

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090750.D
 Acq On : 22 Oct 2016 9:41
 Operator : UM/SJ
 Sample : PB94209BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Manual Integrations
 APPROVED

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 10/24/2016 3:53:44 PM

Quant Time: Oct 24 01:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259870	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1095958	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	551632	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	824134	20.00	ng	0.00
75) Chrysene-d12	14.02	240	536522	20.00	ng	0.00
86) Perylene-d12	15.46	264	393130	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1774285	110.11	ng	0.02
7) Phenol-d6	6.51	99	2310314	105.85	ng	0.01
23) Nitrobenzene-d5	7.42	82	1447247	72.43	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	544502	124.71	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2643743	74.40	ng	0.00
78) Terphenyl-d14	12.97	244	2124221	90.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	273720	29.36	ng	# 81
3) Pyridine	3.35	79	675915	30.94	ng	# 76
4) n-Nitrosodimethylamine	3.31	42	274733	36.75	ng	# 76
6) Aniline	6.53	93	540553	21.84	ng	# 84
8) 2-Chlorophenol	6.65	128	741082	38.31	ng	# 91
9) Benzaldehyde	6.41	77	236917	19.85	ng	# 80
10) Phenol	6.52	94	975217	39.75	ng	# 66
11) bis(2-Chloroethyl)ether	6.60	93	836390	40.57	ng	# 91
12) 1,3-Dichlorobenzene	6.79	146	739095	38.04	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	817680	39.68	ng	# 93
14) 1,2-Dichlorobenzene	7.02	146	716156m	35.50	ng	# 93
15) Benzyl Alcohol	7.00	79	536215	36.17	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	971549	31.47	ng	# 70
17) 2-Methylphenol	7.13	107	612463	42.02	ng	# 81
18) Hexachloroethane	7.37	117	301397	36.03	ng	# 91
19) n-Nitroso-di-n-propylamine	7.29	70	570761	35.12	ng	# 68
20) 3+4-Methylphenols	7.27	107	683828	39.58	ng	# 61
22) Acetophenone	7.27	105	988201	40.46	ng	# 83
24) Nitrobenzene	7.45	77	815816	37.66	ng	# 73
25) Isophorone	7.69	82	1522024	40.24	ng	# 89
26) 2-Nitrophenol	7.77	139	384931	43.50	ng	# 85
27) 2,4-Dimethylphenol	7.80	122	631609	40.25	ng	# 81
28) bis(2-Chloroethoxy)methane	7.89	93	915321	44.23	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	582438	45.23	ng	# 93
30) 1,2,4-Trichlorobenzene	8.09	180	640385	42.25	ng	# 97
31) Naphthalene	8.17	128	2151970	40.14	ng	# 96
32) Benzoic acid	7.95	122	336707	33.20	ng	# 62
33) 4-Chloroaniline	8.22	127	268505	13.51	ng	# 92
34) Hexachlorobutadiene	8.28	225	353354	41.47	ng	# 99
35) Caprolactam	8.60	113	178940m	48.65	ng	# 99
36) 4-Chloro-3-methylphenol	8.70	107	628143	41.94	ng	# 79
37) 2-Methylnaphthalene	8.85	142	1355408	43.26	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	596099	40.02	ng	# 98
40) Hexachlorocyclopentadiene	9.01	237	633180	90.55	ng	# 96

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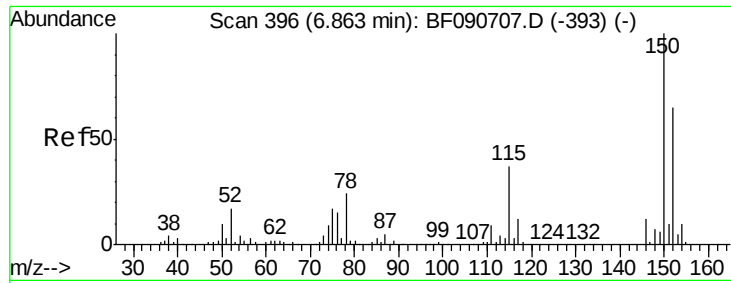
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	394418	42.70	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	410638	43.81	nq	# 93
45) 1,1'-Biphenyl	9.32	154	1547149	35.71	nq	91
46) 2-Chloronaphthalene	9.34	162	1249429	38.80	nq	# 89
47) 2-Nitroaniline	9.45	65	413337	38.67	nq	# 77
48) Acenaphthylene	9.77	152	1980962	40.32	nq	95
49) Dimethylphthalate	9.63	163	1411471	40.72	nq	# 97
50) 2,6-Dinitrotoluene	9.69	165	295185	39.60	nq	# 51
51) Acenaphthene	9.94	154	1369026	41.97	nq	89
52) 3-Nitroaniline	9.86	138	163158	19.04	nq	# 64
53) 2,4-Dinitrophenol	9.96	184	227362	60.76	nq	# 33
54) Dibenzofuran	10.11	168	1785592	45.19	nq	# 87
55) 4-Nitrophenol	10.03	139	424548	80.60	nq	# 45
56) 2,4-Dinitrotoluene	10.10	165	461270	50.63	nq	# 95
57) Fluorene	10.45	166	1426205	43.56	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	327177	44.48	nq	95
59) Diethylphthalate	10.33	149	1417865	39.44	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	659341	44.06	nq	# 88
61) 4-Nitroaniline	10.47	138	299241	34.48	nq	# 47
62) Azobenzene	10.60	77	1670150	39.67	nq	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	167132	33.18	nq	# 72
65) n-Nitrosodiphenylamine	10.57	169	1227043	46.47	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	408259	51.10	nq	95
67) Hexachlorobenzene	11.00	284	476279	50.52	nq	# 80
68) Atrazine	11.09	200	331380	45.47	nq	85
69) Pentachlorophenol	11.19	266	444322	76.09	nq	98
70) Phenanthrene	11.41	178	1921278m	45.74	nq	
71) Anthracene	11.46	178	1842715	39.56	nq	95
72) Carbazole	11.62	167	1681799	43.18	nq	# 93
73) Di-n-butylphthalate	11.95	149	2161246	42.78	nq	# 96
74) Fluoranthene	12.60	202	1769897	43.55	nq	88
76) Benzidine	12.72	184	285999	24.01	nq	96
77) Pyrene	12.82	202	1678559	44.80	nq	94
79) Butylbenzylphthalate	13.45	149	898120	52.14	nq	93
80) Benzo(a)anthracene	14.01	228	1276707	43.48	nq	95
81) 3,3'-Dichlorobenzidine	13.97	252	262771	25.83	nq	99
82) Chrysene	14.05	228	1387511m	48.42	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1142733	46.37	nq	# 96
84) Di-n-octyl phthalate	14.61	149	1636863	43.76	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.86	276	1045094	41.80	nq	# 95
87) Benzo(b)fluoranthene	15.05	252	1048495	43.37	nq	# 88
88) Benzo(k)fluoranthene	15.07	252	999743m	41.15	nq	
89) Benzo(a)pyrene	15.40	252	962336	42.43	nq	# 87
90) Dibenzo(a,h)anthracene	16.89	278	900954	41.37	nq	# 83
91) Benzo(g,h,i)perylene	17.30	276	841426	39.84	nq	# 80

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



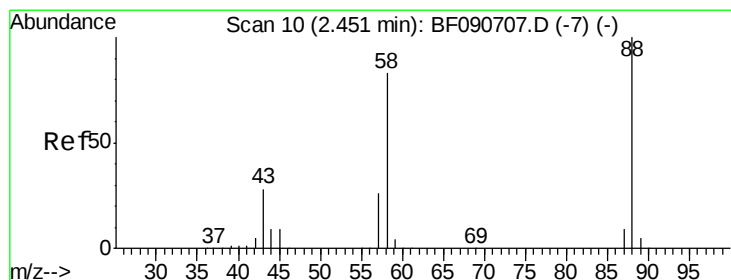
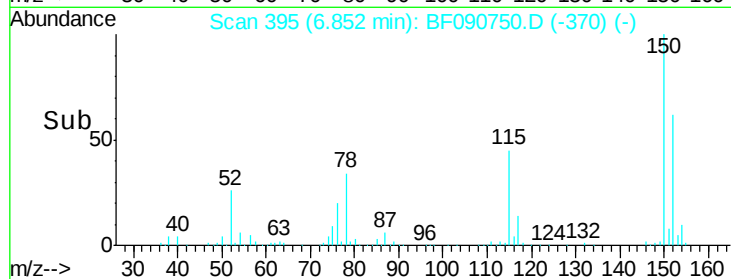
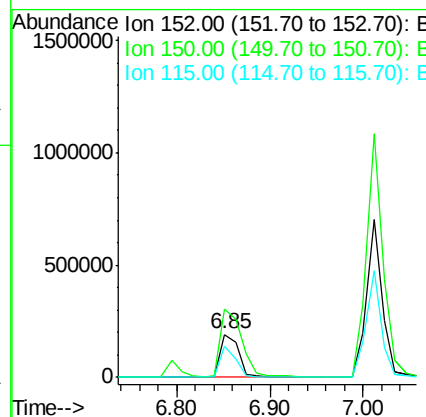
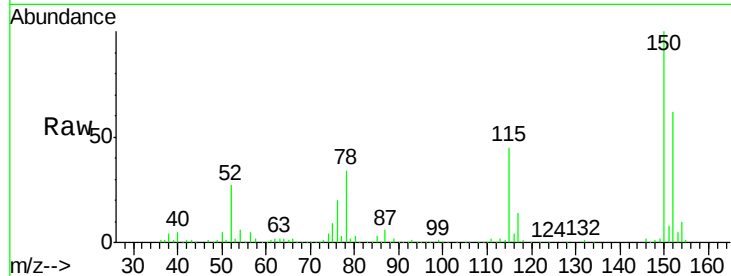
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.7	187.1
115	72.7	39.0	58.4#

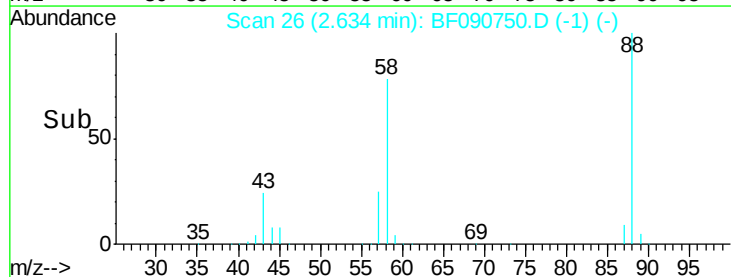
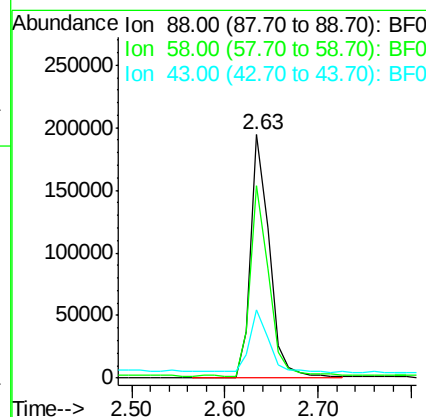
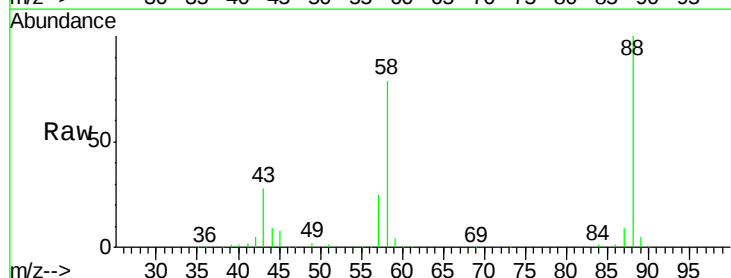
Manual Integrations
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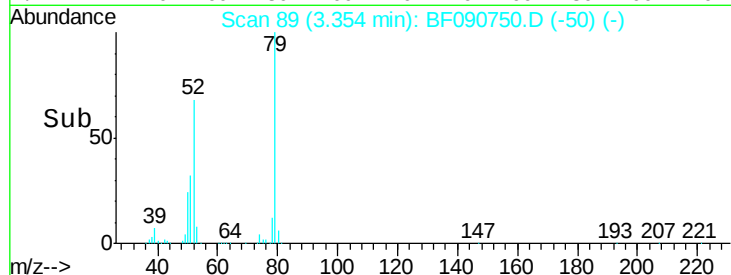
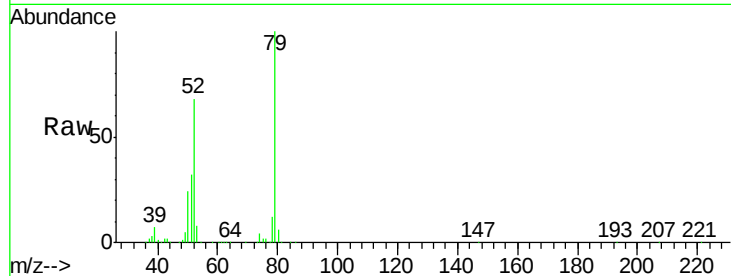
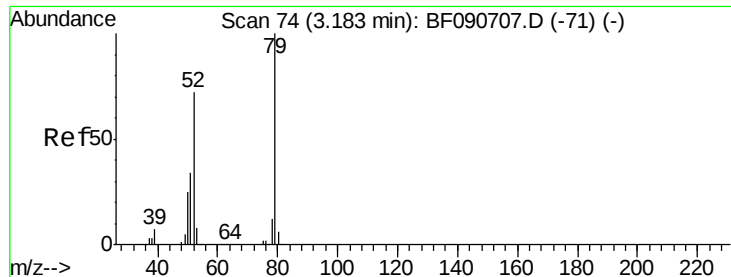
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#2
 1,4-Dioxane
 Concen: 29.36 ng
 RT: 2.63 min Scan# 26
 Delta R.T. 0.15 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	77.7	116.5#
43	25.6	26.6	40.0#





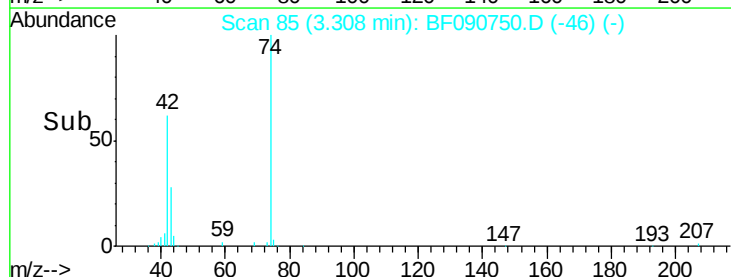
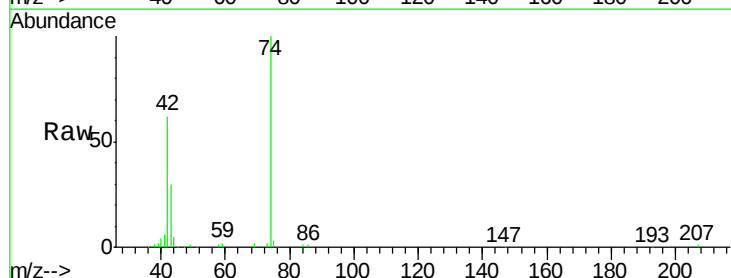
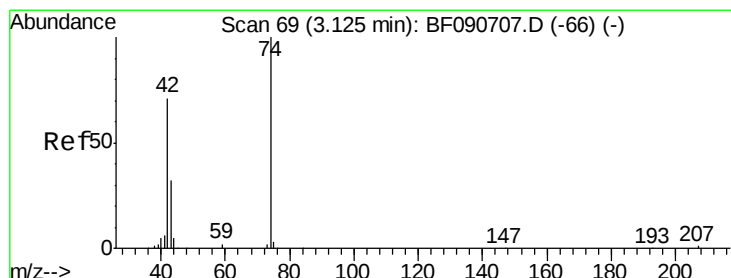
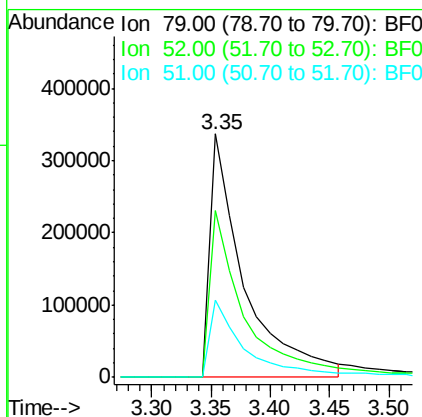
#3
 Pvridine
 Concen: 30.94 ng
 RT: 3.35 min Scan# 89
 Delta R.T. 0.15 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	76.8	115.2#
51	32.0	32.2	48.4#

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

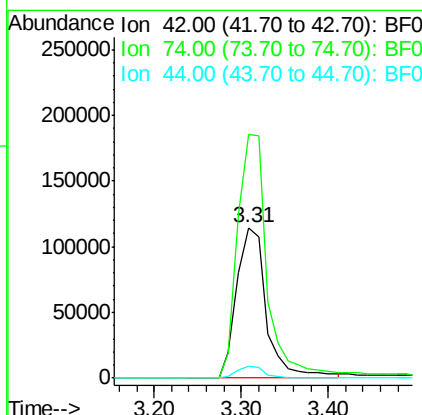
Manual Integrations
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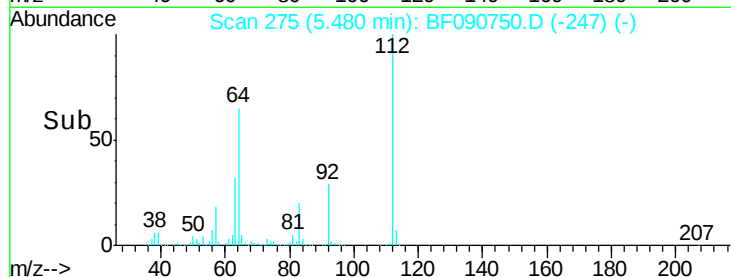
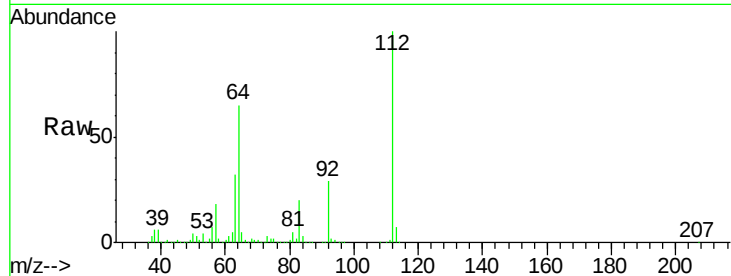
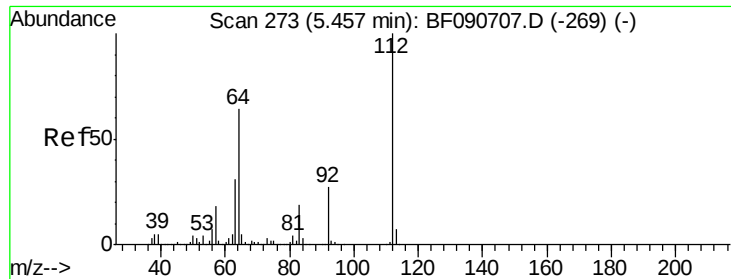
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#4
 n-Nitrosodimethylamine
 Concen: 36.75 ng
 RT: 3.31 min Scan# 85
 Delta R.T. 0.15 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.6	105.0	157.6#
44	7.6	6.6	10.0





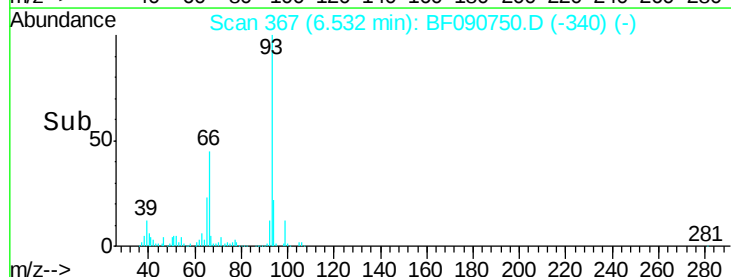
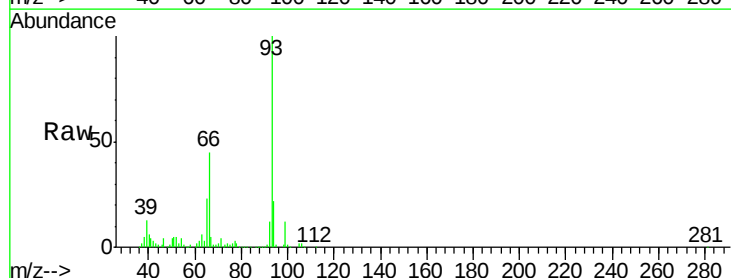
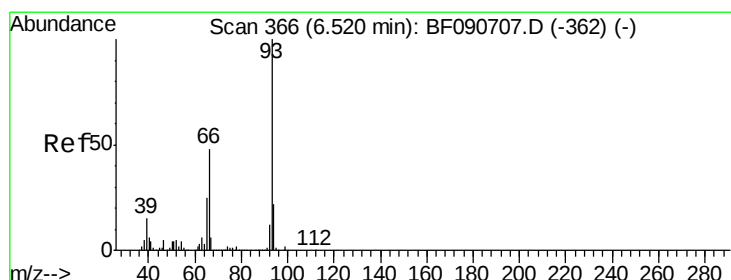
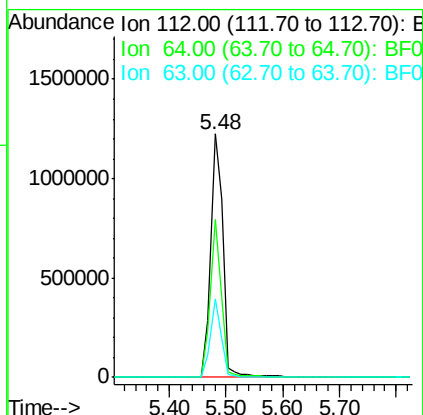
#5
2-Fluorophenol
Concen: 110.11 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.8	39.7	59.5#
63	32.2	17.4	26.0#

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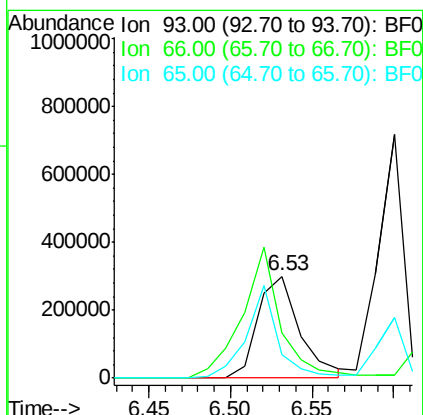
Manual Integrations
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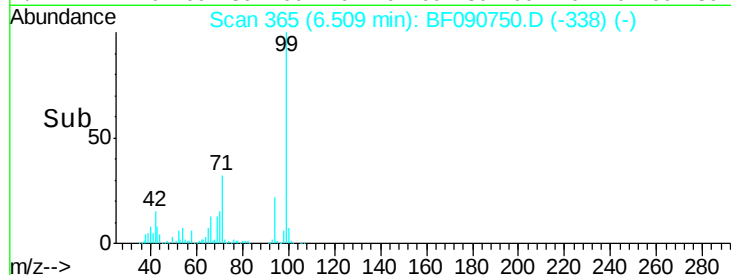
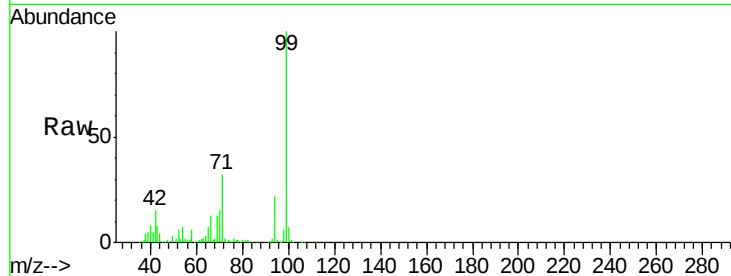
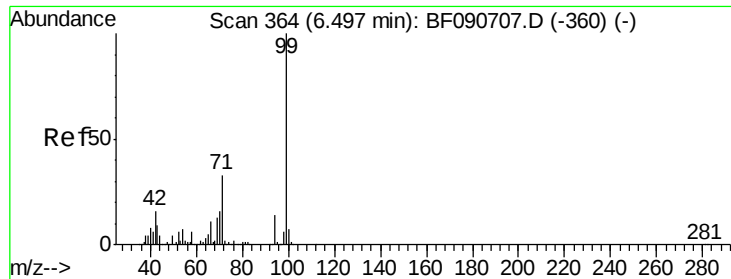
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#6
Aniline
Concen: 21.84 ng
RT: 6.53 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.0	27.2	40.8#
65	23.3	14.7	22.1#





#7

Phenol-d6

Concen: 105.85 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tot Ion:	99	Resp:	2310314
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	32.0	14.2	21.2#

Instrument :

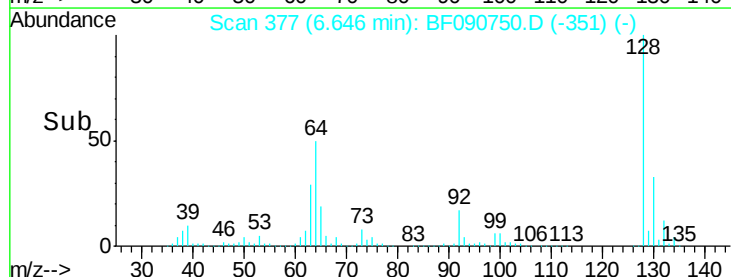
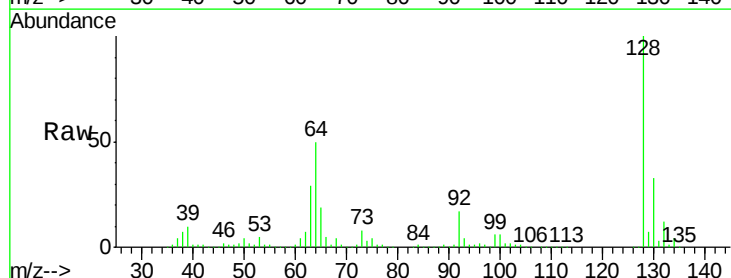
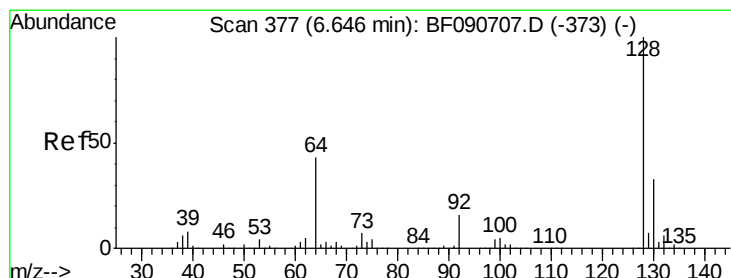
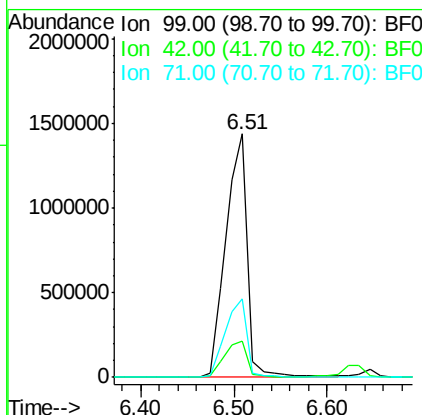
BNA_F

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#8

2-Chlorophenol

Concen: 38.31 ng

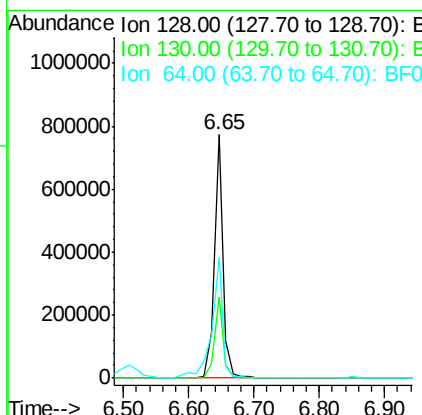
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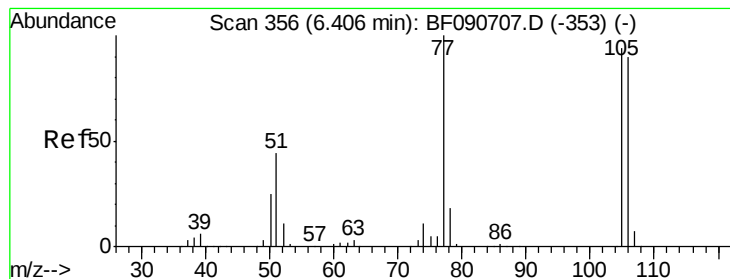
Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:	128	Resp:	741082
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.2	52.2
64	49.8	20.5	60.5





#9

Benzaldehyde

Concen: 19.85 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 77 Resp: 236917

Ion Ratio Lower Upper

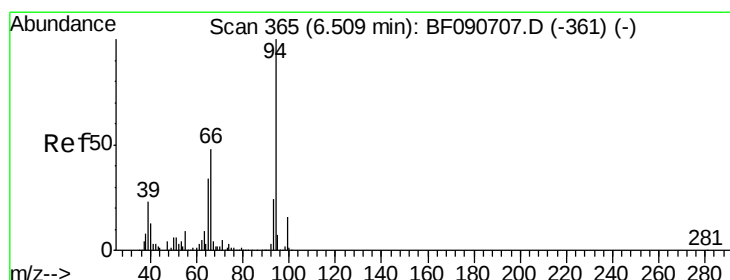
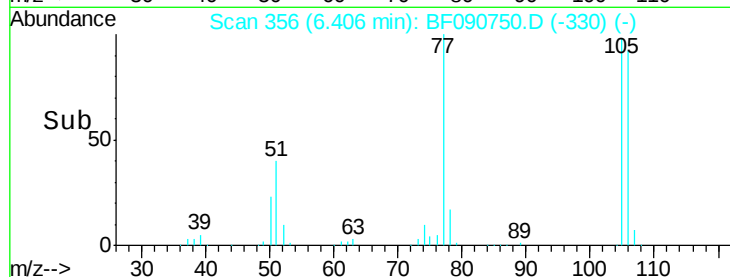
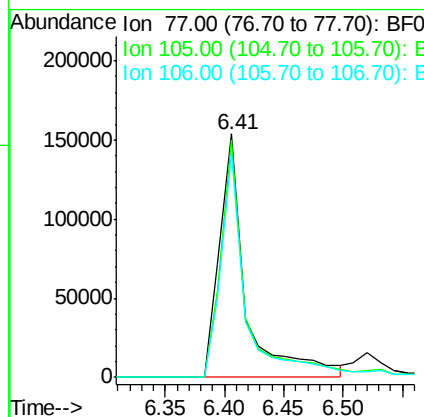
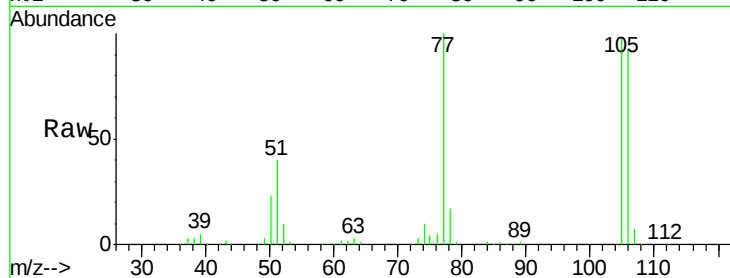
77 100

