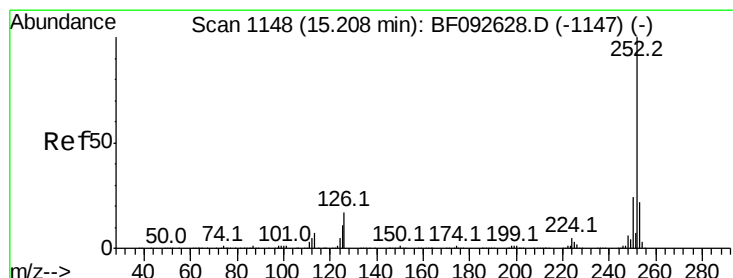
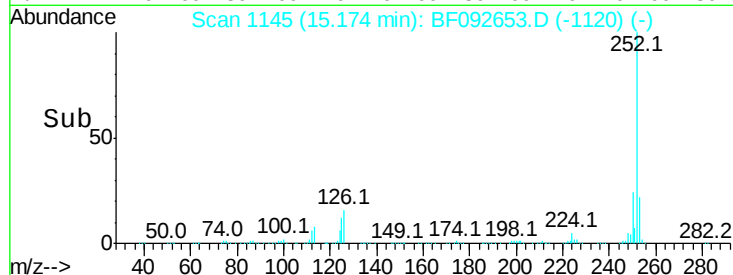
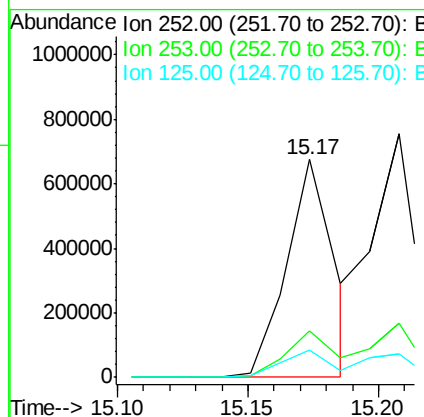
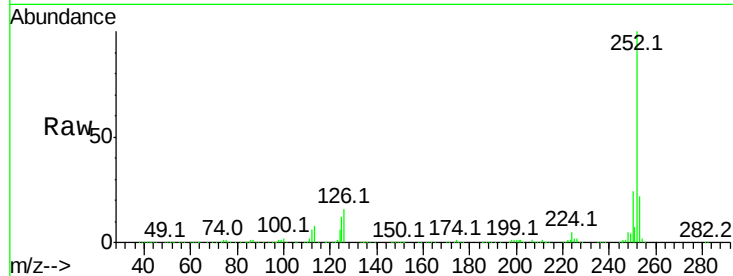
ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion:252	Resp:	847407
Ion Ratio	Lower	Upper
252	100	
253	21.6	18.2 27.4
125	12.4	9.8 14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.83 ng m

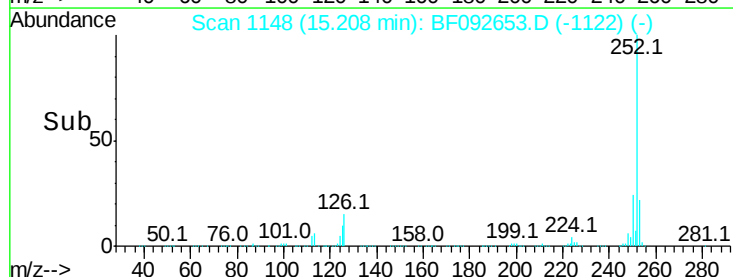
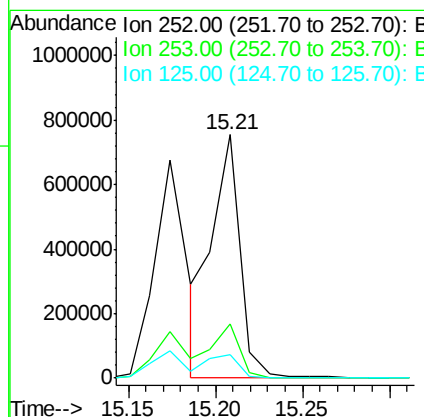
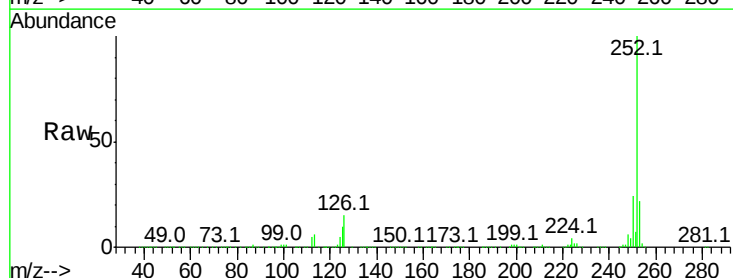
RT: 15.21 min Scan# 1148

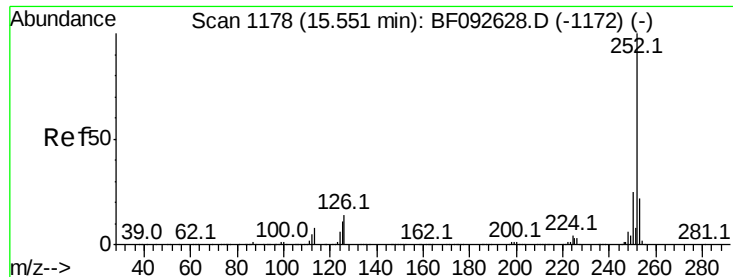
Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:252	Resp:	862051
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.5 27.7
125	9.7	8.9 13.3





