

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092643.D
 Acq On : 30 Jan 2017 19:43
 Operator : SJ/MA
 Sample : PB96532BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:45:34 PM

Quant Time: Jan 31 01:19:53 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	163666	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	659655	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	378369	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	630052	20.00	ng	0.00
75) Chrysene-d12	14.13	240	465845	20.00	ng	-0.01
86) Perylene-d12	15.61	264	359920	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1182449	123.95	ng	0.01
7) Phenol-d6	6.60	99	1545402	125.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	918029	77.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	369164	134.90	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1848070	88.49	ng	0.00
78) Terphenyl-d14	13.08	244	1484088	74.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	209335	40.61	ng	# 83
3) Pyridine	3.46	79	523818	39.96	ng	89
4) n-Nitrosodimethylamine	3.41	42	297934	48.41	ng	87
6) Aniline	6.62	93	365779	21.85	ng	# 82
8) 2-Chlorophenol	6.75	128	442968	42.09	ng	99
9) Benzaldehyde	6.50	77	162207	18.45	ng	87
10) Phenol	6.62	94	514346	35.82	ng	90
11) bis(2-Chloroethyl)ether	6.69	93	432447	37.73	ng	91
12) 1,3-Dichlorobenzene	6.90	146	485726m	39.40	ng	
13) 1,4-Dichlorobenzene	6.98	146	512766	41.10	ng	96
14) 1,2-Dichlorobenzene	7.13	146	456690	38.28	ng	97
15) Benzyl Alcohol	7.10	79	371897	40.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	757331	38.03	ng	93
17) 2-Methylphenol	7.23	107	396789	43.95	ng	98
18) Hexachloroethane	7.47	117	174361	40.94	ng	88
19) n-Nitroso-di-n-propylamine	7.38	70	321235	41.11	ng	96
20) 3+4-Methylphenols	7.38	107	459914	42.60	ng	93
22) Acetophenone	7.37	105	635598	42.20	ng	# 95
24) Nitrobenzene	7.55	77	525090	43.17	ng	92
25) Isophorone	7.79	82	924879	41.90	ng	99
26) 2-Nitrophenol	7.87	139	262578	45.41	ng	# 82
27) 2,4-Dimethylphenol	7.90	122	440453	43.38	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	567401	38.81	ng	99
29) 2,4-Dichlorophenol	8.11	162	394163	41.62	ng	91
30) 1,2,4-Trichlorobenzene	8.19	180	407261	39.91	ng	96
31) Naphthalene	8.27	128	1258495	37.63	ng	99
32) Benzoic acid	8.03	122	324726	55.18	ng	96
33) 4-Chloroaniline	8.33	127	224151	17.09	ng	96
34) Hexachlorobutadiene	8.38	225	215684	38.41	ng	99
35) Caprolactam	8.69	113	138709m	46.56	ng	
36) 4-Chloro-3-methylphenol	8.82	107	469054	47.51	ng	96
37) 2-Methylnaphthalene	8.97	142	939265	43.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	396750	37.36	ng	99
40) Hexachlorocyclopentadiene	9.12	237	381497	79.61	ng	97

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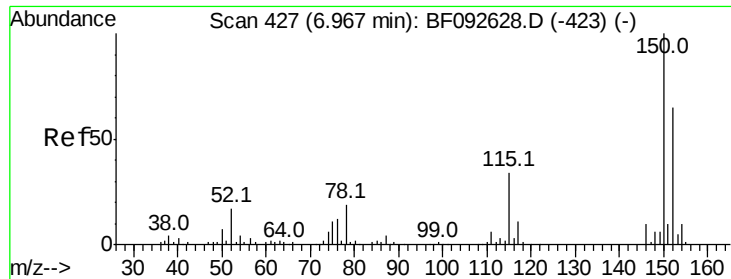
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	316313	45.32	nq	94
43) 2,4,5-Trichlorophenol	9.29	196	301024	39.37	nq	95
45) 1,1'-Biphenyl	9.44	154	1127475	41.15	nq	98
46) 2-Chloronaphthalene	9.46	162	894189	41.72	nq	97
47) 2-Nitroaniline	9.55	65	274545	38.10	nq	97
48) Acenaphthylene	9.87	152	1336621	36.10	nq	99
49) Dimethylphthalate	9.73	163	1042067	40.89	nq	100
50) 2,6-Dinitrotoluene	9.79	165	232473	42.24	nq	# 70
51) Acenaphthene	10.04	154	903948	40.83	nq	96
52) 3-Nitroaniline	9.96	138	139088	22.08	nq	99
53) 2,4-Dinitrophenol	10.08	184	240405	85.52	nq	94
54) Dibenzofuran	10.21	168	1167312	39.43	nq	97
55) 4-Nitrophenol	10.14	139	404865	89.24	nq	90
56) 2,4-Dinitrotoluene	10.20	165	335339	45.76	nq	84
57) Fluorene	10.56	166	868936	38.15	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	246158	48.26	nq	96
59) Diethylphthalate	10.43	149	996992	41.51	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	408817	37.36	nq	97
61) 4-Nitroaniline	10.58	138	249545	38.68	nq	94
62) Azobenzene	10.70	77	1092306	44.02	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	151534	39.99	nq	82
65) n-Nitrosodiphenylamine	10.67	169	827075	41.09	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	252088	38.30	nq	95
67) Hexachlorobenzene	11.10	284	263783	40.55	nq	# 93
68) Atrazine	11.20	200	242953	37.61	nq	99
69) Pentachlorophenol	11.30	266	276602	82.16	nq	97
70) Phenanthrene	11.52	178	1358335	37.63	nq	99
71) Anthracene	11.57	178	1440725	39.74	nq	98
72) Carbazole	11.73	167	1381417	39.87	nq	98
73) Di-n-butylphthalate	12.05	149	1545384	41.24	nq	# 98
74) Fluoranthene	12.70	202	1344022	36.10	nq	98
76) Benzidine	12.83	184	270396	13.62	nq	96
77) Pyrene	12.93	202	1443836	41.42	nq	99
79) Butylbenzylphthalate	13.55	149	611934	43.22	nq	97
80) Benzo(a)anthracene	14.12	228	1098500	38.55	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	298893	29.43	nq	# 96
82) Chrysene	14.17	228	1124900	42.17	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	898126	46.39	nq	# 97
84) Di-n-octyl phthalate	14.73	149	1436106	45.55	nq	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	839358	40.62	nq	96
87) Benzo(b)fluoranthene	15.17	252	1112402m	46.96	nq	
88) Benzo(k)fluoranthene	15.21	252	659290m	32.23	nq	
89) Benzo(a)pyrene	15.55	252	854444	41.70	nq	# 96
90) Dibenzo(a,h)anthracene	17.11	278	703776	42.49	nq	98
91) Benzo(g,h,i)perylene	17.53	276	715274	42.75	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

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PB96532BS

Tot Ion:152 Resp: 163666

Ion Ratio Lower Upper

152 100

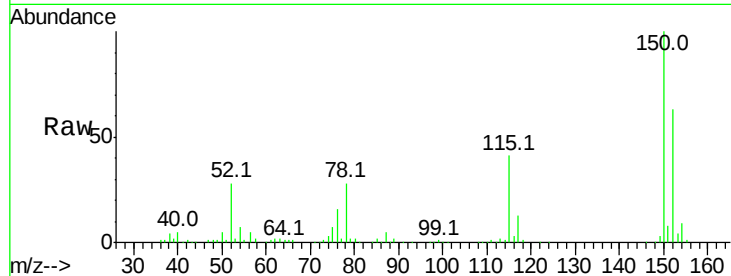
150 159.1 124.9 187.3

115 64.4 46.0 69.0

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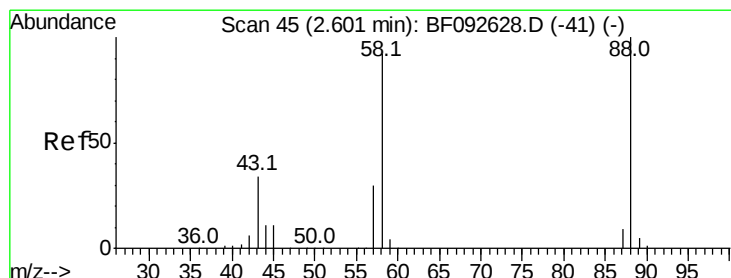
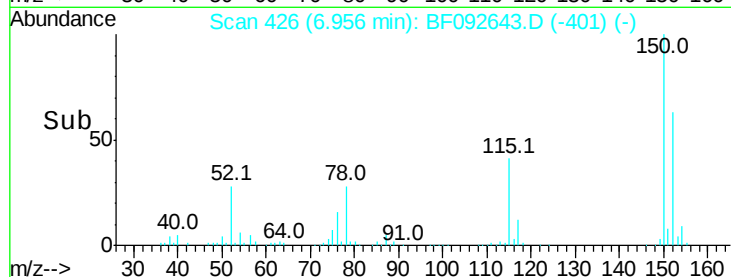
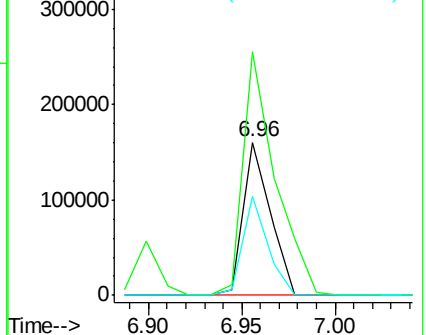
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.61 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.10 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

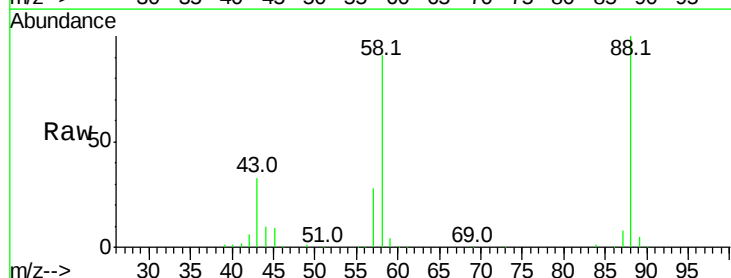
Tgt Ion: 88 Resp: 209335

Ion Ratio Lower Upper

88 100

58 89.1 57.8 86.8#

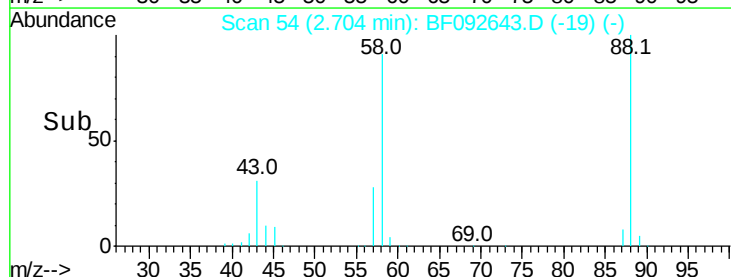
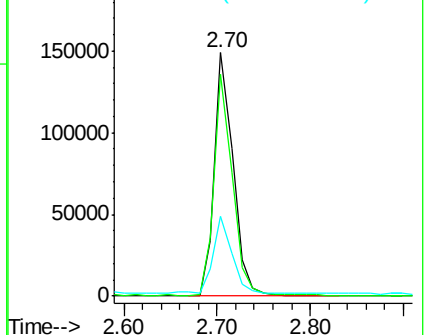
43 32.9 22.3 33.5

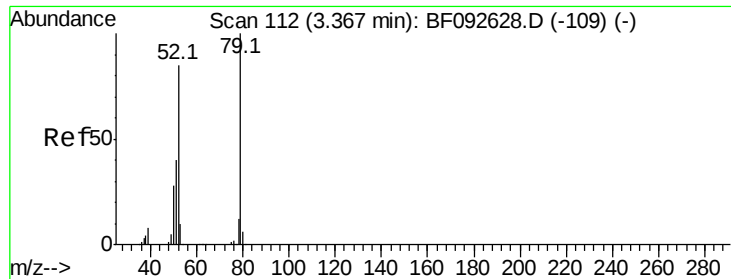


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.96 ng

RT: 3.46 min Scan# 120

Delta R.T. 0.09 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

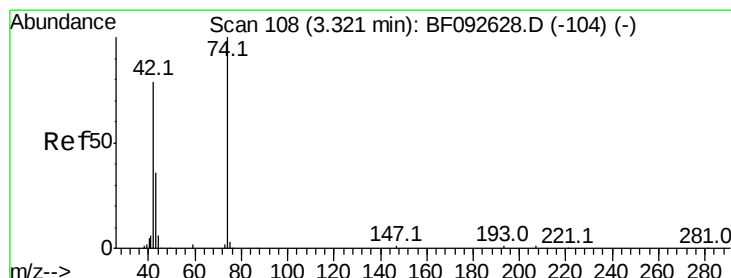
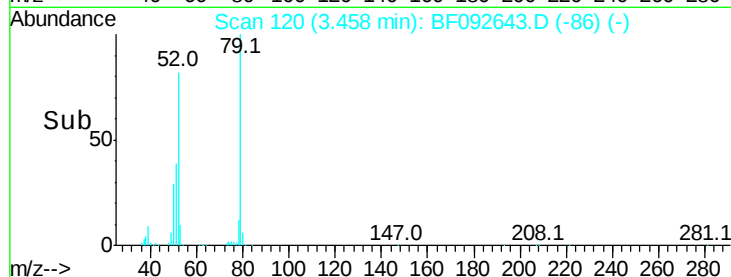
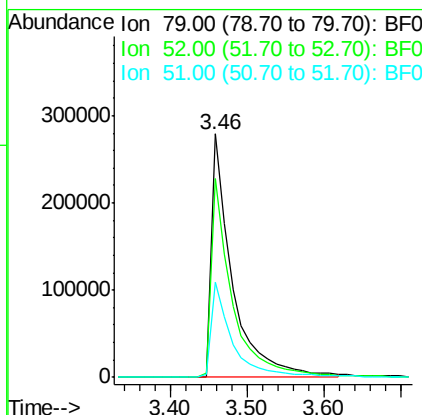
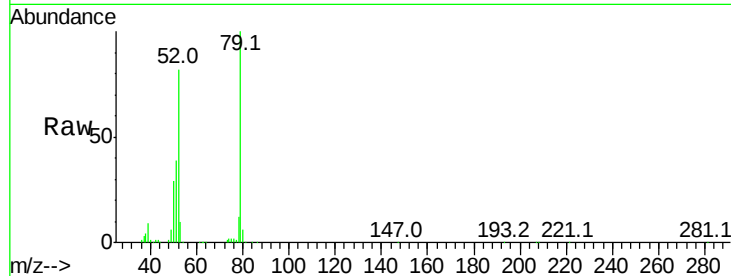
ClientSampleId :

PB96532BS

Tot Ion:	79	Resp:	523818
Ion Ratio	Lower	Upper	
79	100		
52	81.7	57.1	85.7
51	39.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 48.41 ng

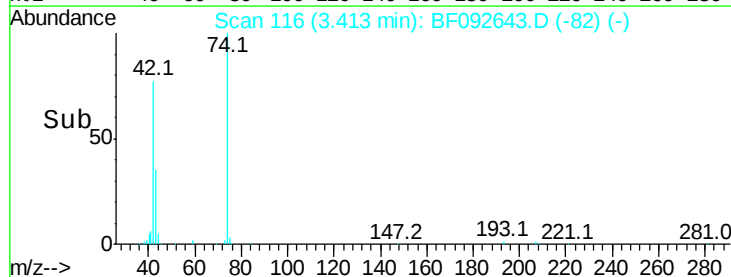
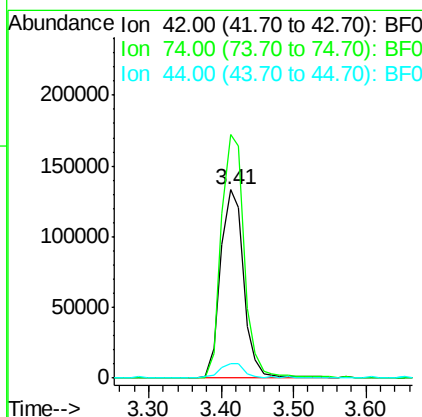
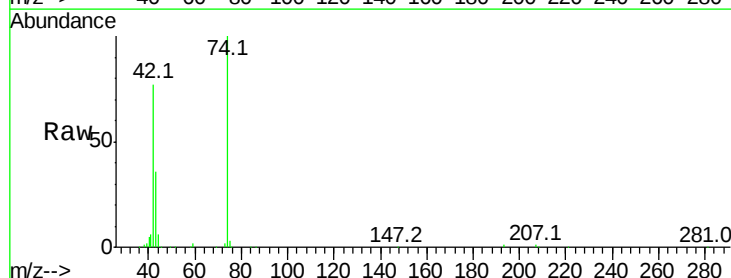
RT: 3.41 min Scan# 116

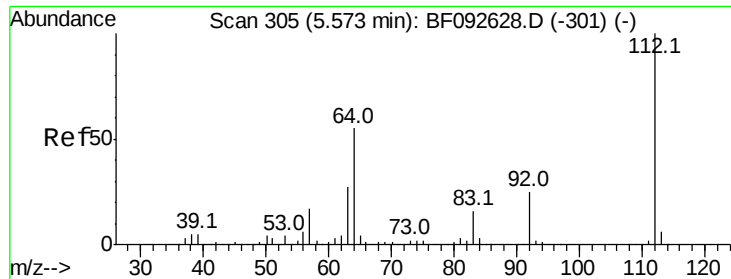
Delta R.T. 0.09 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	42	Resp:	297934
Ion Ratio	Lower	Upper	
42	100		
74	129.3	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 123.95 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tot Ion: 112 Resp: 1182449

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

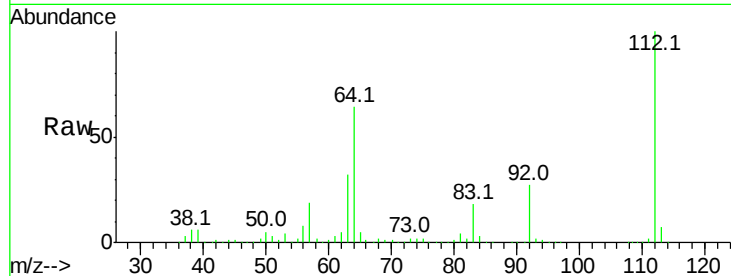
63 32.2 23.8 35.6

Manual Integrations

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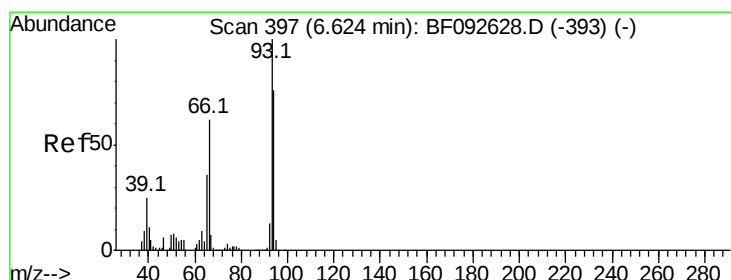
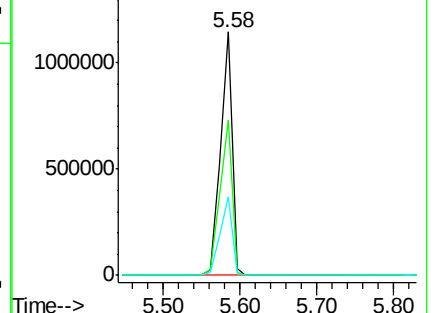
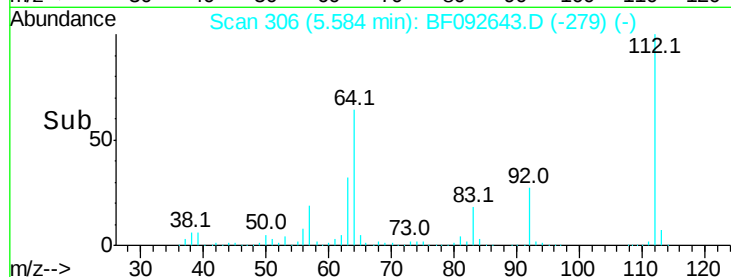
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.85 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

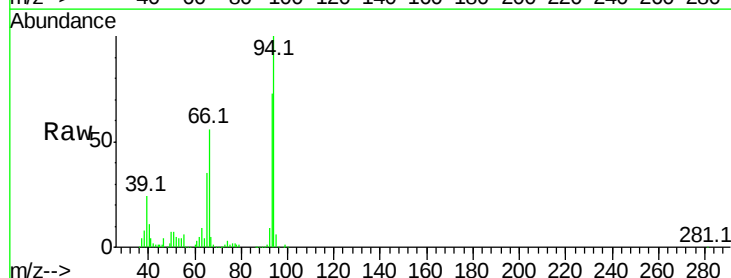
Tgt Ion: 93 Resp: 365779

Ion Ratio Lower Upper

93 100

66 77.0 76.2 114.2

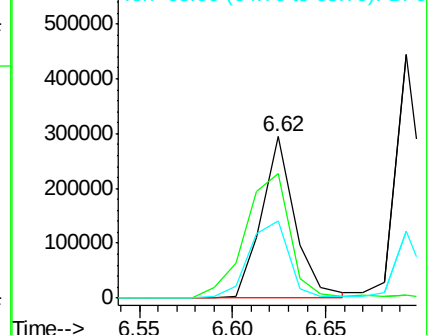
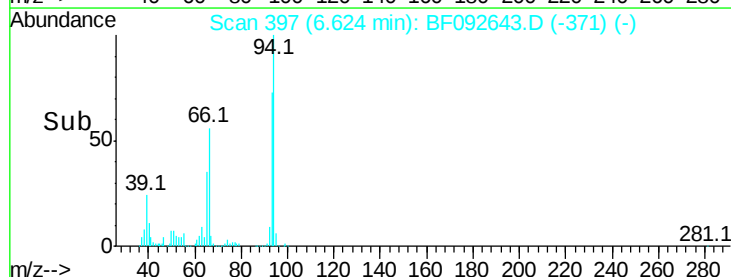
65 48.0 49.3 73.9#

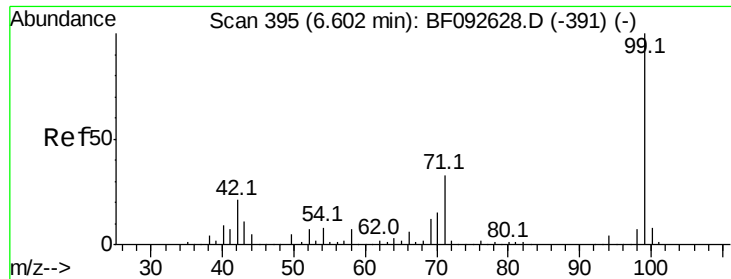


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.90 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tot Ion: 99 Resp: 1545402

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

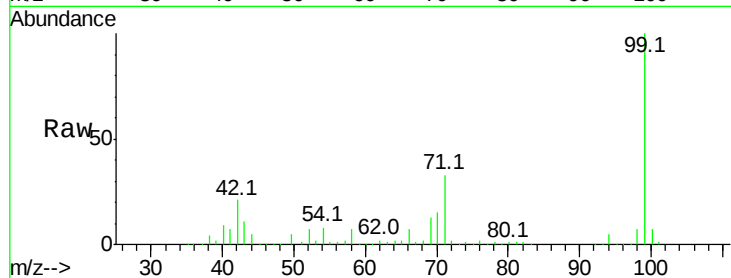
71 33.1 27.5 41.3

Manual Integrations

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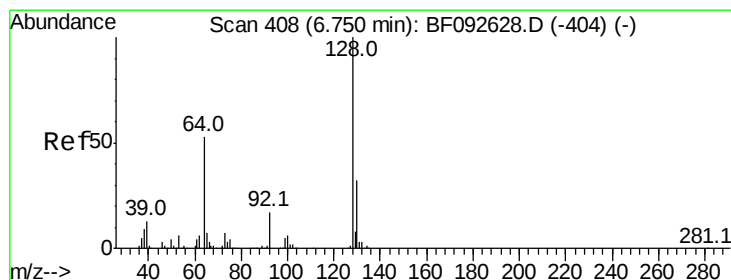
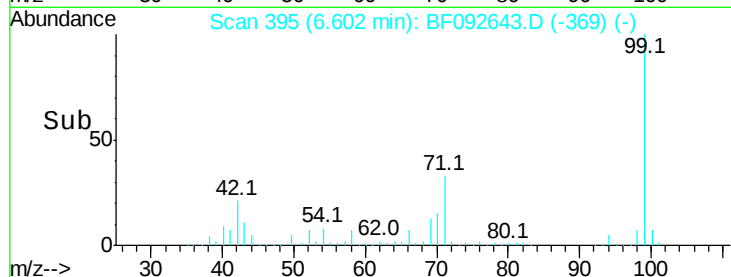
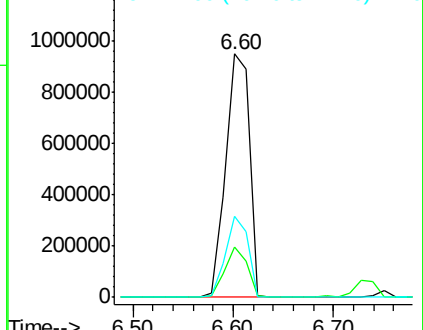
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.09 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

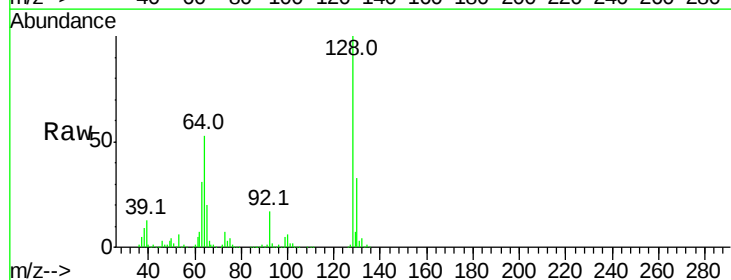
Tgt Ion:128 Resp: 442968

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

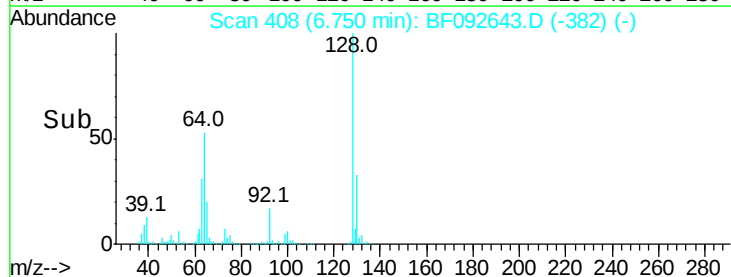
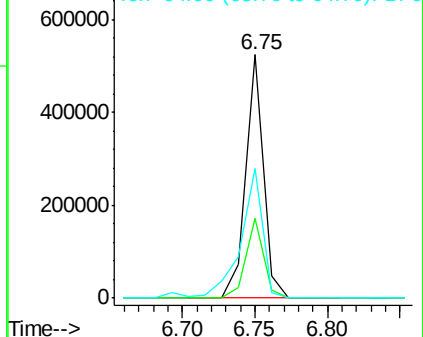
64 53.1 32.2 72.2

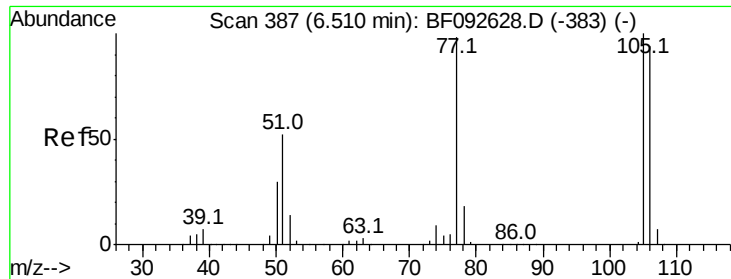


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





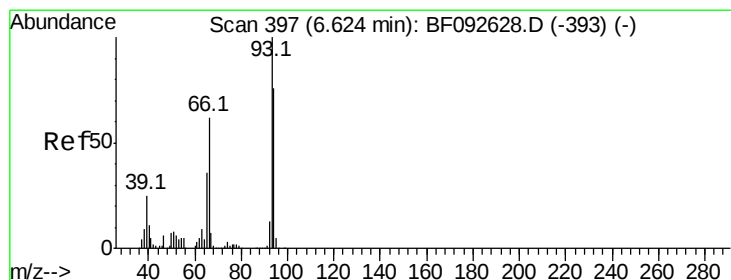
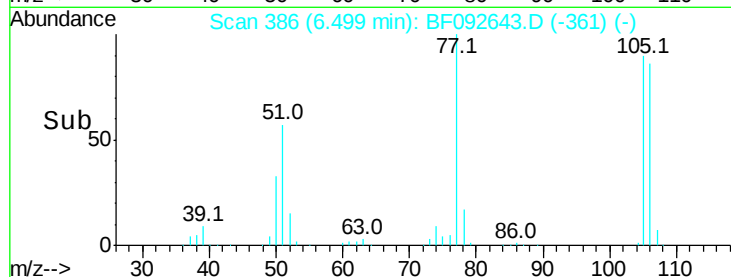
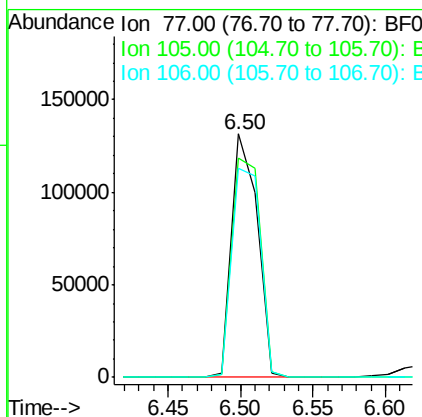
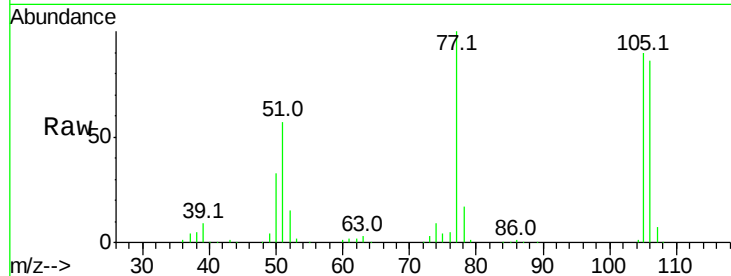
#9
Benzaldehyde
Concen: 18.45 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	83.9	123.9
106	85.8	77.6	117.6

