

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080076.D
 Acq On : 20 Jun 2015 2:38
 Operator : TP/IZ
 Sample : G2653-04
 Misc : LOQ-SVOC-SOIL-20PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
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 6/22/2015 2:43:48 PM

Quant Time: Jun 20 04:17:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46303	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	188412	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	103425	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	213269	20.00	ng	-0.01
75) Chrysene-d12	14.76	240	245133	20.00	ng	-0.10
86) Perylene-d12	16.57	264	223759	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	331846	126.87	ng	0.00
7) Phenol-d6	6.93	99	401269	115.28	ng	-0.01
23) Nitrobenzene-d5	7.89	82	256398	79.22	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	125779	124.37	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	508502	70.12	ng	-0.01
78) Terphenyl-d14	13.53	244	714210	68.05	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	14682	11.81	ng	87
3) Pyridine	4.07	79	43848	13.26	ng	# 81
4) n-Nitrosodimethylamine	3.96	42	21925	13.95	ng	99
6) Aniline	6.98	93	55557	11.60	ng	94
8) 2-Chlorophenol	7.11	128	47004	15.55	ng	85
9) Benzaldehyde	6.88	77	35499	17.67	ng	# 88
10) Phenol	6.95	94	56092	14.77	ng	89
11) bis(2-Chloroethyl)ether	7.04	93	42450	14.09	ng	91
12) 1,3-Dichlorobenzene	7.27	146	51491m	14.18	ng	
13) 1,4-Dichlorobenzene	7.35	146	55992m	16.21	ng	
14) 1,2-Dichlorobenzene	7.51	146	48680	14.48	ng	99
15) Benzyl Alcohol	7.45	79	41686	14.65	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	75038	16.77	ng	89
17) 2-Methylphenol	7.56	107	39008	15.11	ng	# 81
18) Hexachloroethane	7.85	117	18659	16.22	ng	# 84
19) n-Nitroso-di-n-propylamine	7.72	70	32447	13.43	ng	# 81
20) 3+4-Methylphenols	7.70	107	50916	15.28	ng	84
22) Acetophenone	7.73	105	75710	17.24	ng	# 84
24) Nitrobenzene	7.91	77	48129	14.41	ng	# 82
25) Isophorone	8.14	82	96111	14.76	ng	# 85
26) 2-Nitrophenol	8.23	139	21616	15.46	ng	# 75
27) 2,4-Dimethylphenol	8.25	122	42507	14.58	ng	85
28) bis(2-Chloroethoxy)methane	8.34	93	63594	16.62	ng	# 91
29) 2,4-Dichlorophenol	8.47	162	39390	15.78	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	47975	16.92	ng	98
31) Naphthalene	8.64	128	146364m	14.86	ng	
32) Benzoic acid	8.29	122	11023	6.25	ng	# 55
33) 4-Chloroaniline	8.68	127	43685m	10.36	ng	
34) Hexachlorobutadiene	8.77	225	25881	14.82	ng	98
35) Caprolactam	9.01	113	11530	14.23	ng	98
36) 4-Chloro-3-methylphenol	9.14	107	43171	15.33	ng	# 77
37) 2-Methylnaphthalene	9.34	142	107648	16.89	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	49723	16.52	ng	96
40) Hexachlorocyclopentadiene	9.50	237	18767	17.42	ng	96

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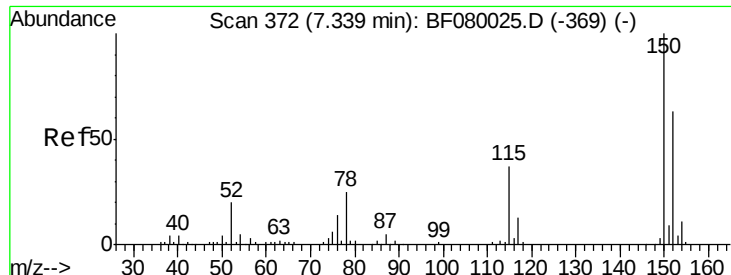
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	31682	15.47	ng	97
43) 2,4,5-Trichlorophenol	9.65	196	33627	14.25	ng #	94
45) 1,1'-Biphenyl	9.80	154	123859	14.72	ng	93
46) 2-Chloronaphthalene	9.83	162	100294	14.69	ng	95
47) 2-Nitroaniline	9.91	65	24504	13.07	ng #	60
48) Acenaphthylene	10.25	152	167387	14.69	ng	98
49) Dimethylphthalate	10.08	163	115968	14.91	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	24348	15.62	ng #	68
51) Acenaphthene	10.42	154	97145	13.93	ng	90
52) 3-Nitroaniline	10.32	138	23805	13.24	ng #	59
53) 2,4-Dinitrophenol	10.44	184	6479	15.30	ng #	1
54) Dibenzofuran	10.60	168	154998	15.67	ng #	90
55) 4-Nitrophenol	10.47	139	18052	12.56	ng #	68
56) 2,4-Dinitrotoluene	10.56	165	28821	14.57	ng #	94
57) Fluorene	10.95	166	116699	14.87	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	30247	15.19	ng	96
59) Diethylphthalate	10.79	149	128509	16.41	ng	99
60) 4-Chlorophenyl-phenylether	10.93	204	58889	15.61	ng #	88
61) 4-Nitroaniline	10.94	138	25462	13.71	ng #	61
62) Azobenzene	11.09	77	122872	15.42	ng	87
64) 4,6-Dinitro-2-methylphenol	10.97	198	11965	16.38	ng	83
65) n-Nitrosodiphenylamine	11.04	169	107720	15.51	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	32600	14.38	ng #	81
67) Hexachlorobenzene	11.51	284	34992	13.88	ng #	76
68) Atrazine	11.56	200	32904	15.00	ng	84
69) Pentachlorophenol	11.69	266	16671	11.67	ng	95
70) Phenanthrene	11.92	178	185448	14.36	ng	97
71) Anthracene	11.97	178	186874	15.03	ng	99
72) Carbazole	12.12	167	171510	14.45	ng	96
73) Di-n-butylphthalate	12.44	149	188758	13.76	ng #	98
74) Fluoranthene	13.15	202	191594	13.93	ng	95
76) Benzidine	13.26	184	52970	7.73	ng	99
77) Pyrene	13.40	202	211058	13.98	ng	97
79) Butylbenzylphthalate	14.06	149	79216	13.07	ng	96
80) Benzo(a)anthracene	14.75	228	211783	14.18	ng	97
81) 3,3'-Dichlorobenzidine	14.69	252	51582	10.01	ng #	93
82) Chrysene	14.79	228	191580	13.91	ng	95
83) Bis(2-ethylhexyl)phthalate	14.71	149	130833	13.66	ng #	91
84) Di-n-octyl phthalate	15.48	149	191151	11.65	ng	96
85) Indeno(1,2,3-cd)pyrene	18.41	276	201480	11.60	ng #	88
87) Benzo(b)fluoranthene	16.04	252	194660	14.37	ng #	88
88) Benzo(k)fluoranthene	16.07	252	191362	13.87	ng #	91
89) Benzo(a)pyrene	16.49	252	185162	14.39	ng #	88
90) Dibenzo(a,h)anthracene	18.44	278	173718	13.19	ng #	80
91) Benzo(g,h,i)perylene	18.96	276	170694	12.84	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080076.D

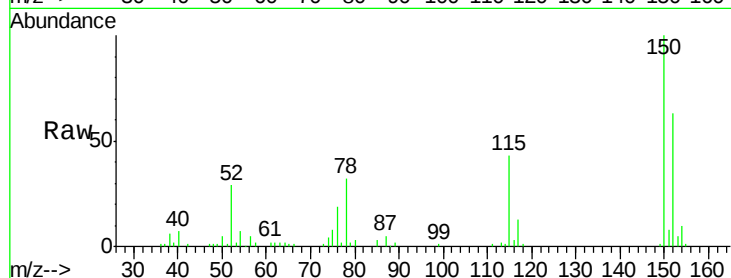
Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 152 Resp: 46303

Ion Ratio Lower Upper

152 100

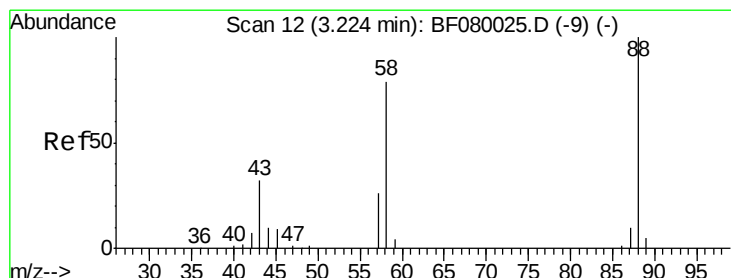
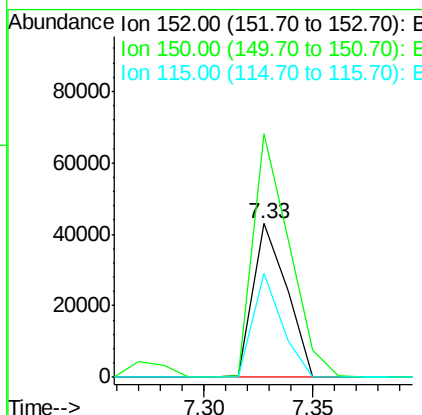
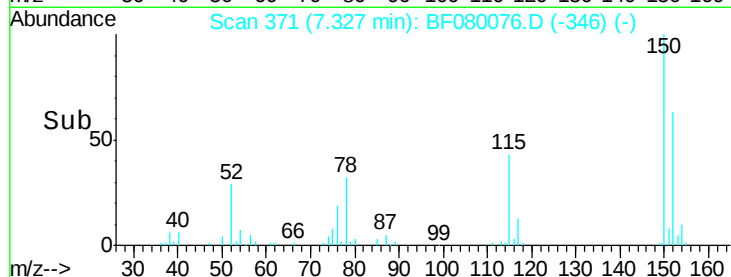
150 158.6 124.7 187.1

115 68.2 39.0 58.4#

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#2

1,4-Dioxane

Concen: 11.81 ng

RT: 3.24 min Scan# 13

Delta R.T. 0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

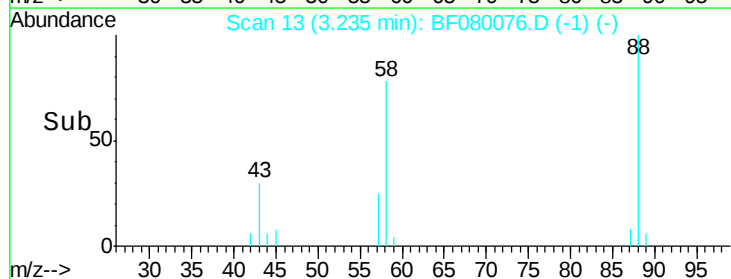
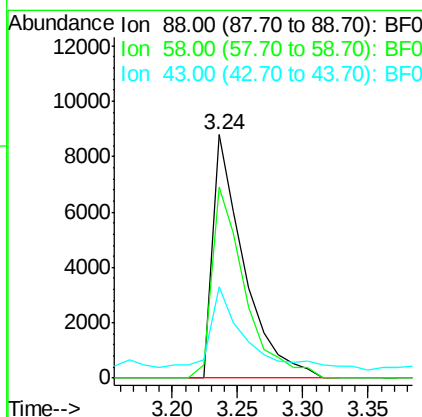
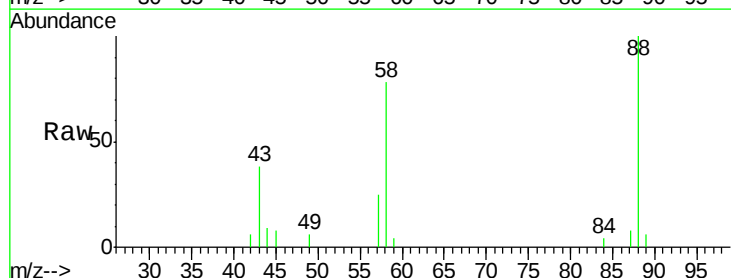
Tgt Ion: 88 Resp: 14682

Ion Ratio Lower Upper

88 100

58 82.8 77.7 116.5

43 38.8 26.6 40.0





#3

Pyridine

Concen: 13.26 ng

RT: 4.07 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

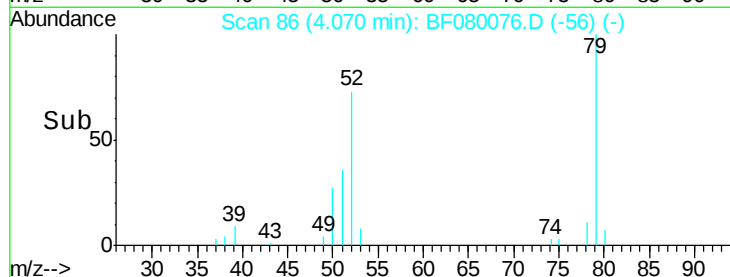
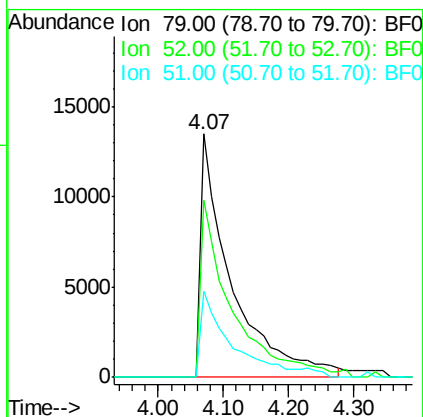
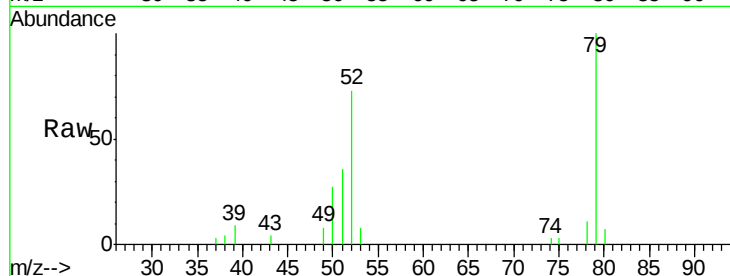
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:	79	Resp:	43848
Ion	Ratio	Lower	Upper
79	100		
52	73.0	76.8	115.2#
51	35.6	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 13.95 ng

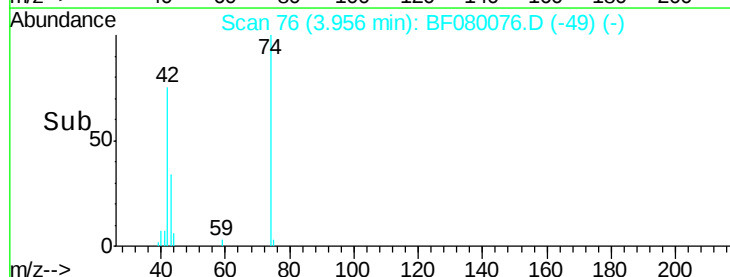
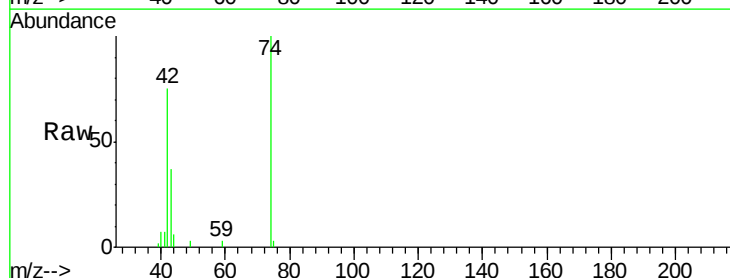
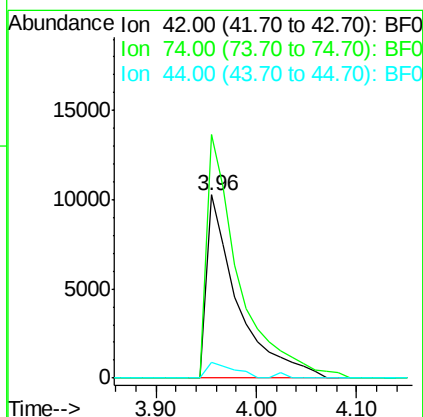
RT: 3.96 min Scan# 76

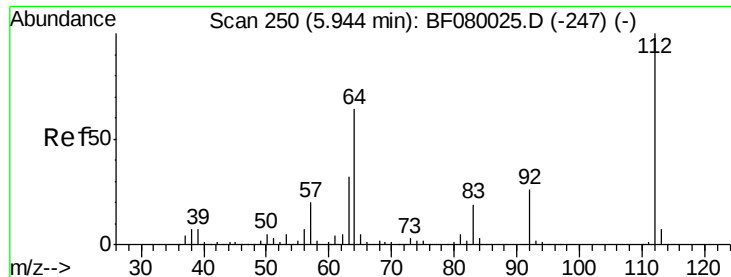
Delta R.T. 0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion:	42	Resp:	21925
Ion	Ratio	Lower	Upper
42	100		
74	132.9	105.0	157.6
44	8.4	6.6	10.0





#5

2-Fluorophenol

Concen: 126.87 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080076.D

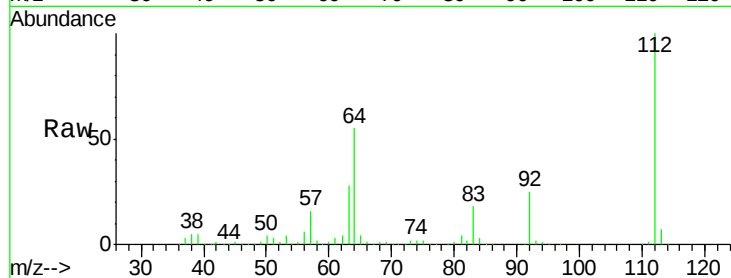
Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02



Tgt Ion: 112 Resp: 331846

Ion Ratio Lower Upper

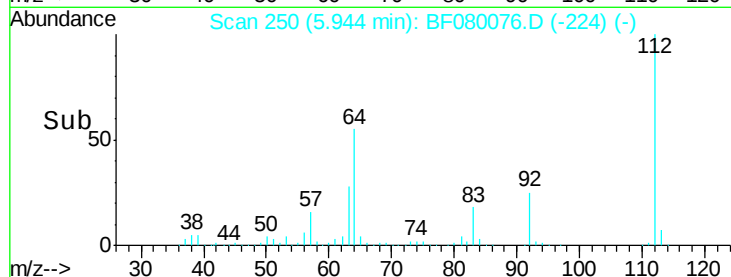
112 100

64 54.5 39.7 59.5

63 27.7 17.4 26.0

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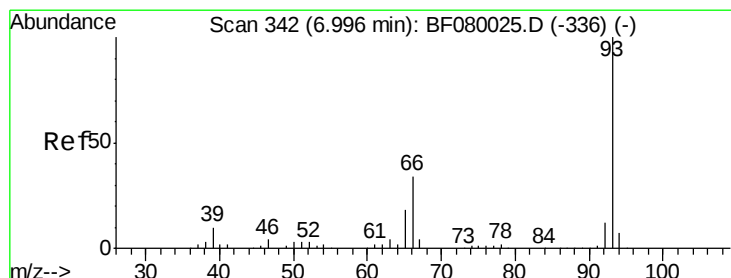
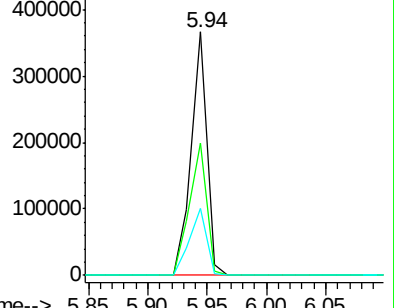
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.60 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

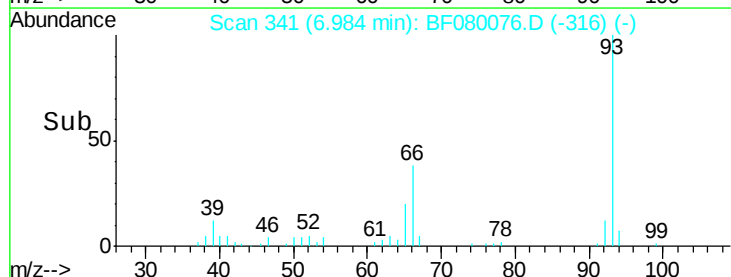
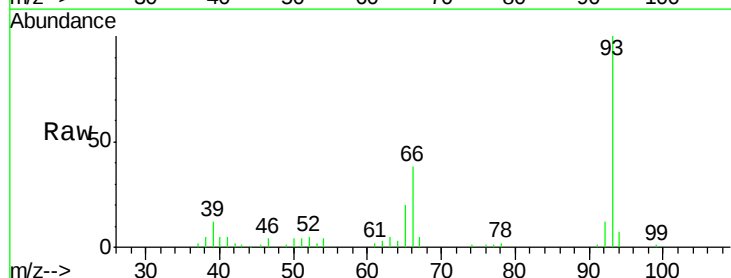
Tgt Ion: 93 Resp: 55557

Ion Ratio Lower Upper

93 100

66 38.3 27.2 40.8

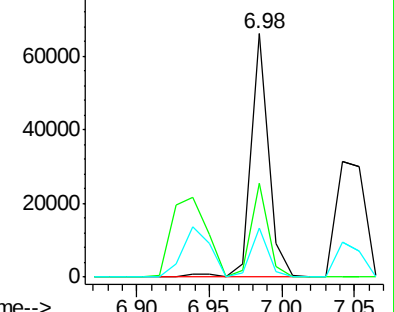
65 20.0 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.28 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion: 99 Resp: 401269

Ion Ratio Lower Upper

99 100

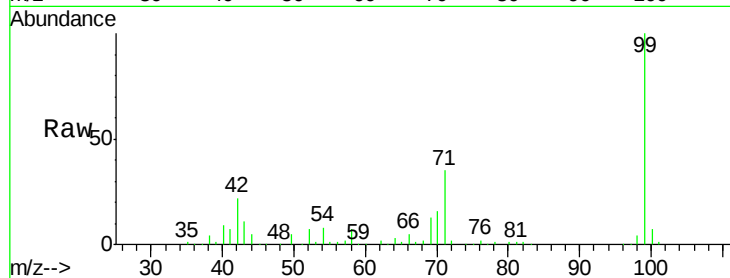
42 21.6 13.7 20.5#

71 35.2 14.2 21.2#

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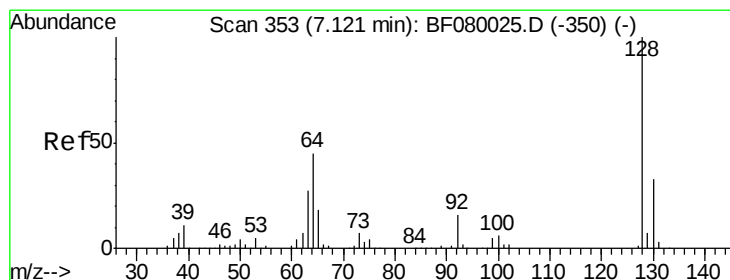
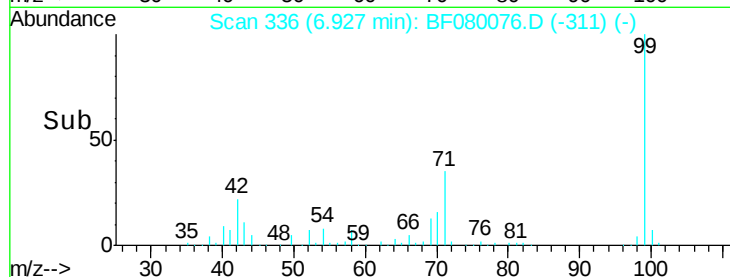
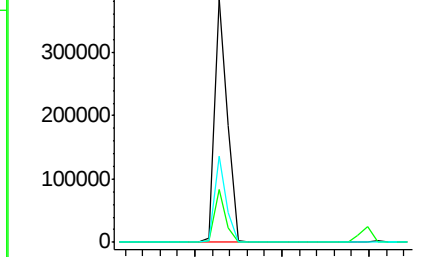
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 15.55 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

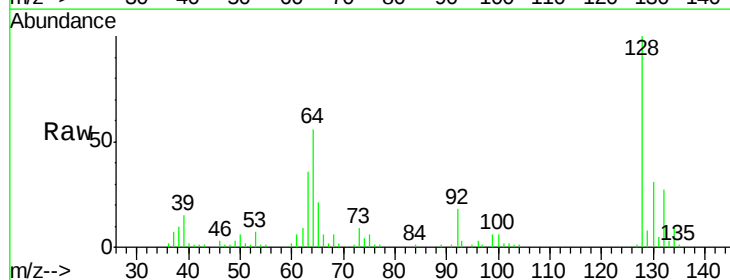
Tgt Ion: 128 Resp: 47004

Ion Ratio Lower Upper

128 100

130 31.2 12.2 52.2

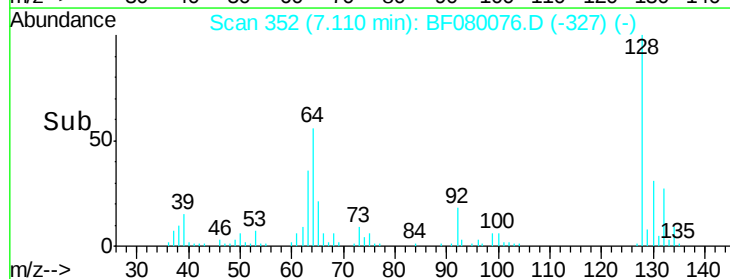
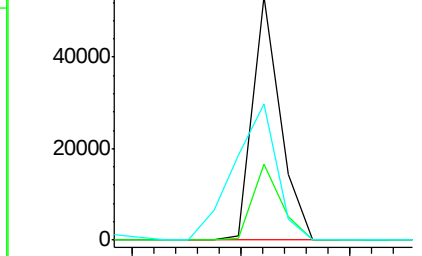
64 56.1 20.5 60.5

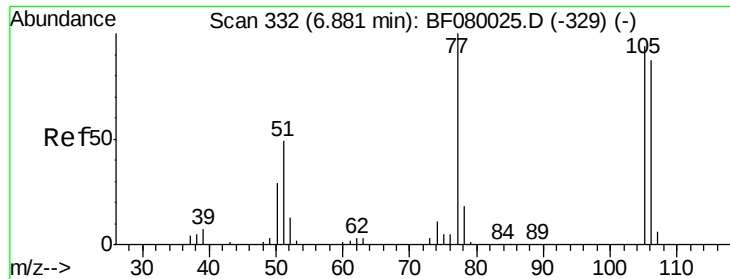


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.67 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

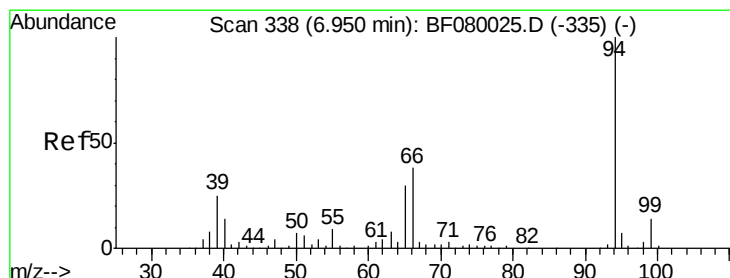
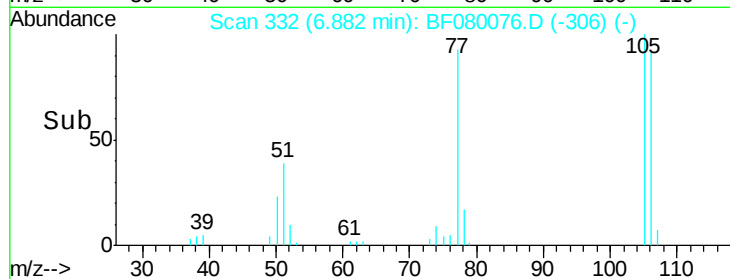
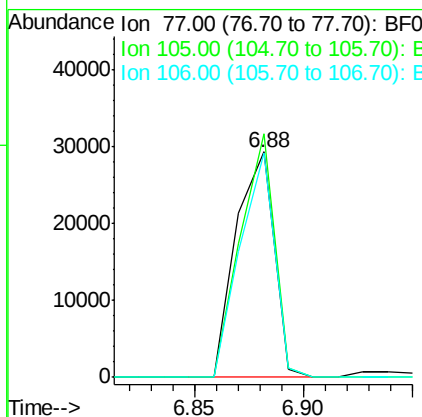
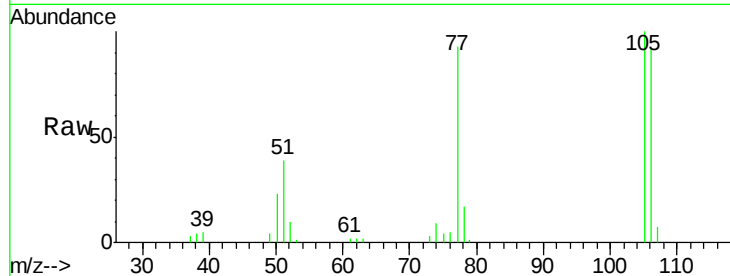
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.9	91.6	131.6
106	99.4	102.6	142.6