105 97.6 91.6 131.6

106 92.4 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 39.75 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

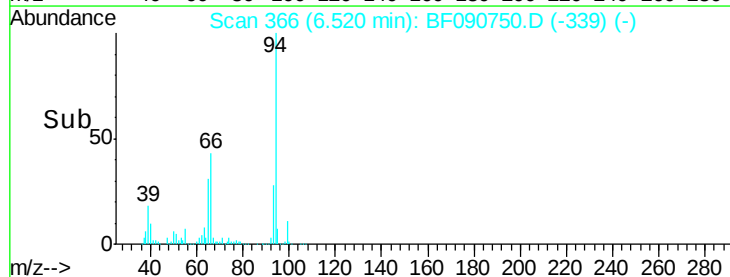
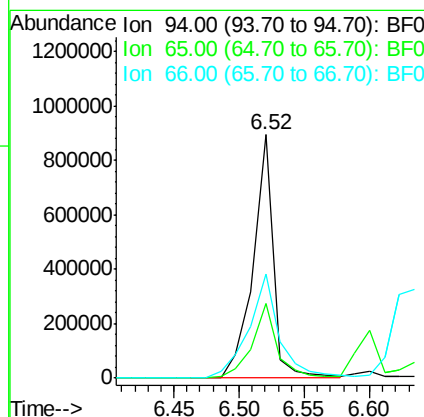
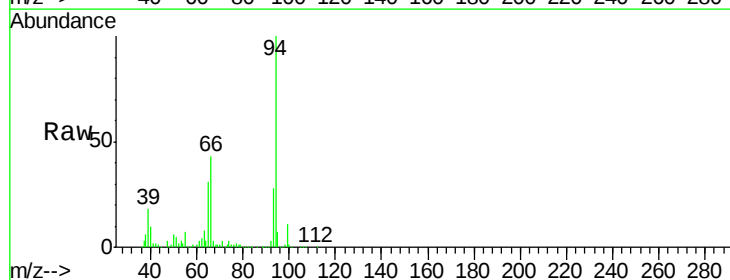
Tgt Ion: 94 Resp: 975217

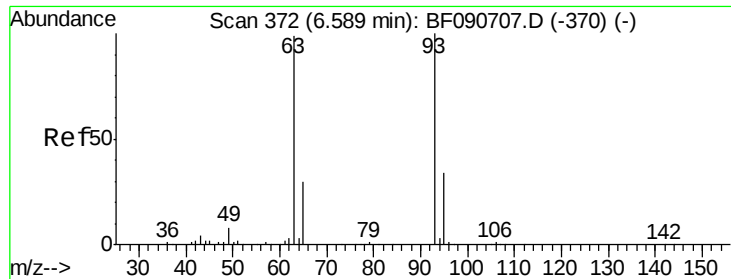
Ion Ratio Lower Upper

94 100

65 30.7 0.7 40.7

66 42.9 0.8 40.8#





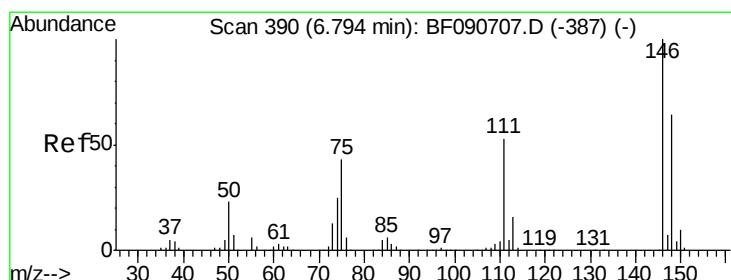
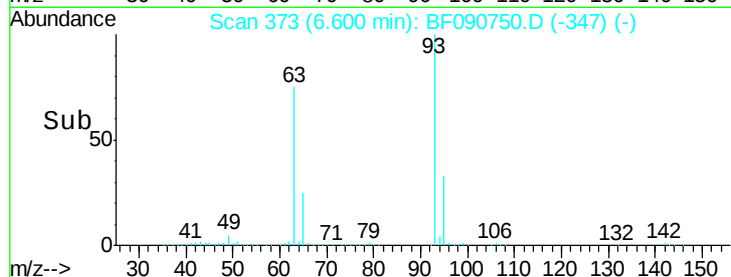
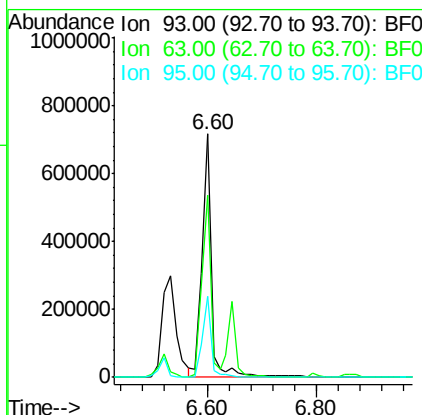
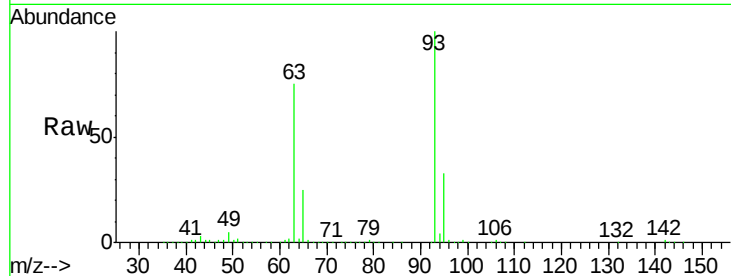
#11
bis(2-Chloroethyl)ether
Concen: 40.57 ng
RT: 6.60 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	65.6	105.6
95	33.4	13.6	53.6

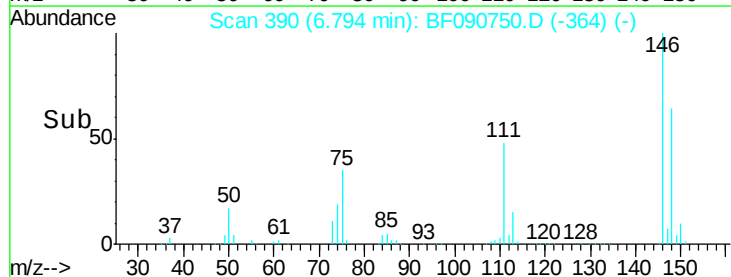
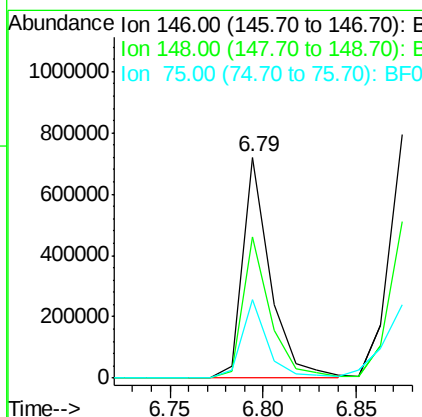
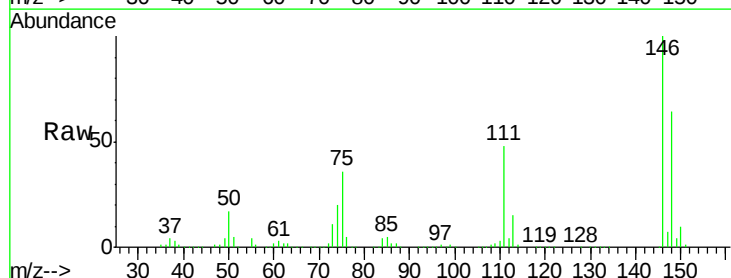
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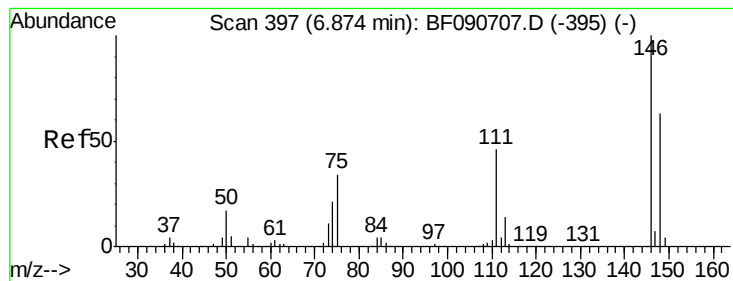
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.04 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	35.6	15.0	22.6





#13

1,4-Dichlorobenzene

Concen: 39.68 ng

RT: 6.87 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

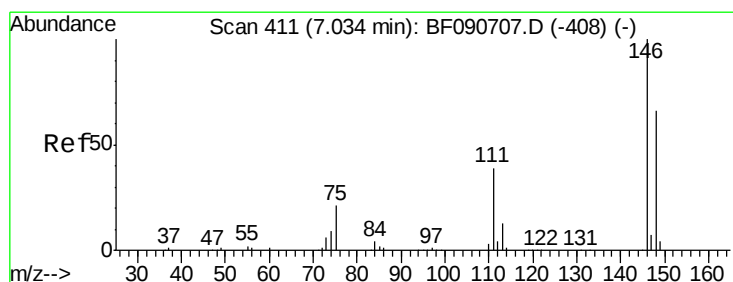
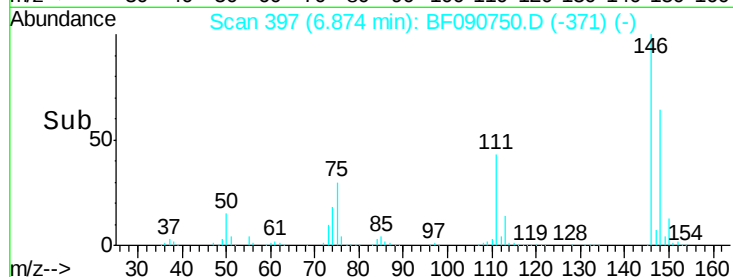
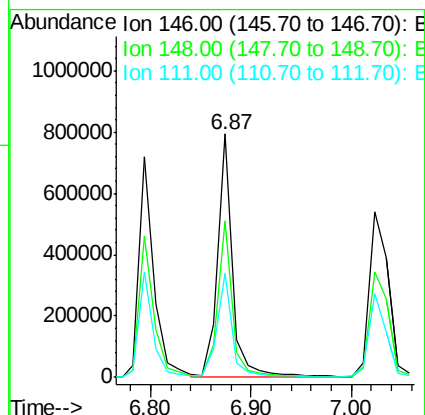
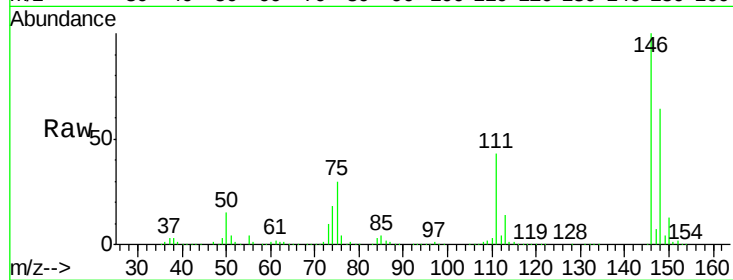
ClientSampleId :

PB94209BS

Tot Ion:	146	Resp:	817680
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	42.7	24.9	37.3#

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#14

1,2-Dichlorobenzene

Concen: 35.50 ng m

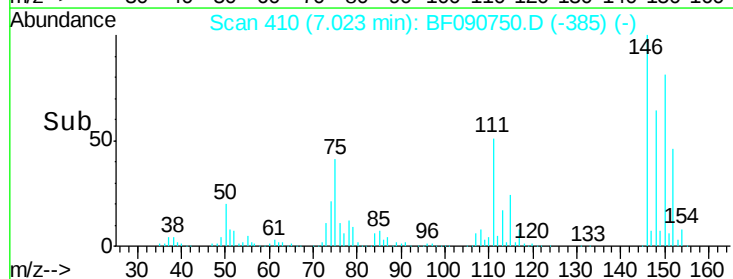
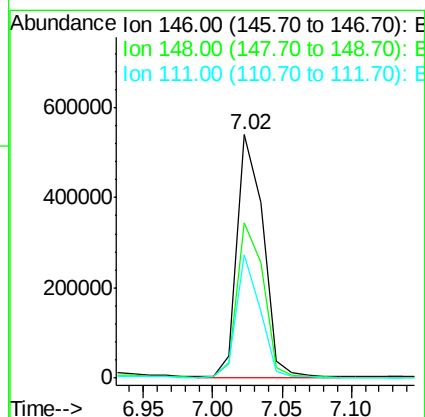
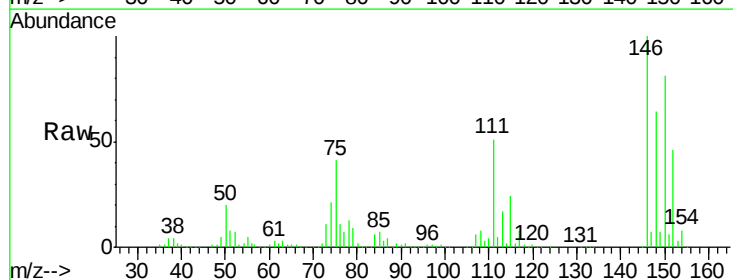
RT: 7.02 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:	146	Resp:	716156
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.7	79.1
111	50.6	28.8	43.2#





#15

Benzyl Alcohol

Concen: 36.17 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 79 Resp: 536215

Ion Ratio Lower Upper

79 100

108 74.1 88.6 132.8#

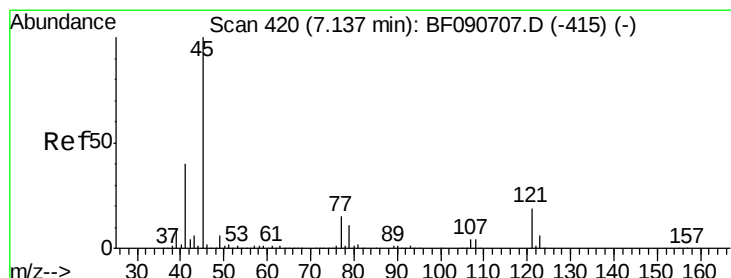
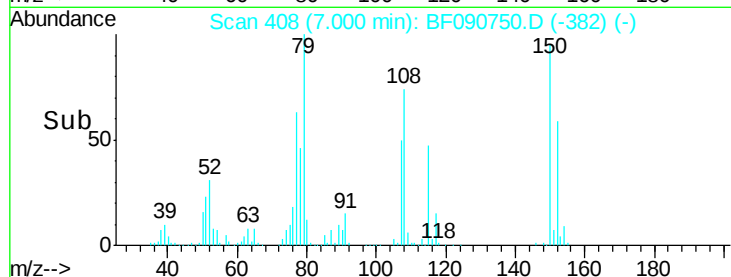
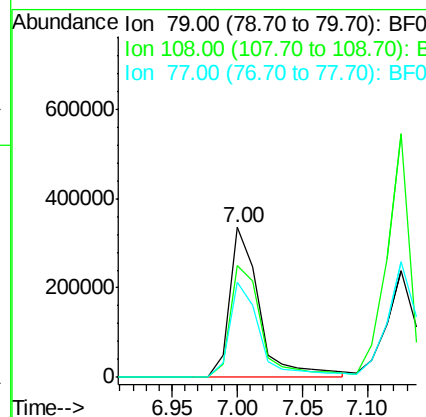
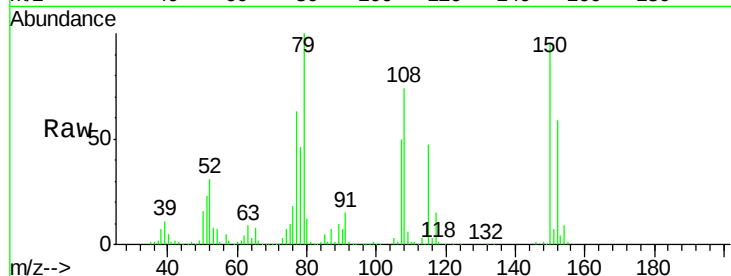
77 63.2 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.47 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

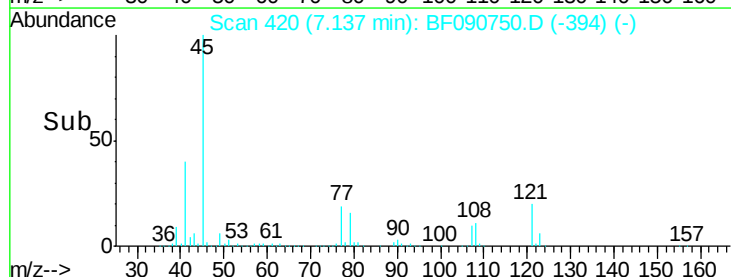
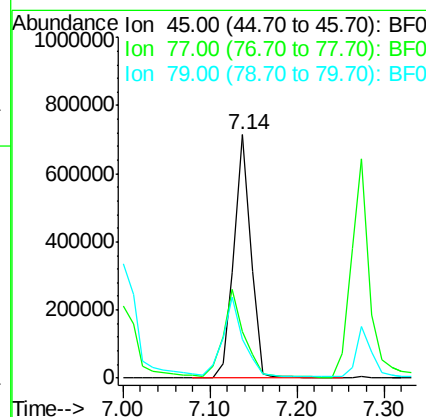
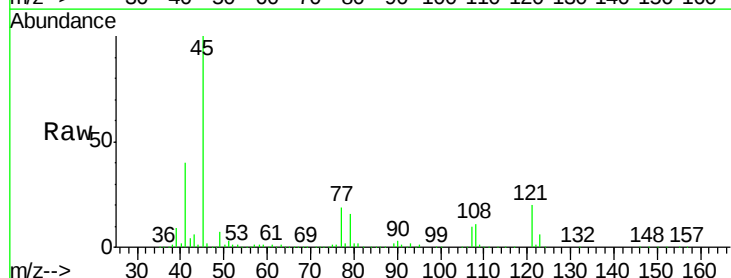
Tgt Ion: 45 Resp: 971549

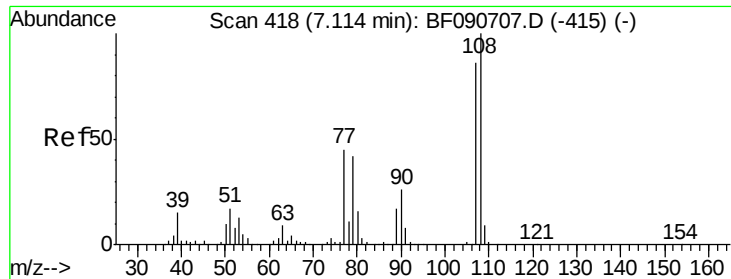
Ion Ratio Lower Upper

45 100

77 19.1 0.0 28.1

79 15.8 0.0 26.0





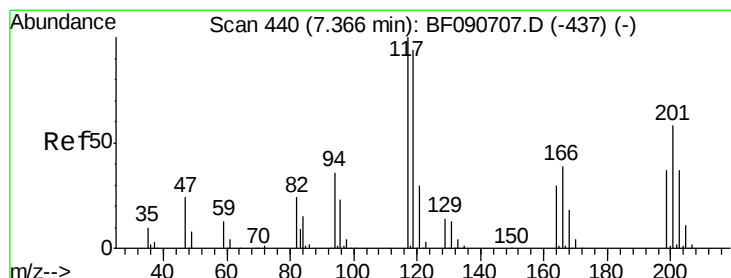
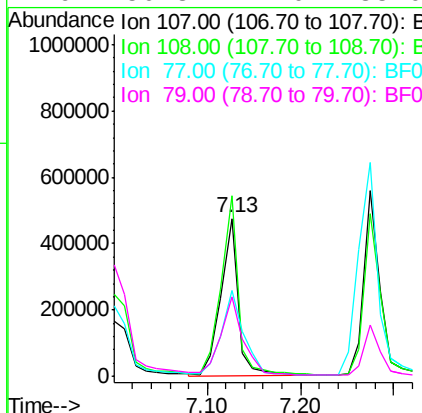
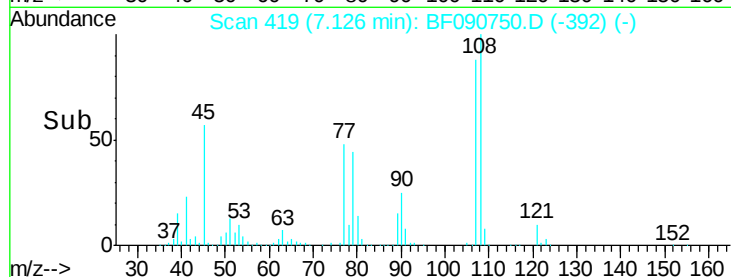
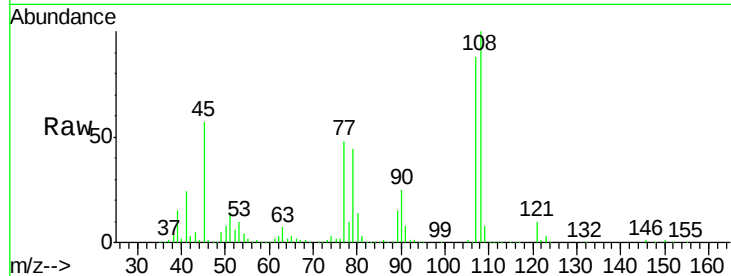
#17
2-Methylphenol
Concen: 42.02 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	96.6	145.0	
77	54.4	23.3	34.9	
79	50.3	22.0	33.0	

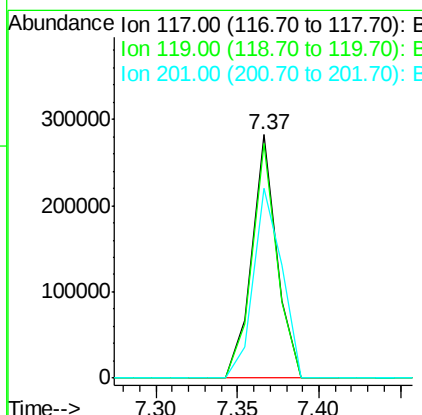
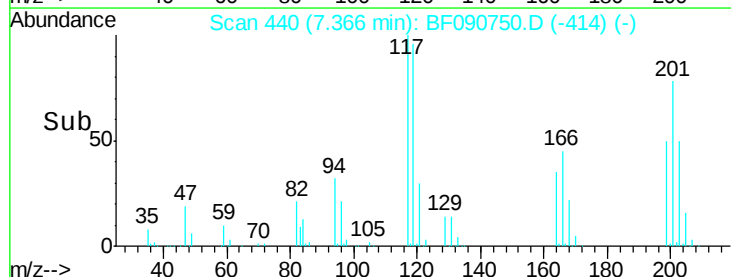
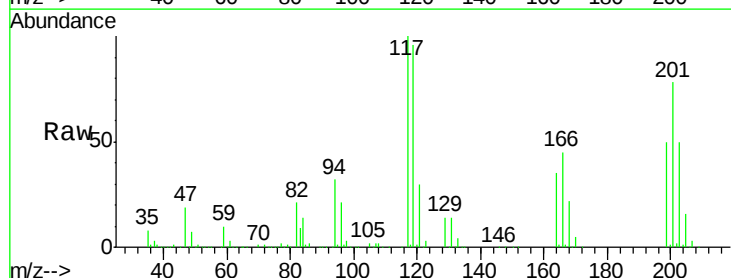
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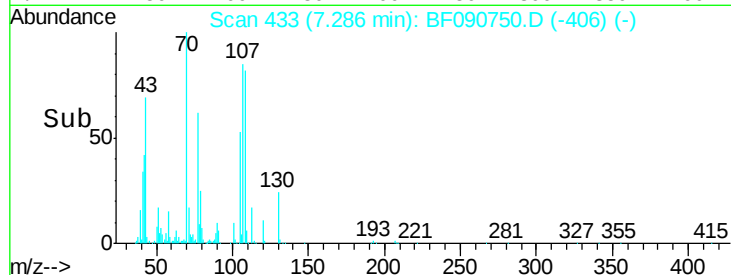
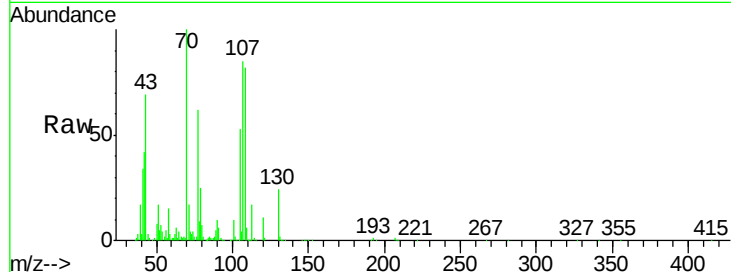
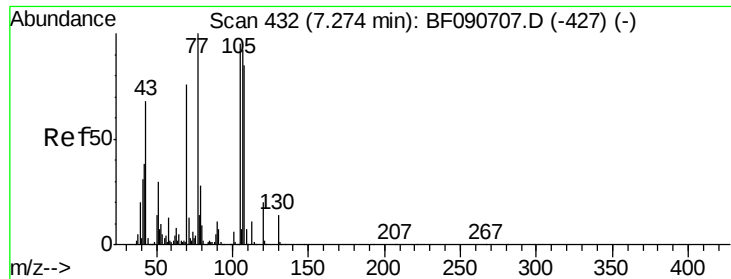
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#18
Hexachloroethane
Concen: 36.03 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	83.8	125.6	
201	78.0	55.1	82.7	





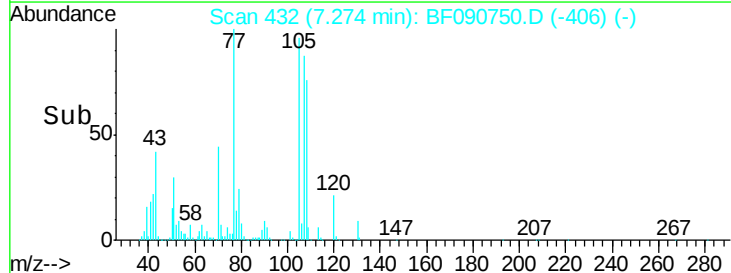
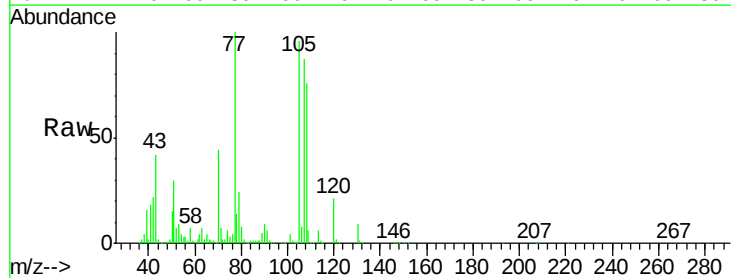
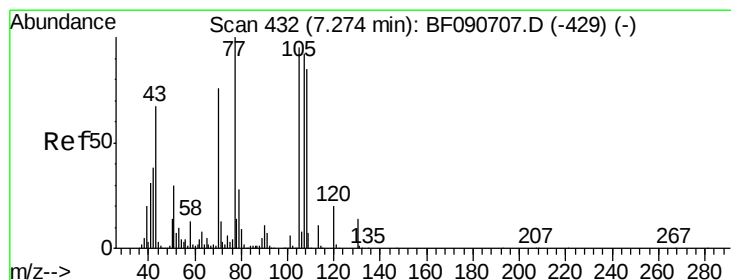
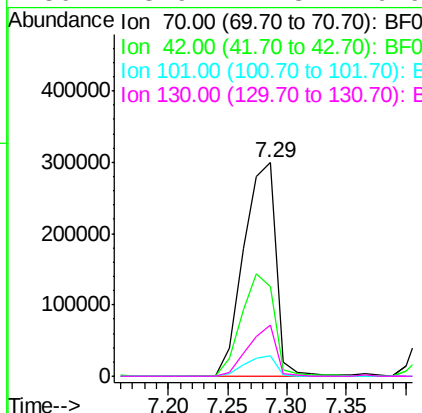
#19
n-Nitroso-di-n-propylamine
Concen: 35.12 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	42.0	63.8	95.6#
101	9.9	9.2	13.8
130	23.9	27.3	40.9#

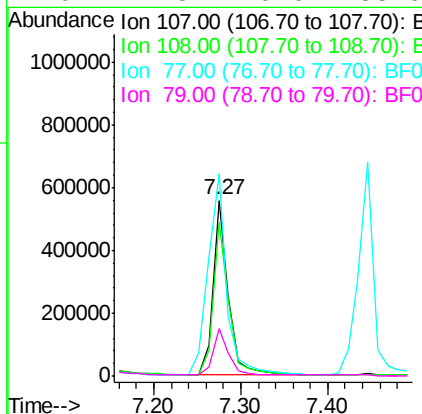
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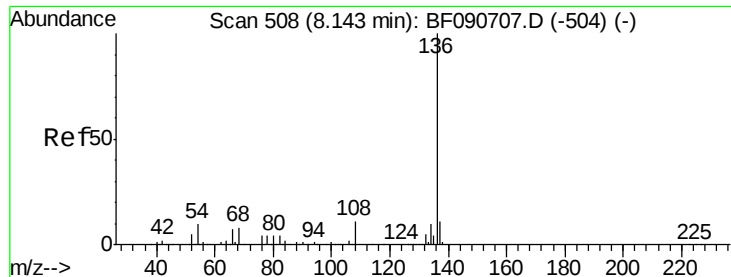
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#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.5	74.6	114.6
77	115.2	0.7	40.7#
79	27.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampled :