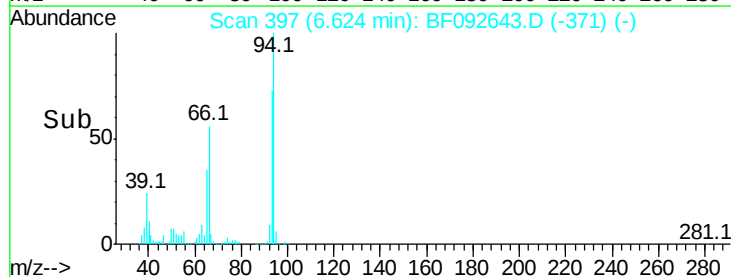
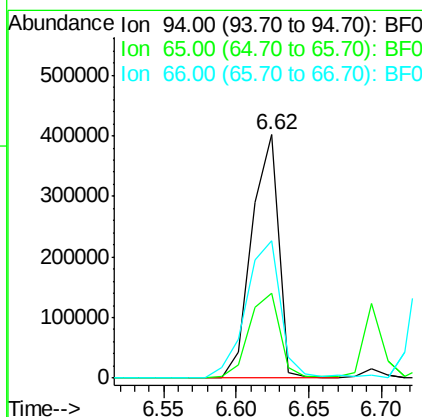
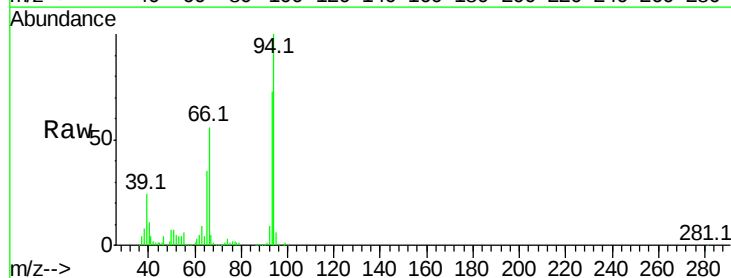
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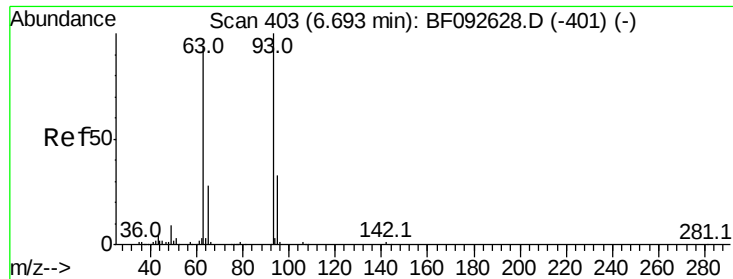
mohammad
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#10
Phenol
Concen: 35.82 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.1	21.4	61.4
66	56.2	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.73 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

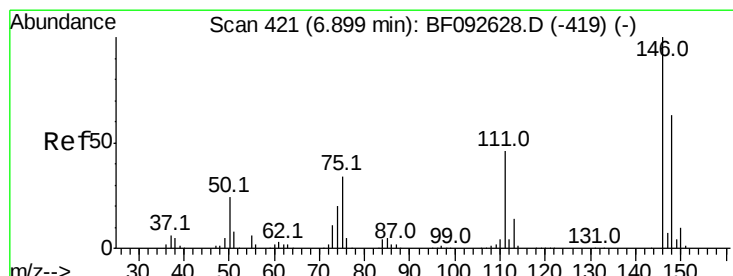
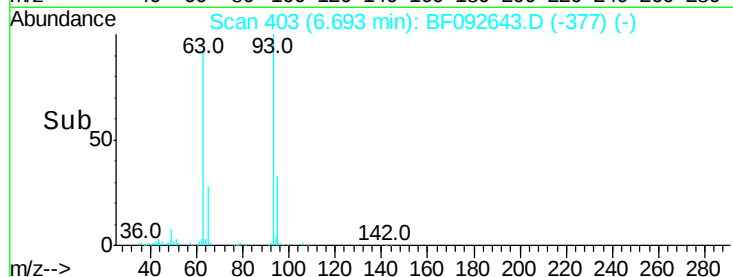
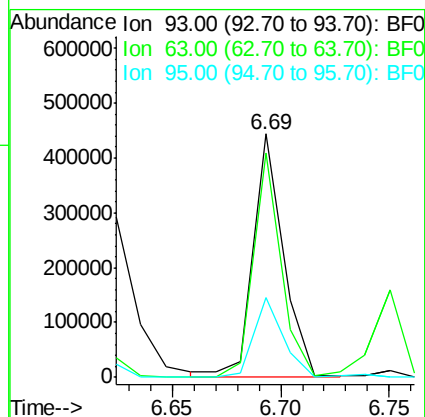
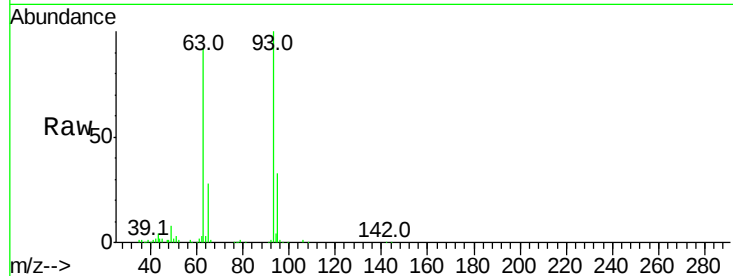
ClientSampleId :

PB96532BS

Tot Ion:	93	Resp:	432447
Ion Ratio	Lower	Upper	
93	100		
63	92.0	60.4	100.4
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.40 ng m

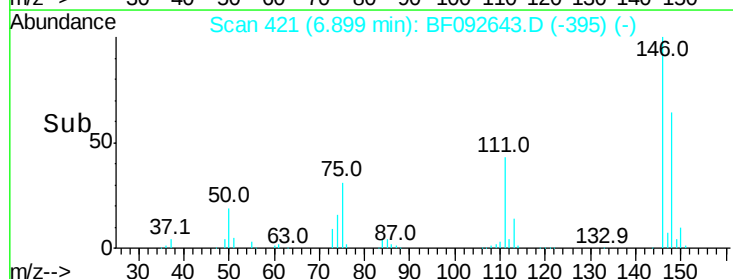
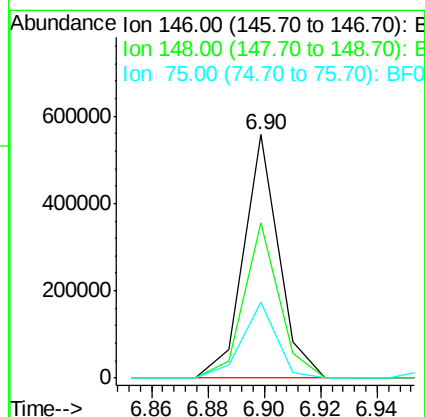
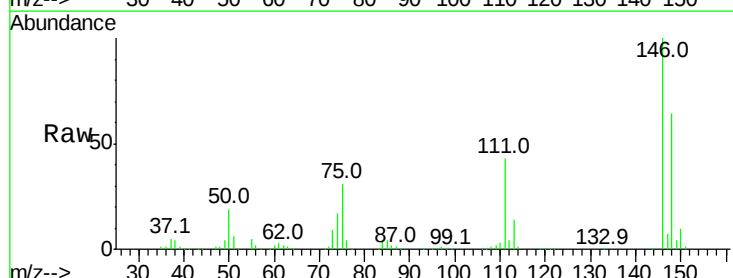
RT: 6.90 min Scan# 421

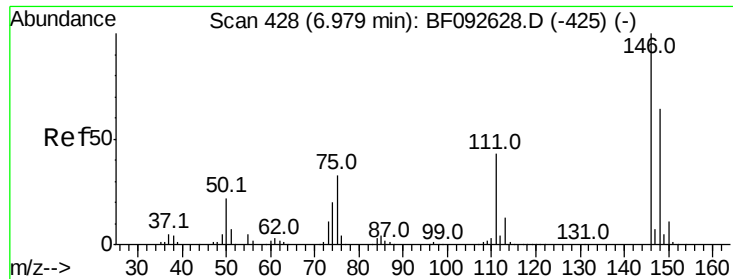
Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	146	Resp:	485726
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.4	80.0
75	31.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.10 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

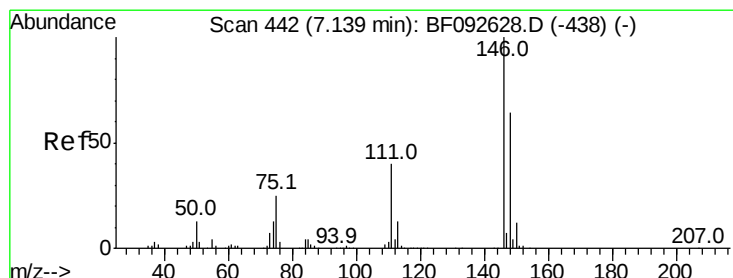
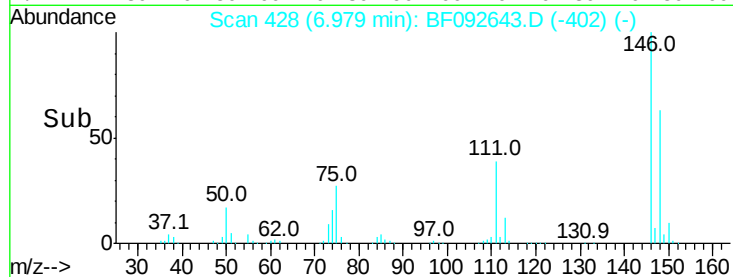
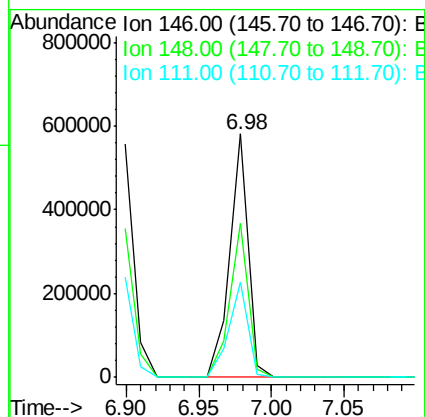
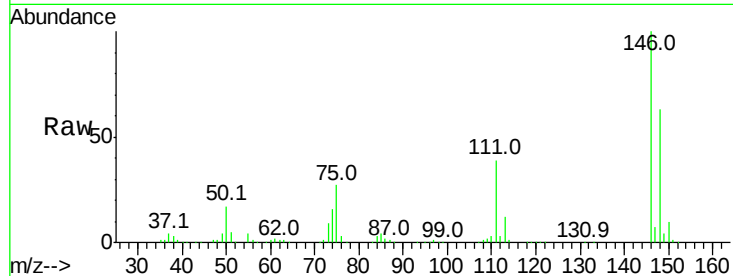
ClientSampleId :

PB96532BS

Tot Ion:	146	Resp:	512766
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	38.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 38.28 ng

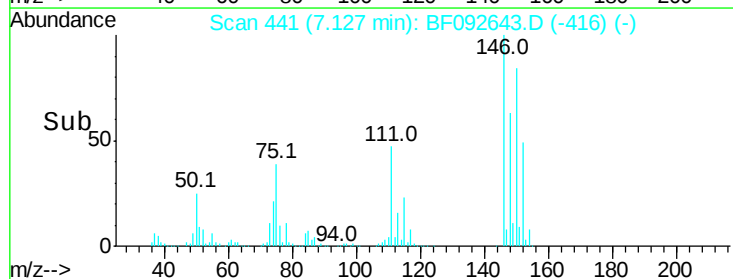
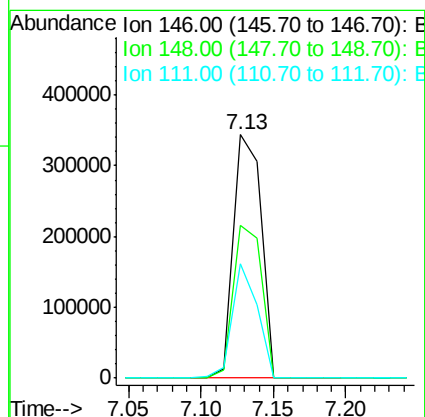
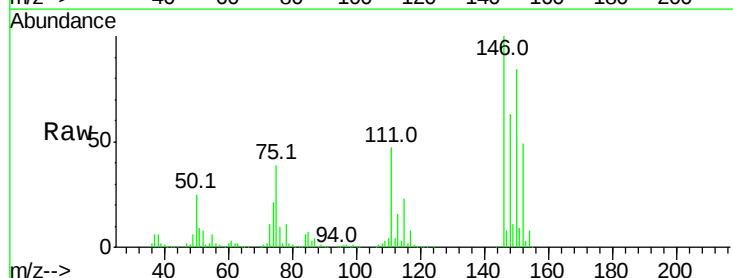
RT: 7.13 min Scan# 441

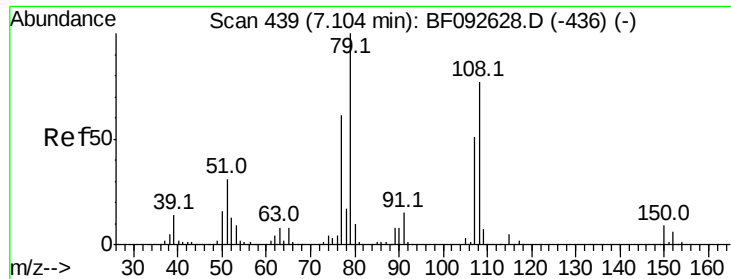
Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	146	Resp:	456690
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.2
111	46.7	36.2	54.2





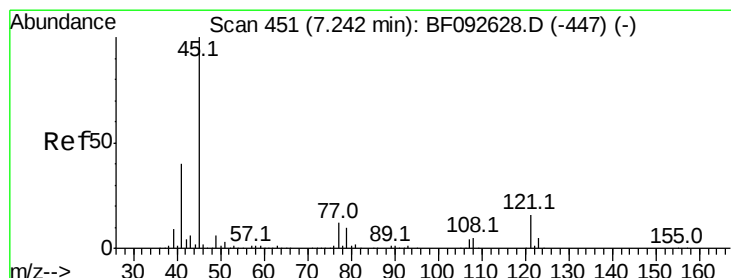
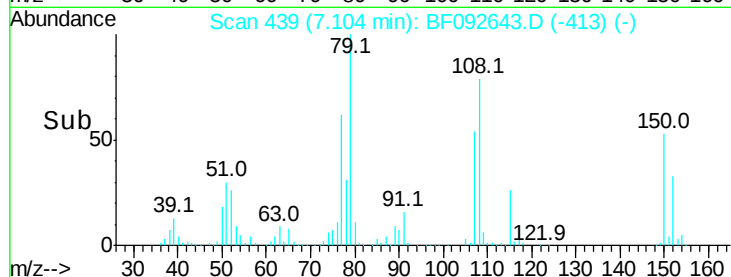
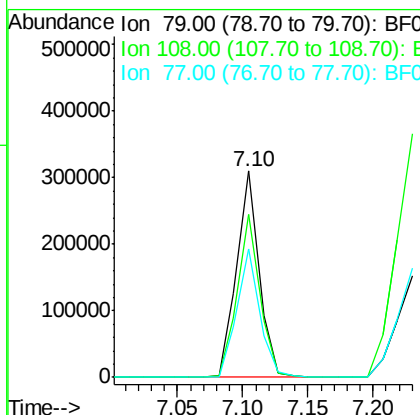
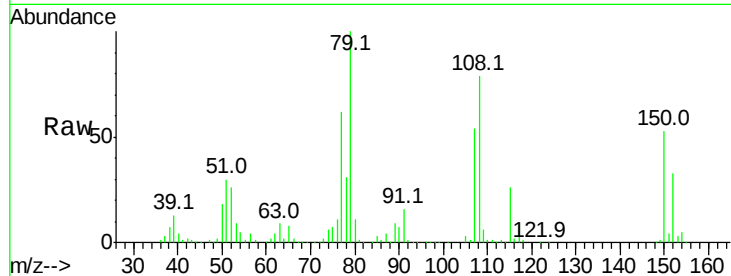
#15
Benzyl Alcohol
Concen: 40.93 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	61.4	92.0
77	61.9	50.9	76.3

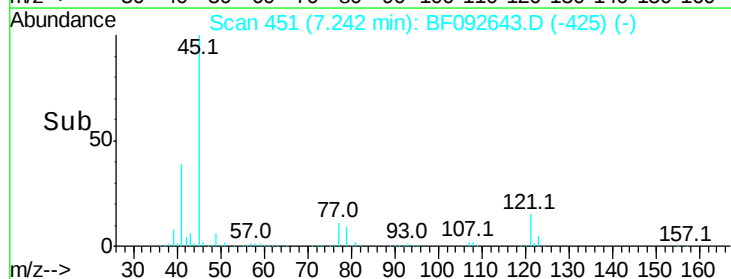
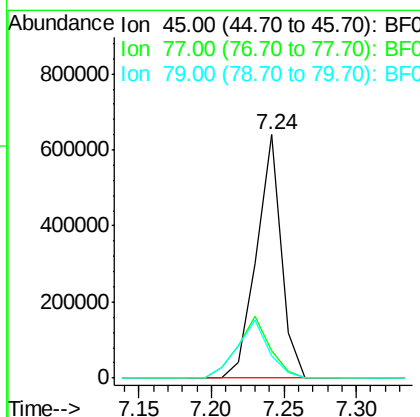
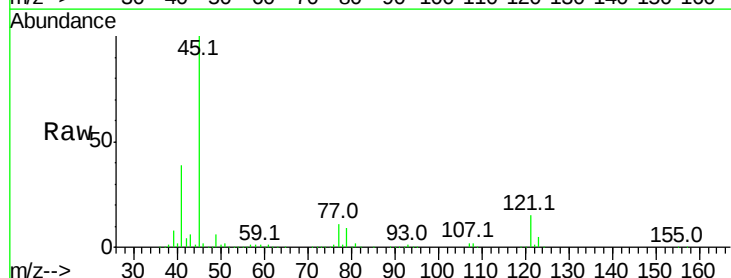
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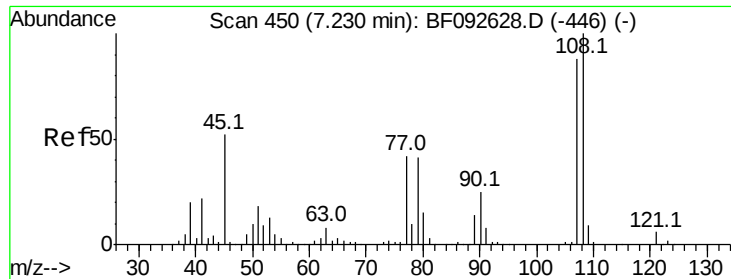
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.03 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	34.6
79	9.1	0.0	31.2





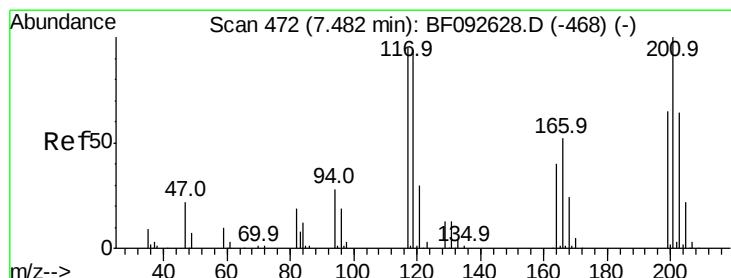
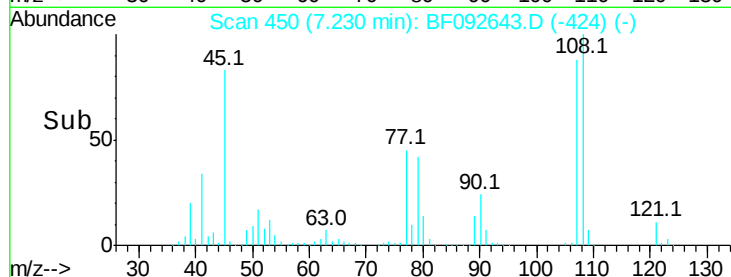
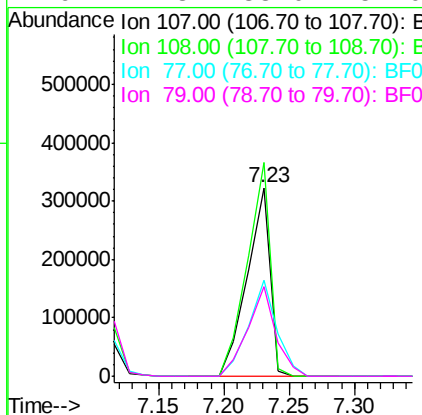
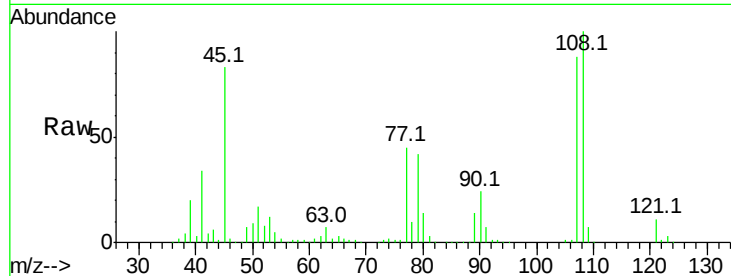
#17
2-Methylphenol
Concen: 43.95 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	107	Resp	396789
Ion Ratio	Lower	Upper	
107	100		
108	113.3	93.0	139.6
77	50.6	39.8	59.8
79	47.3	38.0	57.0

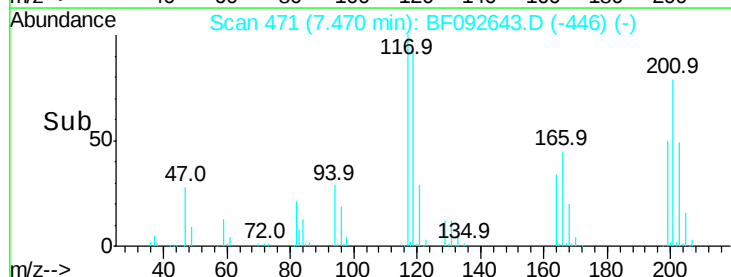
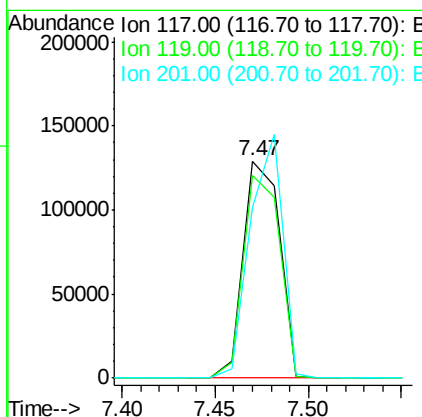
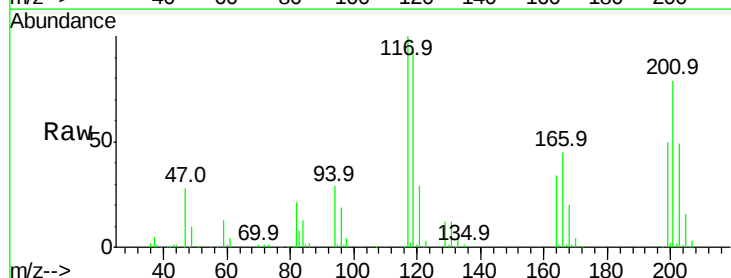
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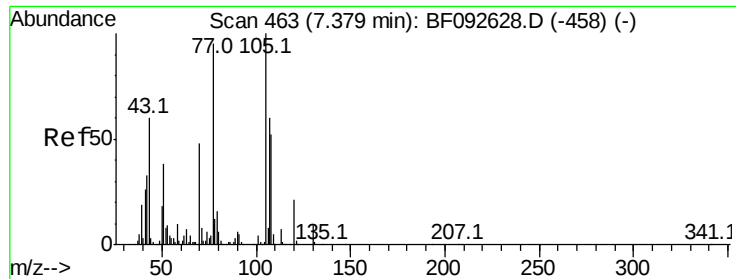
mohammad
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#18
Hexachloroethane
Concen: 40.94 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	117	Resp	174361
Ion Ratio	Lower	Upper	
117	100		
119	93.4	78.1	117.1
201	78.8	78.6	117.8





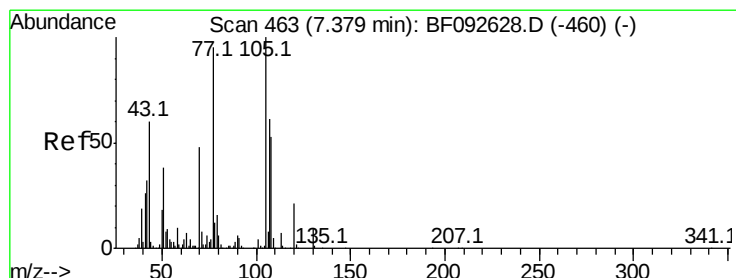
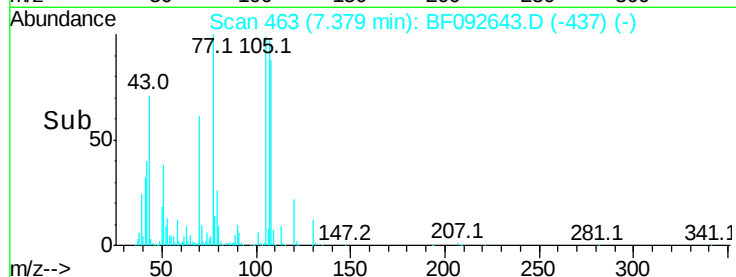
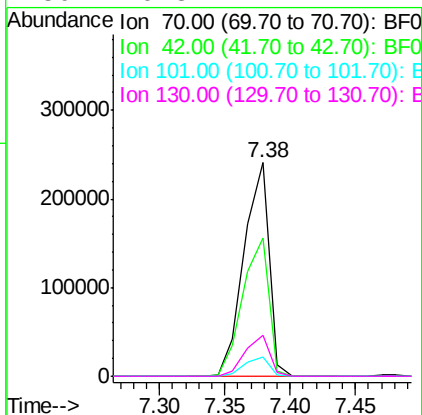
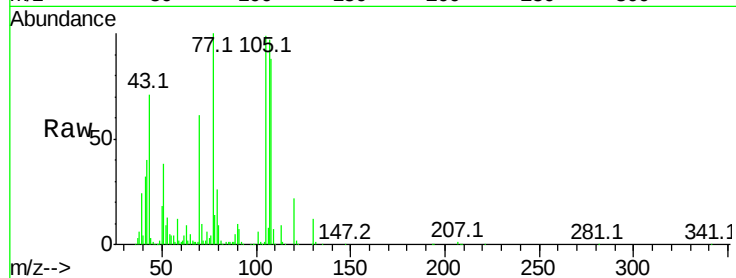
#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	49.4	74.0
101	9.3	7.4	11.2
130	19.3	14.2	21.4

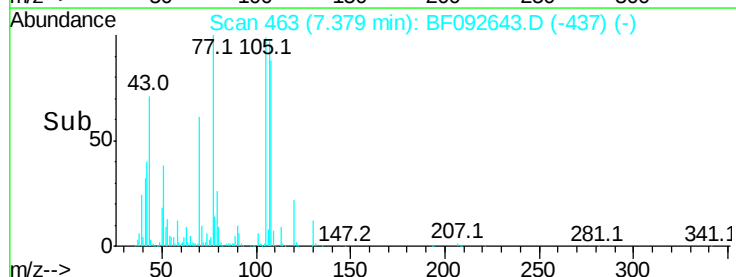
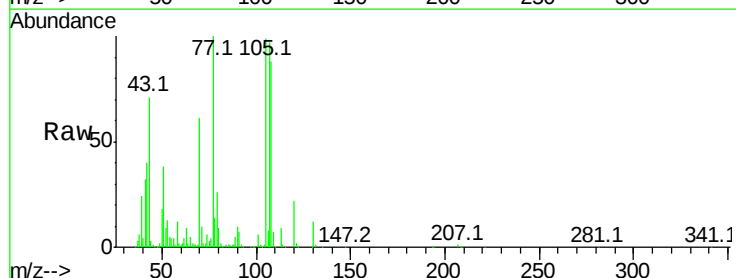
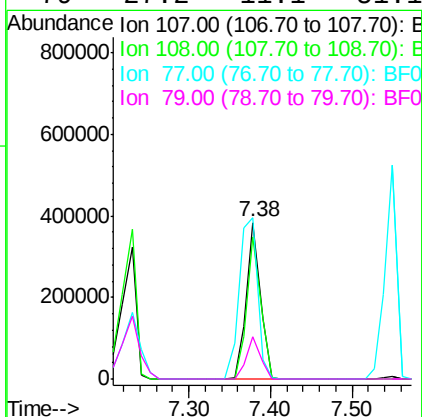
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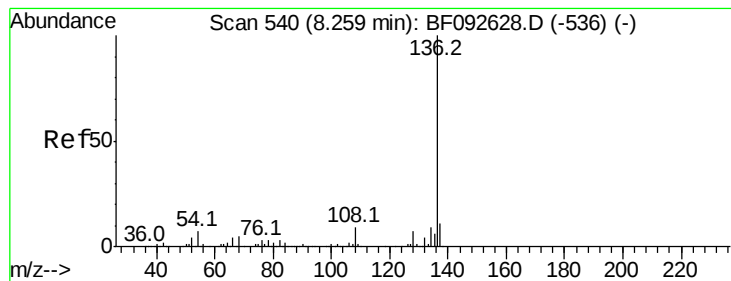
mohammad
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#20
3+4-Methylphenols
Concen: 42.60 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.0	113.0
77	102.7	71.3	111.3
79	27.2	11.1	51.1





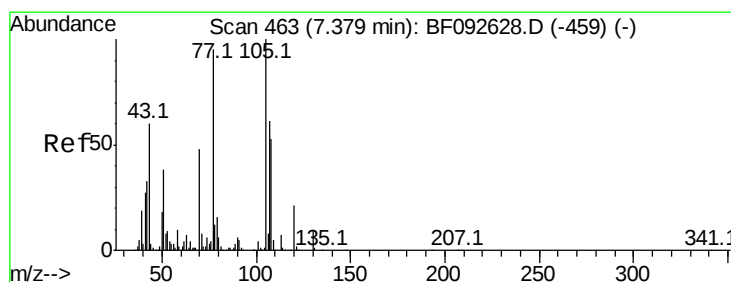
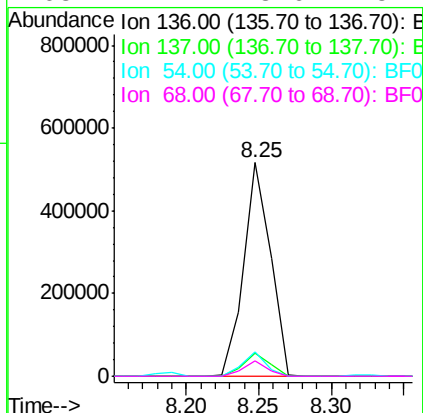
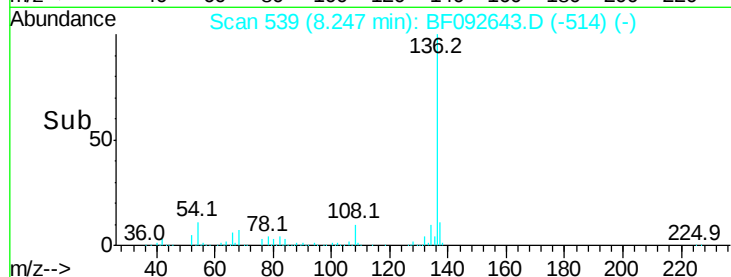
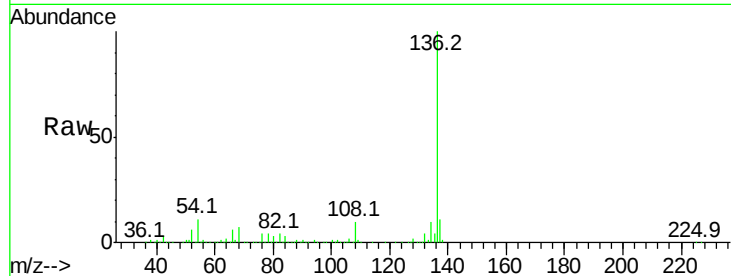
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	11.3	4.5	6.7#
68	7.4	3.6	5.4#