#10

Phenol

Concen: 14.77 ng

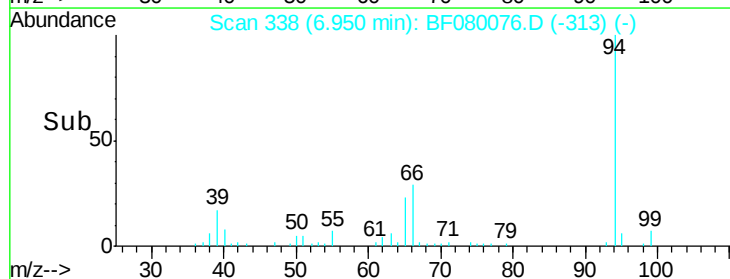
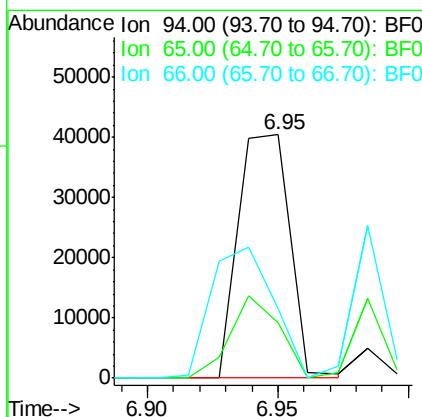
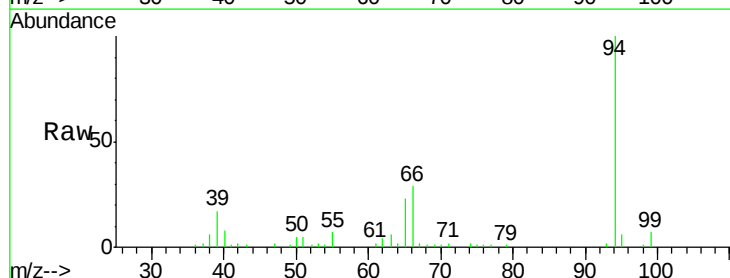
RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.7	0.7	40.7
66	28.7	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 14.09 ng

RT: 7.04 min Scan# 346

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

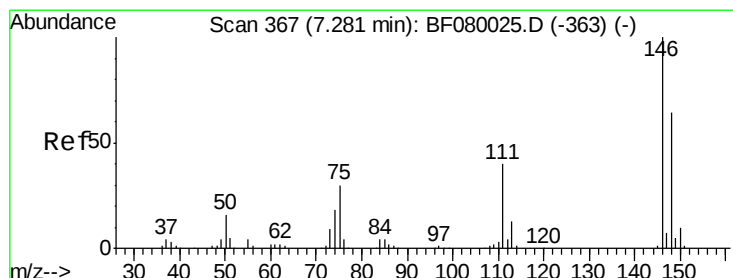
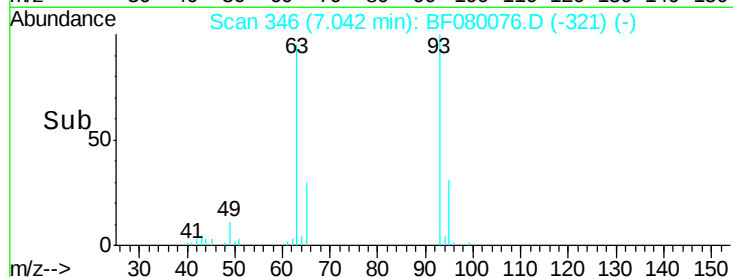
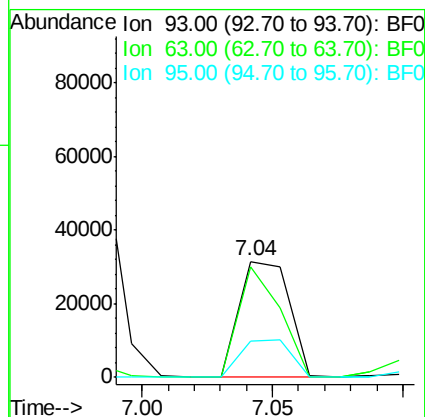
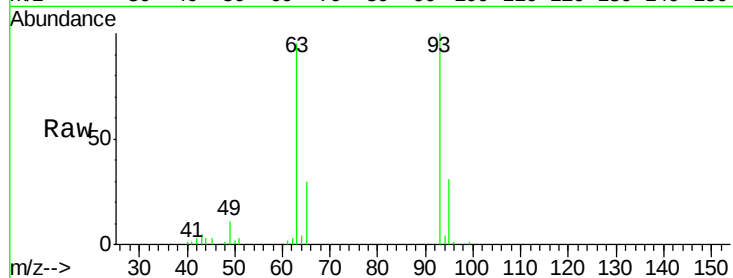
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:	93	Resp:	42450
Ion Ratio	Lower	Upper	
93	100		
63	95.1	65.6	105.6
95	31.1	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 14.18 ng m

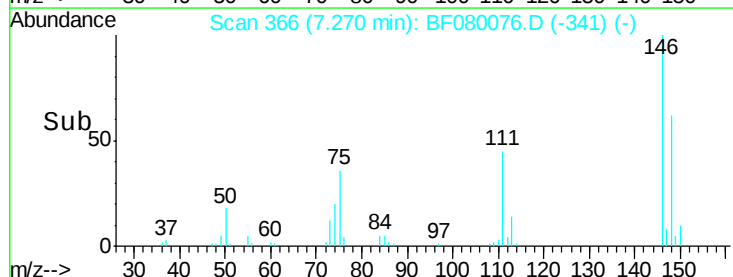
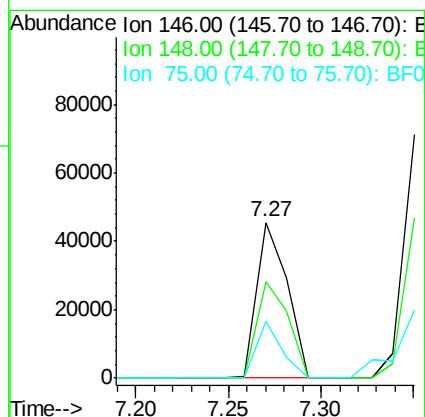
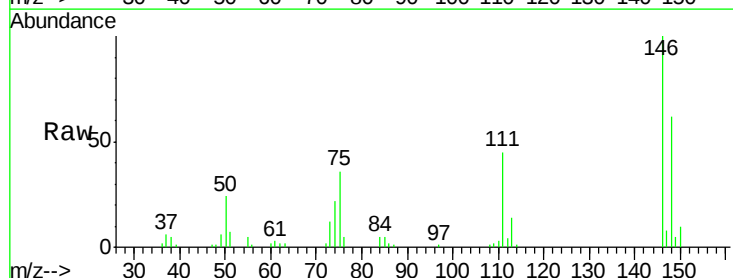
RT: 7.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion:	146	Resp:	51491
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.0	76.4
75	36.3	15.0	22.6#





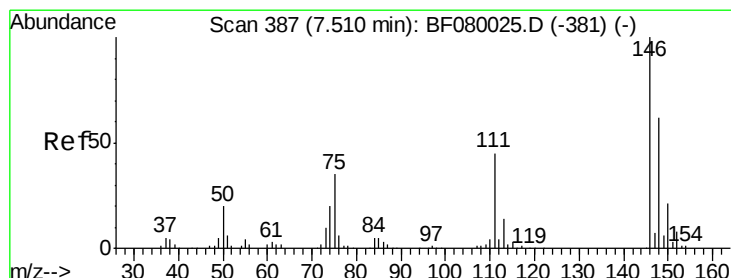
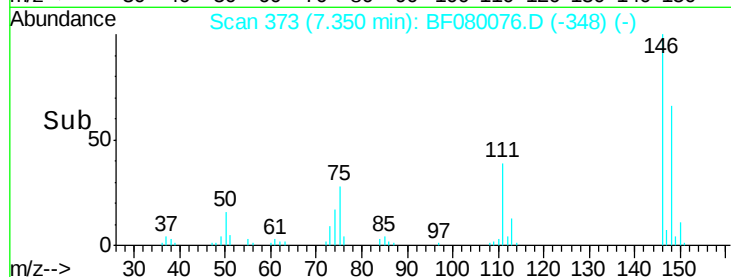
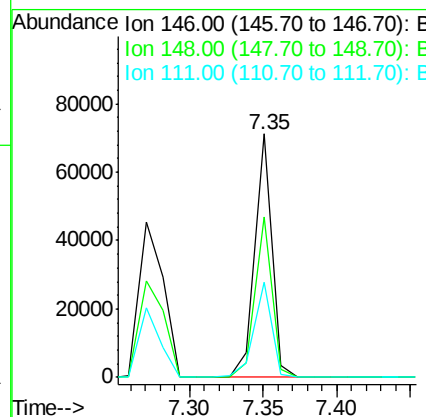
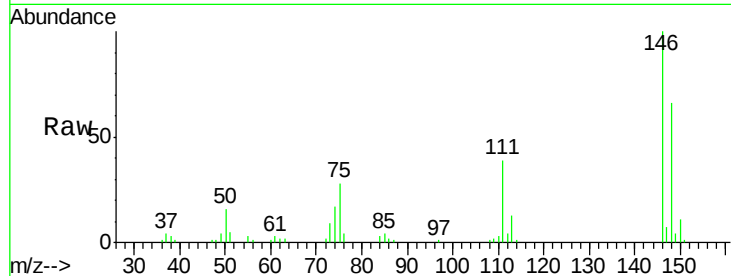
#13
1,4-Dichlorobenzene
Concen: 16.21 ng m
RT: 7.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	55992		
148	65.9	51.8	77.6	
111	39.1	24.9	37.3#	

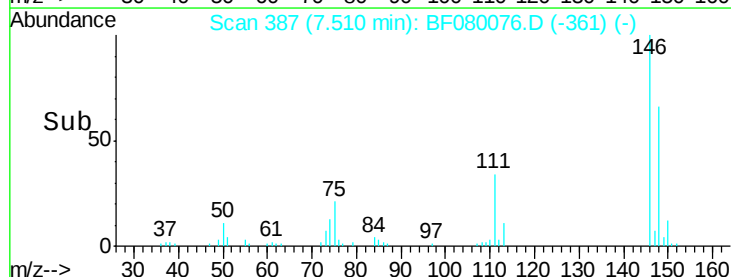
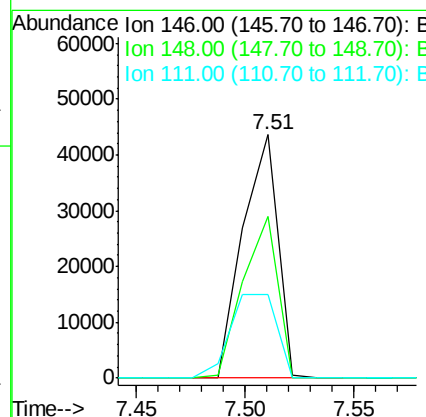
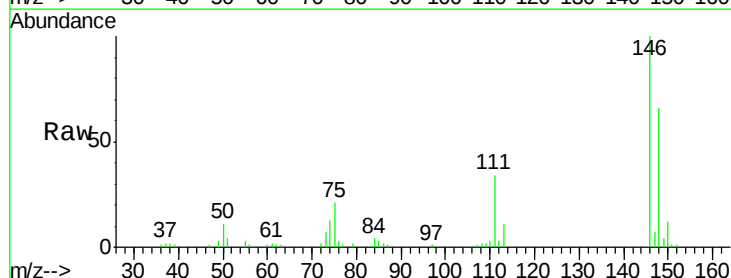
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#14
1,2-Dichlorobenzene
Concen: 14.48 ng
RT: 7.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	48680		
148	66.2	52.7	79.1	
111	34.4	28.8	43.2	





#15

Benzyl Alcohol

Concen: 14.65 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion: 79 Resp: 41686

Ion Ratio Lower Upper

79 100

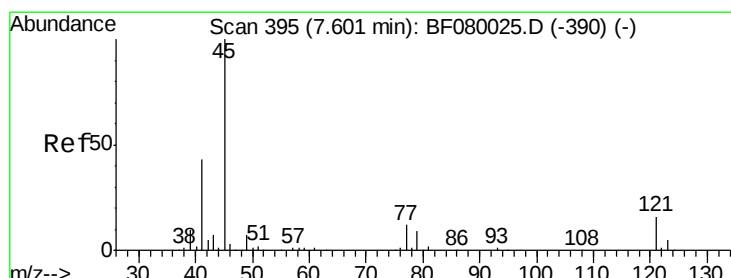
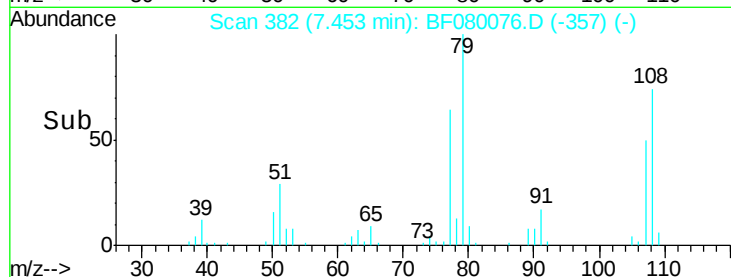
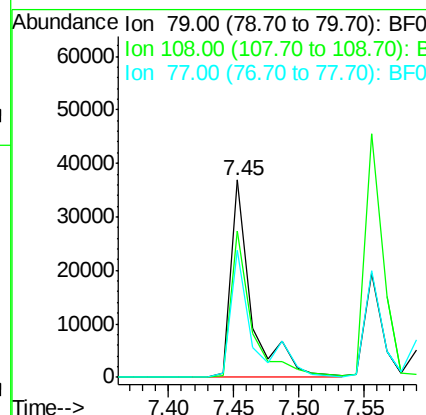
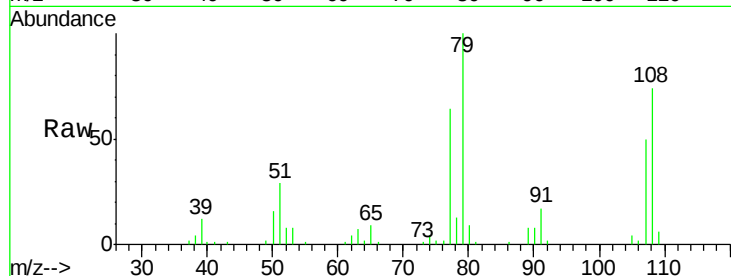
108 74.2 88.6 132.8#

77 64.2 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.77 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

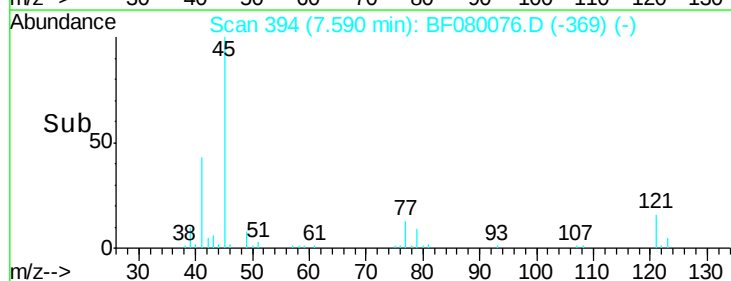
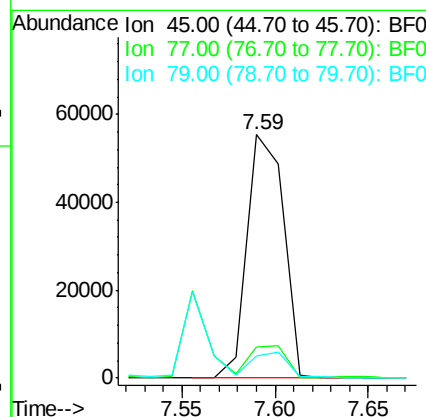
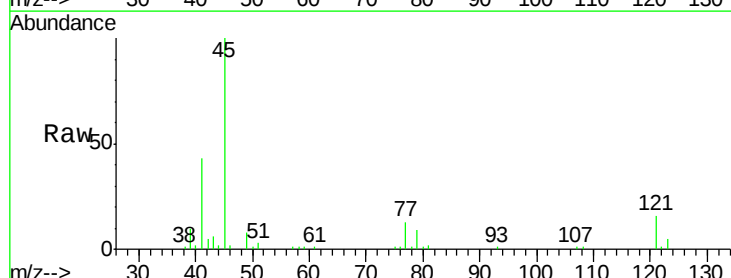
Tgt Ion: 45 Resp: 75038

Ion Ratio Lower Upper

45 100

77 12.5 0.0 28.1

79 9.3 0.0 26.0





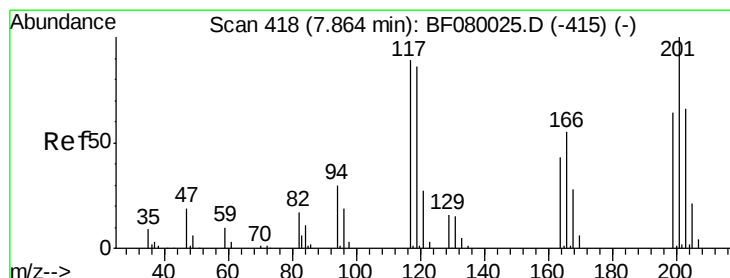
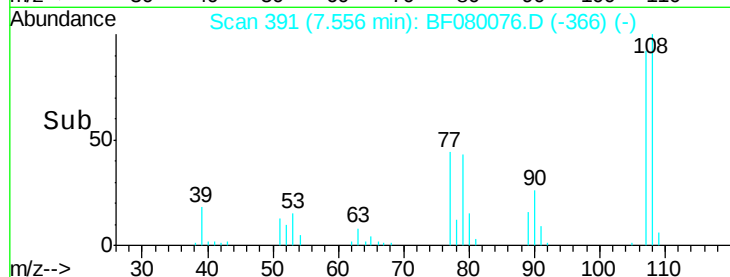
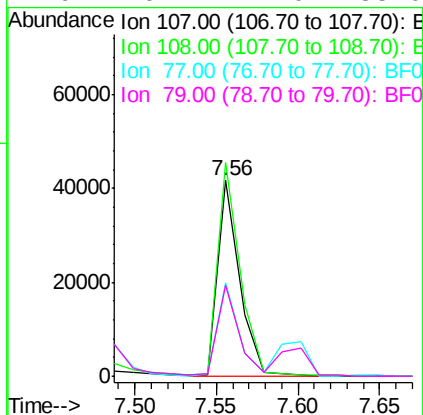
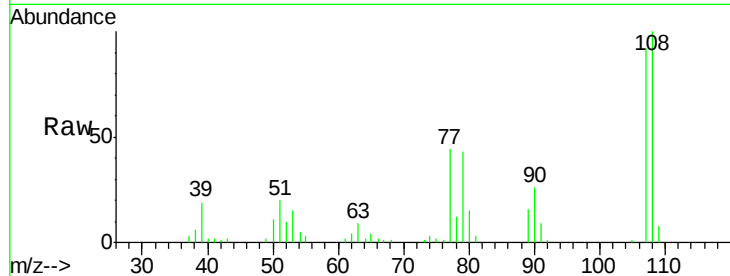
#17
2-Methylphenol
Concen: 15.11 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	39008	96.6	145.0
77	47.9		23.3	34.9#
79	46.7		22.0	33.0#

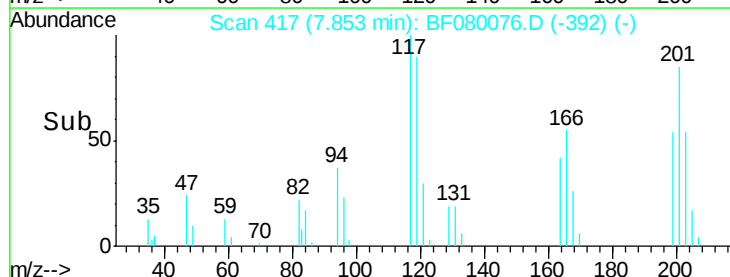
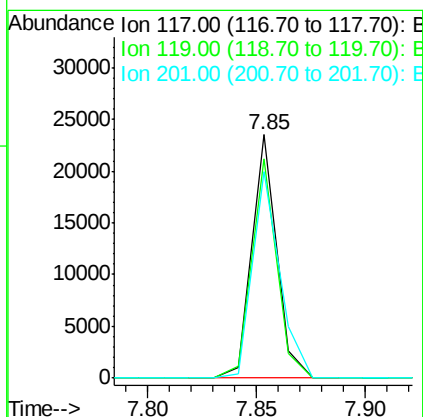
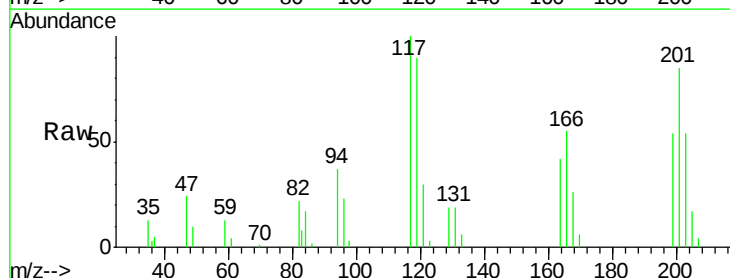
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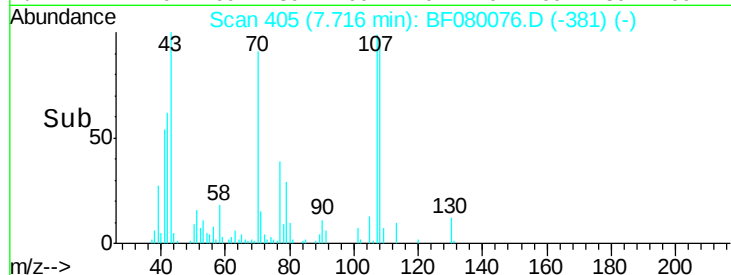
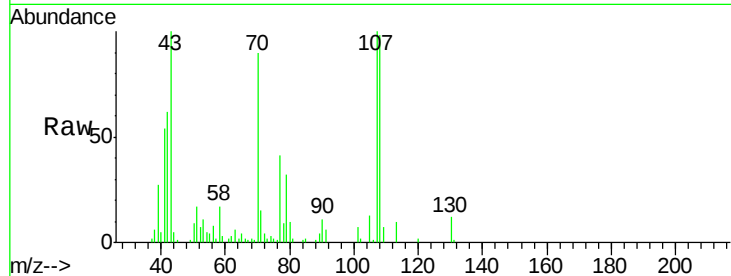
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#18
Hexachloroethane
Concen: 16.22 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18659		
119	90.2		83.8	125.6
201	84.9		55.1	82.7#





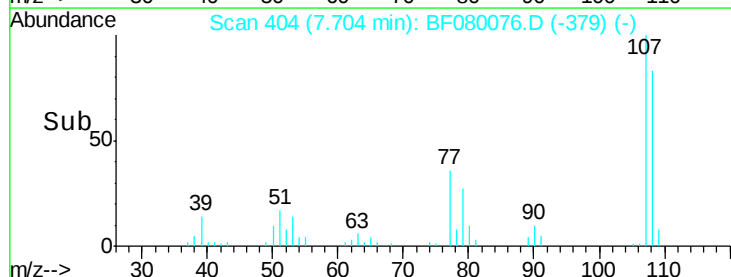
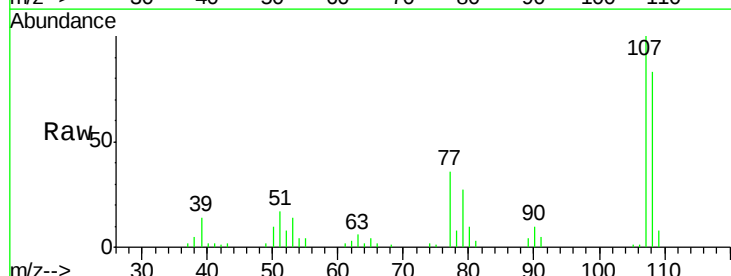
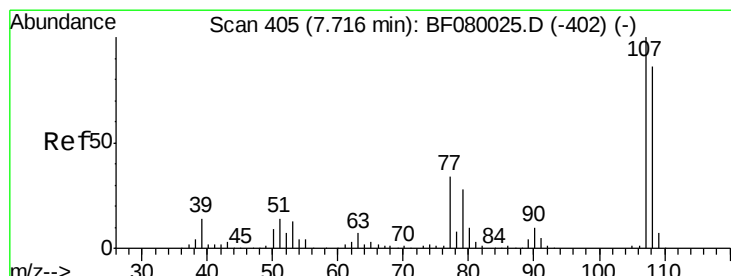
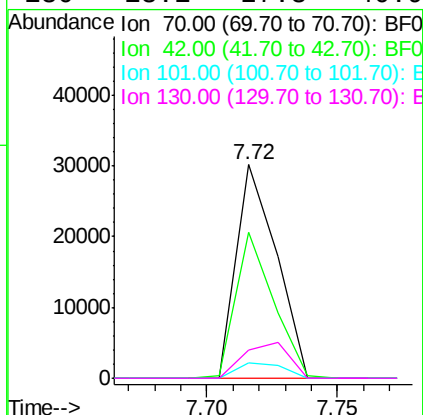
#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

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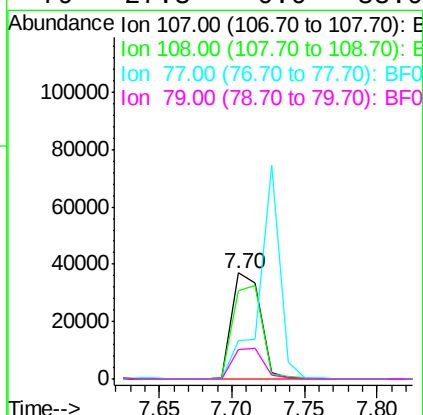
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.6	63.8	95.6
101	7.2	9.2	13.8#
130	13.1	27.3	40.9#



#20
3+4-Methylphenols
Concen: 15.28 ng
RT: 7.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.1	74.6	114.6
77	35.9	0.7	40.7
79	27.3	0.0	38.9





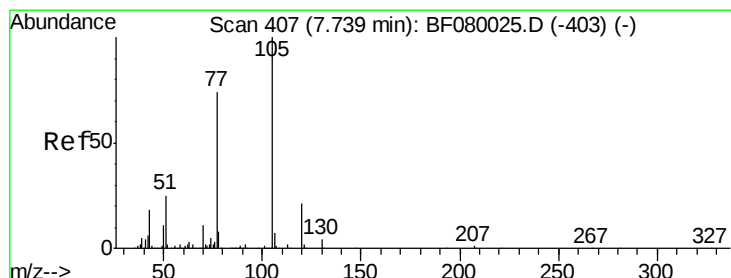
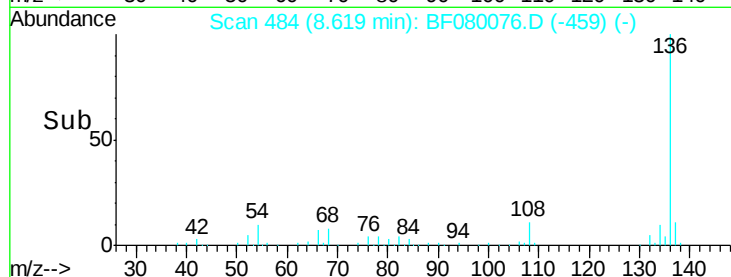
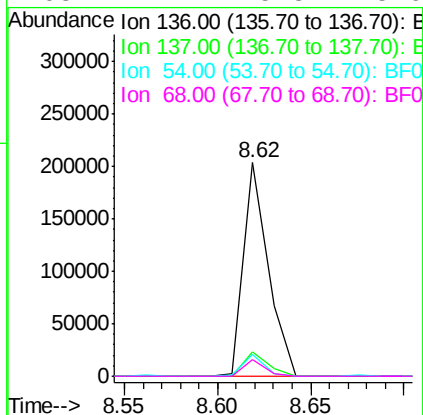
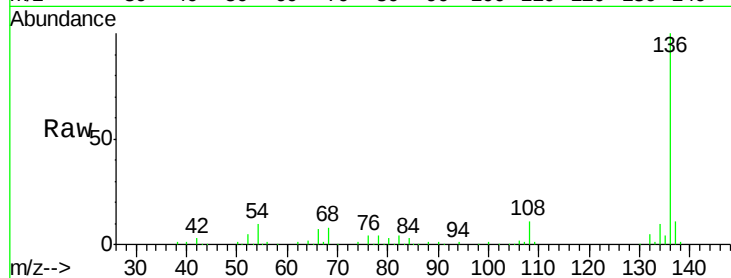
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.2	8.2	12.2
68	7.7	5.8	8.6

