

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081942.D
 Acq On : 1 Oct 2015 16:39
 Operator : UM/IZ
 Sample : G3707-04
 Misc : LOQ 20 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:02:00 AM

Quant Time: Oct 02 02:29:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113773	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	457110	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	216165	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	451222	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	430727	20.00	ng	-0.06
86) Perylene-d12	15.51	264	354943	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	605043	96.54	ng	-0.02
7) Phenol-d6	6.53	99	816788	103.57	ng	-0.03
23) Nitrobenzene-d5	7.46	82	493804	72.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	232473	106.19	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	993403	75.19	ng	-0.05
78) Terphenyl-d14	13.01	244	1063850	77.97	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	33399	12.25	ng	92
3) Pyridine	3.34	79	78082	11.00	ng	87
4) n-Nitrosodimethylamine	3.28	42	28813	8.94	ng	# 93
6) Aniline	6.56	93	82123	7.75	ng	# 90
8) 2-Chlorophenol	6.67	128	99523	14.38	ng	85
9) Benzaldehyde	6.45	77	74682	14.46	ng	# 85
10) Phenol	6.54	94	127240	14.38	ng	81
11) bis(2-Chloroethyl)ether	6.63	93	102161	14.89	ng	98
12) 1,3-Dichlorobenzene	6.83	146	115600	14.14	ng	# 95
13) 1,4-Dichlorobenzene	6.91	146	121726	14.26	ng	# 95
14) 1,2-Dichlorobenzene	7.06	146	117460m	15.44	ng	
15) Benzyl Alcohol	7.04	79	68816	12.09	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	149467	15.41	ng	77
17) 2-Methylphenol	7.14	107	73857	13.16	ng	# 86
18) Hexachloroethane	7.41	117	39811	14.90	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	67136	14.01	ng	# 78
20) 3+4-Methylphenols	7.30	107	93348	13.17	ng	# 55
22) Acetophenone	7.30	105	134781	14.42	ng	# 76
24) Nitrobenzene	7.49	77	95506	12.83	ng	# 78
25) Isophorone	7.71	82	189052	13.91	ng	# 89
26) 2-Nitrophenol	7.79	139	49613	13.88	ng	# 53
27) 2,4-Dimethylphenol	7.83	122	80946	12.87	ng	# 79
28) bis(2-Chloroethoxy)methane	7.93	93	123162	15.26	ng	# 92
29) 2,4-Dichlorophenol	8.03	162	90564	14.85	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	95437	14.02	ng	99
31) Naphthalene	8.21	128	308395	15.23	ng	99
32) Benzoic acid	7.91	122	22256	12.36	ng	87
33) 4-Chloroaniline	8.26	127	62197	7.10	ng	# 95
34) Hexachlorobutadiene	8.32	225	61182	15.20	ng	100
35) Caprolactam	8.59	113	23010	13.63	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	84836	14.23	ng	91
37) 2-Methylnaphthalene	8.89	142	207042	14.97	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	95762	14.43	ng	# 97
40) Hexachlorocyclopentadiene	9.04	237	48989	14.33	ng	98

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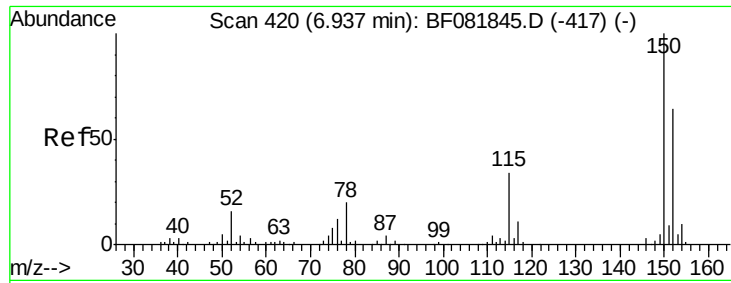
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	55961	12.30	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	76148	16.28	ng #	95
45) 1,1'-Biphenyl	9.36	154	257654	15.45	ng	95
46) 2-Chloronaphthalene	9.38	162	210298	16.06	ng	98
47) 2-Nitroaniline	9.49	65	51812	13.48	ng	88
48) Acenaphthylene	9.79	152	322108	15.37	ng	97
49) Dimethylphthalate	9.66	163	236334	15.84	ng #	97
50) 2,6-Dinitrotoluene	9.71	165	46392	14.32	ng #	44
51) Acenaphthene	9.97	154	195323	15.69	ng	88
52) 3-Nitroaniline	9.90	138	39733	10.60	ng #	80
53) 2,4-Dinitrophenol	10.00	184	9763	13.15	ng #	23
54) Dibenzofuran	10.14	168	282253	16.05	ng #	89
55) 4-Nitrophenol	10.06	139	27328	10.09	ng #	60
56) 2,4-Dinitrotoluene	10.13	165	64695	15.67	ng #	97
57) Fluorene	10.48	166	230124	16.96	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	59818	16.12	ng	93
59) Diethylphthalate	10.35	149	238240	17.09	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	105621	16.40	ng	94
61) 4-Nitroaniline	10.51	138	51424	13.68	ng #	56
62) Azobenzene	10.64	77	225773	16.60	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	22672	13.89	ng	84
65) n-Nitrosodiphenylamine	10.59	169	200441	14.68	ng	94
66) 4-Bromophenyl-phenylether	10.97	248	66035	14.51	ng #	88
67) Hexachlorobenzene	11.03	284	69929	13.62	ng #	78
68) Atrazine	11.12	200	64307	15.18	ng	83
69) Pentachlorophenol	11.22	266	31792	10.87	ng	99
70) Phenanthrene	11.44	178	330536	14.08	ng	97
71) Anthracene	11.50	178	381625	16.64	ng	98
72) Carbazole	11.66	167	316039	15.23	ng	97
73) Di-n-butylphthalate	11.98	149	368268	16.57	ng #	99
74) Fluoranthene	12.63	202	377039	15.60	ng	91
76) Benzidine	12.78	184	85743	6.61	ng #	96
77) Pyrene	12.86	202	378456	14.71	ng	97
79) Butylbenzylphthalate	13.48	149	142024	14.67	ng #	79
80) Benzo(a)anthracene	14.05	228	327686	14.13	ng	97
81) 3,3'-Dichlorobenzidine	14.02	252	66383	8.47	ng #	92
82) Chrysene	14.08	228	338308	12.76	ng	96
83) Bis(2-ethylhexyl)phthalate	14.04	149	213383	17.57	ng #	93
84) Di-n-octyl phthalate	14.65	149	332413	16.82	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.93	276	240479	13.25	ng #	89
87) Benzo(b)fluoranthene	15.09	252	285292	14.08	ng #	85
88) Benzo(k)fluoranthene	15.11	252	318693m	17.16	ng	
89) Benzo(a)pyrene	15.44	252	272555	15.51	ng #	86
90) Dibenzo(a,h)anthracene	16.95	278	201496	13.66	ng #	82
91) Benzo(g,h,i)perylene	17.36	276	195729	12.95	ng #	75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081942.D

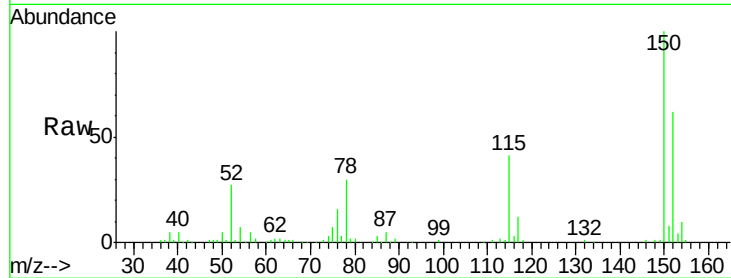
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02



Tgt Ion: 152 Resp: 113773

Ion Ratio Lower Upper

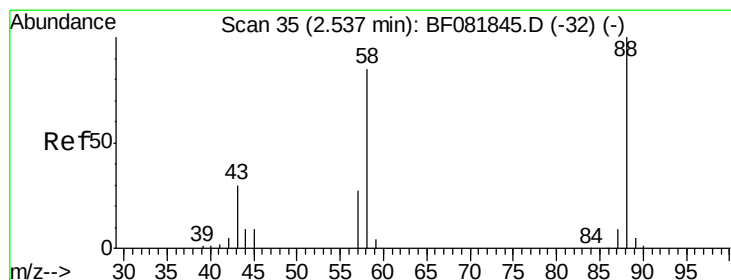
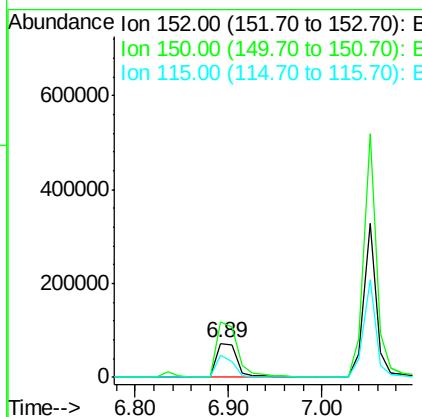
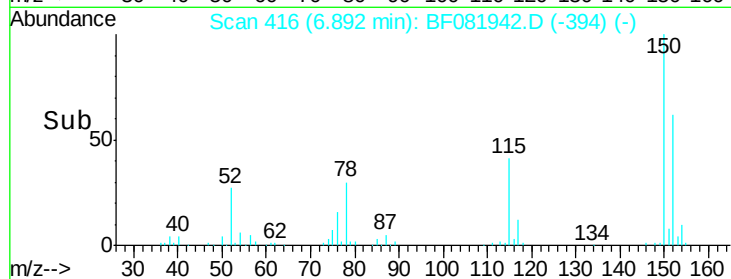
152 100

150 160.8 124.7 187.1

115 66.2 39.0 58.4#

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#2

1,4-Dioxane

Concen: 12.25 ng

RT: 2.58 min Scan# 39

Delta R.T. 0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

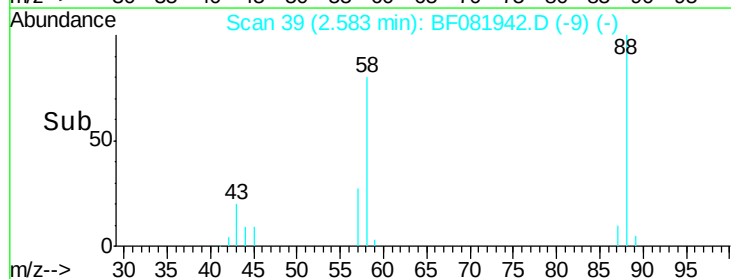
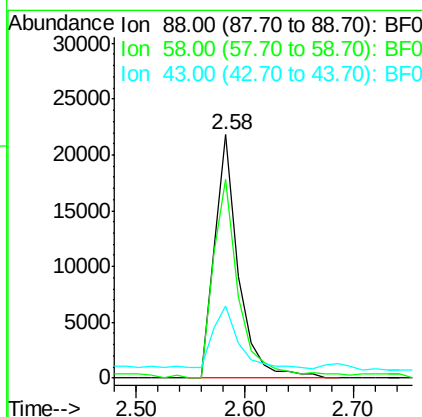
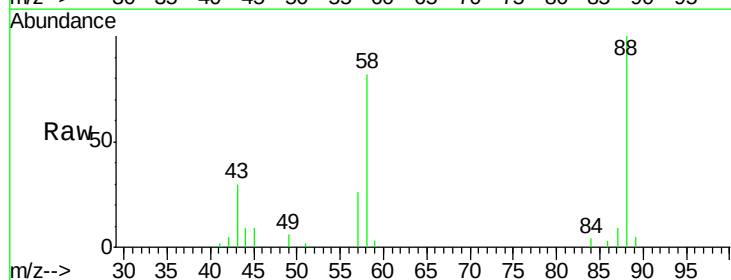
Tgt Ion: 88 Resp: 33399

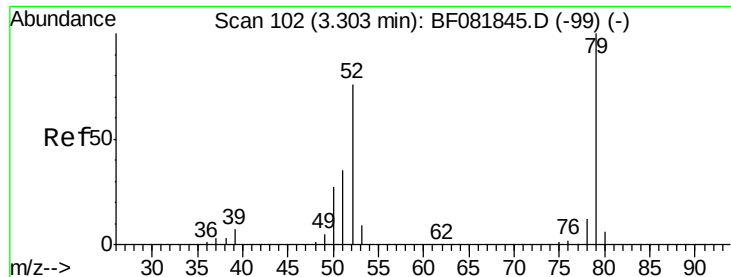
Ion Ratio Lower Upper

88 100

58 89.6 77.7 116.5

43 28.2 26.6 40.0





#3

Pyridine

Concen: 11.00 ng

RT: 3.34 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

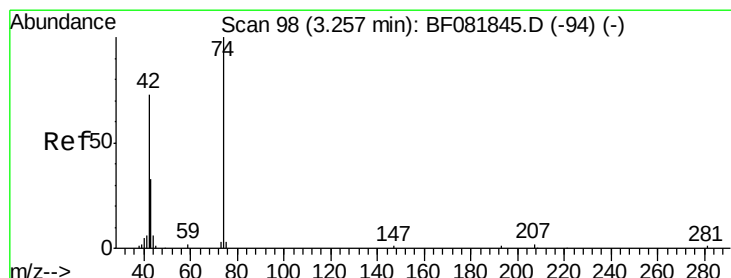
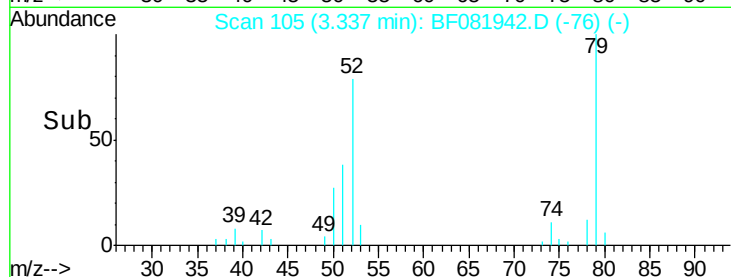
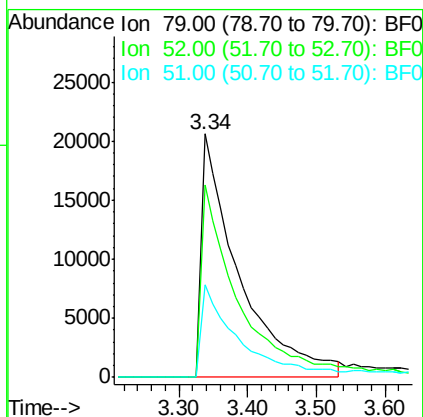
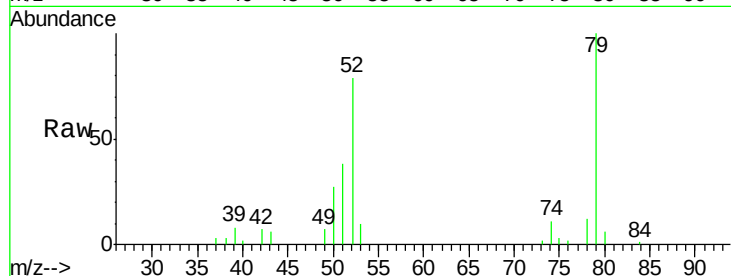
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:	79	Resp:	78082
Ion	Ratio	Lower	Upper
79	100		
52	78.9	76.8	115.2
51	38.1	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 8.94 ng

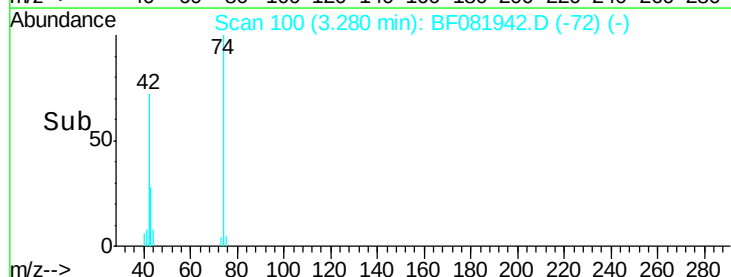
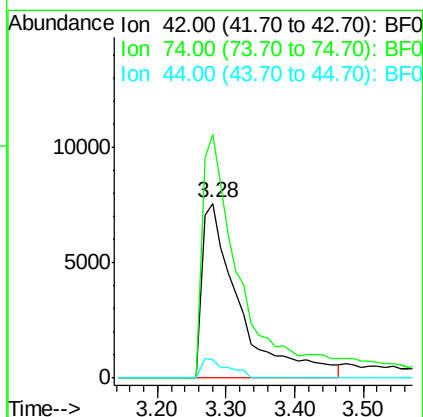
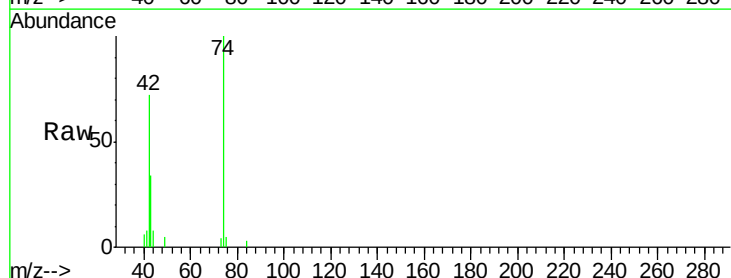
RT: 3.28 min Scan# 100