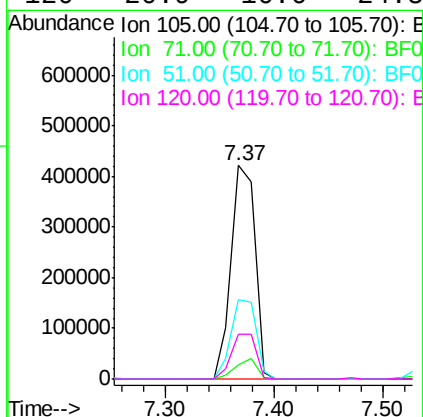
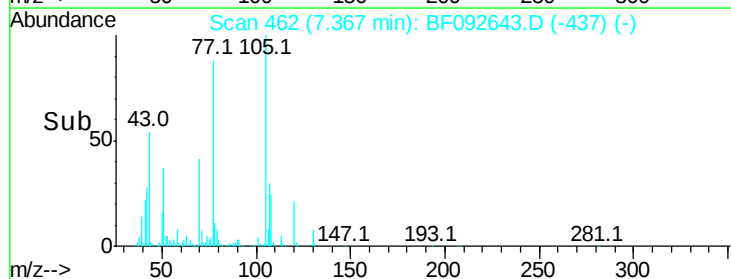
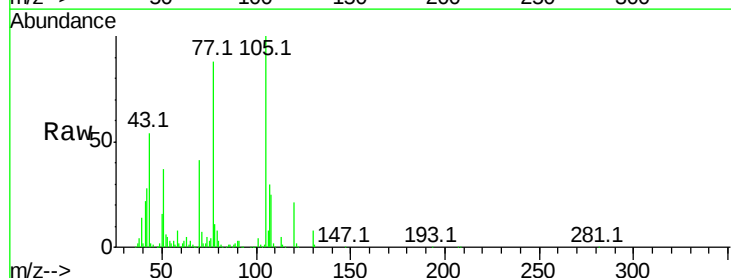
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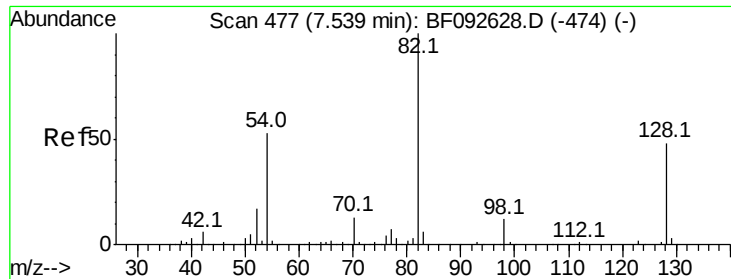
mohammad
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#22
Acetophenone
Concen: 42.20 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.7	3.2	4.8#
51	37.0	26.2	39.4
120	20.9	16.6	24.8





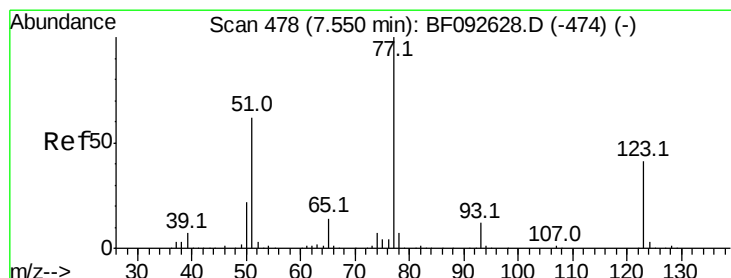
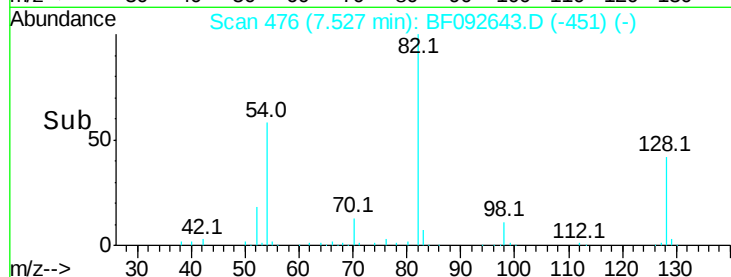
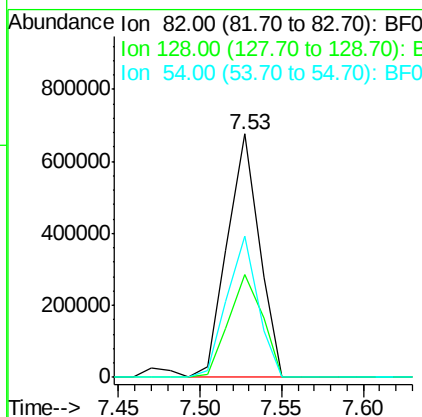
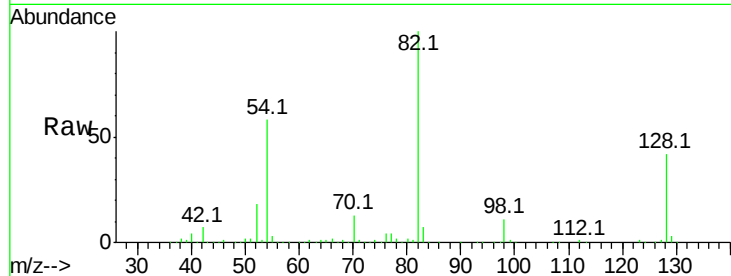
#23
 Nitrobenzene-d5
 Concen: 77.50 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	57.8	39.5	59.3

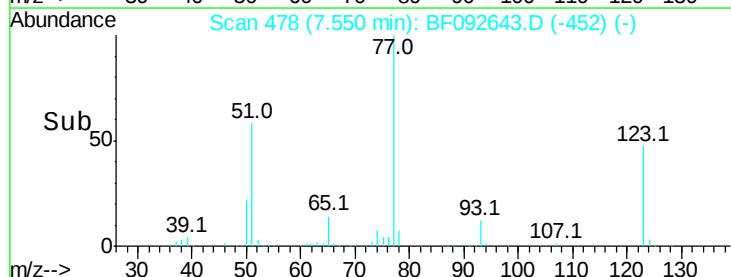
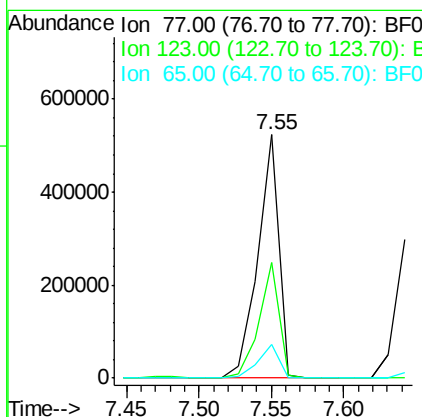
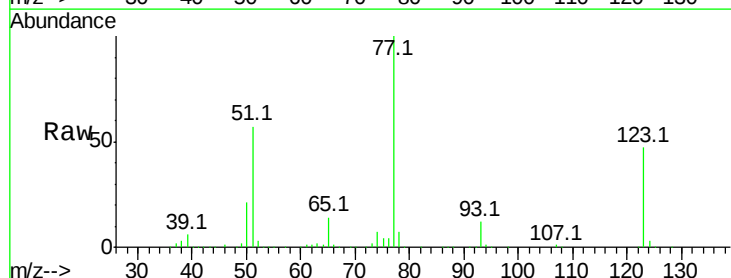
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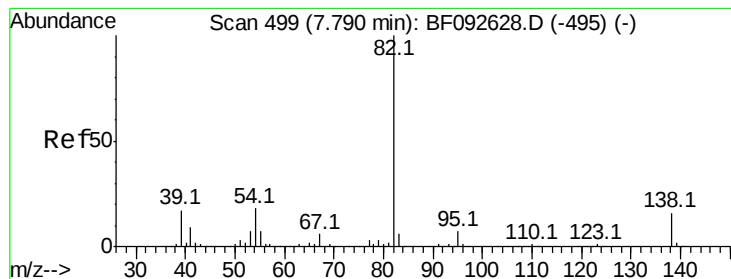
mohammad
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#24
 Nitrobenzene
 Concen: 43.17 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 41.90 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

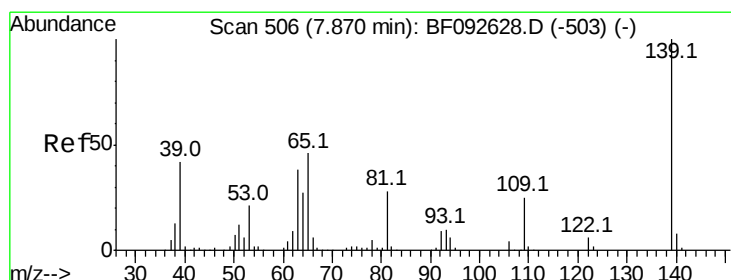
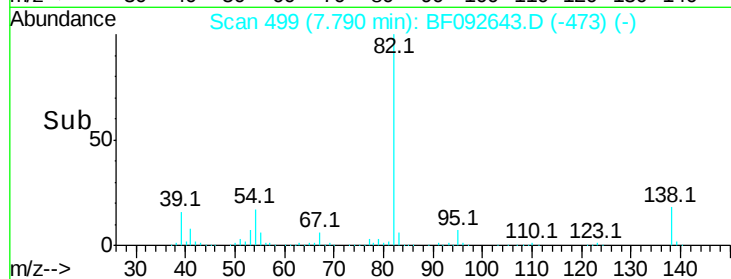
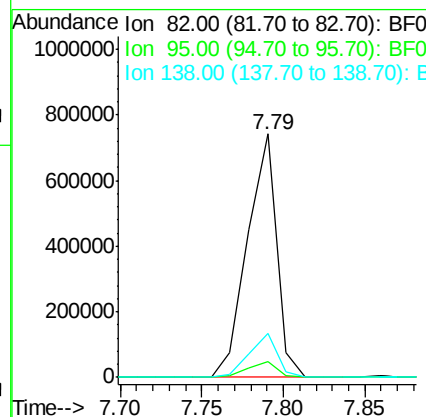
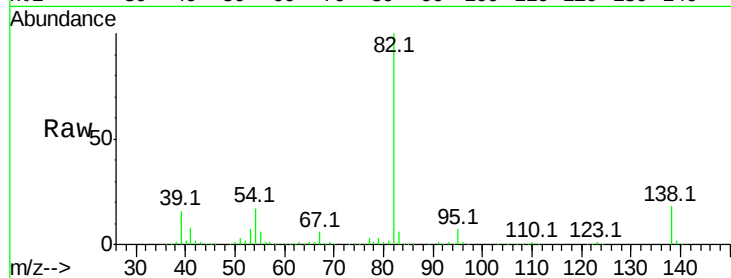
ClientSampleId :

PB96532BS

Tot Ion:	82	Resp:	924879
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	17.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.41 ng

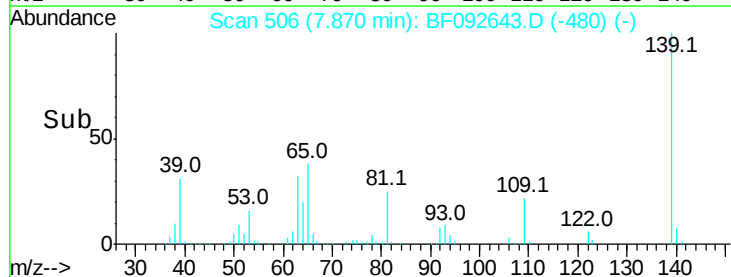
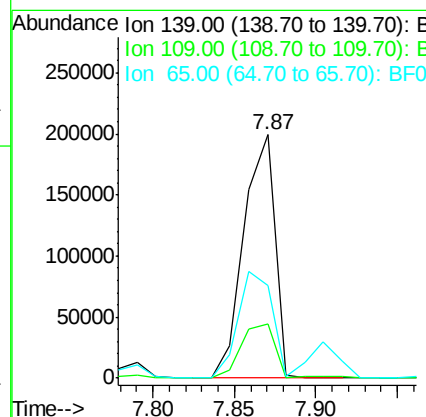
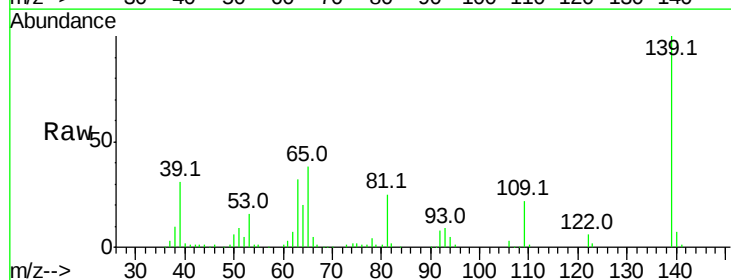
RT: 7.87 min Scan# 506

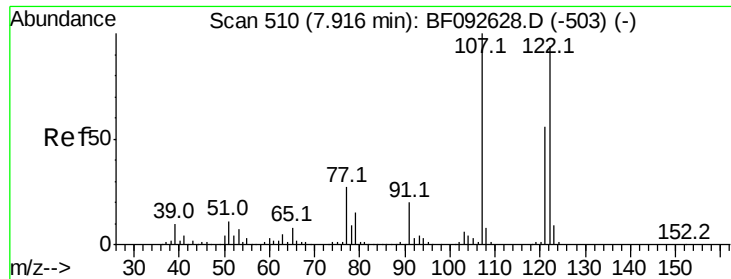
Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	139	Resp:	262578
Ion Ratio	Lower	Upper	
139	100		
109	22.5	23.3	34.9#
65	37.9	42.7	64.1#





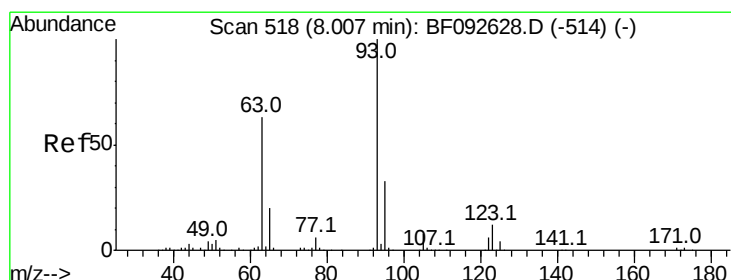
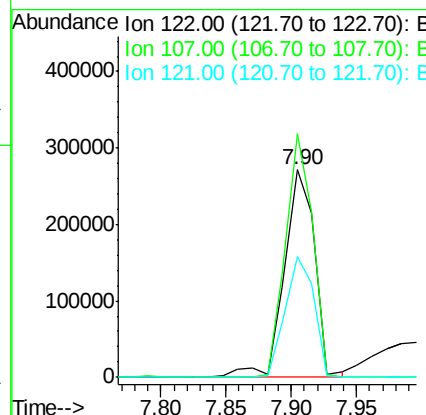
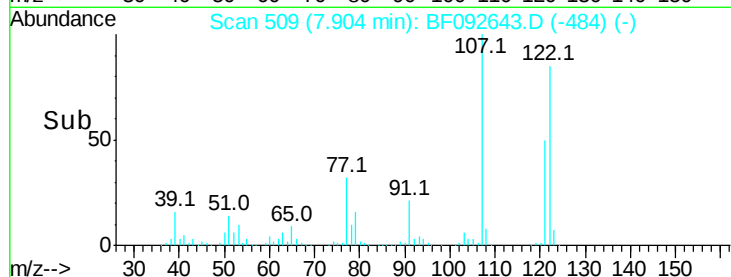
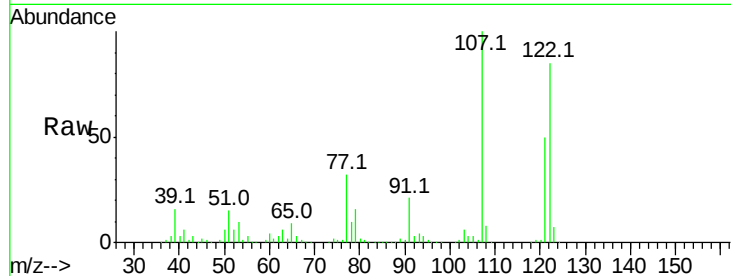
#27
2,4-Dimethylphenol
Concen: 43.38 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	94.1	141.1
121	58.3	46.0	69.0

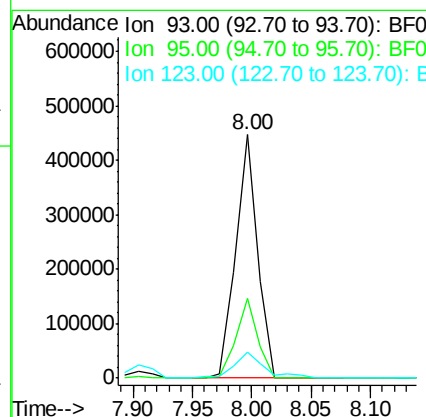
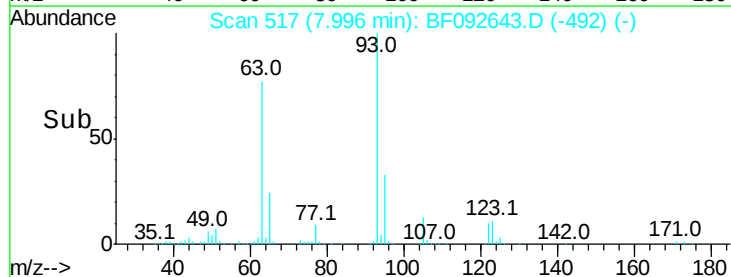
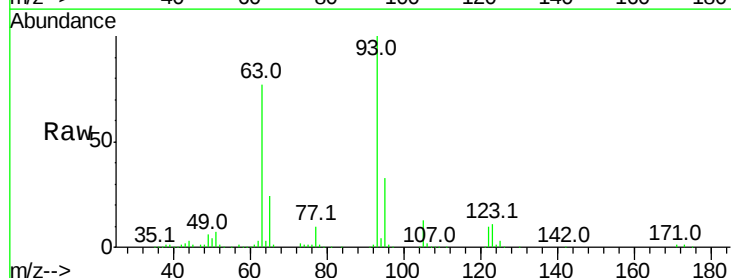
Manual Integrations
APPROVED

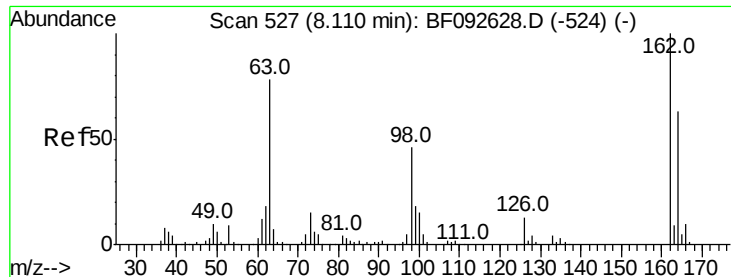
mohammad
1/31/2017 4:45:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.81 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.6	8.6	13.0





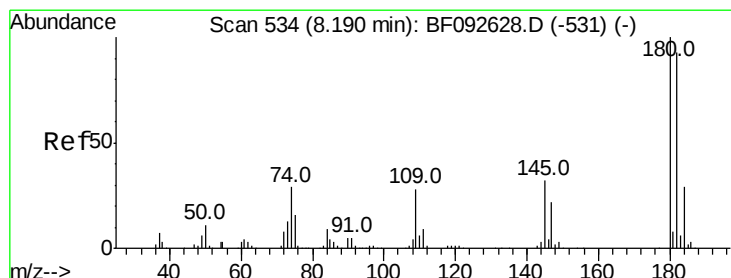
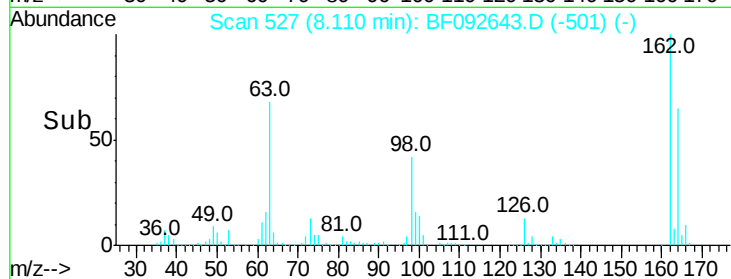
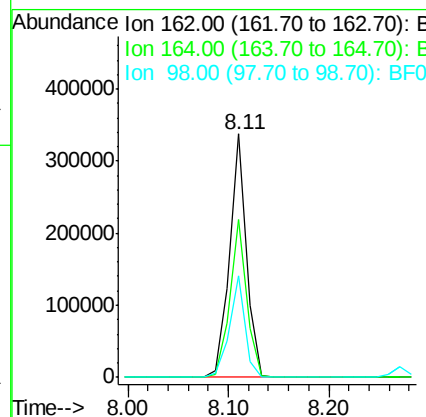
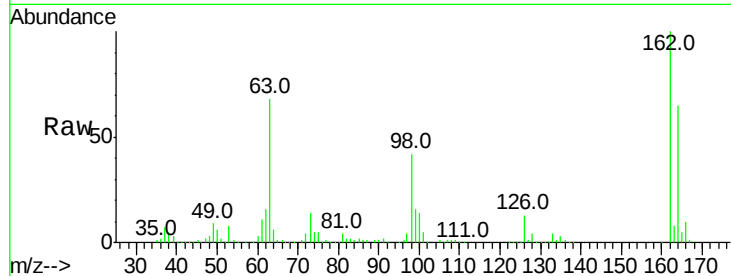
#29
 2,4-Dichlorophenol
 Concen: 41.62 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	46.8	86.8
98	41.9	9.1	49.1

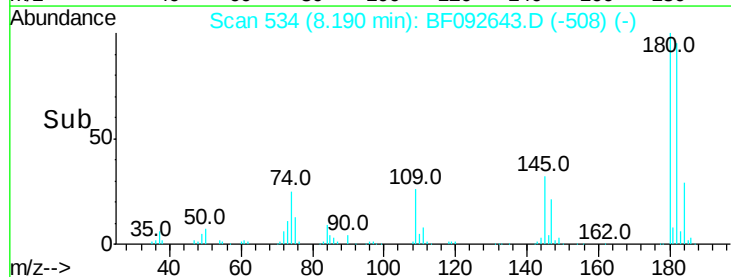
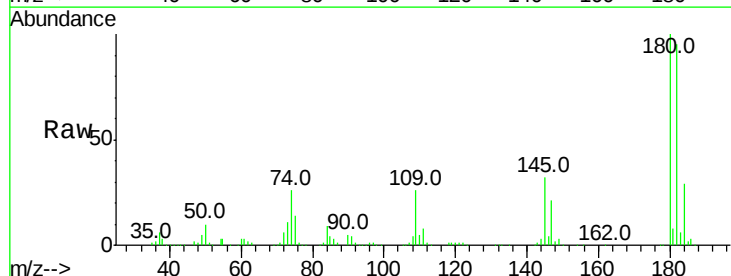
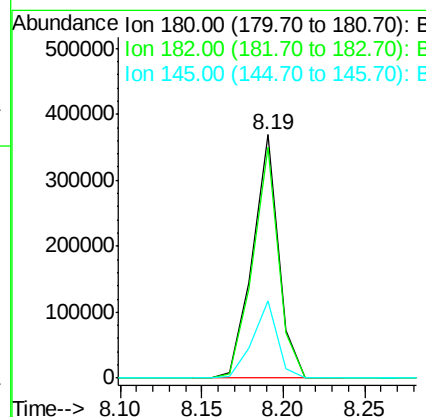
Manual Integrations
 APPROVED

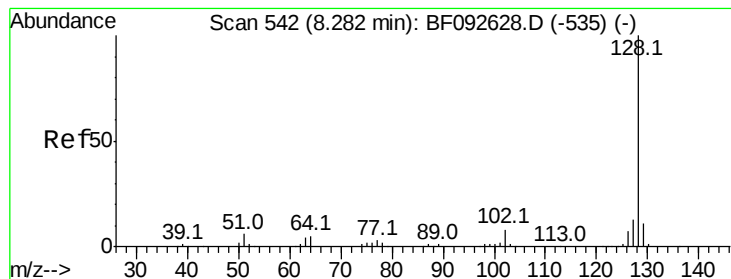
mohammad
 1/31/2017 4:45:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.91 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 37.63 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tot Ion:128 Resp: 1258495

Ion Ratio Lower Upper

128 100

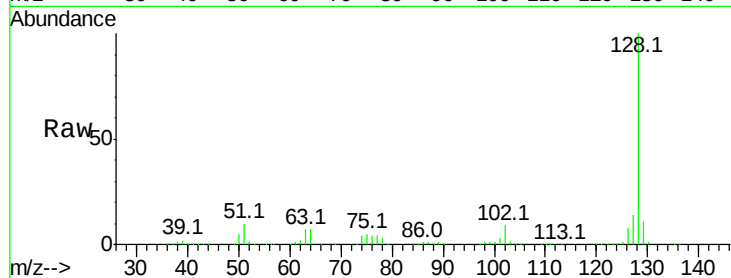
129 11.5 9.5 14.3

127 13.8 10.8 16.2

Manual Integrations
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mohammad

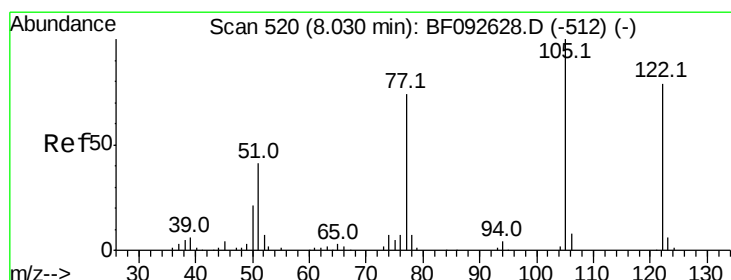
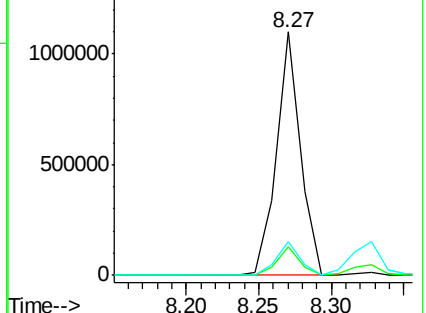
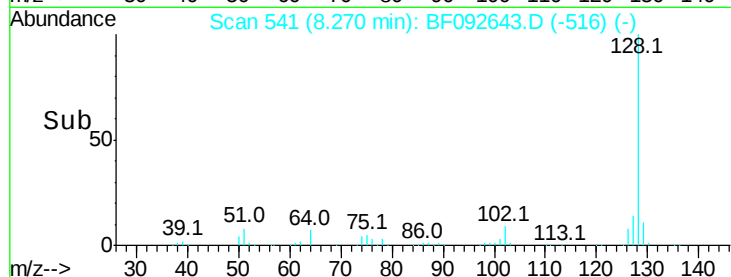
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.18 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

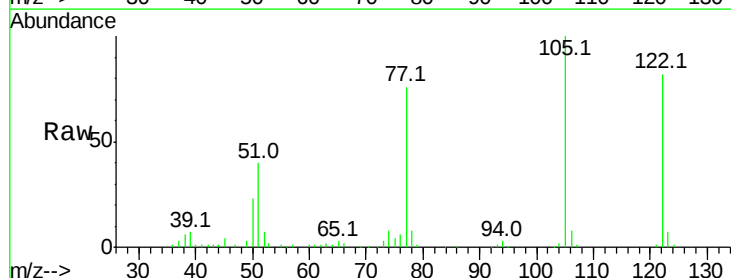
Tgt Ion:122 Resp: 324726

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

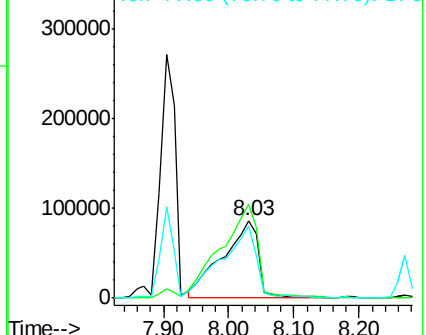
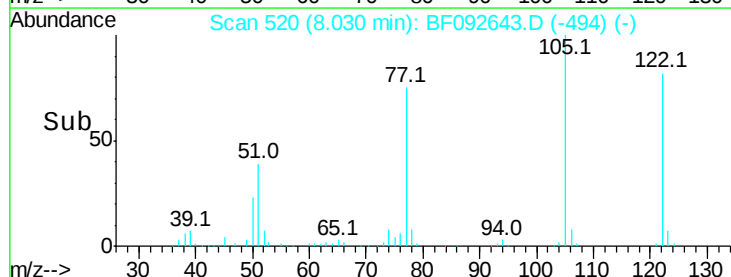
77 92.5 74.5 114.5