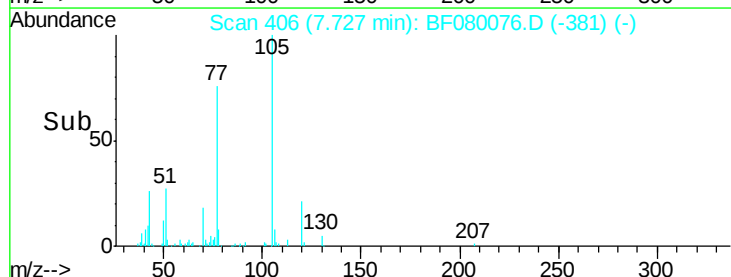
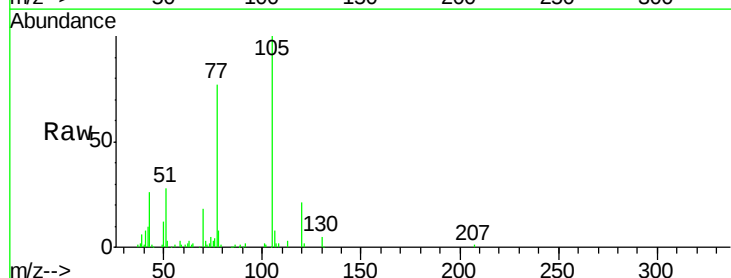
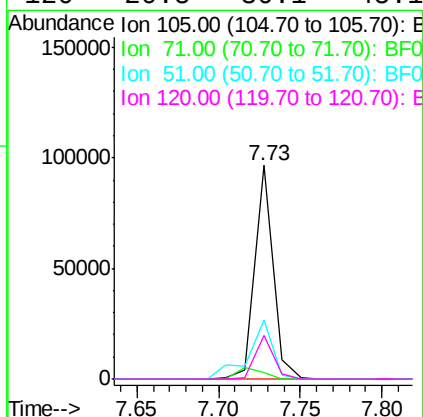
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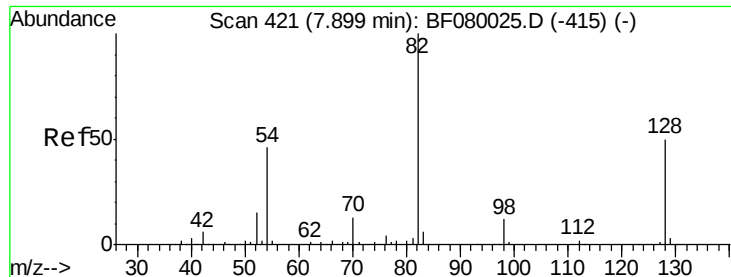
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#22
Acetophenone
Concen: 17.24 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.7	4.7	7.1#
51	27.9	22.0	33.0
120	20.5	30.1	45.1#





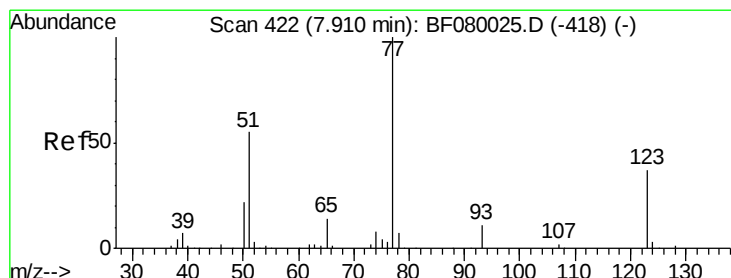
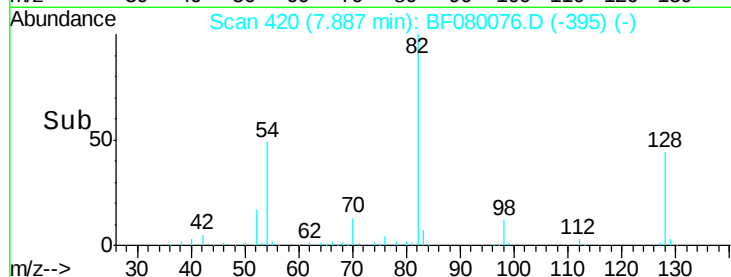
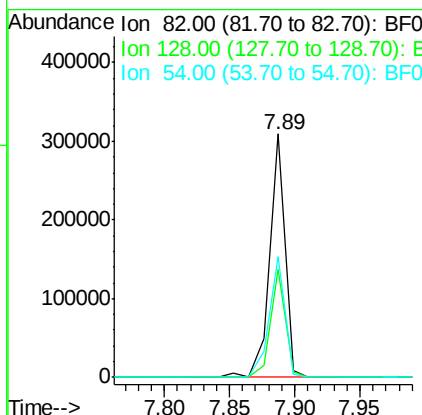
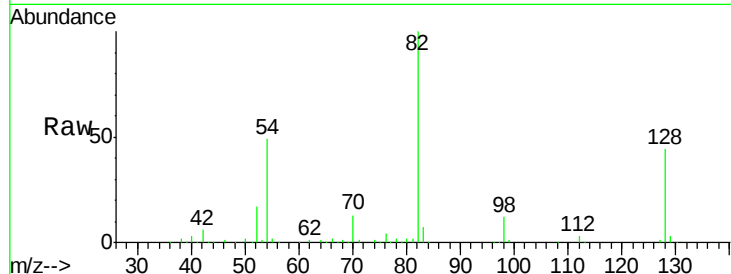
#23
 Nitrobenzene-d5
 Concen: 79.22 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.1	51.0	76.6#
54	49.4	47.5	71.3

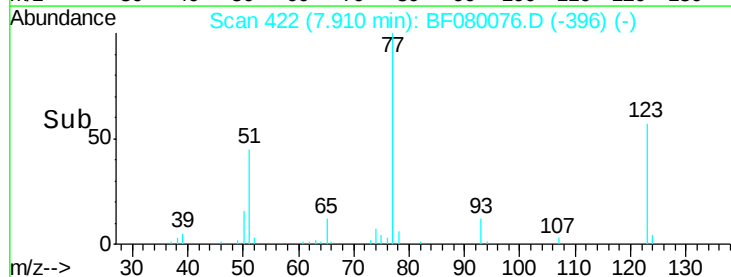
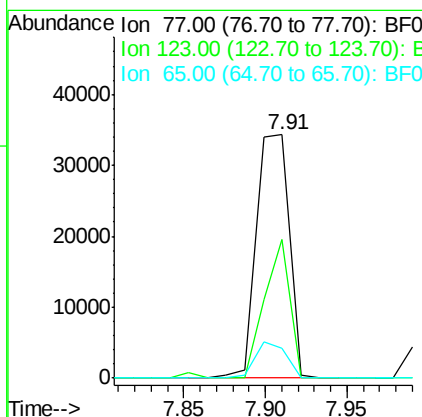
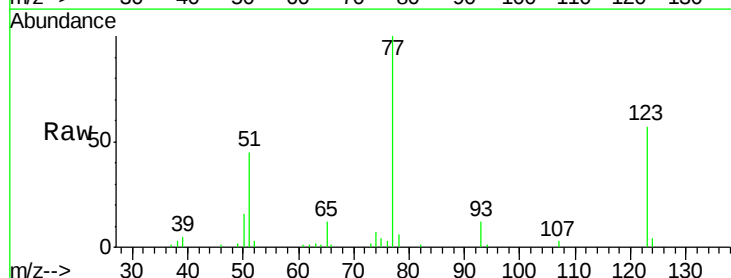
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#24
 Nitrobenzene
 Concen: 14.41 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	57.0	59.8	89.8#
65	12.3	10.2	15.4





#25

Isophorone

Concen: 14.76 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

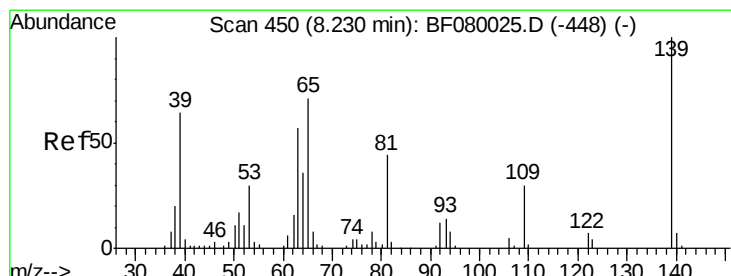
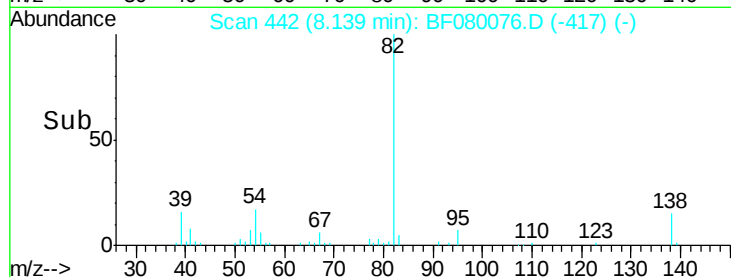
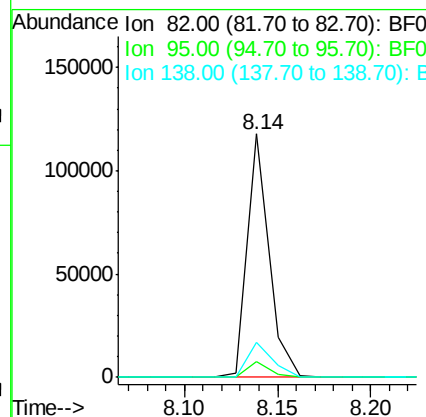
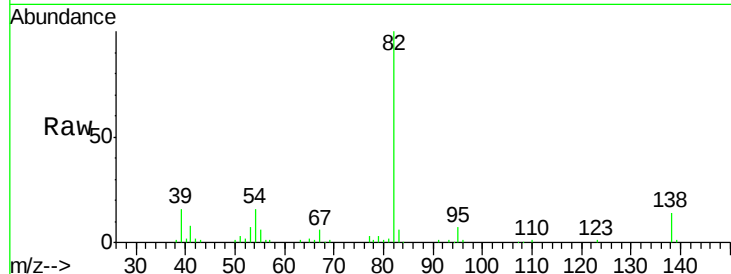
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:	82	Resp:	96111
Ion Ratio		Lower	Upper
82	100		
95	6.6	4.0	6.0#
138	14.3	18.3	27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 15.46 ng

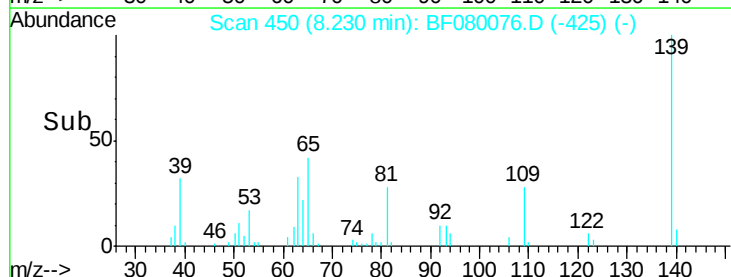
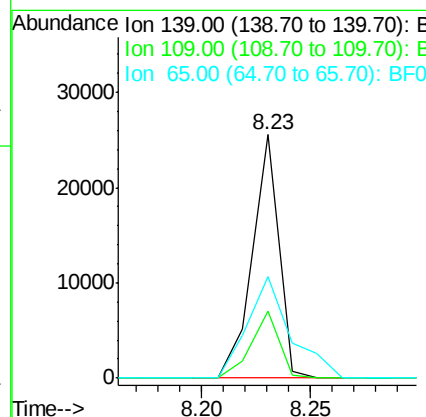
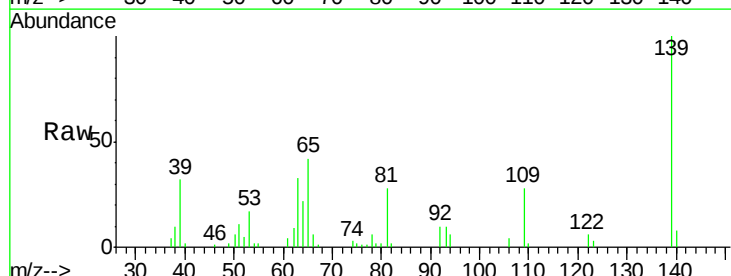
RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion:	139	Resp:	21616
Ion Ratio		Lower	Upper
139	100		
109	27.6	11.0	16.4#
65	42.0	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 14.58 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

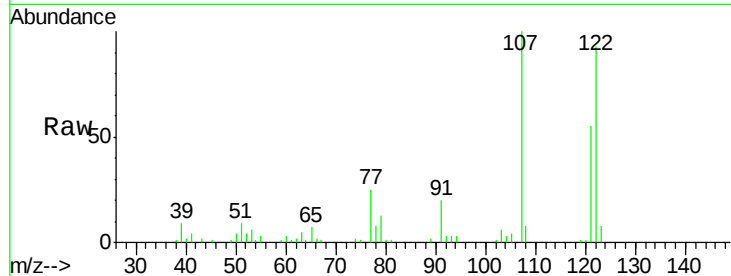
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:	122	Resp:	42507
Ion Ratio	Lower	Upper	
122	100		
107	107.1	71.8	107.6
121	58.5	42.3	63.5

Manual Integrations
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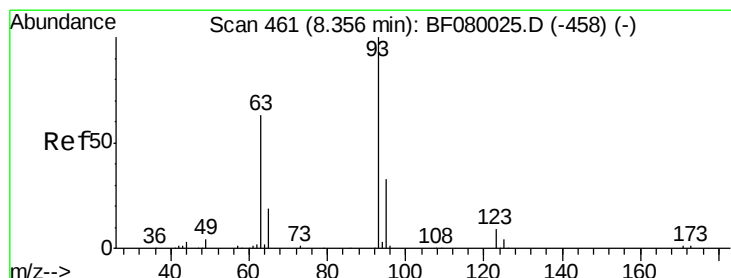
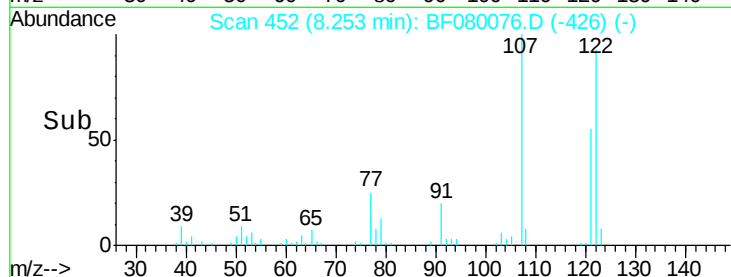
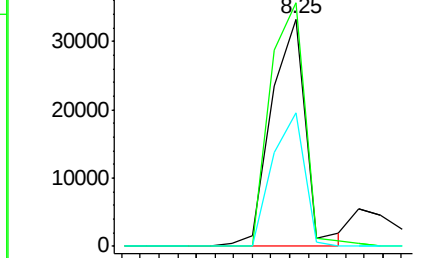
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 16.62 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080076.D

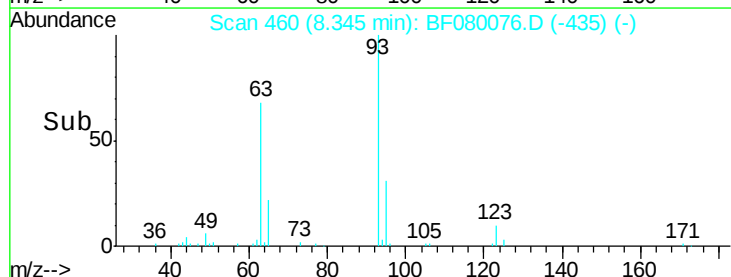
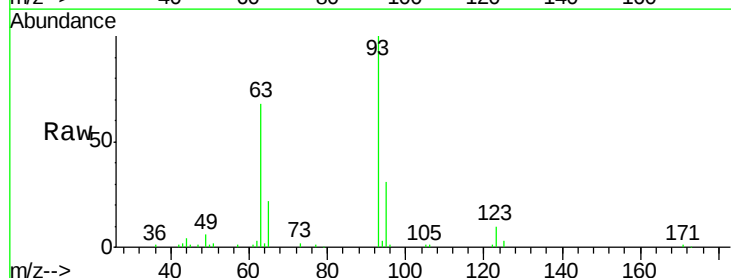
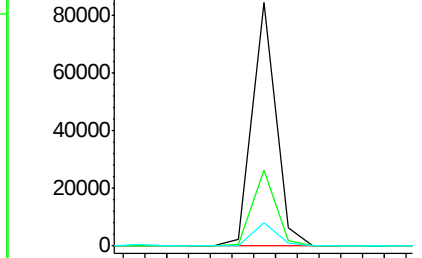
Acq: 20 Jun 2015 2:38

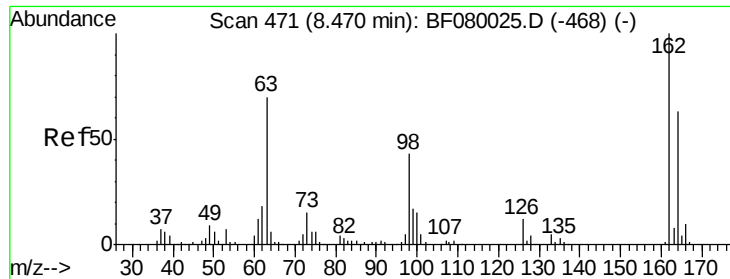
Tgt Ion:	93	Resp:	63594
Ion Ratio	Lower	Upper	
93	100		
95	31.4	27.5	41.3
123	9.6	13.7	20.5#

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





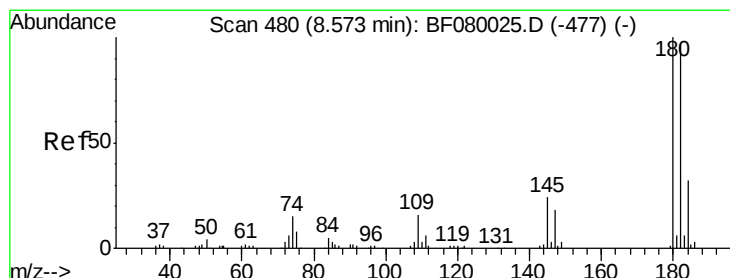
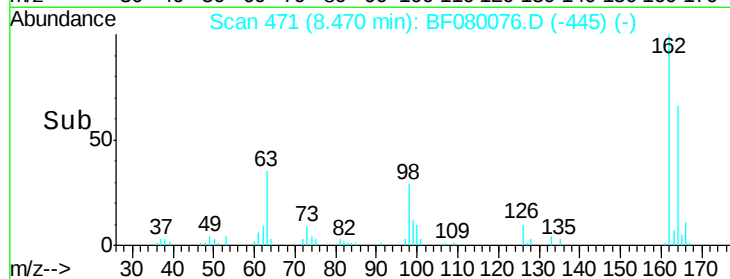
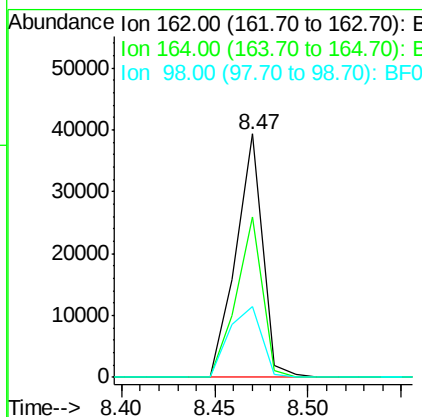
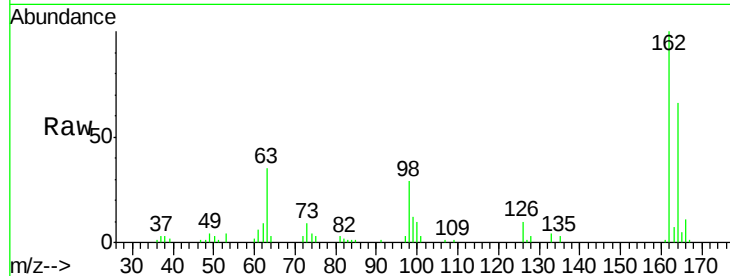
#29
 2,4-Dichlorophenol
 Concen: 15.78 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	44.9	84.9
98	28.9	13.0	53.0

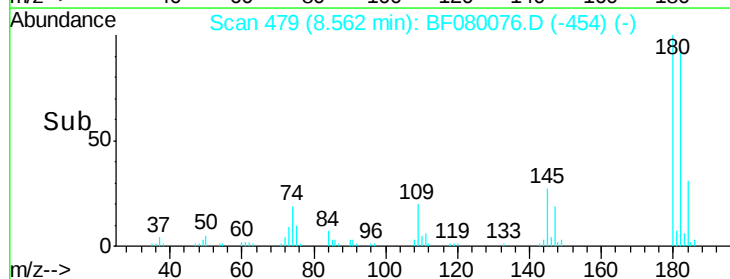
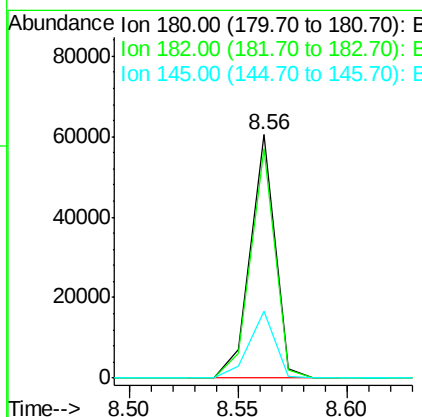
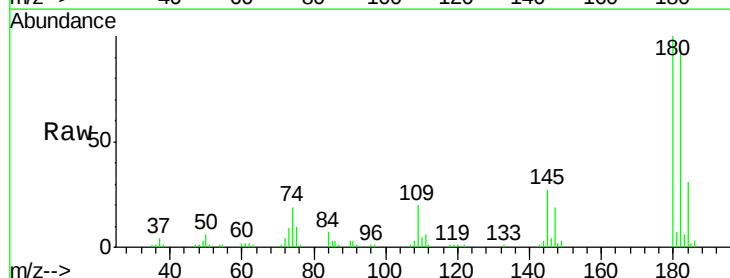
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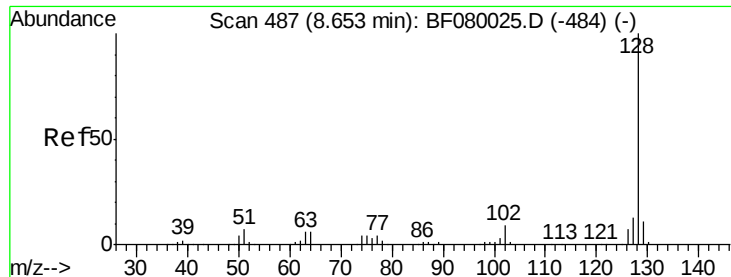
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#30
 1,2,4-Trichlorobenzene
 Concen: 16.92 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	77.1	115.7
145	27.3	23.3	34.9





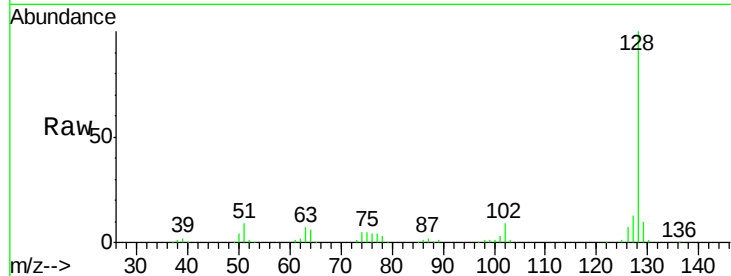
#31
Naphthalene
Concen: 14.86 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
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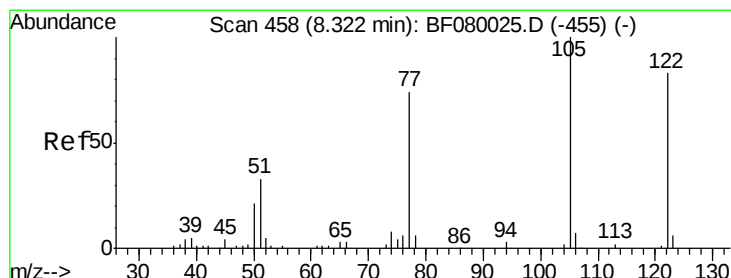
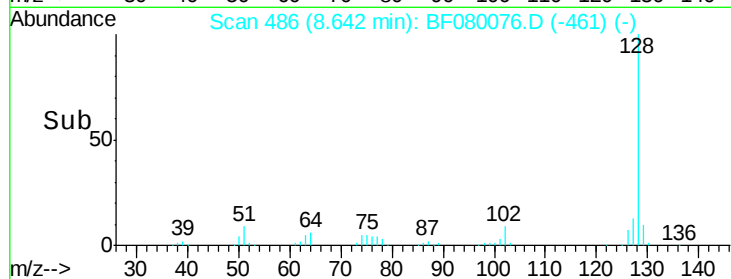
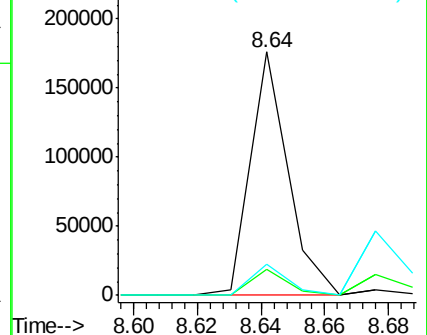
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	146364		
129	10.5	8.4	12.6	
127	12.8	9.9	14.9	

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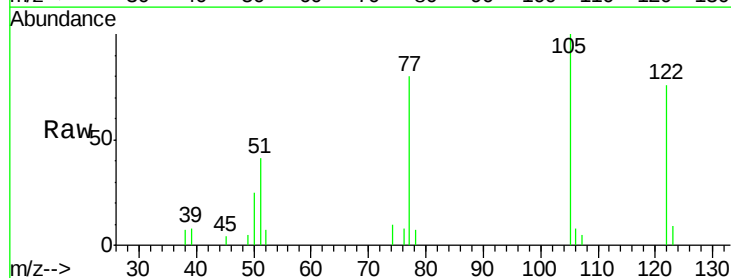


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

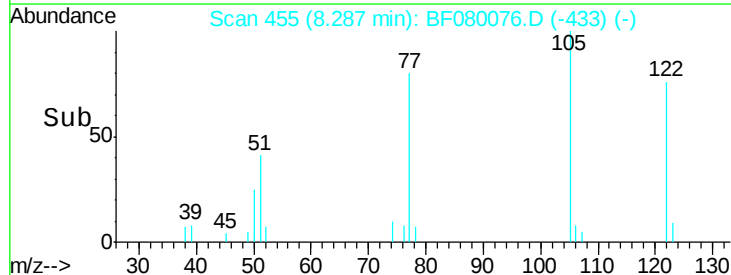
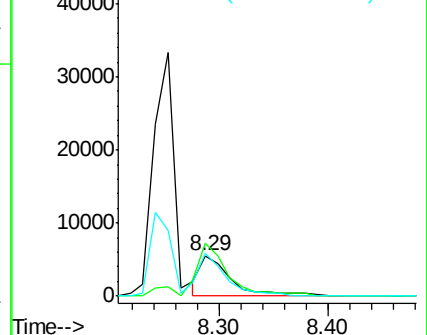


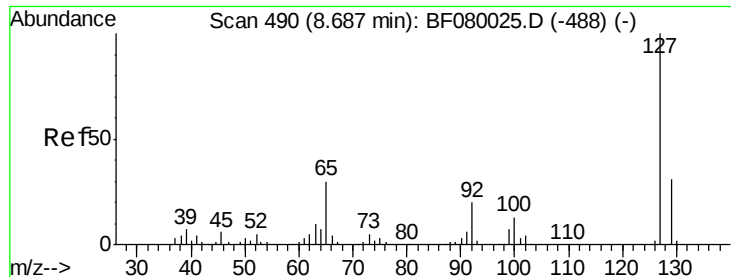
#32
Benzoic acid
Concen: 6.25 ng
RT: 8.29 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	11023		
105	131.4	76.1	116.1#	
77	105.3	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





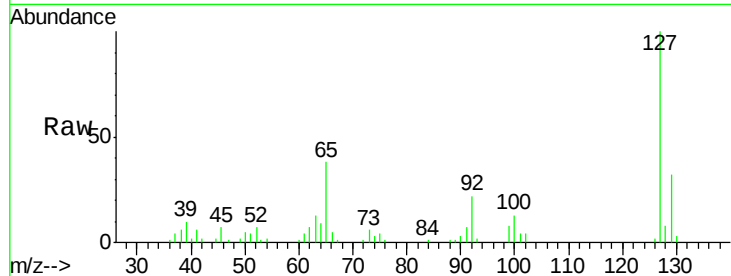
#33
4-Chloroaniline
Concen: 10.36 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
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ClientSampleId :
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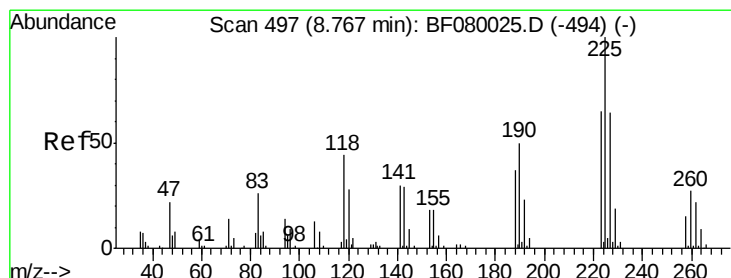
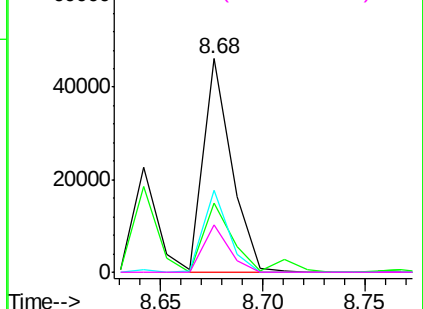
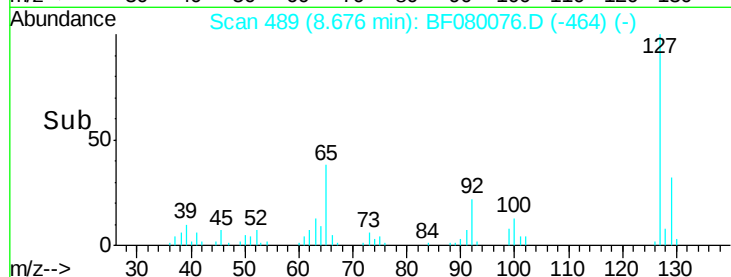
Tgt Ion:	127	Resp:	43685
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.6
65	38.1	17.9	26.9#
92	22.5	10.5	15.7#