PB94209BS

Tot Ion:136 Resp: 1095958

Ion Ratio Lower Upper

136 100

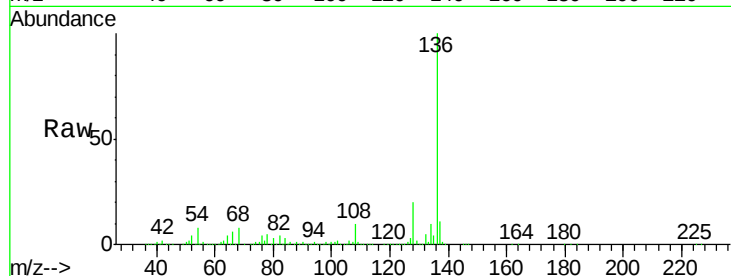
137 11.2 9.0 13.6

54 8.3 8.2 12.2

68 7.7 5.8 8.6

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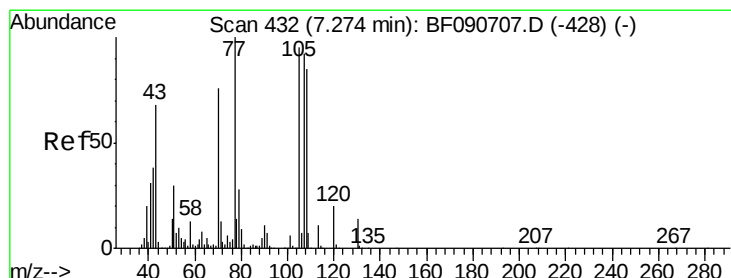
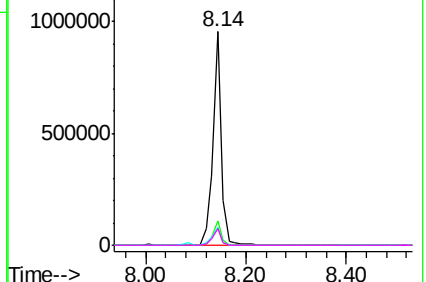
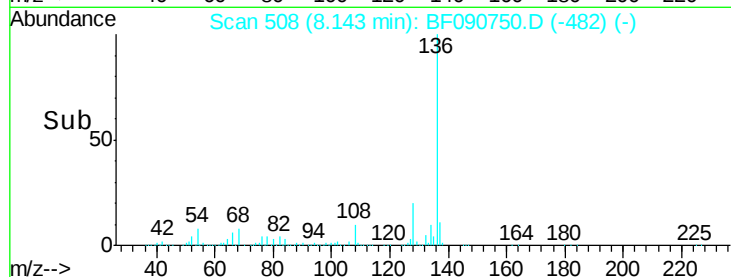


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.46 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:105 Resp: 988201

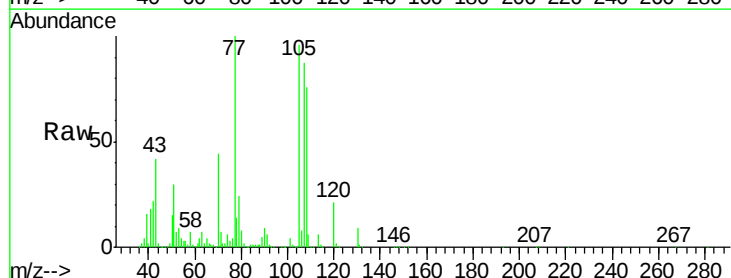
Ion Ratio Lower Upper

105 100

71 7.6 4.7 7.1#

51 31.7 22.0 33.0

120 22.0 30.1 45.1#

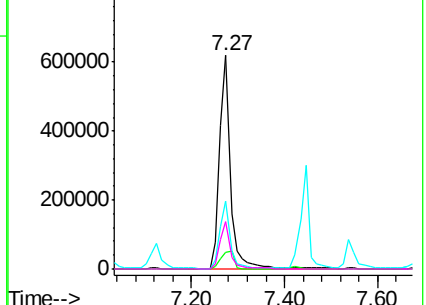
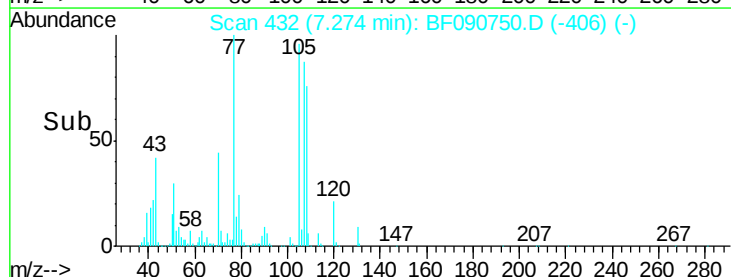


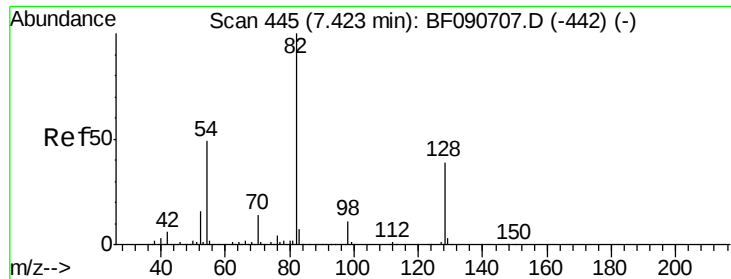
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.43 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 82 Resp: 1447247

Ion Ratio Lower Upper

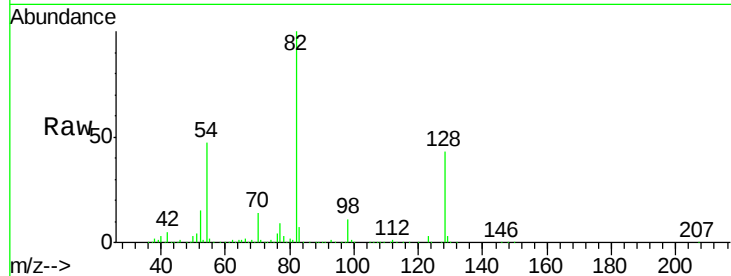
82 100

128 42.9 51.0 76.6#

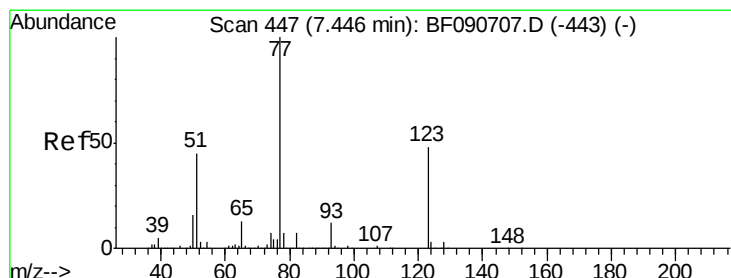
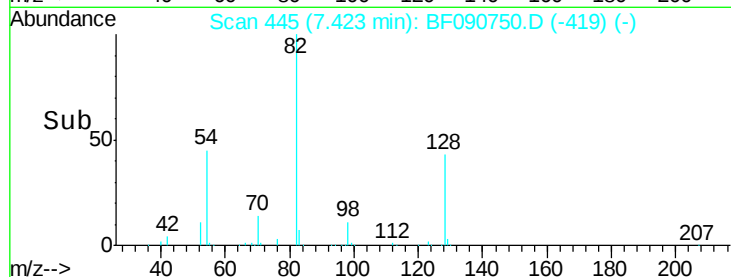
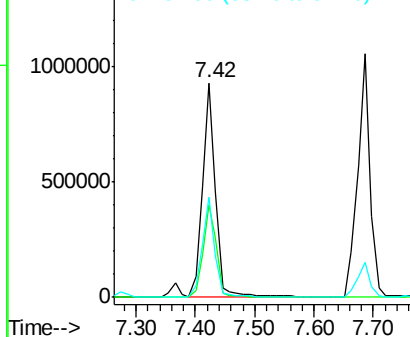
54 46.7 47.5 71.3#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.66 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

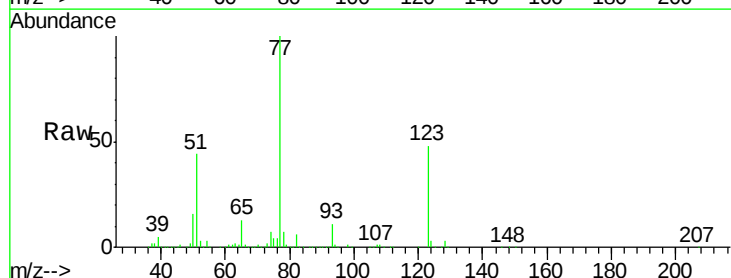
Tgt Ion: 77 Resp: 815816

Ion Ratio Lower Upper

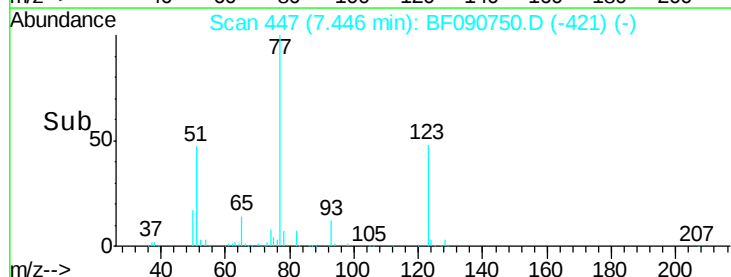
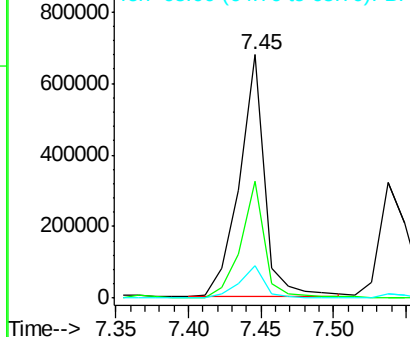
77 100

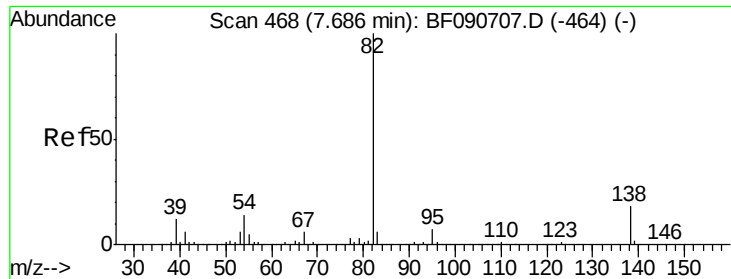
123 47.8 59.8 89.8#

65 13.2 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.24 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 82 Resp: 1522024

Ion Ratio Lower Upper

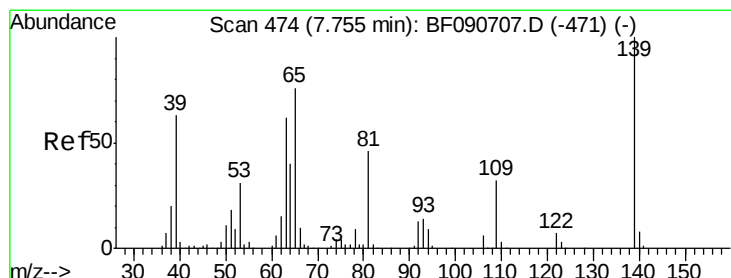
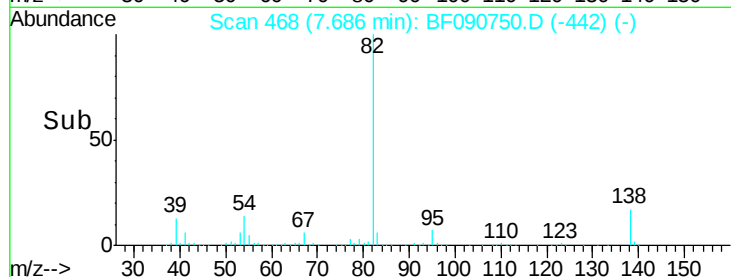
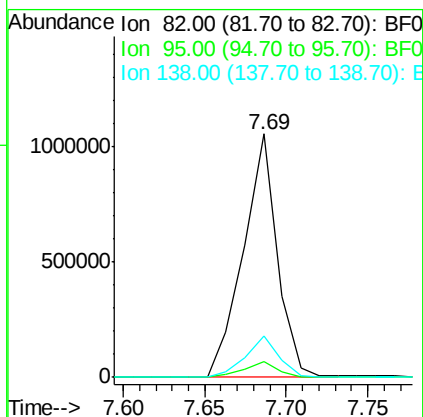
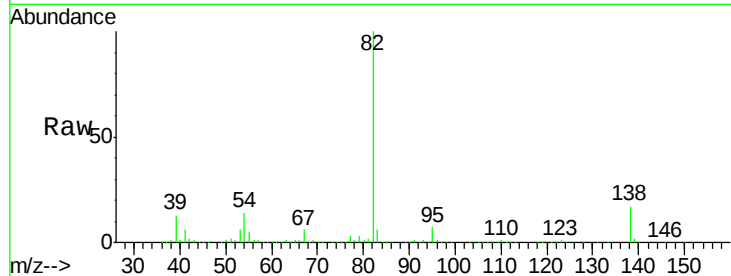
82 100

95 6.6 4.0 6.0#

138 17.1 18.3 27.5#

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#26

2-Nitrophenol

Concen: 43.50 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

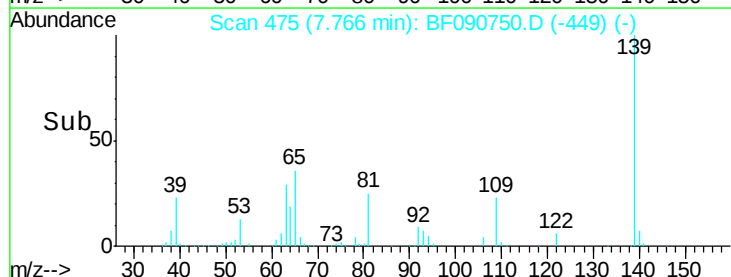
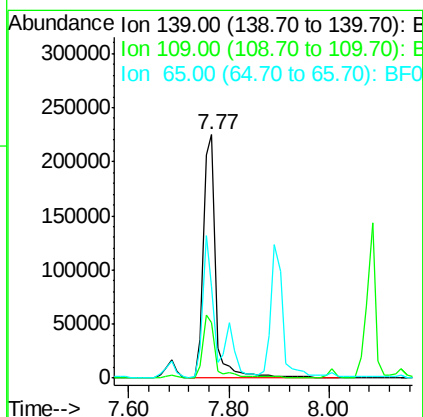
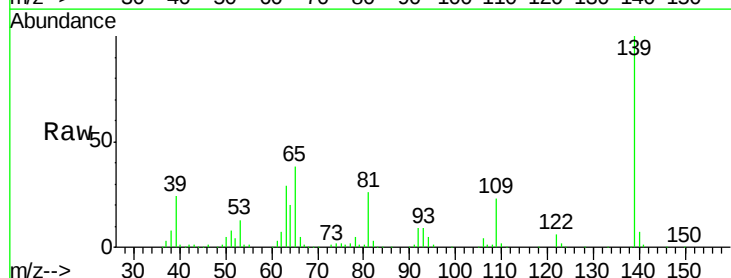
Tgt Ion: 139 Resp: 384931

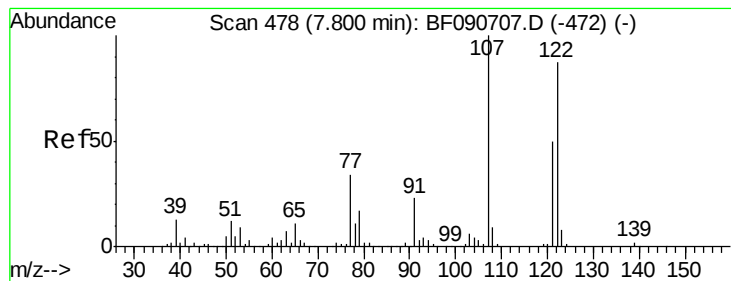
Ion Ratio Lower Upper

139 100

109 22.7 11.0 16.4#

65 37.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.25 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 122 Resp: 631609

Ion Ratio Lower Upper

122 100

107 114.6 71.8 107.6#

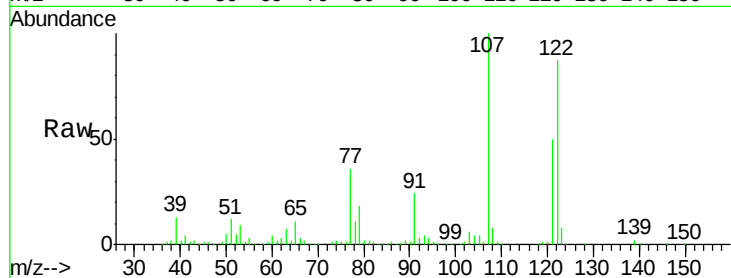
121 57.7 42.3 63.5

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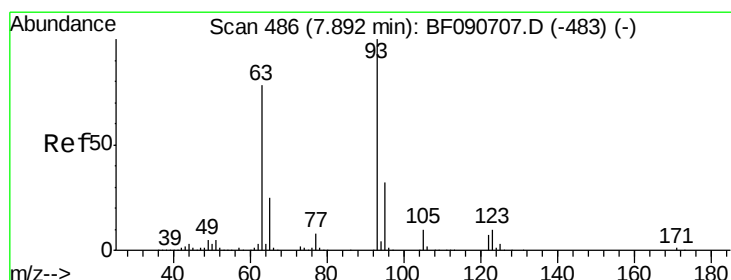
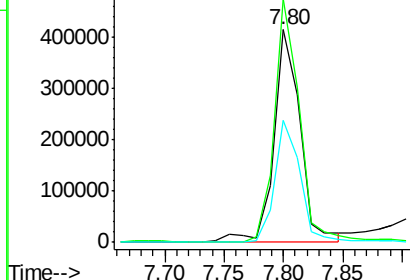
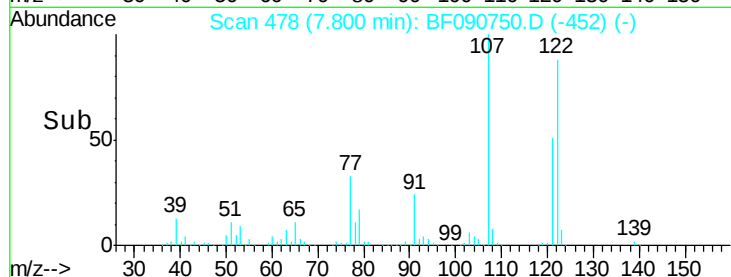
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.23 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

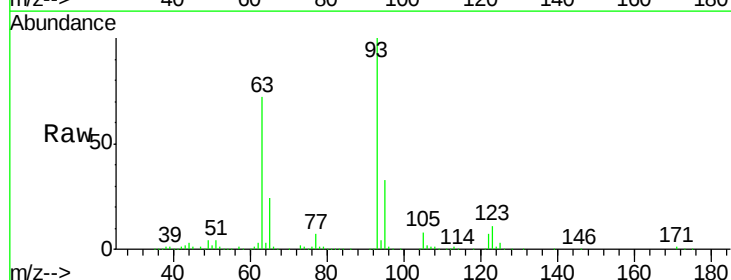
Tgt Ion: 93 Resp: 915321

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

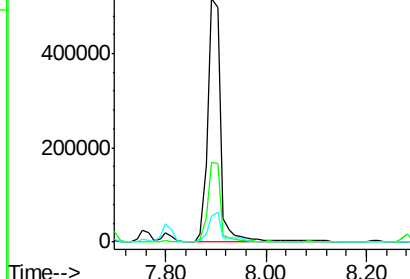
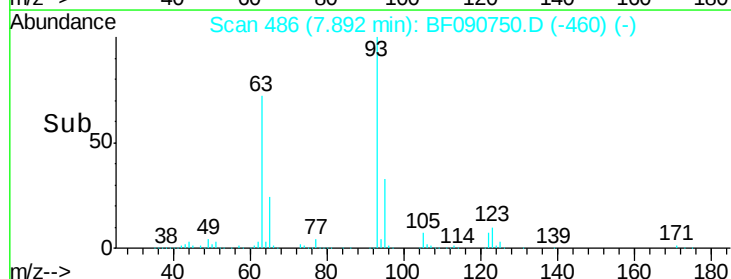
123 10.6 13.7 20.5#

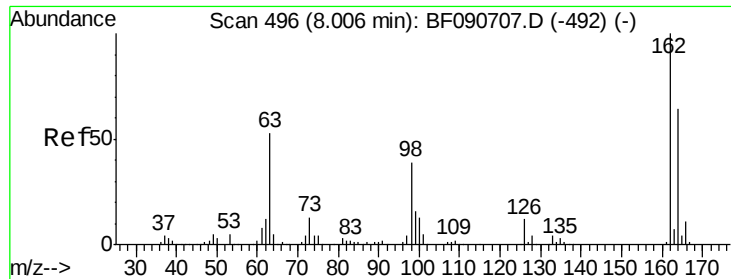


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





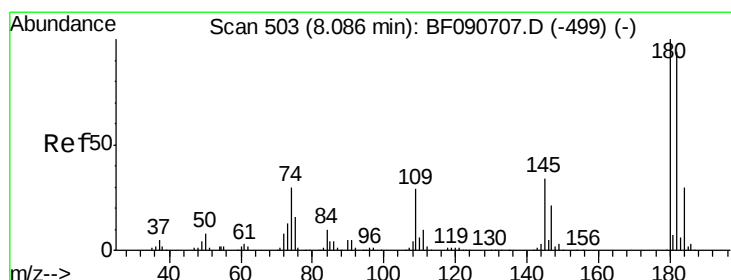
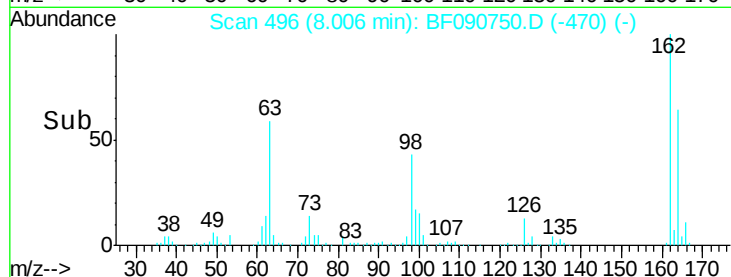
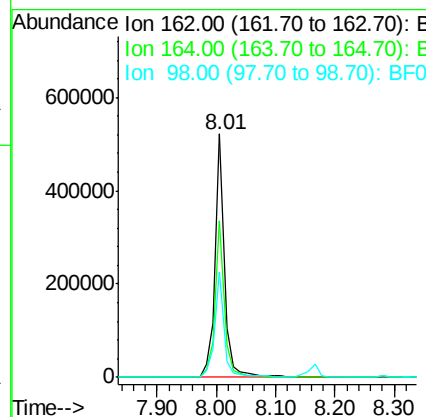
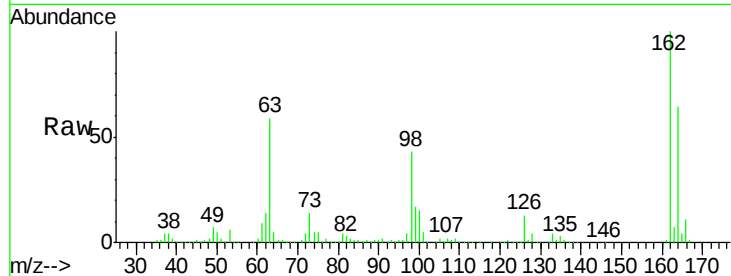
#29
2,4-Dichlorophenol
Concen: 45.23 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
162	100			
164	64.2	44.9	84.9	
98	43.4	13.0	53.0	

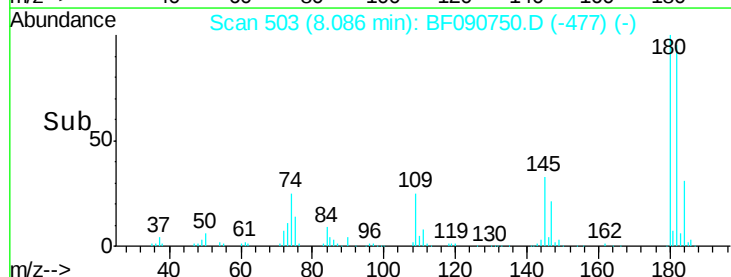
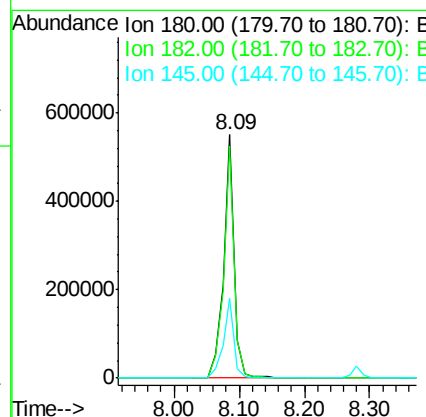
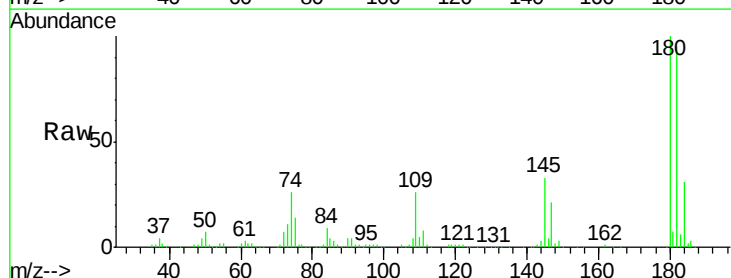
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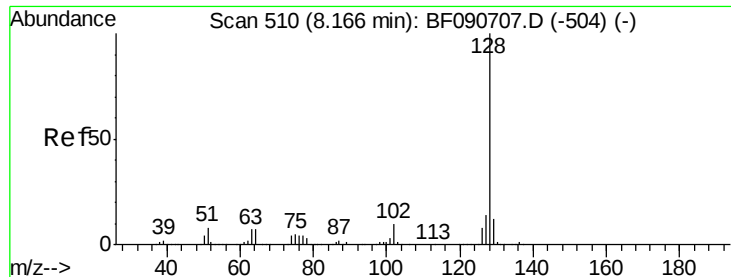
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#30
1,2,4-Trichlorobenzene
Concen: 42.25 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
180	100			
182	95.1	77.1	115.7	
145	32.5	23.3	34.9	





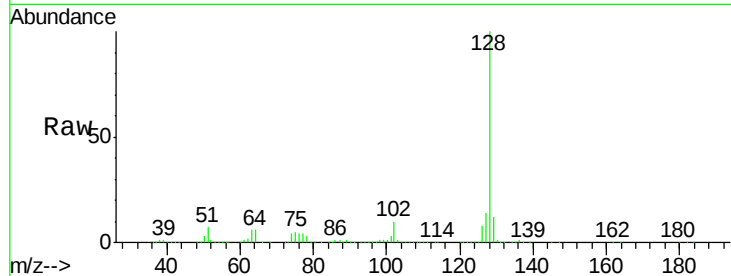
#31
Naphthalene
Concen: 40.14 ng
RT: 8.17 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.8	9.9	14.9

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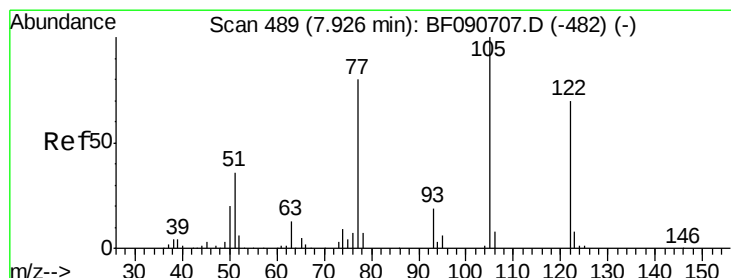
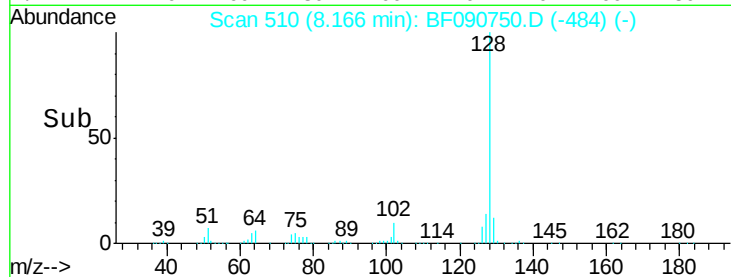
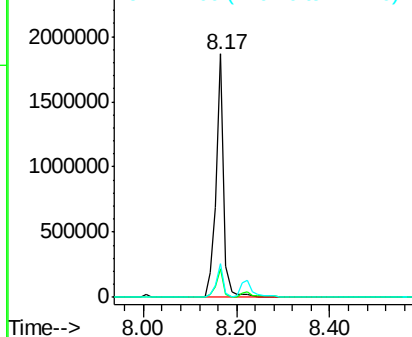


Abundance

Ion 128.00 (127.70 to 128.70): E

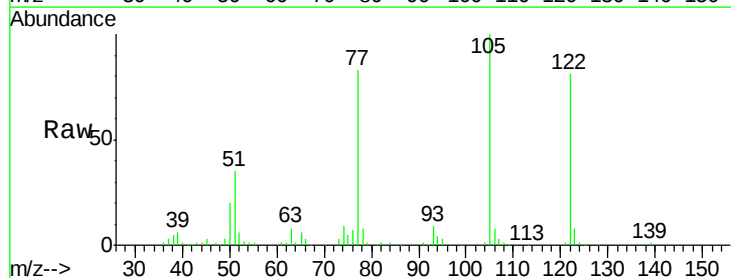
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.20 ng
RT: 7.95 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	76.1	116.1#
77	101.9	40.5	80.5#

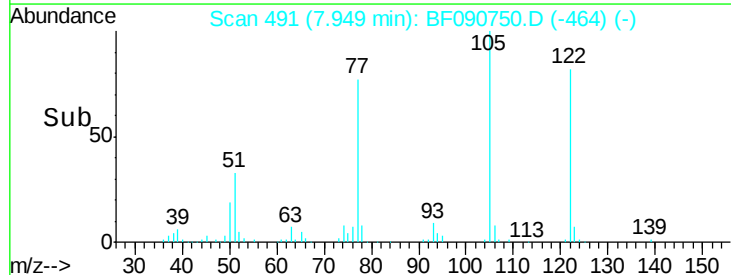
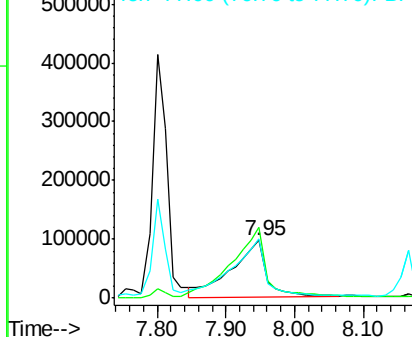


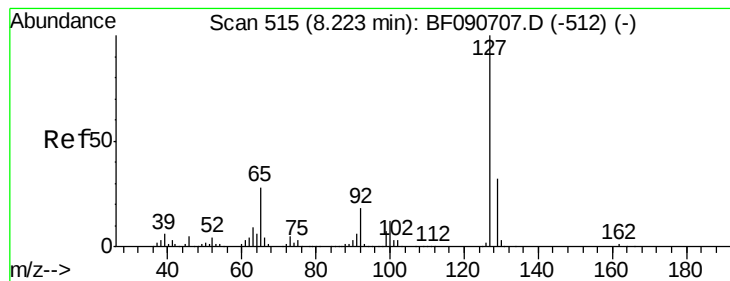
Abundance

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: 13.51 ng

RT: 8.22 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

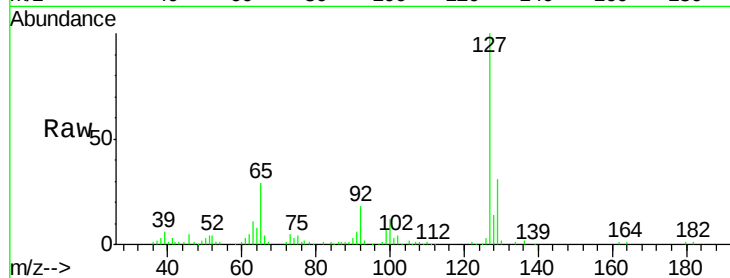
ClientSampleId :