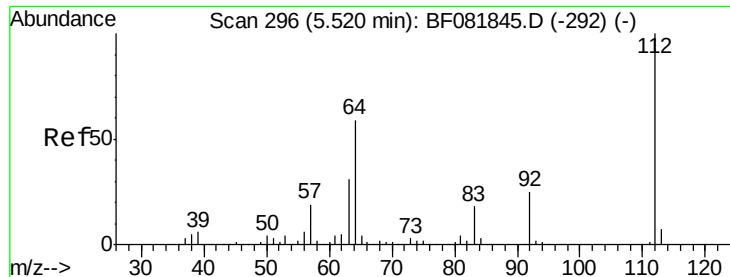
Delta R.T. 0.02 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion:	42	Resp:	28813
Ion	Ratio	Lower	Upper
42	100		
74	139.1	105.0	157.6
44	10.5	6.6	10.0#





#5

2-Fluorophenol

Concen: 96.54 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

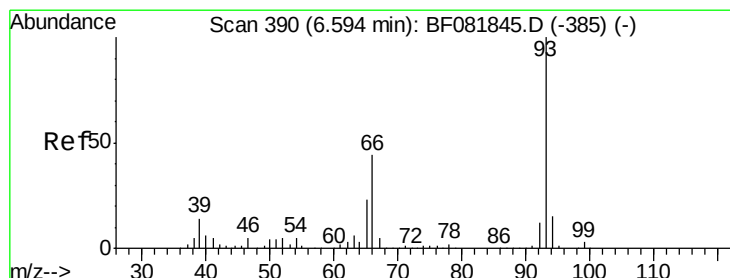
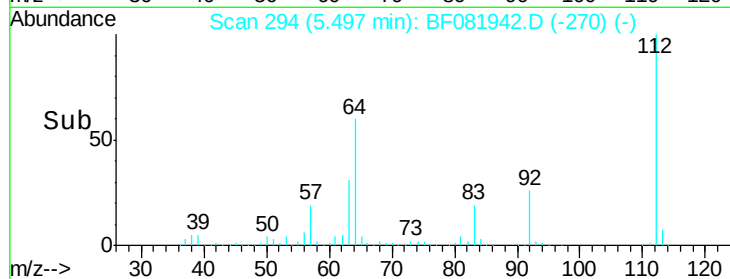
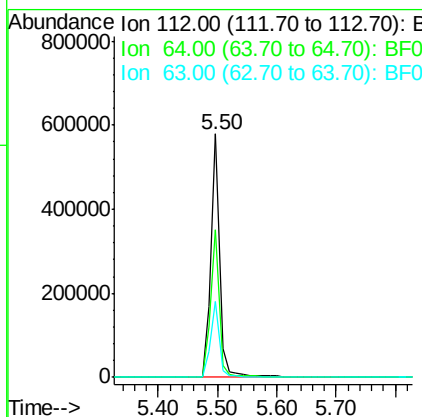
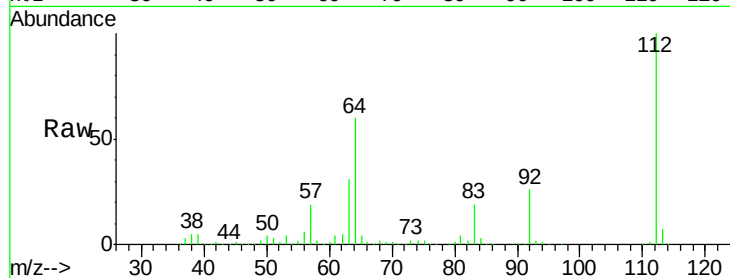
ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	60.4	39.7	59.5#
63	31.3	17.4	26.0#

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#6

Aniline

Concen: 7.75 ng

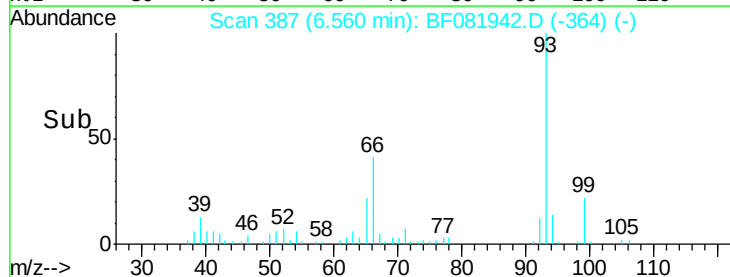
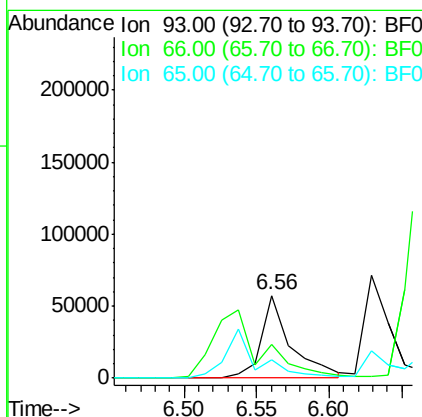
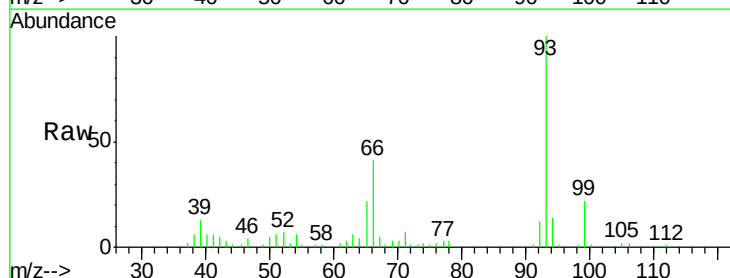
RT: 6.56 min Scan# 387

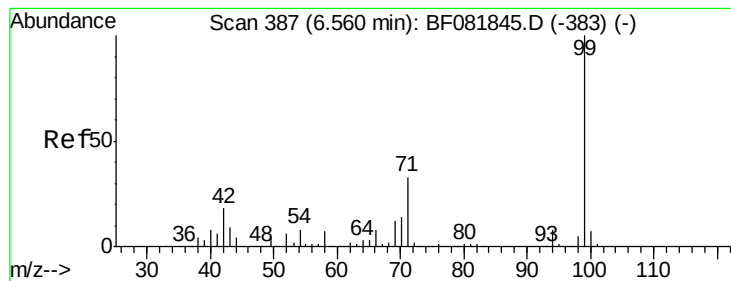
Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	40.9	27.2	40.8#
65	21.6	14.7	22.1





#7

Phenol-d6

Concen: 103.57 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion: 99 Resp: 816788

Ion Ratio Lower Upper

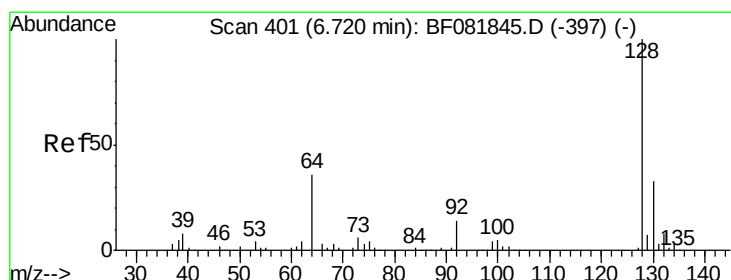
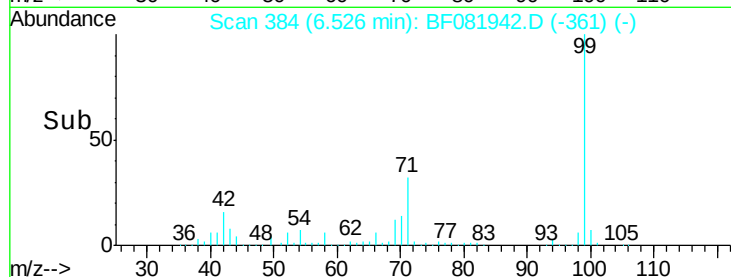
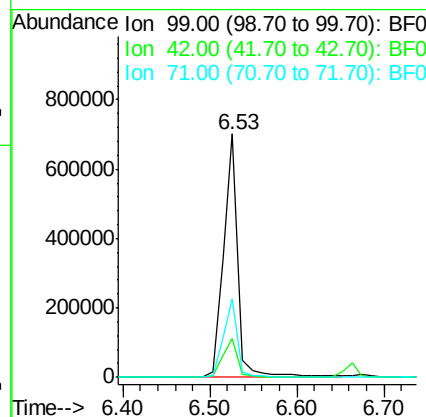
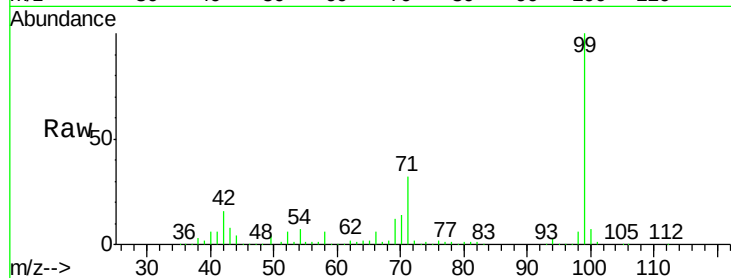
99 100

42 15.9 13.7 20.5

71 32.1 14.2 21.2#

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#8

2-Chlorophenol

Concen: 14.38 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

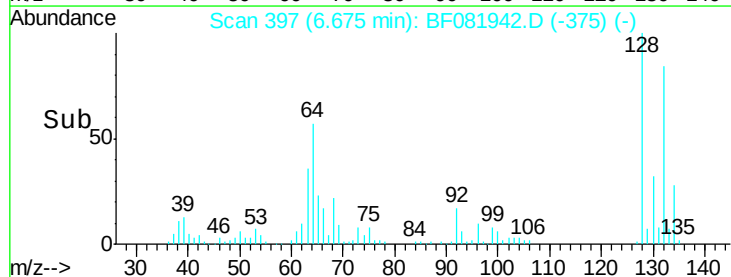
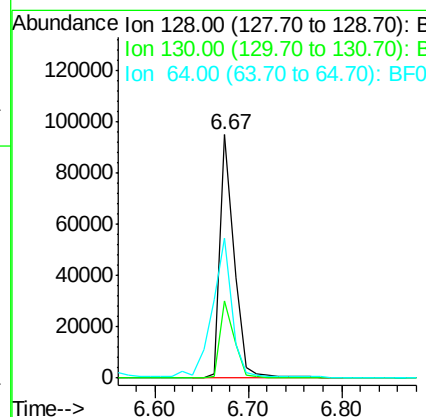
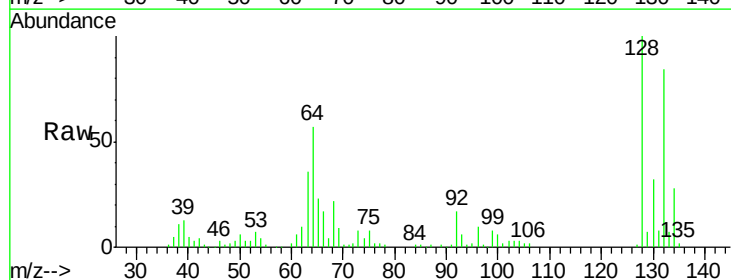
Tgt Ion: 128 Resp: 99523

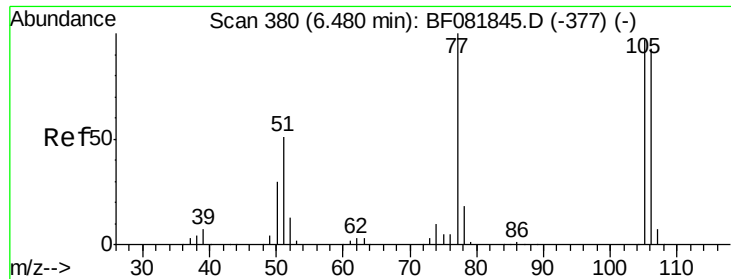
Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

64 57.2 20.5 60.5





#9

Benzaldehyde

Concen: 14.46 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion: 77 Resp: 74682

Ion Ratio Lower Upper

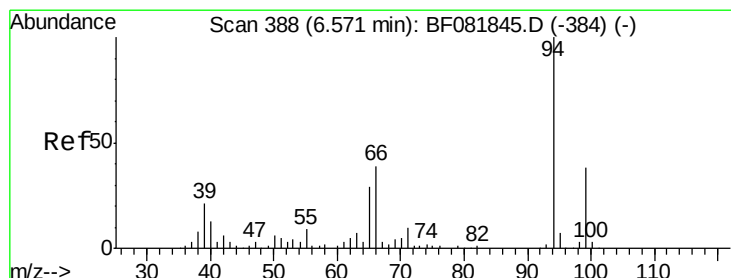
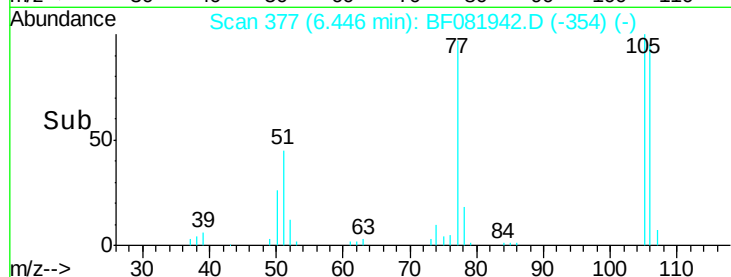
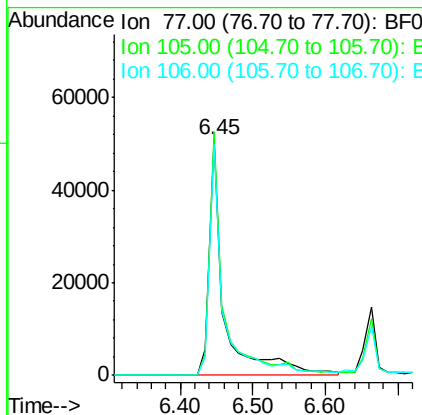
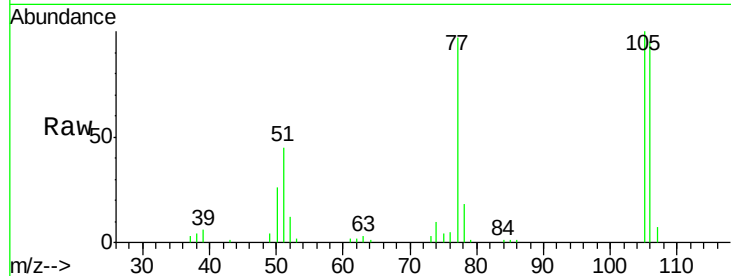
77 100

105 103.4 91.6 131.6

106 98.3 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 14.38 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

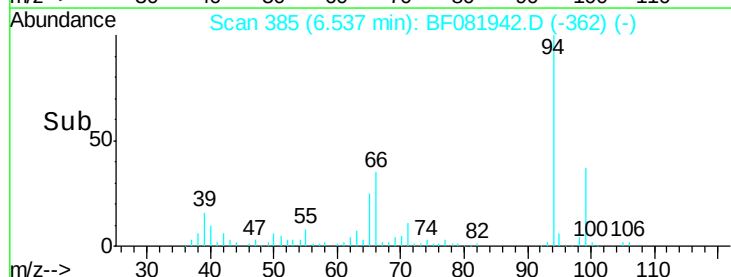
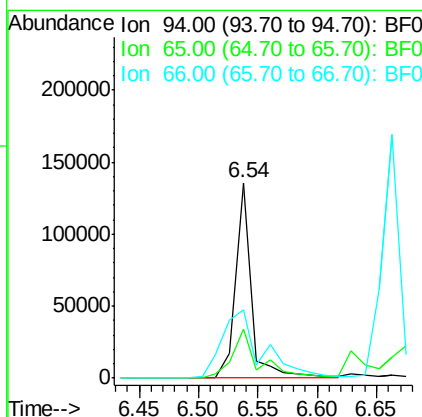
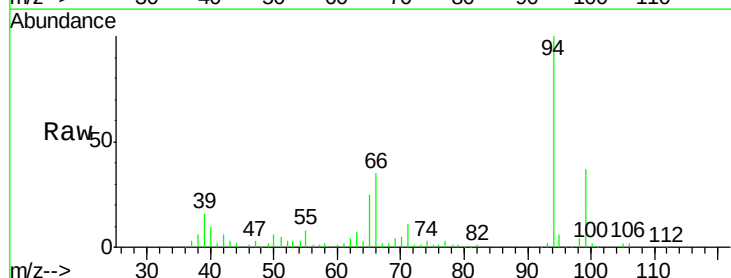
Tgt Ion: 94 Resp: 127240