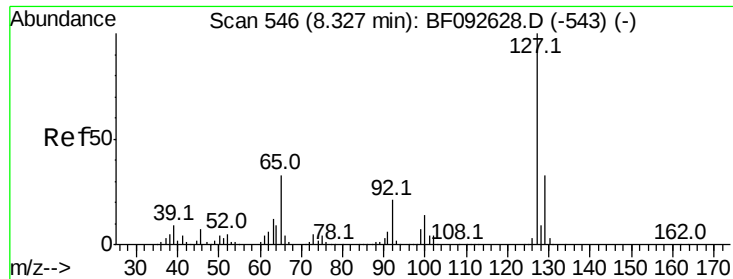


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





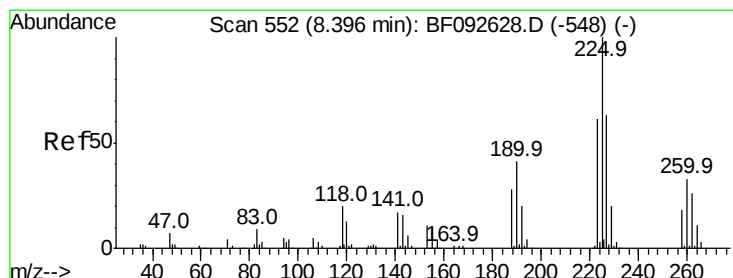
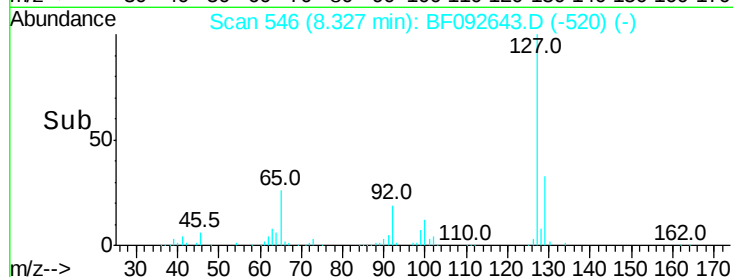
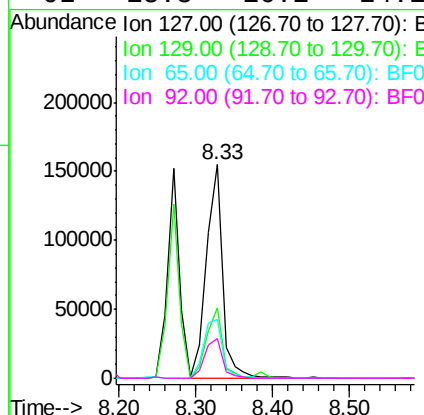
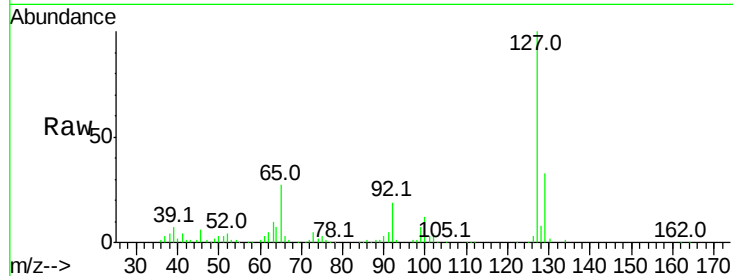
#33
4-Chloroaniline
Concen: 17.09 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	224151		
129	33.0	26.3	39.5	
65	27.5	25.8	38.8	
92	18.8	16.1	24.1	

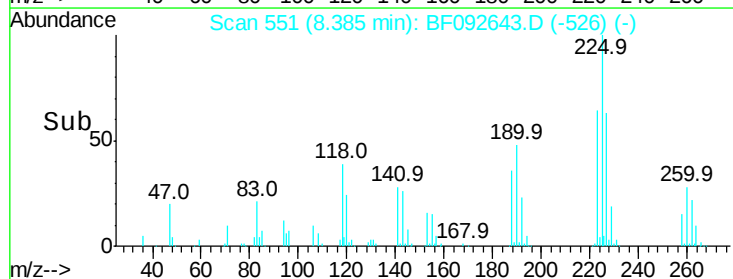
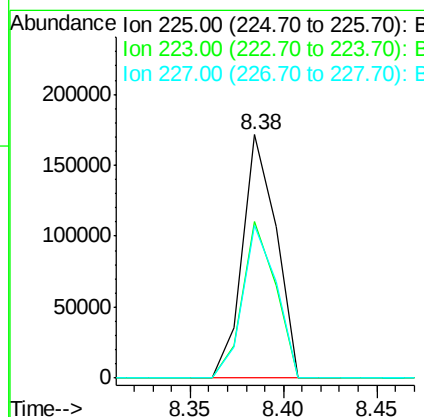
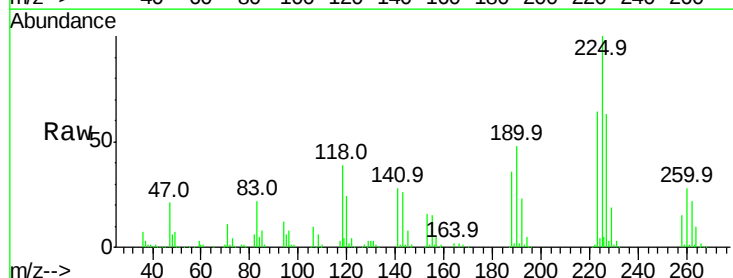
Manual Integrations
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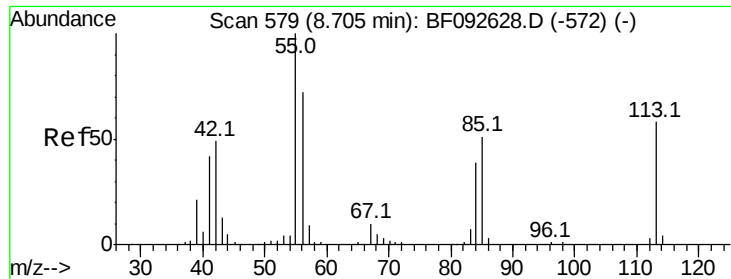
mohammad
1/31/2017 4:45:34 PM



#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	215684		
223	64.4	51.0	76.6	
227	62.6	50.6	76.0	





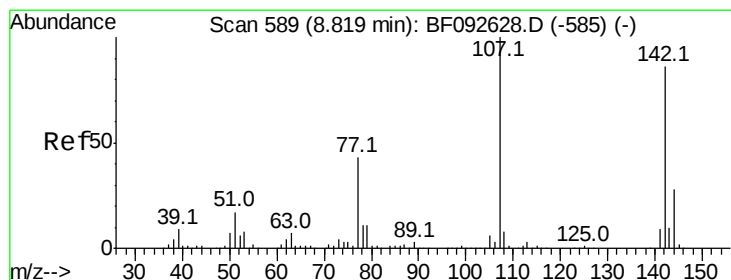
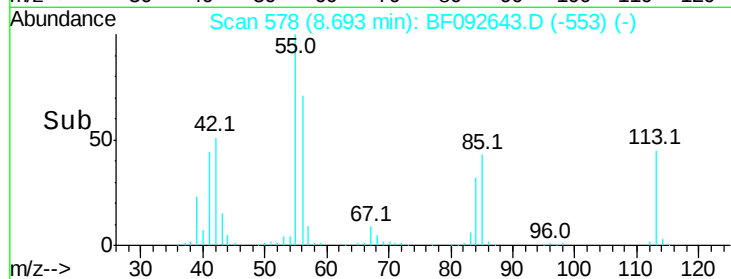
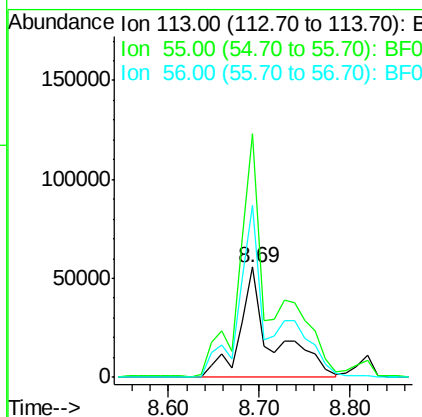
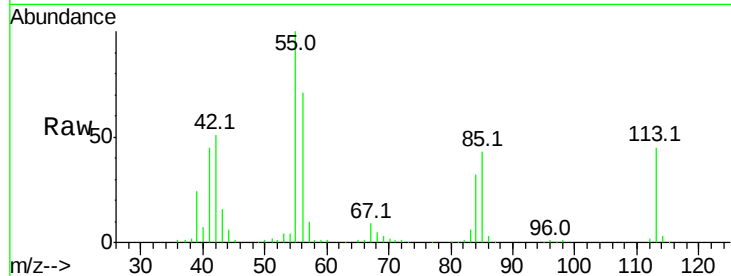
#35
 Caprolactam
 Concen: 46.56 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleID :
 PB96532BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.4	119.2	159.2#
56	156.1	83.8	123.8#

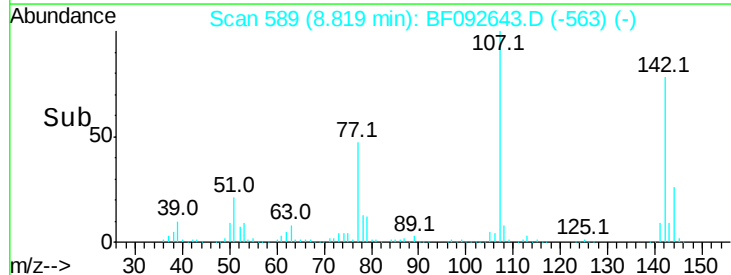
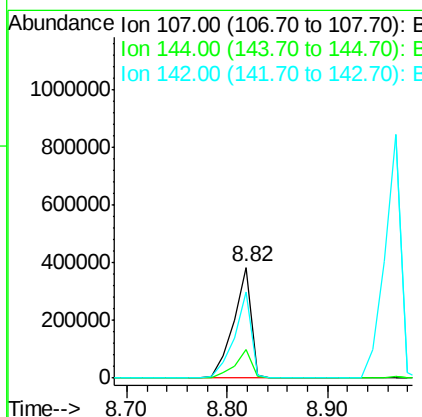
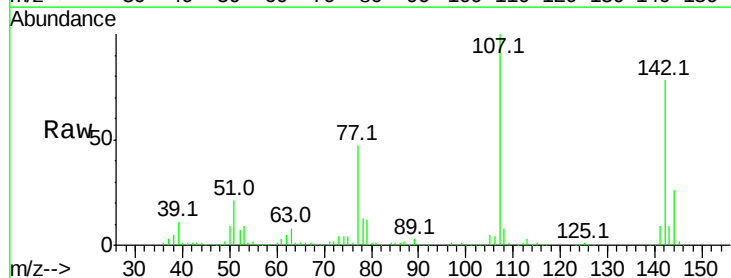
Manual Integrations
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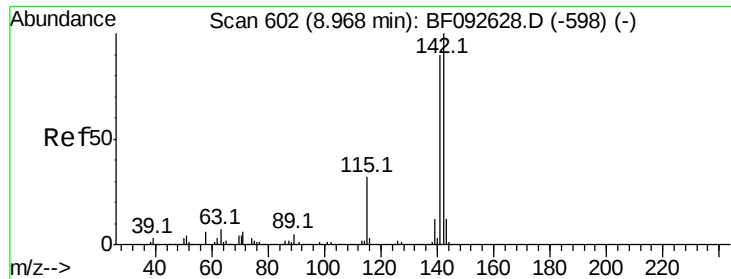
mohammad
 1/31/2017 4:45:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.51 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.3	28.9
142	77.6	59.0	88.6





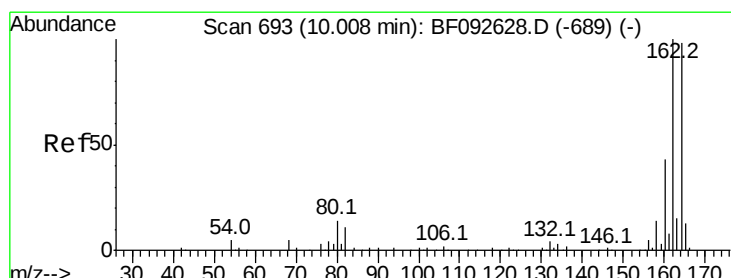
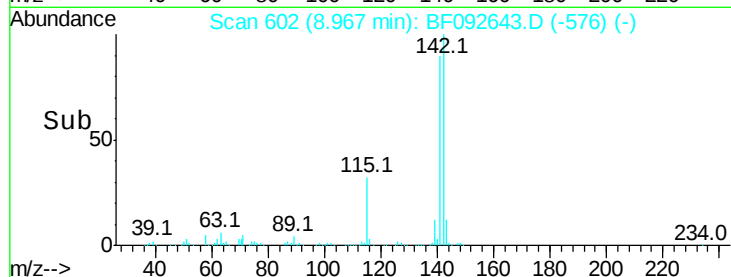
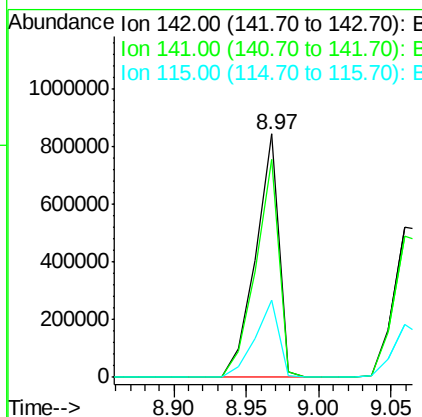
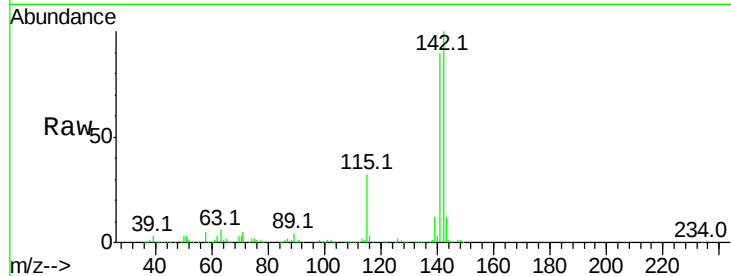
#37
2-Methylnaphthalene
Concen: 43.75 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	31.5	28.3	42.5

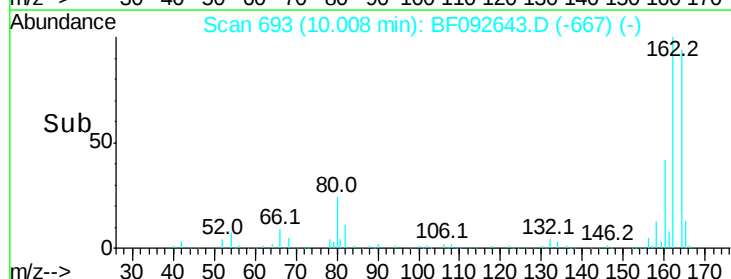
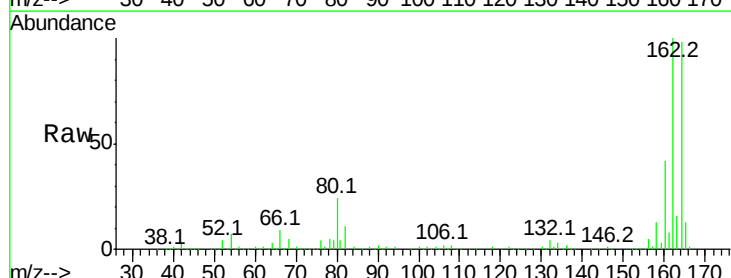
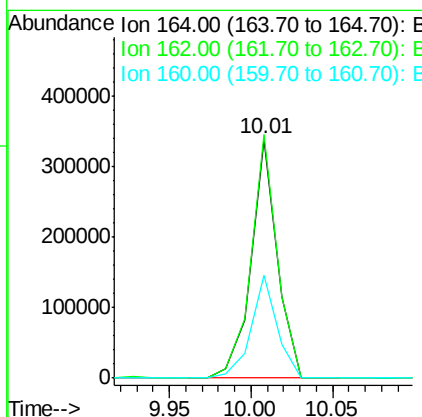
Manual Integrations
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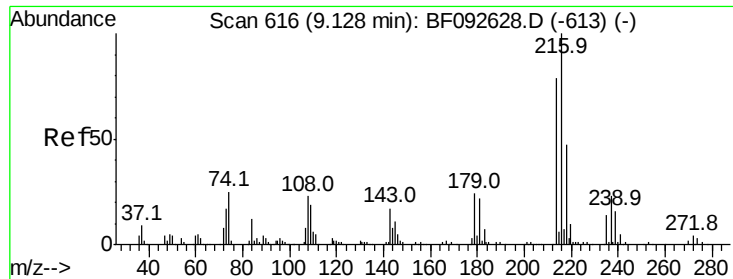
mohammad
1/31/2017 4:45:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	42.9	36.9	55.3





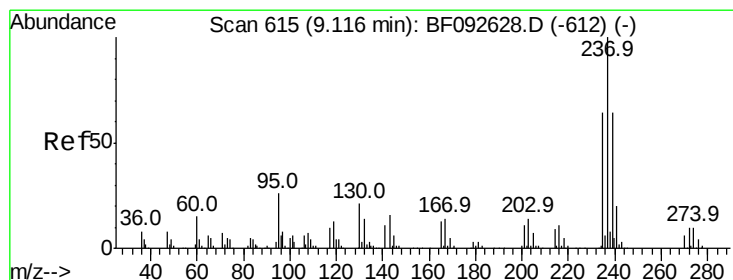
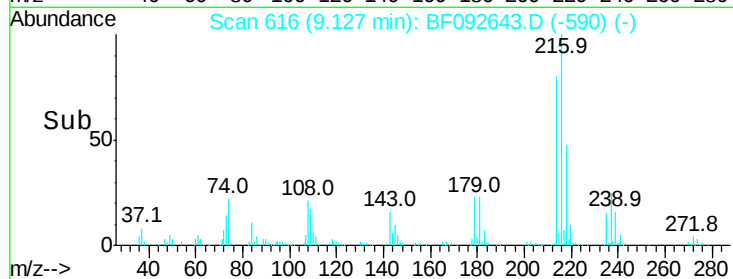
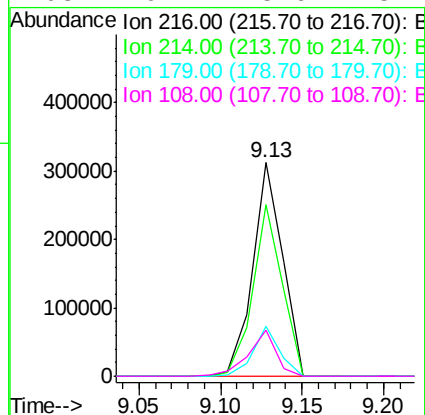
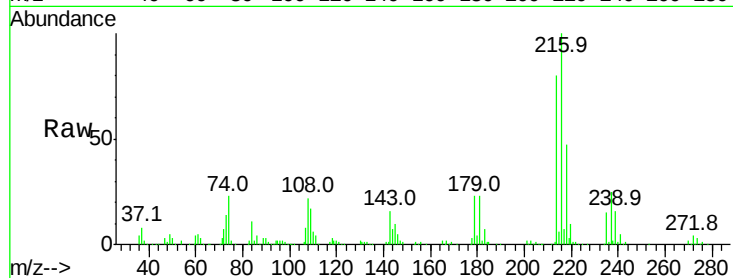
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.36 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	396750		
214	78.7		63.4	95.0
179	20.8		17.4	26.2
108	20.2		15.6	23.4

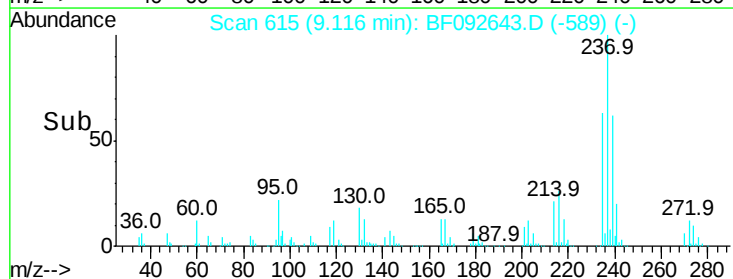
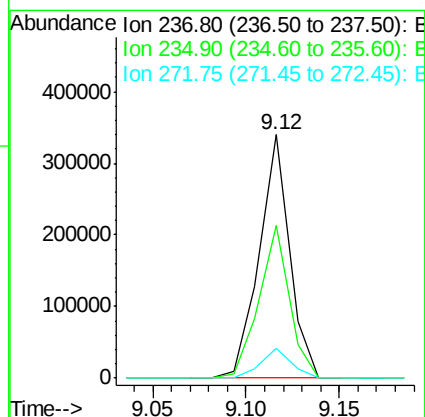
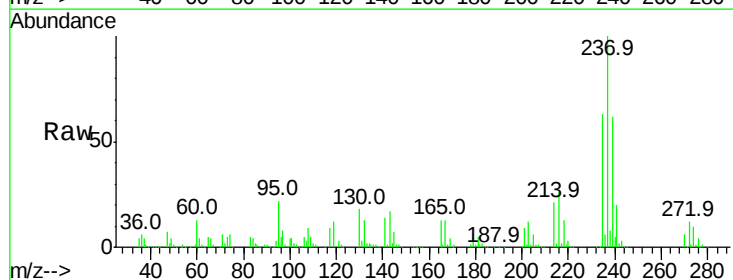
Manual Integrations
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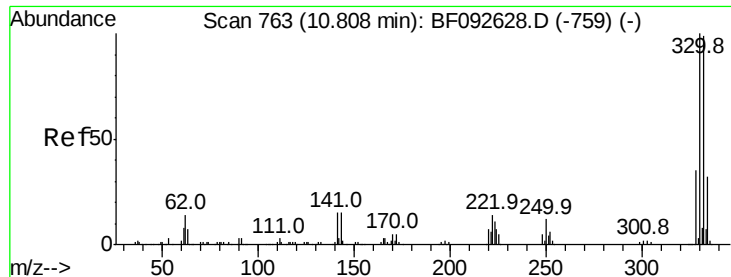
mohammad
 1/31/2017 4:45:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.61 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	381497		
235	63.0		41.2	81.2
272	12.2		0.0	35.4





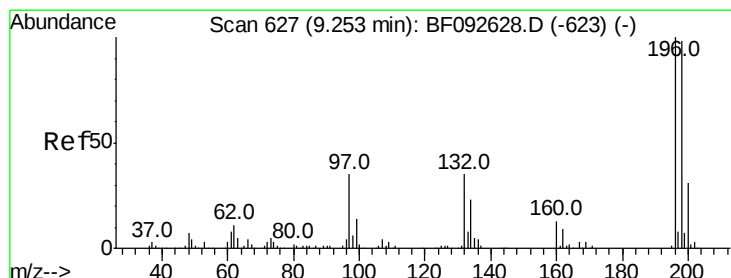
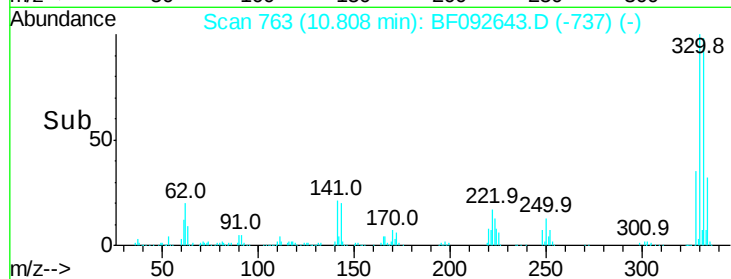
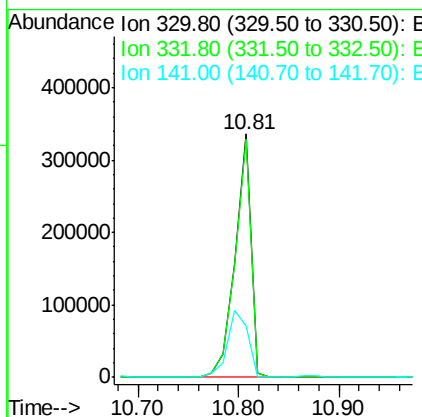
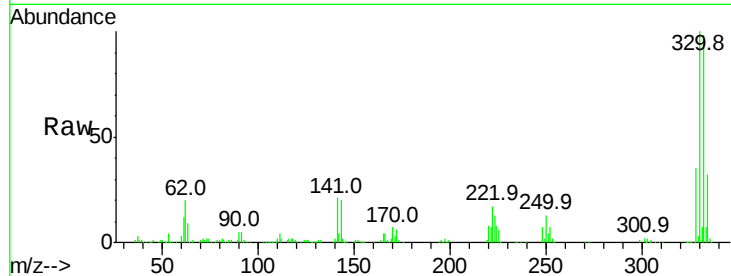
#41
 2,4,6-Tribromophenol
 Concen: 134.90 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	369164		
332	98.4	77.4	116.2	
141	35.2	34.1	51.1	

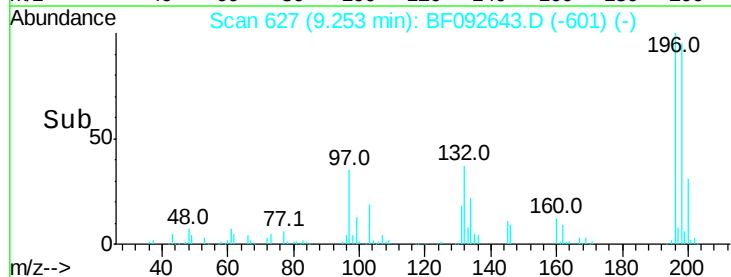
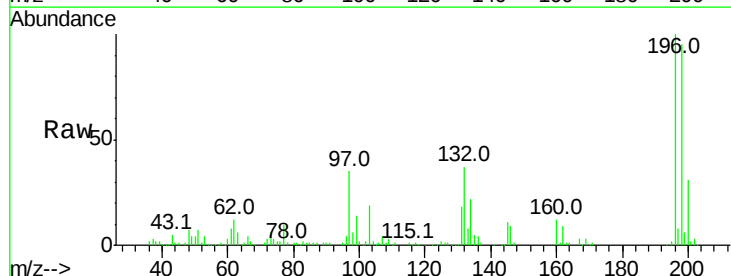
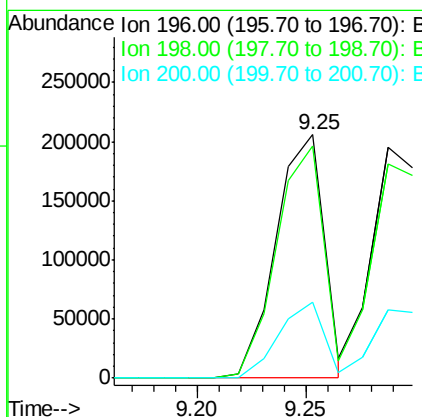
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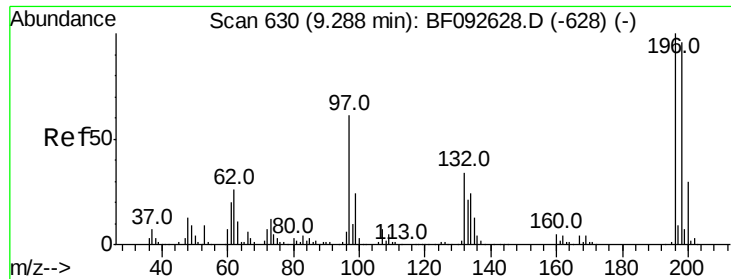
mohammad
 1/31/2017 4:45:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.32 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316313		
198	95.4	82.1	123.1	
200	31.4	27.0	40.4	





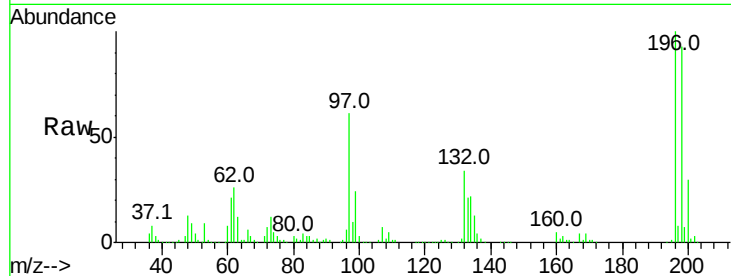
#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

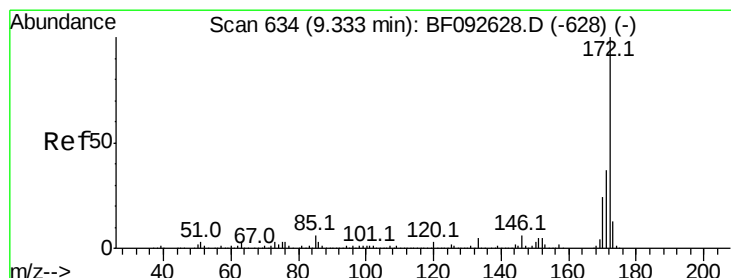
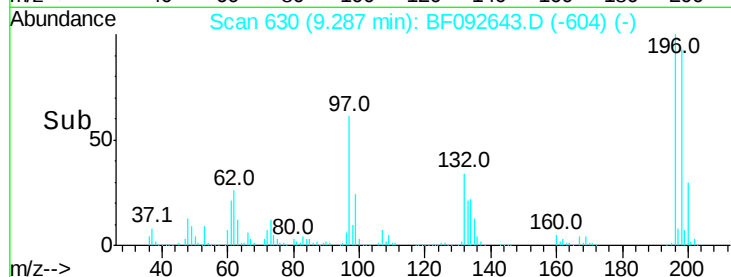
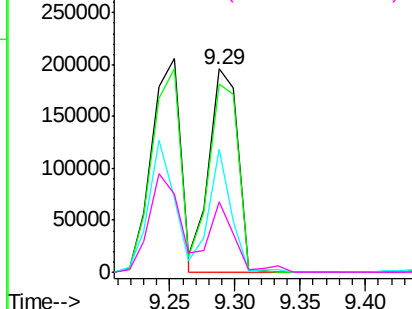
Tot Ion:	196	Resp:	301024
Ion Ratio	Lower	Upper	
196	100		
198	92.8	79.4	119.2
97	60.8	51.5	77.3
132	34.4	27.4	41.2

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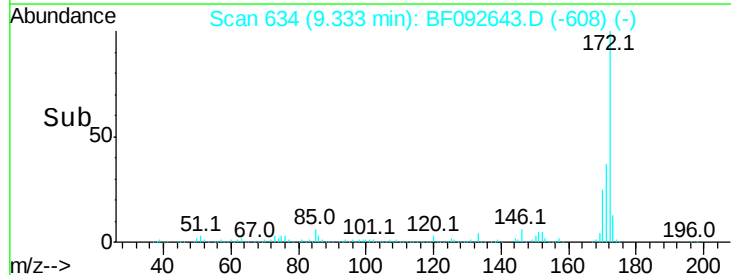
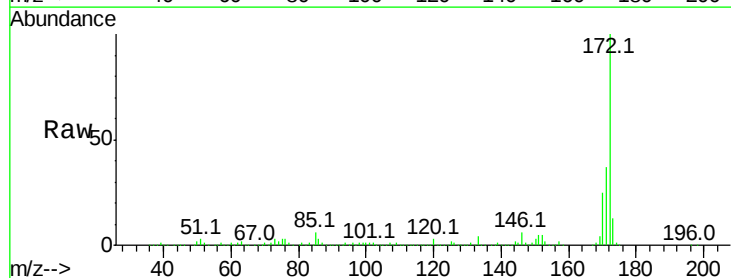
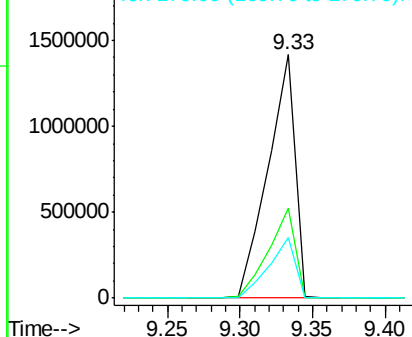
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