PB94209BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.4	25.8	38.6
65	28.7	17.9	26.9
92	18.2	10.5	15.7

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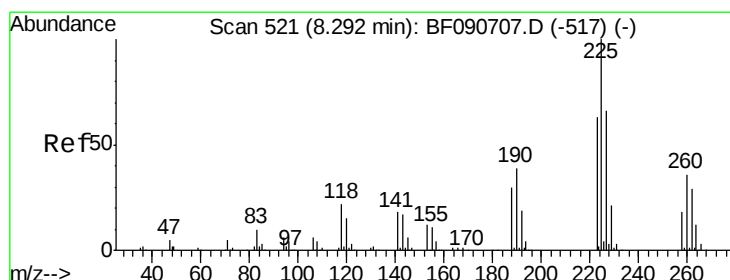
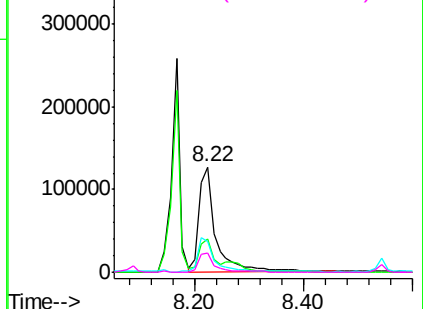
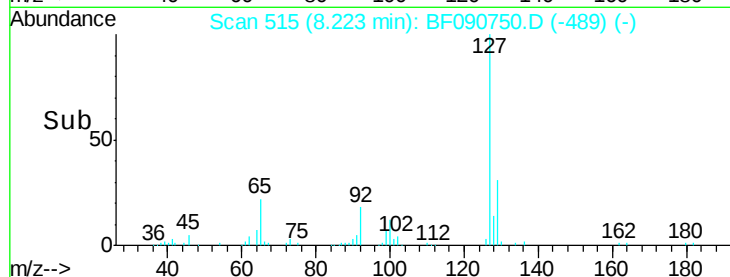


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.47 ng

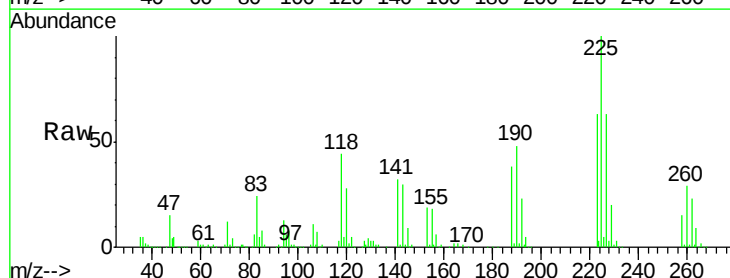
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

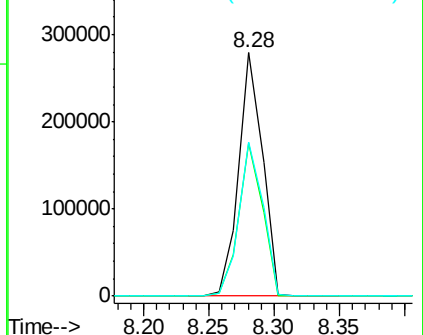
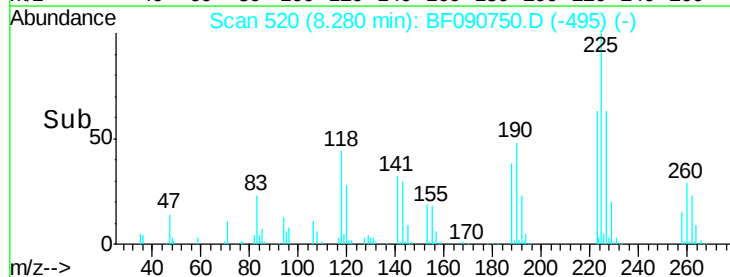
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.1	52.2	78.2

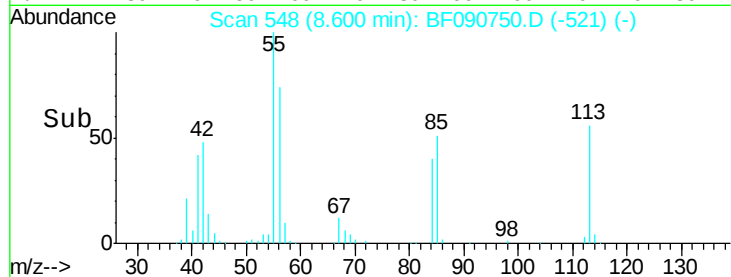
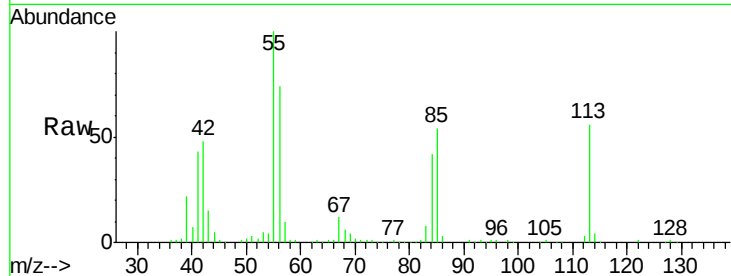
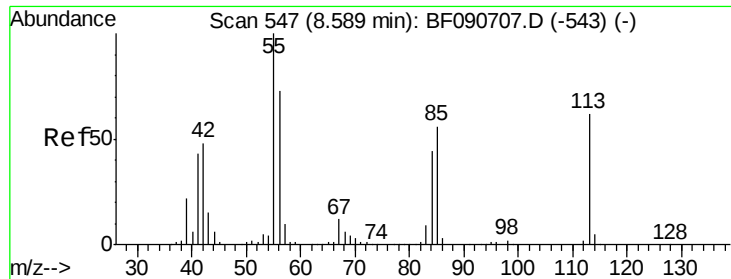


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





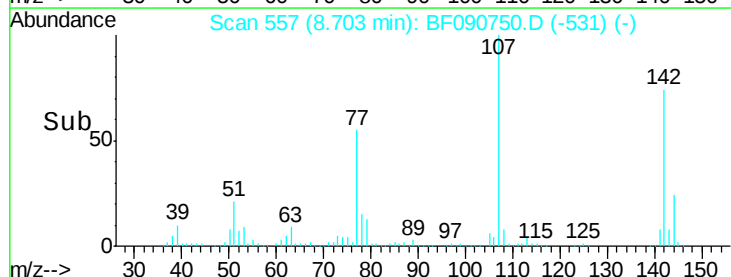
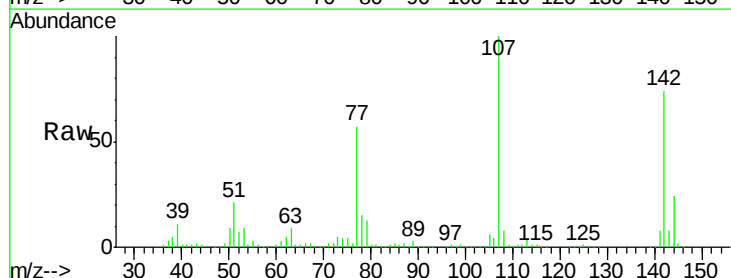
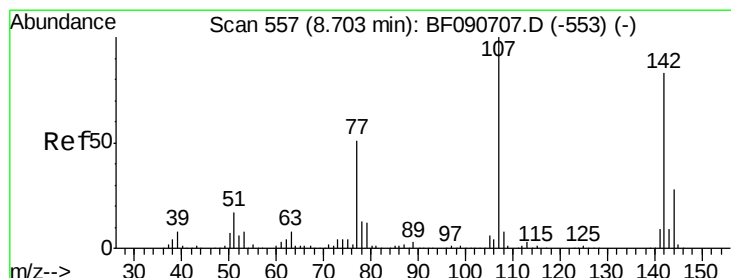
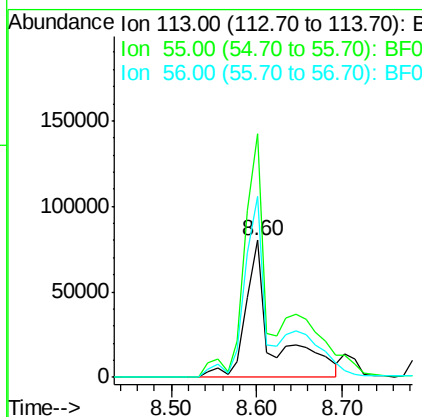
#35
Caprolactam
Concen: 48.65 ng/ml
RT: 8.60 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.4	152.4	192.4
56	131.7	104.6	144.6

Instrument :
BNA_F
ClientSampleId :
PB94209BS

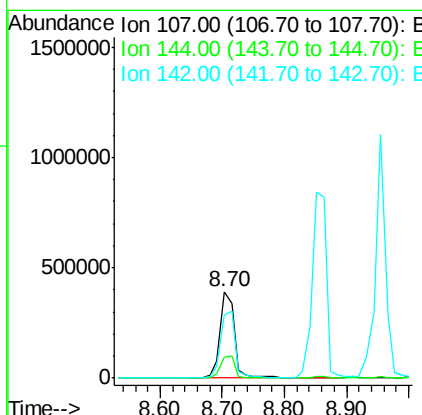
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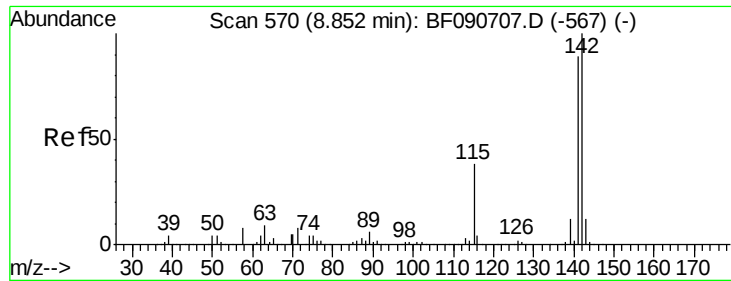
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#36
4-Chloro-3-methylphenol
Concen: 41.94 ng/ml
RT: 8.70 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	25.4	38.0#
142	73.9	77.3	115.9#





#37

2-Methylnaphthalene

Concen: 43.26 ng

RT: 8.85 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:142 Resp: 1355408

Ion Ratio Lower Upper

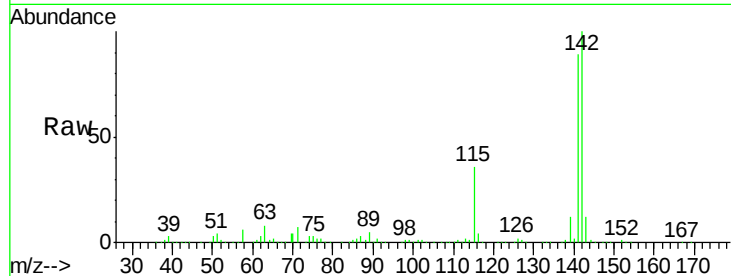
142 100

141 89.2 67.5 101.3

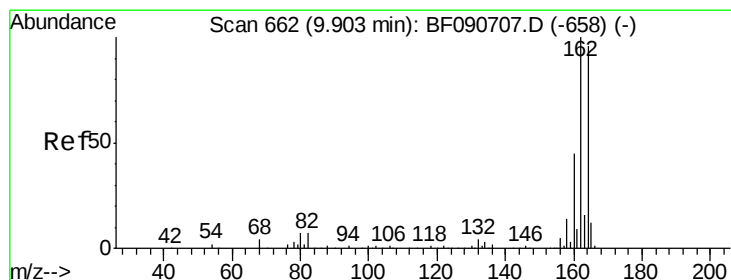
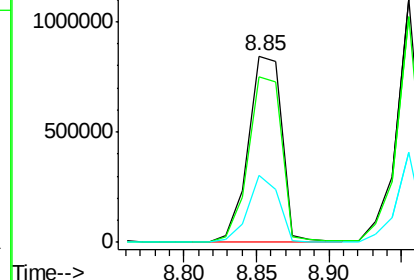
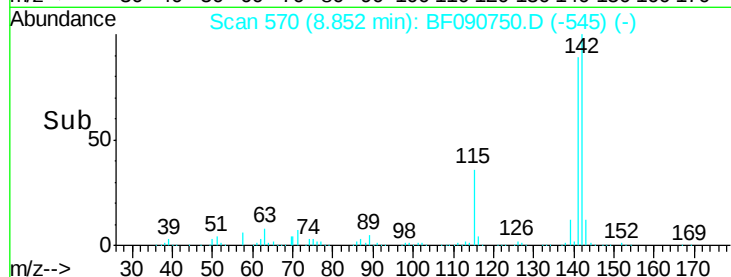
115 35.8 18.2 27.2#

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Abundance Ion 142.00 (141.70 to 142.70): E
1500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

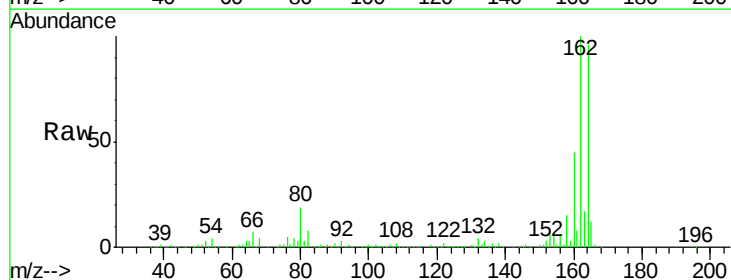
Tgt Ion:164 Resp: 551632

Ion Ratio Lower Upper

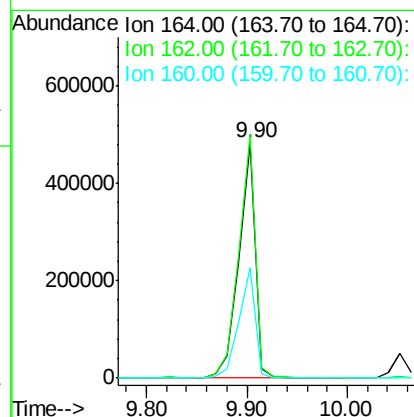
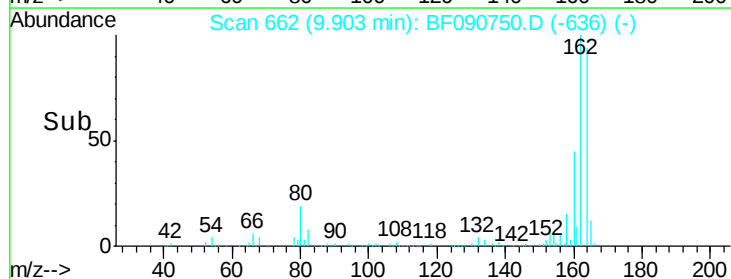
164 100

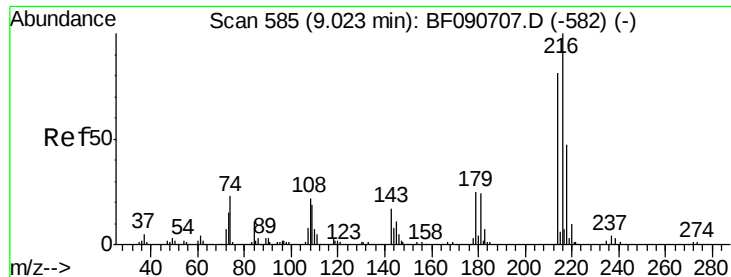
162 103.7 75.2 112.8

160 46.8 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.02 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

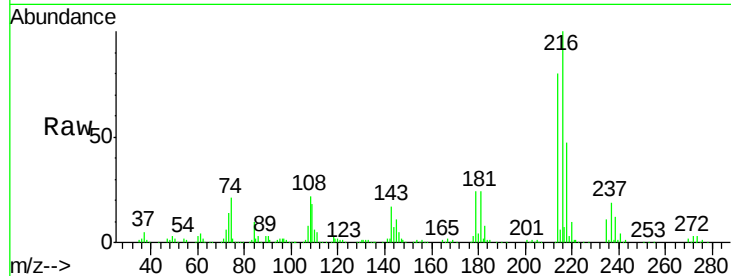
ClientSampleId :

PB94209BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		596099		
214	79.1		63.5	95.3	
179	22.6		16.6	24.8	
108	21.9		16.3	24.5	

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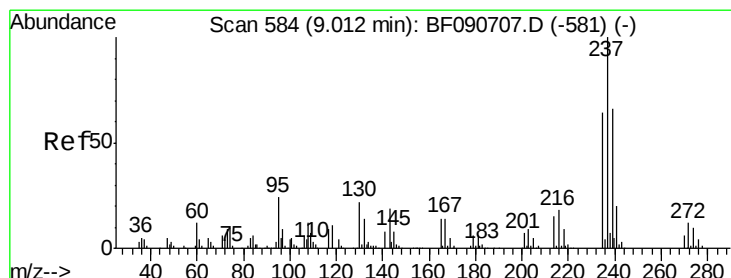
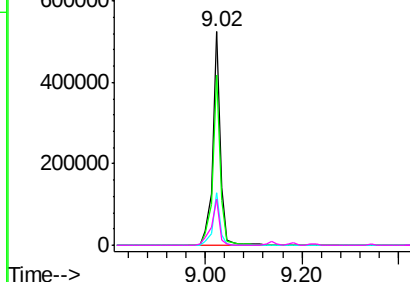
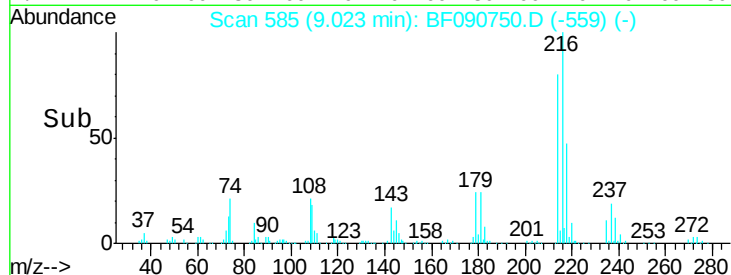


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.55 ng

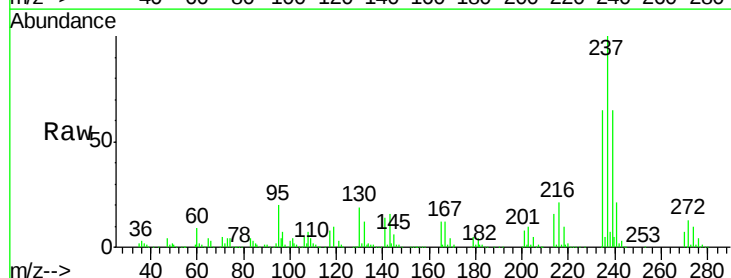
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

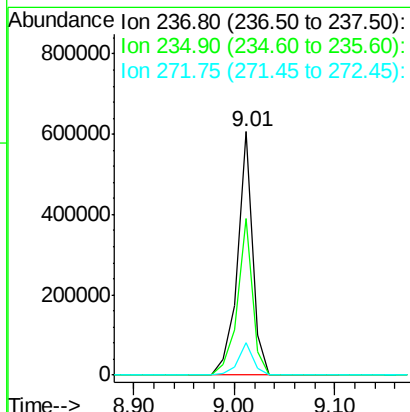
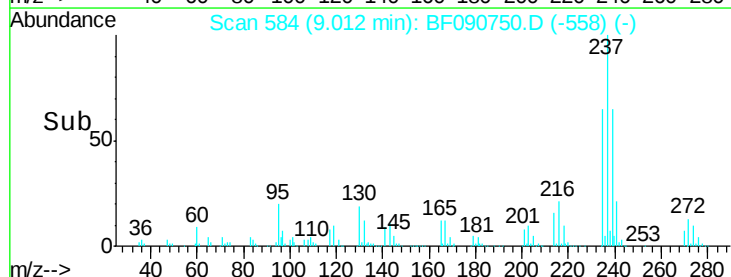
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		633180		
235	64.5		42.0	82.0	
272	13.2		0.0	36.1	

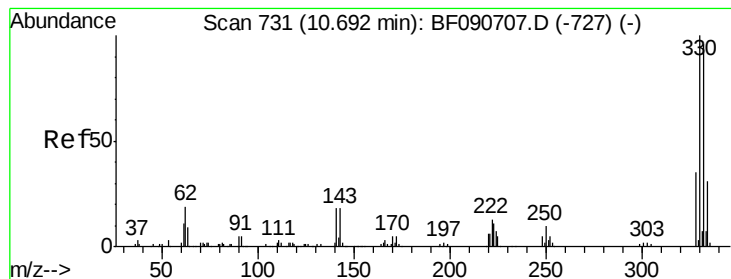


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





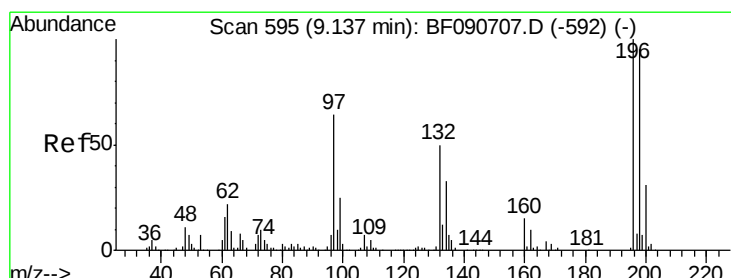
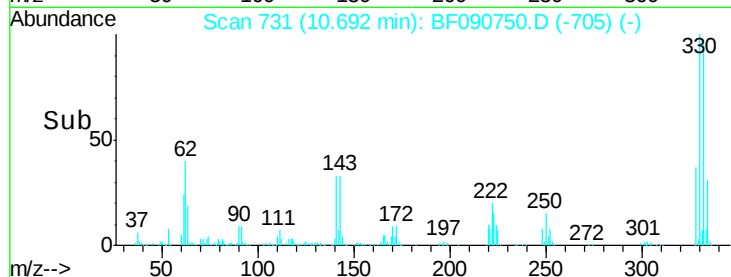
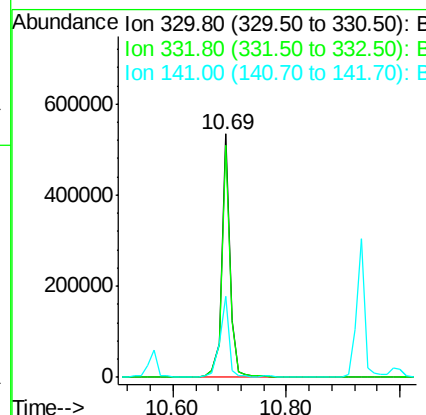
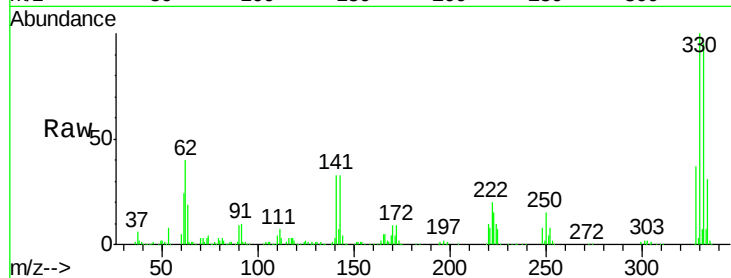
#41
 2,4,6-Tribromophenol
 Concen: 124.71 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	35.6	29.7	44.5

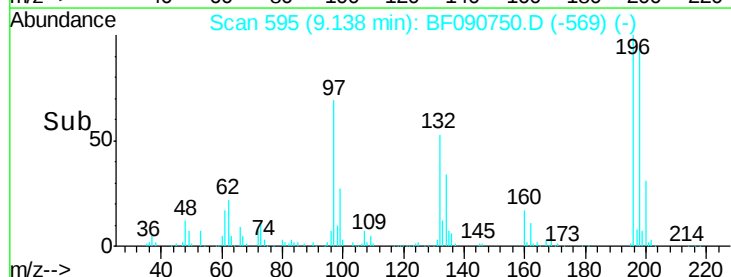
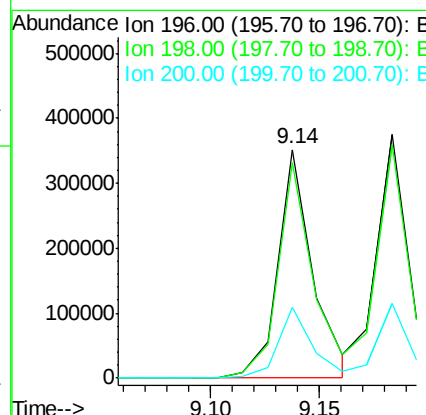
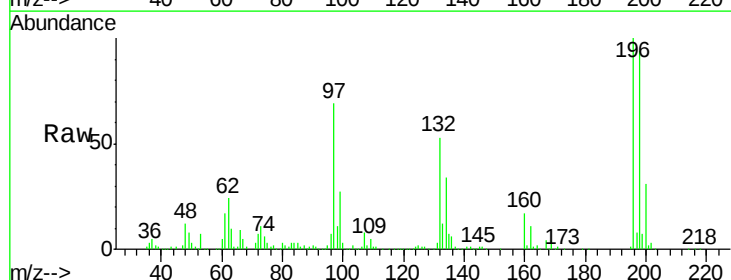
Manual Integrations
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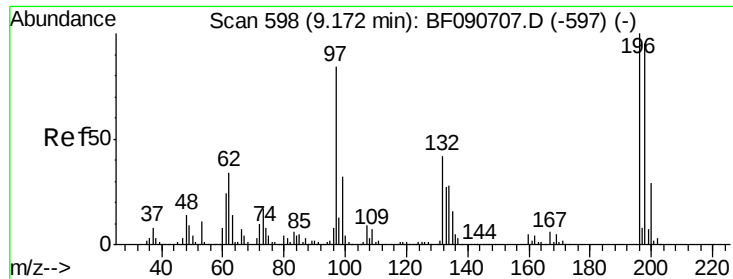
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#42
 2,4,6-Trichlorophenol
 Concen: 42.70 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.7	23.9	35.9





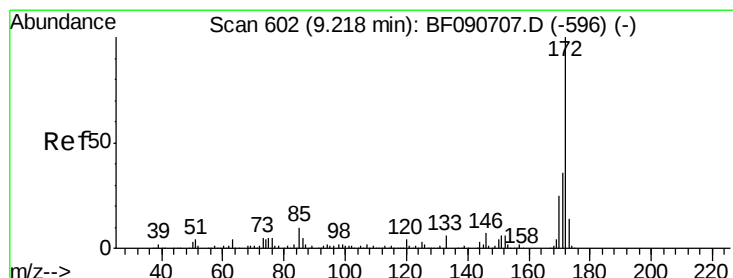
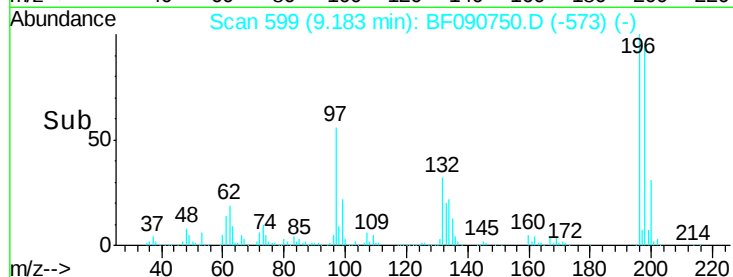
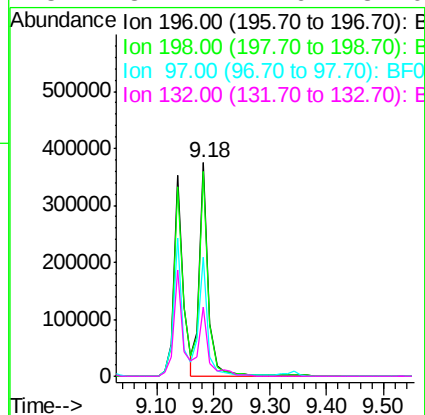
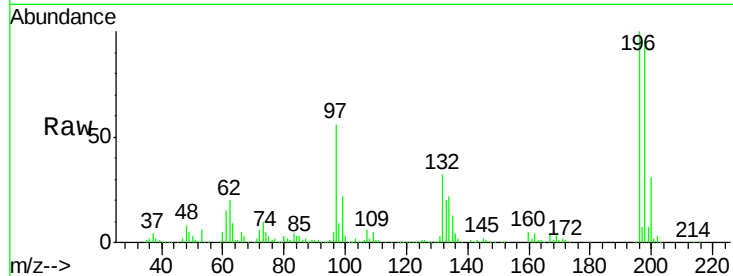
#43
2,4,5-Trichlorophenol
Concen: 43.81 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	410638		
198	95.6	75.4	113.0	
97	55.9	33.3	49.9	
132	32.4	24.6	37.0	

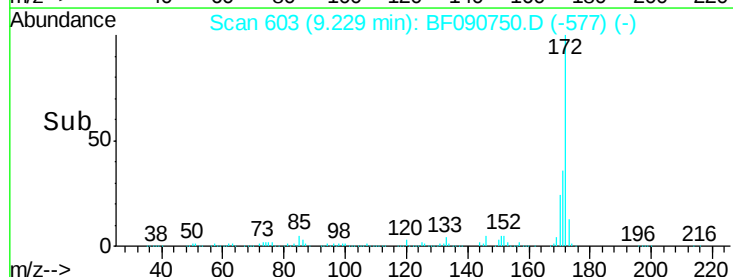
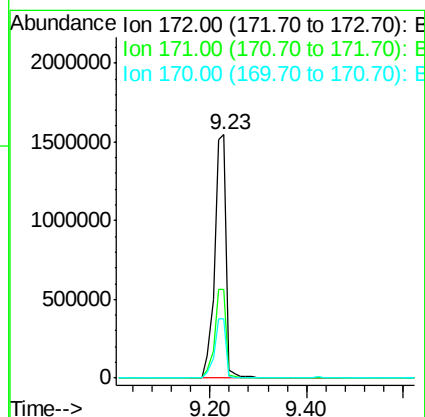
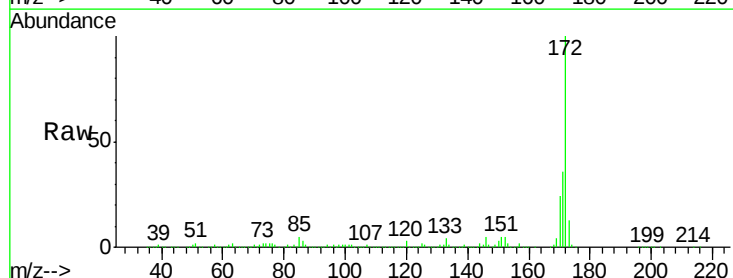
Manual Integrations
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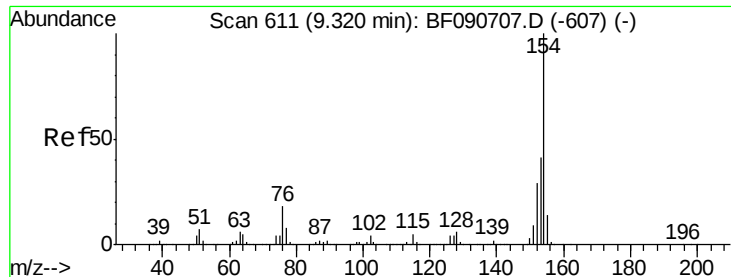
sohil
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#44
2-Fluorobiphenyl
Concen: 74.40 ng
RT: 9.23 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2643743		
171	36.4	26.1	39.1	
170	24.5	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 35.71 ng