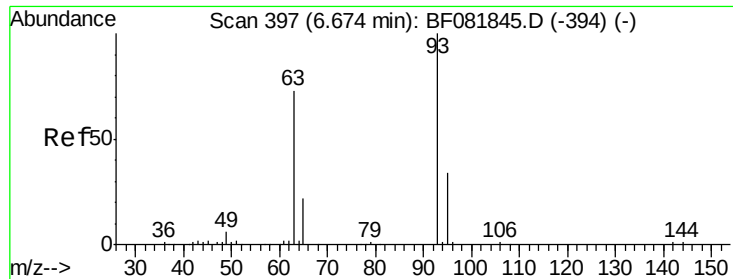
Ion Ratio Lower Upper

94 100

65 24.9 0.7 40.7

66 34.7 0.8 40.8





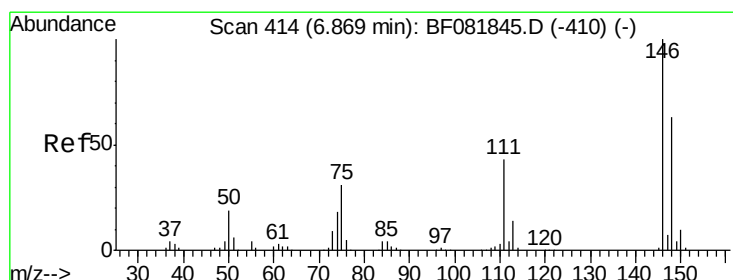
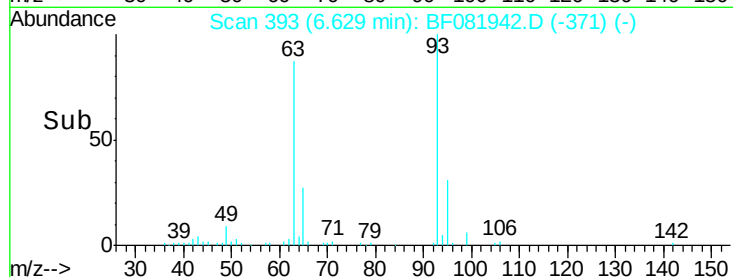
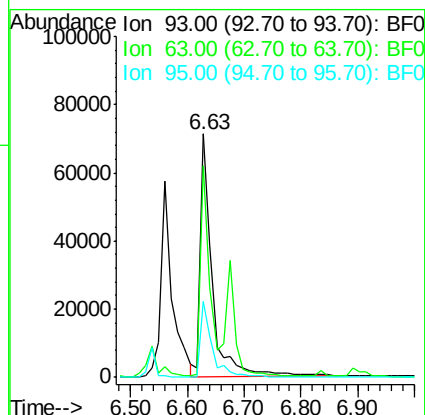
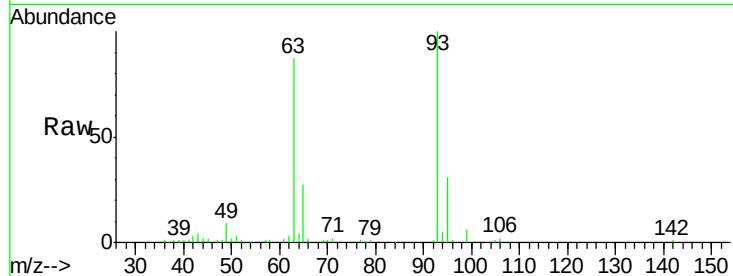
#11
bis(2-Chloroethyl)ether
Concen: 14.89 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	102161		
63	86.9	65.6	105.6	
95	31.0	13.6	53.6	

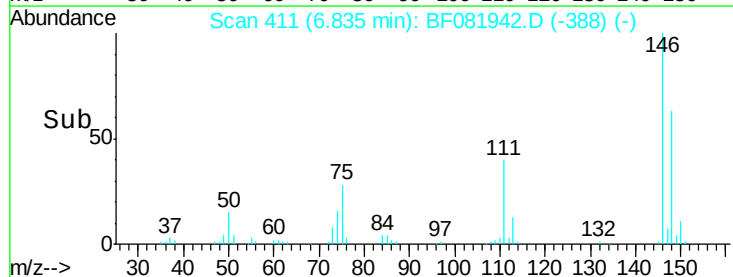
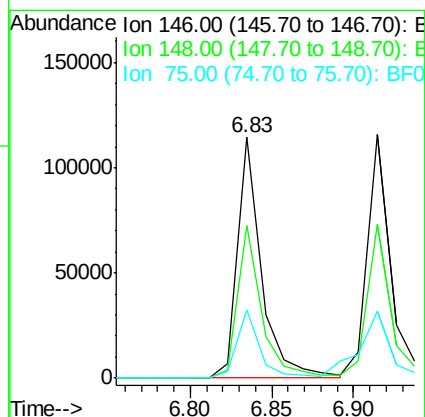
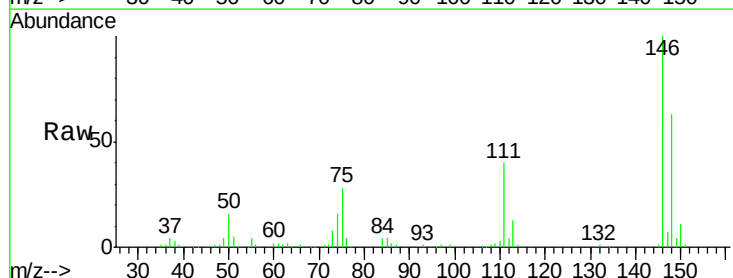
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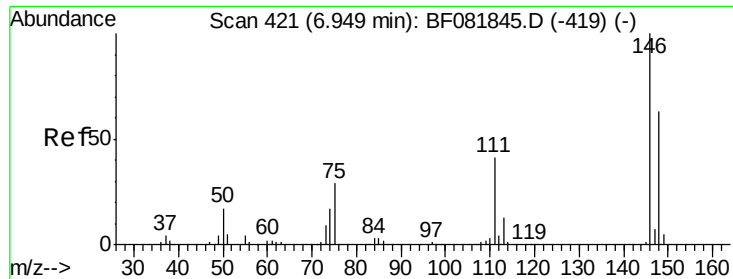
apatel
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#12
1,3-Dichlorobenzene
Concen: 14.14 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115600		
148	63.3	51.0	76.4	
75	28.4	15.0	22.6	





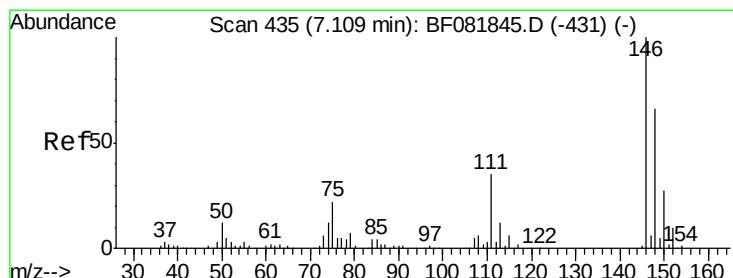
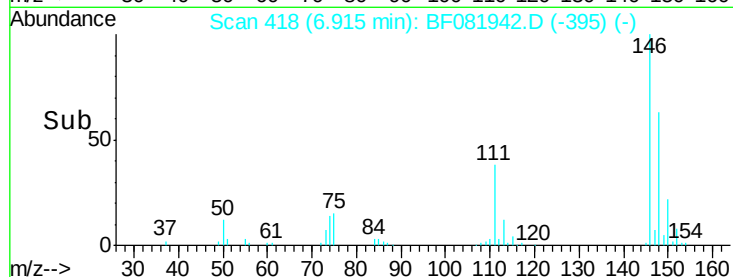
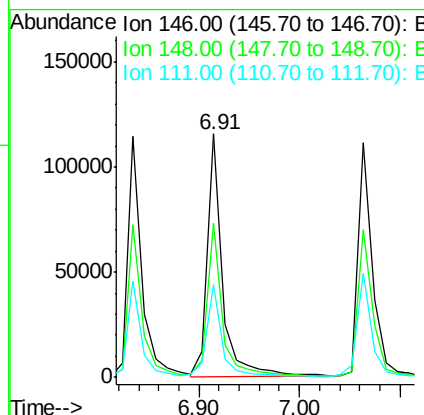
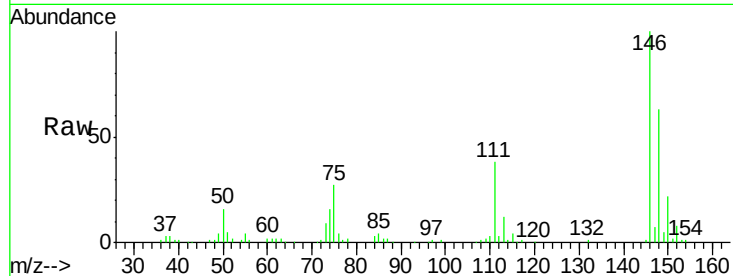
#13
 1,4-Dichlorobenzene
 Concen: 14.26 ng
 RT: 6.91 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121726		
148	63.1	51.8	77.6	
111	38.0	24.9	37.3#	

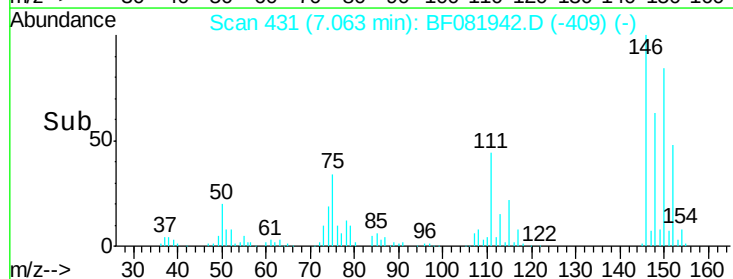
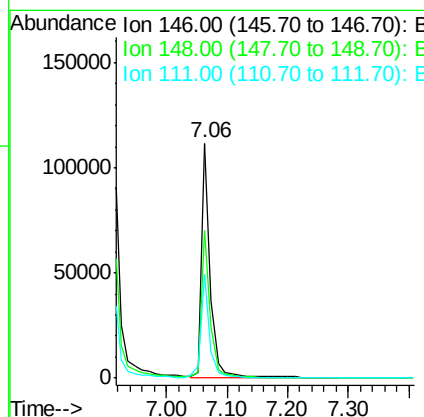
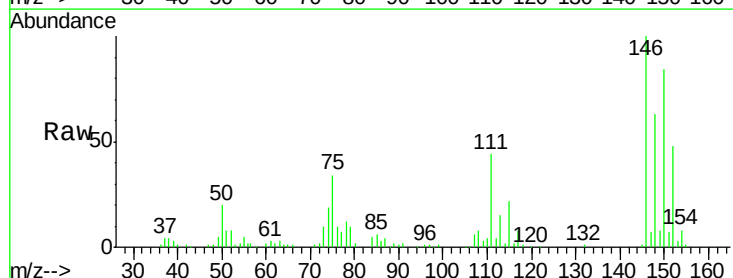
Manual Integrations
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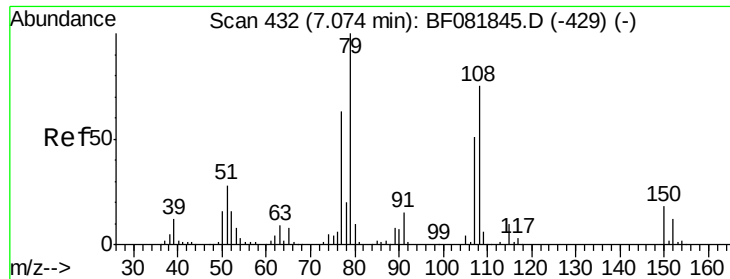
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 15.44 ng m
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117460		
148	63.0	52.7	79.1	
111	44.3	28.8	43.2#	





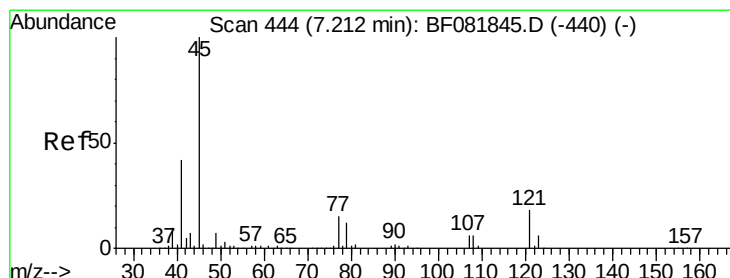
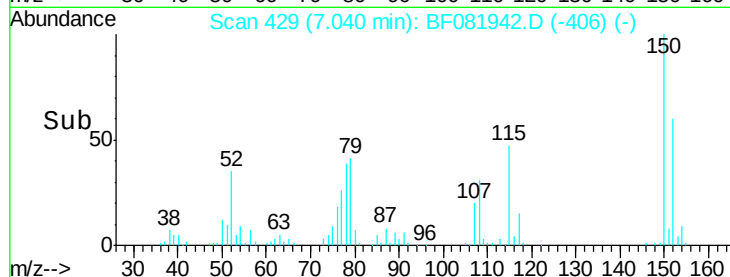
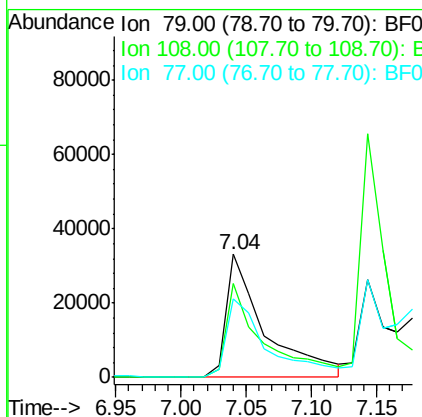
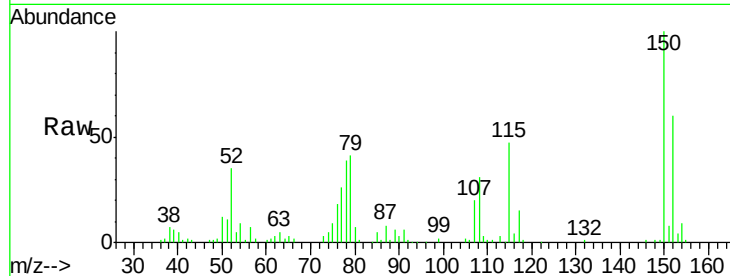
#15
Benzyl Alcohol
Concen: 12.09 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 79 Resp: 68816
Ion Ratio Lower Upper
79 100
108 76.6 88.6 132.8#
77 64.3 47.0 70.4

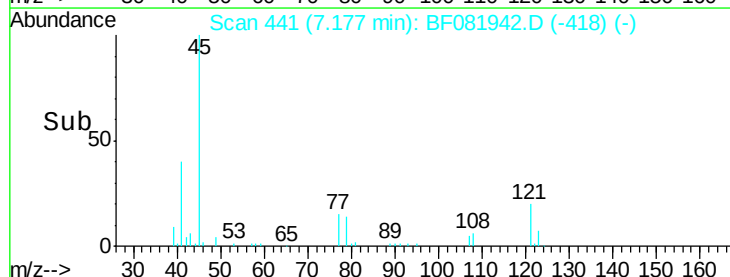
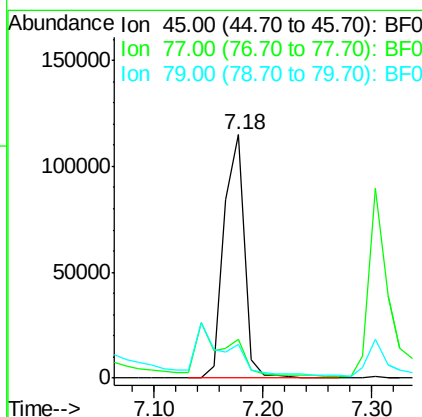
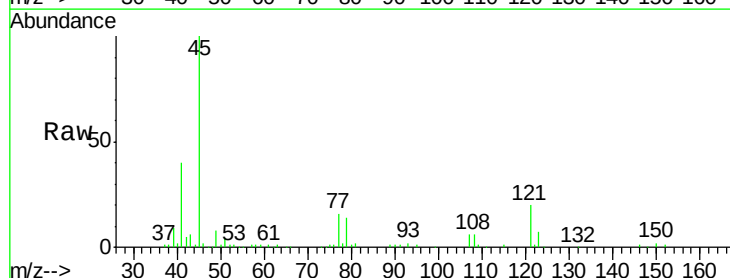
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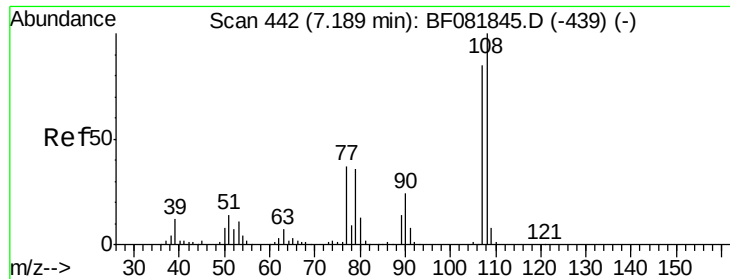
apatel
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.41 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion: 45 Resp: 149467
Ion Ratio Lower Upper
45 100
77 15.9 0.0 28.1
79 13.9 0.0 26.0





#17

2-Methylphenol

Concen: 13.16 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF081942.D

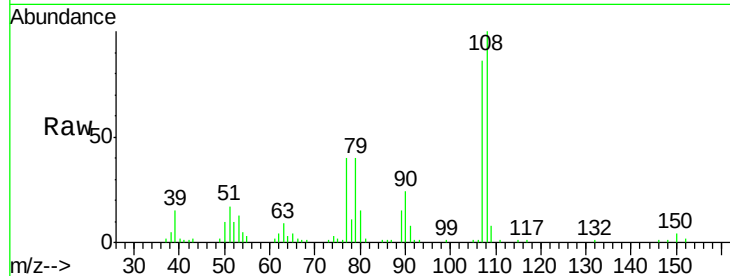
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02