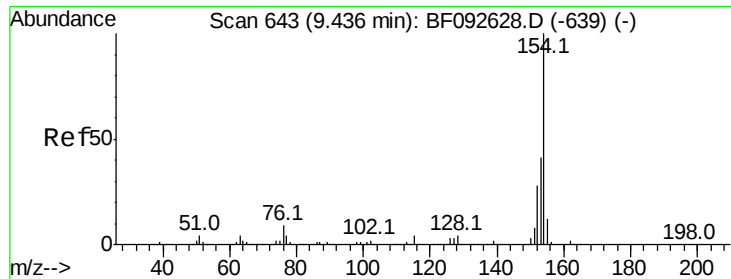


#44
 2-Fluorobiphenyl
 Concen: 88.49 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion:	172	Resp:	1848070
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	24.6	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





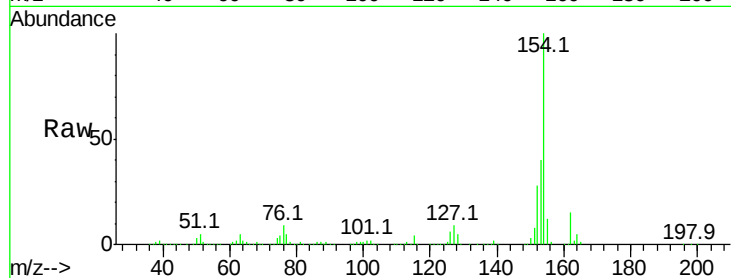
#45
 1,1'-Biphenyl
 Concen: 41.15 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

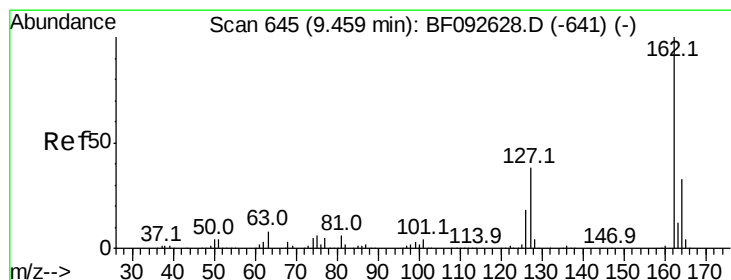
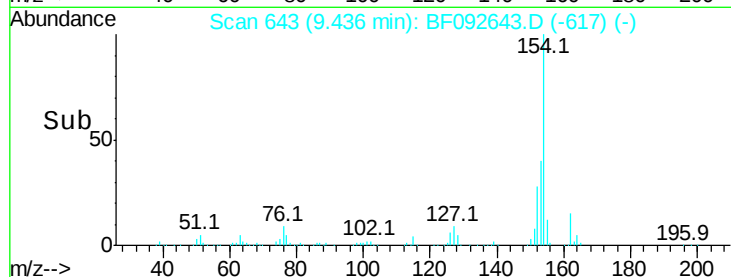
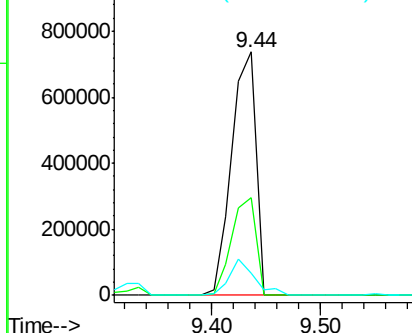
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	9.1	0.0	30.5

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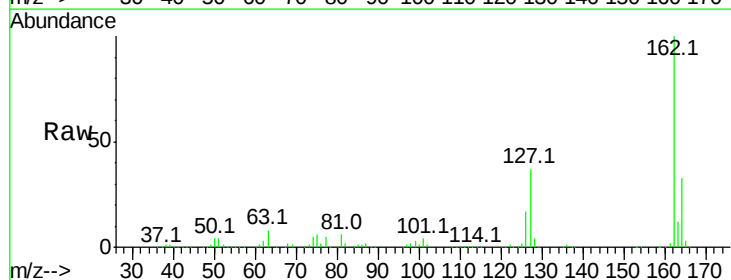


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

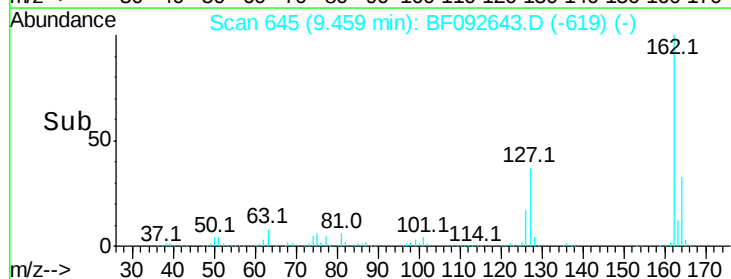
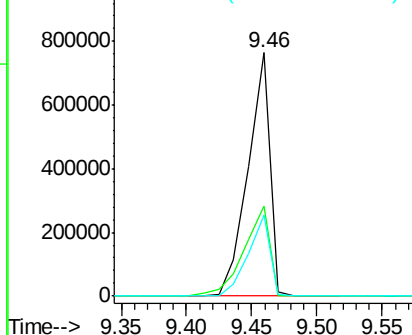


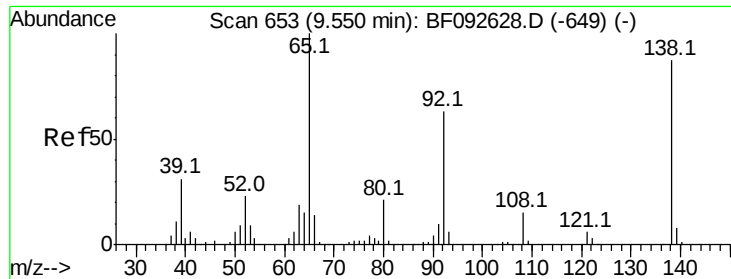
#46
 2-Chloronaphthalene
 Concen: 41.72 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.7	46.1
164	33.1	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





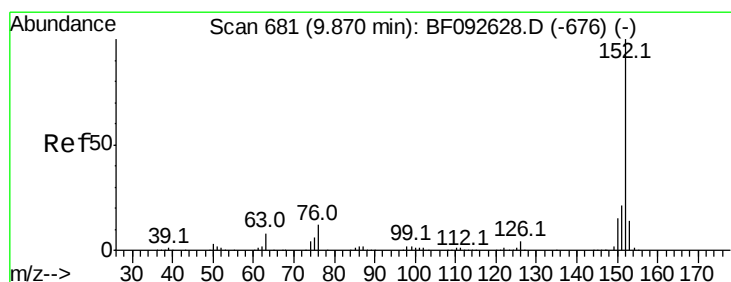
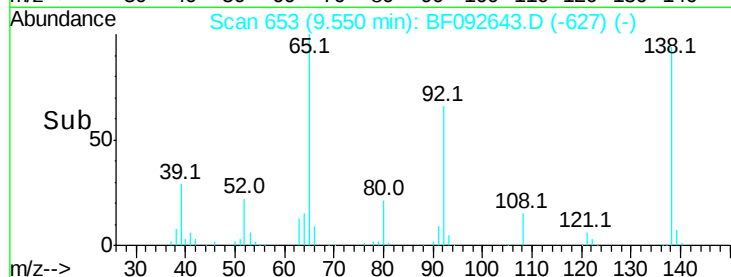
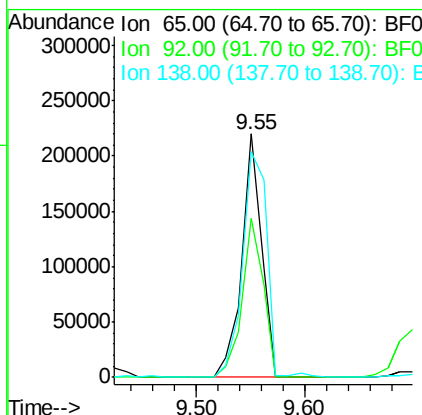
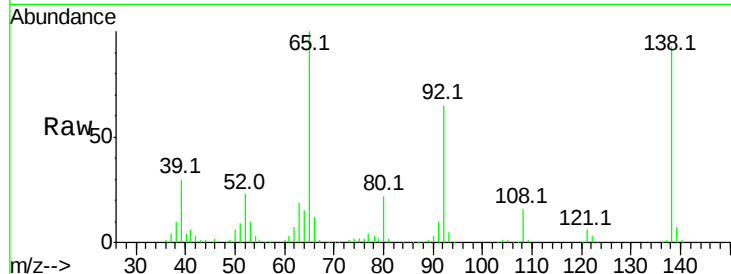
#47
2-Nitroaniline
Concen: 38.10 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	92.9	76.8	115.2

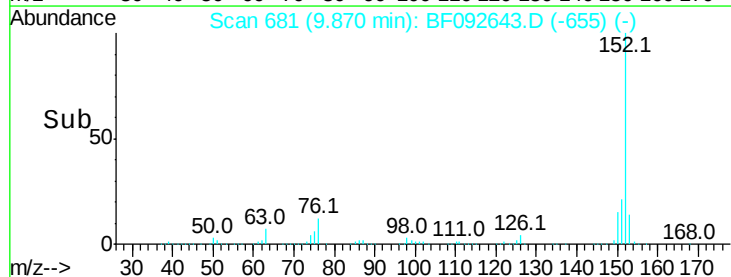
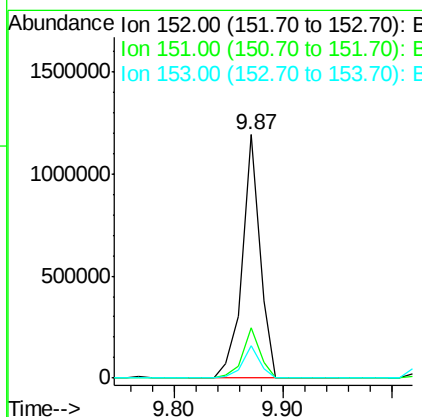
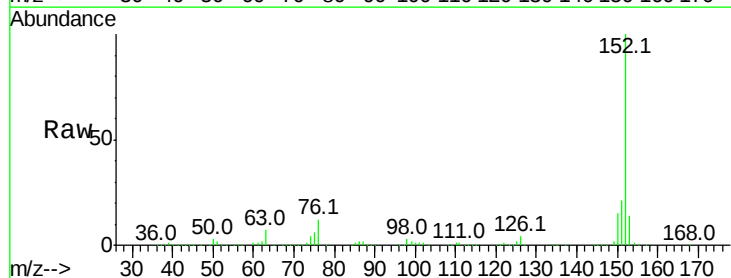
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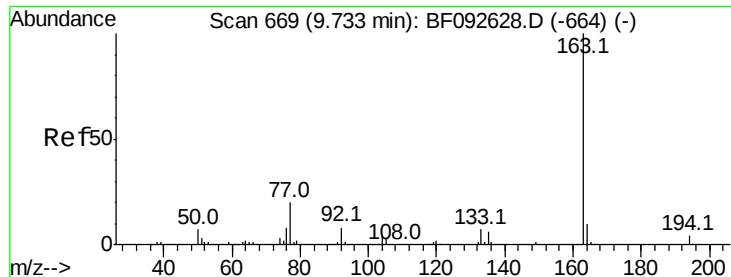
mohammad
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#48
Acenaphthylene
Concen: 36.10 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.5	11.4	17.2





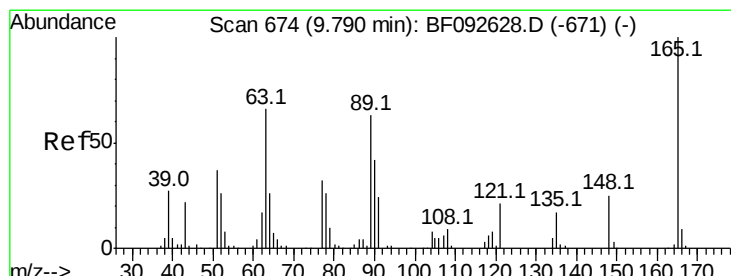
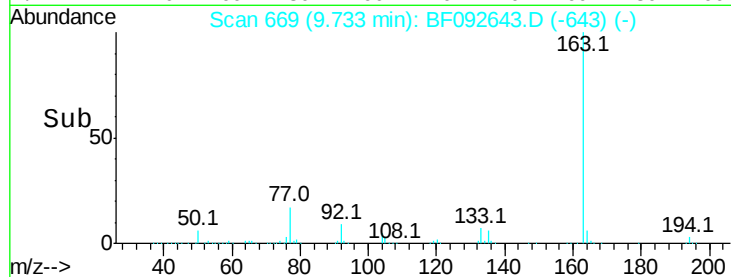
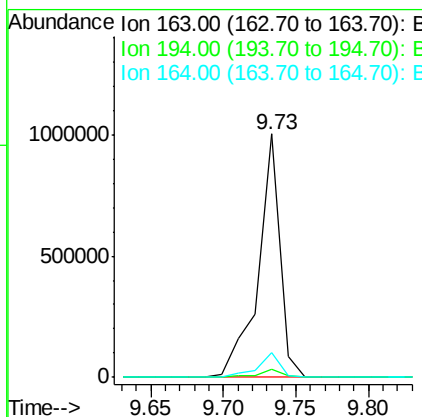
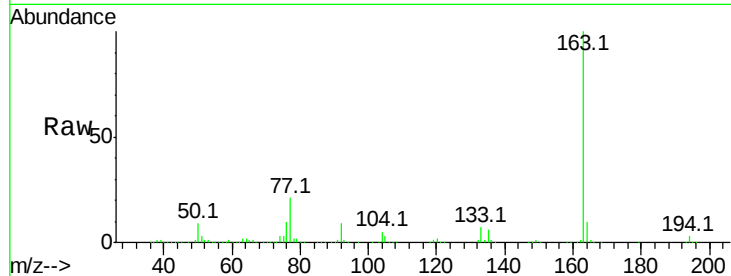
#49
Dimethylphthalate
Concen: 40.89 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0

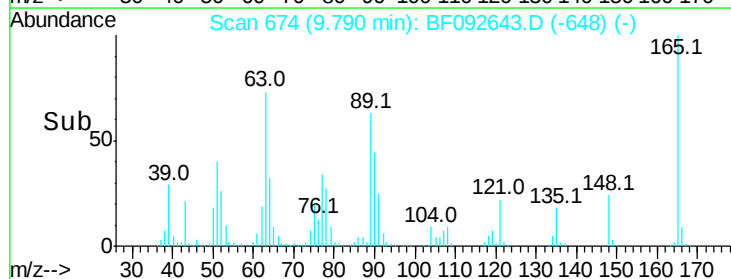
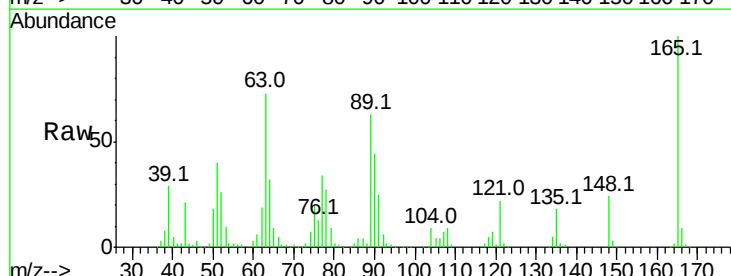
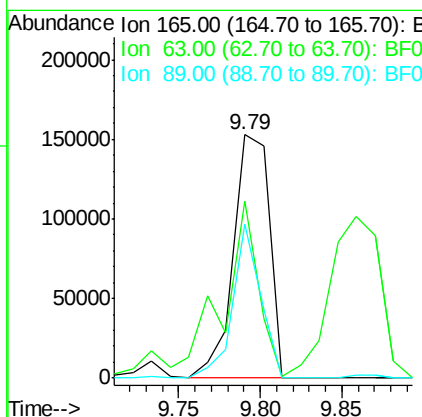
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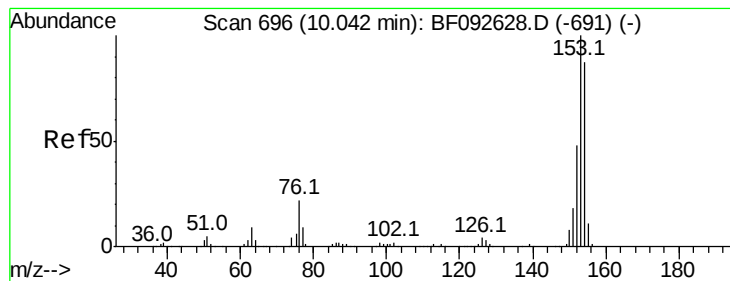
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.24 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.6	36.2	54.4#
89	63.3	40.2	60.4#





#51

Acenaphthene

Concen: 40.83 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tot Ion:154 Resp: 903948

Ion Ratio Lower Upper

154 100

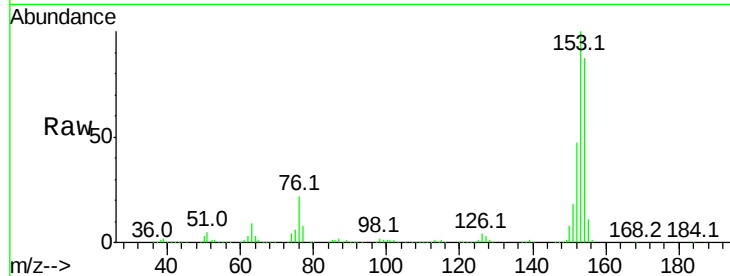
153 115.3 88.6 133.0

152 54.2 41.6 62.4

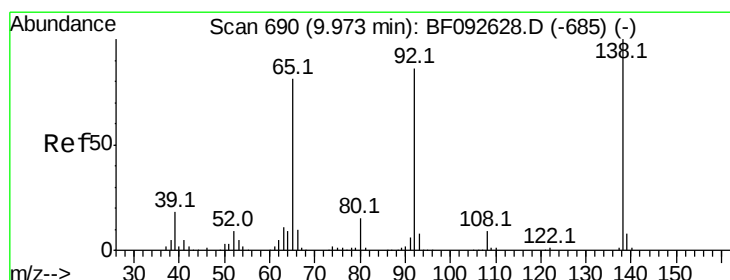
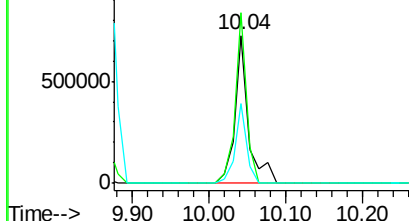
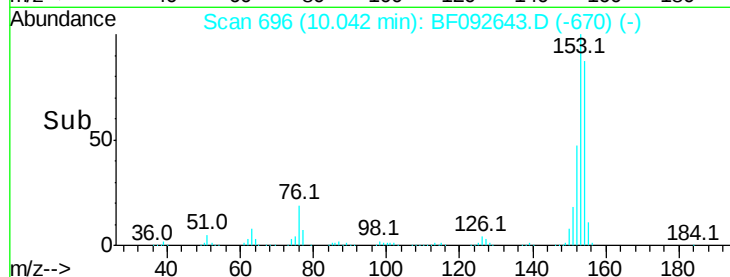
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.08 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

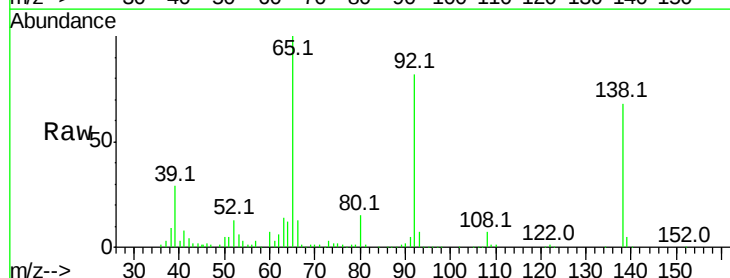
Tgt Ion:138 Resp: 139088

Ion Ratio Lower Upper

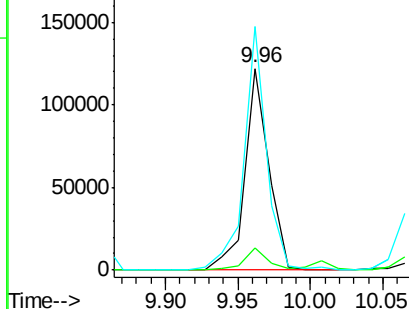
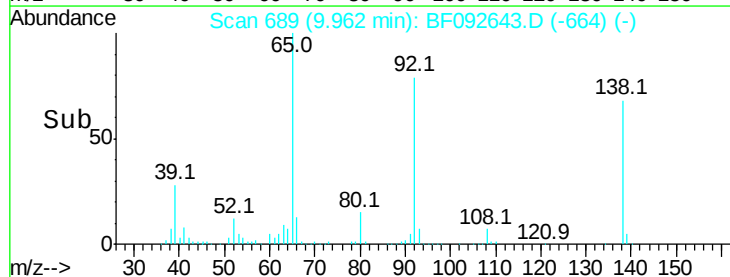
138 100

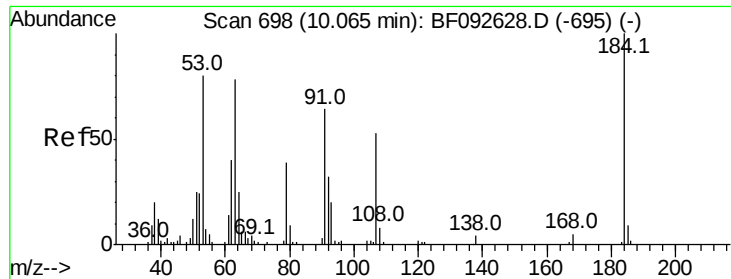
108 10.8 8.5 12.7

92 120.7 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





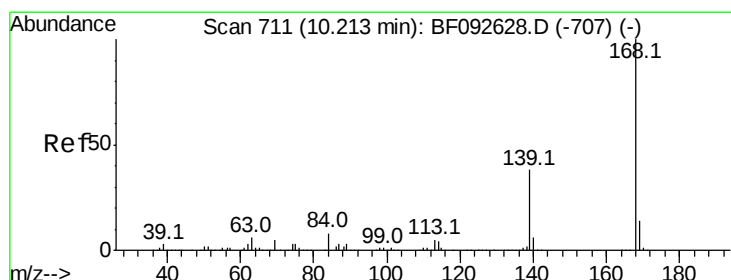
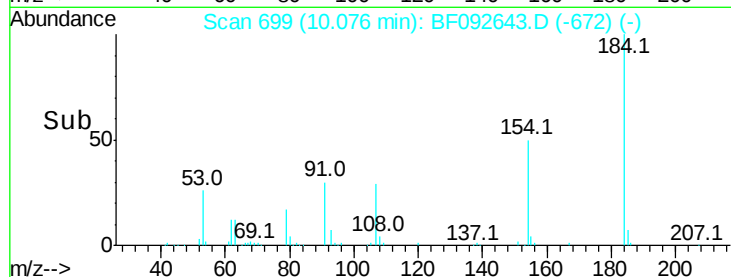
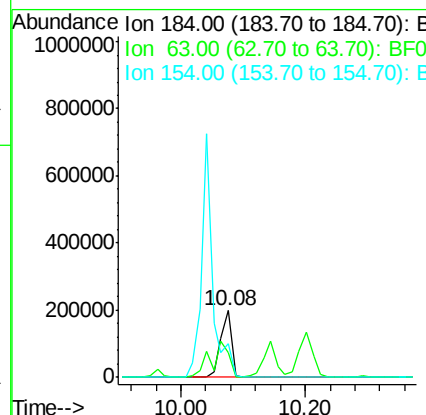
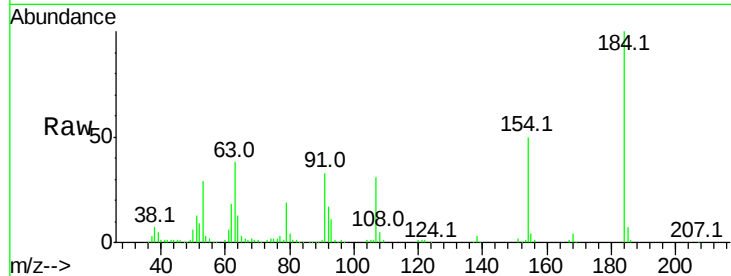
#53
2,4-Dinitrophenol
Concen: 85.52 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	240405		
63	37.6		28.4	42.6
154	50.1		44.3	66.5

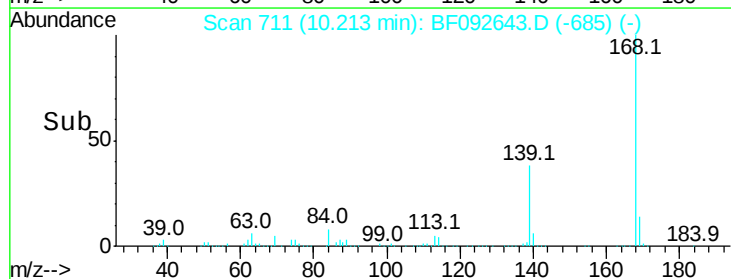
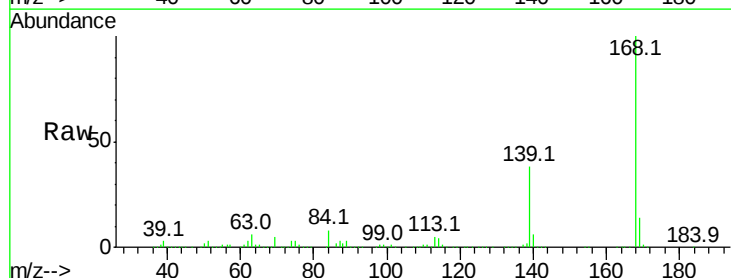
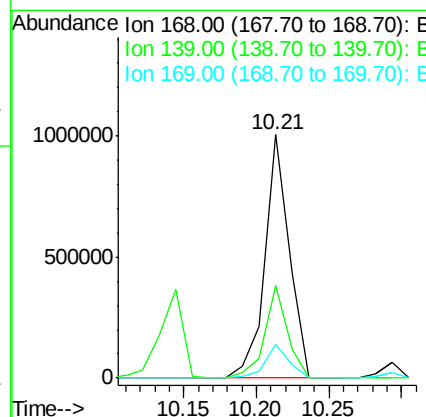
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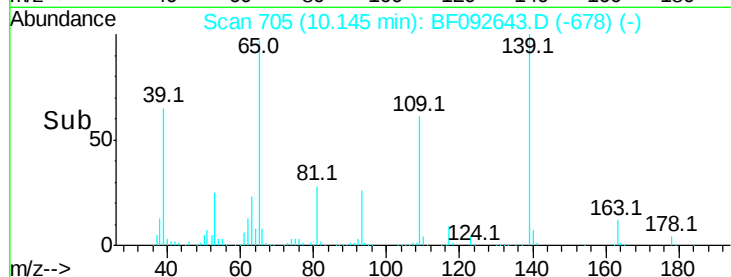
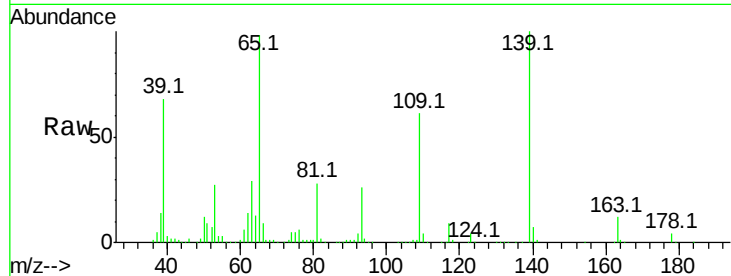
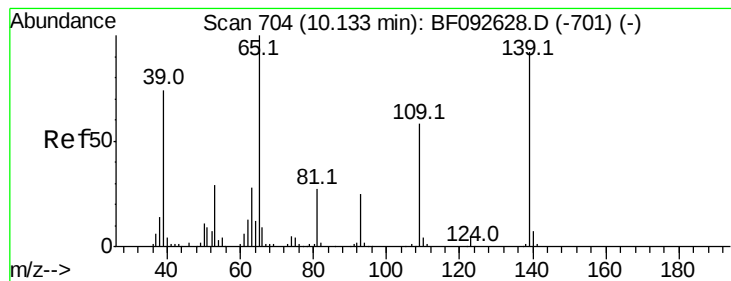
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#54
Dibenzofuran
Concen: 39.43 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1167312		
139	38.1		32.6	49.0
169	13.8		11.3	16.9





#55

4-Nitrophenol

Concen: 89.24 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tot Ion:	139	Resp:	404865
Ion Ratio	Lower	Upper	
139	100		
109	61.0	52.2	92.2
65	97.7	85.8	125.8

Instrument :

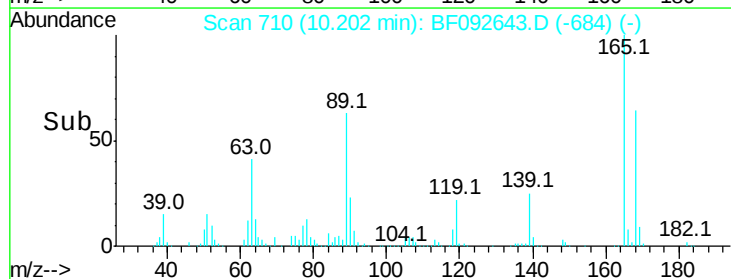
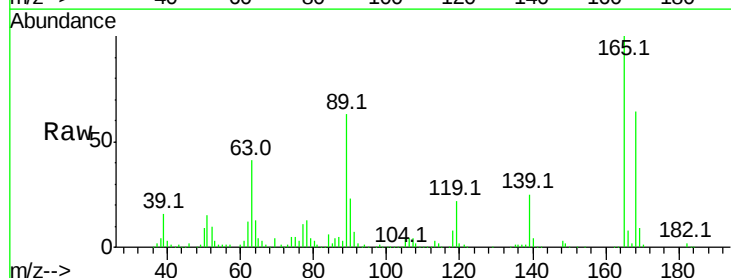
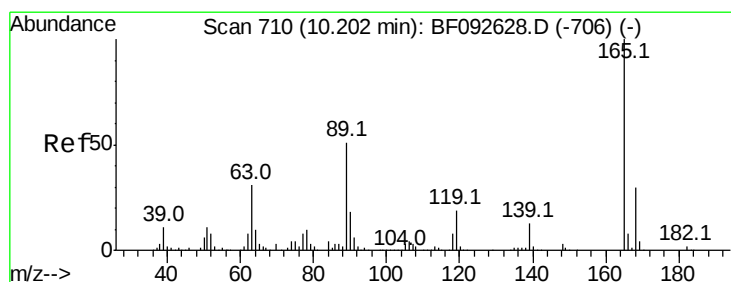
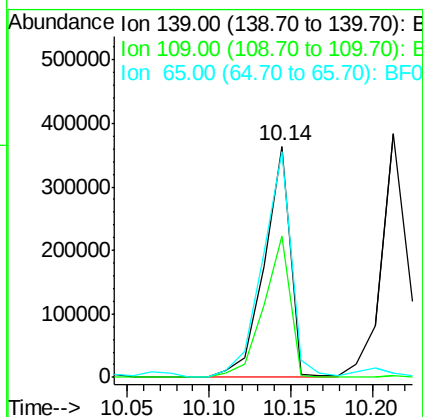
BNA_F