RT: 9.32 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:154 Resp: 1547149

Ion Ratio Lower Upper

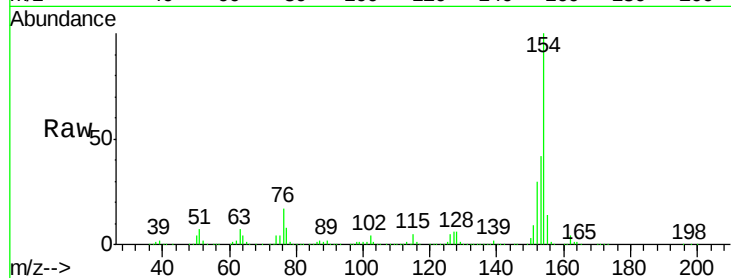
154 100

153 41.7 17.1 57.1

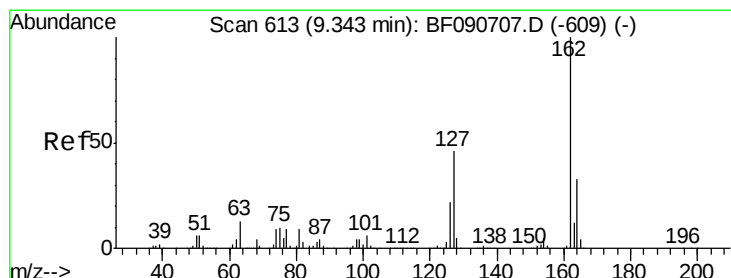
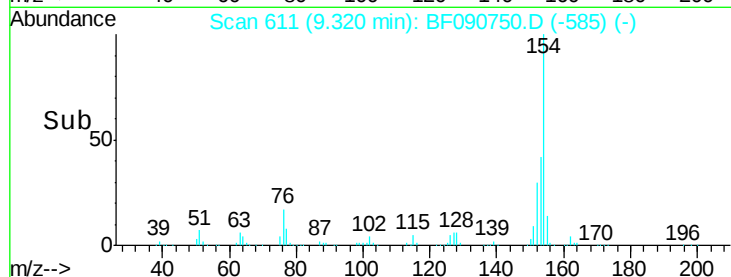
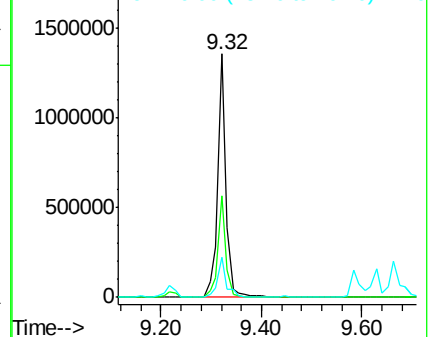
76 16.7 0.0 31.6

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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): E



#46

2-Chloronaphthalene

Concen: 38.80 ng

RT: 9.34 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

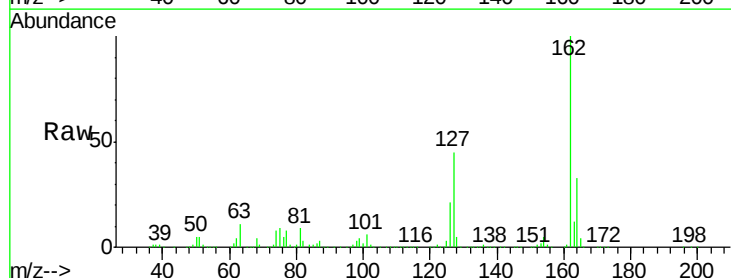
Tgt Ion:162 Resp: 1249429

Ion Ratio Lower Upper

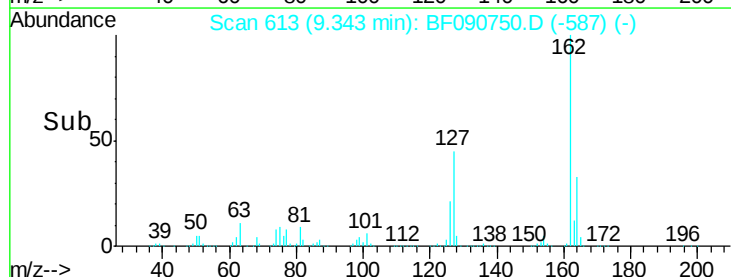
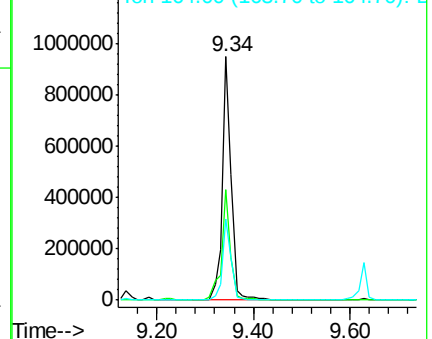
162 100

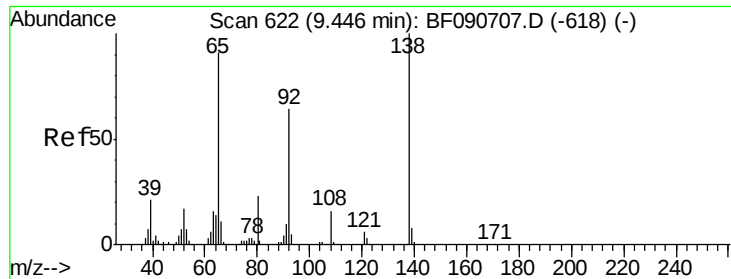
127 45.2 27.6 41.4#

164 33.2 25.4 38.2



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: 38.67 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion: 65 Resp: 413337
Ion Ratio Lower Upper

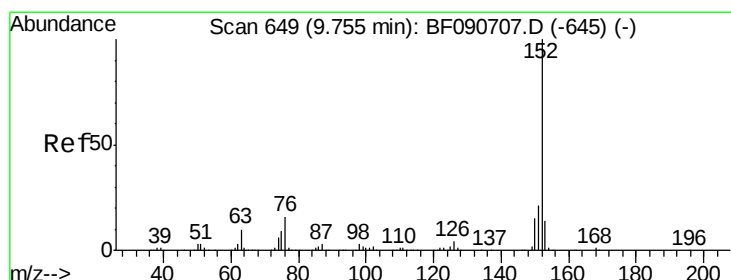
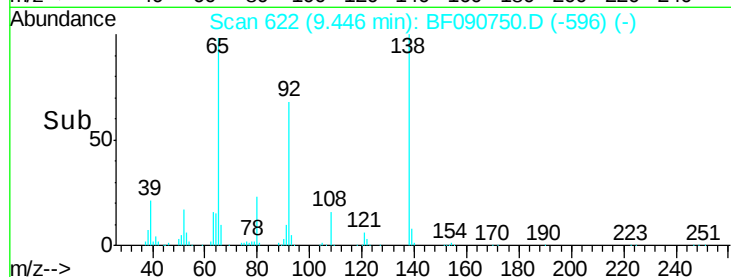
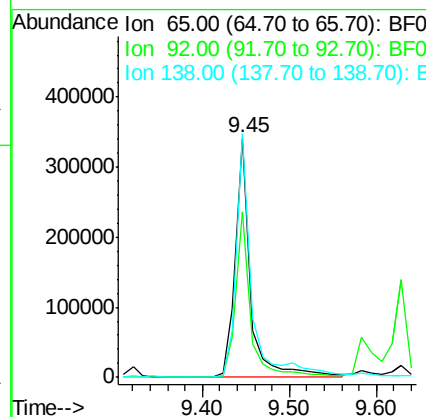
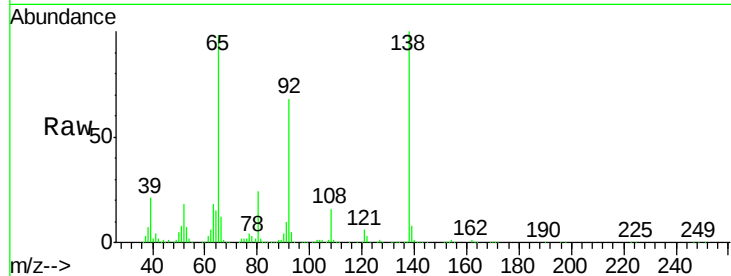
65 100

92 69.1 55.4 83.0

138 101.9 115.5 173.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 40.32 ng

RT: 9.77 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090750.D

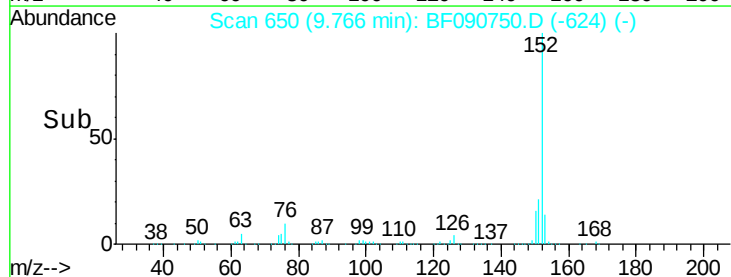
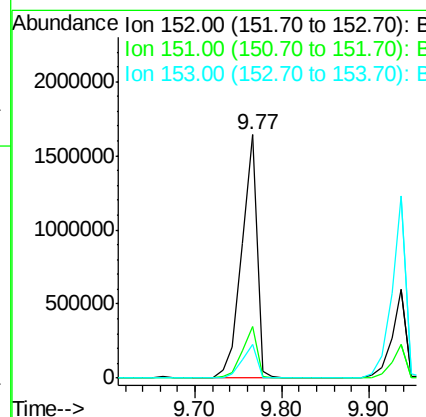
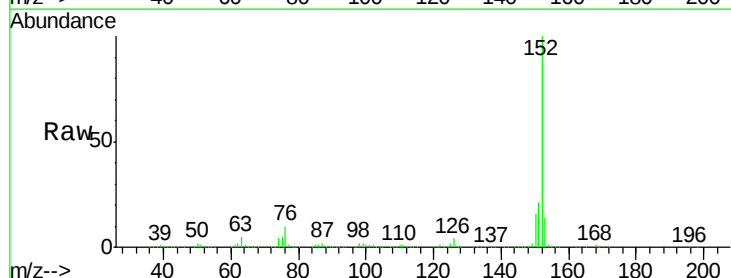
Acq: 22 Oct 2016 9:41

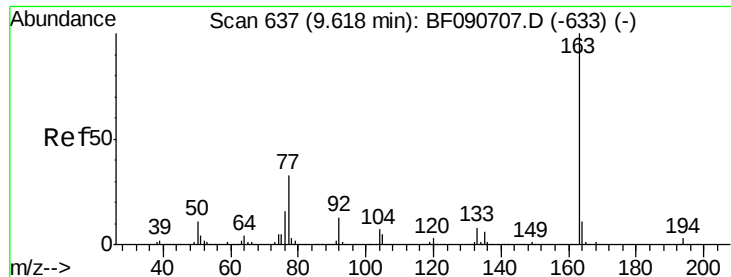
Tgt Ion: 152 Resp: 1980962
Ion Ratio Lower Upper

152 100

151 21.4 14.6 22.0

153 13.8 10.3 15.5





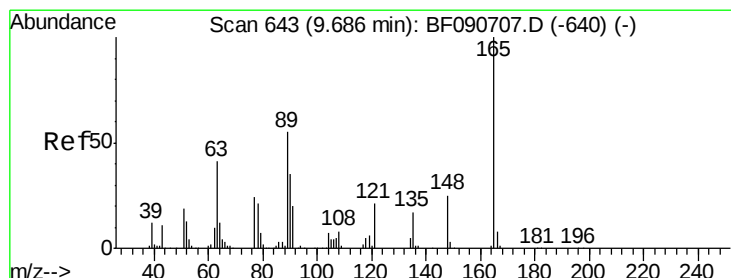
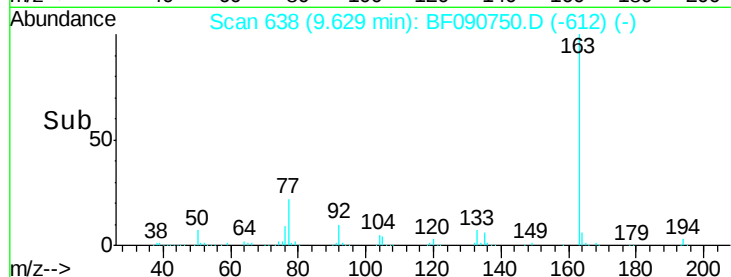
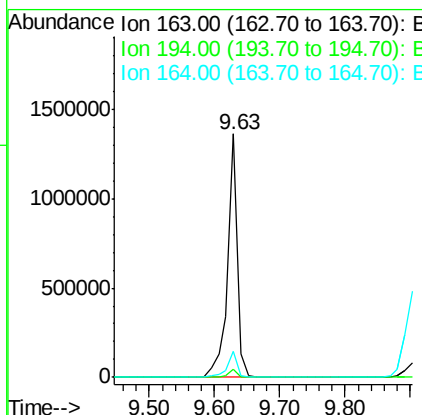
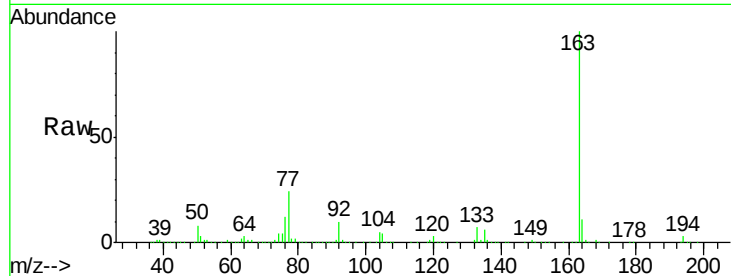
#49
Dimethylphthalate
Concen: 40.72 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion:163 Resp: 1411471
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.7 8.3 12.5

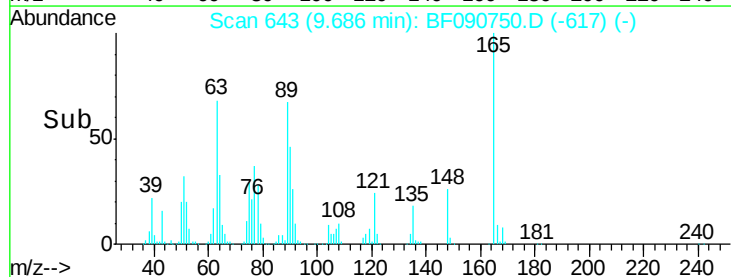
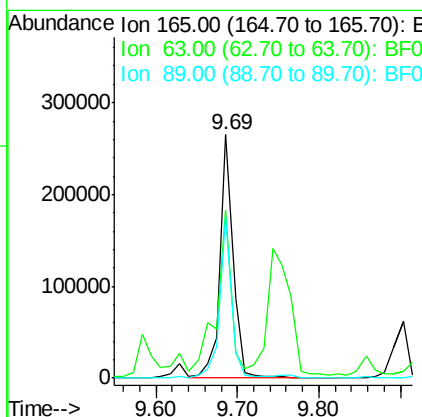
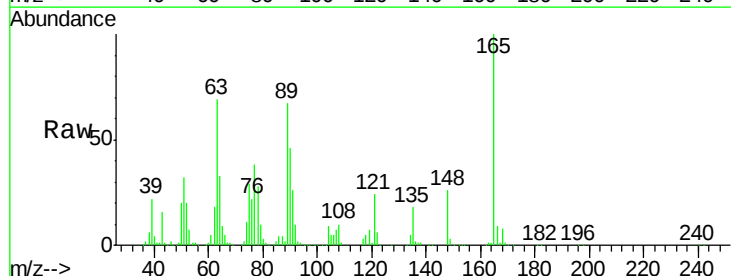
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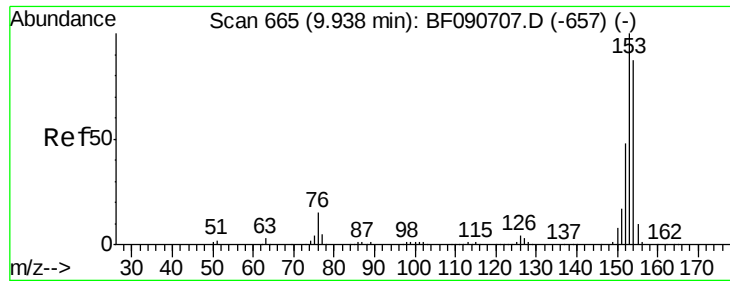
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#50
2,6-Dinitrotoluene
Concen: 39.60 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:165 Resp: 295185
Ion Ratio Lower Upper
165 100
63 69.1 32.3 48.5#
89 66.6 28.6 43.0#





#51

Acenaphthene

Concen: 41.97 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:154 Resp: 1369026

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

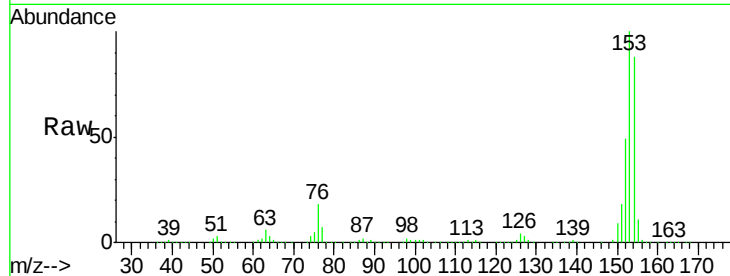
152 55.7 37.9 56.9

Manual Integrations

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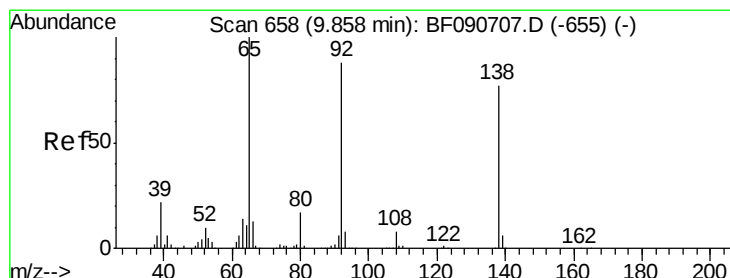
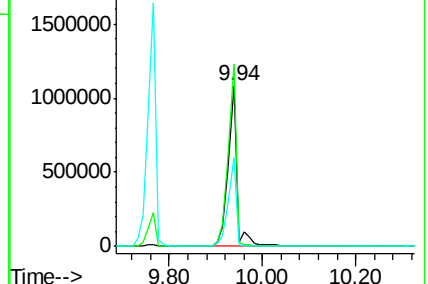
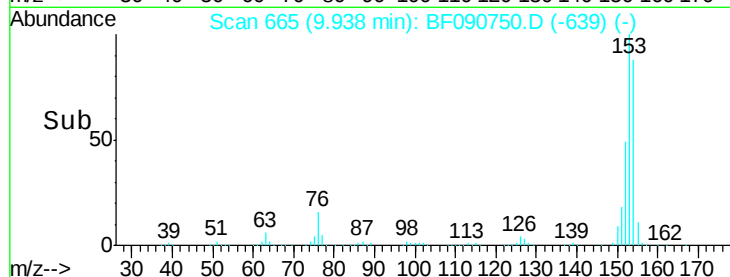
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.04 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

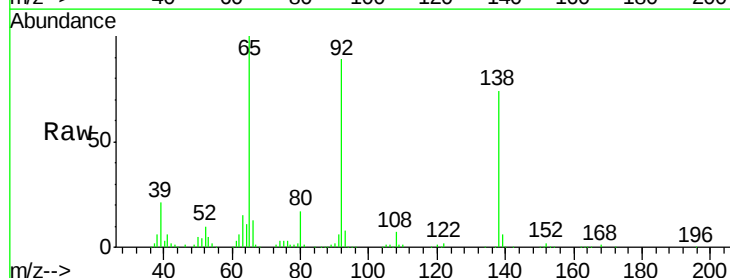
Tgt Ion:138 Resp: 163158

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

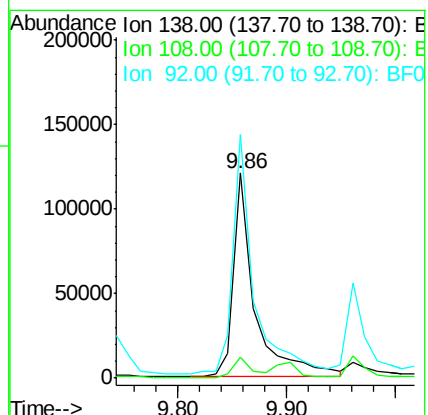
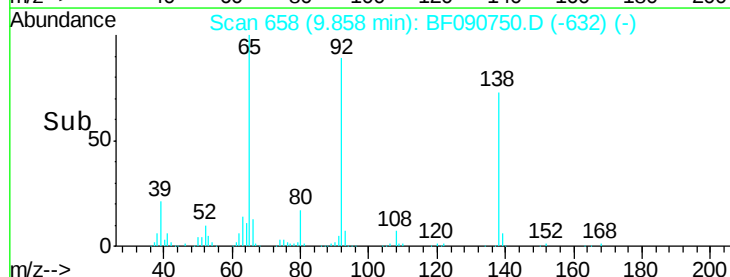
92 119.0 67.7 101.5#

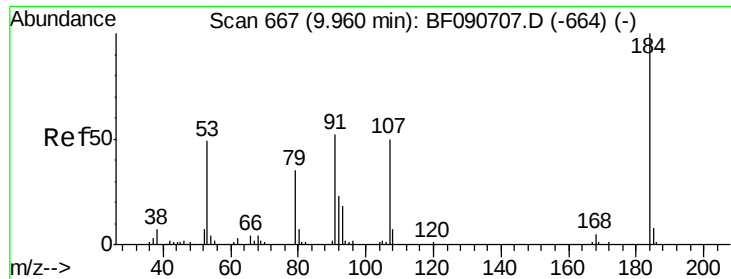


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





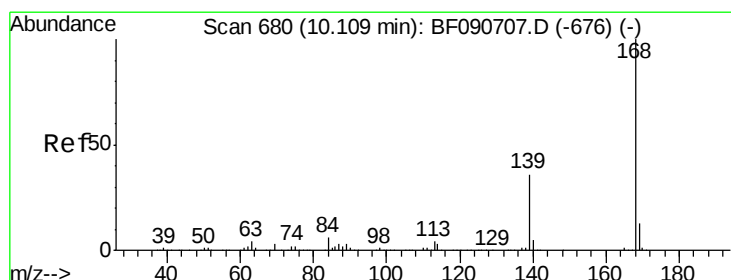
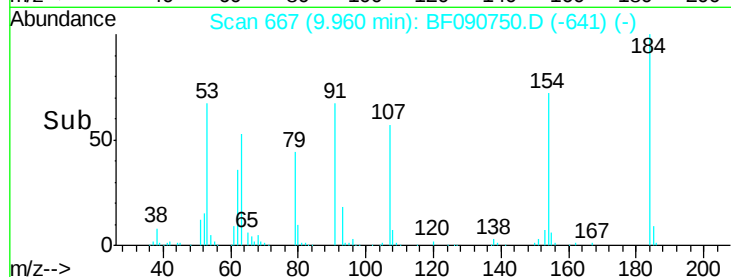
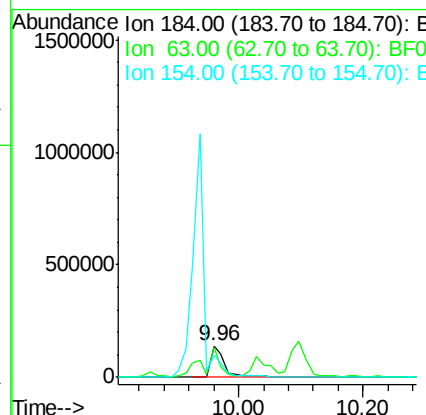
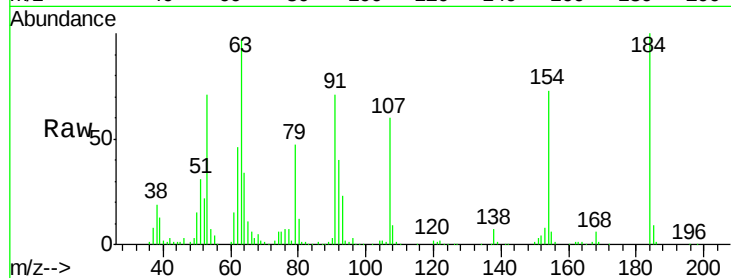
#53
2,4-Dinitrophenol
Concen: 60.76 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227362		
63	96.5	35.4	53.2#	
154	72.8	32.2	48.4#	

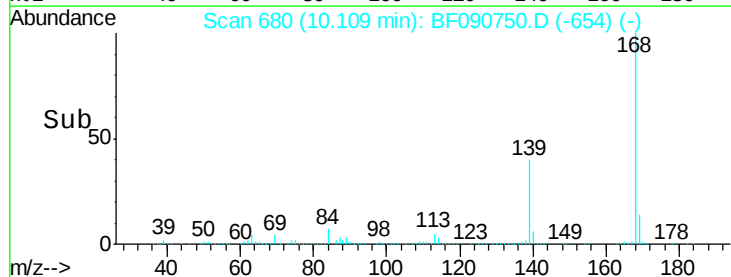
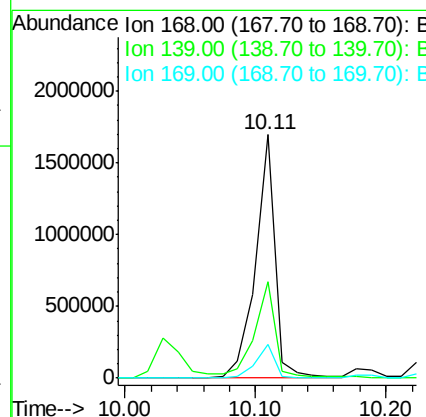
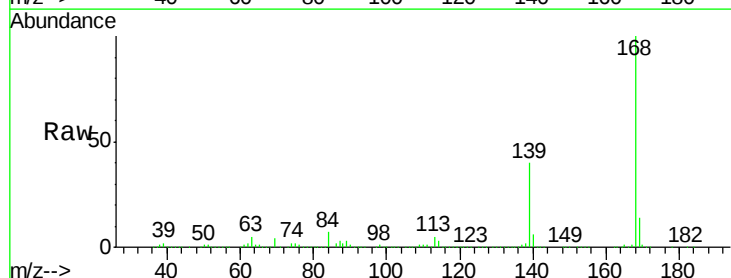
Manual Integrations
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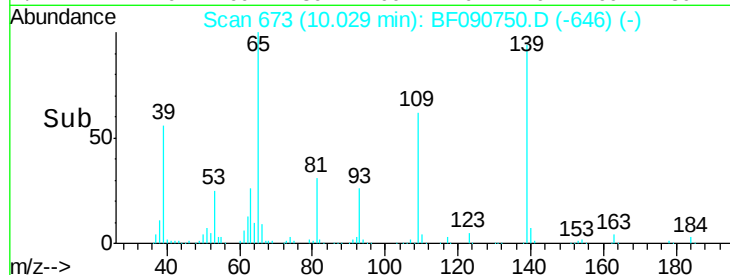
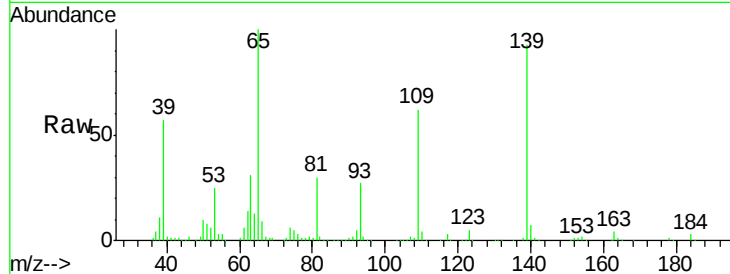
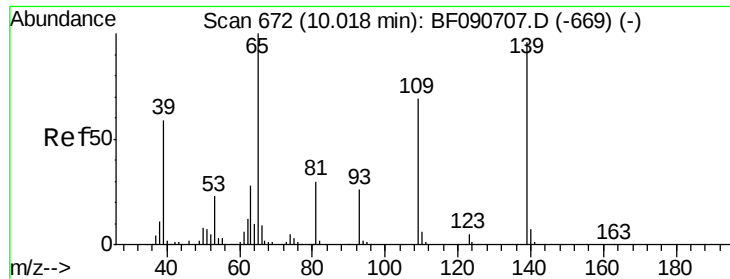
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#54
Dibenzofuran
Concen: 45.19 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1785592		
139	39.5	24.2	36.2#	
169	14.1	10.6	15.8	





#55

4-Nitrophenol

Concen: 80.60 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.6	12.7	52.7#	
65	107.5	45.9	85.9#	

Instrument :

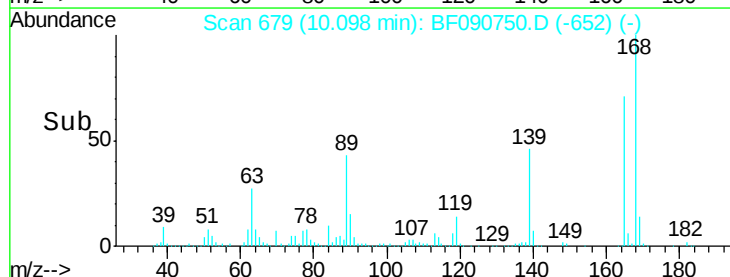
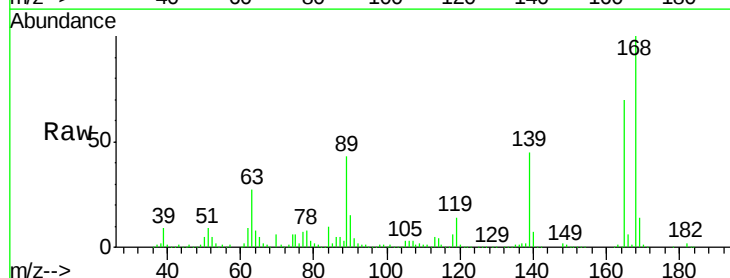
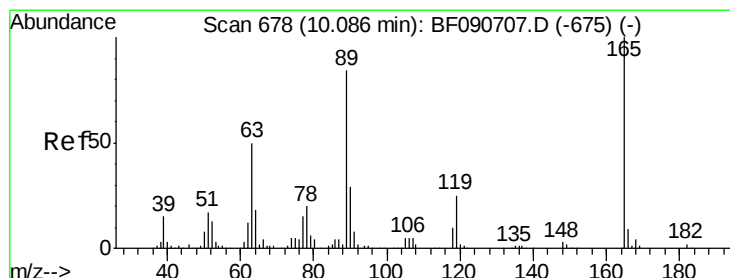
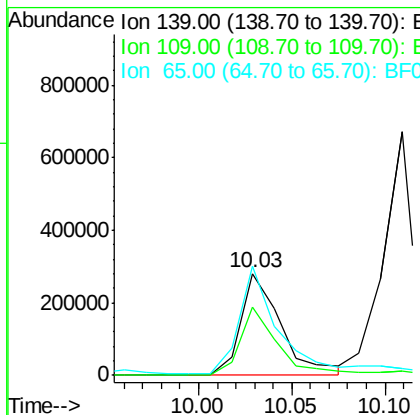
BNA_F