Tgt Ion:107 Resp: 73857

Ion Ratio Lower Upper

107 100

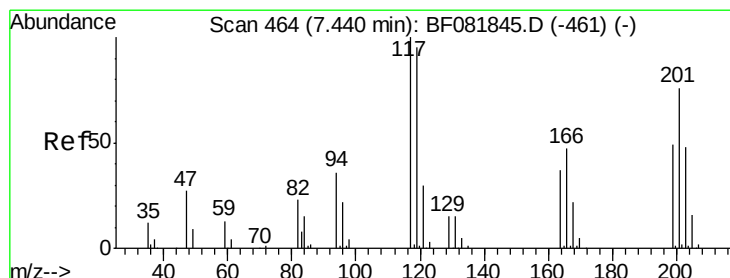
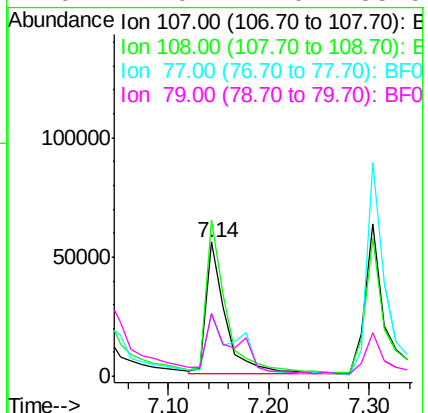
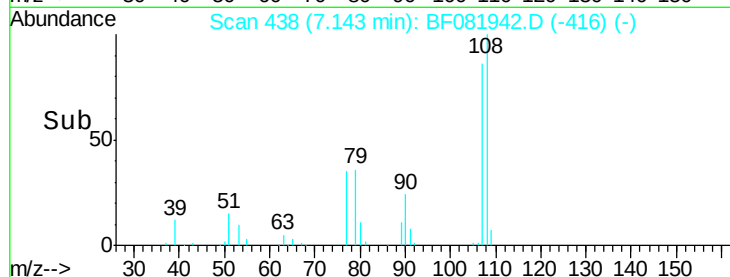
108 116.7 96.6 145.0

77 46.8 23.3 34.9#

79 47.0 22.0 33.0#

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#18

Hexachloroethane

Concen: 14.90 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

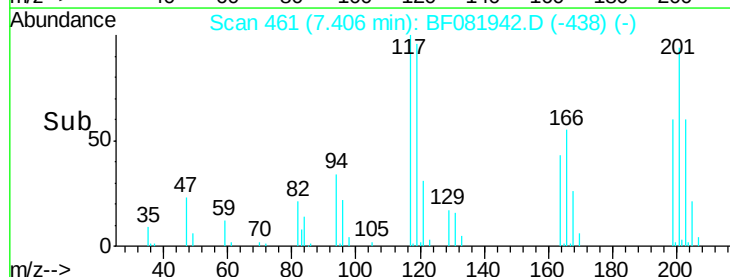
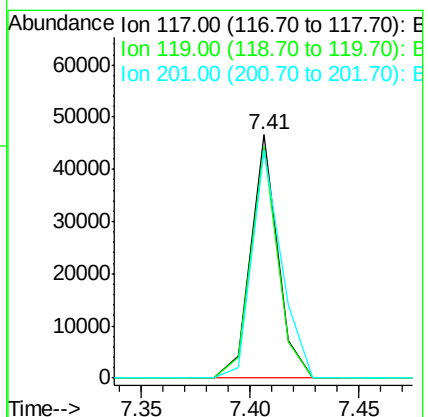
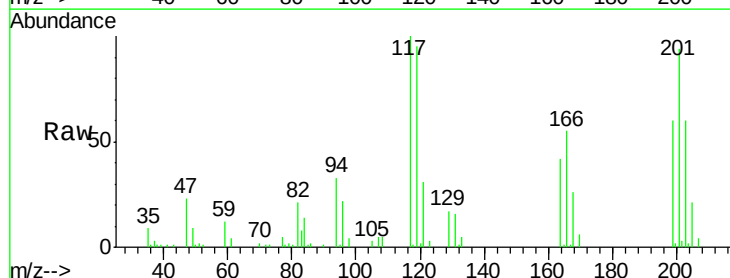
Tgt Ion:117 Resp: 39811

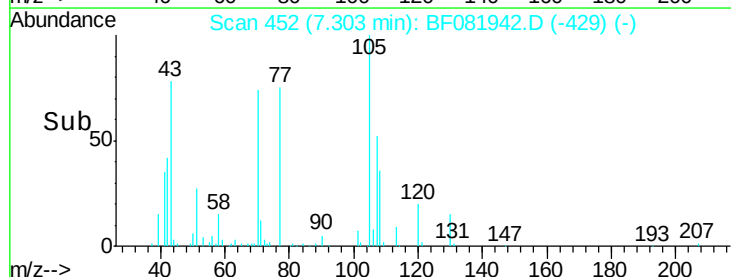
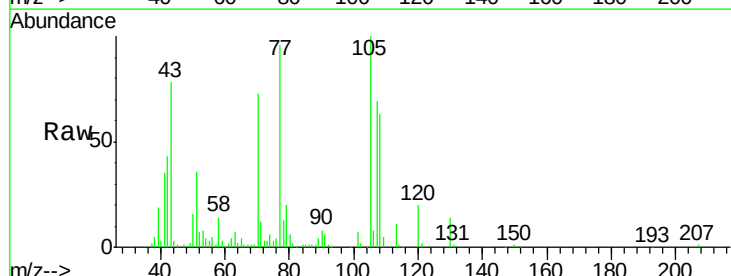
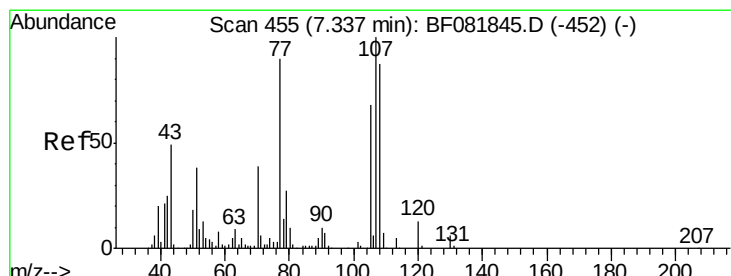
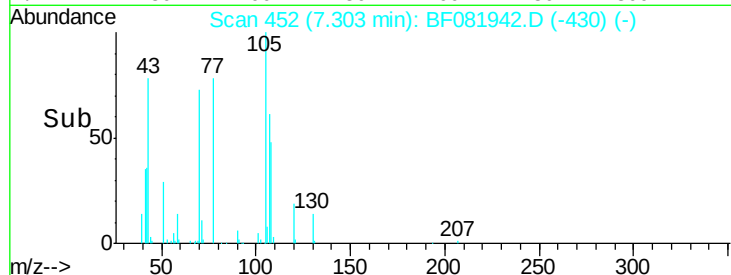
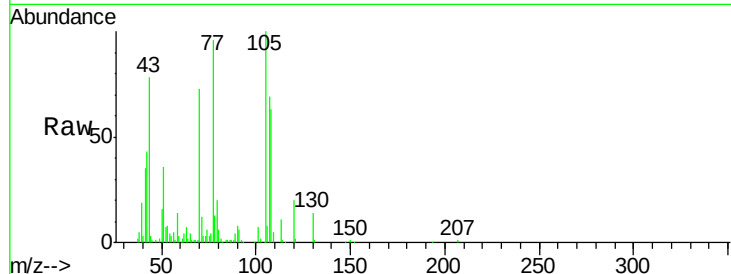
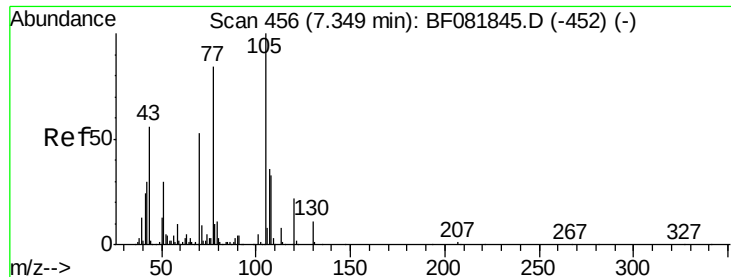
Ion Ratio Lower Upper

117 100

119 95.5 83.8 125.6

201 93.5 55.1 82.7#





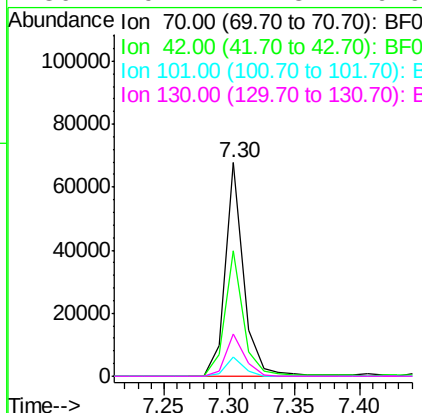
#19
n-Nitroso-di-n-propylamine
Concen: 14.01 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.0	63.8	95.6#
101	9.1	9.2	13.8#
130	19.7	27.3	40.9#

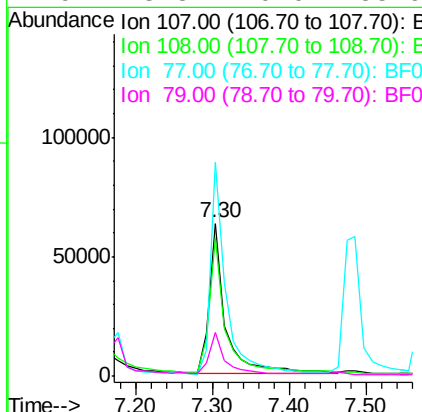
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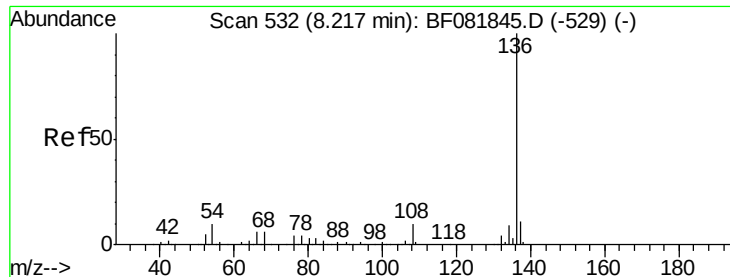
apatel
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#20
3+4-Methylphenols
Concen: 13.17 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	74.6	114.6
77	140.0	0.7	40.7#
79	28.3	0.0	38.9





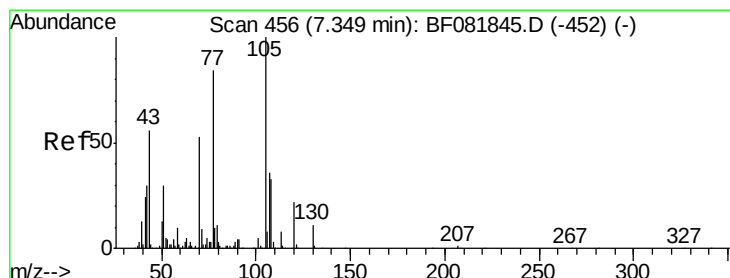
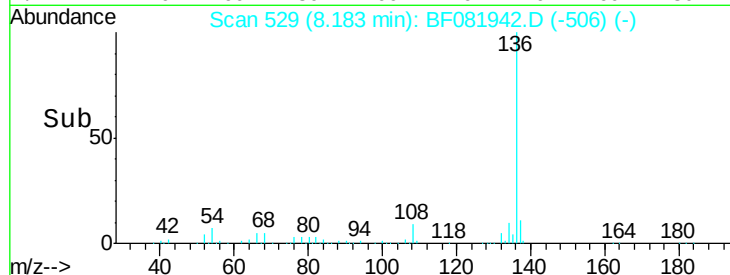
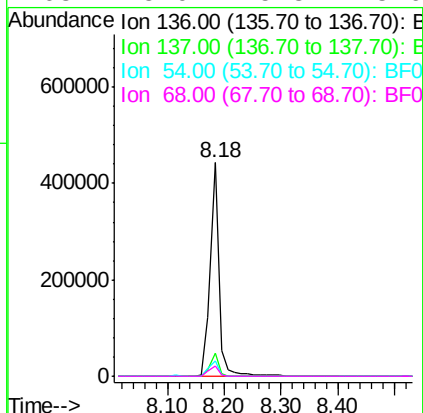
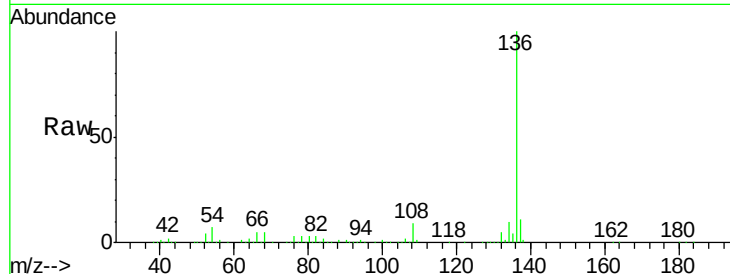
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	457110		
137	11.0	9.0	13.6	
54	7.2	8.2	12.2#	
68	5.0	5.8	8.6#	

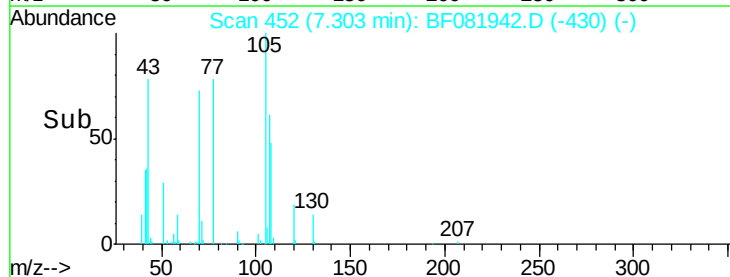
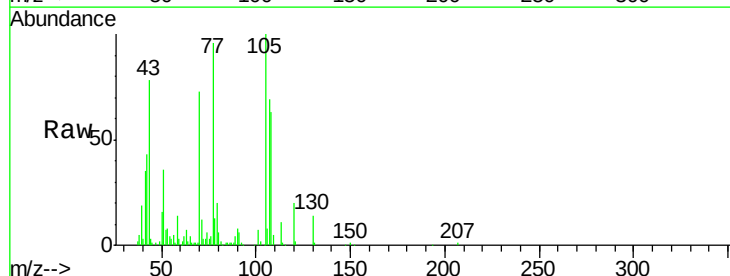
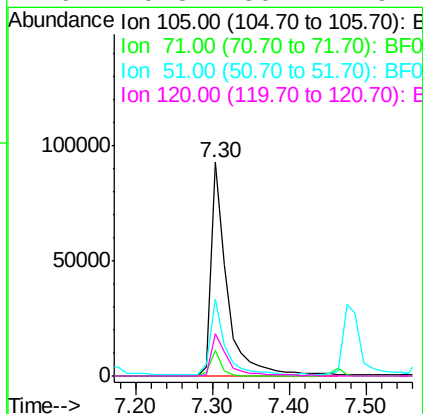
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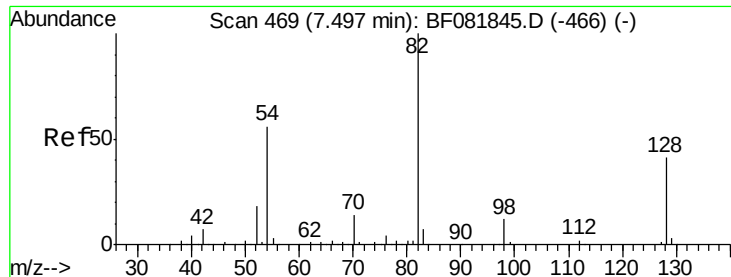
apatel
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#22
Acetophenone
Concen: 14.42 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134781		
71	12.2	4.7	7.1#	
51	35.9	22.0	33.0#	
120	19.8	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 72.01 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

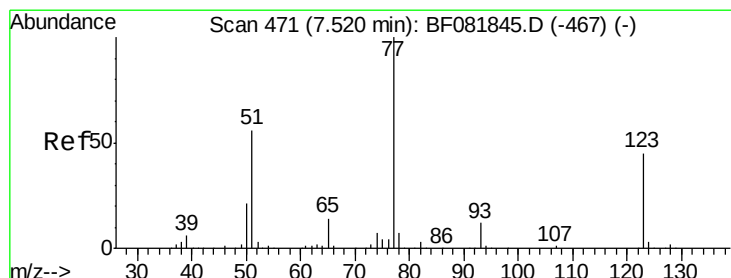
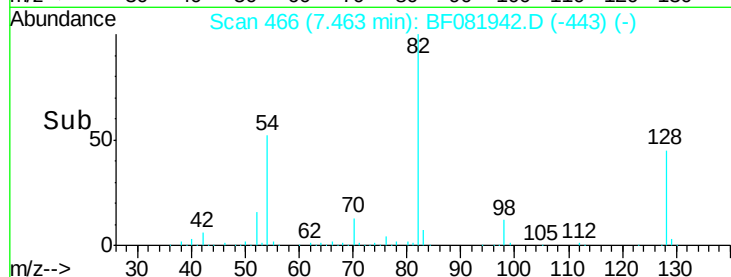
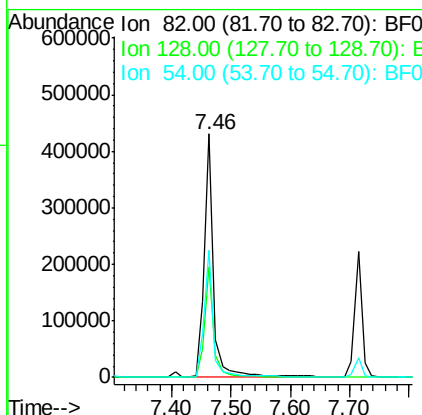
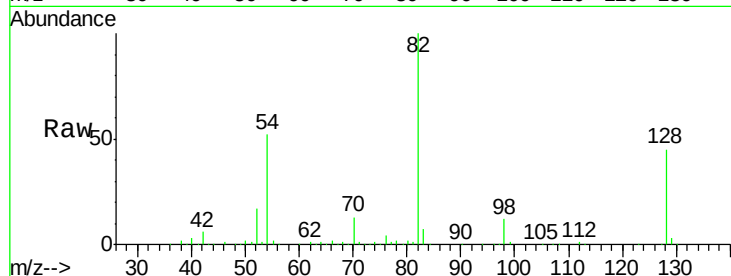
ClientSampleId :