ClientSampleId :

PB96532BS

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#56

2,4-Dinitrotoluene

Concen: 45.76 ng

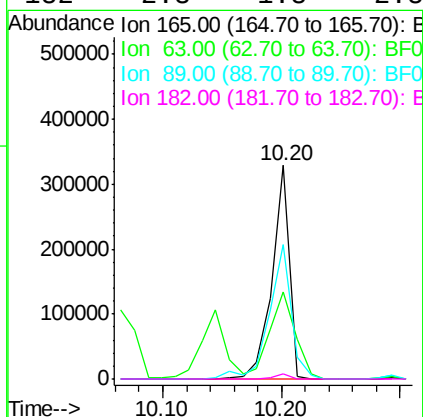
RT: 10.20 min Scan# 710

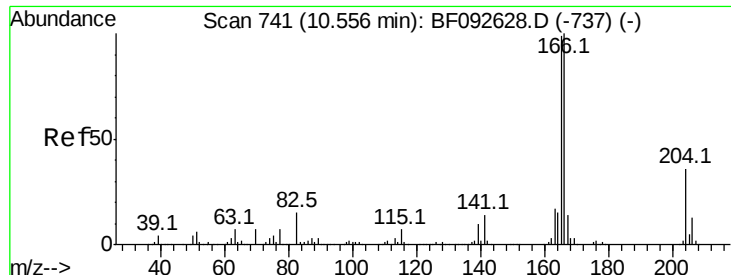
Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	165	Resp:	335339
Ion Ratio	Lower	Upper	
165	100		
63	40.7	40.2	60.4
89	63.2	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 38.15 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampled :

PB96532BS

Tot Ion:166 Resp: 868936

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

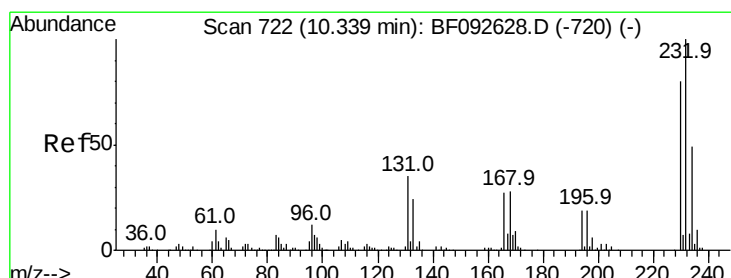
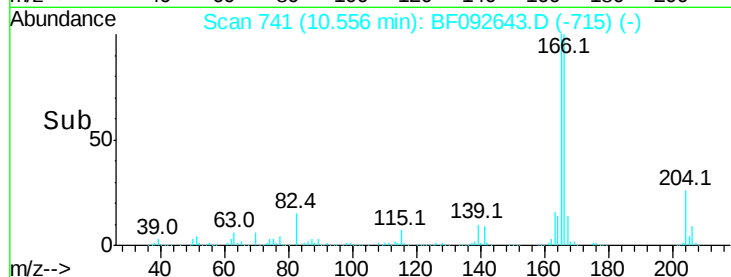
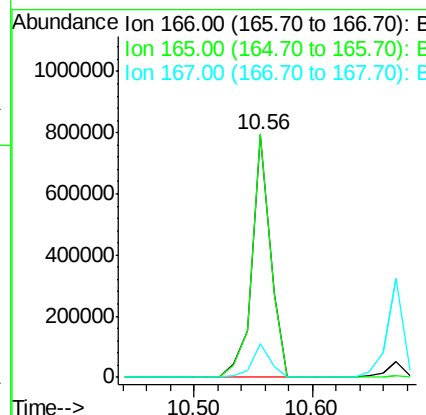
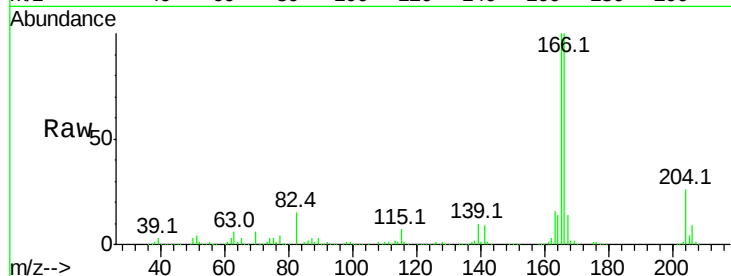
167 13.8 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.26 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:232 Resp: 246158

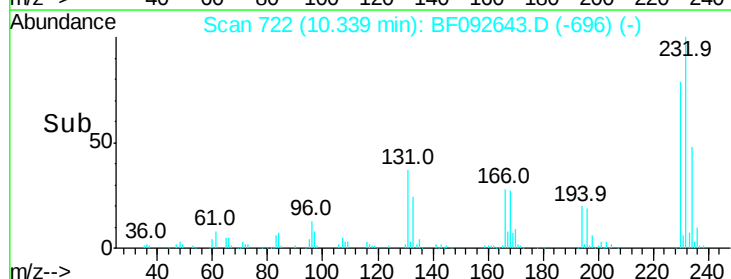
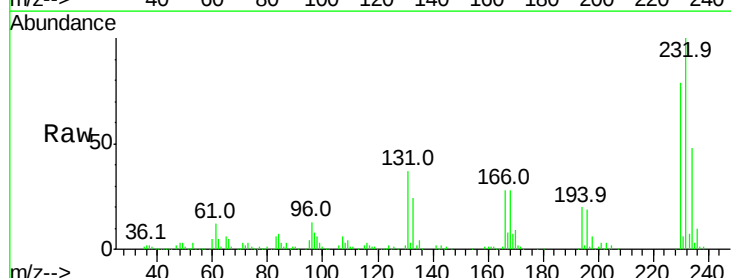
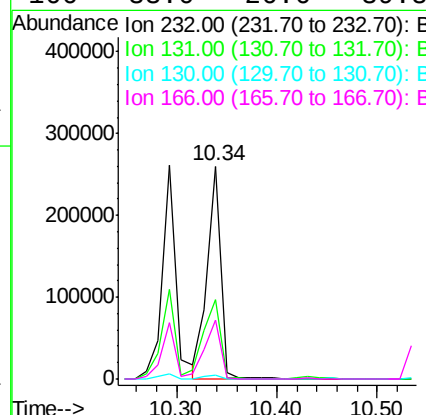
Ion Ratio Lower Upper

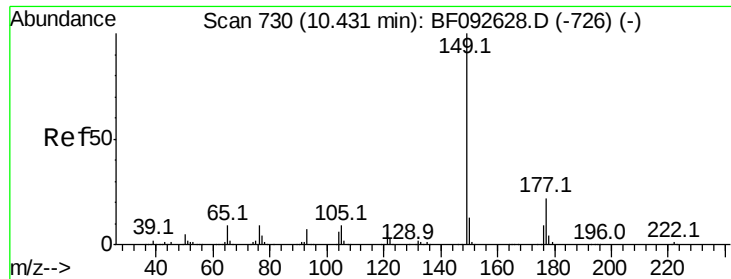
232 100

131 45.0 40.1 60.1

130 2.3 1.8 2.8

166 33.0 26.6 39.8





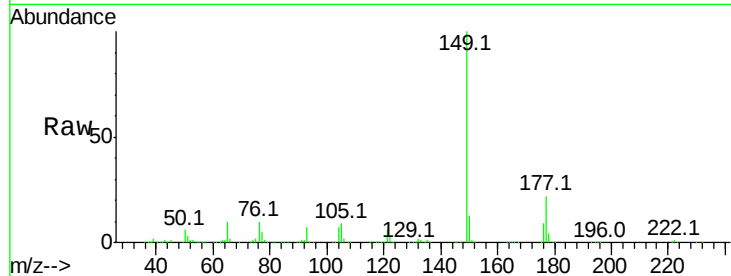
#59
Diethylphthalate
Concen: 41.51 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampled :
PB96532BS

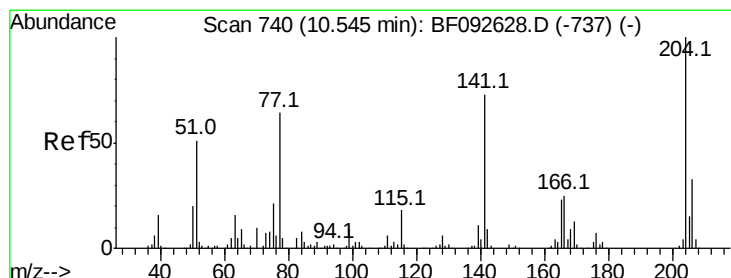
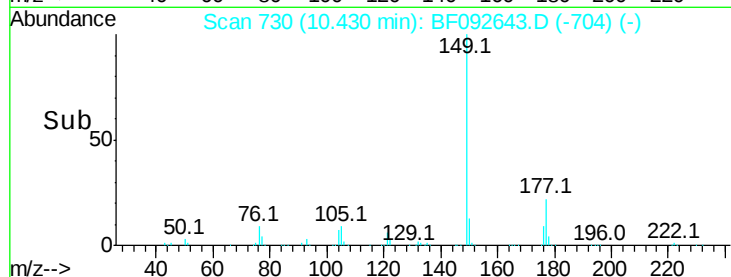
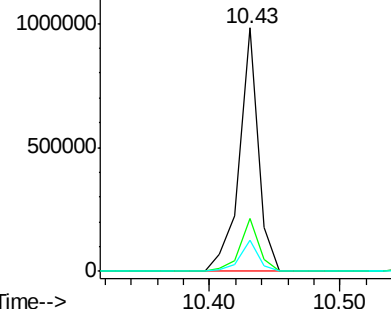
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.7	16.6	25.0	
150	12.9	10.4	15.6	

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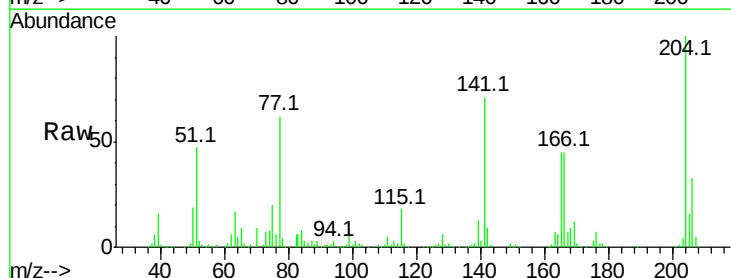


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

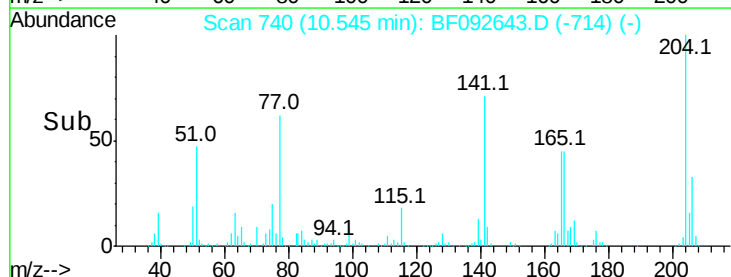
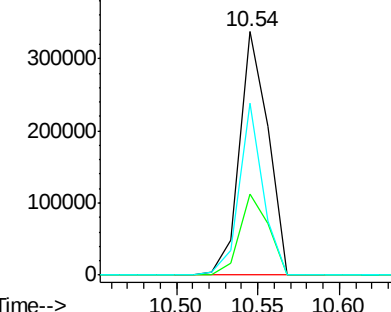


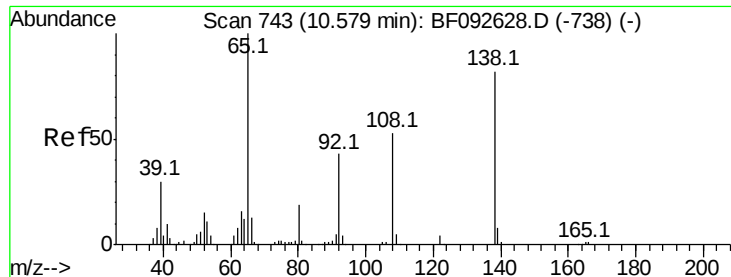
#60
4-Chlorophenyl-phenylether
Concen: 37.36 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	25.8	38.6	
141	70.8	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





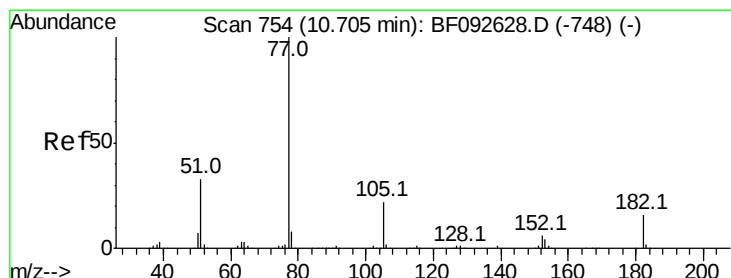
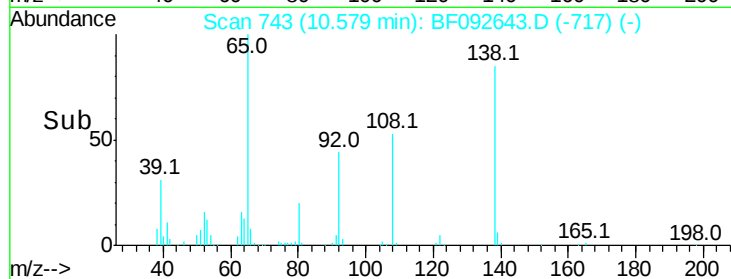
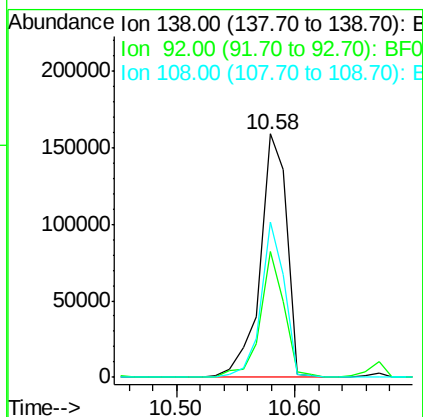
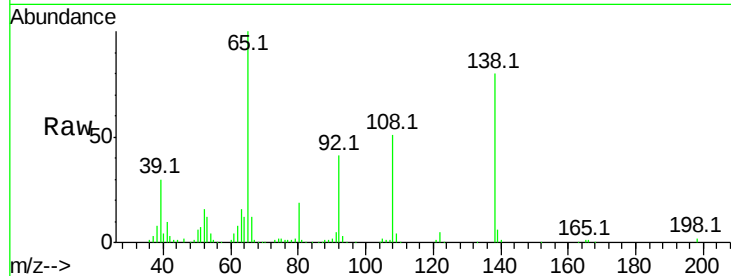
#61
4-Nitroaniline
Concen: 38.68 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.7	71.7
108	63.9	52.6	92.6

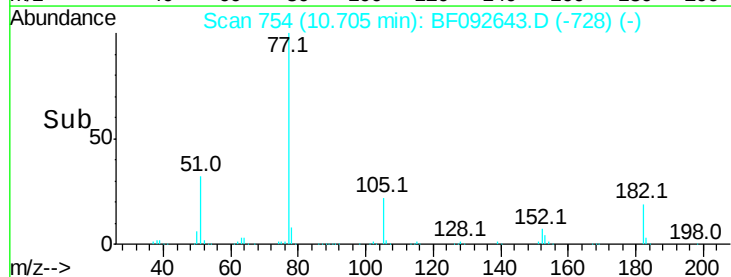
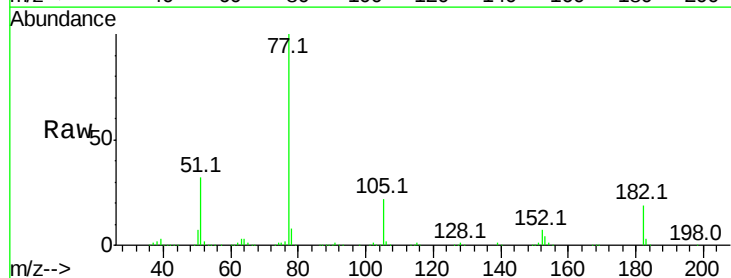
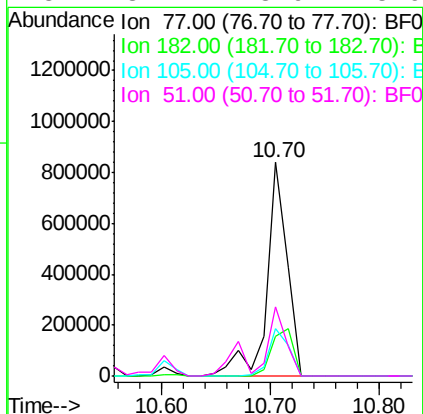
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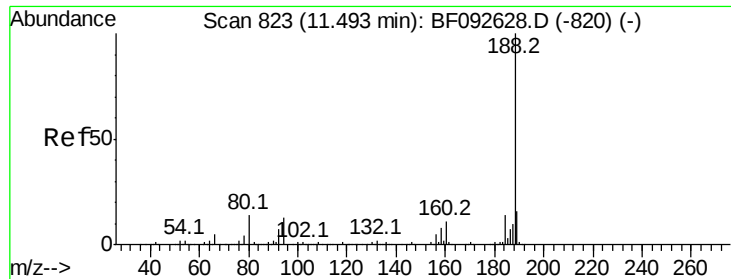
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#62
Azobenzene
Concen: 44.02 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	39.3
105	22.4	2.3	42.3
51	32.4	8.9	48.9





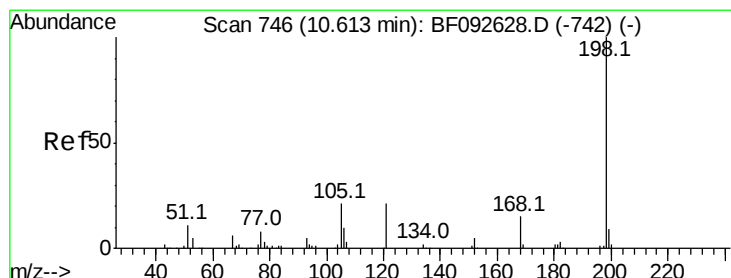
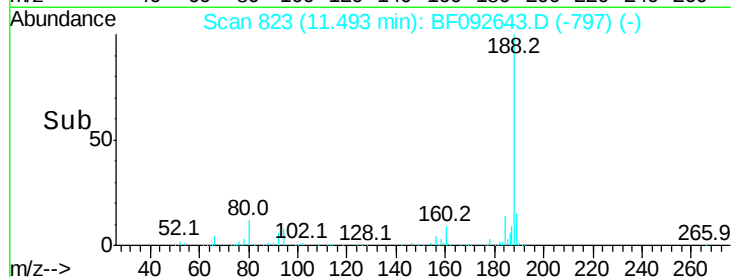
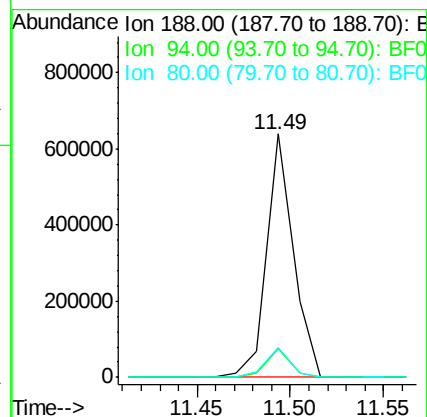
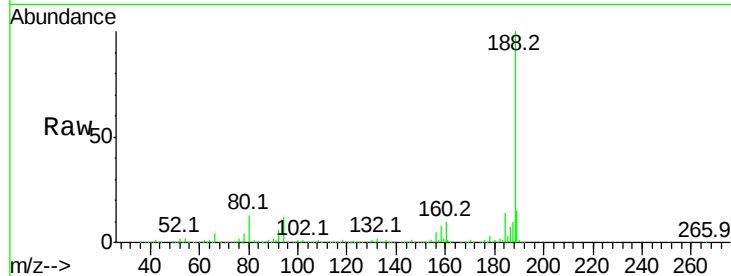
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	630052		
94	11.7		10.0	15.0
80	12.5		11.2	16.8

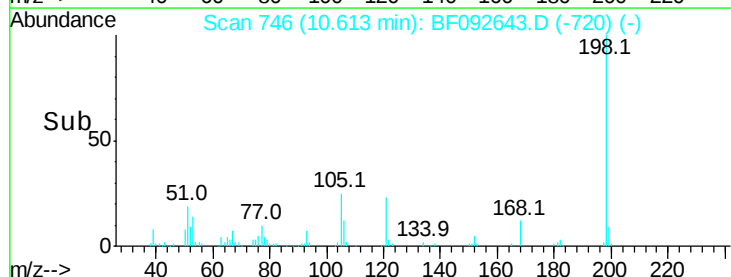
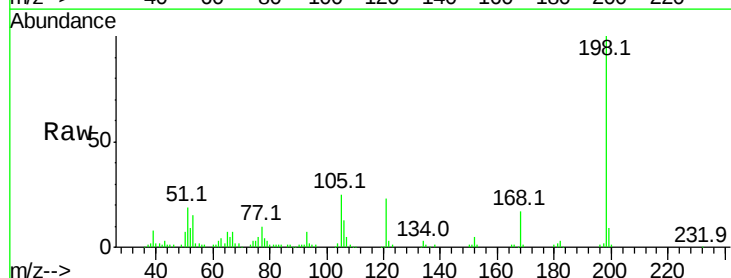
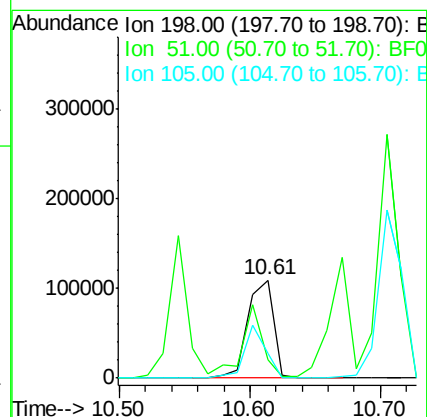
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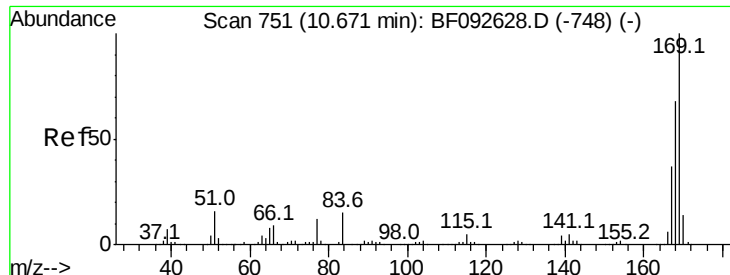
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.99 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	151534		
51	19.1		6.7	46.7
105	24.7		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 41.09 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

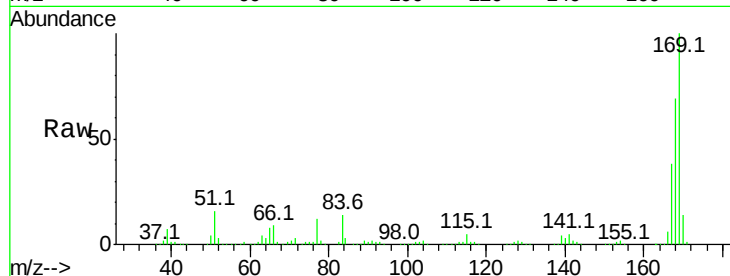
ClientSampleId :

PB96532BS

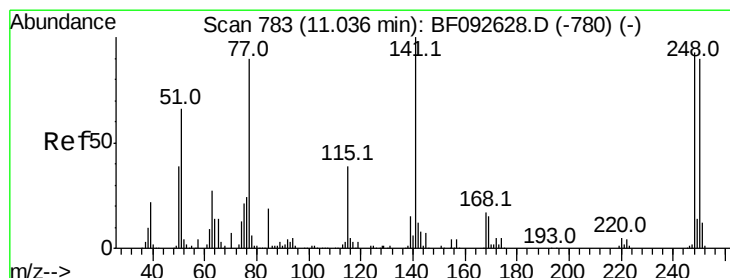
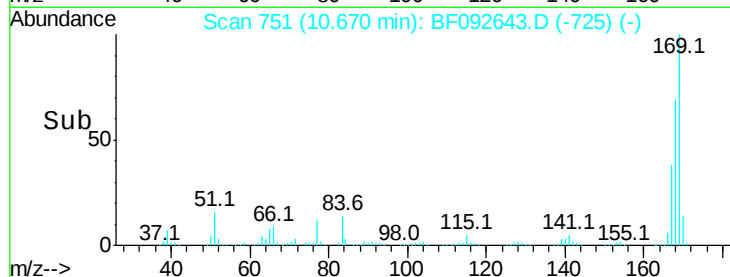
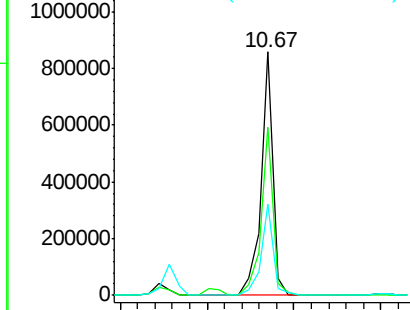
Tot Ion:	169	Resp:	827075
Ion Ratio	Lower	Upper	
169	100		
168	69.0	54.2	81.2
167	37.6	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 38.30 ng

RT: 11.04 min Scan# 783

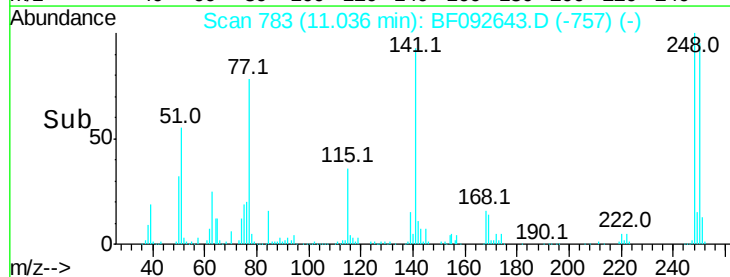
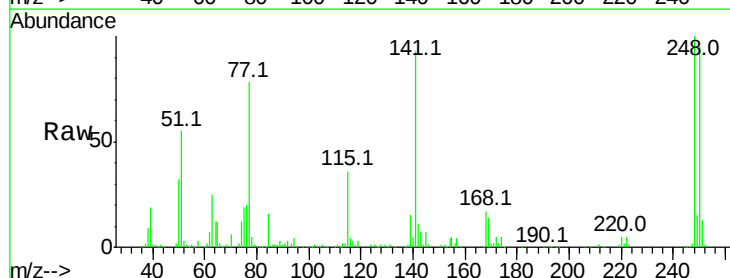
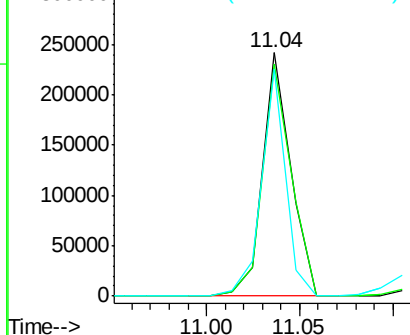
Delta R.T. -0.00 min

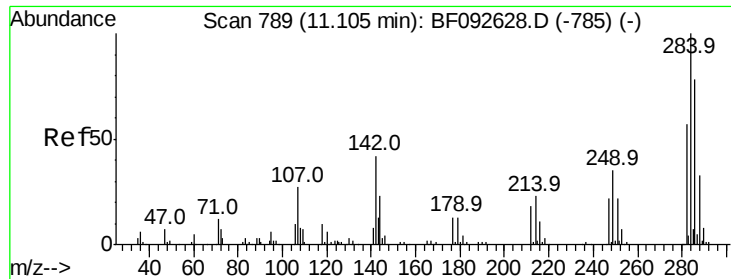
Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	248	Resp:	252088
Ion Ratio	Lower	Upper	
248	100		
250	95.1	76.9	115.3
141	93.0	68.2	102.4

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





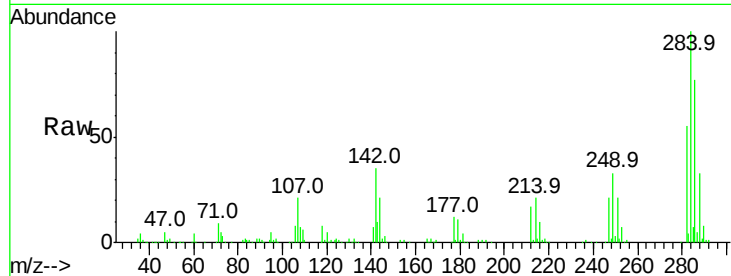
#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

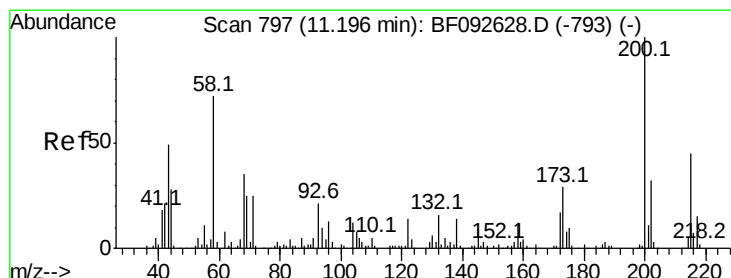
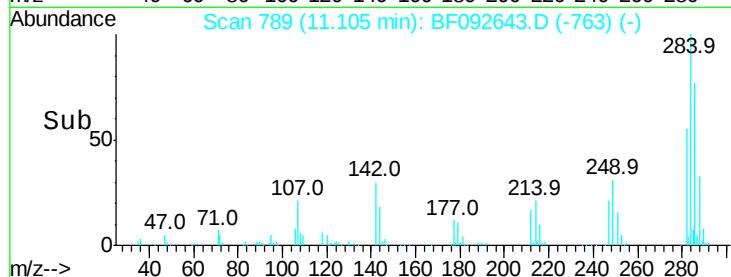
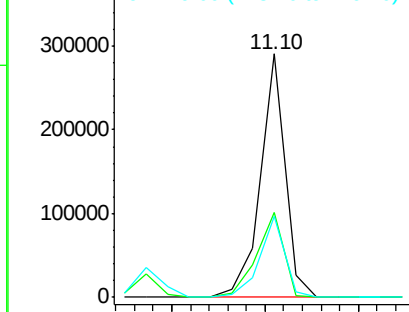
Tot Ion	Ratio	Resp	Lower	Upper
284	100	263783		
142	34.8	22.6	33.8#	
249	33.2	25.4	38.0	