ClientSampleId :

PB94209BS

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 50.63 ng

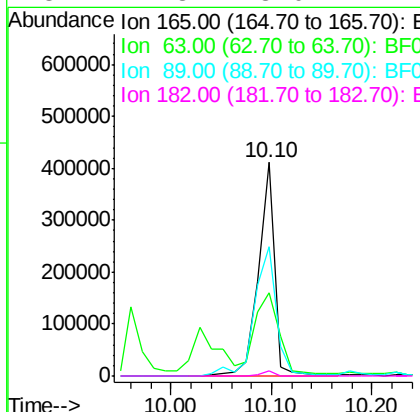
RT: 10.10 min Scan# 679

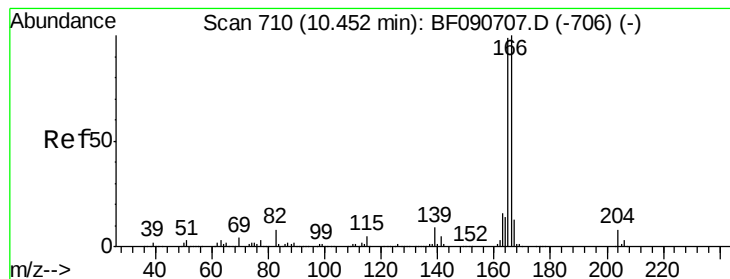
Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.7	29.8	44.6	
89	60.7	44.5	66.7	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 43.56 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:166 Resp: 1426205

Ion Ratio Lower Upper

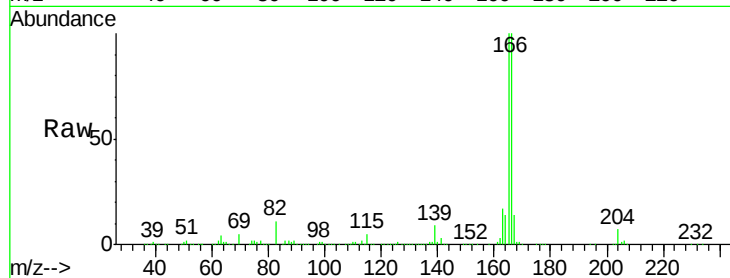
166 100

165 100.3 72.6 109.0

167 13.7 10.6 16.0

Manual Integrations
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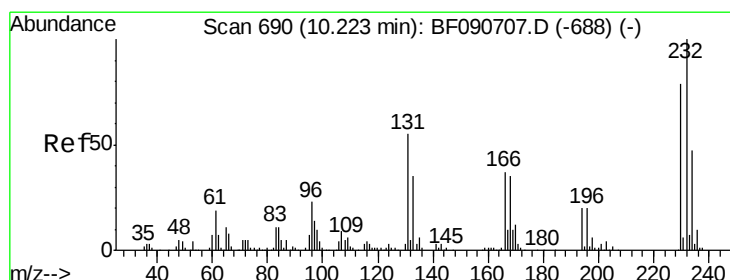
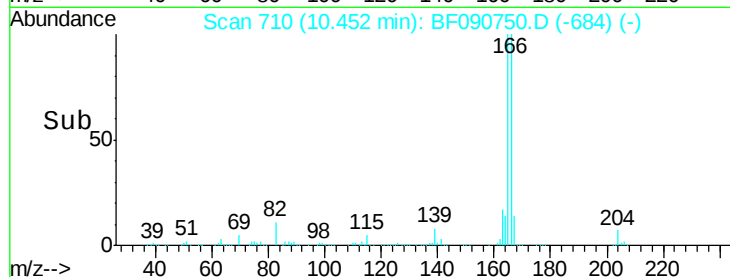
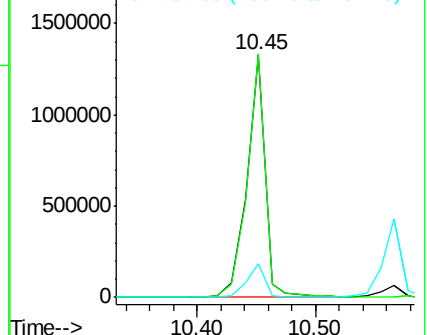
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.48 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:232 Resp: 327177

Ion Ratio Lower Upper

232 100

131 52.4 38.5 57.7

130 2.5 1.8 2.6

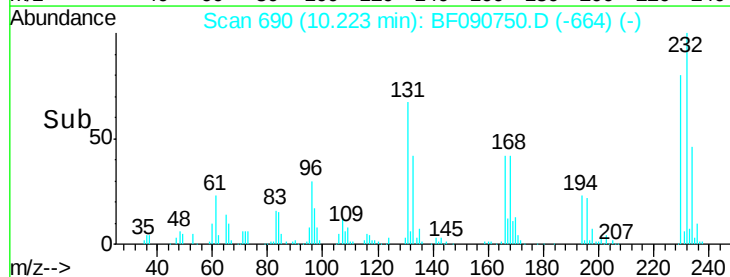
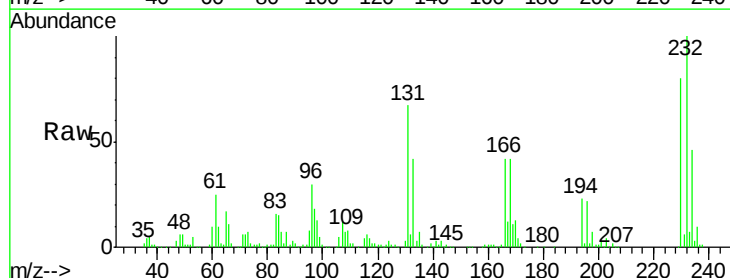
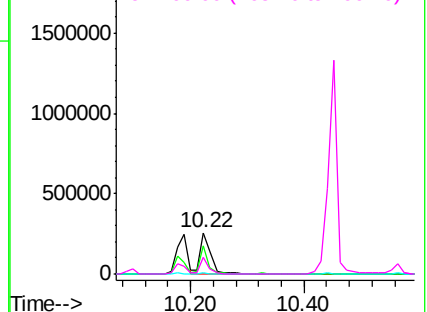
166 33.1 25.0 37.6

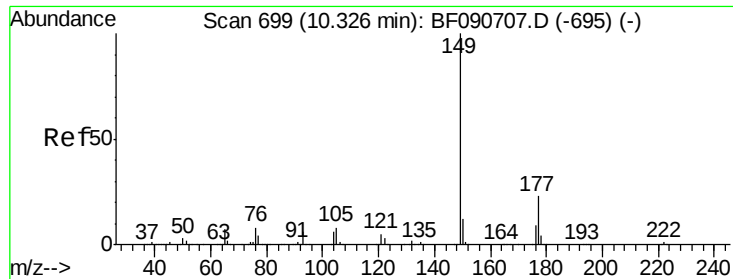
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





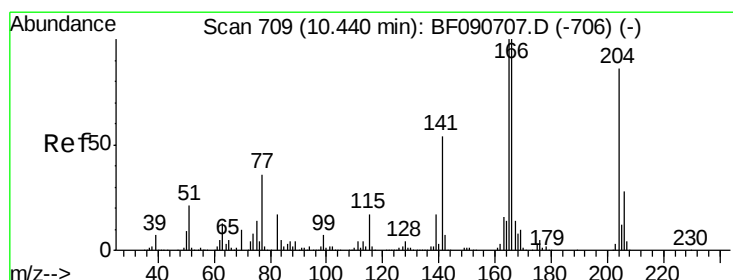
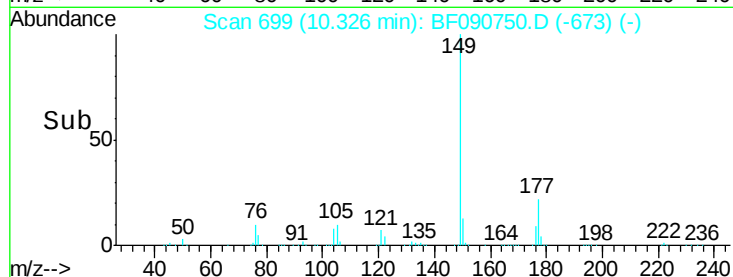
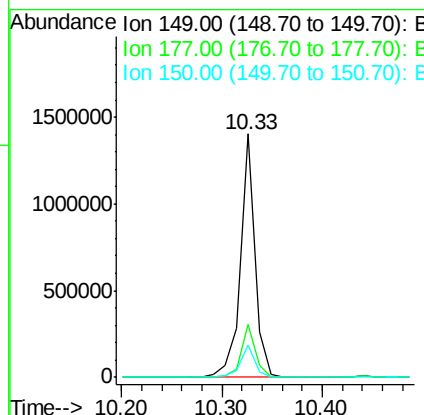
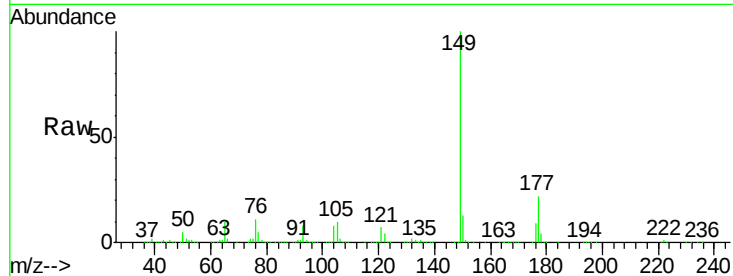
#59
Diethylphthalate
Concen: 39.44 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion:149 Resp: 1417865
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 13.1 9.4 14.2

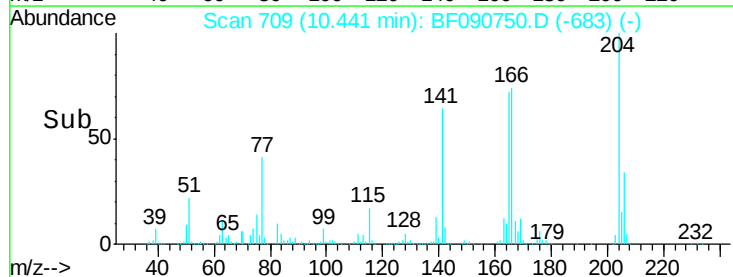
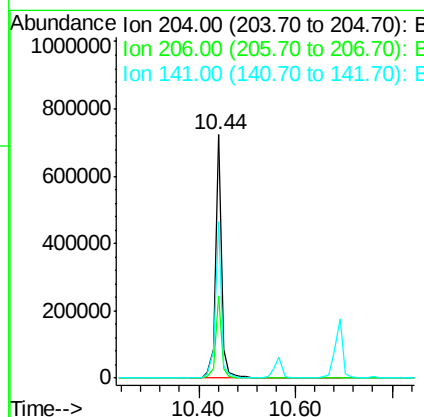
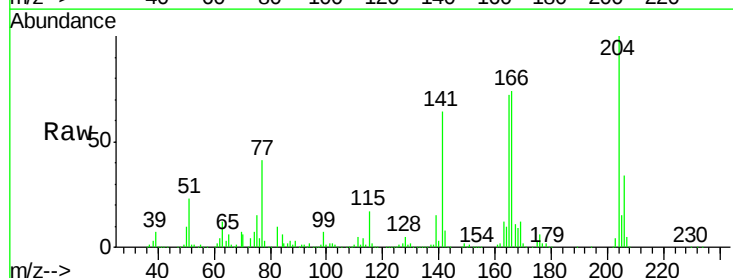
Manual Integrations
APPROVED

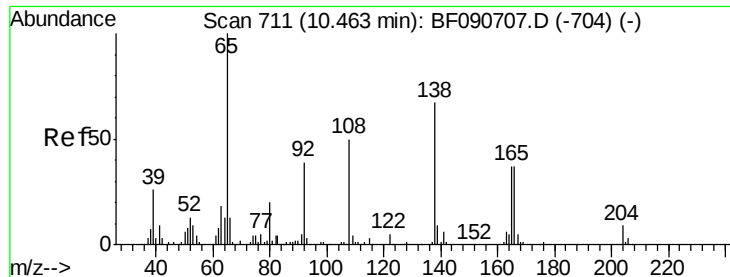
sohil
10/24/2016 3:53:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.06 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:204 Resp: 659341
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 64.4 42.2 63.4#





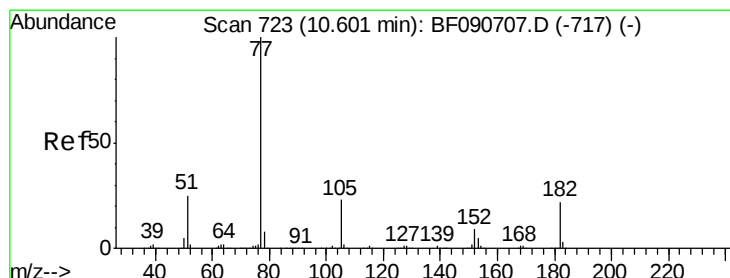
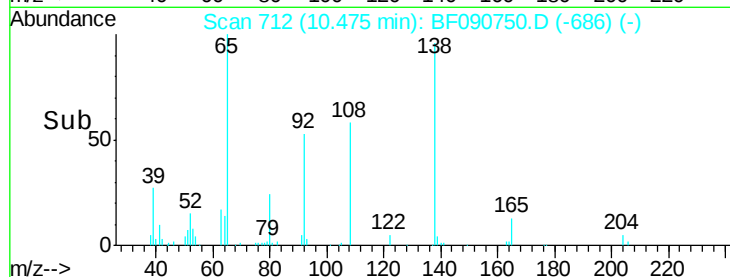
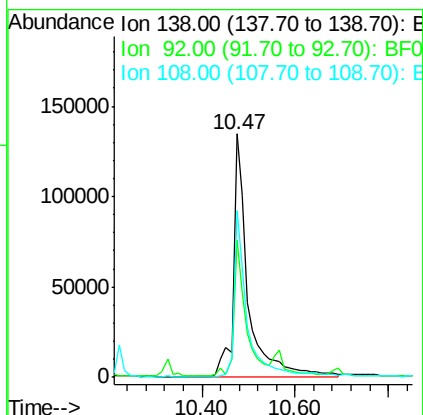
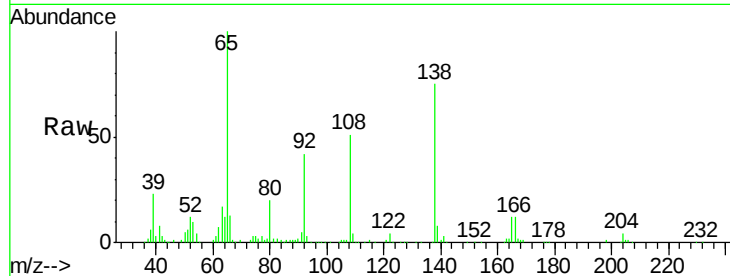
#61
4-Nitroaniline
Concen: 34.48 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	299241		
92	56.3	12.6	52.6#	
108	68.5	12.4	52.4#	

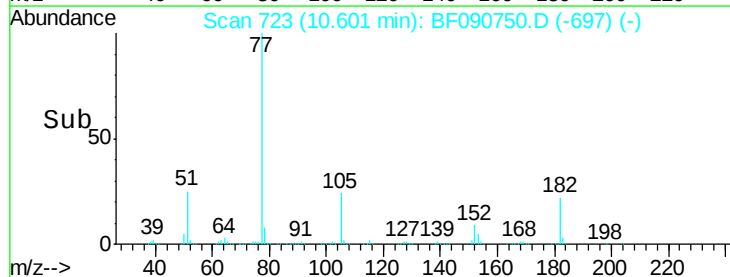
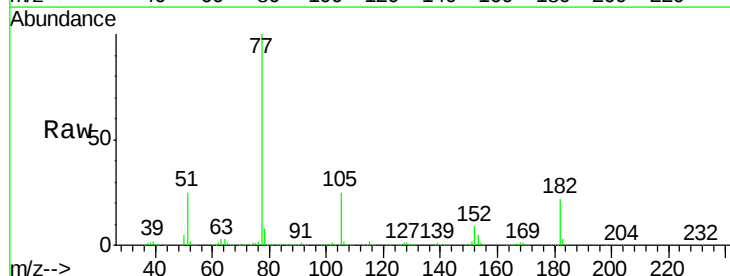
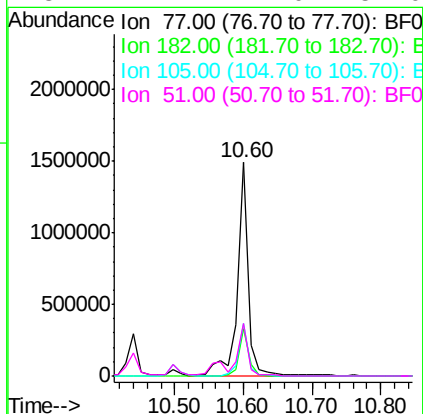
Manual Integrations
APPROVED

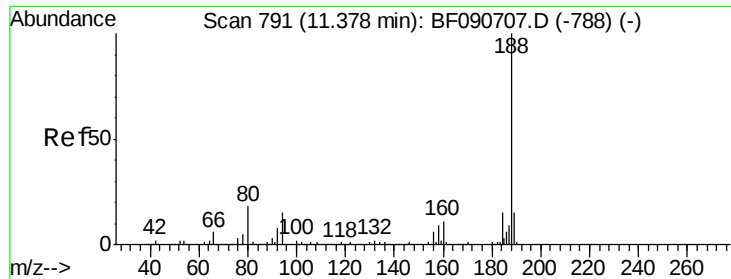
sohil
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#62
Azobenzene
Concen: 39.67 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1670150		
182	22.0	15.1	55.1	
105	24.6	3.4	43.4	
51	24.7	12.0	52.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

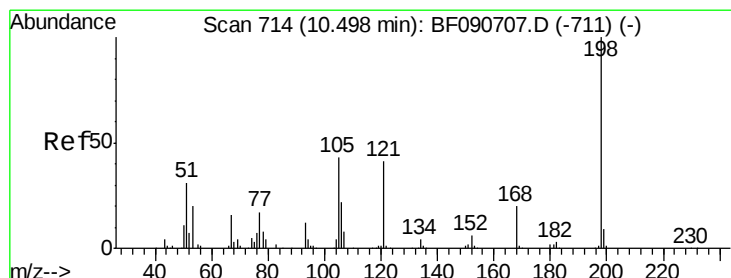
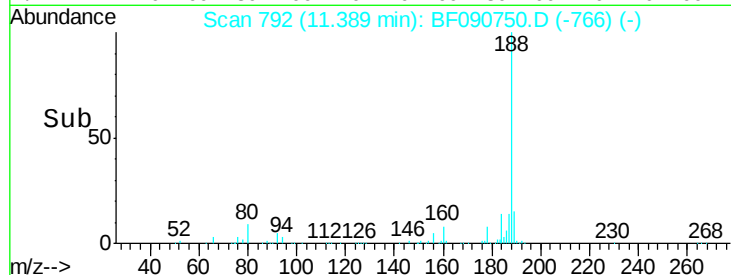
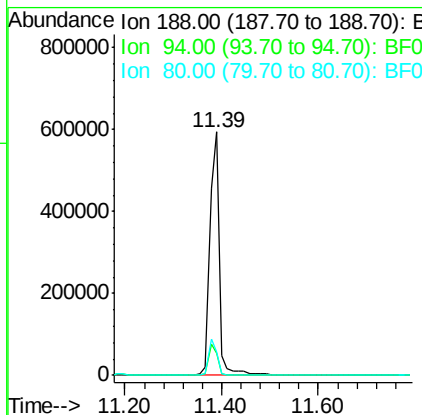
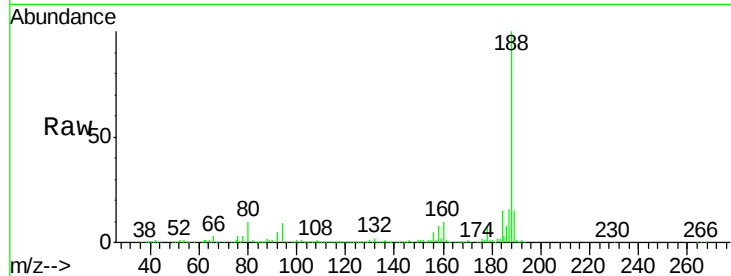
ClientSampleId :

PB94209BS

Tot Ion:188	Resp:	824134
Ion Ratio	Lower	Upper
188 100		
94 8.9	11.1	16.7#
80 9.6	11.0	16.4#

Manual Integrations
APPROVED

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.18 ng

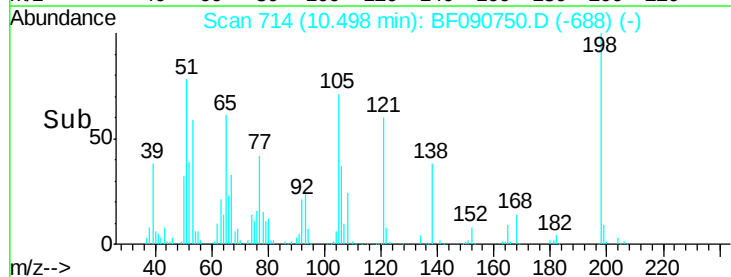
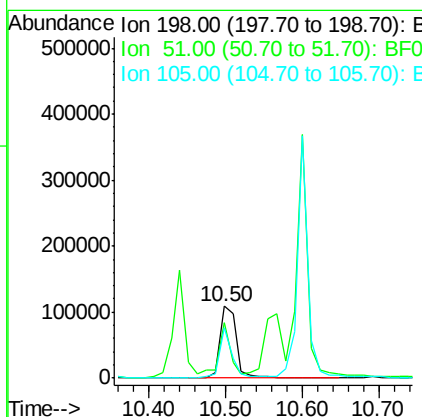
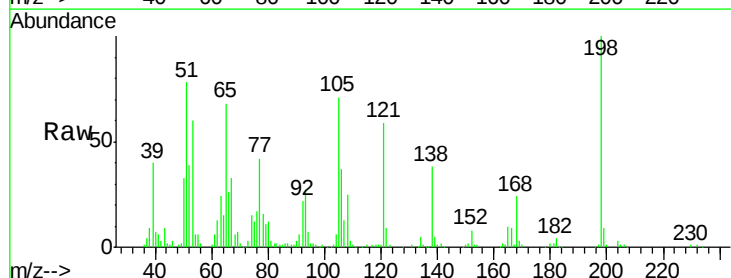
RT: 10.50 min Scan# 714

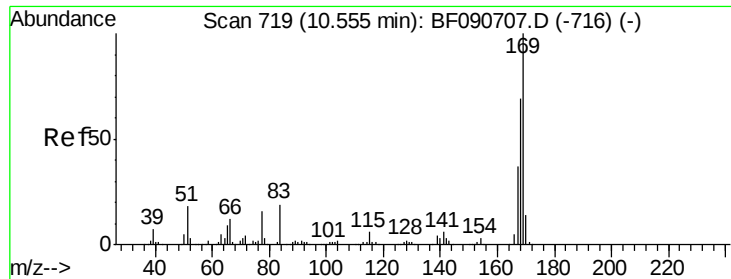
Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:198	Resp:	167132
Ion Ratio	Lower	Upper
198 100		
51 78.1	39.6	79.6
105 70.8	28.5	68.5#





#65

n-Nitrosodiphenylamine

Concen: 46.47 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampled :

PB94209BS

Tot Ion:169 Resp: 1227043

Ion Ratio Lower Upper

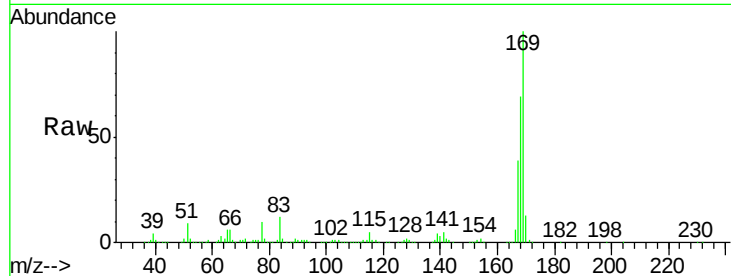
169 100

168 69.0 48.9 73.3

167 38.7 26.2 39.4

Manual Integrations
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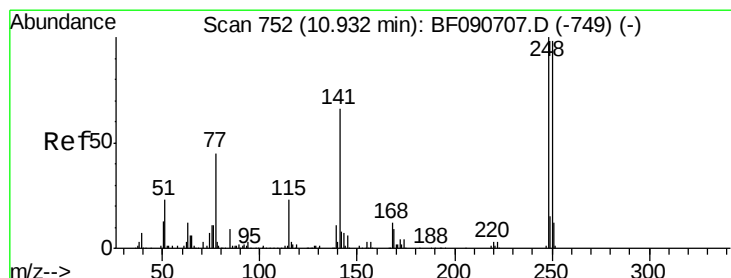
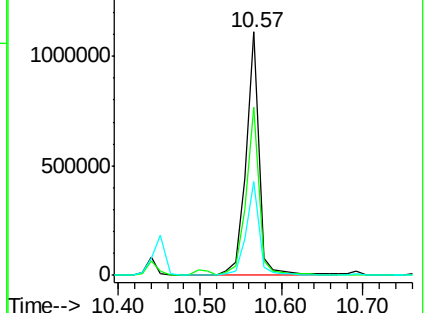
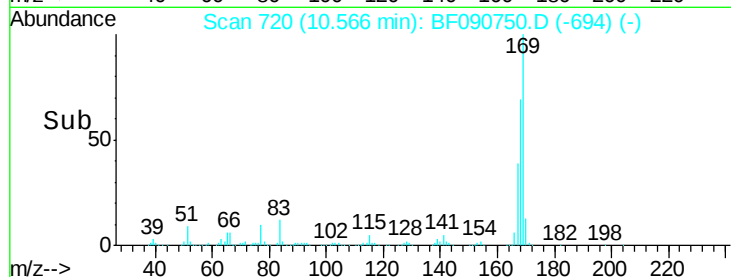
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.10 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

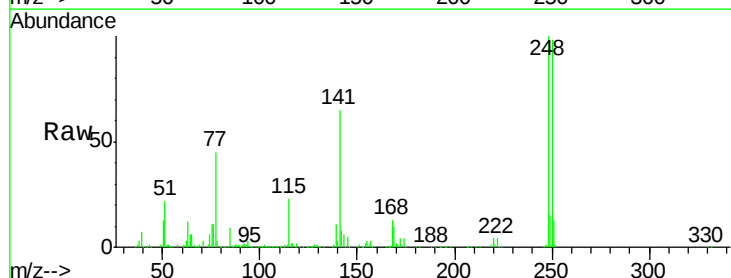
Tgt Ion:248 Resp: 408259

Ion Ratio Lower Upper

248 100

250 97.6 78.5 117.7

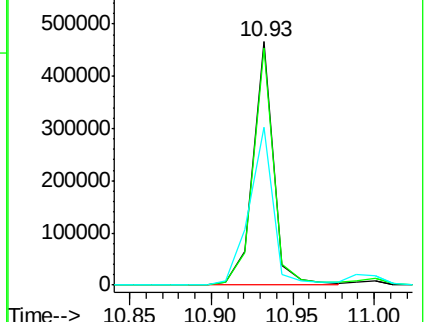
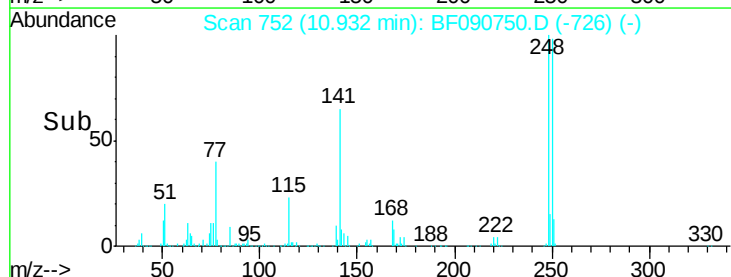
141 65.1 59.0 88.6

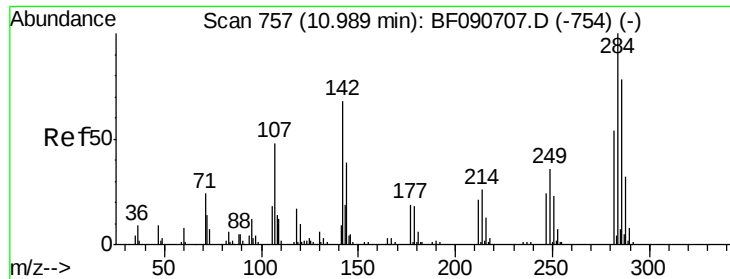


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





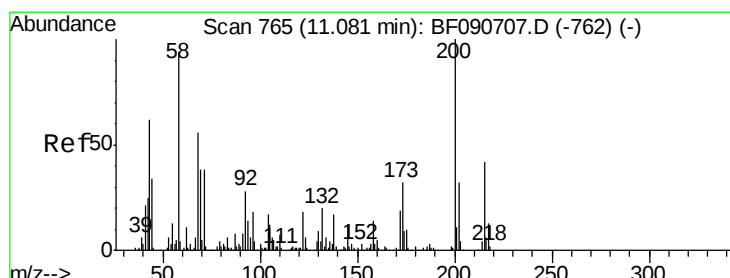
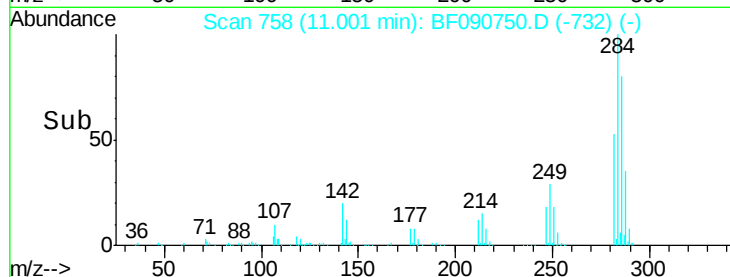
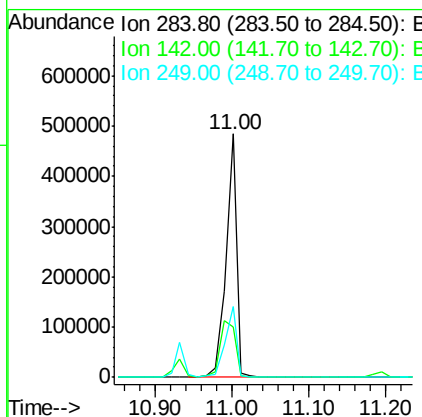
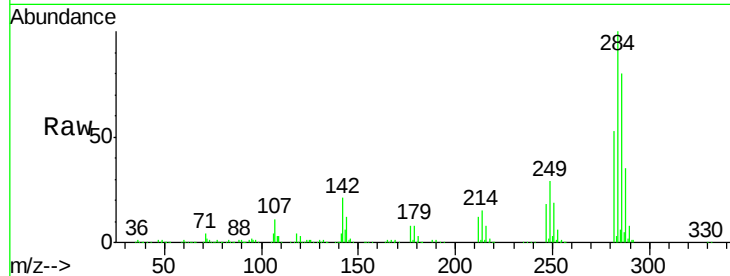
#67
Hexachlorobenzene
Concen: 50.52 ng
RT: 11.00 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	476279		
142	20.6		29.5	44.3#
249	29.0		19.5	29.3