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Tgt Ion:	82	Resp:	493804
Ion Ratio	Lower	Upper	
82	100		
128	45.3	51.0	76.6#
54	52.1	47.5	71.3

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#24

Nitrobenzene

Concen: 12.83 ng

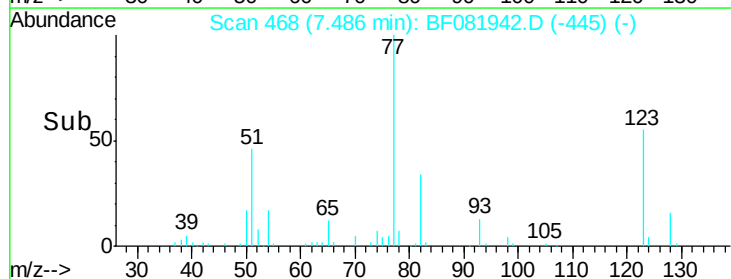
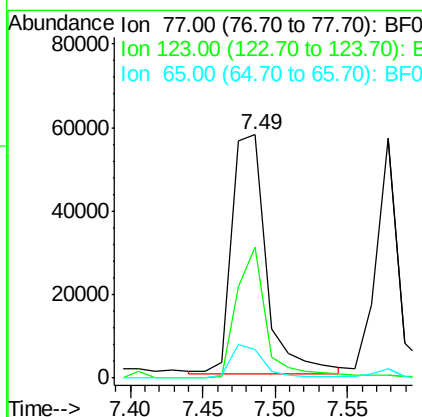
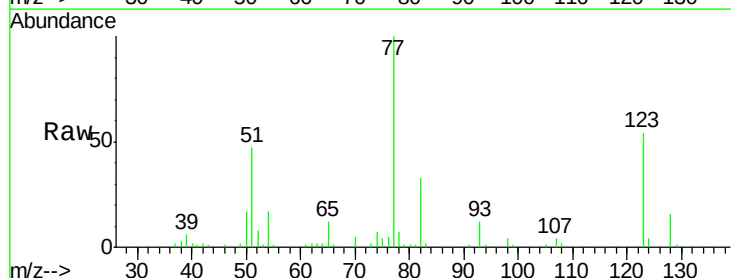
RT: 7.49 min Scan# 468

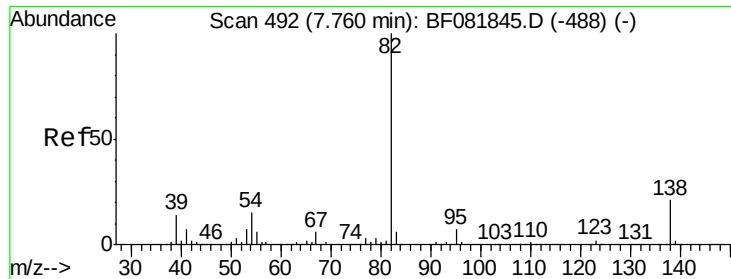
Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion:	77	Resp:	95506
Ion Ratio	Lower	Upper	
77	100		
123	53.6	59.8	89.8#
65	11.8	10.2	15.4





#25

Isophorone

Concen: 13.91 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 189052
Ion Ratio Lower Upper

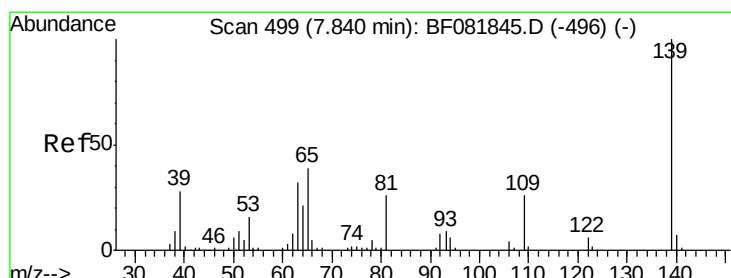
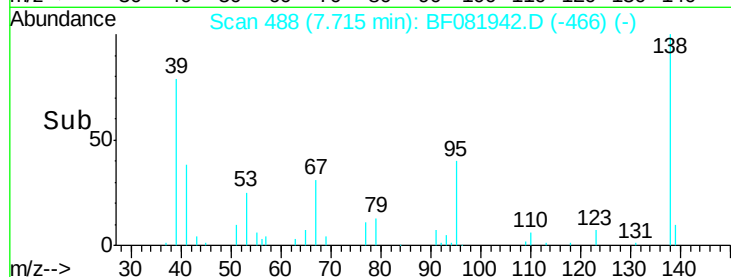
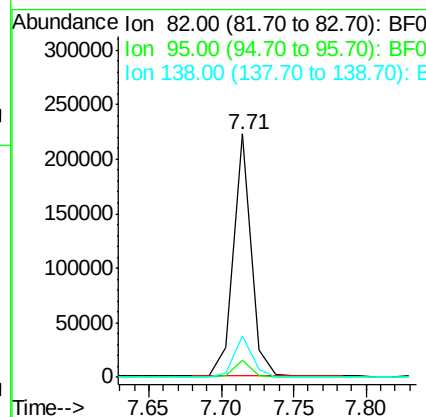
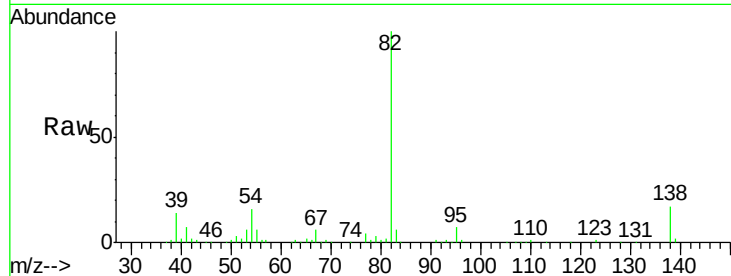
82 100

95 6.8 4.0 6.0#

138 17.2 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 13.88 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF081942.D

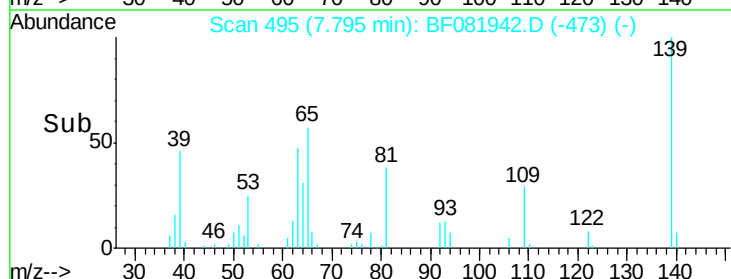
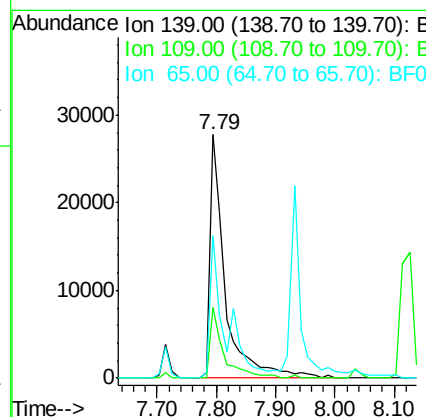
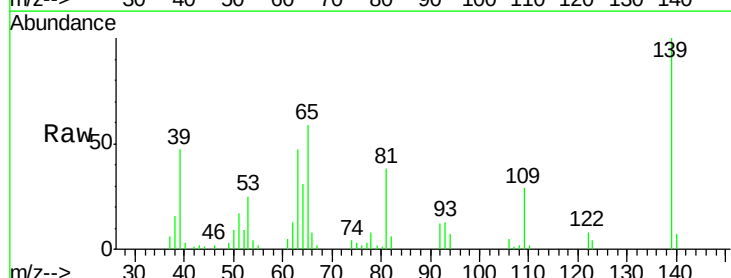
Acq: 1 Oct 2015 16:39

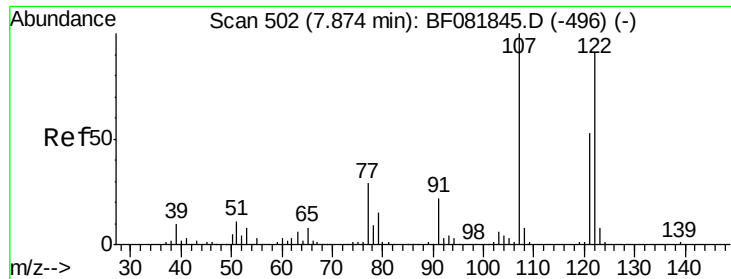
Tgt Ion: 139 Resp: 49613
Ion Ratio Lower Upper

139 100

109 29.1 11.0 16.4#

65 58.6 24.7 37.1#





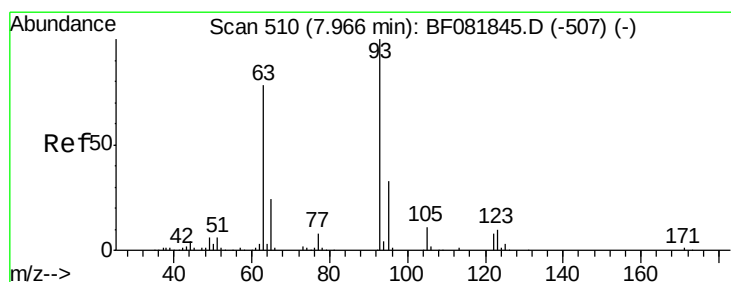
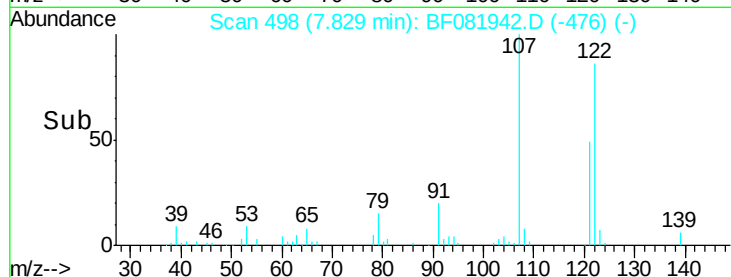
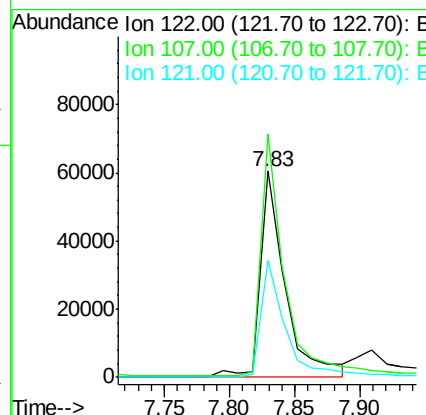
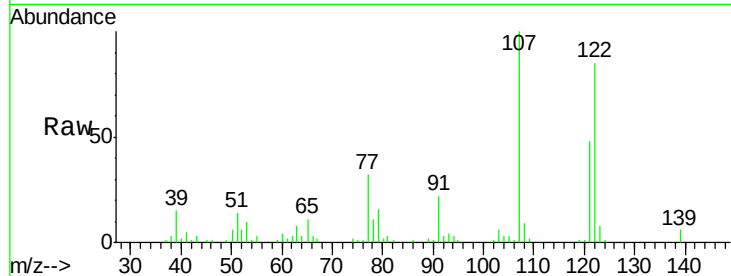
#27
 2,4-Dimethylphenol
 Concen: 12.87 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80946		
107	118.1	71.8	107.6#	
121	56.7	42.3	63.5	

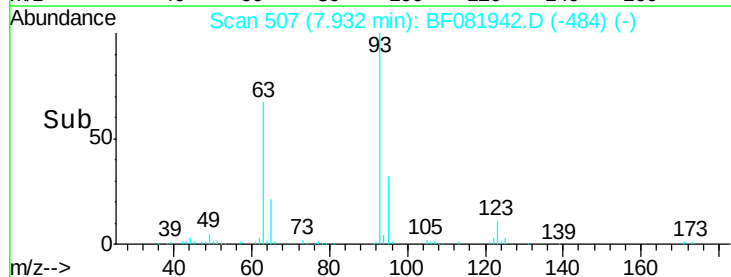
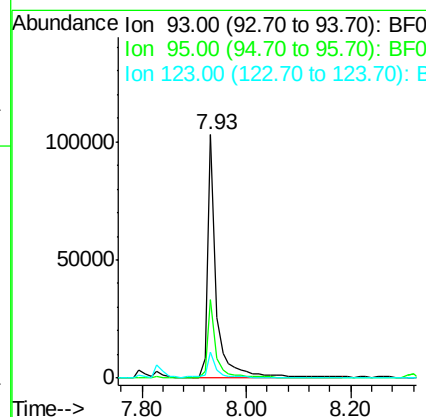
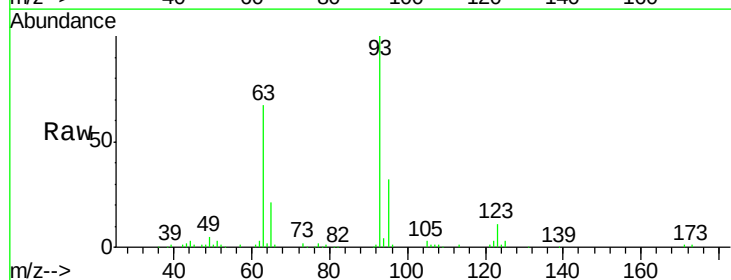
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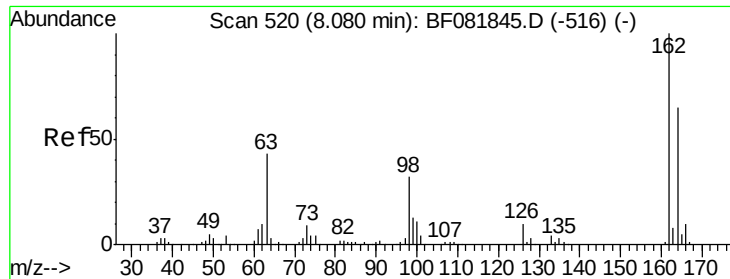
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 15.26 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	123162		
95	32.0	27.5	41.3	
123	10.8	13.7	20.5#	





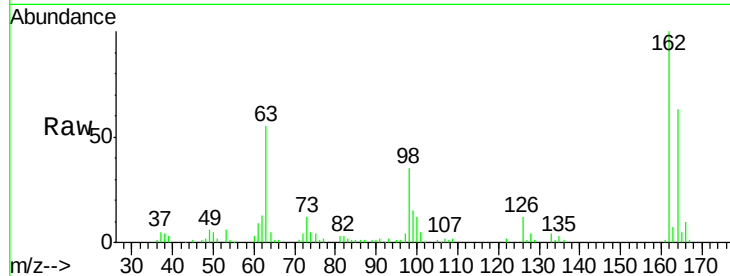
#29
 2,4-Dichlorophenol
 Concen: 14.85 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
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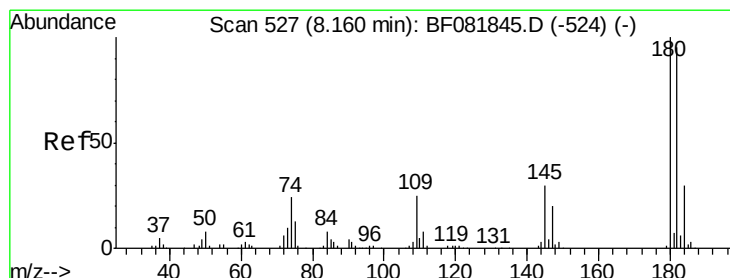
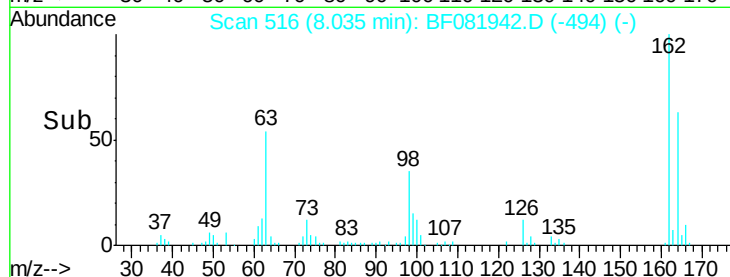
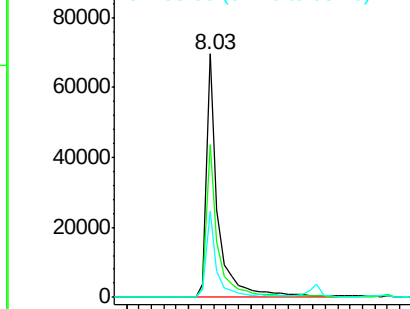
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	90564		
164	62.8	44.9	84.9	
98	35.2	13.0	53.0	

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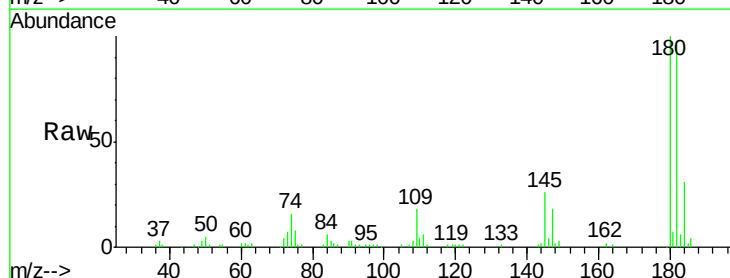