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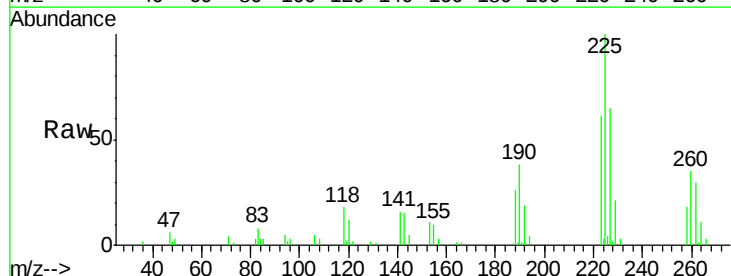


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

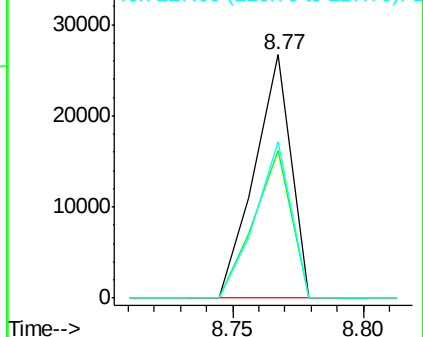
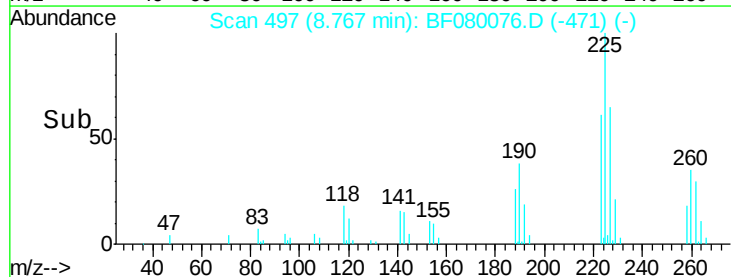


#34
Hexachlorobutadiene
Concen: 14.82 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion:	225	Resp:	25881
Ion Ratio	Lower	Upper	
225	100		
223	60.7	50.2	75.2
227	64.5	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





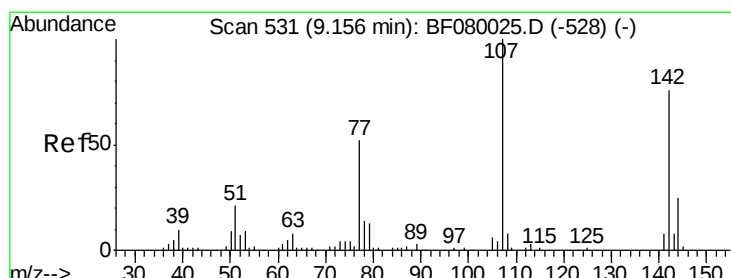
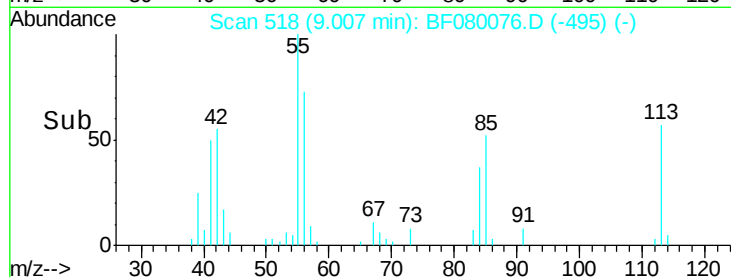
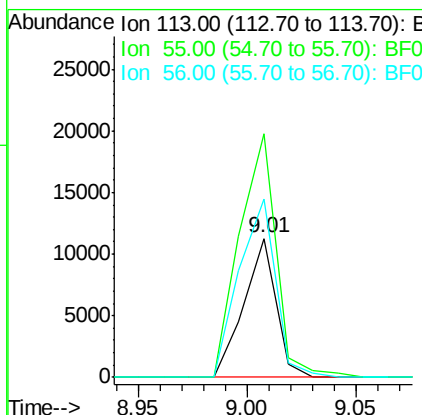
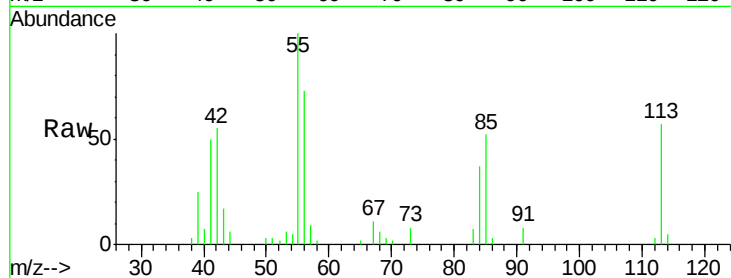
#35
 Caprolactam
 Concen: 14.23 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.0	152.4	192.4
56	128.2	104.6	144.6

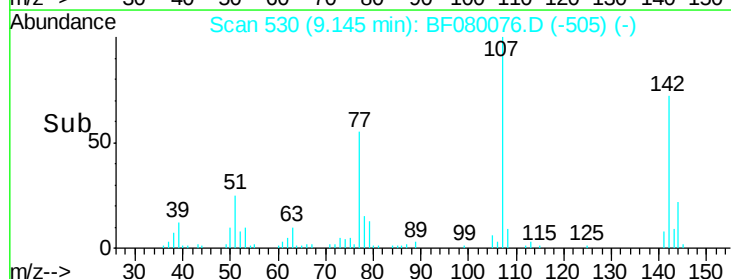
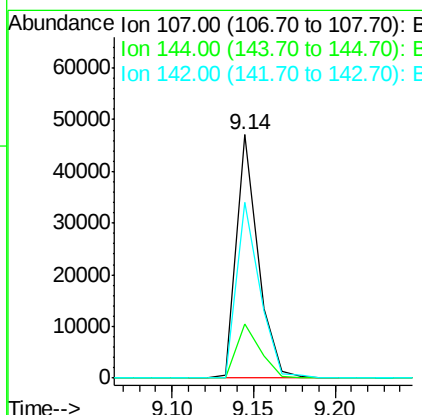
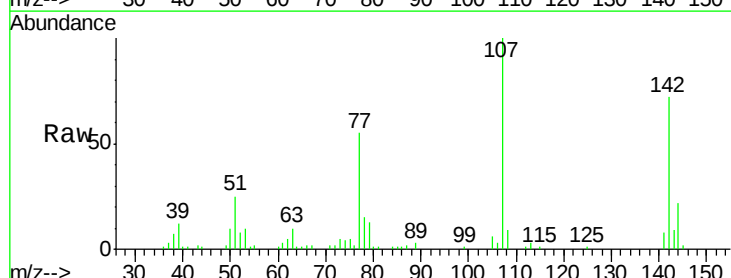
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#36
 4-Chloro-3-methylphenol
 Concen: 15.33 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	25.4	38.0#
142	72.1	77.3	115.9#





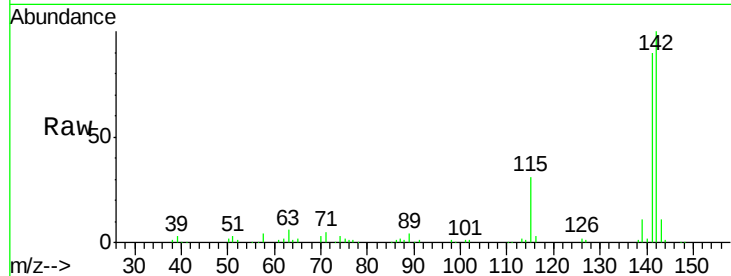
#37
2-Methylnaphthalene
Concen: 16.89 ng
RT: 9.34 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

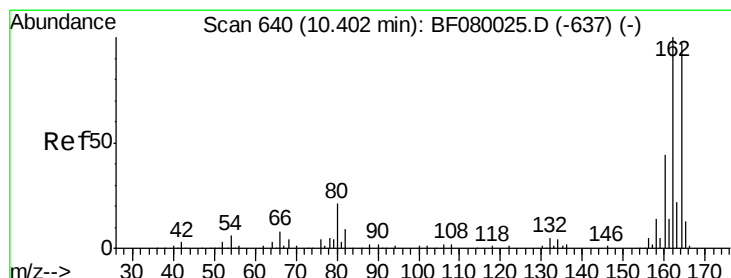
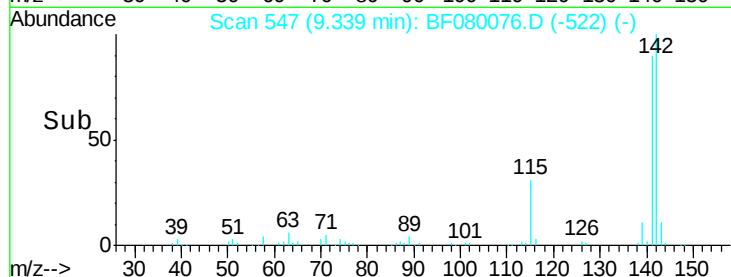
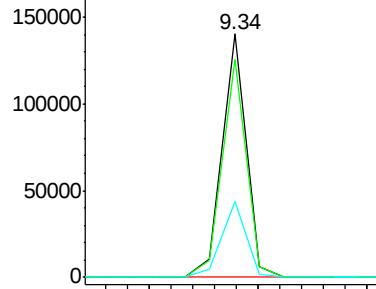
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.6	67.5	101.3
115	31.4	18.2	27.2

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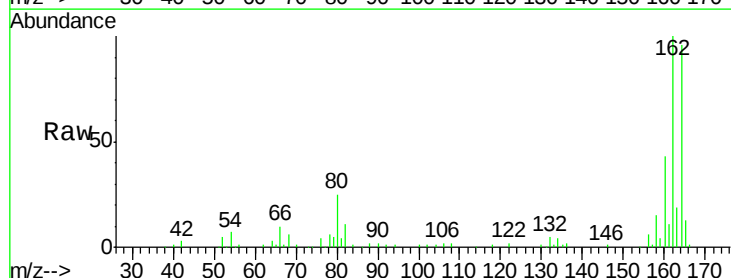


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

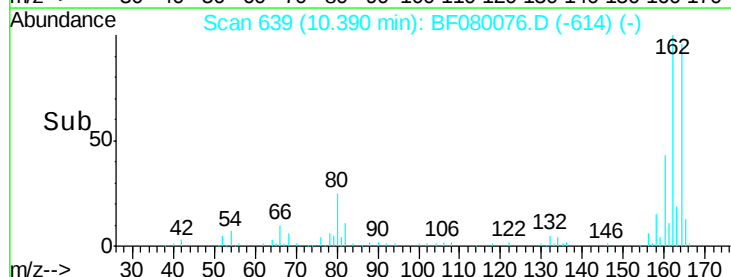
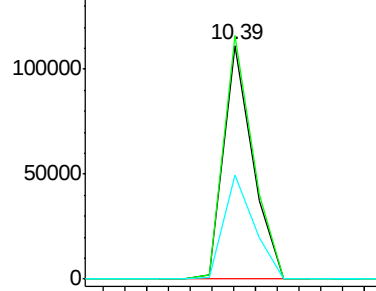


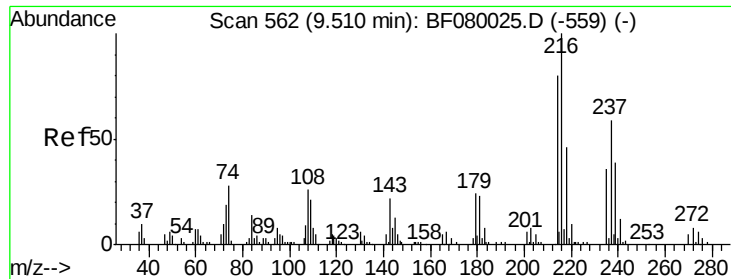
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.0	75.2	112.8
160	44.5	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
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: 16.52 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080076.D

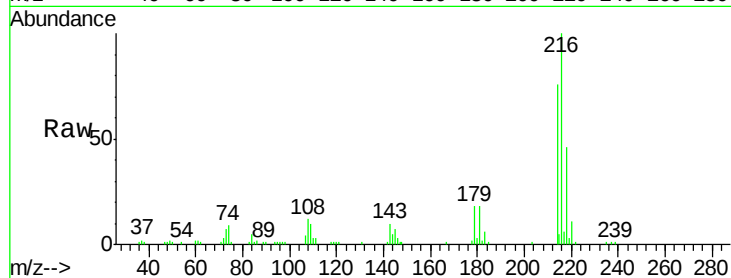
Acq: 20 Jun 2015 2:38

Instrument :

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Tgt Ion:216 Resp: 49723

Ion Ratio Lower Upper

216 100

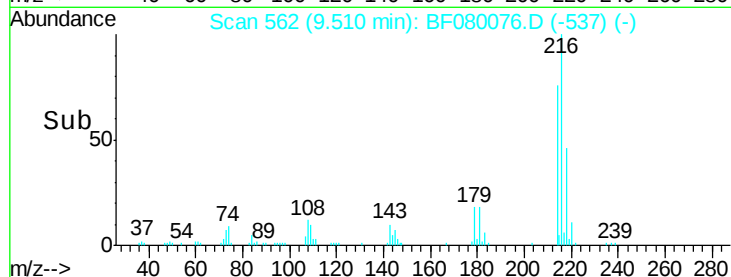
214 75.8 63.5 95.3

179 19.6 16.6 24.8

108 16.9 16.3 24.5

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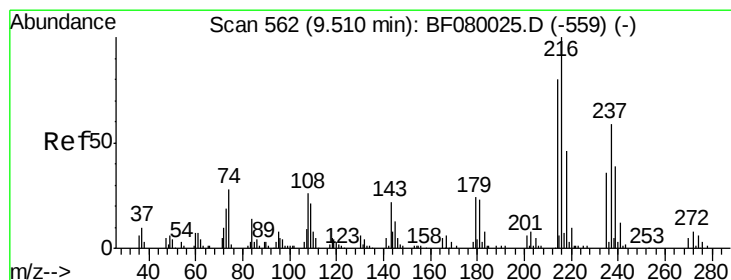
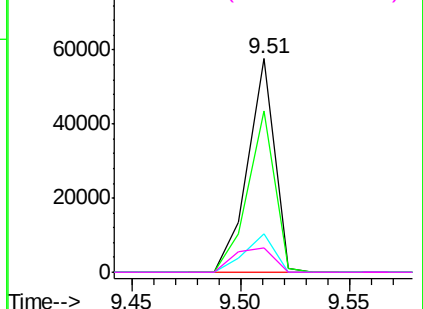


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.42 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

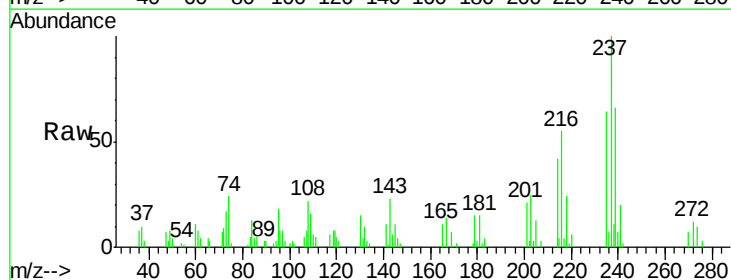
Tgt Ion:237 Resp: 18767

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

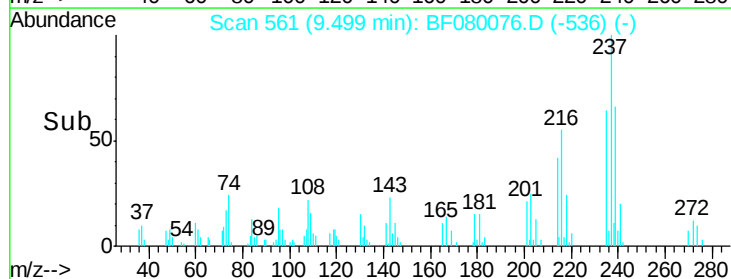
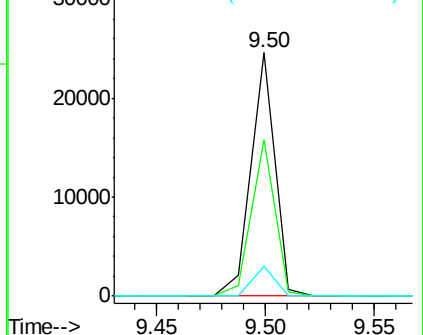
272 12.3 0.0 36.1

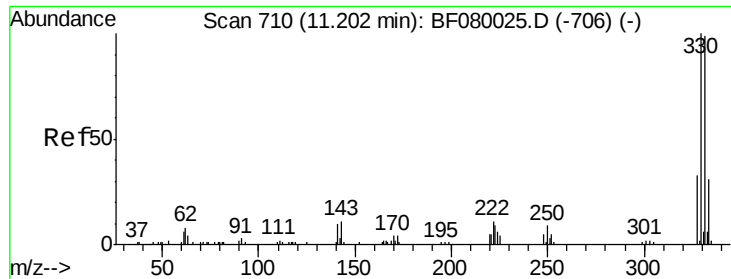


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





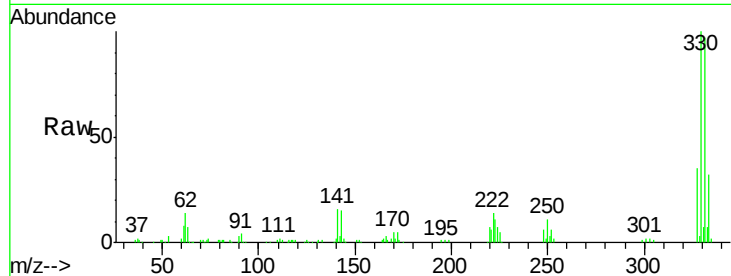
#41
 2,4,6-Tribromophenol
 Concen: 124.37 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
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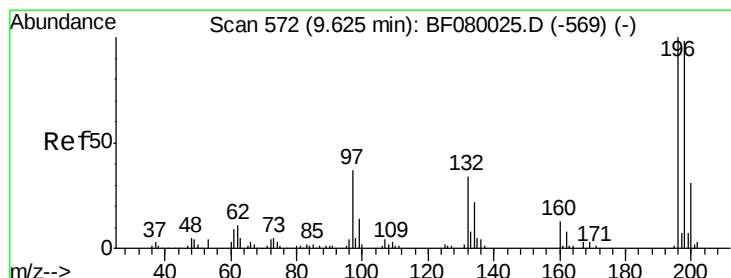
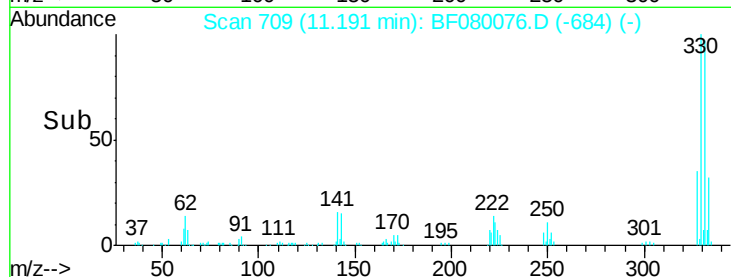
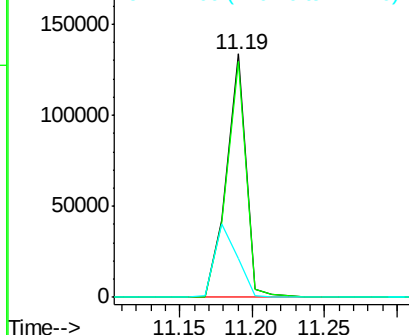
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	125779		
332	96.7	76.6	114.8	
141	35.0	29.7	44.5	

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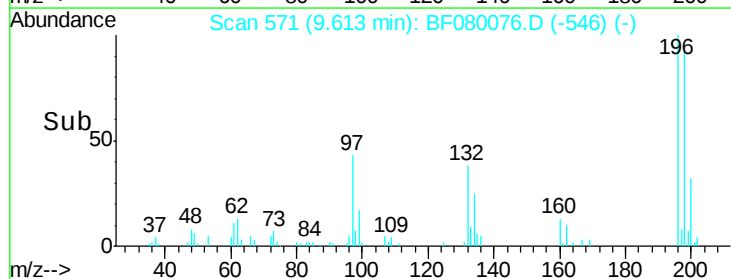
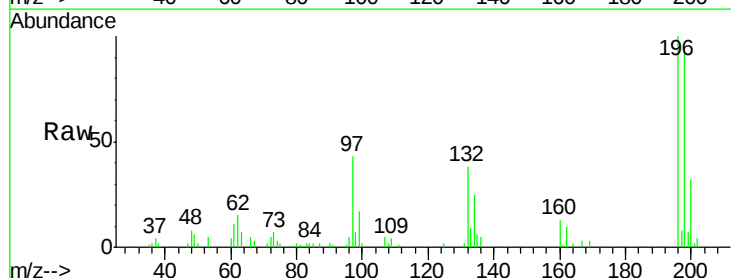
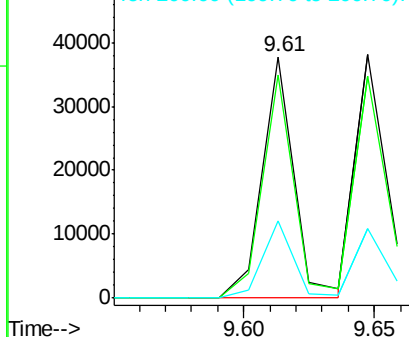
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

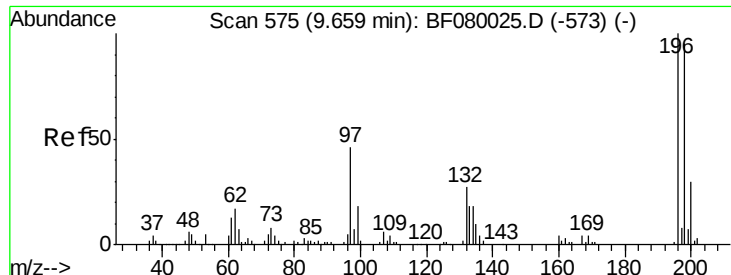


#42
 2,4,6-Trichlorophenol
 Concen: 15.47 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	31682		
198	92.4	75.7	113.5	
200	32.1	23.9	35.9	

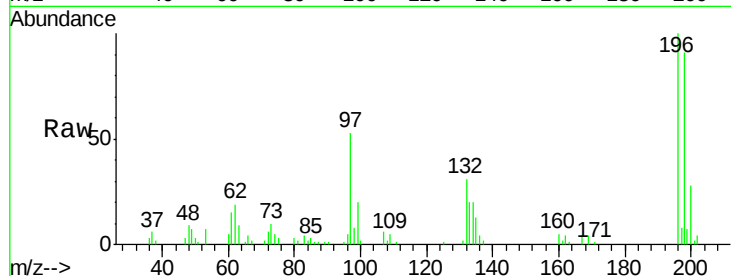
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 14.25 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

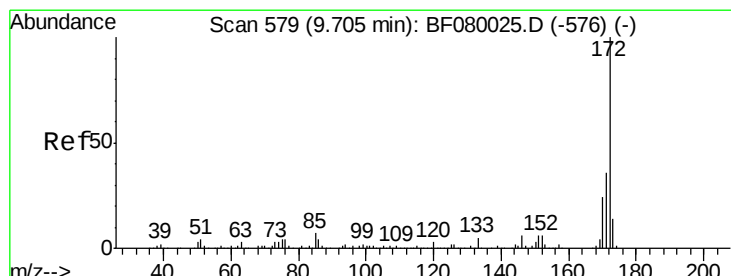
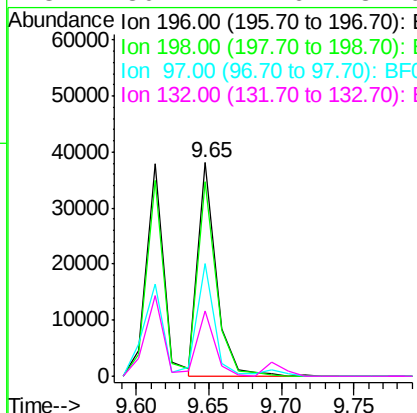
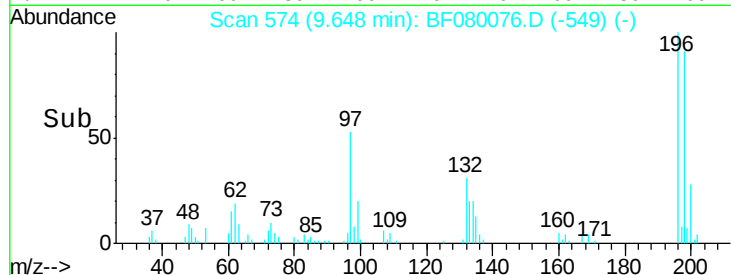
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33627		
198	90.9	75.4	113.0	
97	52.7	33.3	49.9	
132	30.7	24.6	37.0	

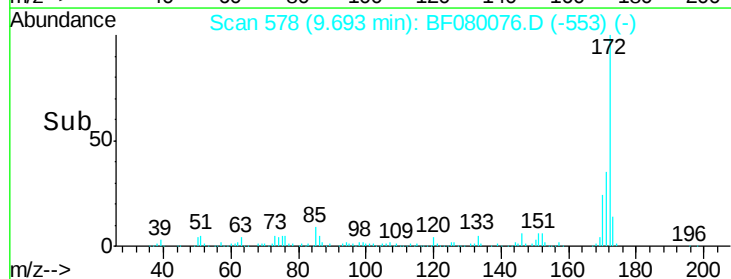
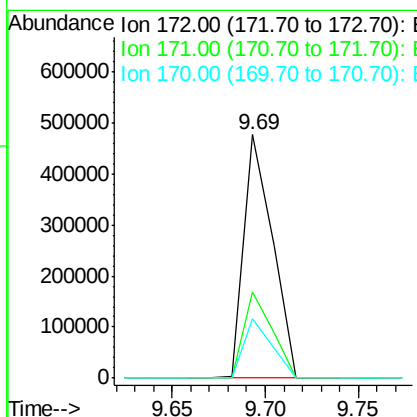
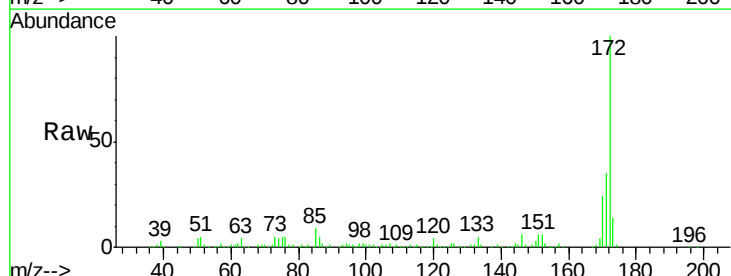
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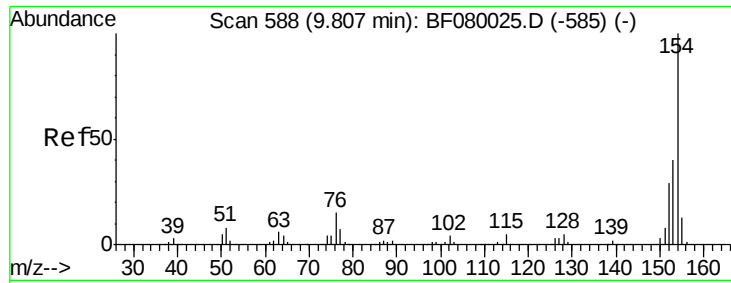
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#44
 2-Fluorobiphenyl
 Concen: 70.12 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	508502		
171	35.4	26.1	39.1	
170	24.3	17.4	26.2	





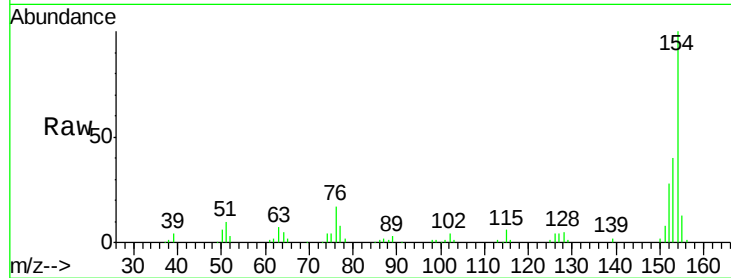
#45
 1,1'-Biphenyl
 Concen: 14.72 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