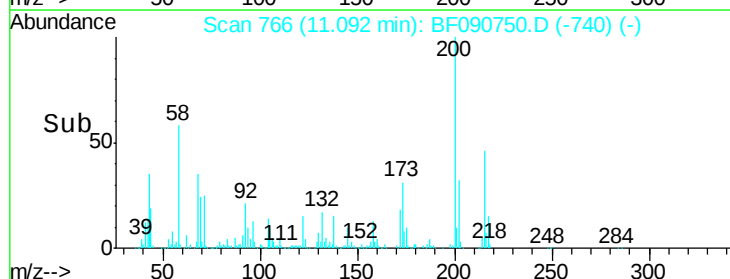
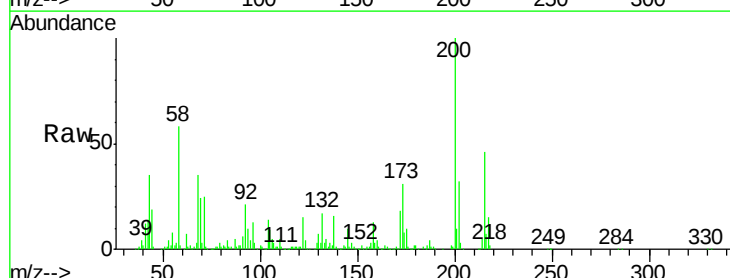
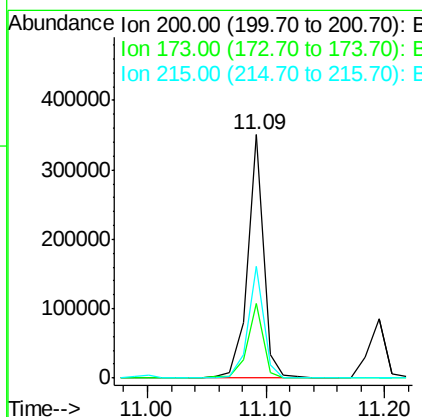
Manual Integrations
APPROVED

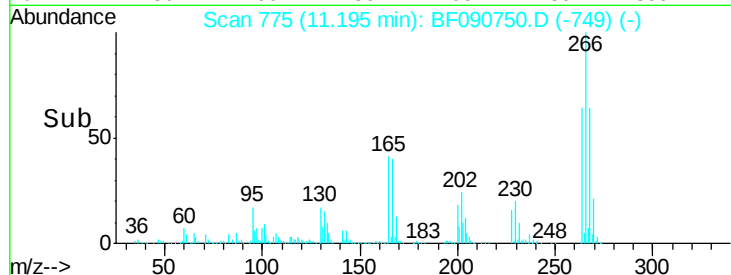
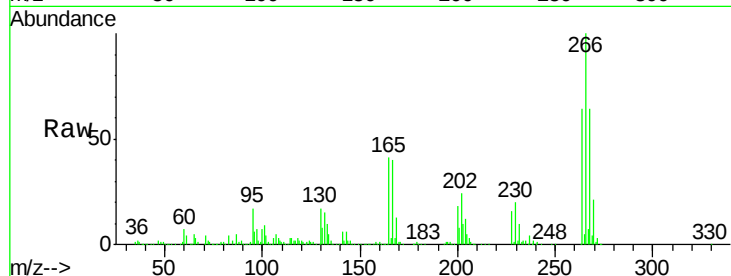
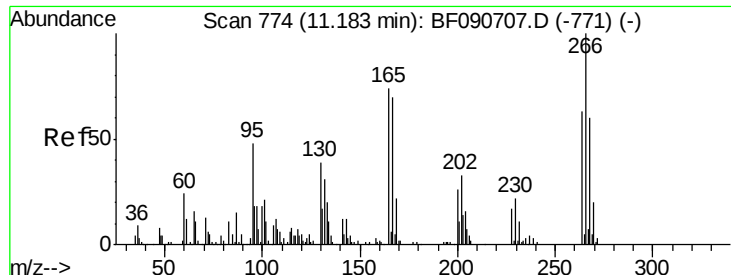
sohil
10/24/2016 3:53:44 PM



#68
Atrazine
Concen: 45.47 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	331380		
173	30.5		13.2	53.2
215	45.8		41.8	81.8





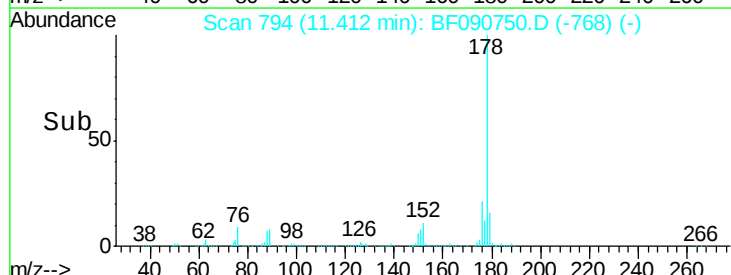
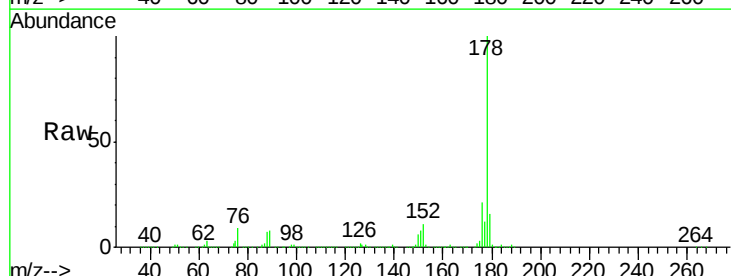
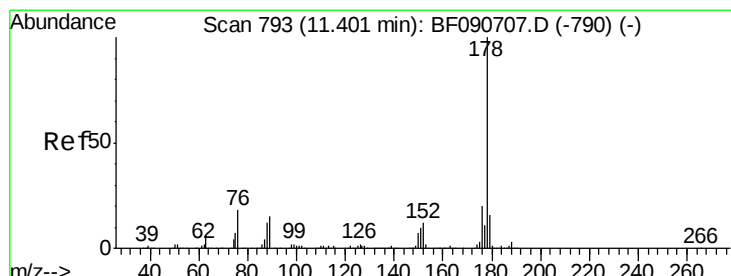
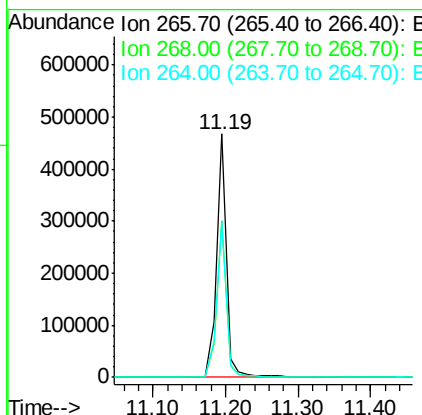
#69
 Pentachlorophenol
 Concen: 76.09 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.6
264	64.0	50.2	75.2

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

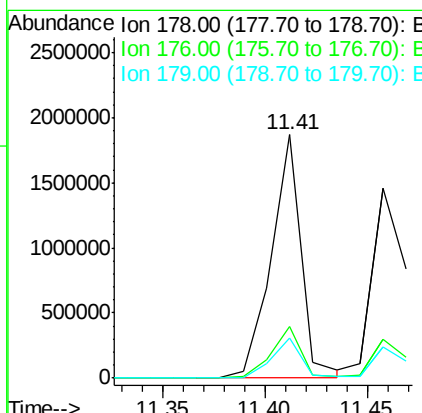
Manual Integrations
 APPROVED

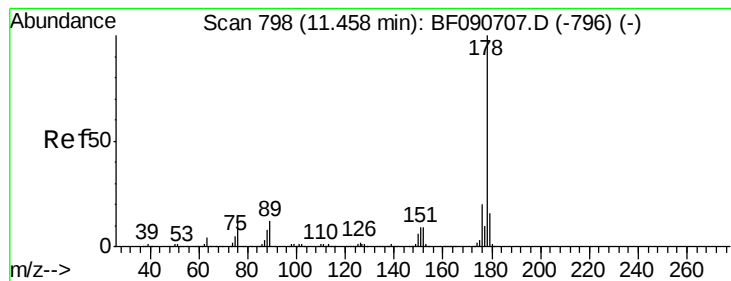
sohil
 10/24/2016 3:53:44 PM



#70
 Phenanthrene
 Concen: 45.74 ng m
 RT: 11.41 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	13.8	20.8#
179	16.4	12.2	18.2





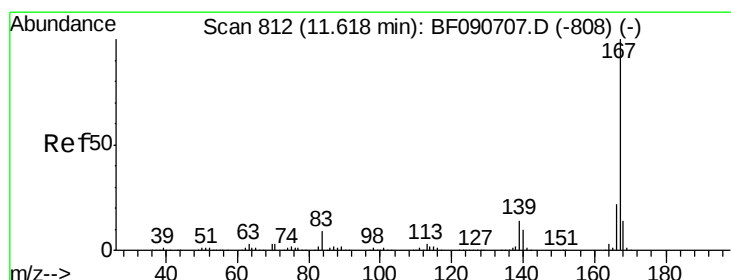
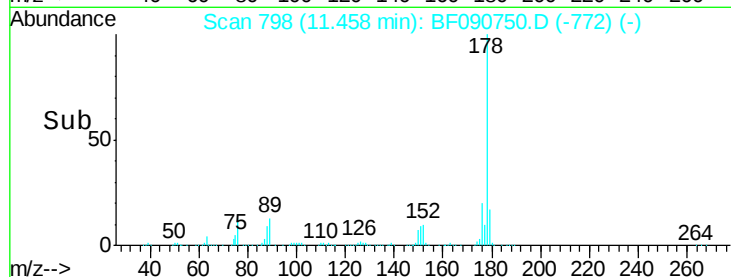
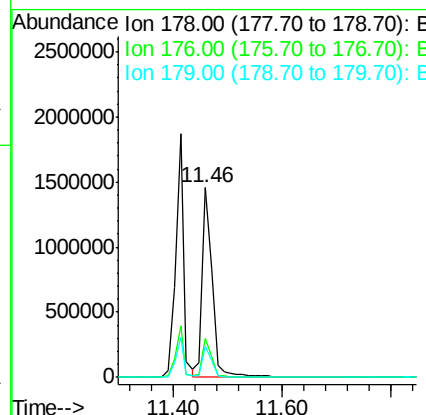
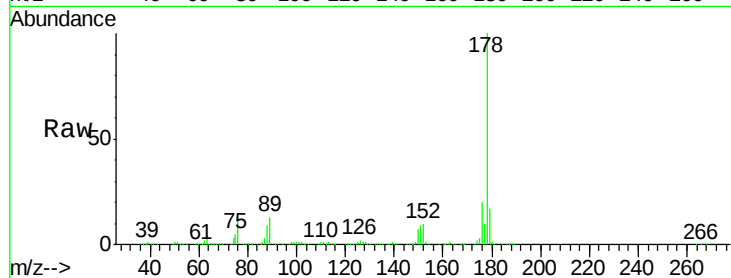
#71
 Anthracene
 Concen: 39.56 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleID :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.1	21.1
179	16.6	12.2	18.2

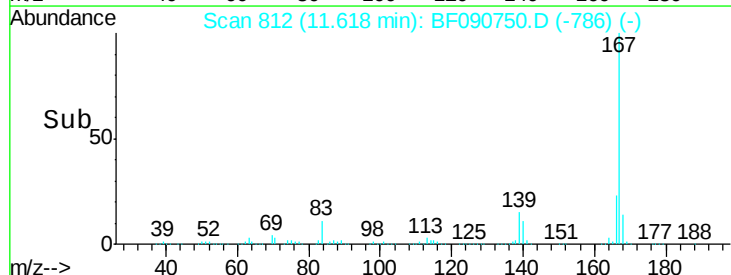
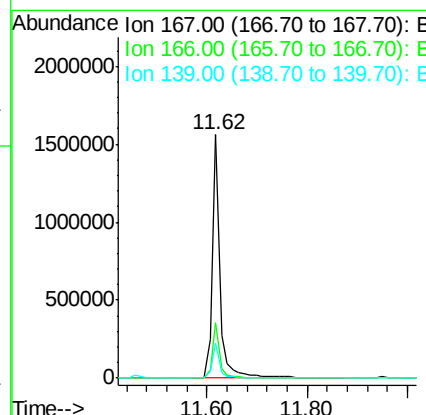
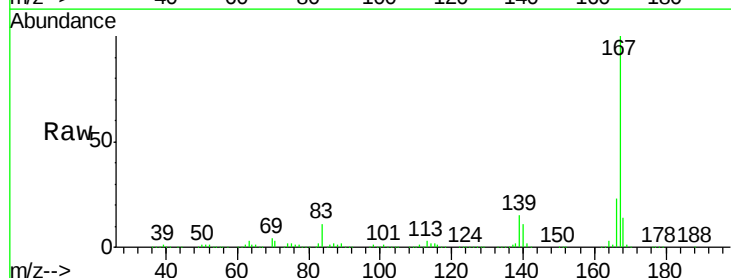
Manual Integrations
 APPROVED

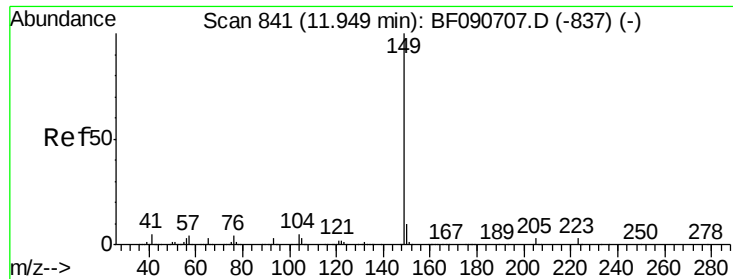
sohil
 10/24/2016 3:53:44 PM



#72
 Carbazole
 Concen: 43.18 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	15.7	23.5
139	14.6	9.5	14.3





#73

Di-n-butylphthalate

Concen: 42.78 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:149 Resp: 2161246

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

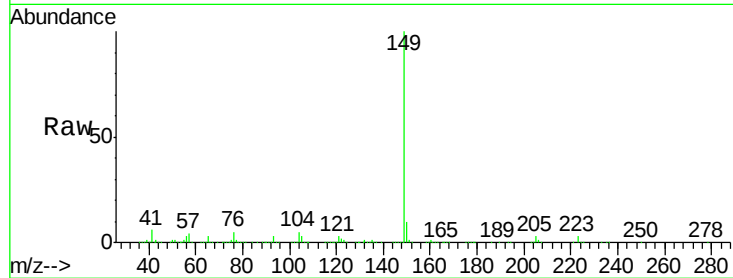
104 5.0 2.4 3.6#

Manual Integrations

APPROVED

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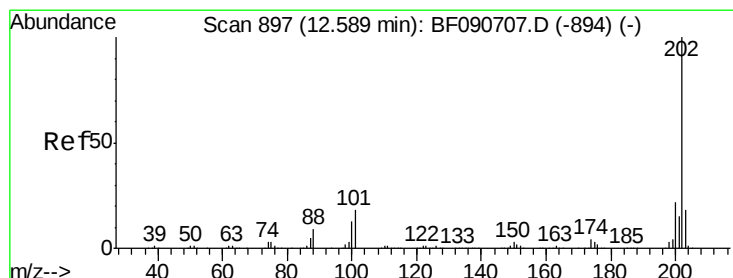
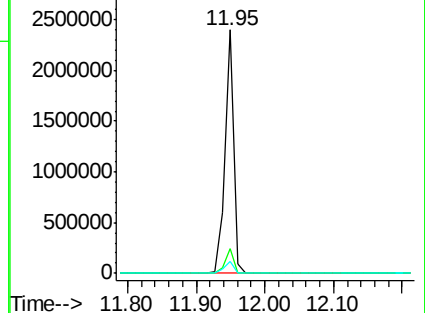
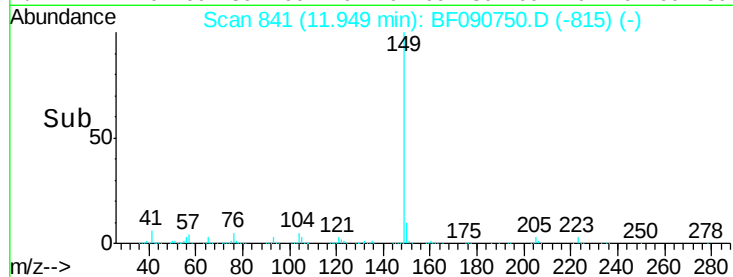
10/24/2016 3:53:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.55 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

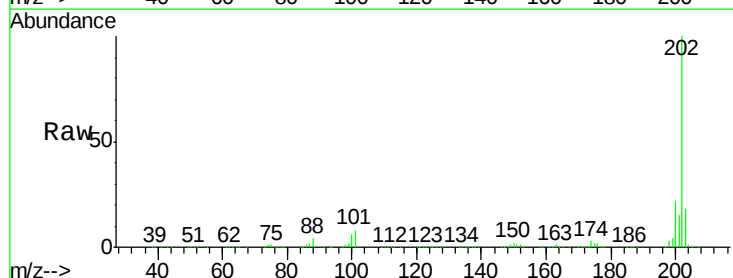
Tgt Ion:202 Resp: 1769897

Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

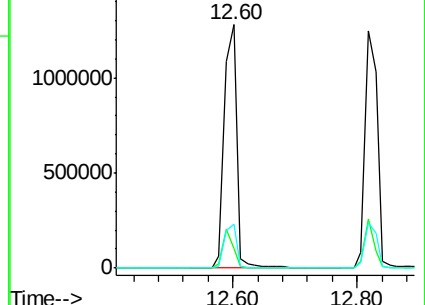
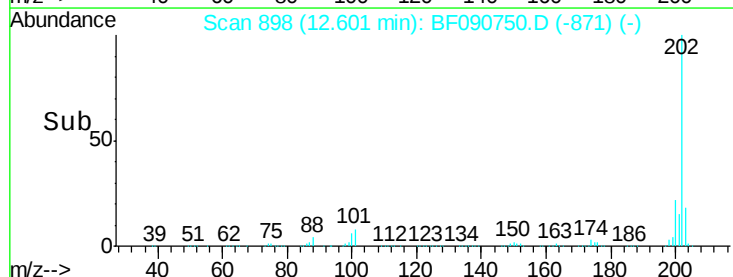
203 17.8 0.0 37.3

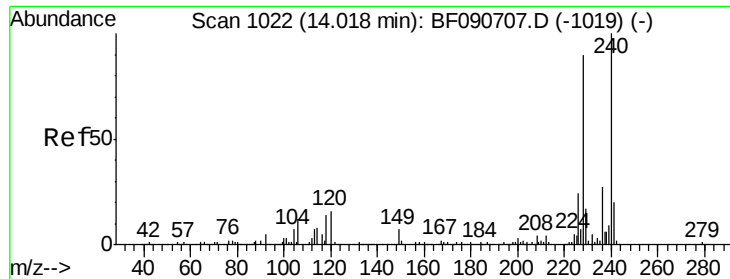


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

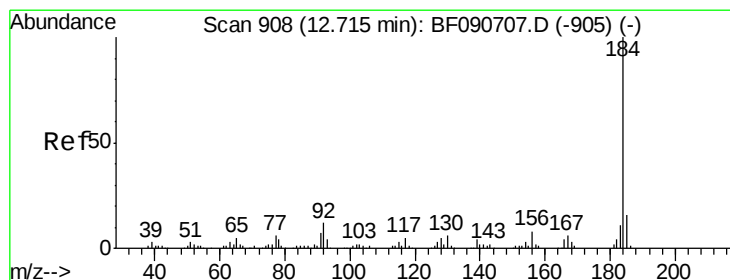
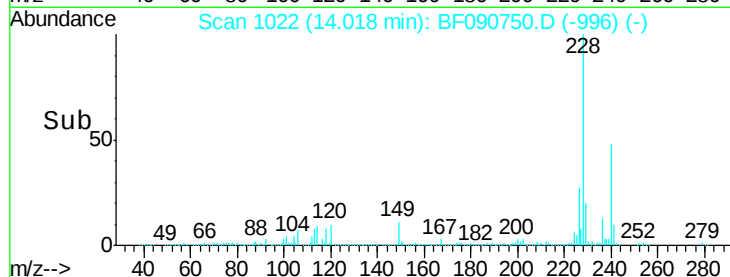
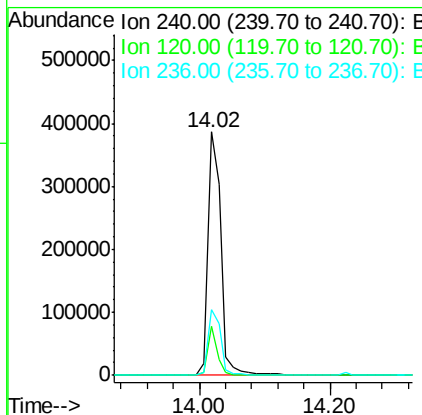
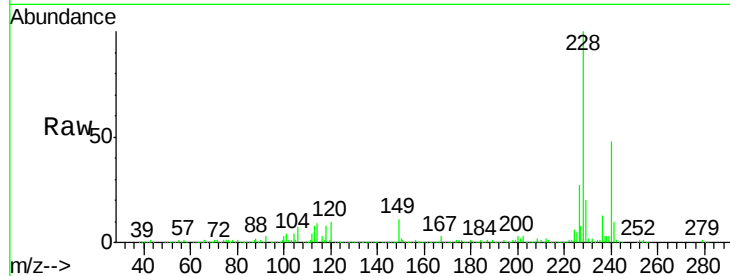
ClientSampleId :

PB94209BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.2	24.2
236	26.8	18.4	27.6

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#76

Benzidine

Concen: 24.01 ng

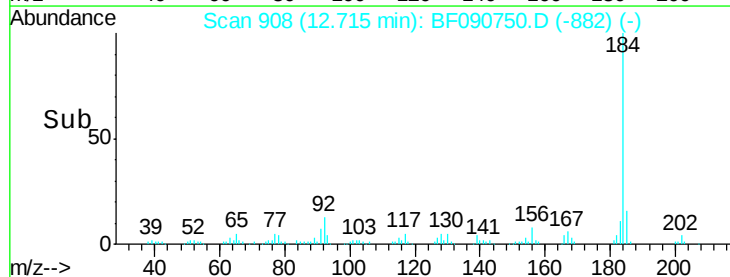
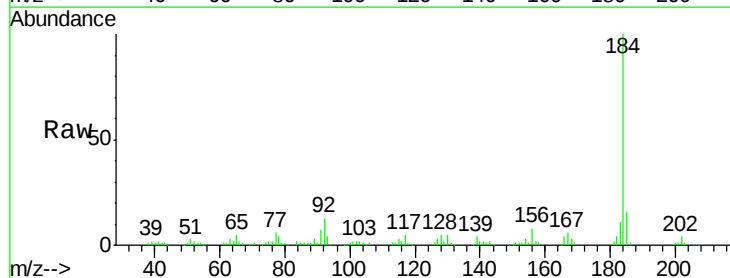
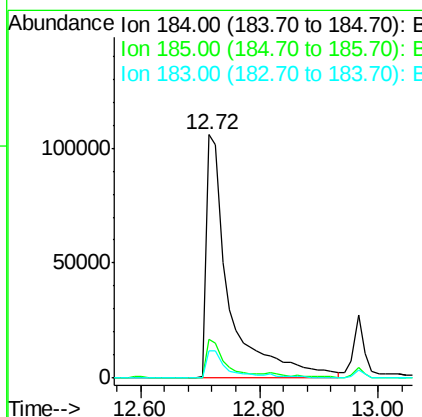
RT: 12.72 min Scan# 908

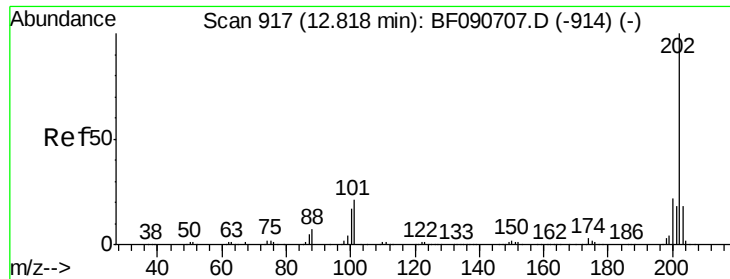
Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.6
183	11.2	7.6	11.4





#77

Pvrene

Concen: 44.80 ng

RT: 12.82 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:202 Resp: 1678559

Ion Ratio Lower Upper

202 100

200 22.3 15.0 22.4

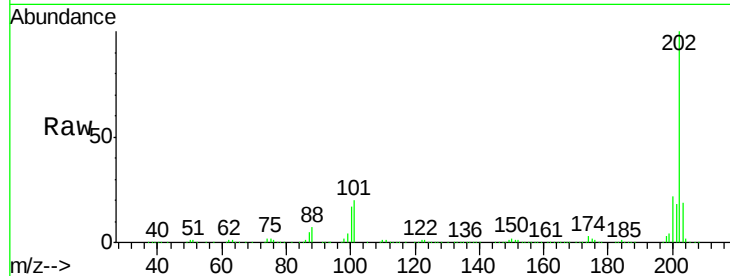
203 18.9 14.1 21.1

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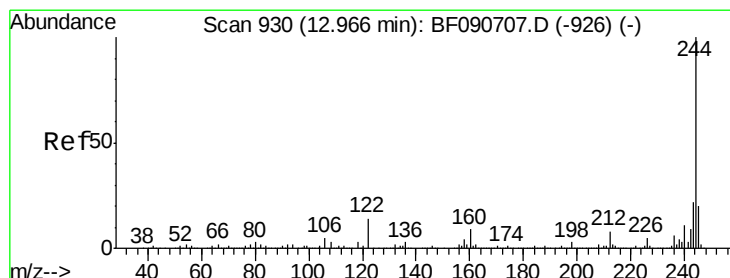
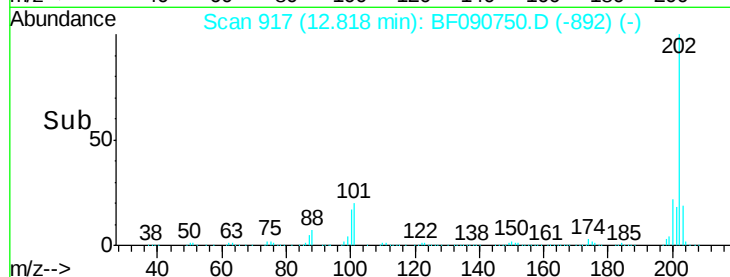
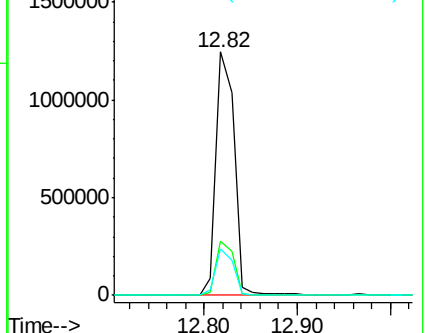
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.74 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

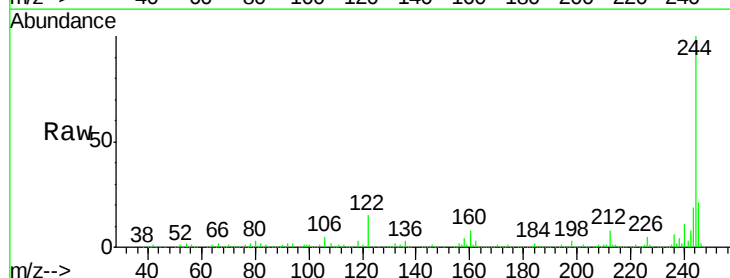
Tgt Ion:244 Resp: 2124221

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

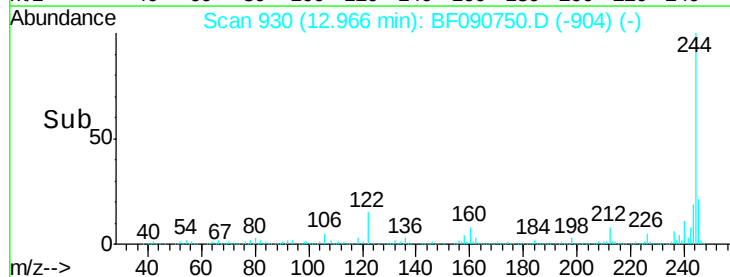
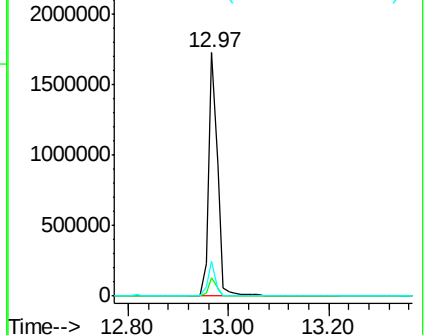
122 14.5 17.4 26.2#