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

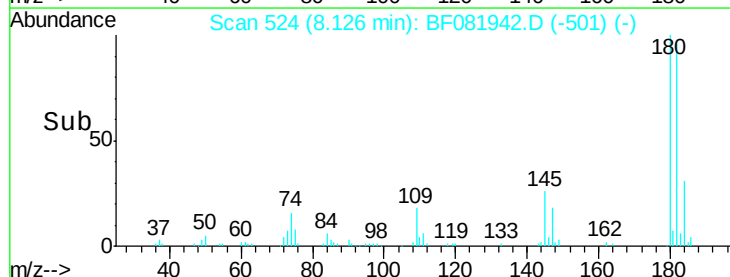
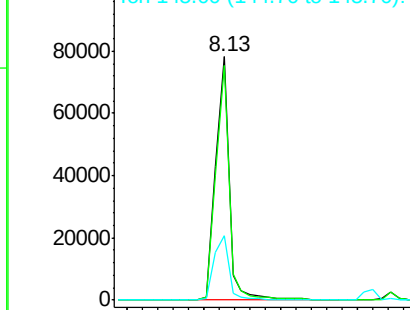


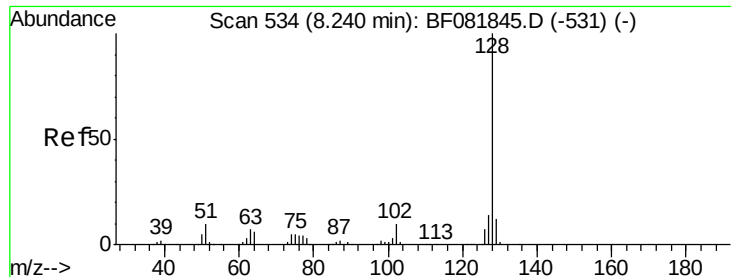
#30
 1,2,4-Trichlorobenzene
 Concen: 14.02 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95437		
182	96.3	77.1	115.7	
145	26.2	23.3	34.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





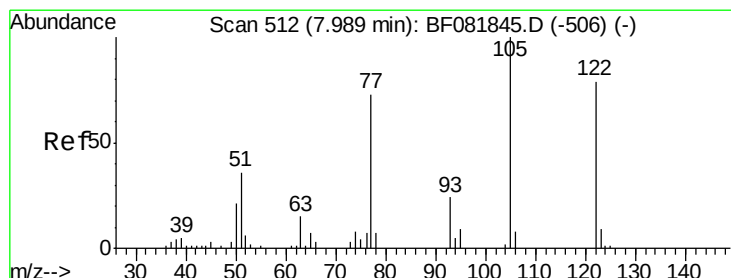
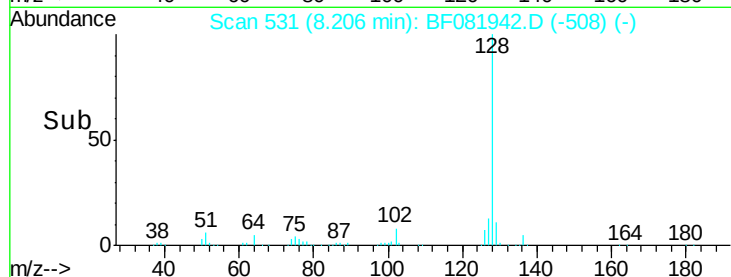
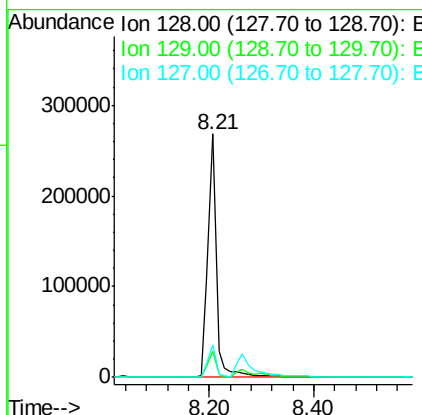
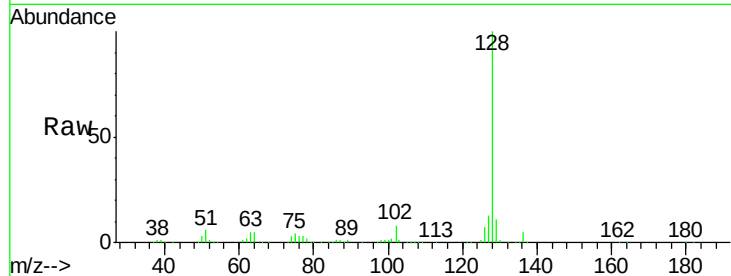
#31
Naphthalene
Concen: 15.23 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	308395		
129	10.9		8.4	12.6
127	13.1		9.9	14.9

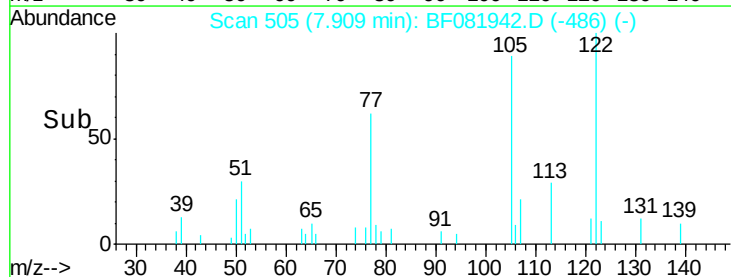
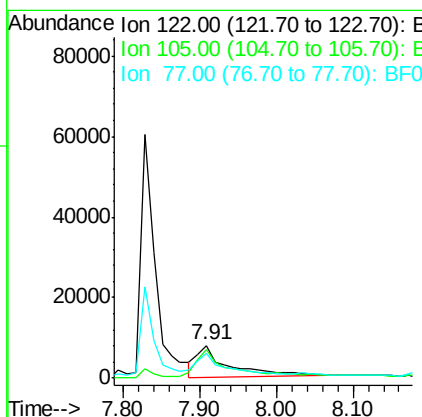
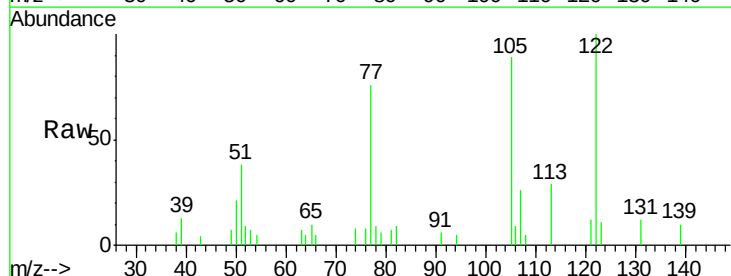
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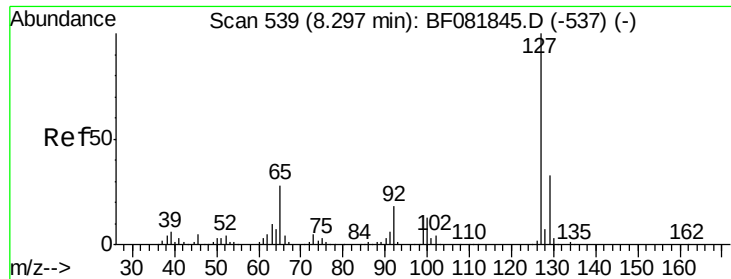
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#32
Benzoic acid
Concen: 12.36 ng
RT: 7.91 min Scan# 505
Delta R.T. -0.08 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22256		
105	88.9		76.1	116.1
77	76.4		40.5	80.5





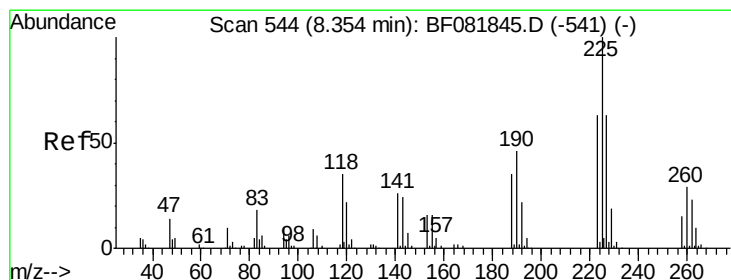
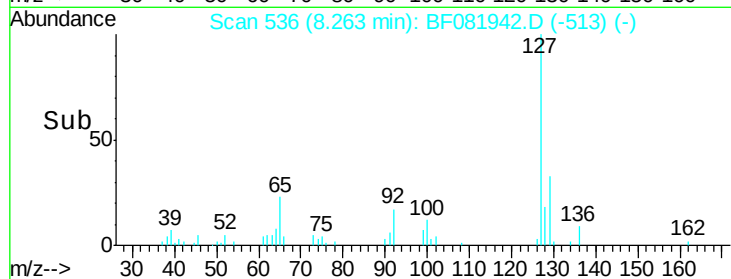
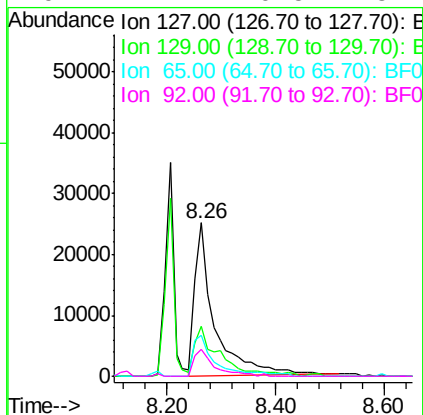
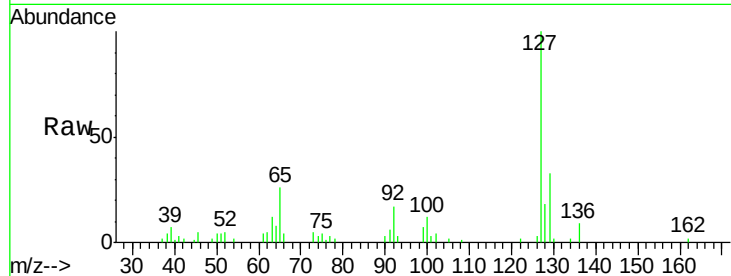
#33
 4-Chloroaniline
 Concen: 7.10 ng
 RT: 8.26 min Scan# 536
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	62197		
129	32.7	25.8	38.6	
65	26.4	17.9	26.9	
92	17.2	10.5	15.7	

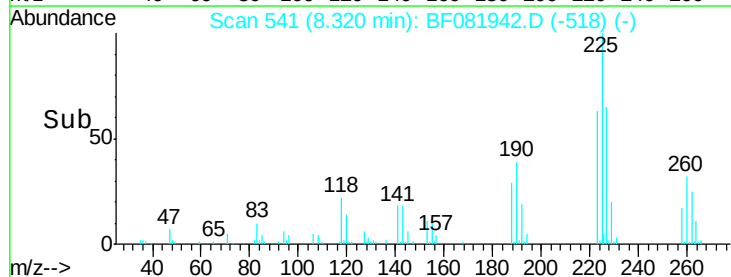
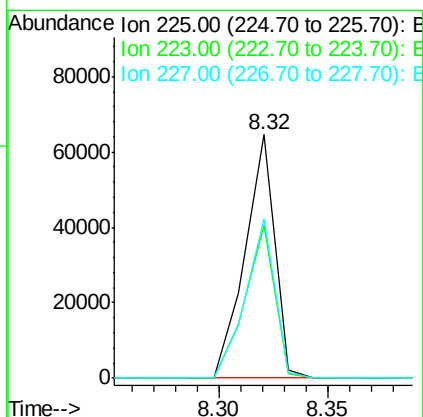
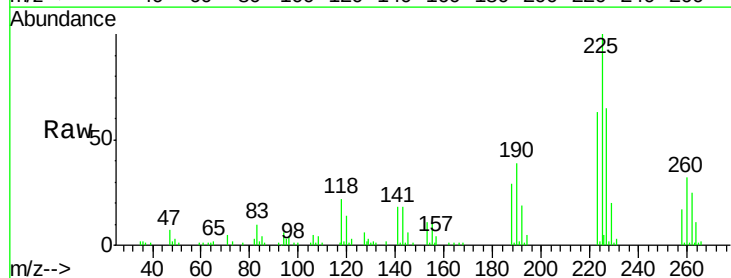
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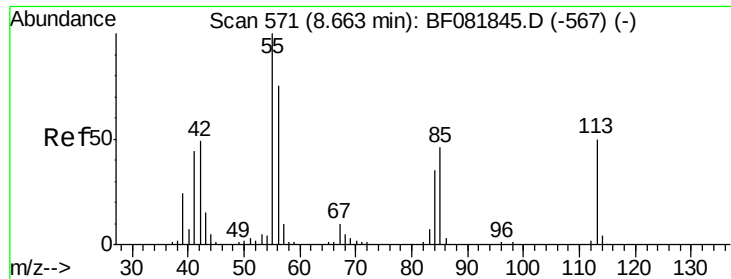
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#34
 Hexachlorobutadiene
 Concen: 15.20 ng
 RT: 8.32 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61182		
223	62.7	50.2	75.2	
227	65.1	52.2	78.2	





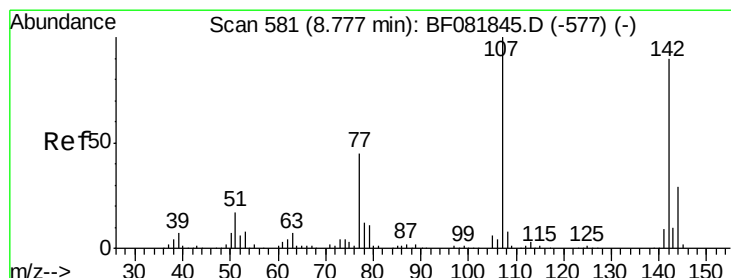
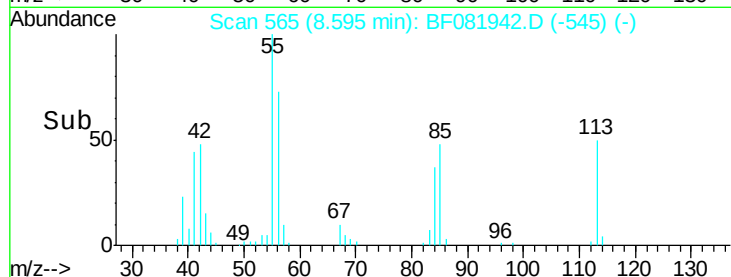
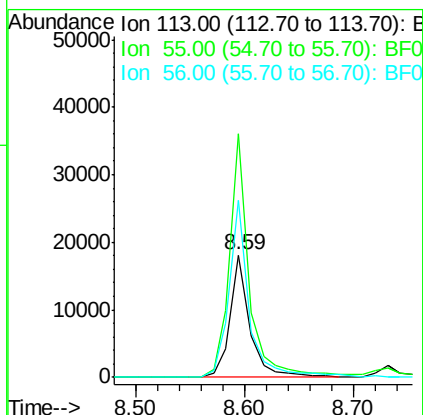
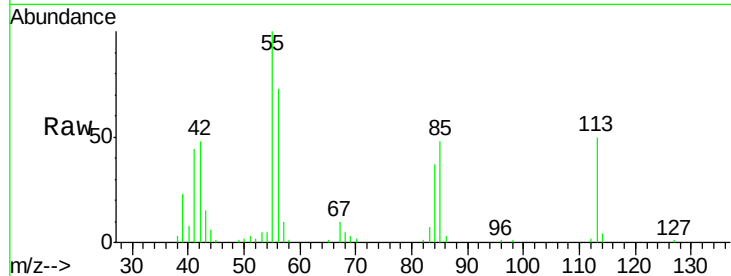
#35
 Caprolactam
 Concen: 13.63 ng
 RT: 8.59 min Scan# 565
 Delta R.T. -0.07 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:113 Resp: 23010
 Ion Ratio Lower Upper
 113 100
 55 198.9 152.4 192.4#
 56 144.3 104.6 144.6

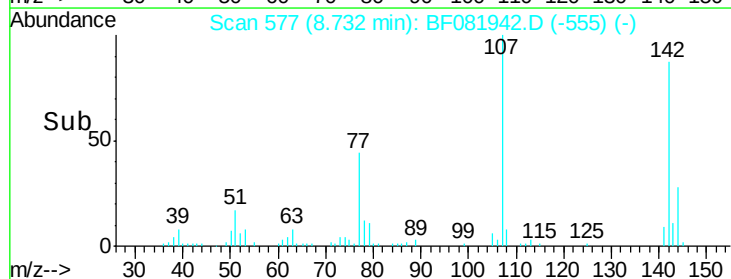
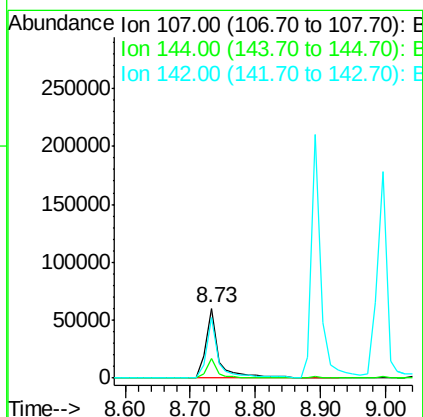
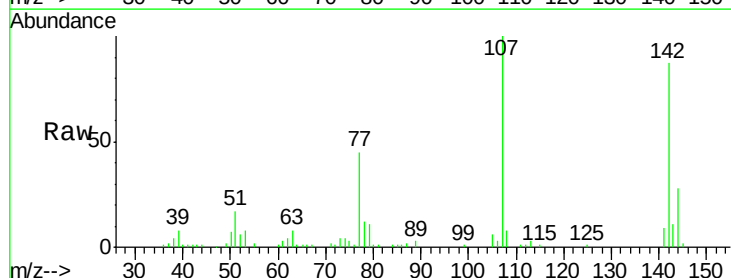
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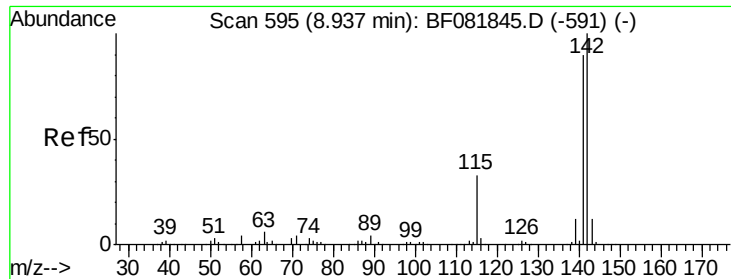
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#36
 4-Chloro-3-methylphenol
 Concen: 14.23 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion:107 Resp: 84836
 Ion Ratio Lower Upper
 107 100
 144 28.3 25.4 38.0
 142 87.2 77.3 115.9