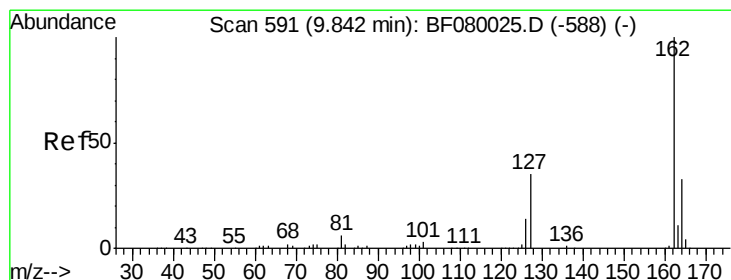
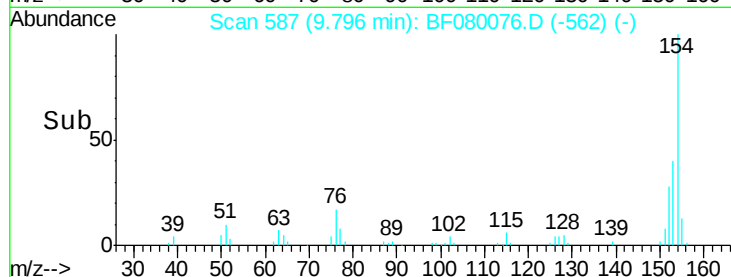
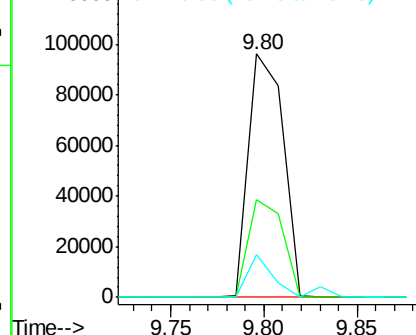
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.0	17.1	57.1
76	17.3	0.0	31.6

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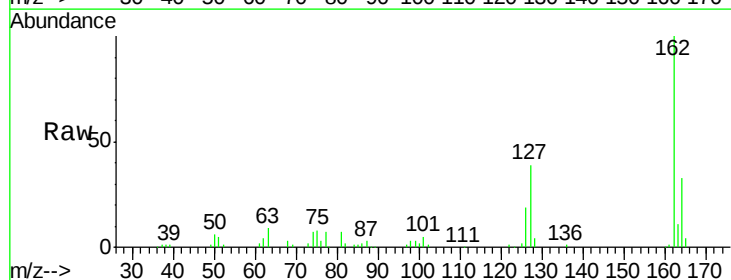


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

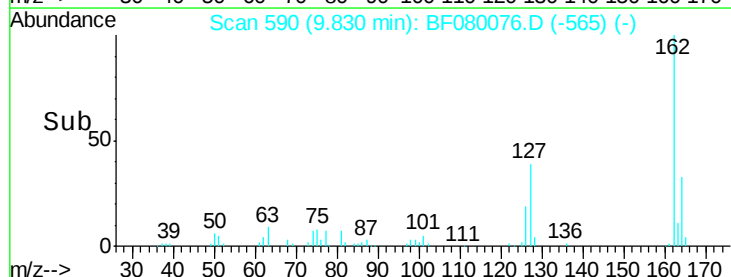
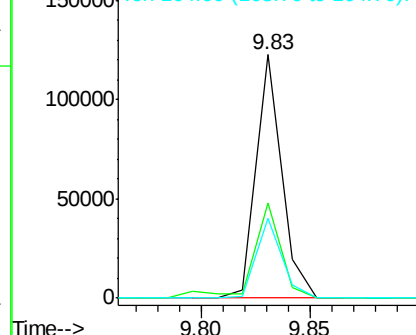


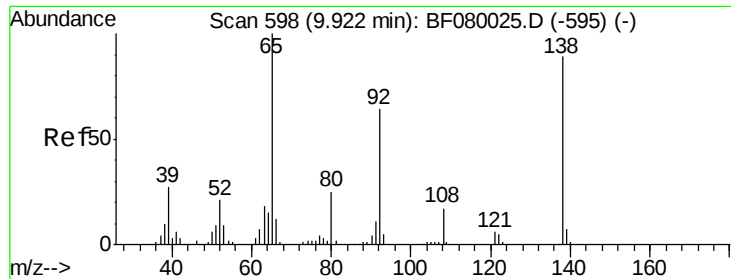
#46
 2-Chloronaphthalene
 Concen: 14.69 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.0	27.6	41.4
164	33.0	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: 13.07 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080076.D

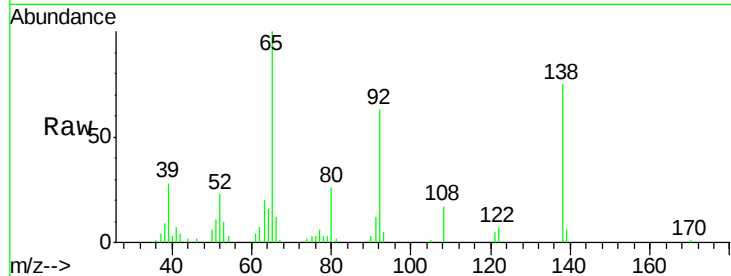
Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

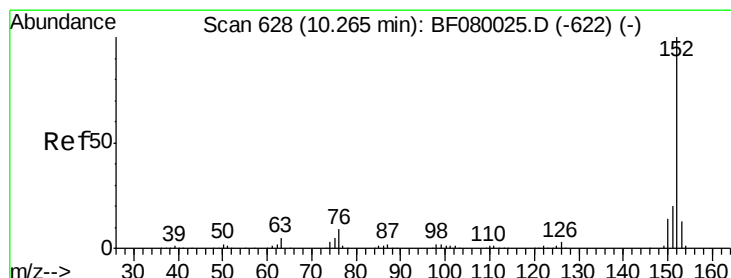
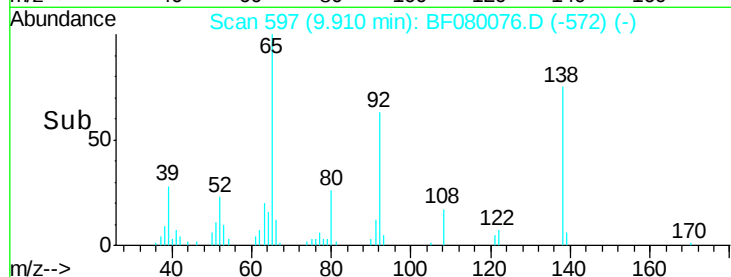
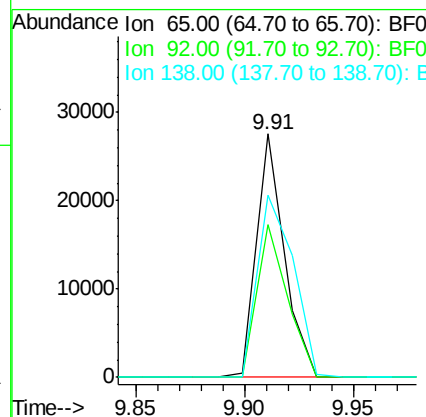
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	55.4	83.0
138	75.0	115.5	173.3#

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#48

Acenaphthylene

Concen: 14.69 ng

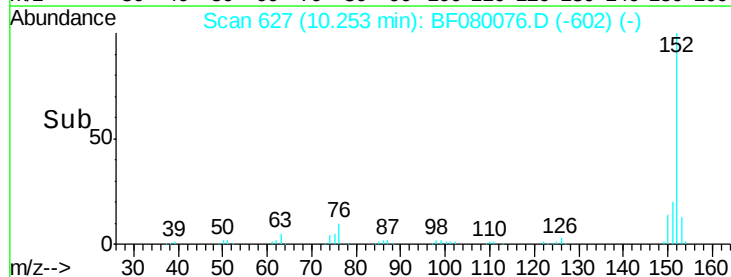
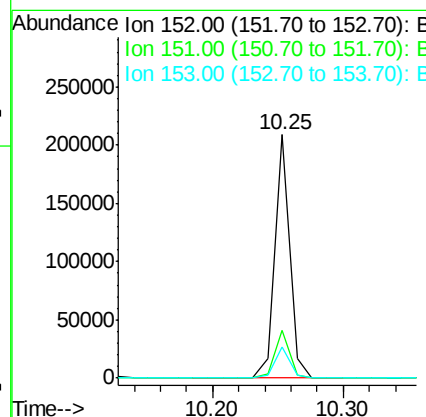
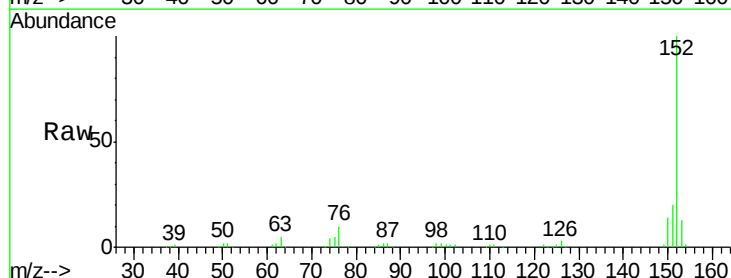
RT: 10.25 min Scan# 627

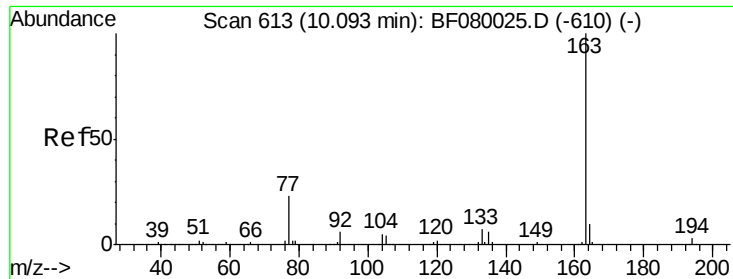
Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	14.6	22.0
153	12.7	10.3	15.5





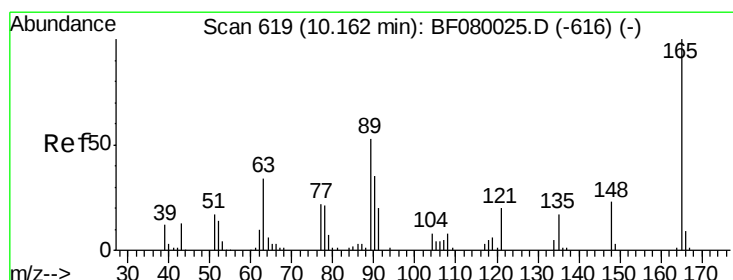
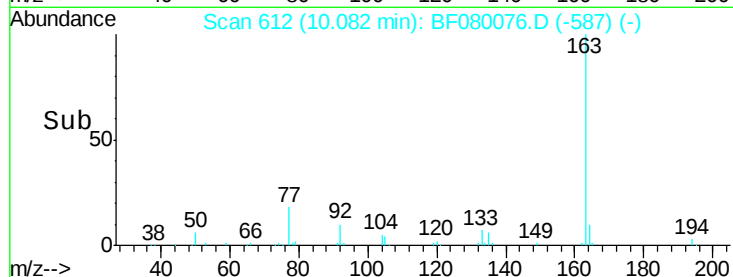
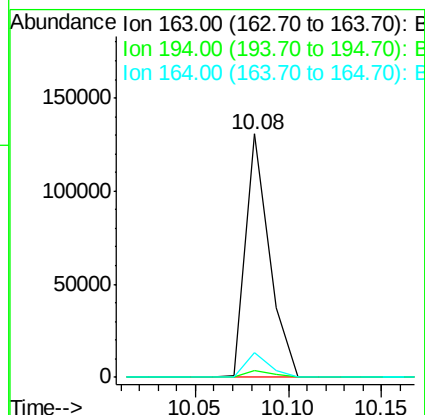
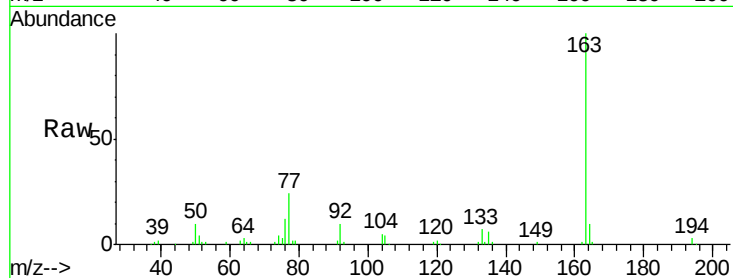
#49
Dimethylphthalate
Concen: 14.91 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	4.4	6.6#
164	10.1	8.3	12.5

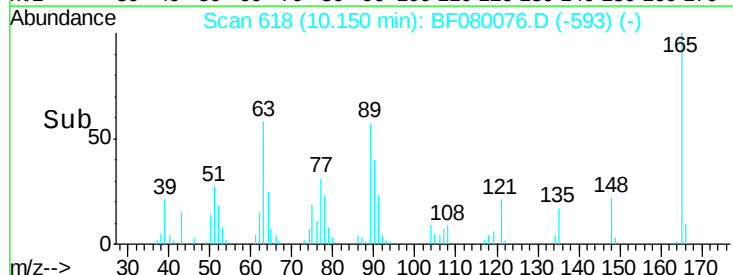
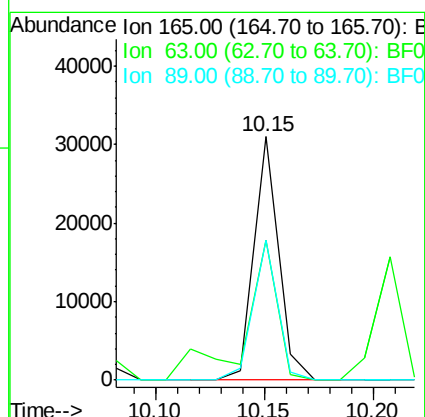
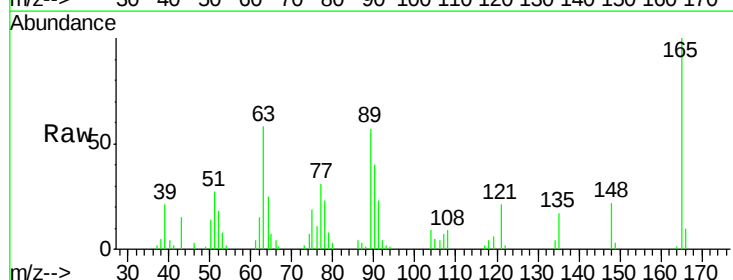
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#50
2,6-Dinitrotoluene
Concen: 15.62 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.5	32.3	48.5#
89	57.4	28.6	43.0#





#51

Acenaphthene

Concen: 13.93 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

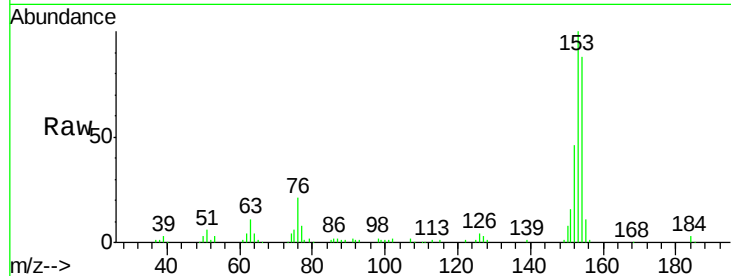
ClientSampleId :

LOQ-SOIL2015-02

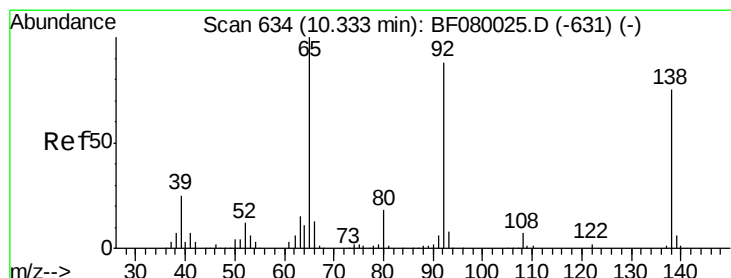
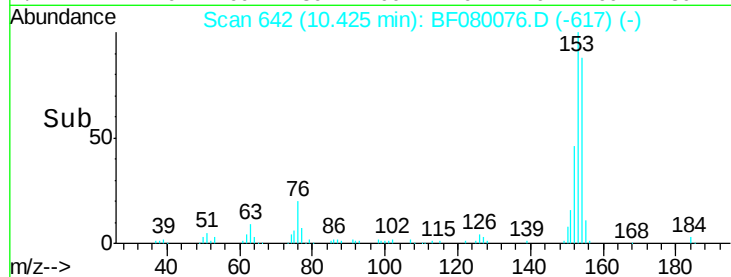
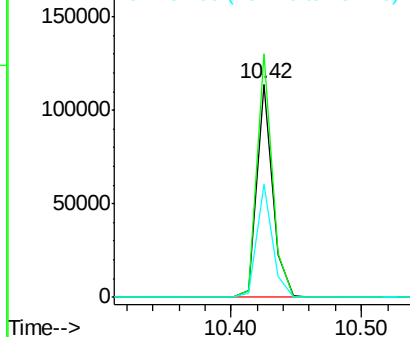
Tgt Ion:	154	Resp:	97145
Ion Ratio	Lower	Upper	
154	100		
153	114.2	82.1	123.1
152	52.9	37.9	56.9

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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: 13.24 ng

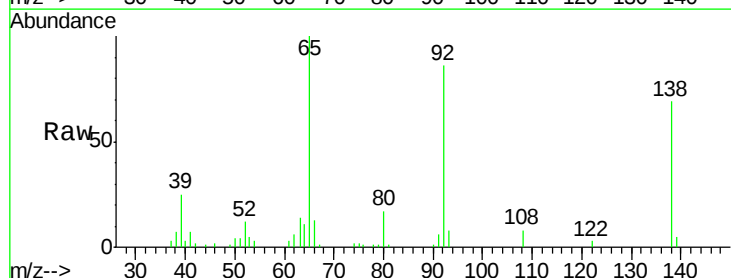
RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

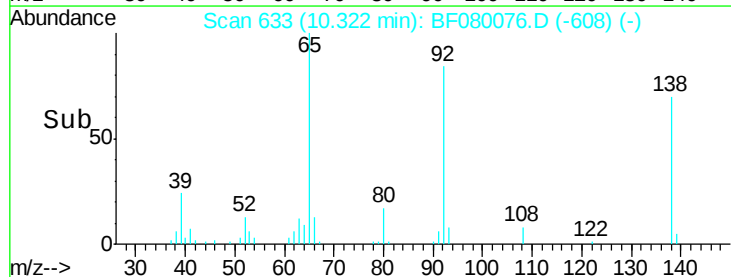
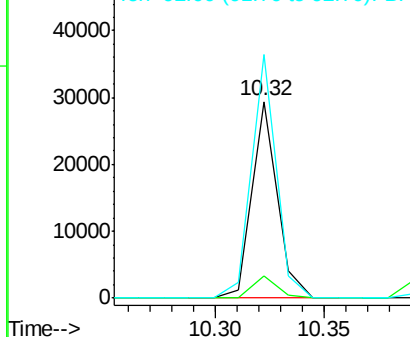
Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion:	138	Resp:	23805
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.7	8.5#
92	124.0	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





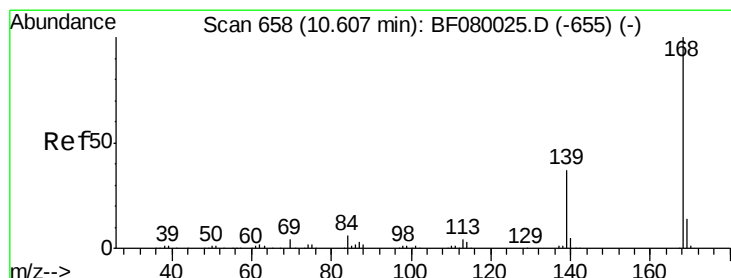
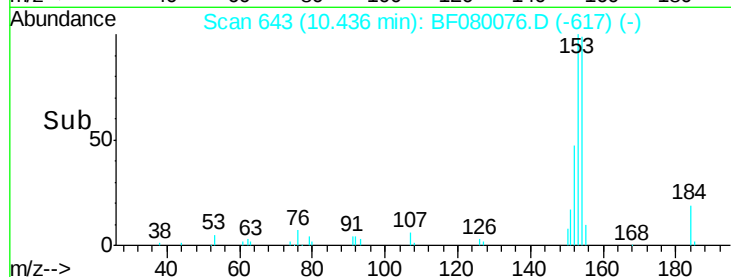
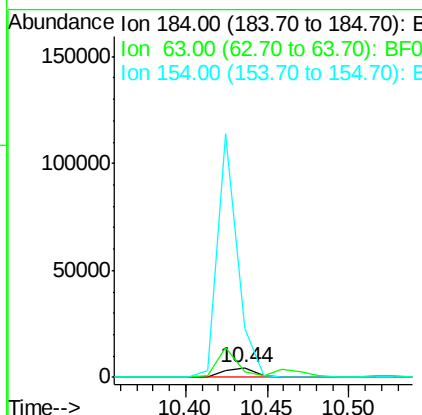
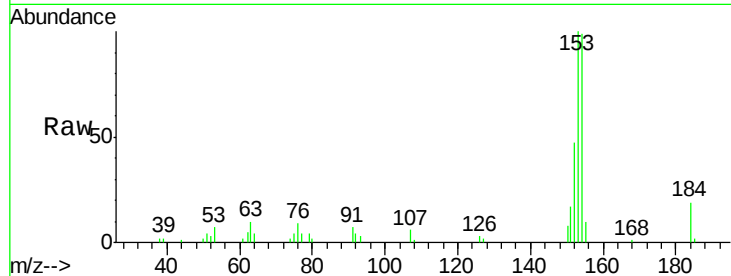
#53
2,4-Dinitrophenol
Concen: 15.30 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	6479		
63	53.6	35.4	53.2#	
154	508.6	32.2	48.4#	

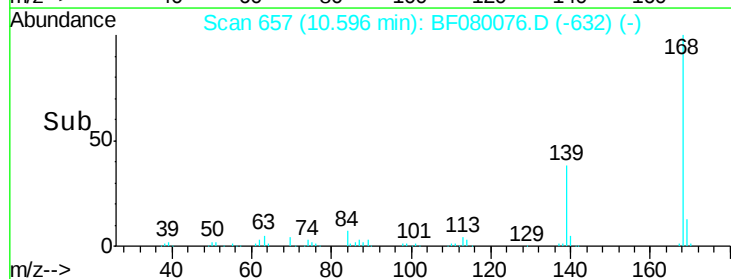
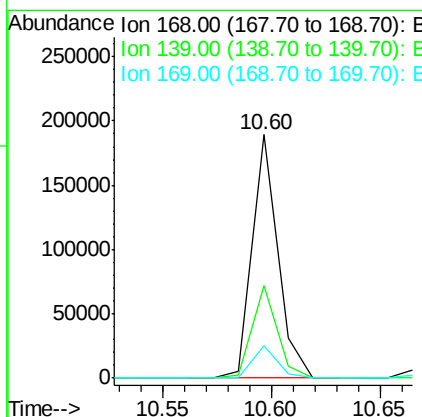
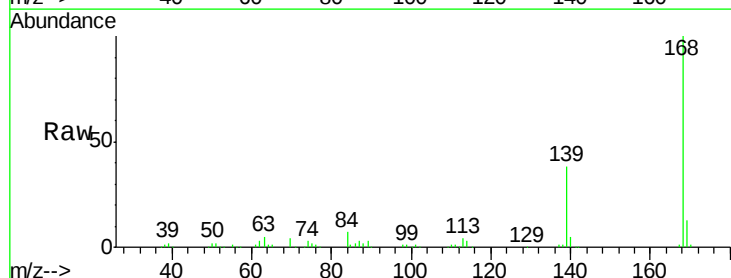
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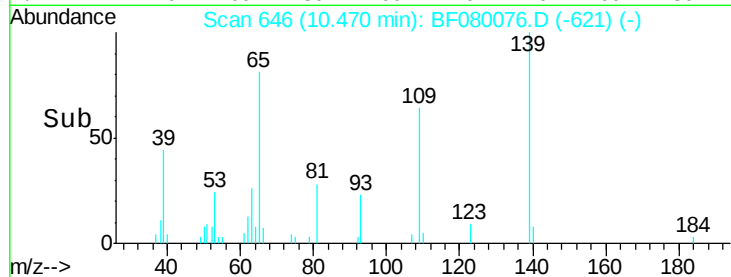
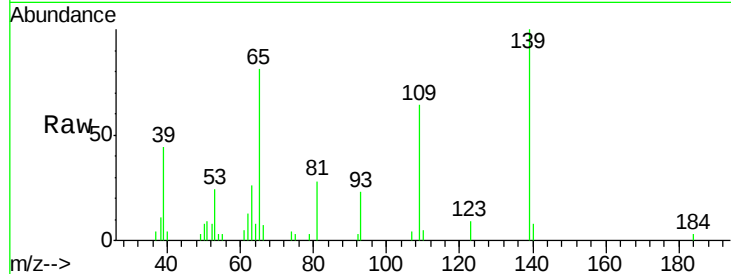
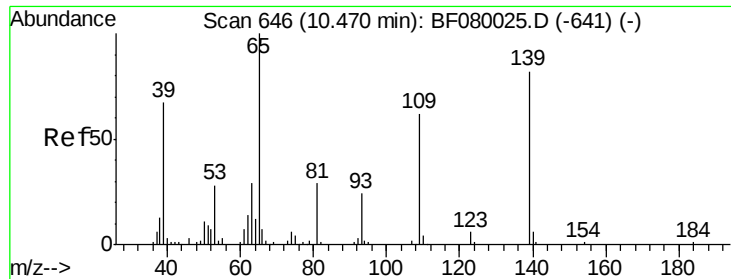
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#54
Dibenzofuran
Concen: 15.67 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	154998		
139	37.8	24.2	36.2#	
169	13.3	10.6	15.8	





#55

4-Nitrophenol

Concen: 12.56 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080076.D

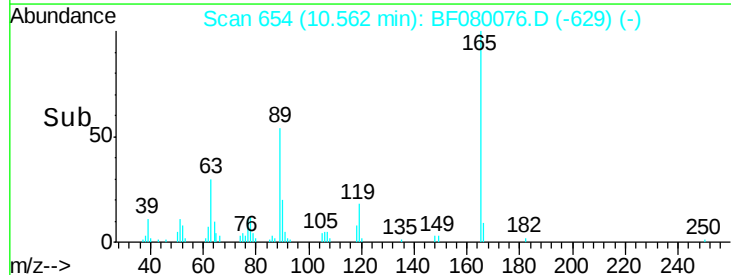
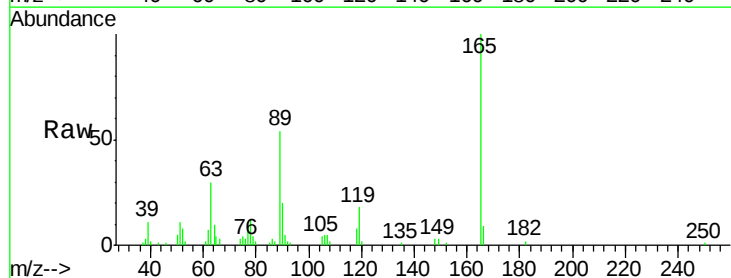
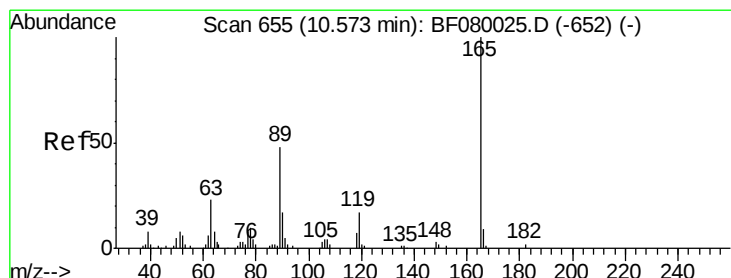
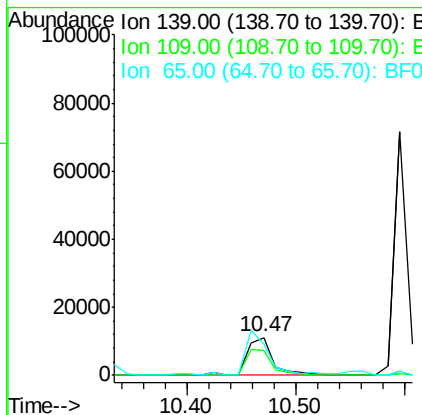
Acq: 20 Jun 2015 2:38

Tgt Ion:	139	Resp:	18052
Ion Ratio	Lower	Upper	
139	100		
109	64.5	12.7	52.7#
65	81.4	45.9	85.9

Instrument :
BNA_F
ClientSampleId :
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#56

2,4-Dinitrotoluene

Concen: 14.57 ng

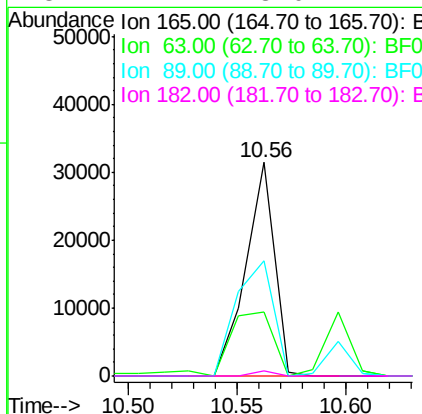
RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Tgt Ion:	165	Resp:	28821
Ion Ratio	Lower	Upper	
165	100		
63	30.2	29.8	44.6
89	54.2	44.5	66.7
182	2.4	3.0	4.4#