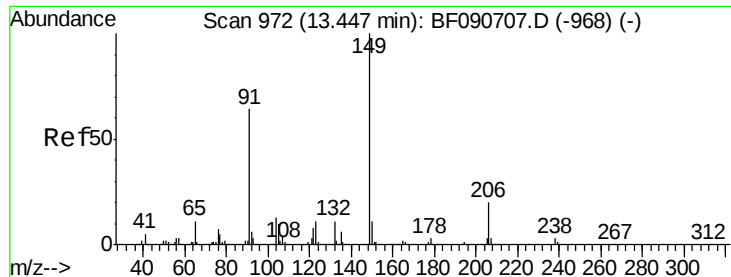


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





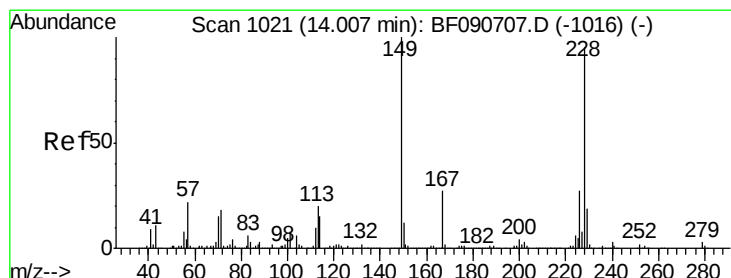
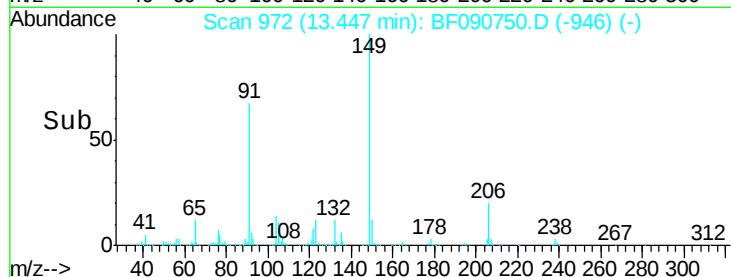
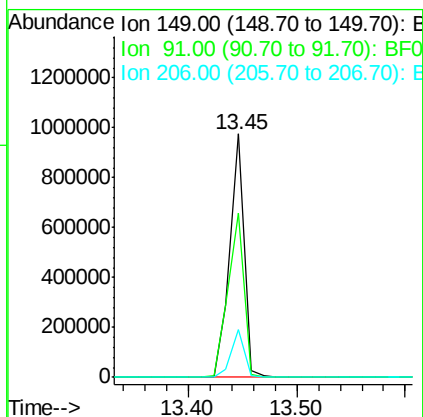
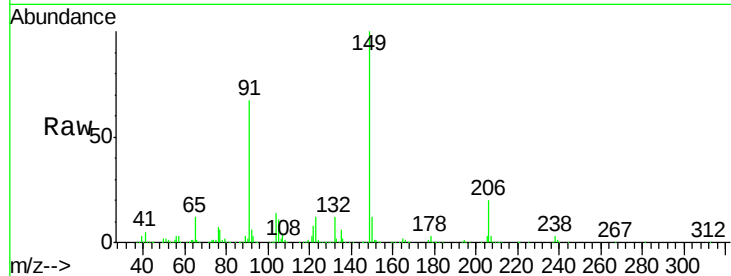
#79
Butylbenzylphthalate
Concen: 52.14 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		898120		
91	67.3	48.6	72.8		
206	19.7	14.9	22.3		

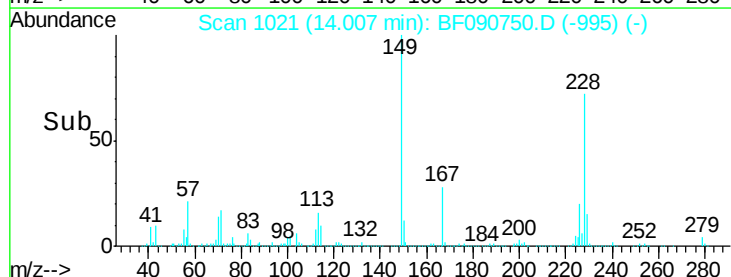
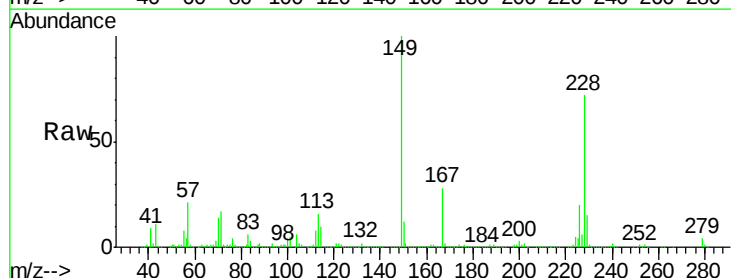
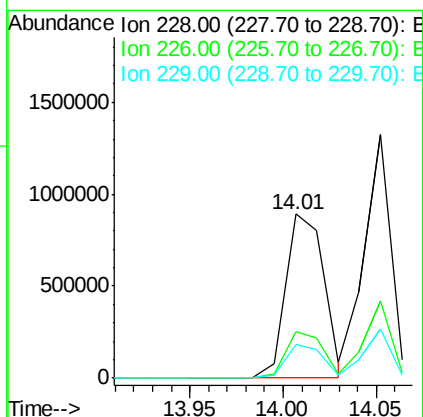
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#80
Benzo(a)anthracene
Concen: 43.48 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1276707		
226	28.2	20.0	30.0		
229	20.5	15.4	23.2		





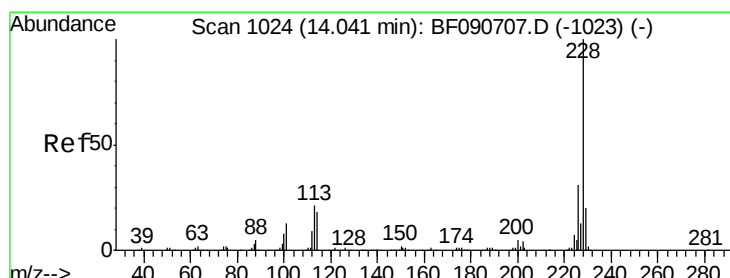
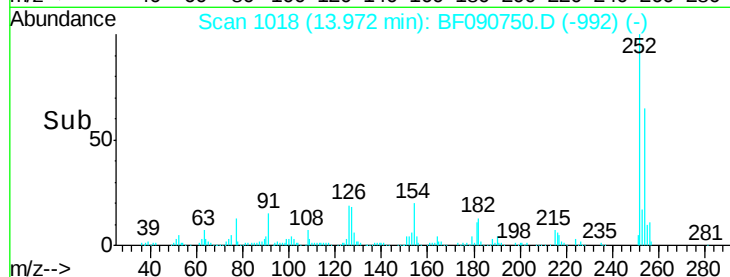
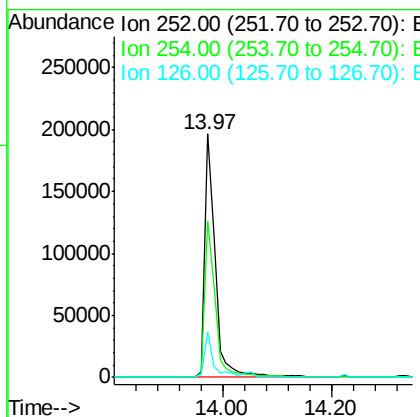
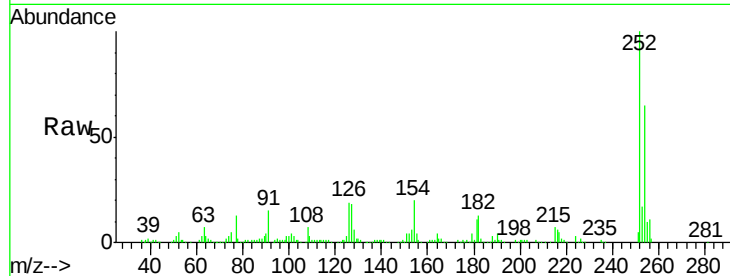
#81
 3,3'-Dichlorobenzidine
 Concen: 25.83 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262771		
254	64.5		51.4	77.2
126	18.7		16.4	24.6

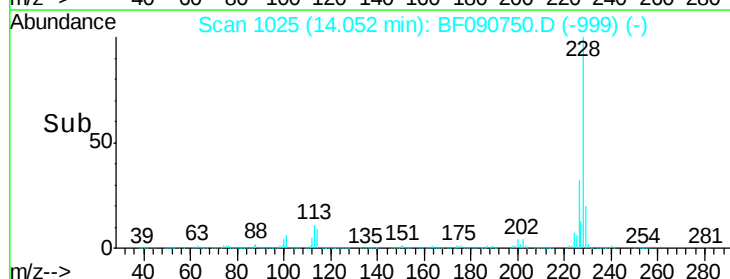
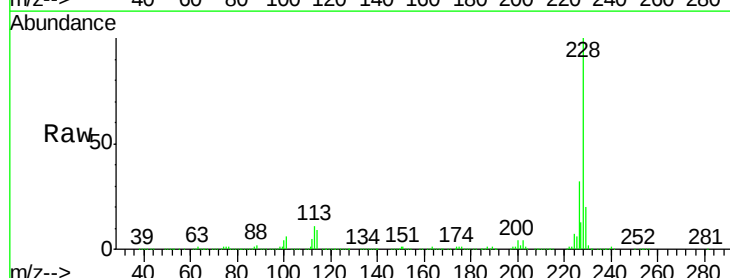
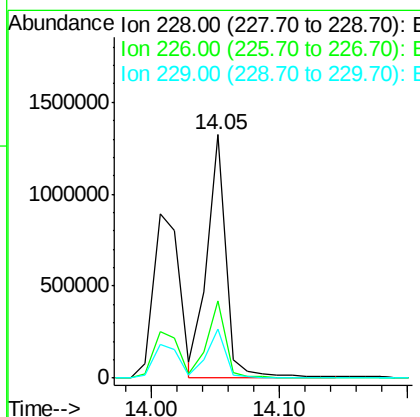
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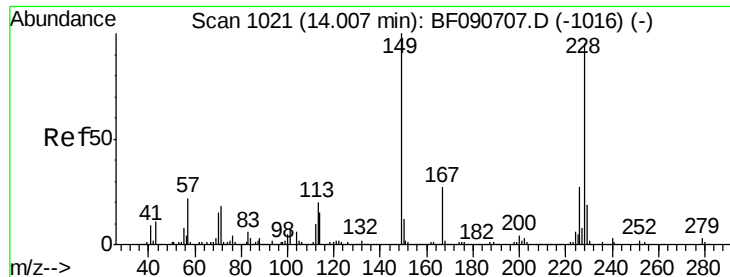
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#82
 Chrysene
 Concen: 48.42 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1387511		
226	31.6		21.0	31.4#
229	20.3		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.37 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:149 Resp: 1142733

Ion Ratio Lower Upper

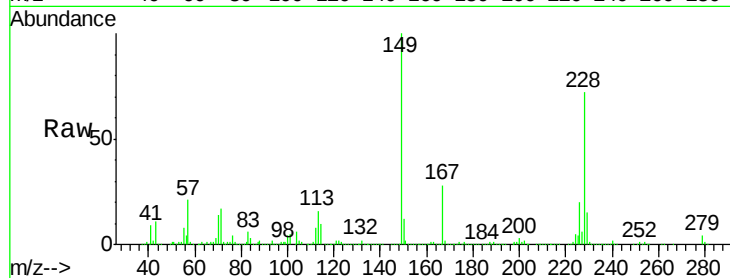
149 100

167 28.3 24.2 36.2

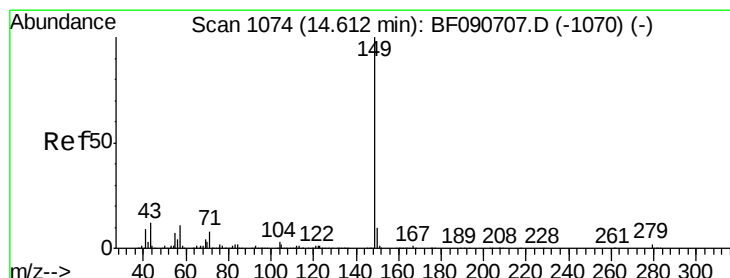
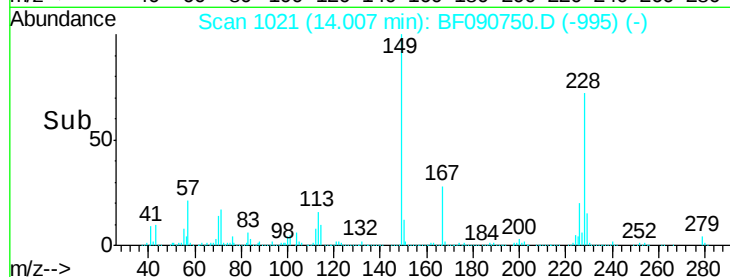
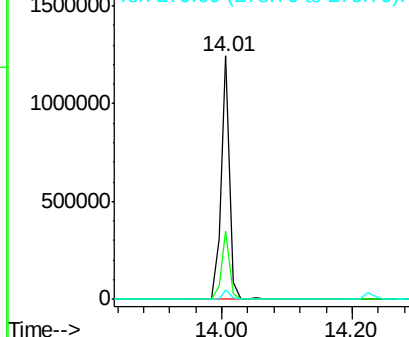
279 3.6 3.8 5.6#

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



#84

Di-n-octyl phthalate

Concen: 43.76 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

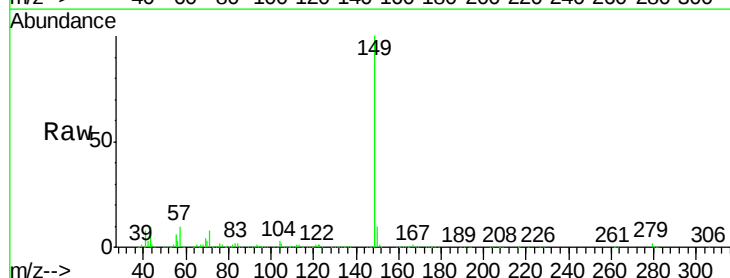
Tgt Ion:149 Resp: 1636863

Ion Ratio Lower Upper

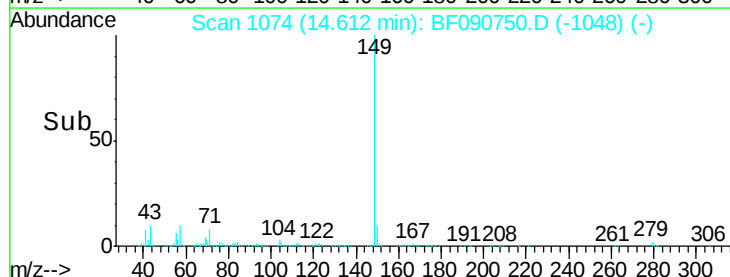
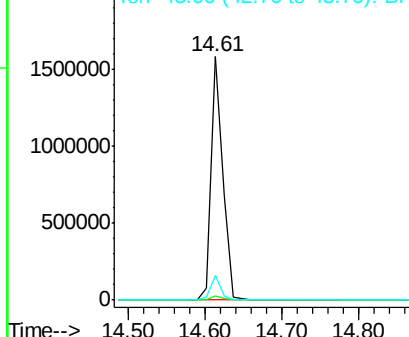
149 100

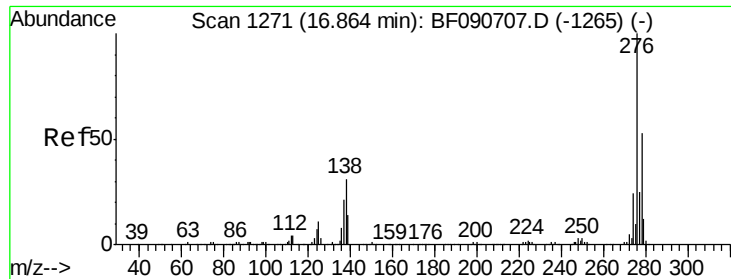
167 1.5 1.0 1.6

43 9.1 10.2 15.2#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.80 ng

RT: 16.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:276 Resp: 1045094

Ion Ratio Lower Upper

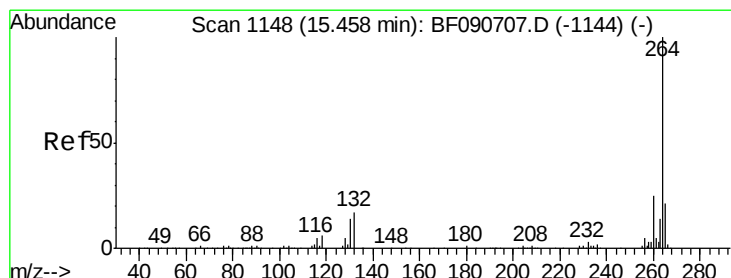
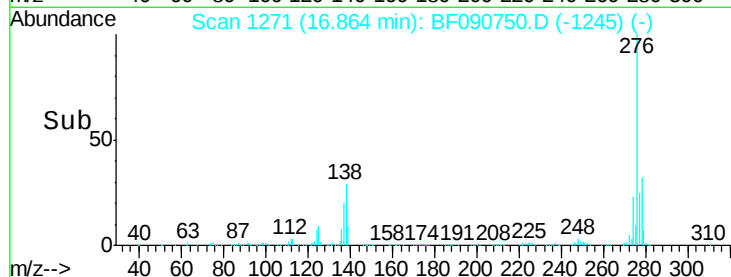
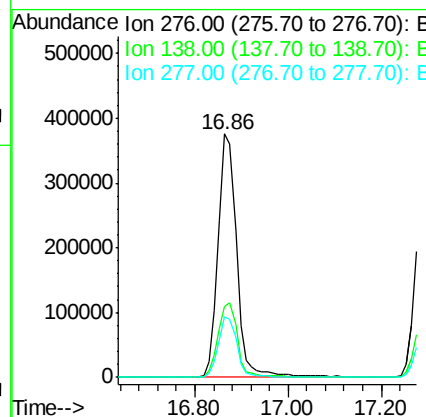
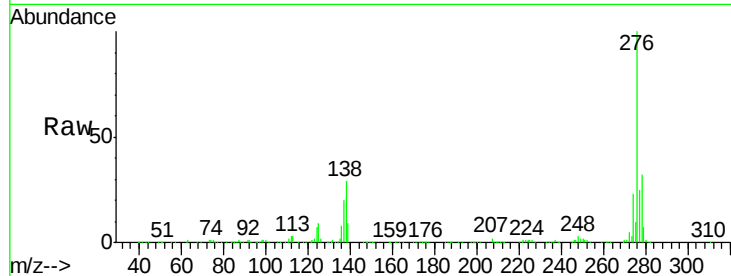
276 100

138 32.2 25.7 38.5

277 25.1 15.6 23.4#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

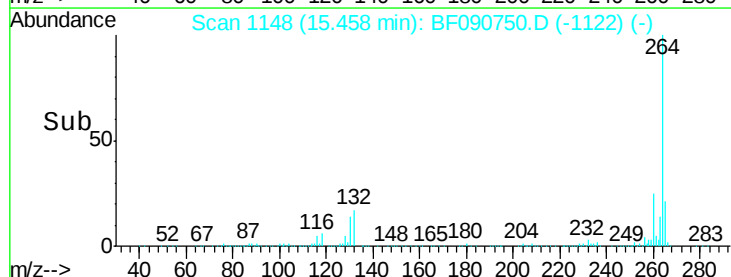
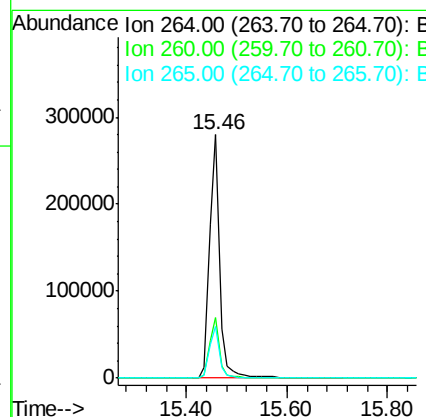
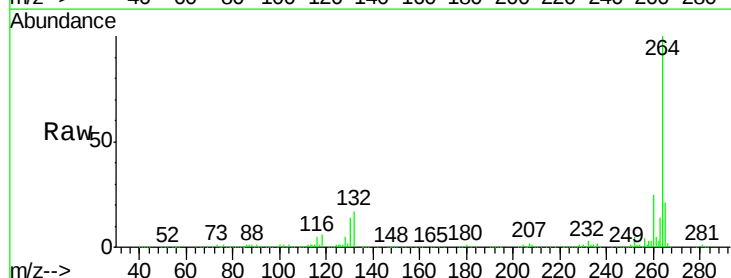
Tgt Ion:264 Resp: 393130

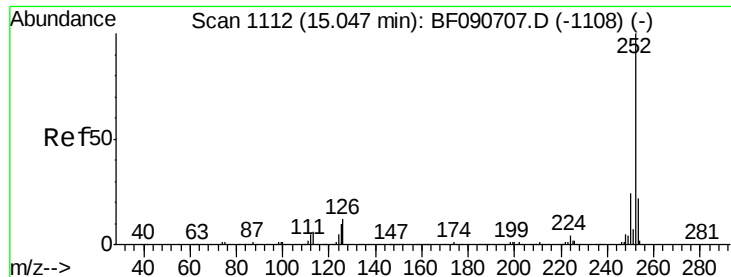
Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.37 ng

RT: 15.05 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:252 Resp: 1048495

Ion Ratio Lower Upper

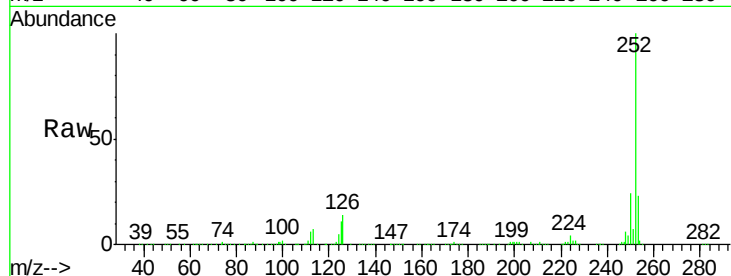
252 100

253 22.7 17.5 26.3

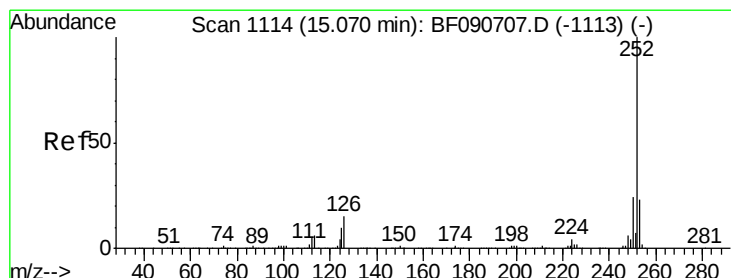
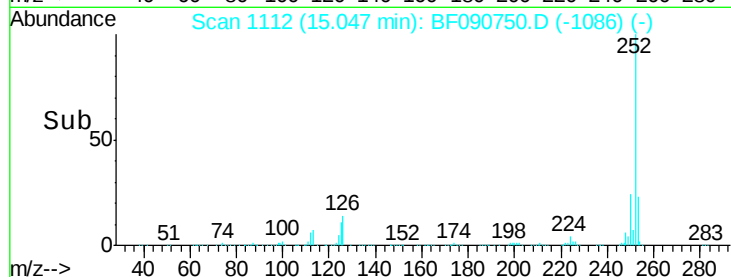
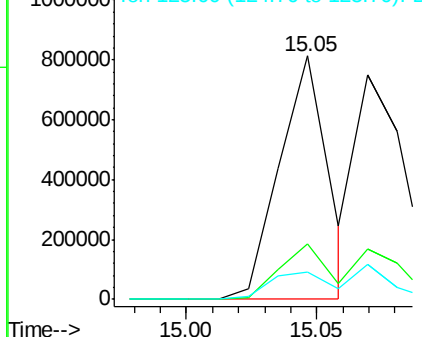
125 11.1 17.1 25.7#

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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



#88

Benzo(k)fluoranthene

Concen: 41.15 ng m

RT: 15.07 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

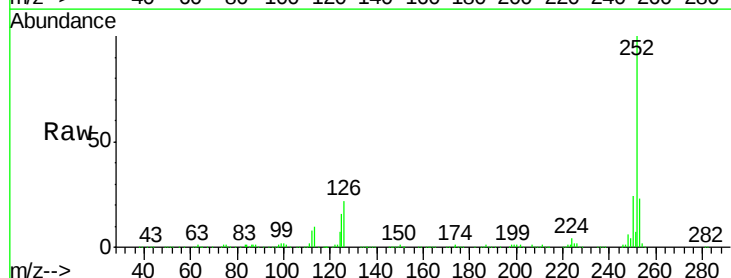
Tgt Ion:252 Resp: 999743

Ion Ratio Lower Upper

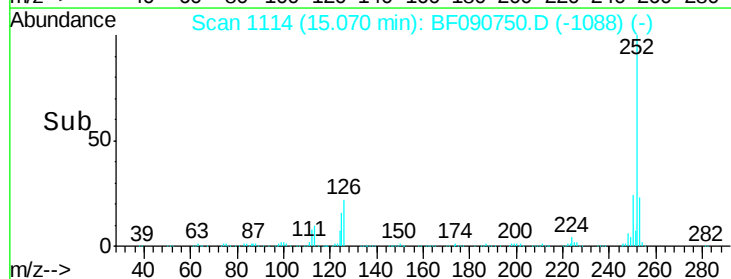
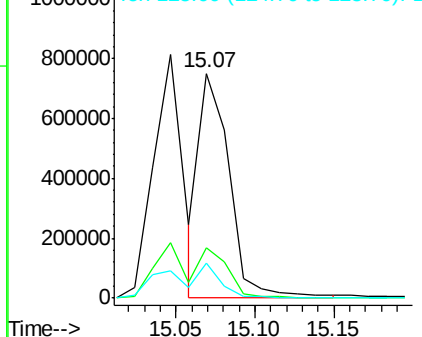
252 100

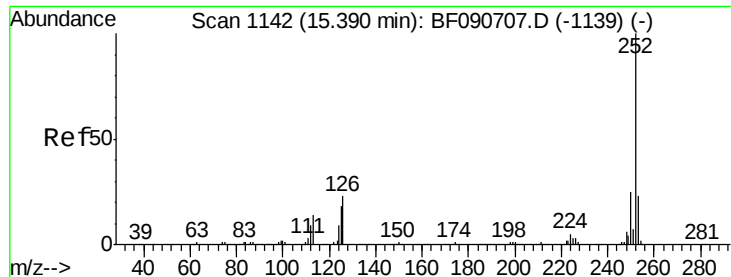
253 22.6 17.0 25.4

125 15.6 16.0 24.0#



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





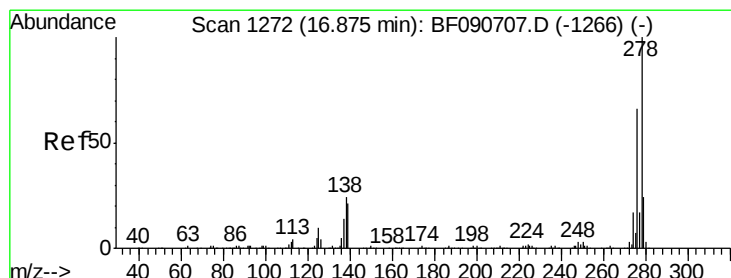
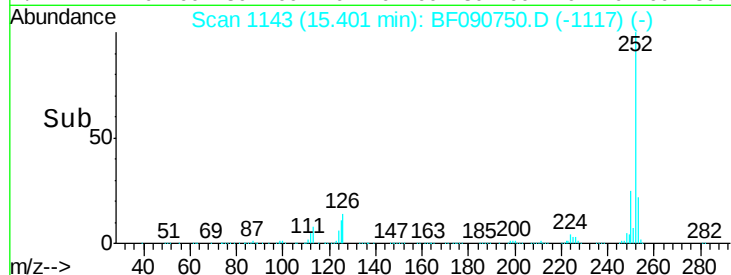
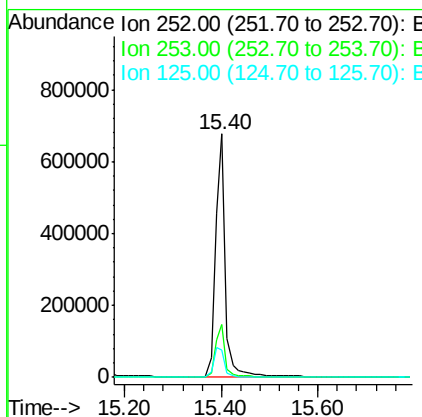
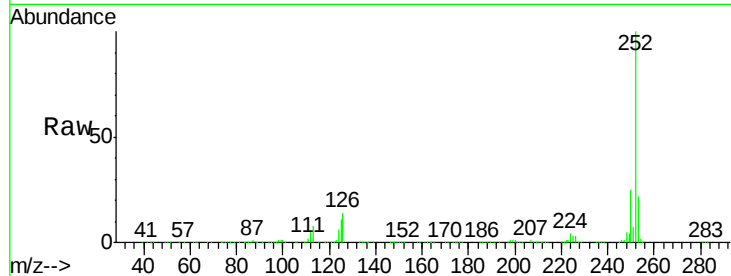
#89
Benzo(a)pyrene
Concen: 42.43 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.0	18.0	27.0

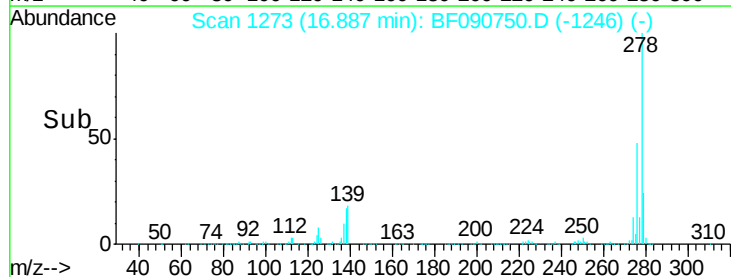
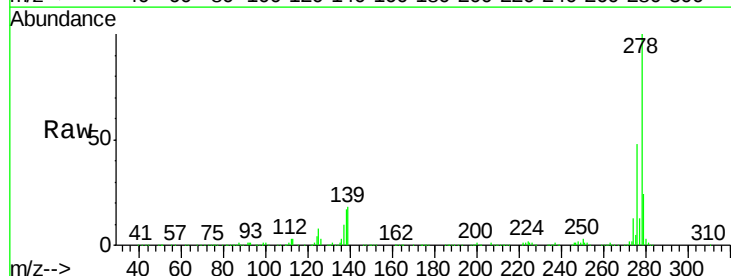
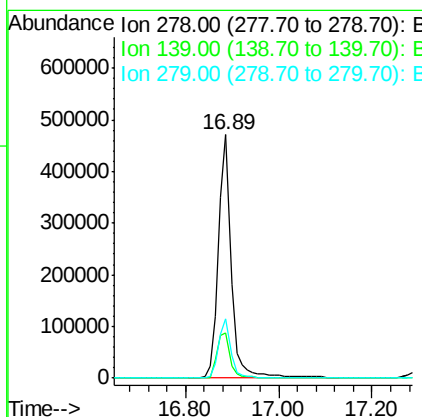
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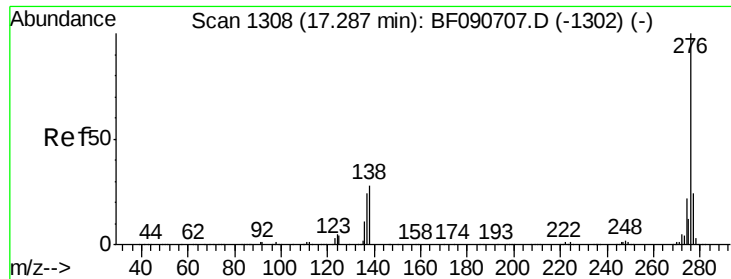
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#90
Dibenzo(a,h)anthracene
Concen: 41.37 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	26.3	39.5
279	24.4	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.84 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	24.4	34.6	51.8

Manual Integrations
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