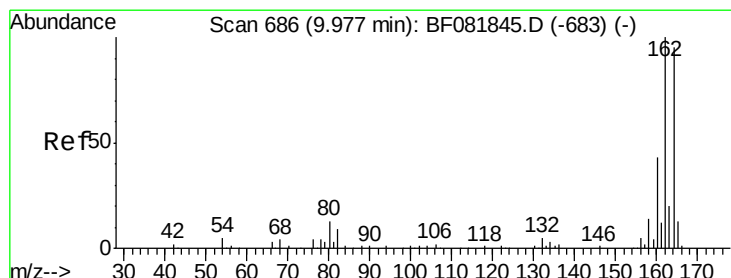
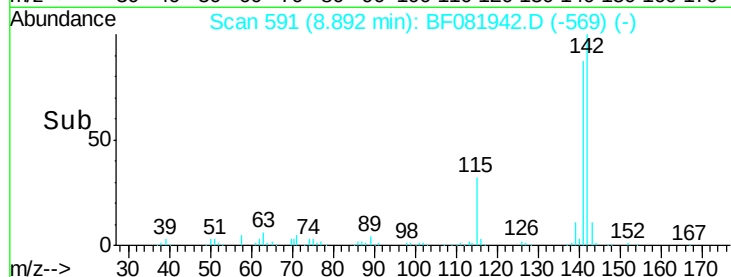
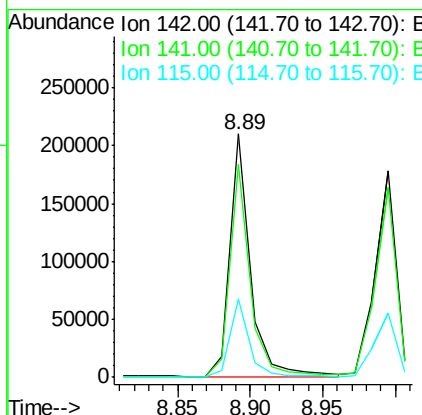
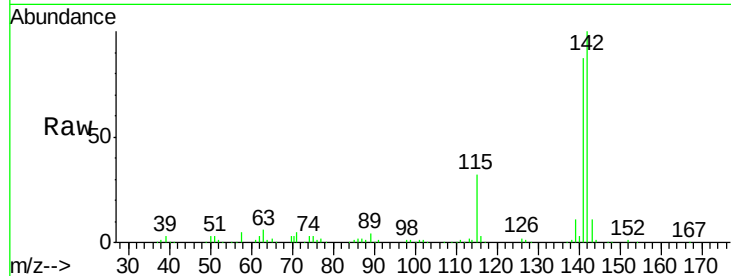
#37
 2-Methylnaphthalene
 Concen: 14.97 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	207042		
141	87.5	67.5	101.3	
115	32.2	18.2	27.2#	

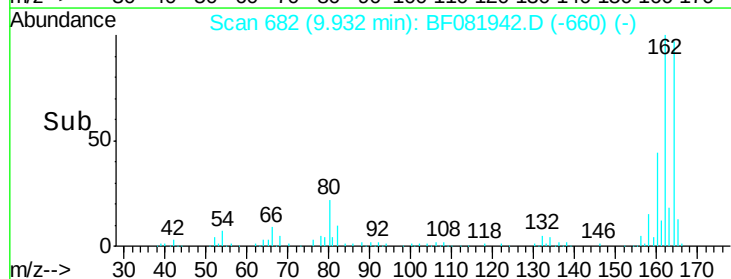
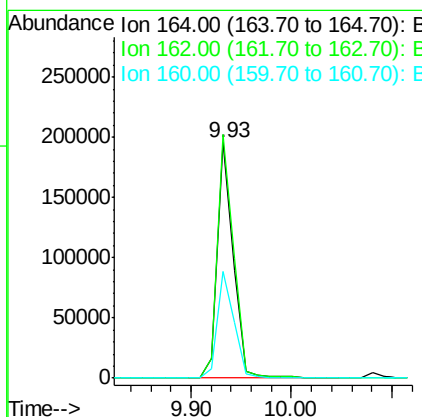
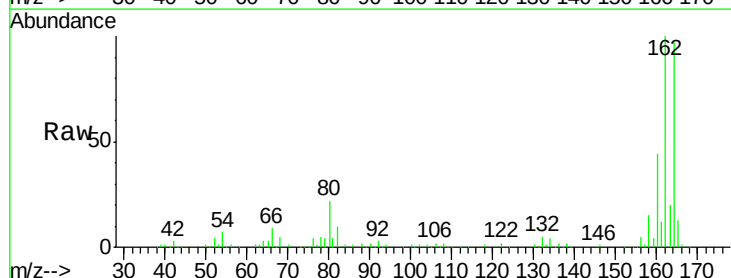
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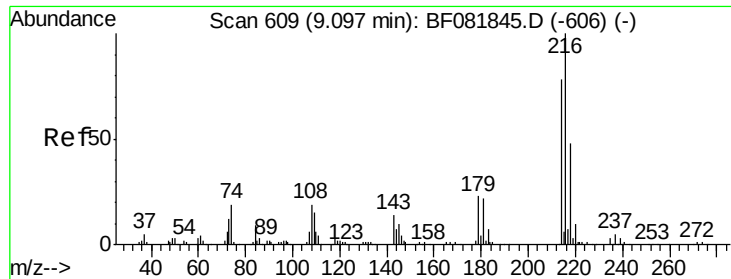
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216165		
162	103.3	75.2	112.8	
160	45.2	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.43 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF081942.D

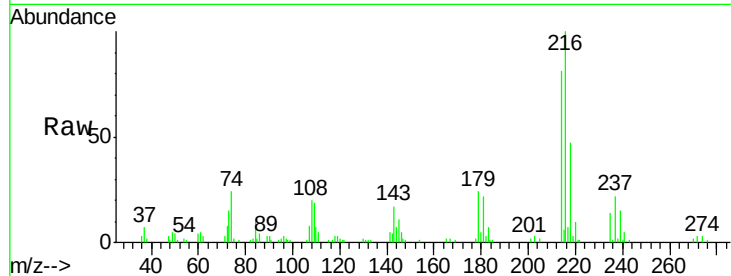
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

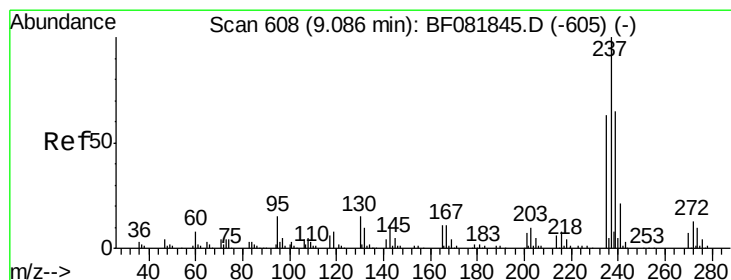
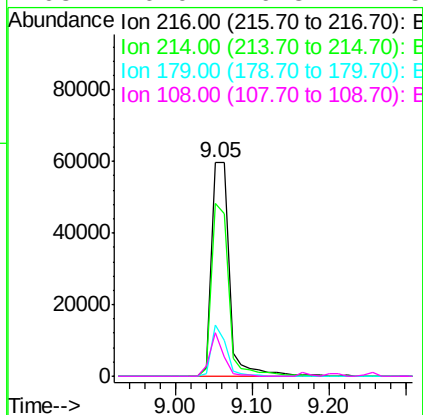
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.5	95.3
179	20.0	16.6	24.8
108	16.0	16.3	24.5#

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#40

Hexachlorocyclopentadiene

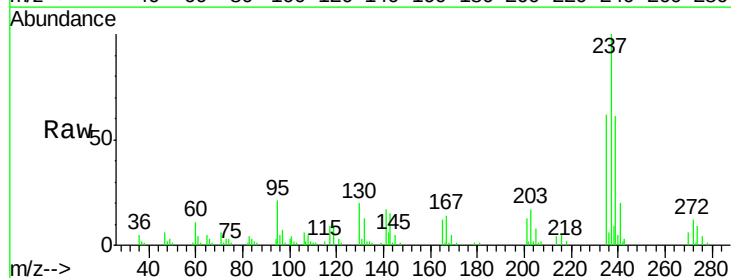
Concen: 14.33 ng

RT: 9.04 min Scan# 604

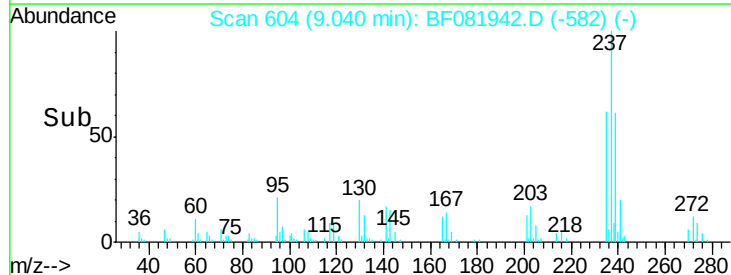
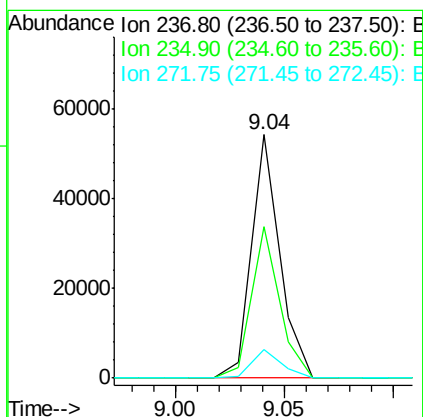
Delta R.T. -0.04 min

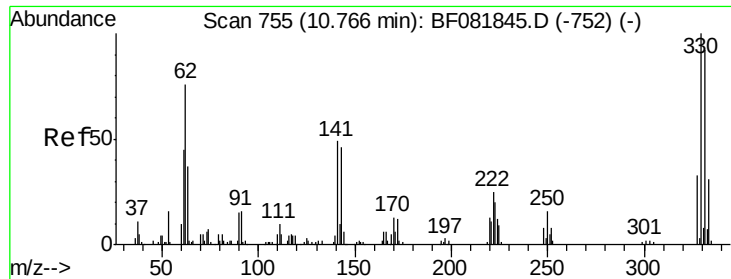
Lab File: BF081942.D

Acq: 1 Oct 2015 16:39



Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.0	82.0
272	11.8	0.0	36.1





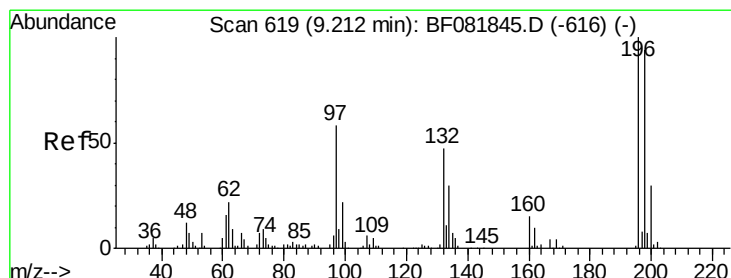
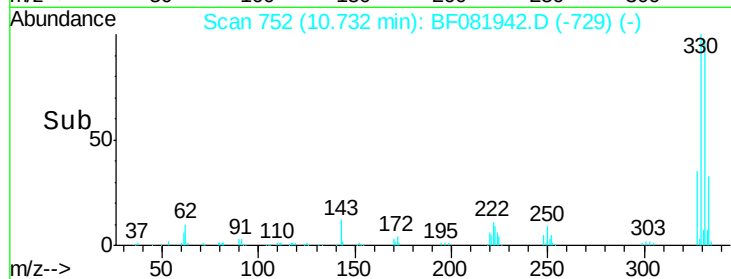
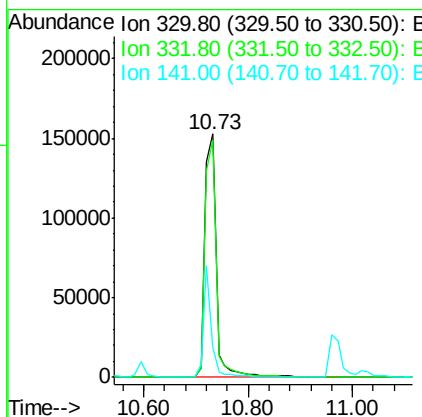
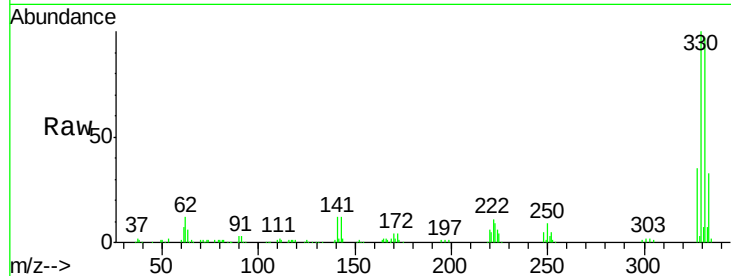
#41
 2,4,6-Tribromophenol
 Concen: 106.19 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232473		
332	96.2	76.6	114.8	
141	32.8	29.7	44.5	

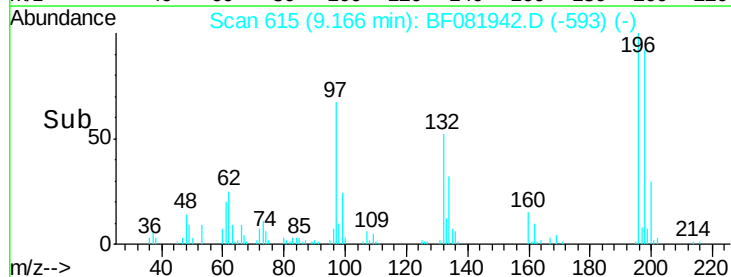
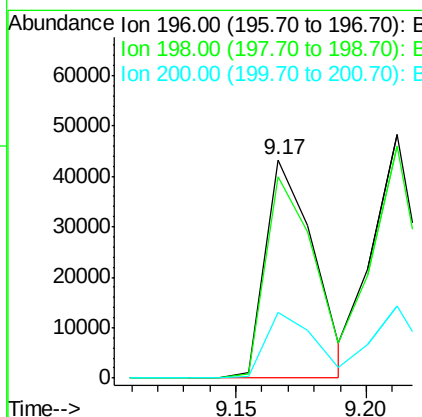
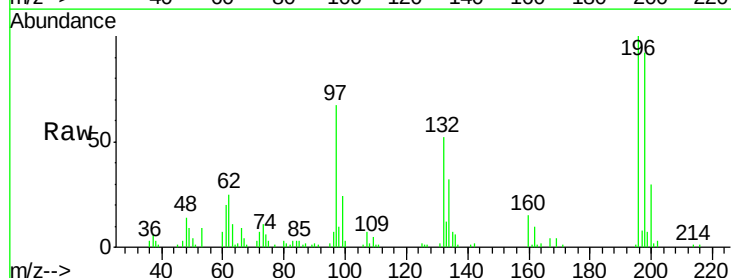
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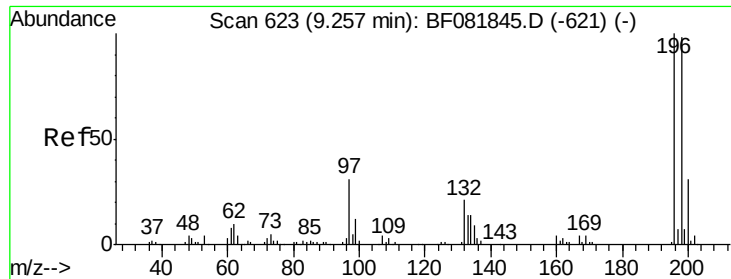
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#42
 2,4,6-Trichlorophenol
 Concen: 12.30 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55961		
198	92.1	75.7	113.5	
200	30.2	23.9	35.9	