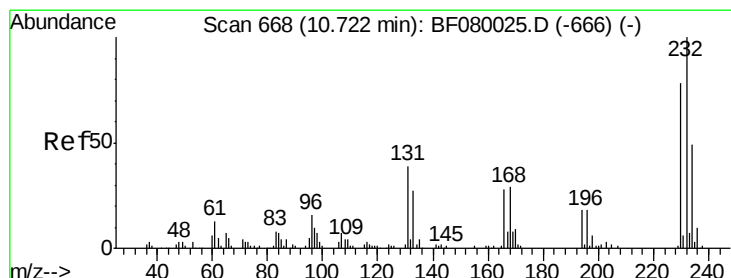
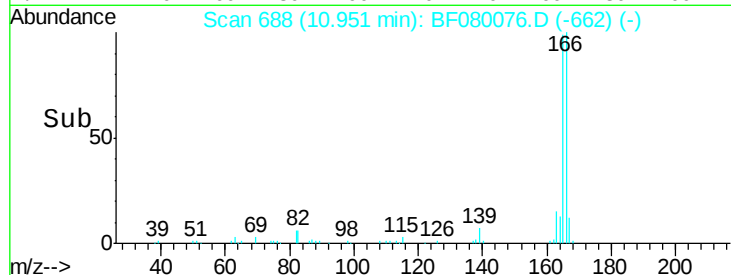
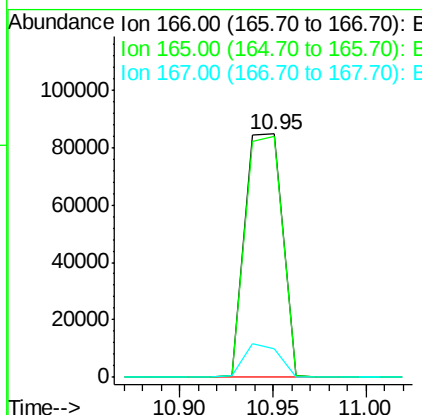
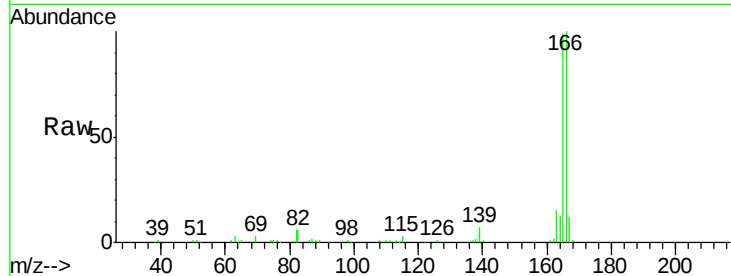
#57
Fluorene
 Concen: 14.87 ng
 RT: 10.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	116699		
165	98.8	72.6	109.0	
167	11.9	10.6	16.0	

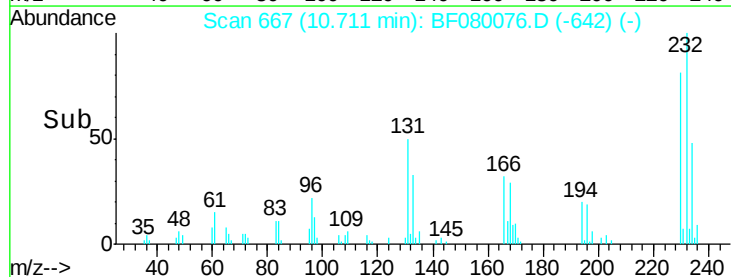
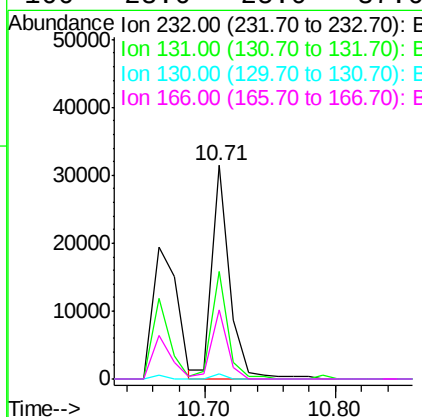
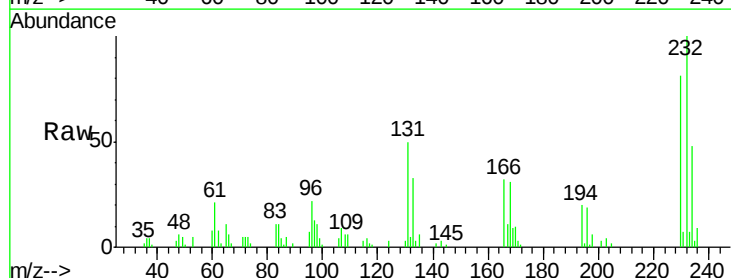
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 15.19 ng
 RT: 10.71 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	30247		
131	45.5	38.5	57.7	
130	1.8	1.8	2.6	
166	28.6	25.0	37.6	





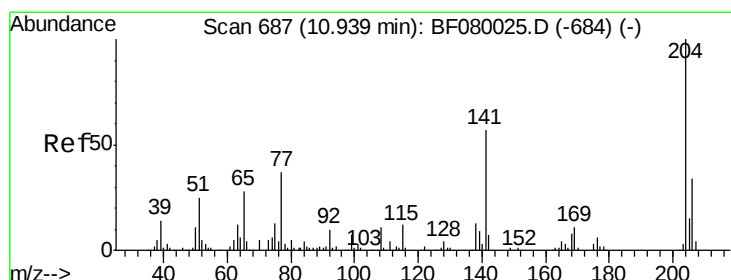
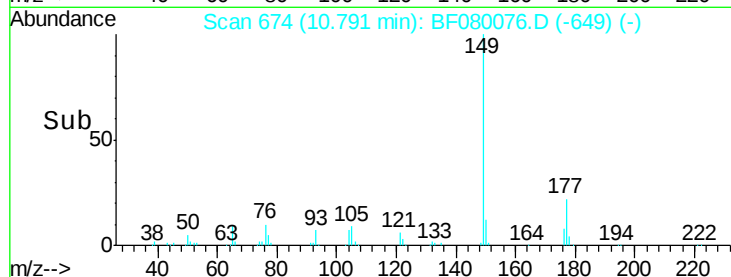
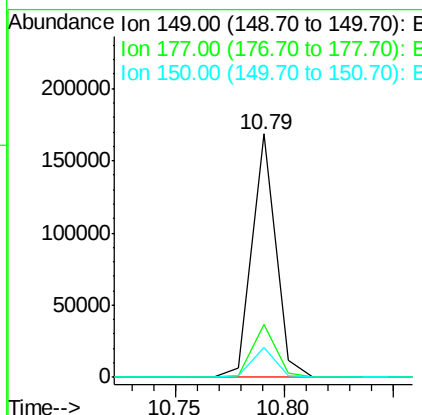
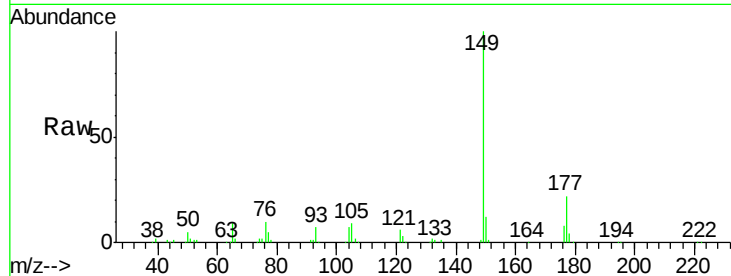
#59
Diethylphthalate
Concen: 16.41 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.6	17.5	26.3
150	12.4	9.4	14.2

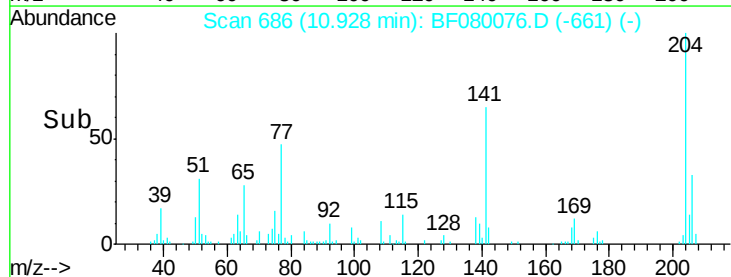
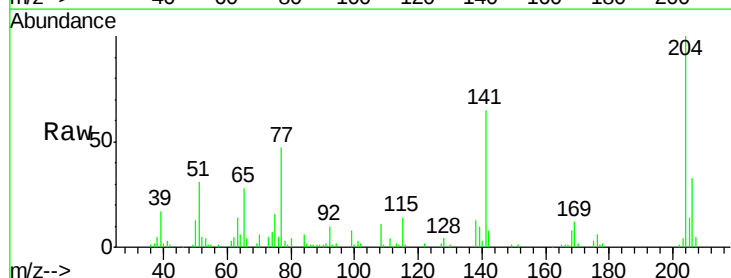
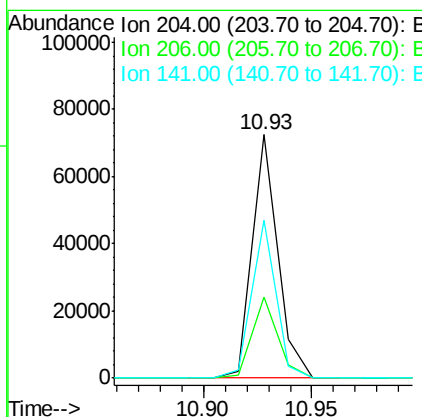
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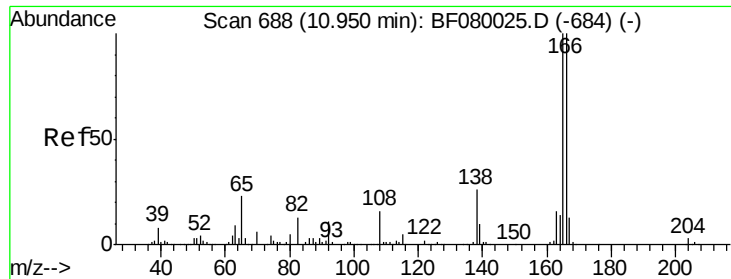
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#60
4-Chlorophenyl-phenylether
Concen: 15.61 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.2	24.8	37.2
141	64.8	42.2	63.4#





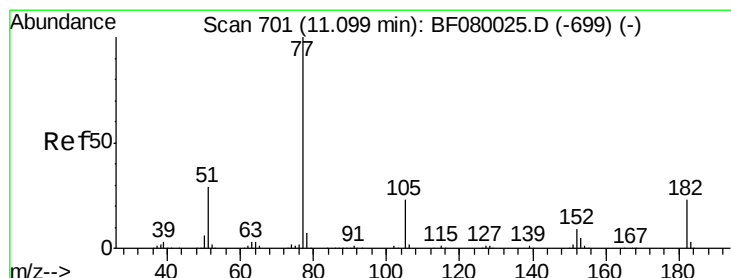
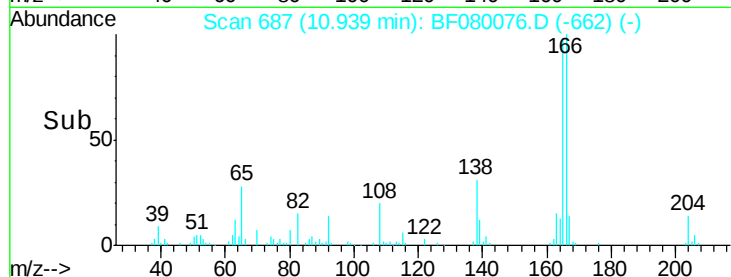
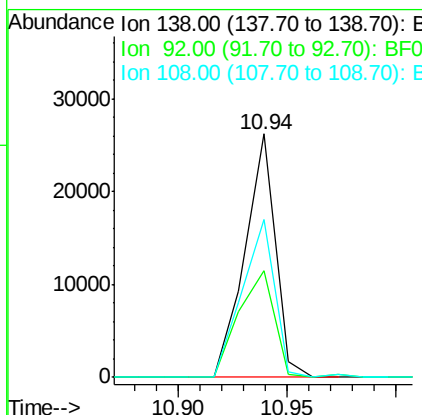
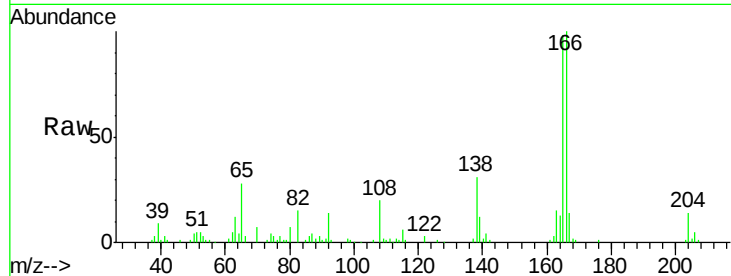
#61
4-Nitroaniline
Concen: 13.71 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	25462		
92	43.6	12.6	52.6	
108	64.9	12.4	52.4#	

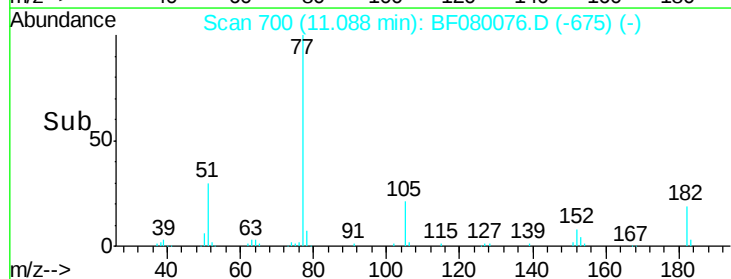
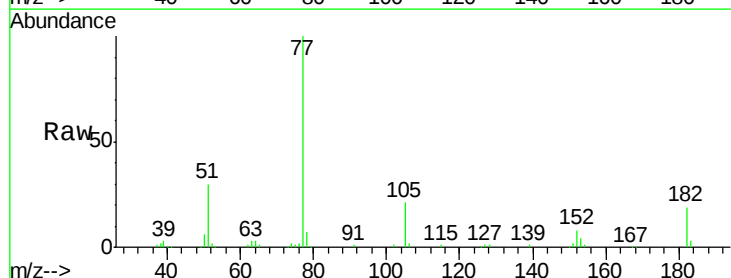
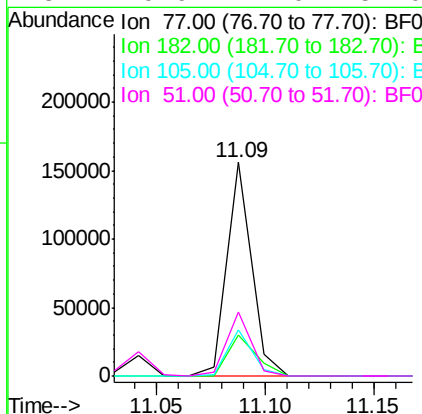
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#62
Azobenzene
Concen: 15.42 ng
RT: 11.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	122872		
182	19.3	15.1	55.1	
105	21.3	3.4	43.4	
51	29.9	12.0	52.0	





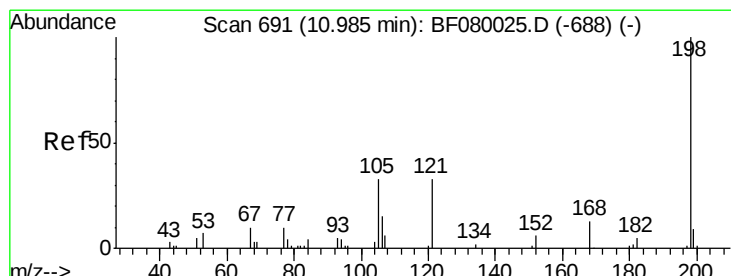
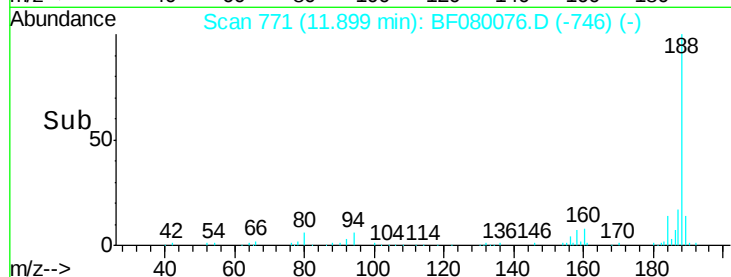
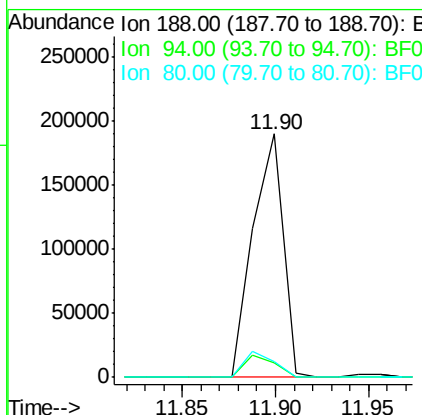
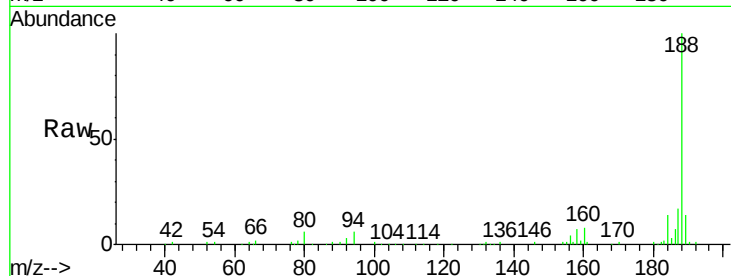
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	11.1	16.7#
80	6.3	11.0	16.4#

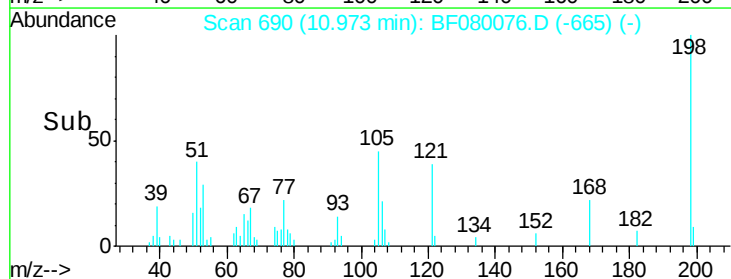
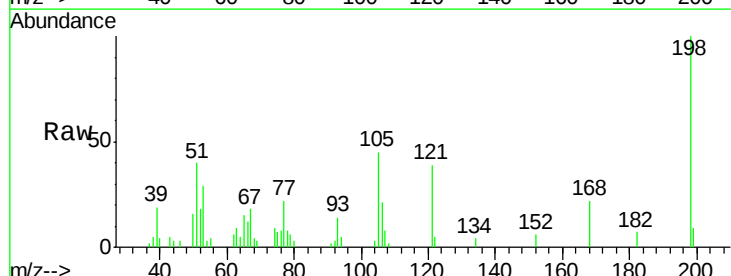
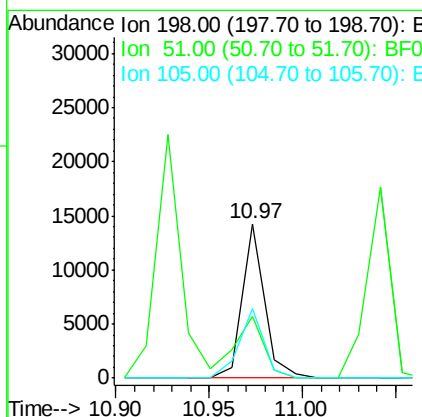
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#64
4,6-Dinitro-2-methylphenol
Concen: 16.38 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	39.9	39.6	79.6
105	44.7	28.5	68.5





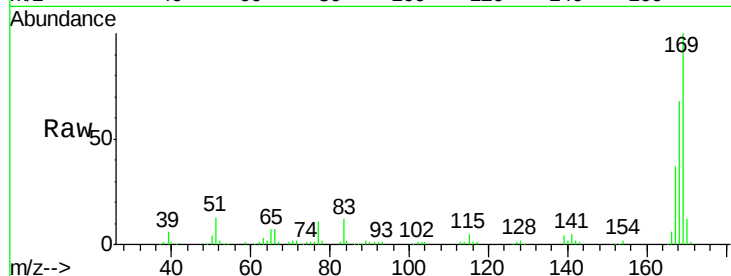
#65
 n-Nitrosodiphenylamine
 Concen: 15.51 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

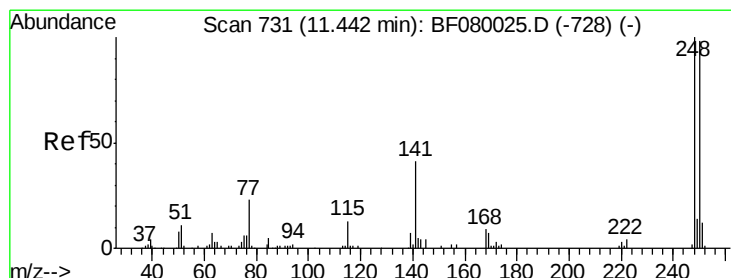
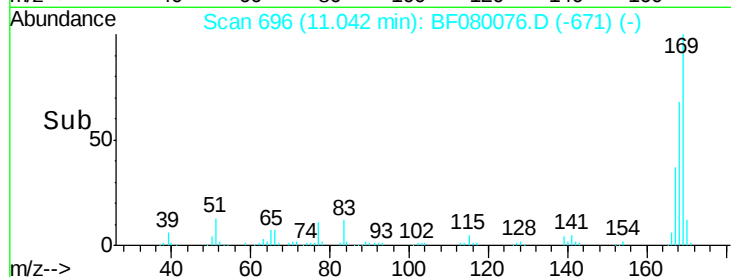
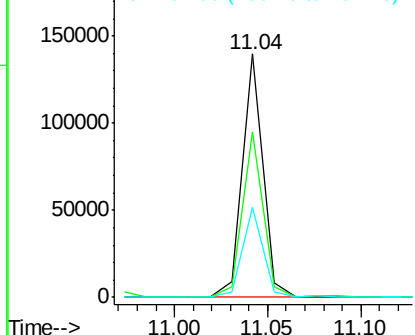
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	107720		
168	67.8	48.9	73.3	
167	37.0	26.2	39.4	

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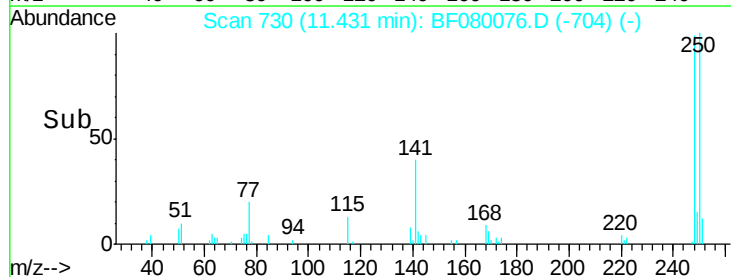
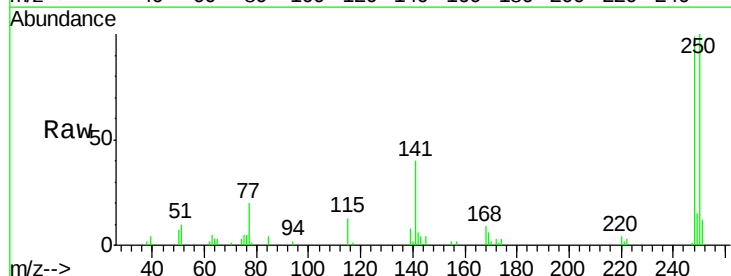
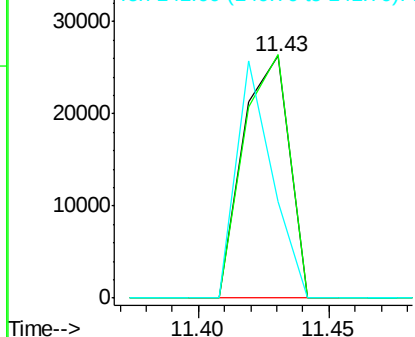
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

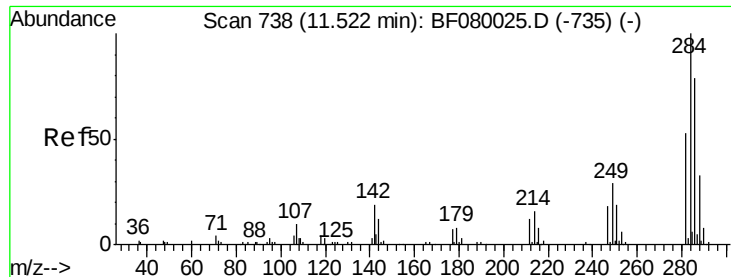


#66
 4-Bromophenyl-phenylether
 Concen: 14.38 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	32600		
250	100.6	78.5	117.7	
141	39.7	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





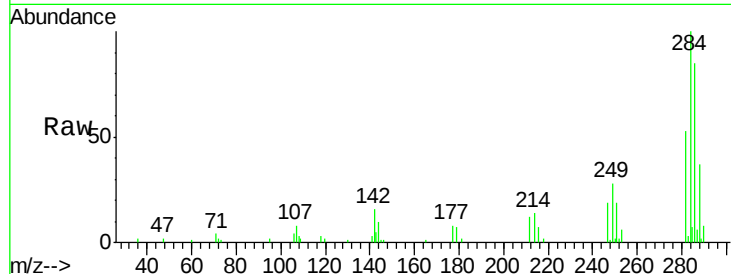
#67
Hexachlorobenzene
Concen: 13.88 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

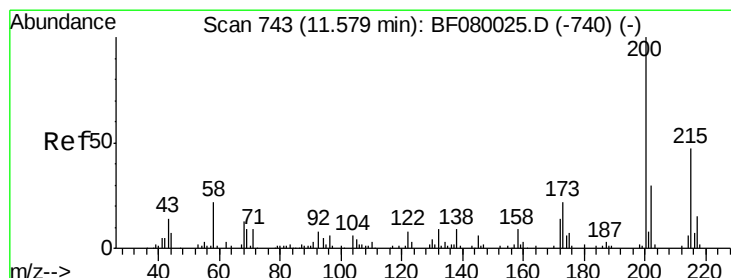
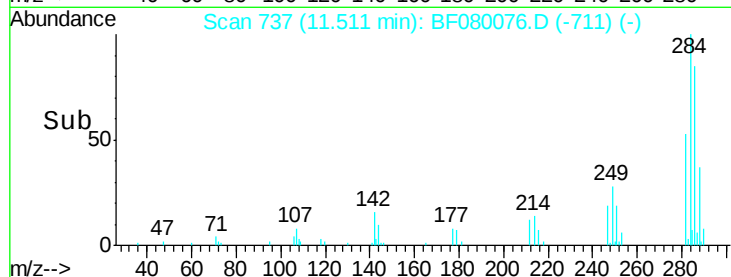
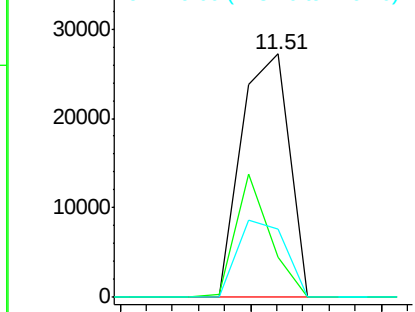
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	16.4	29.5	44.3#
249	27.9	19.5	29.3

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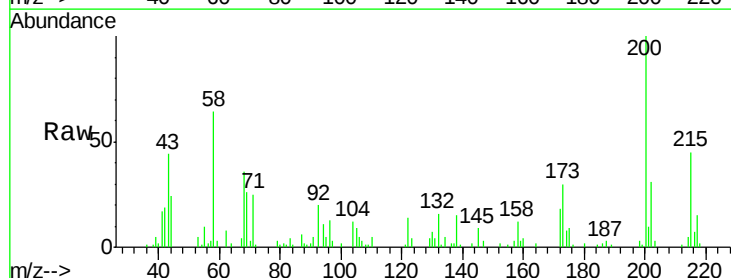


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

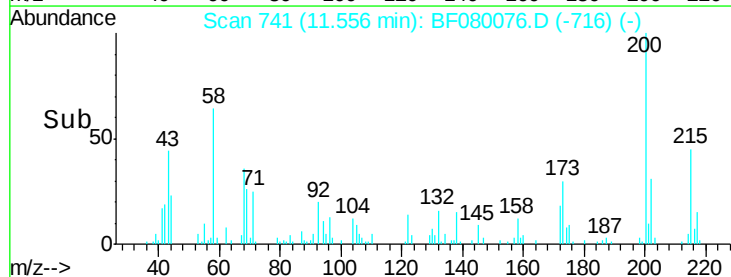
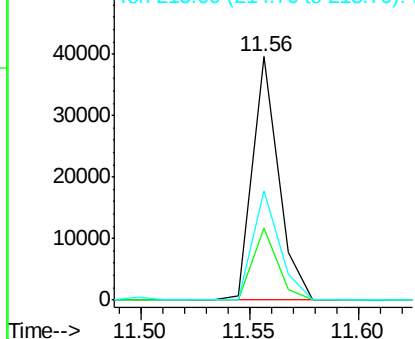