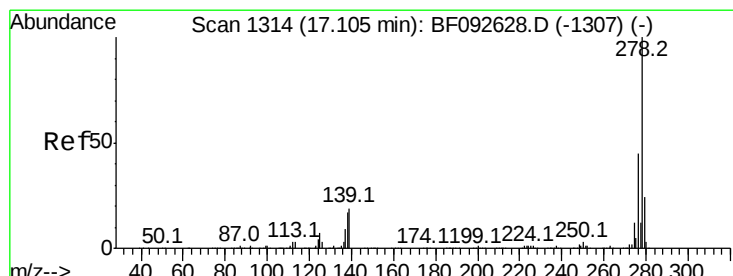
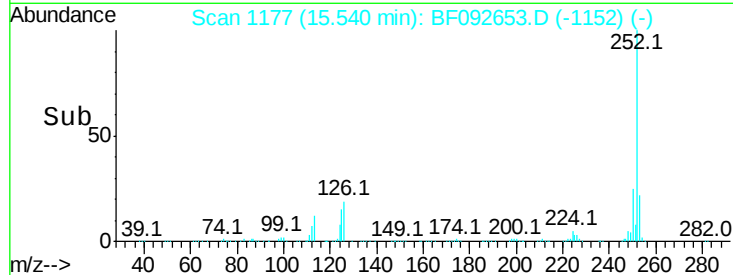
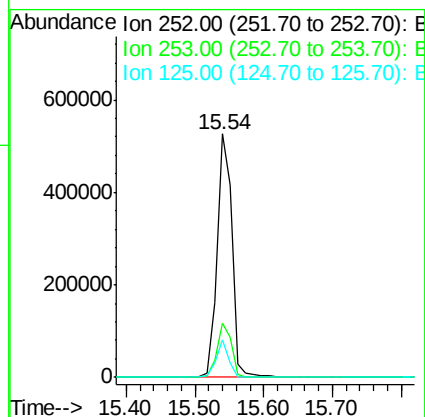
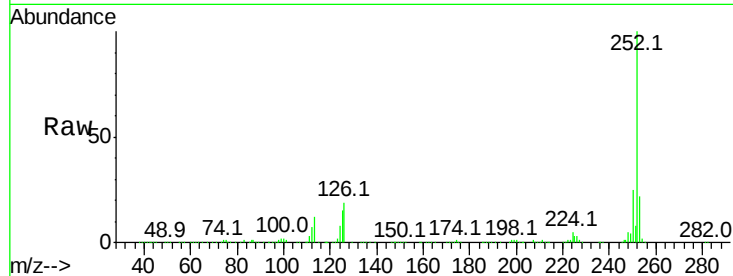
#89
Benzo(a)pyrene
Concen: 42.55 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.3	10.0	15.0

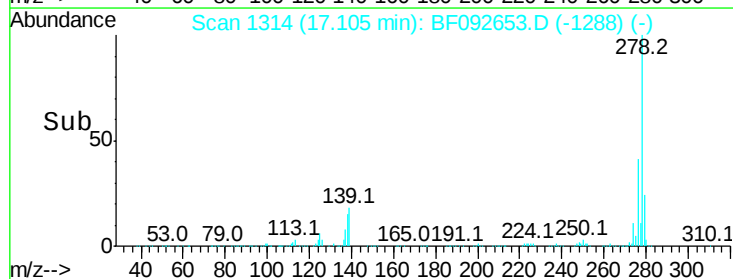
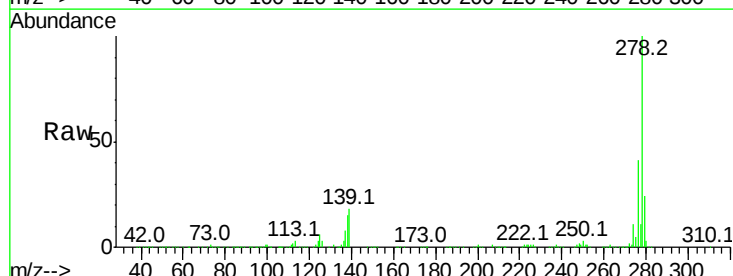
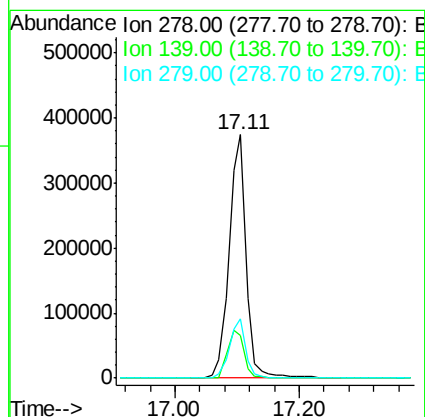
Manual Integrations
APPROVED

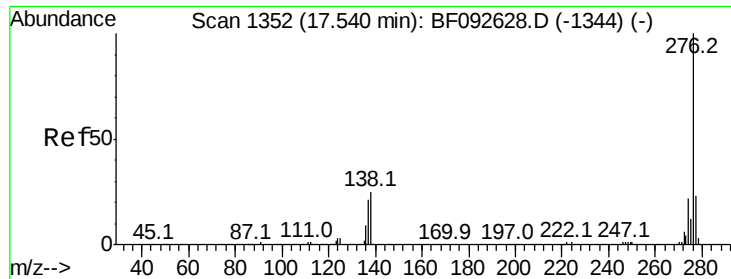
mohammad
1/31/2017 4:45:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.57 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.03 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.2	28.8
138	28.8	16.0	24.0

Manual Integrations
 APPROVED

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