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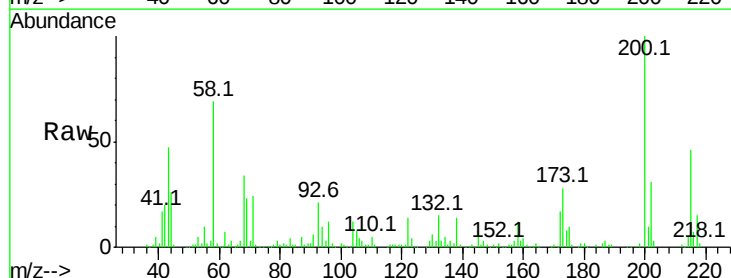


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

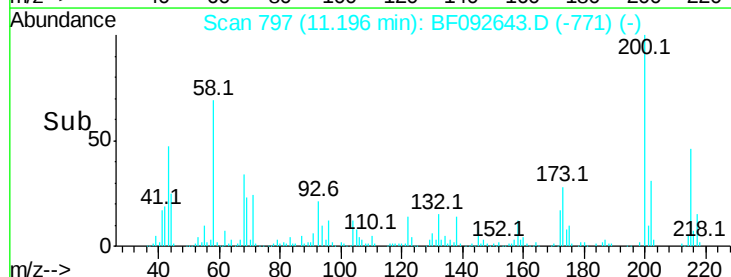
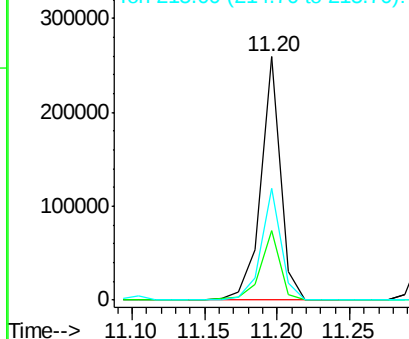


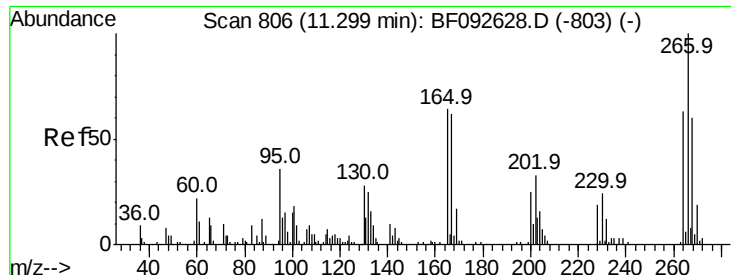
#68
Atrazine
Concen: 37.61 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	242953		
173	28.4	9.6	49.6	
215	45.9	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





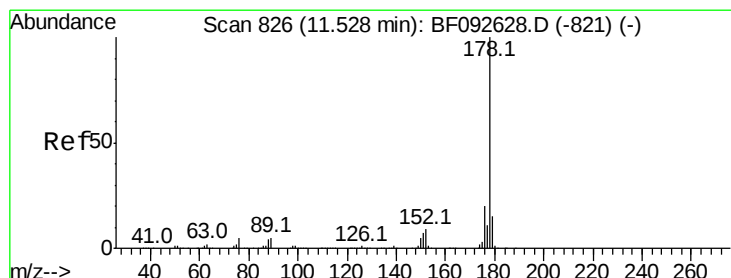
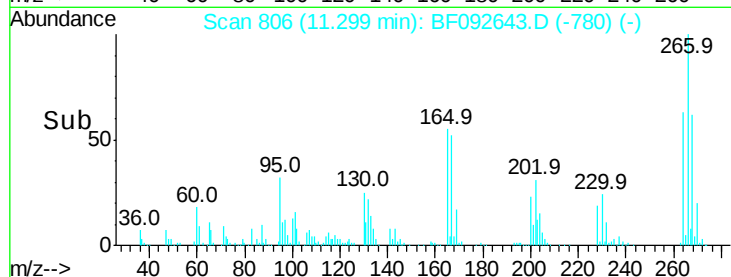
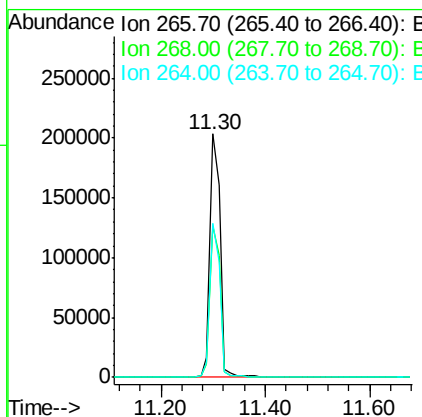
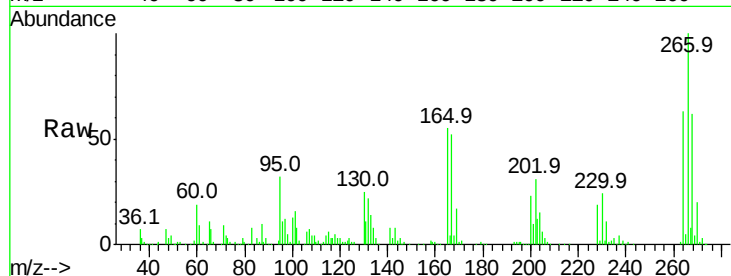
#69
 Pentachlorophenol
 Concen: 82.16 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampled :
 PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	276602		
268	62.1		53.3	79.9
264	63.2		50.3	75.5

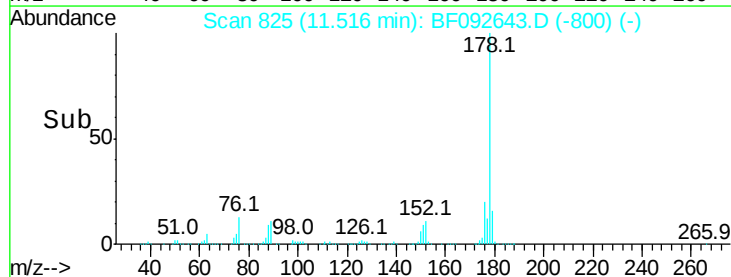
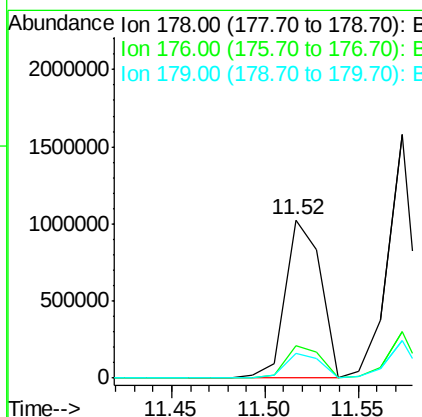
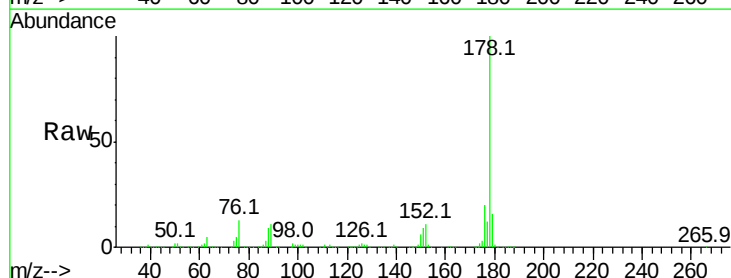
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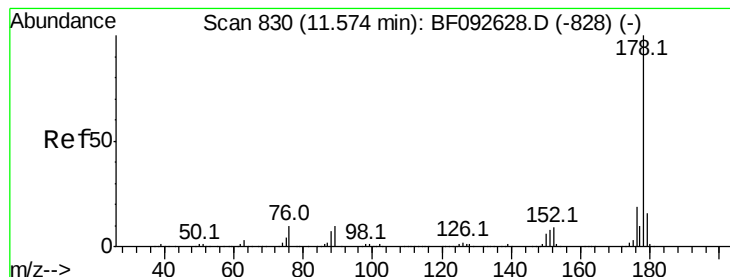
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#70
 Phenanthrene
 Concen: 37.63 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1358335		
176	20.2		16.6	25.0
179	15.9		12.8	19.2





#71

Anthracene

Concen: 39.74 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampleId :

PB96532BS

Tot Ion:178 Resp: 1440725

Ion Ratio Lower Upper

178 100

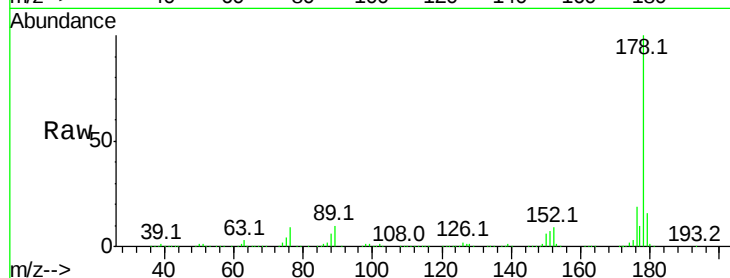
176 19.3 15.9 23.9

179 15.5 13.2 19.8

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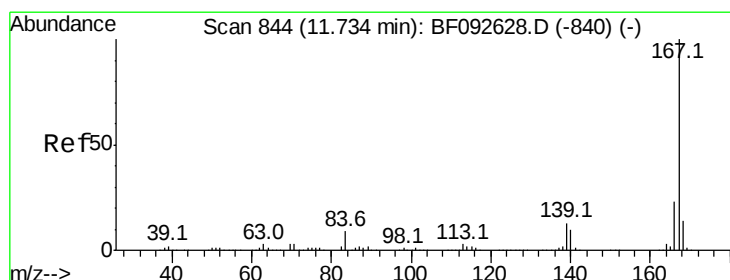
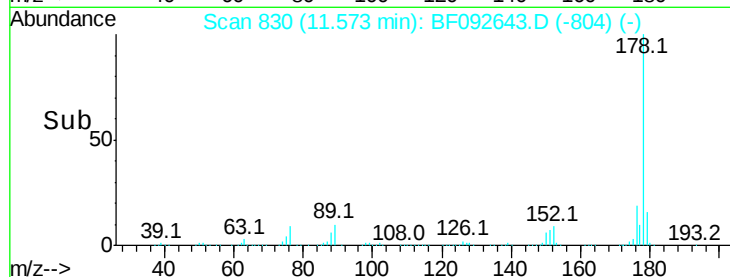
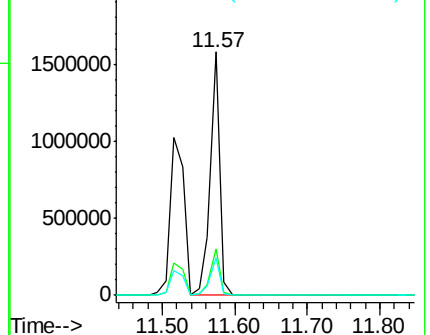
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.87 ng

RT: 11.73 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

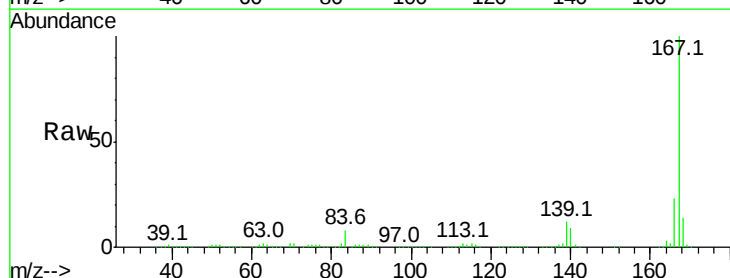
Tgt Ion:167 Resp: 1381417

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

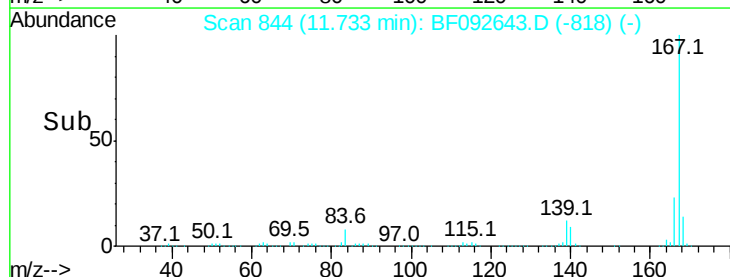
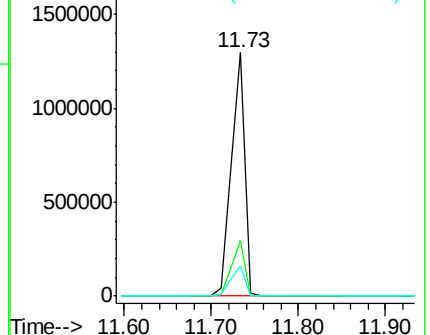
139 12.5 11.4 17.2

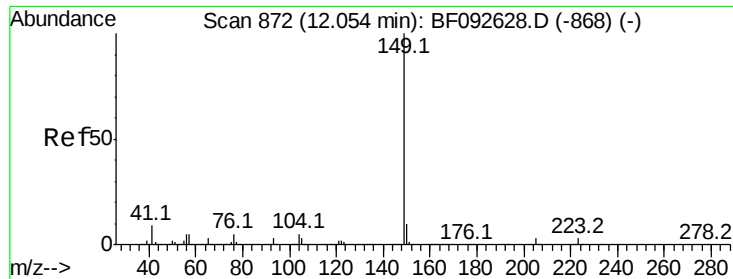


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





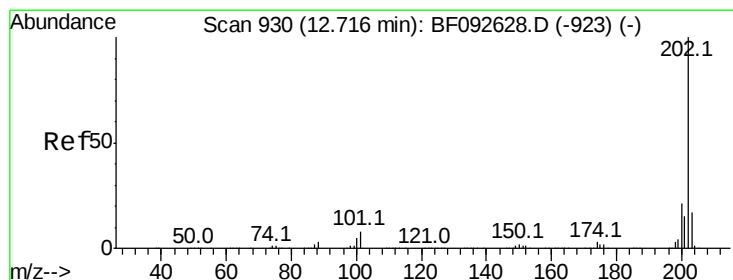
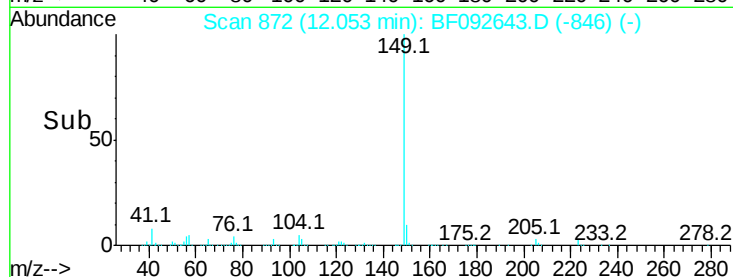
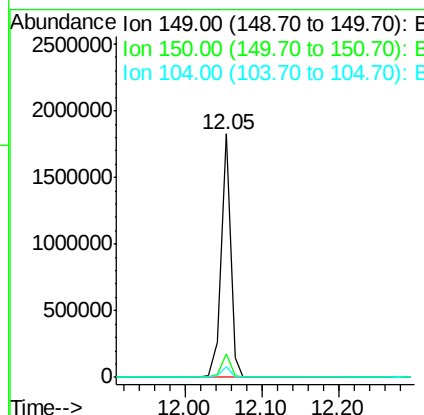
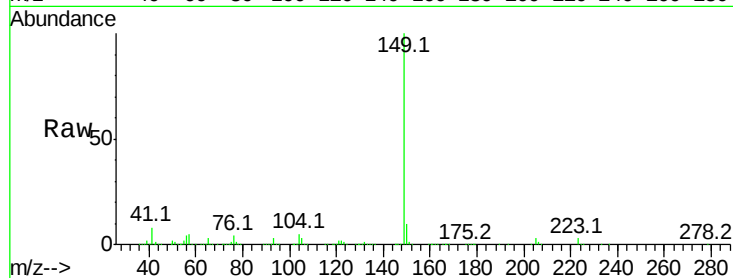
#73
Di-n-butylphthalate
Concen: 41.24 ng
RT: 12.05 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleID :
PB96532BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.6	4.6	7.0

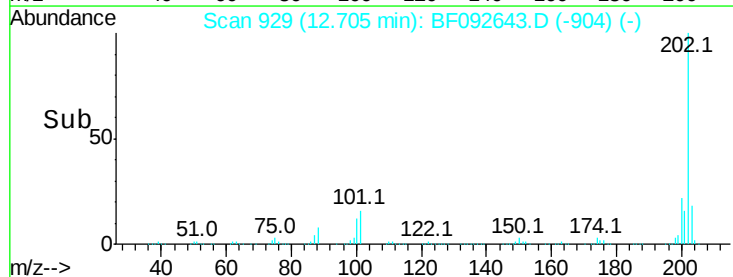
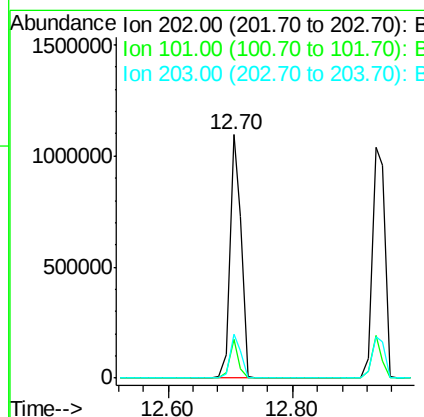
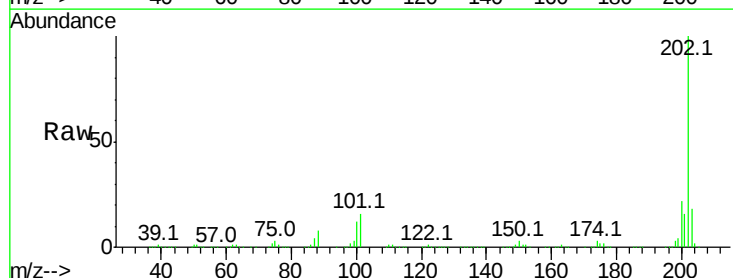
Manual Integrations
APPROVED

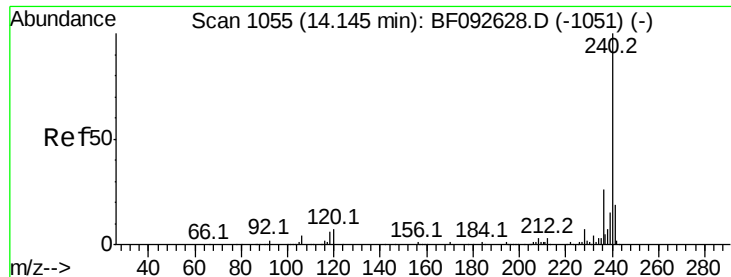
mohammad
1/31/2017 4:45:34 PM



#74
Fluoranthene
Concen: 36.10 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.6
203	18.1	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: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

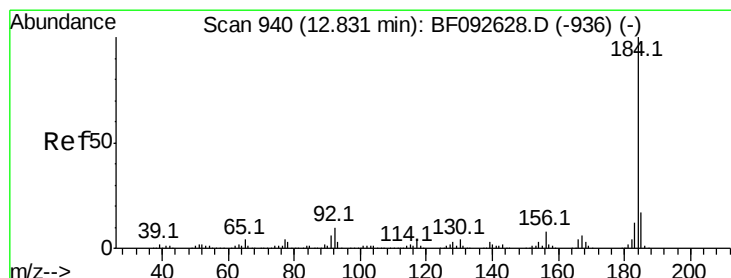
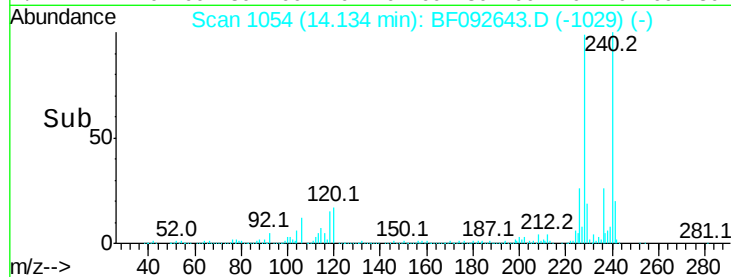
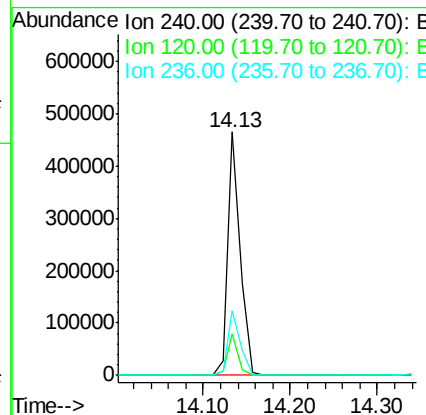
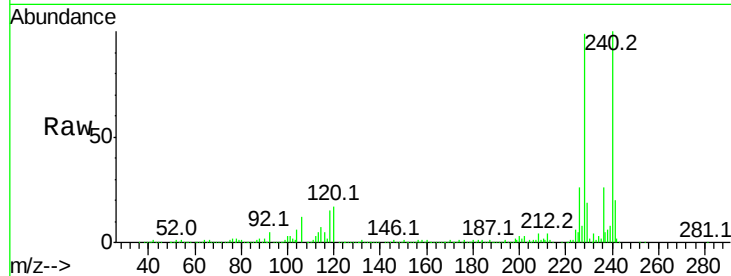
ClientSampleId :

PB96532BS

Tot Ion:	240	Resp:	465845
Ion Ratio	Lower	Upper	
240	100		
120	17.2	12.9	19.3
236	26.3	20.9	31.3

Manual Integrations
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1/31/2017 4:45:34 PM



#76

Benzidine

Concen: 13.62 ng

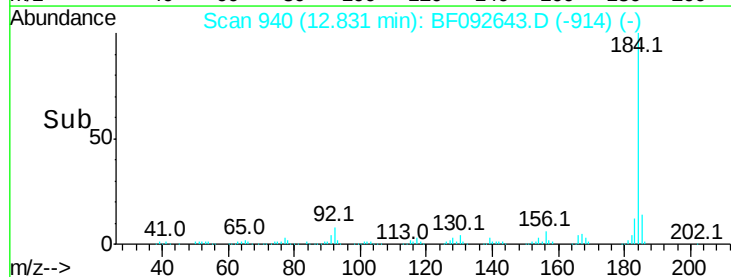
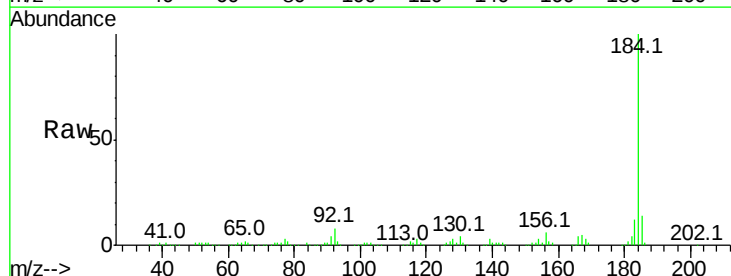
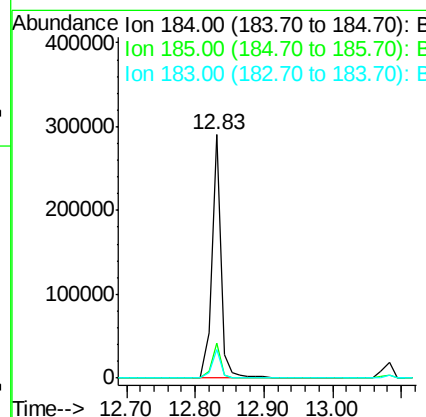
RT: 12.83 min Scan# 940

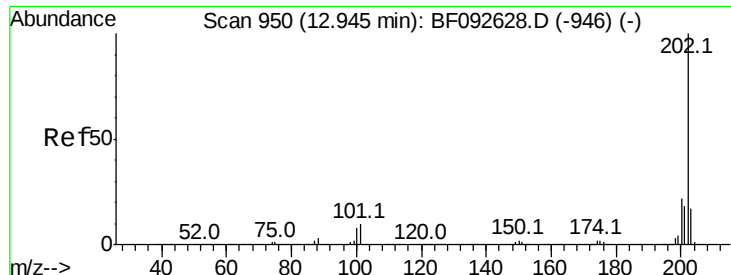
Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Tgt Ion:	184	Resp:	270396
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.0
183	12.0	9.2	13.8





#77

Pvrene

Concen: 41.42 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

Instrument :

BNA_F

ClientSampled :

PB96532BS

Tot Ion:202 Resp: 1443836

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

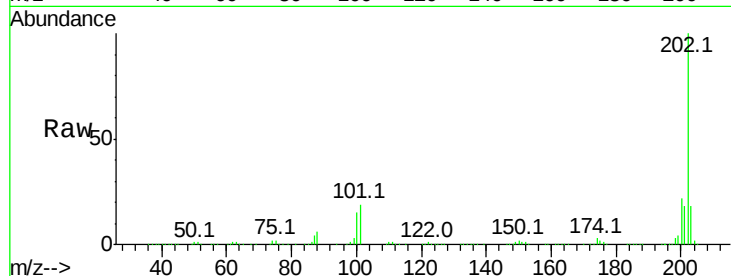
203 17.9 14.7 22.1

Manual Integrations

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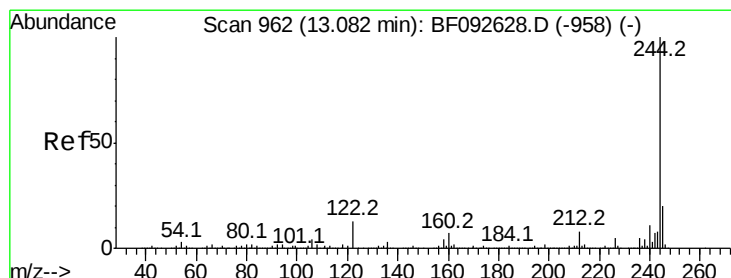
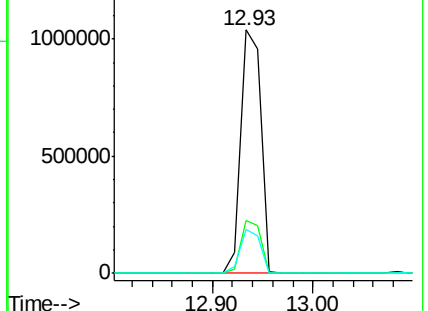
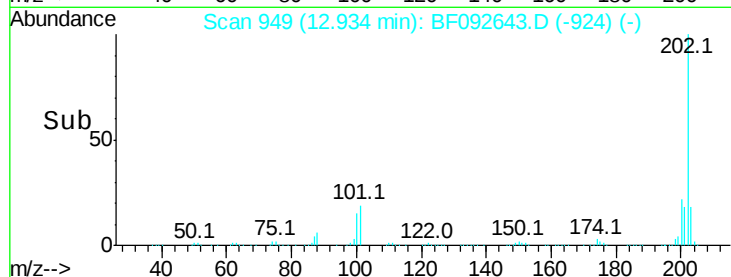
1/31/2017 4:45:34 PM



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: 74.86 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092643.D

Acq: 30 Jan 2017 19:43

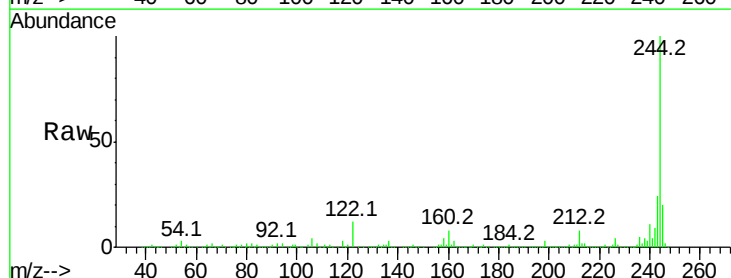
Tgt Ion:244 Resp: 1484088

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

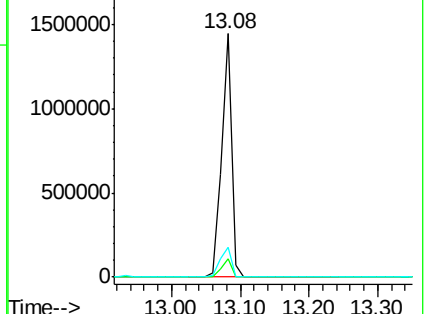
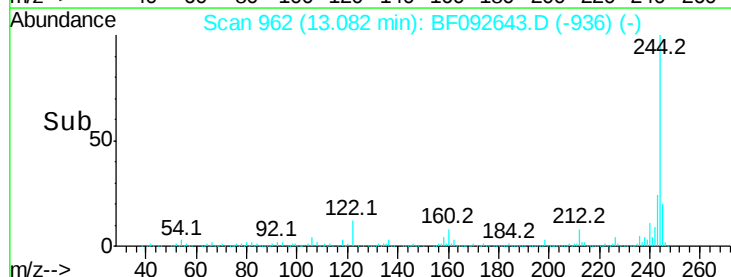
122 12.3 11.4 17.2

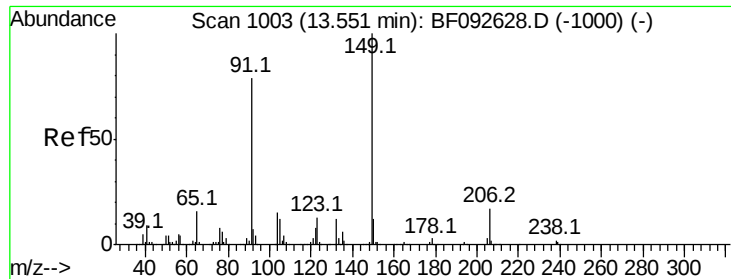


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





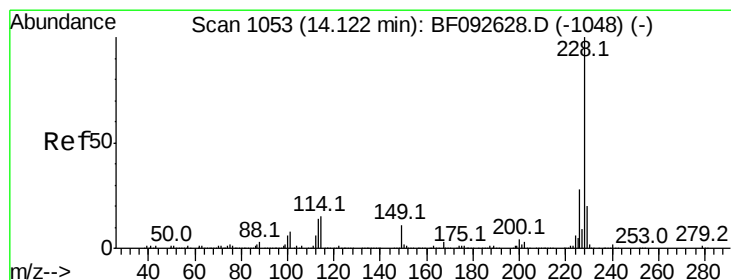
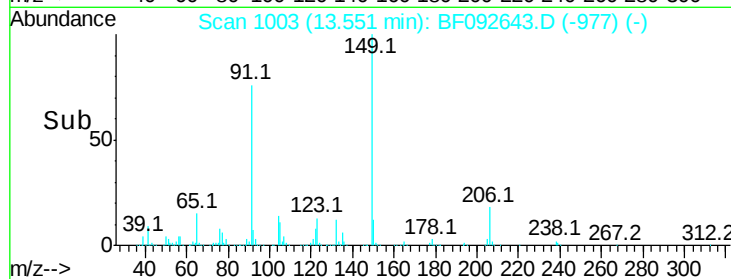
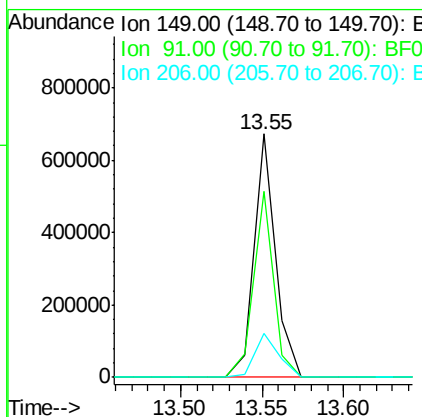
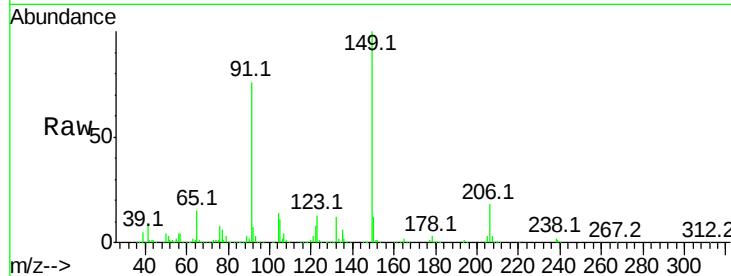
#79
Butylbenzylphthalate
Concen: 43.22 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.5	63.9	95.9
206	18.0	14.6	21.8