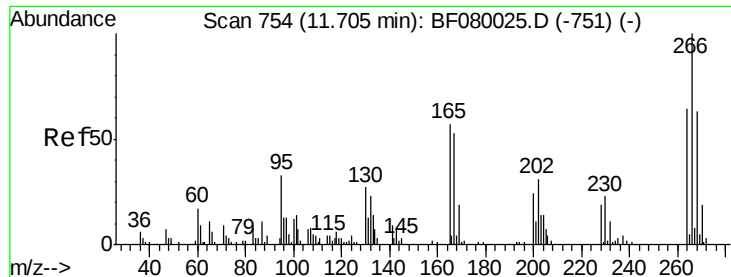
#68
Atrazine
Concen: 15.00 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	13.2	53.2
215	45.1	41.8	81.8



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





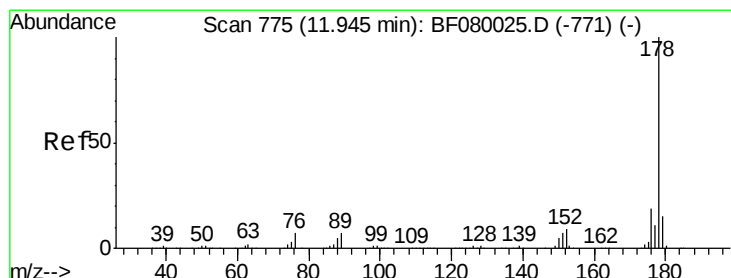
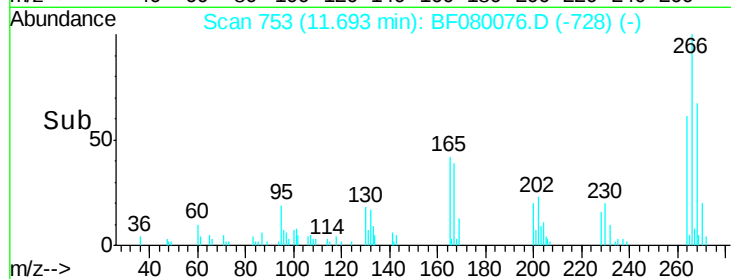
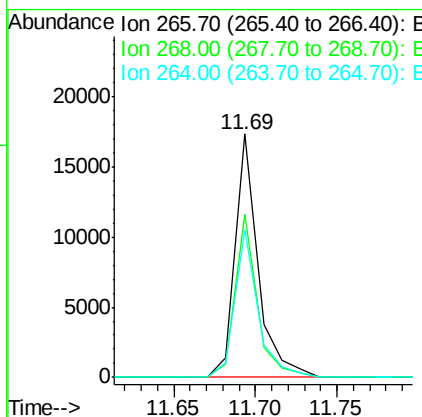
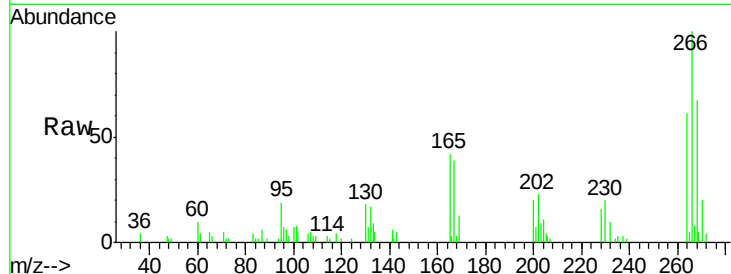
#69
 Pentachlorophenol
 Concen: 11.67 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	16671		
268	67.0	49.8	74.6	
264	60.6	50.2	75.2	

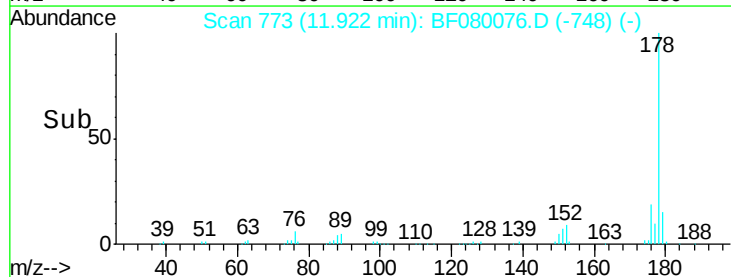
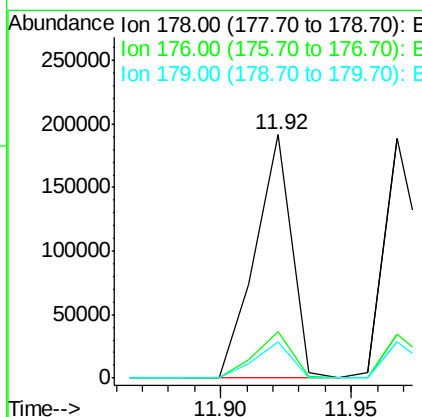
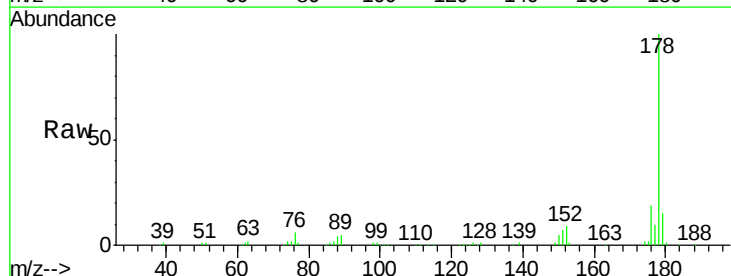
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#70
 Phenanthrene
 Concen: 14.36 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	185448		
176	19.2	13.8	20.8	
179	14.6	12.2	18.2	





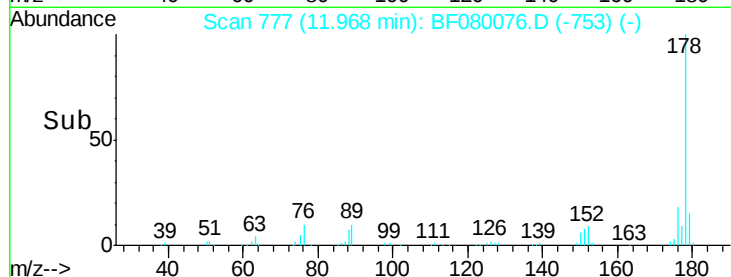
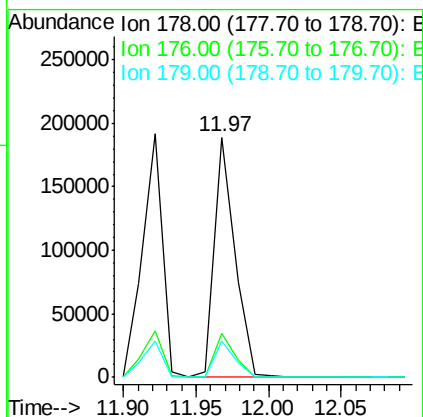
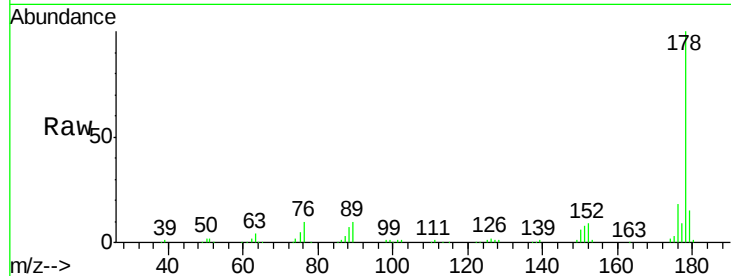
#71
 Anthracene
 Concen: 15.03 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.1	21.1
179	15.0	12.2	18.2

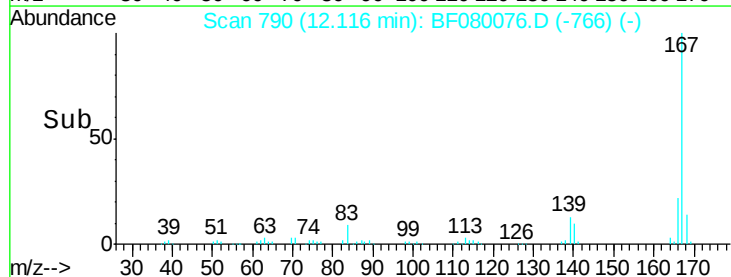
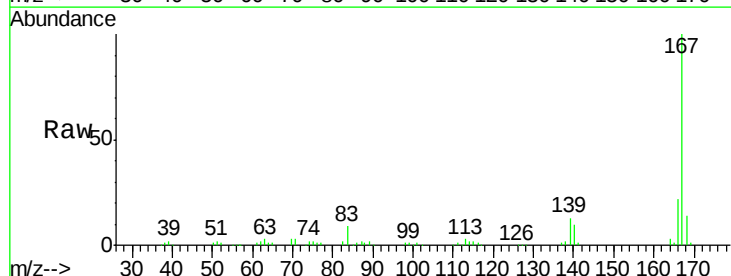
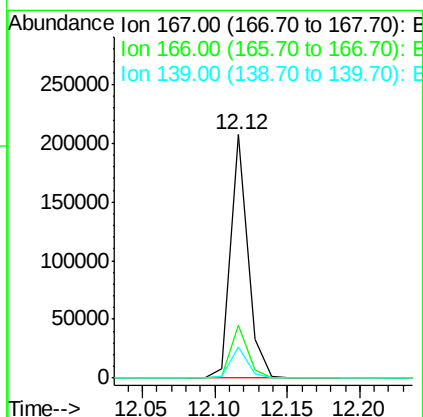
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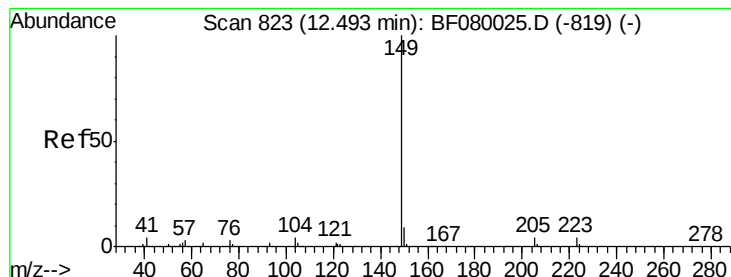
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#72
 Carbazole
 Concen: 14.45 ng
 RT: 12.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	12.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 13.76 ng

RT: 12.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF080076.D

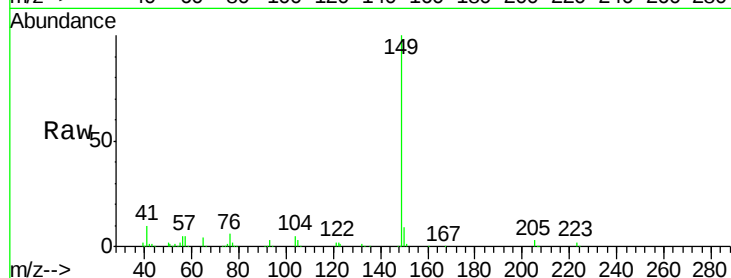
Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02



Tgt Ion:149 Resp: 188758

Ion Ratio Lower Upper

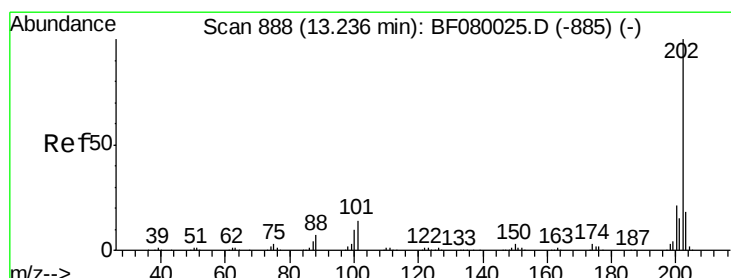
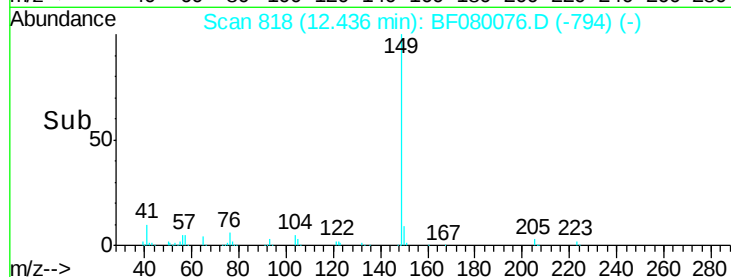
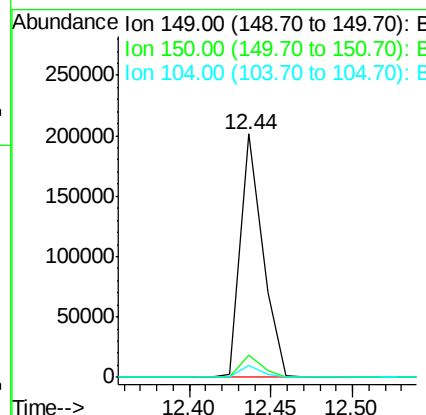
149 100

150 9.0 7.4 11.2

104 5.1 2.4 3.6#

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#74

Fluoranthene

Concen: 13.93 ng

RT: 13.15 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

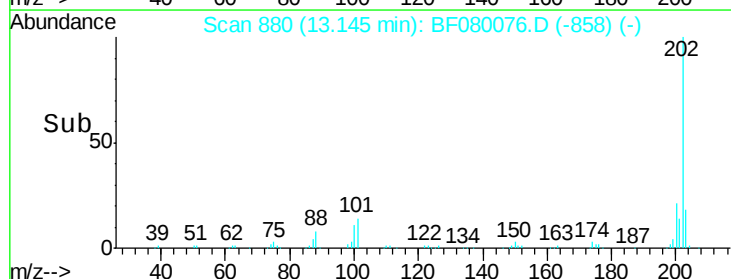
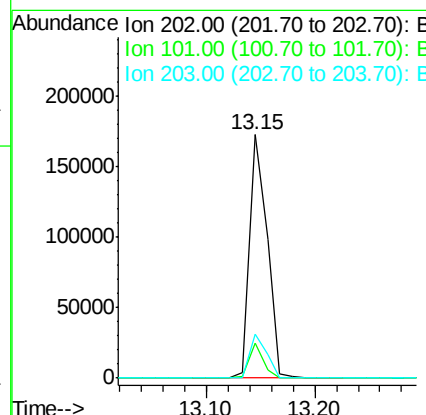
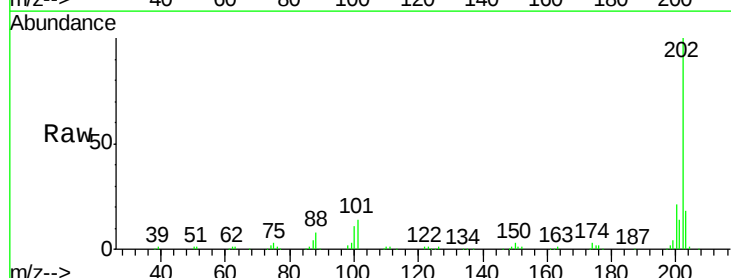
Tgt Ion:202 Resp: 191594

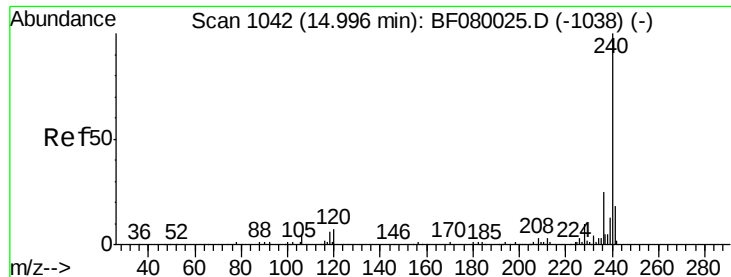
Ion Ratio Lower Upper

202 100

101 14.4 0.0 38.3

203 17.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1021

Delta R.T. -0.10 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

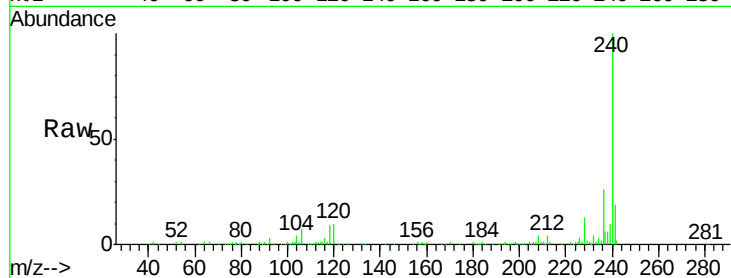
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245133		
120	10.2	16.2	24.2#	
236	25.6	18.4	27.6	

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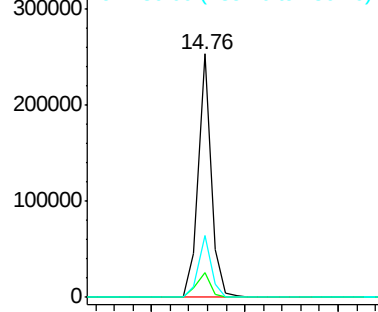
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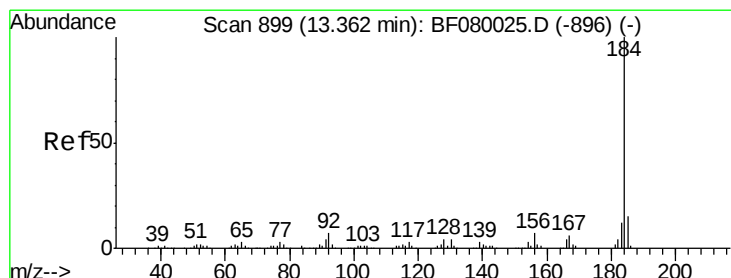
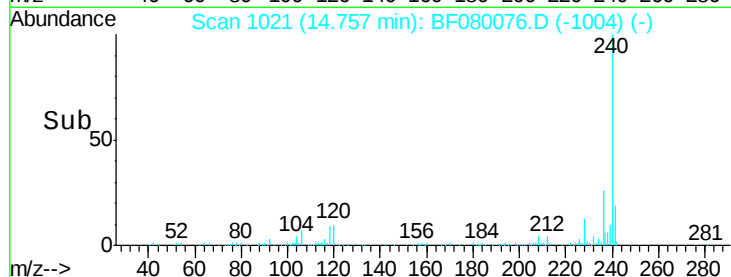
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 7.73 ng

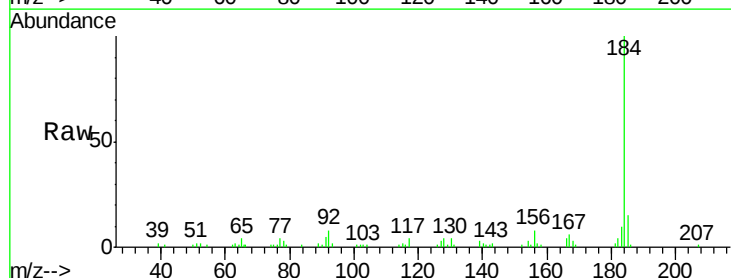
RT: 13.26 min Scan# 890

Delta R.T. -0.05 min

Lab File: BF080076.D

Acq: 20 Jun 2015 2:38

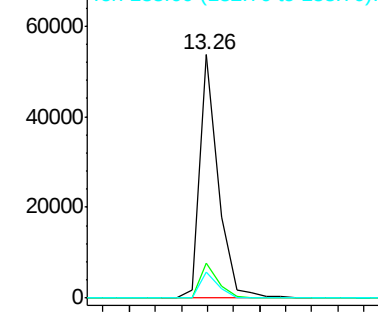
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	52970		
185	14.6	11.8	17.6	
183	10.5	7.6	11.4	



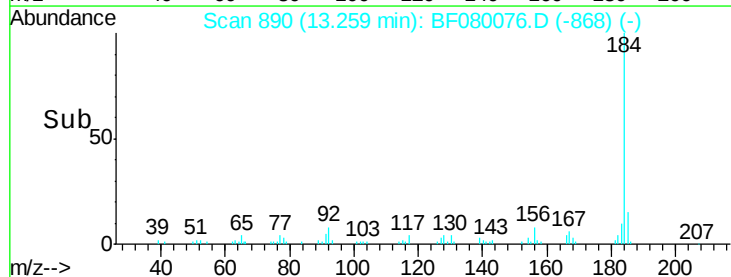
Abundance Ion 184.00 (183.70 to 184.70): E

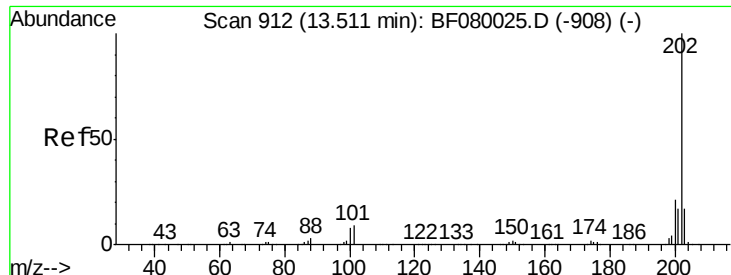
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





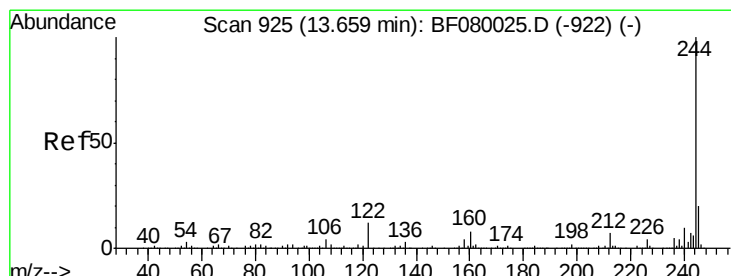
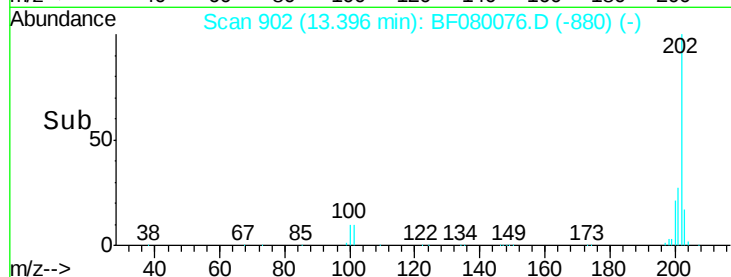
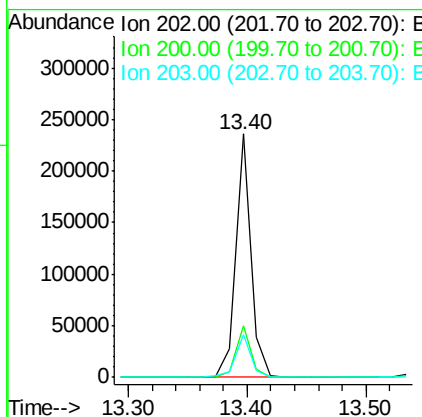
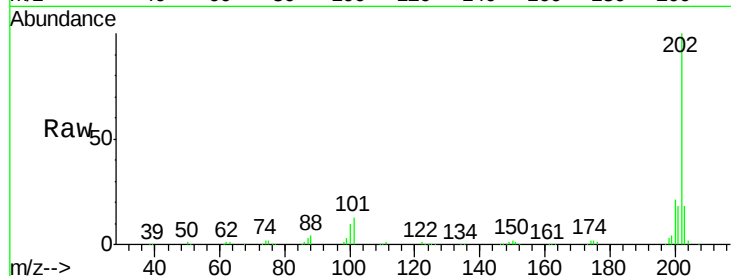
#77
 Pyrene
 Concen: 13.98 ng
 RT: 13.40 min Scan# 902
 Delta R.T. -0.05 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	15.0	22.4
203	17.6	14.1	21.1

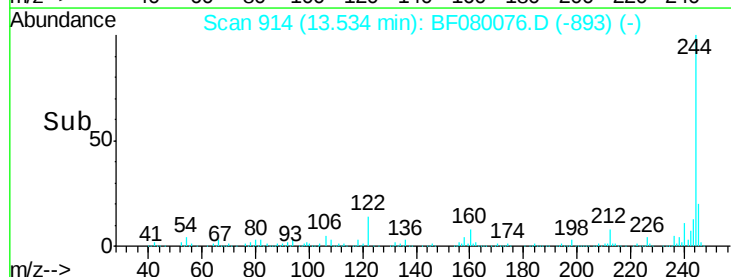
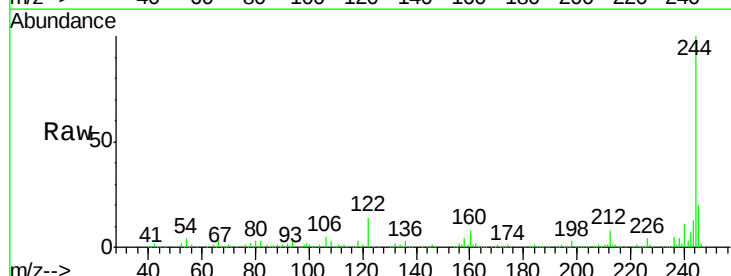
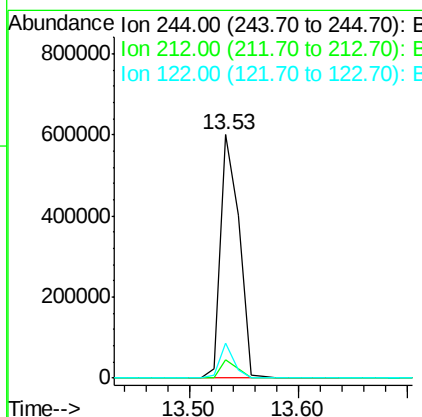
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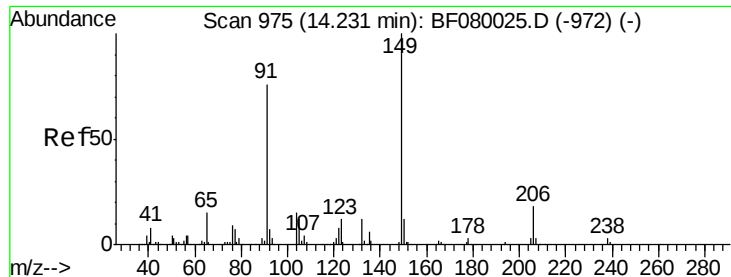
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#78
 Terphenyl-d14
 Concen: 68.05 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.06 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	14.5	17.4	26.2#





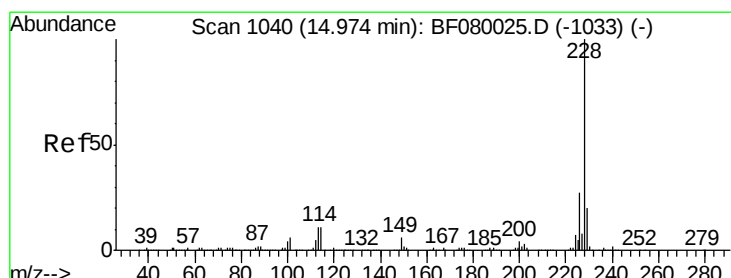
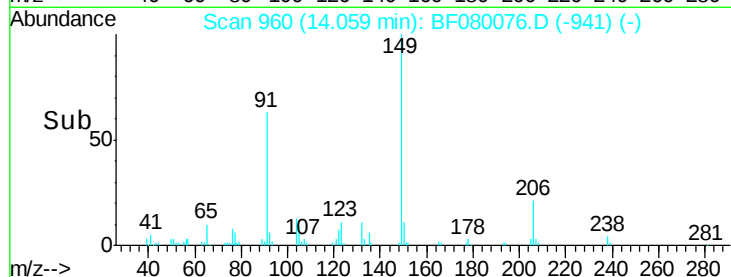
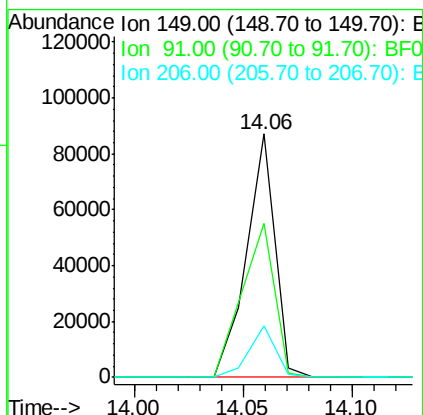
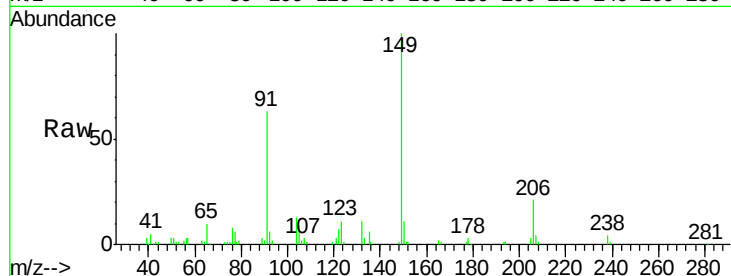
#79
Butylbenzylphthalate
Concen: 13.07 ng
RT: 14.06 min Scan# 960
Delta R.T. -0.08 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.0	48.6	72.8
206	21.3	14.9	22.3