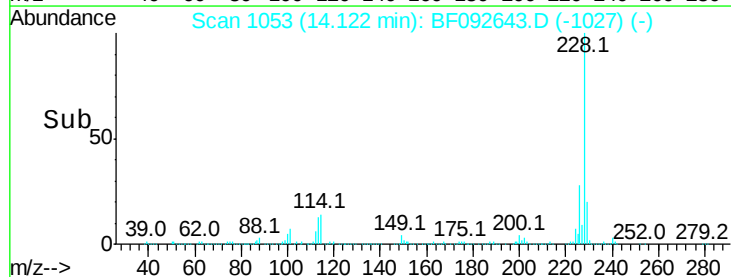
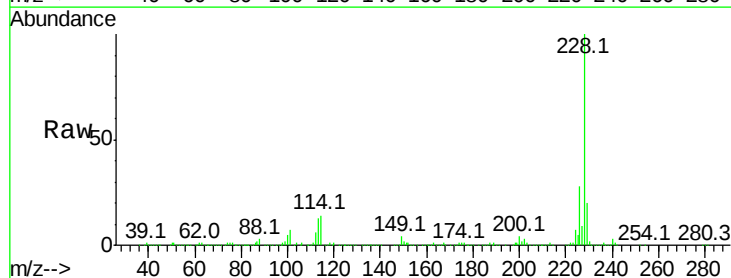
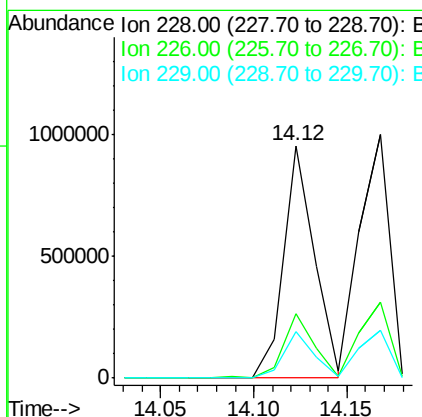
Manual Integrations
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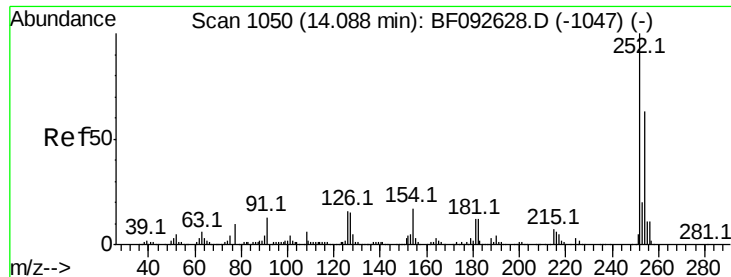
mohammad
1/31/2017 4:45:34 PM



#80
Benzo(a)anthracene
Concen: 38.55 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.9	16.2	24.4





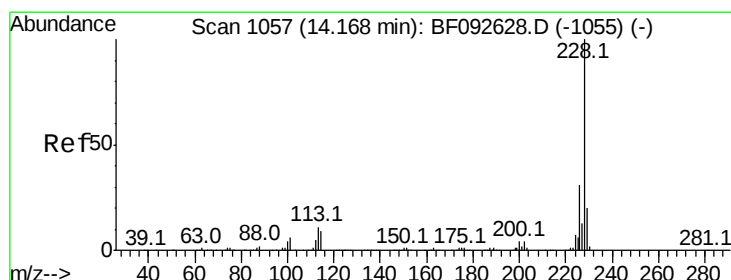
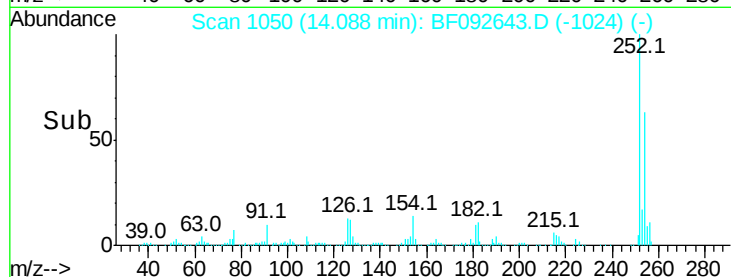
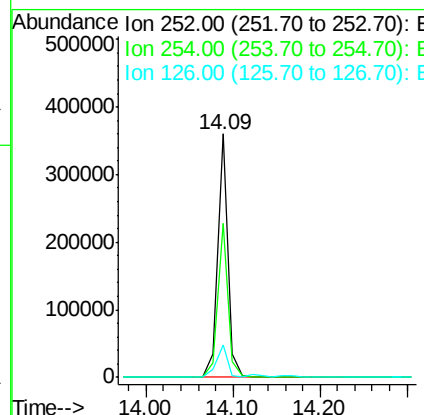
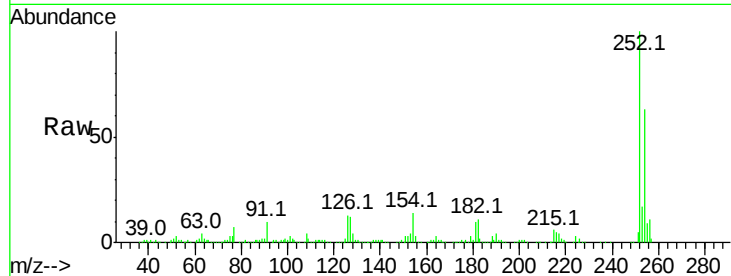
#81
 3,3'-Dichlorobenzidine
 Concen: 29.43 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298893		
254	63.3	52.3	78.5	
126	13.1	13.6	20.4	

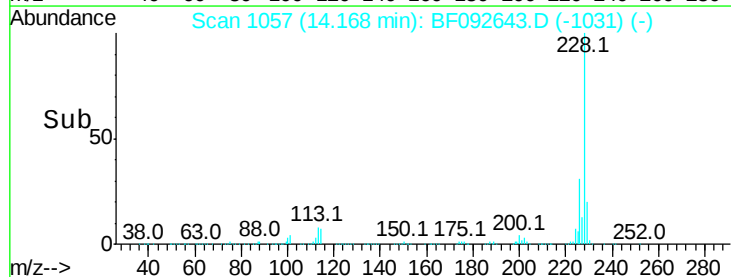
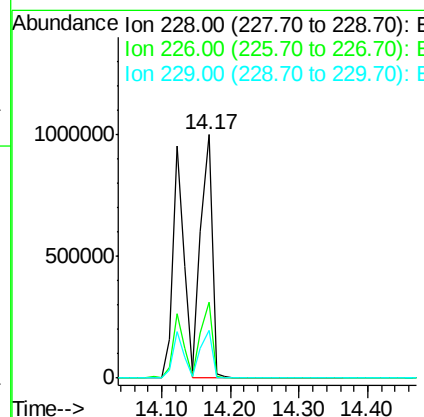
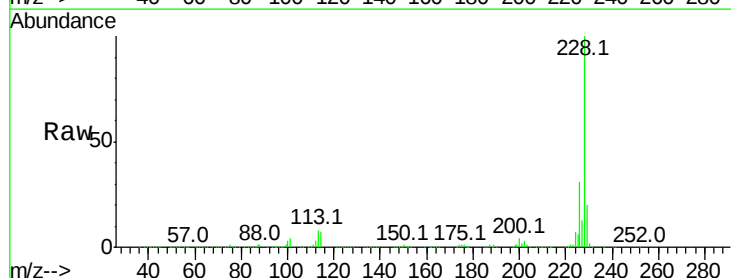
Manual Integrations
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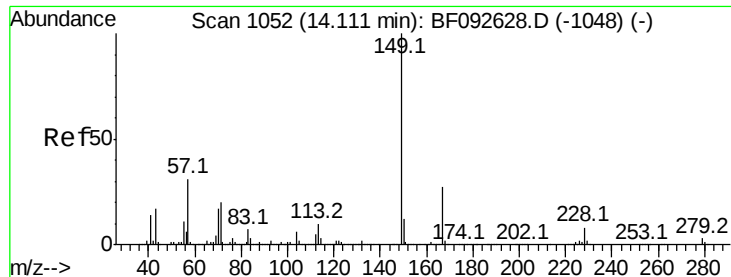
mohammad
 1/31/2017 4:45:34 PM



#82
 Chrysene
 Concen: 42.17 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1124900		
226	31.1	25.4	38.0	
229	19.8	16.2	24.2	





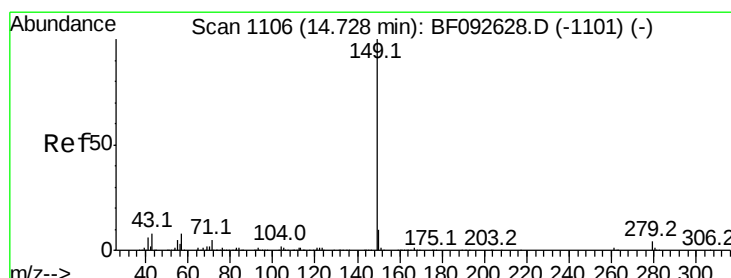
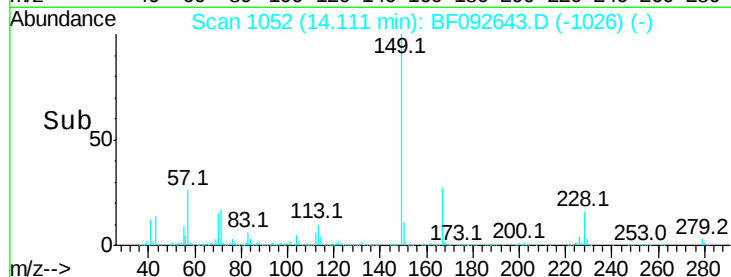
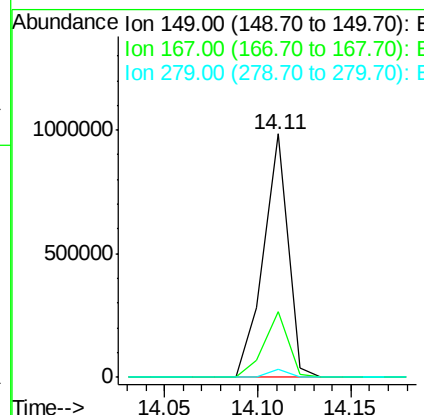
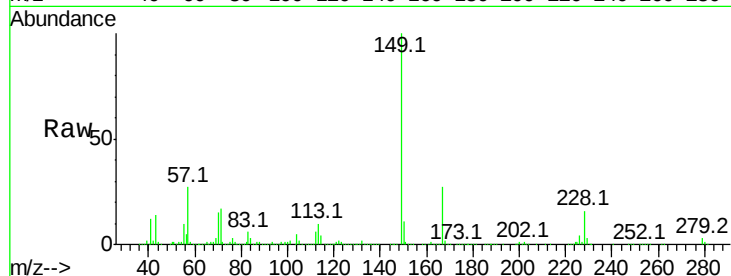
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.39 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	898126		
167	27.0		20.2	30.4
279	3.4		1.8	2.8#

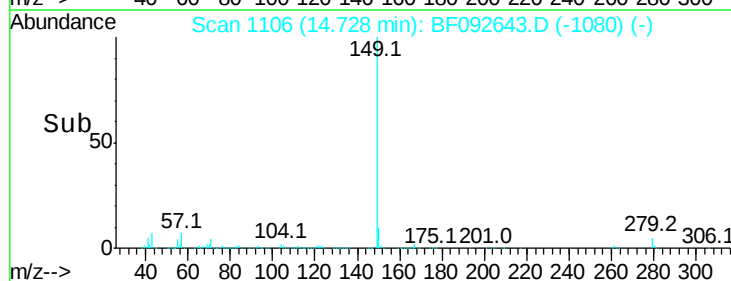
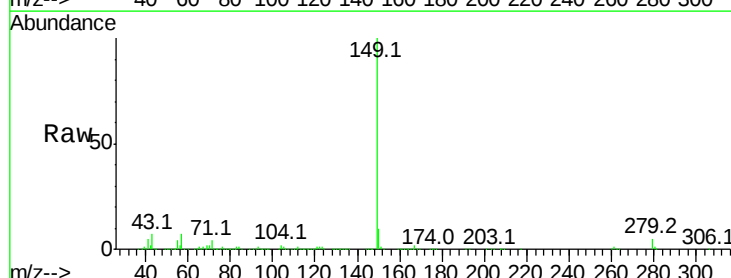
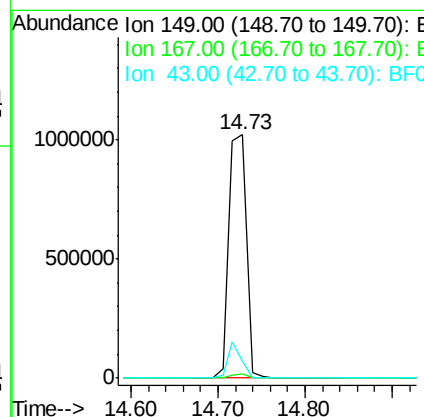
Manual Integrations
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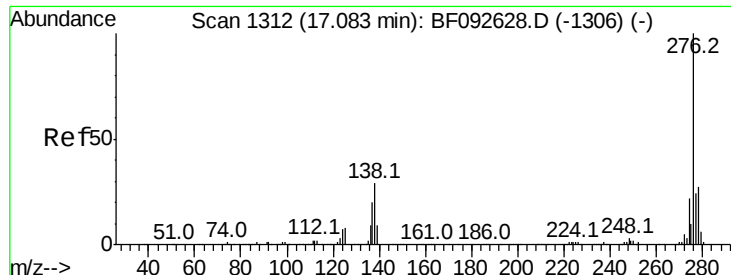
mohammad
 1/31/2017 4:45:34 PM



#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 14.73 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1436106		
167	1.5		1.3	1.9
43	11.3		8.9	13.3





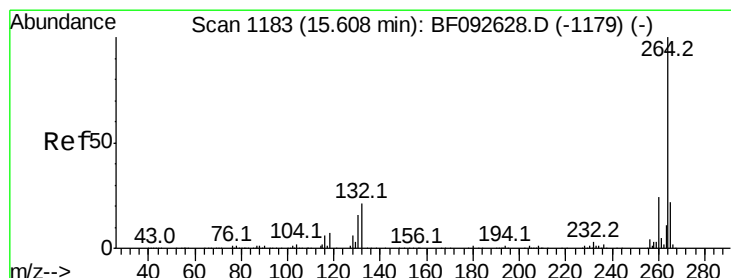
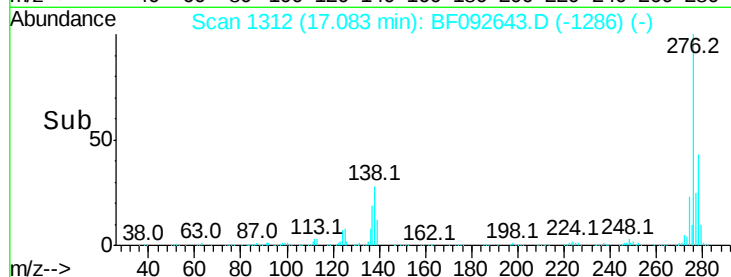
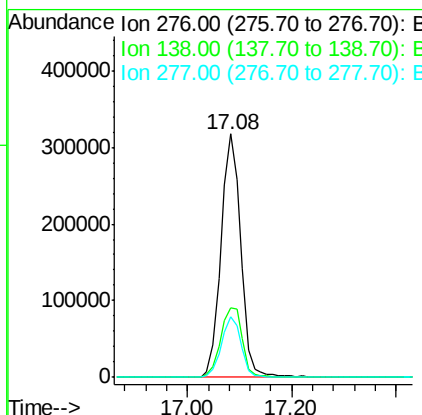
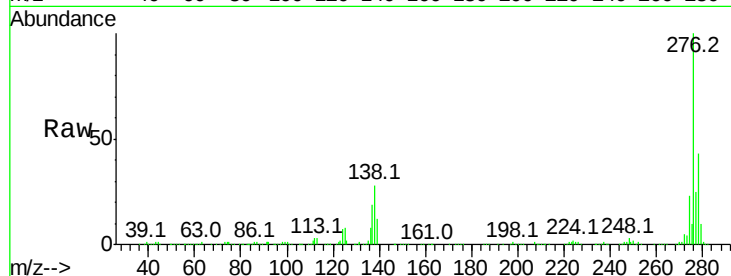
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.8	32.6
277	25.1	20.2	30.4

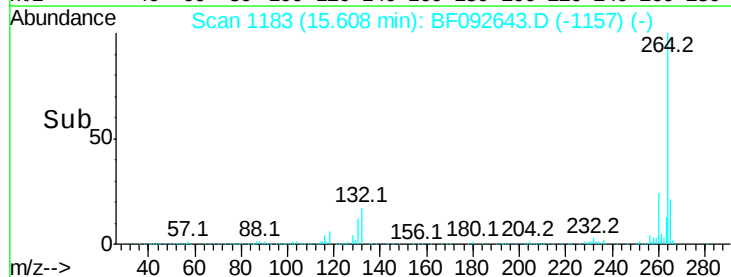
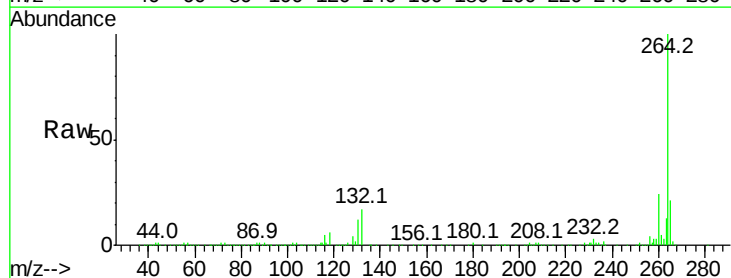
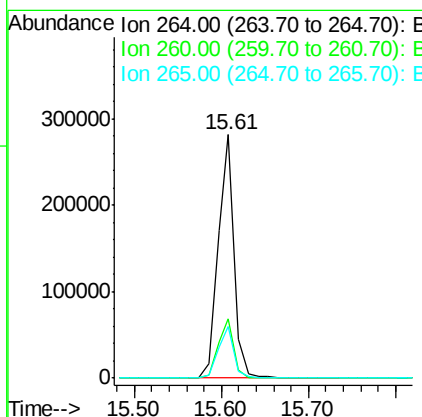
Manual Integrations
 APPROVED

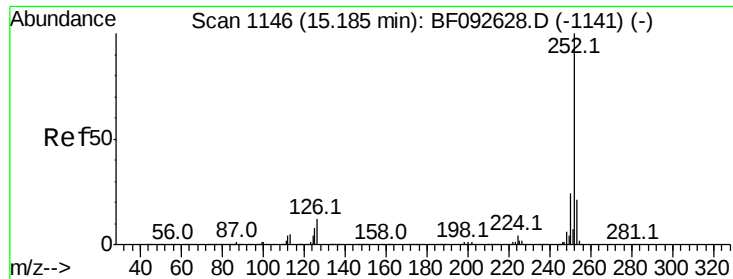
mohammad
 1/31/2017 4:45:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0





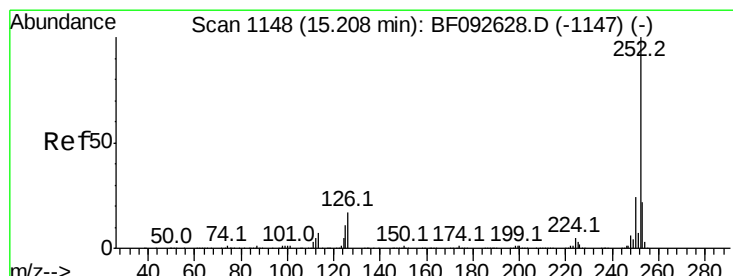
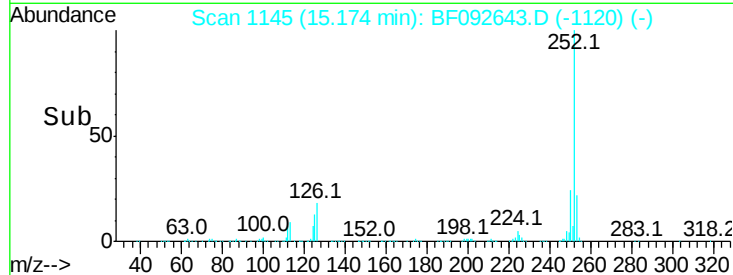
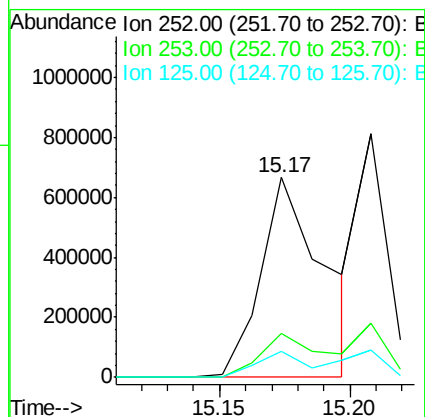
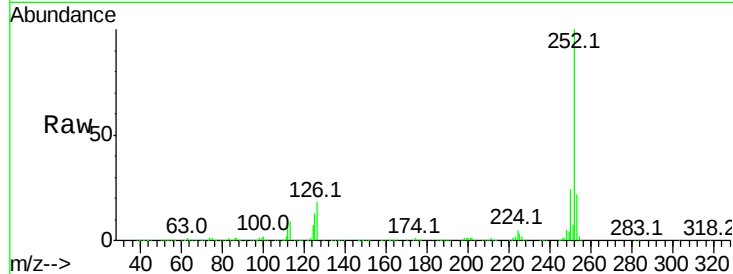
#87
Benzo(b)fluoranthene
Concen: 46.96 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampled :
PB96532BS

Tot Ion:252 Resp: 1112402
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 13.2 9.8 14.6

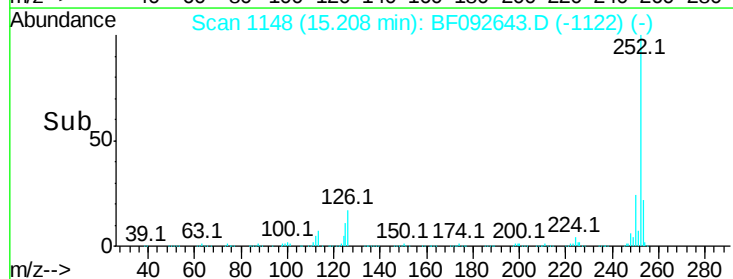
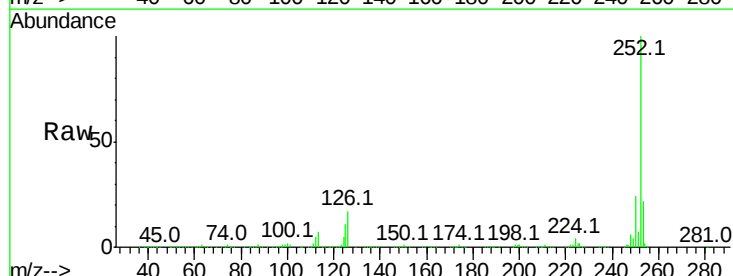
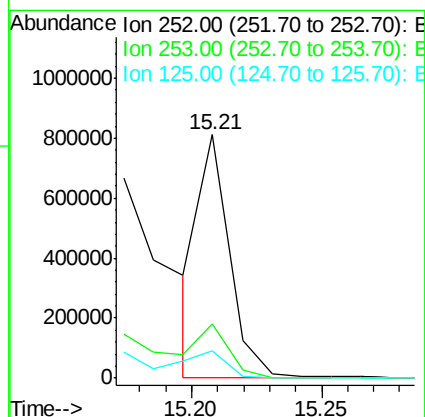
Manual Integrations
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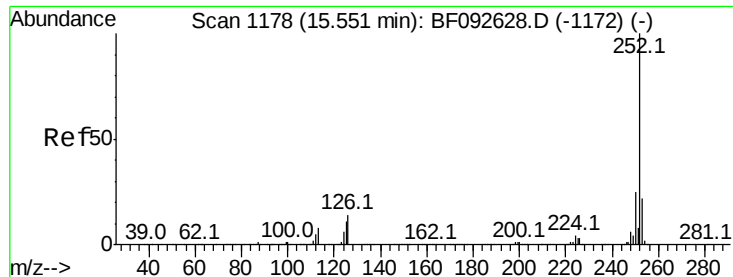
mohammad
1/31/2017 4:45:34 PM



#88
Benzo(k)fluoranthene
Concen: 32.23 ng m
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion:252 Resp: 659290
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.1 8.9 13.3





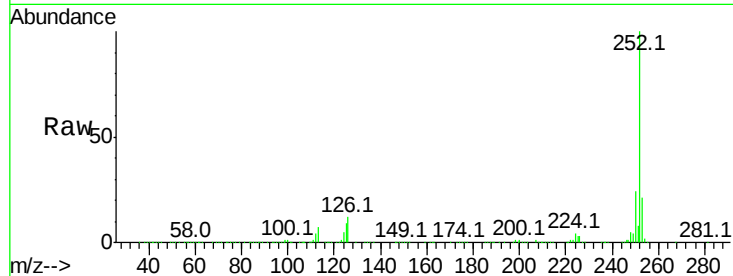
#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PB96532BS

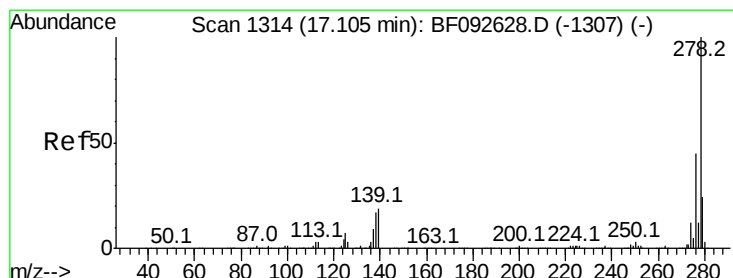
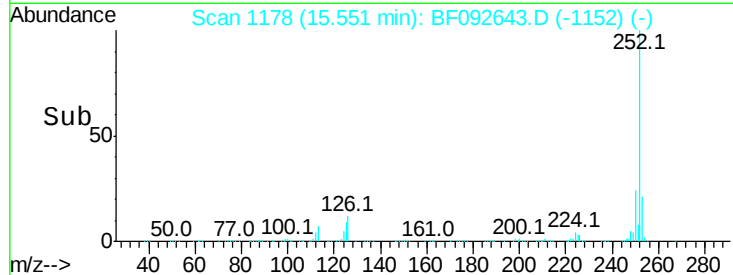
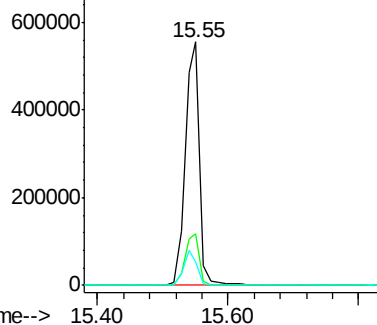
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	9.4	10.0	15.0

Manual Integrations
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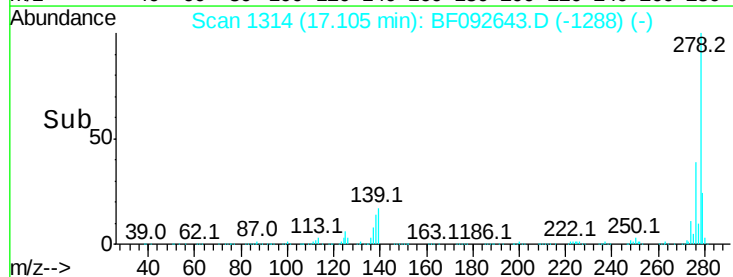
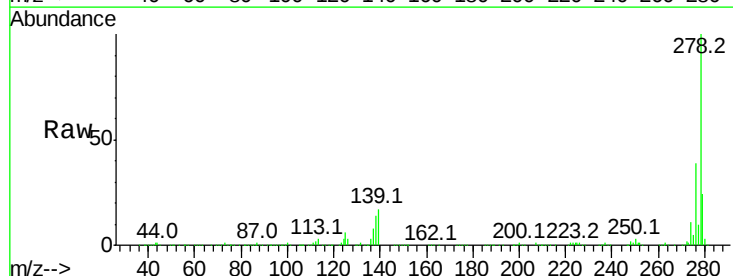
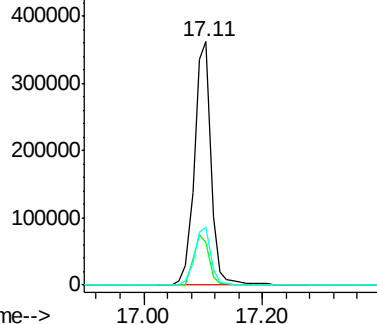
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

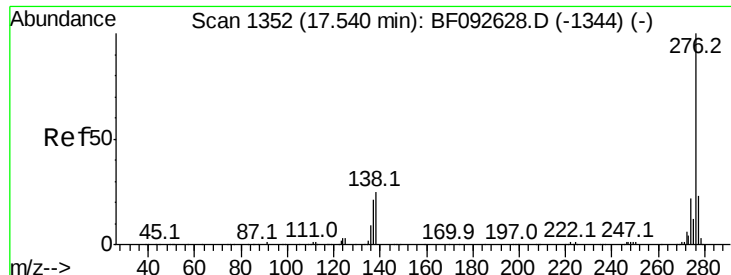


#90
Dibenzo(a,h)anthracene
Concen: 42.49 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092643.D
Acq: 30 Jan 2017 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	23.8	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.75 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092643.D
 Acq: 30 Jan 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.9	19.2	28.8
138	27.8	16.0	24.0

Manual Integrations
 APPROVED

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