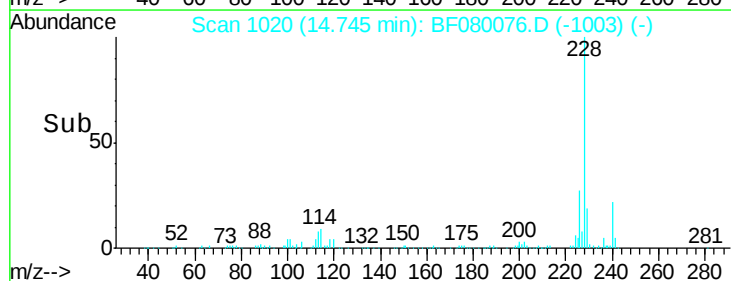
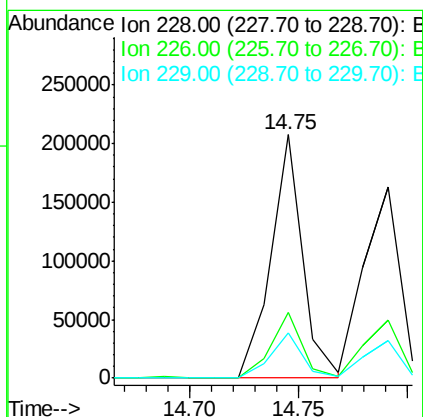
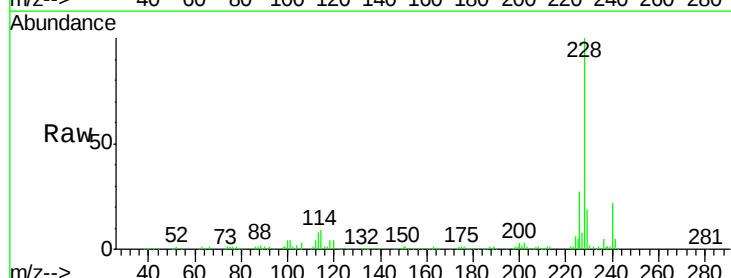
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#80
Benzo(a)anthracene
Concen: 14.18 ng
RT: 14.75 min Scan# 1020
Delta R.T. -0.10 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	20.0	30.0
229	18.7	15.4	23.2





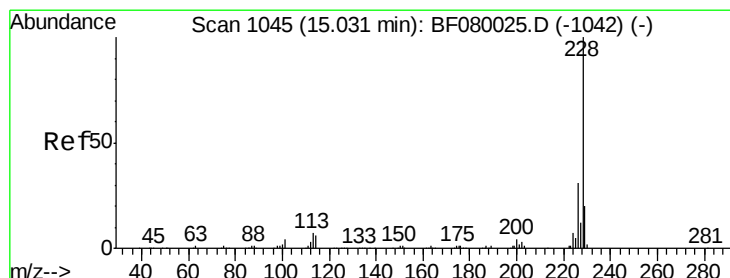
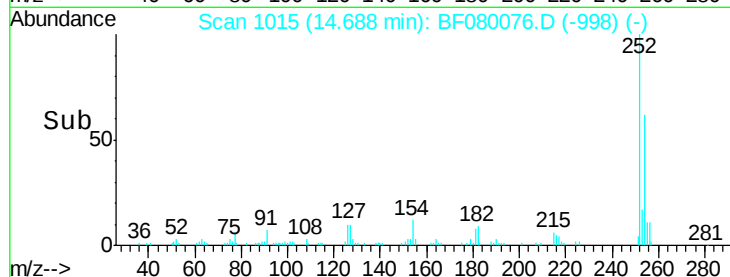
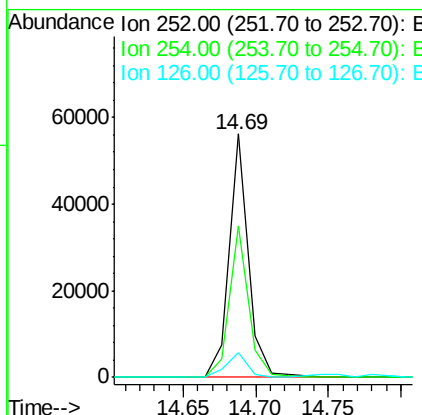
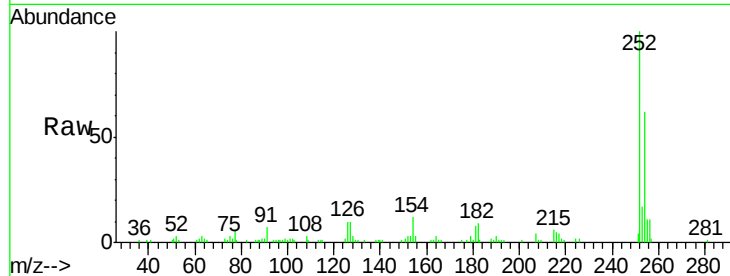
#81
 3,3'-Dichlorobenzidine
 Concen: 10.01 ng
 RT: 14.69 min Scan# 1015
 Delta R.T. -0.10 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.4	51.4	77.2
126	10.4	16.4	24.6

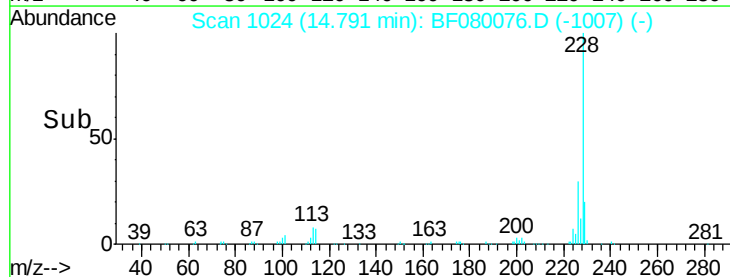
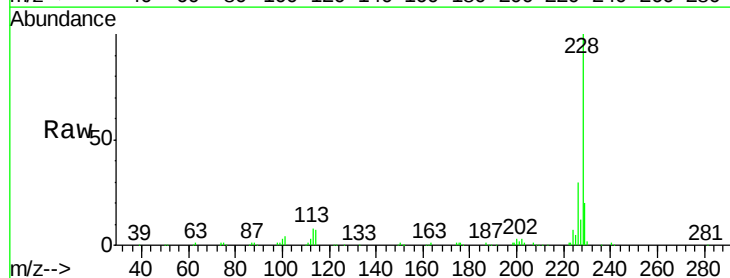
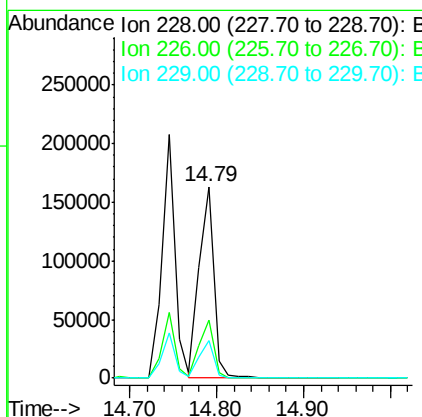
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#82
 Chrysene
 Concen: 13.91 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. -0.10 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	21.0	31.4
229	19.9	15.6	23.4





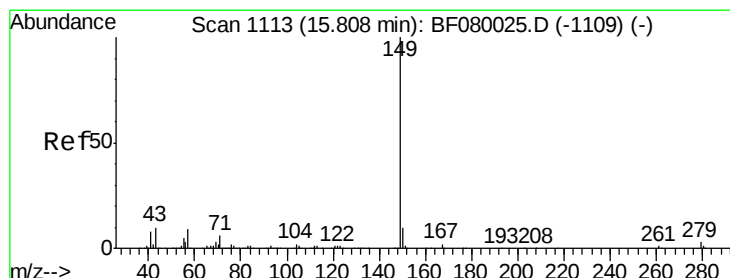
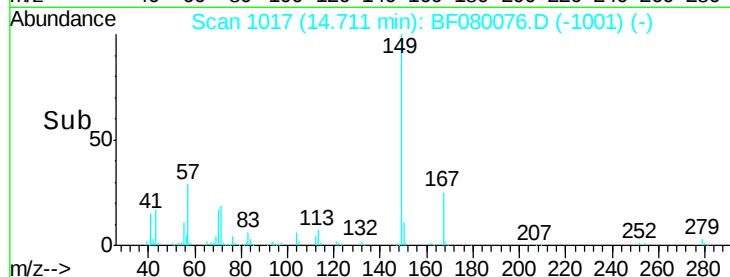
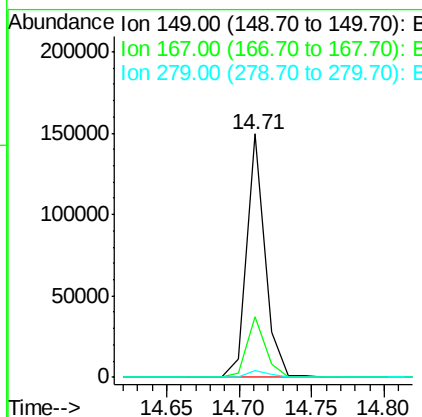
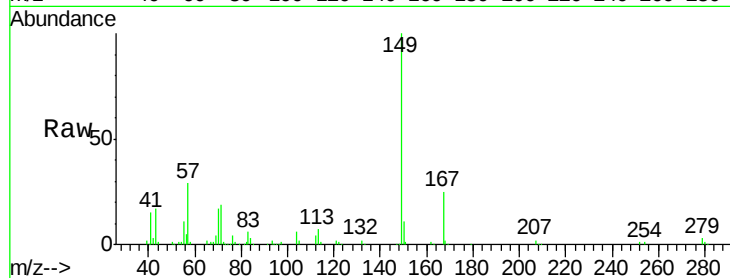
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.66 ng
 RT: 14.71 min Scan# 1017
 Delta R.T. -0.11 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.0	24.2	36.2
279	2.7	3.8	5.6#

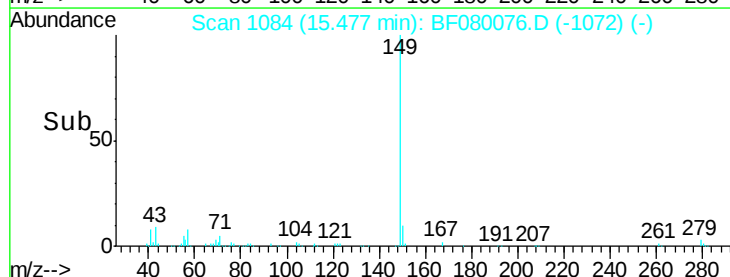
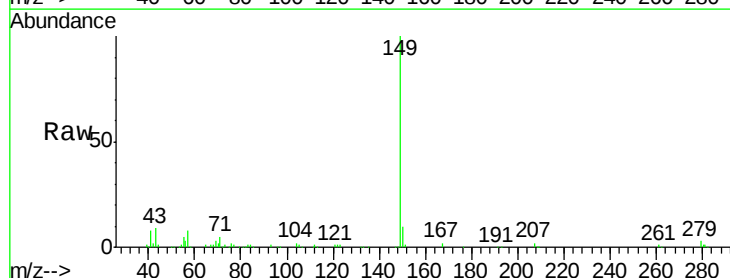
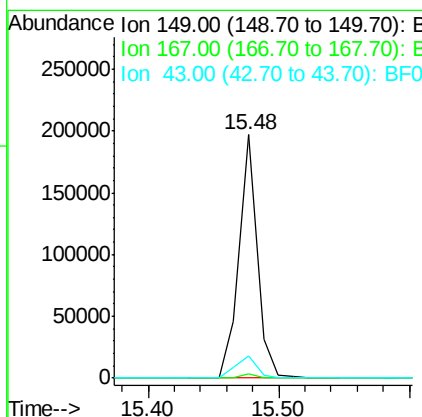
Manual Integrations
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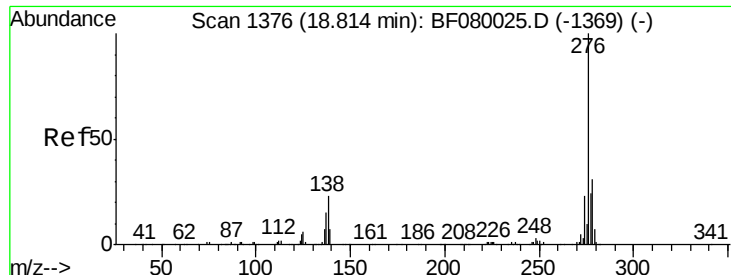
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#84
 Di-n-octyl phthalate
 Concen: 11.65 ng
 RT: 15.48 min Scan# 1084
 Delta R.T. -0.16 min
 Lab File: BF080076.D
 Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.0	1.6
43	11.0	10.2	15.2





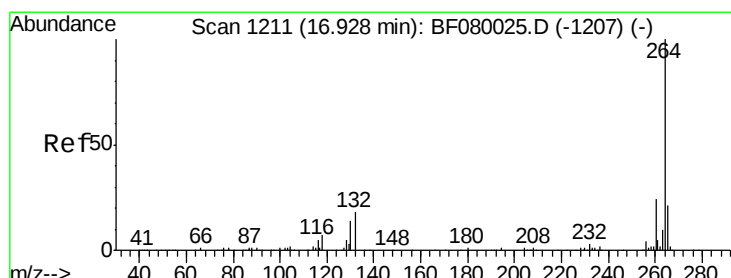
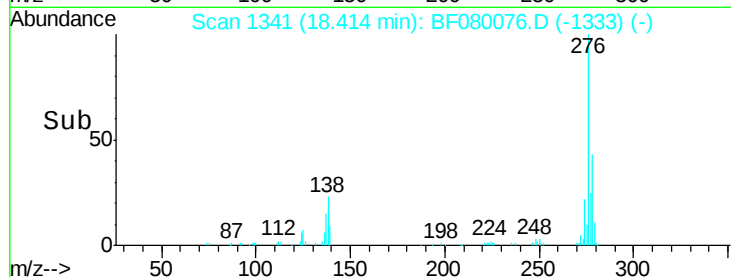
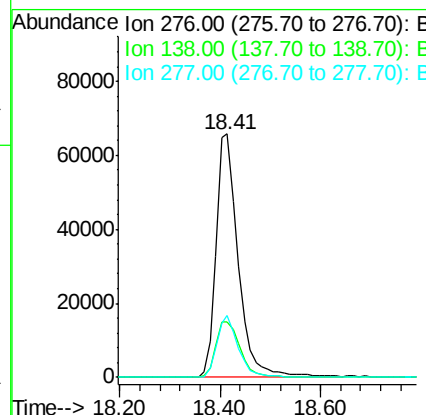
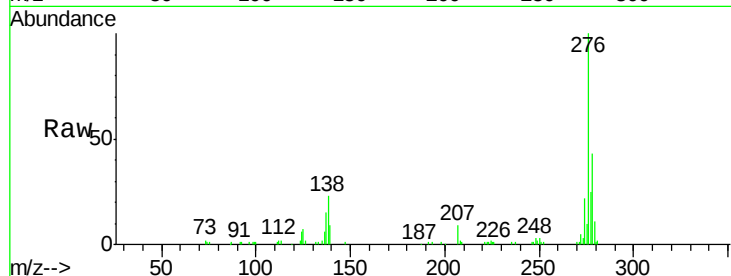
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.60 ng
RT: 18.41 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.7	38.5#
277	24.1	15.6	23.4#

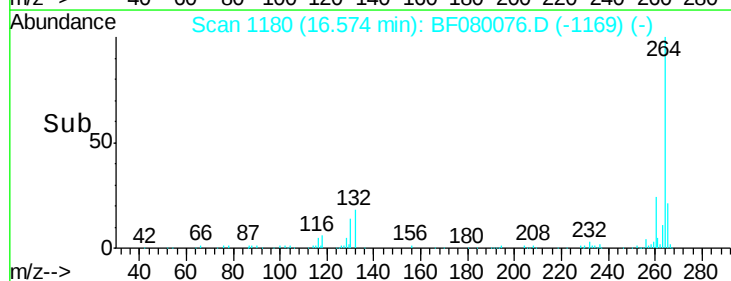
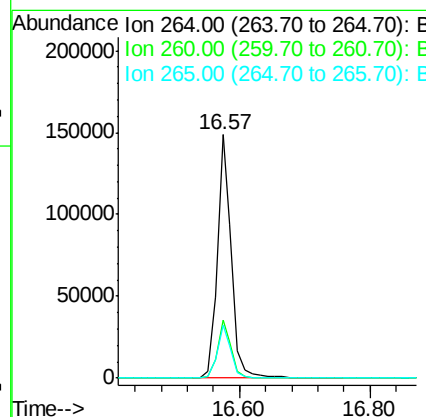
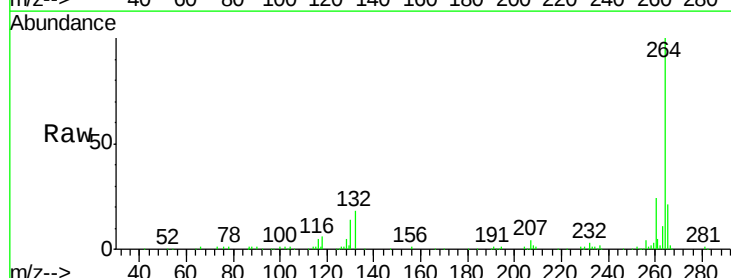
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.17 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.5	17.2	25.8





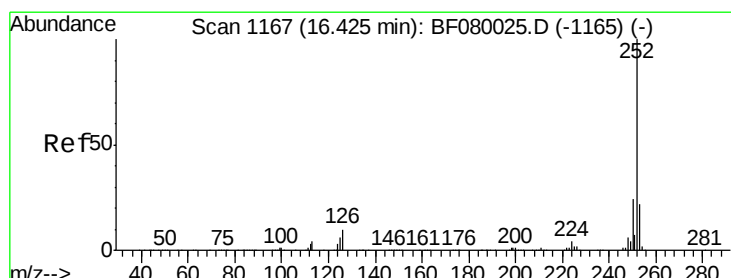
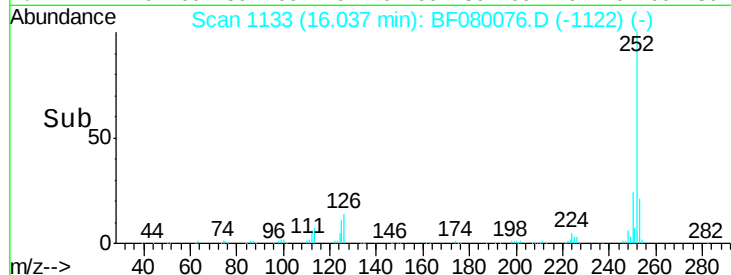
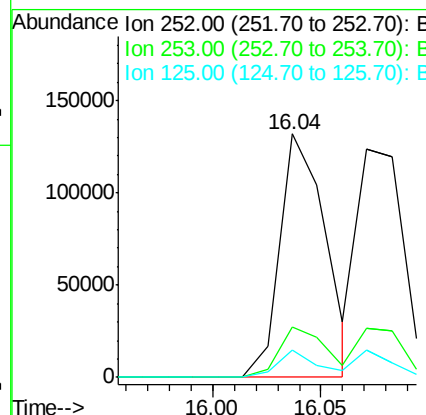
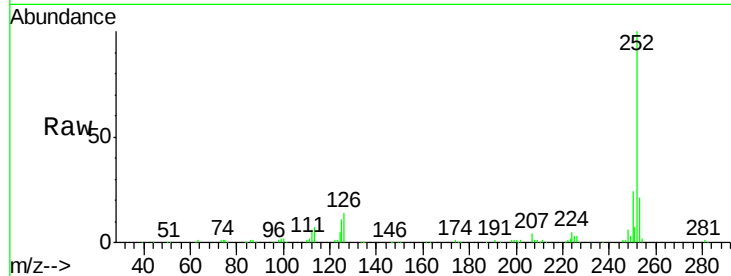
#87
Benzo(b)fluoranthene
Concen: 14.37 ng
RT: 16.04 min Scan# 1133
Delta R.T. -0.17 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.7	17.5	26.3
125	11.3	17.1	25.7#

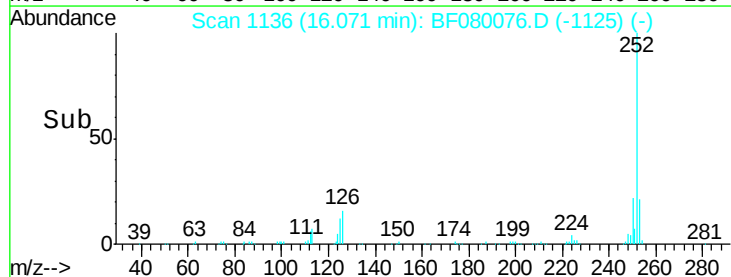
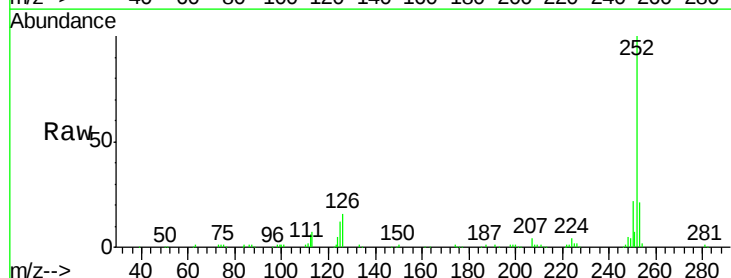
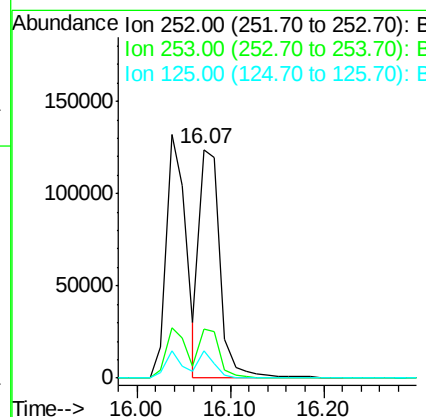
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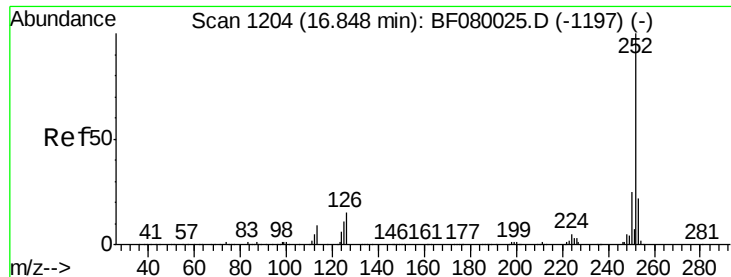
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#88
Benzo(k)fluoranthene
Concen: 13.87 ng
RT: 16.07 min Scan# 1136
Delta R.T. -0.17 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	17.0	25.4
125	11.9	16.0	24.0#





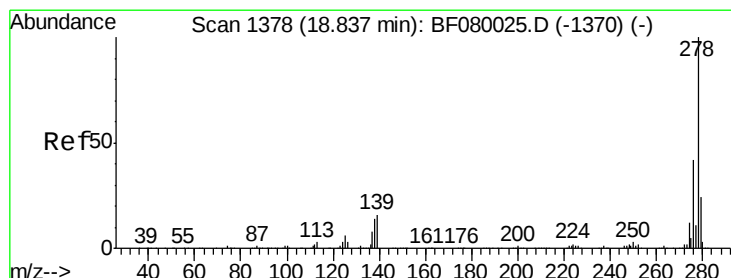
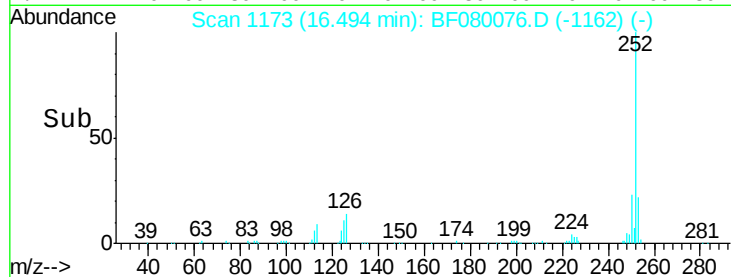
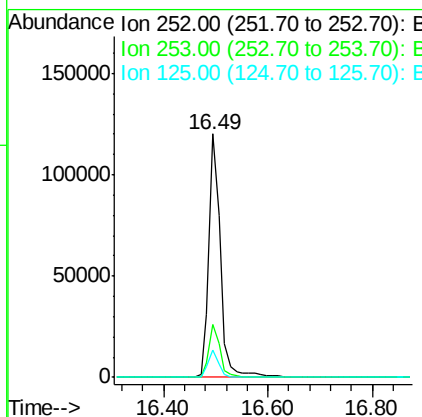
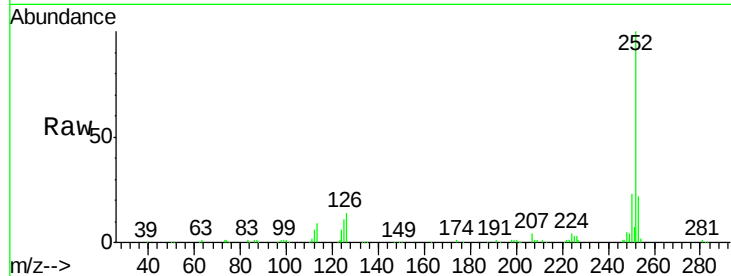
#89
Benzo(a)pyrene
Concen: 14.39 ng
RT: 16.49 min Scan# 1173
Delta R.T. -0.17 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	17.2	25.8
125	11.3	18.0	27.0

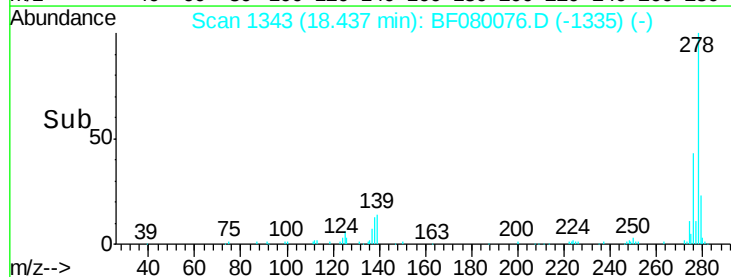
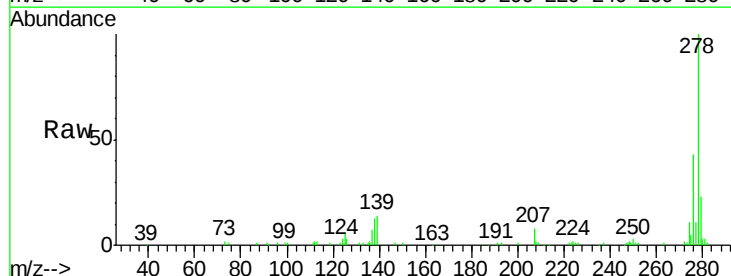
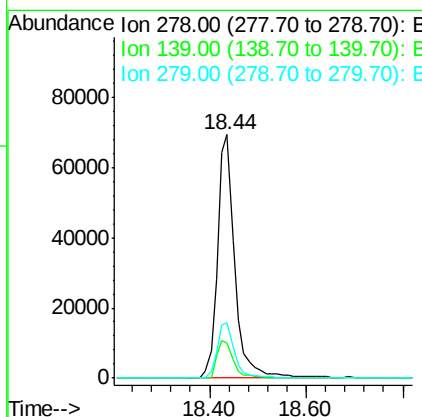
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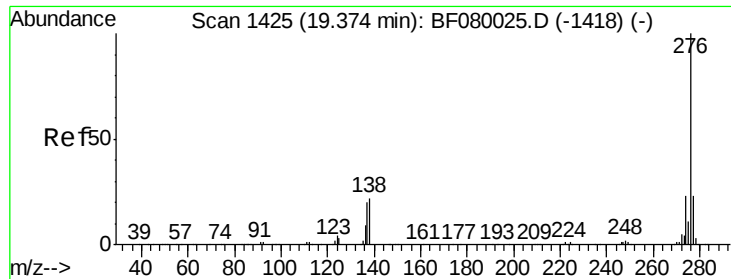
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#90
Dibenzo(a,h)anthracene
Concen: 13.19 ng
RT: 18.44 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF080076.D
Acq: 20 Jun 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.2	26.3	39.5
279	22.8	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 12.84 ng

RT: 18.96 min Scan# 1389

Delta R.T. -0.22 min

Lab File: BF080076.D

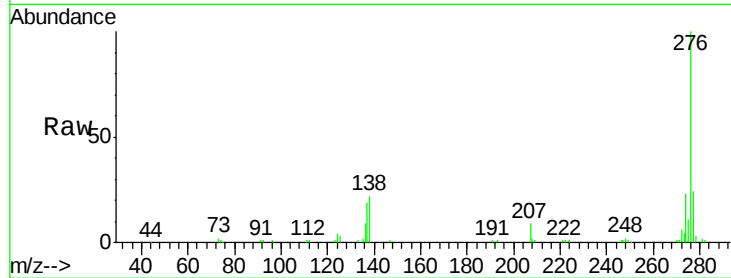
Acq: 20 Jun 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02



Tgt Ion:	276	Resp:	170694
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.8	26.6
138	21.7	34.6	51.8#

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