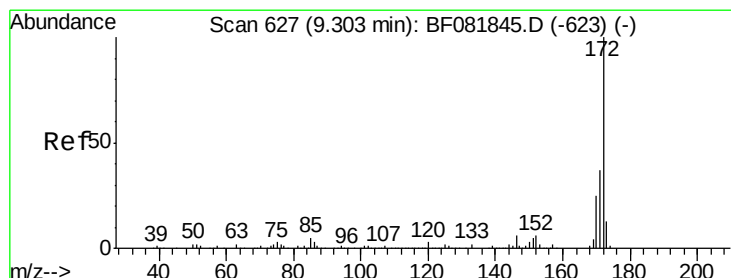
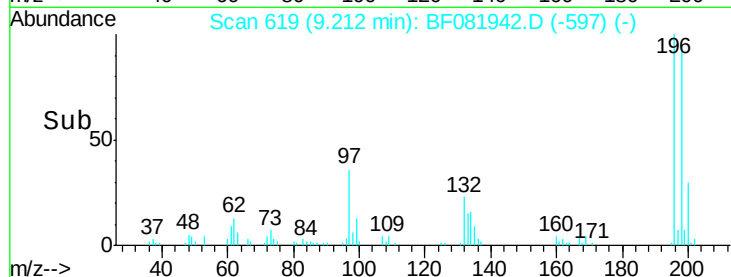
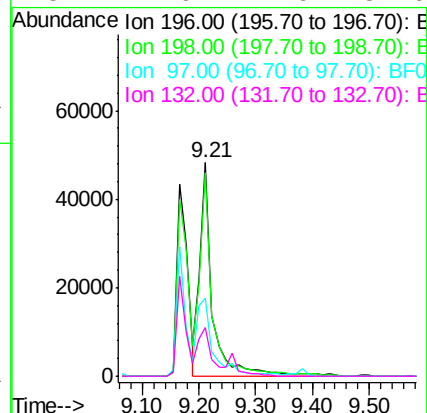
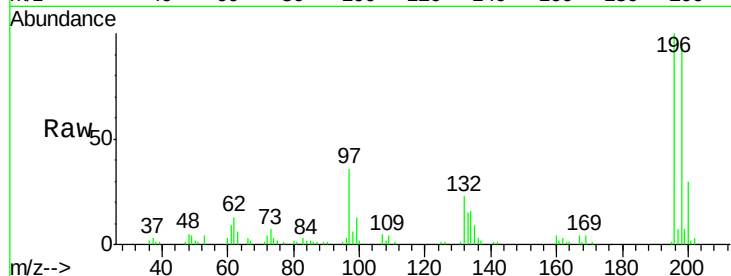
#43
 2,4,5-Trichlorophenol
 Concen: 16.28 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:	196	Resp:	76148
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.4	113.0
97	36.4	33.3	49.9
132	22.9	24.6	37.0#

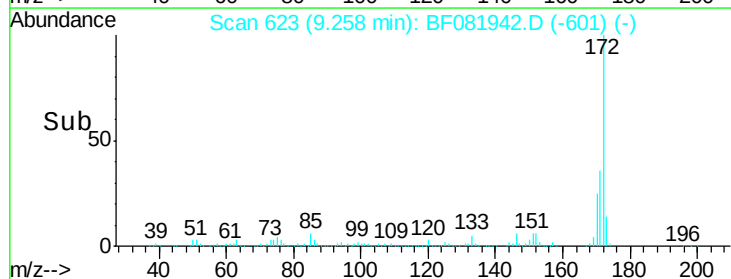
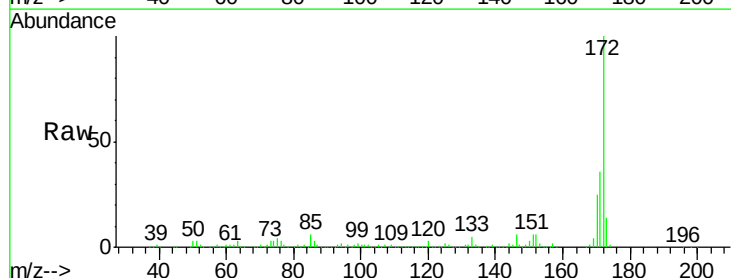
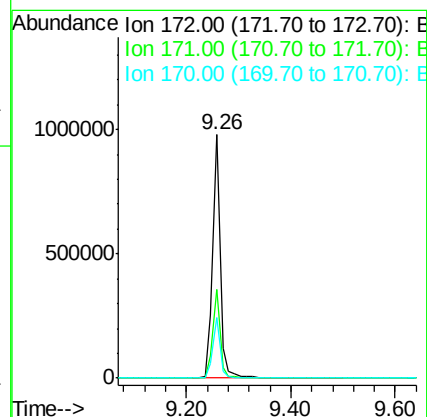
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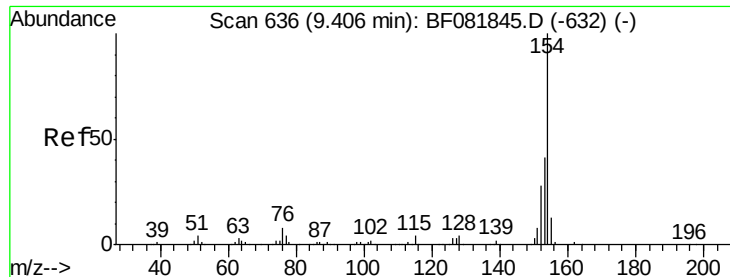
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#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion:	172	Resp:	993403
Ion Ratio	Lower	Upper	
172	100		
171	36.2	26.1	39.1
170	24.7	17.4	26.2





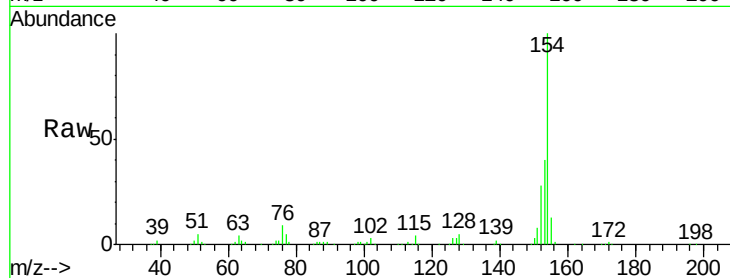
#45
 1,1'-Biphenyl
 Concen: 15.45 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
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 ClientSampleId :
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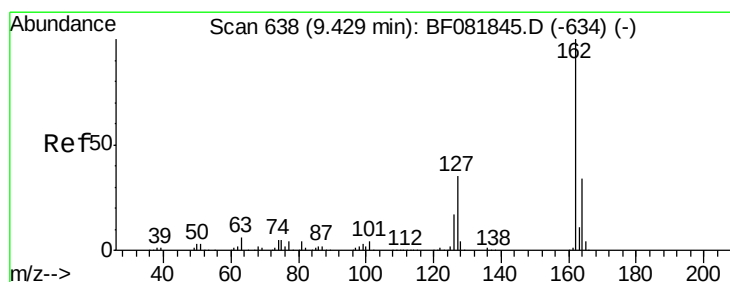
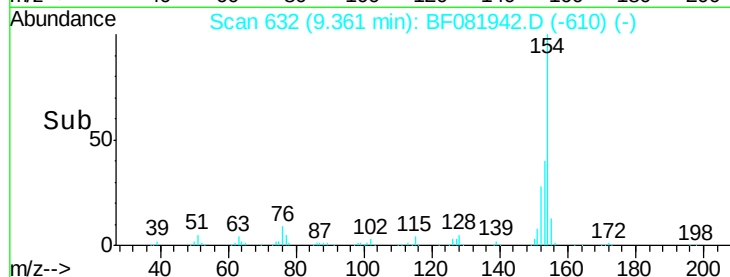
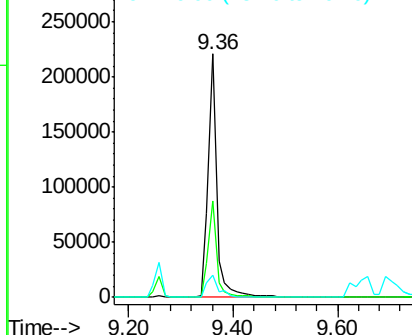
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	257654		
153	39.6	17.1	57.1	
76	9.3	0.0	31.6	

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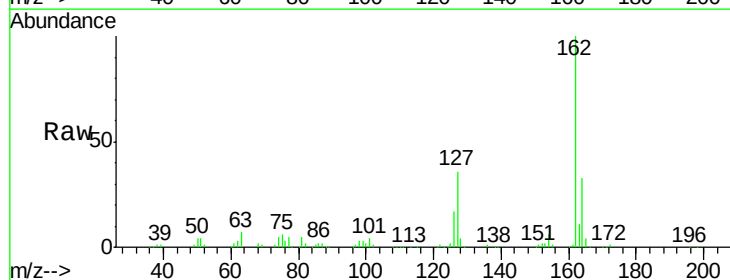


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

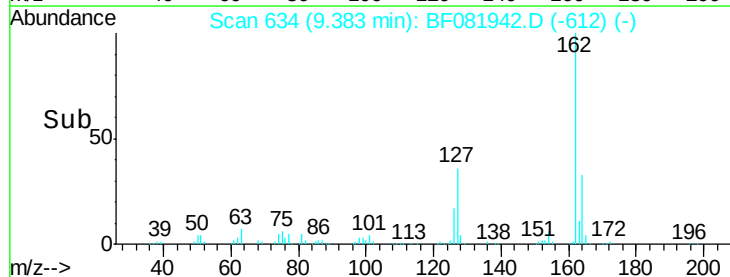
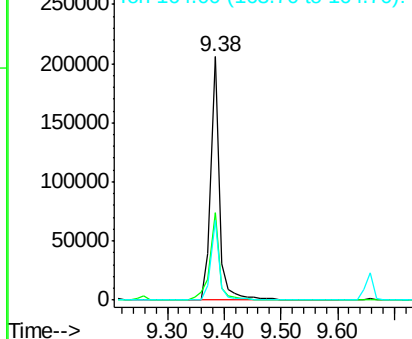


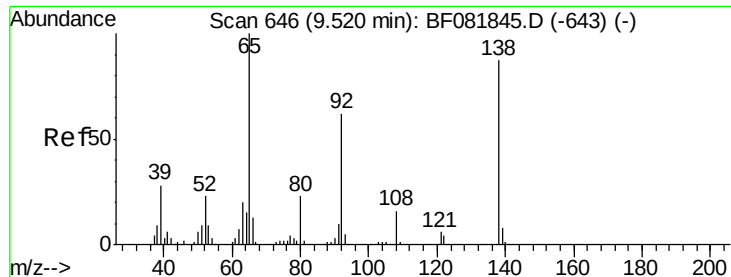
#46
 2-Chloronaphthalene
 Concen: 16.06 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	210298		
127	35.8	27.6	41.4	
164	32.9	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: 13.48 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF081942.D

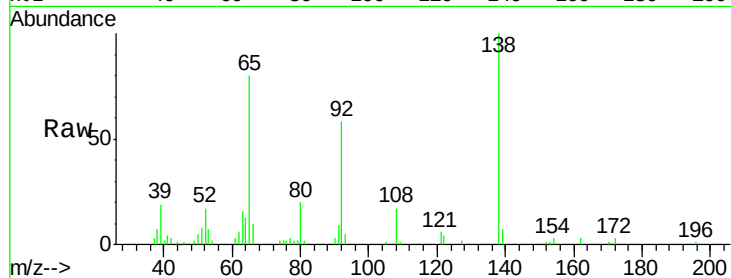
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

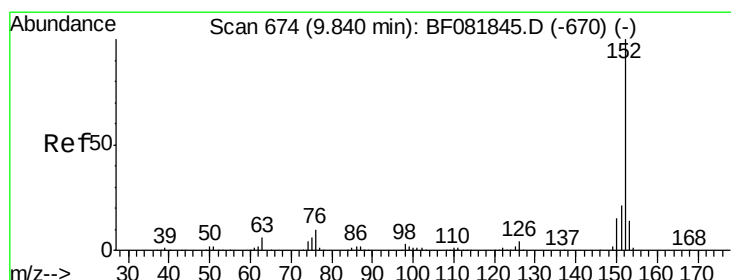
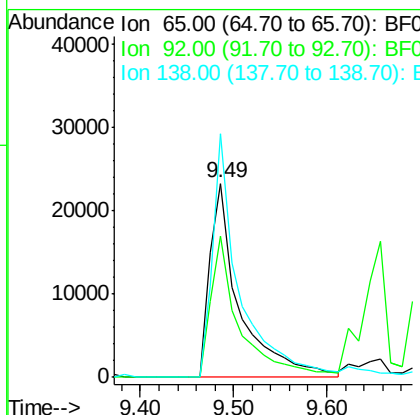
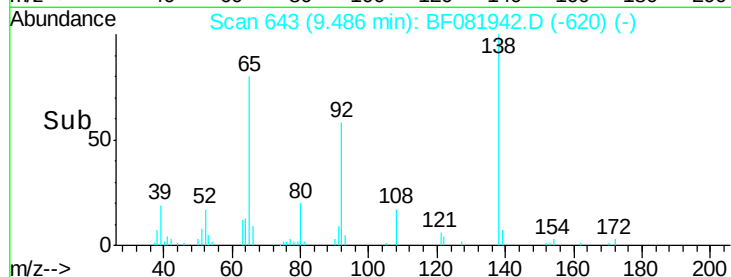
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	55.4	83.0
138	125.7	115.5	173.3

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#48

Acenaphthylene

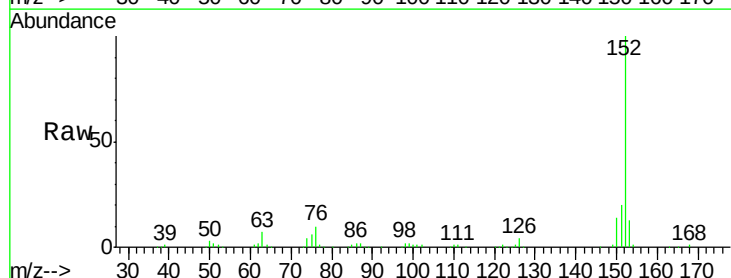
Concen: 15.37 ng

RT: 9.79 min Scan# 670

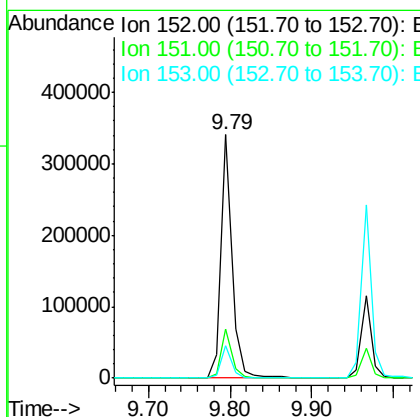
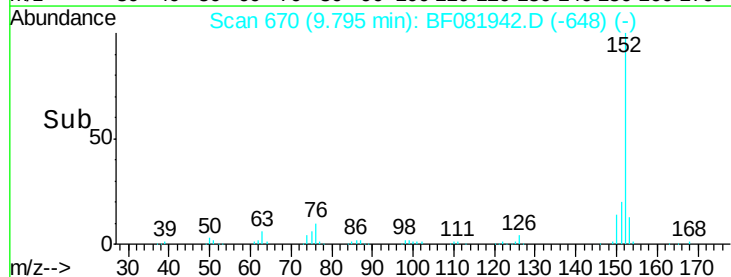
Delta R.T. -0.05 min

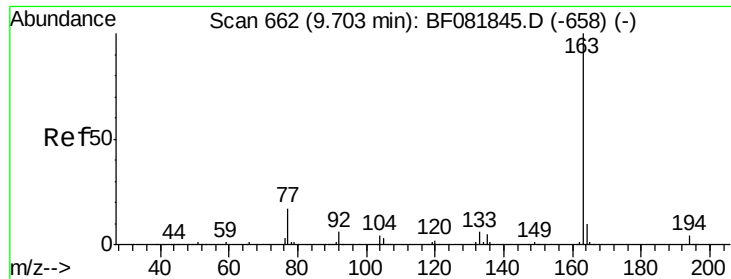
Lab File: BF081942.D

Acq: 1 Oct 2015 16:39



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.2	10.3	15.5





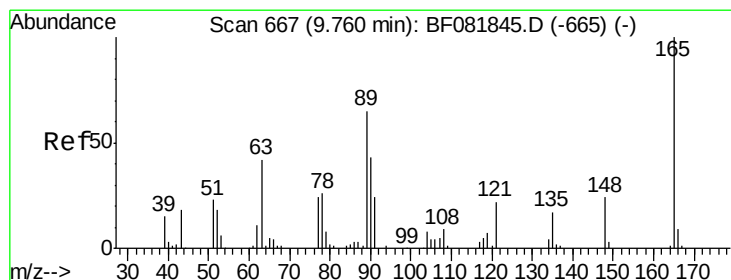
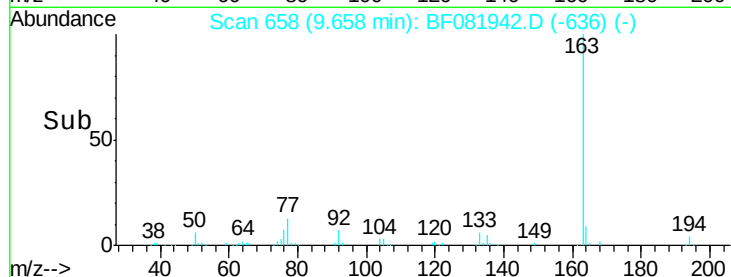
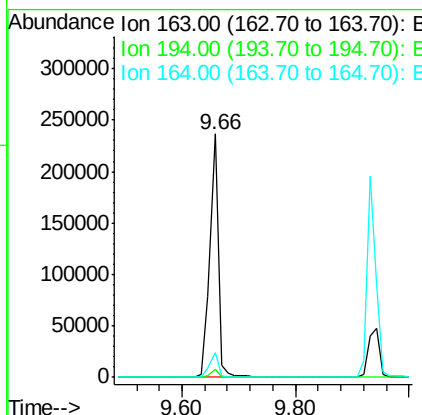
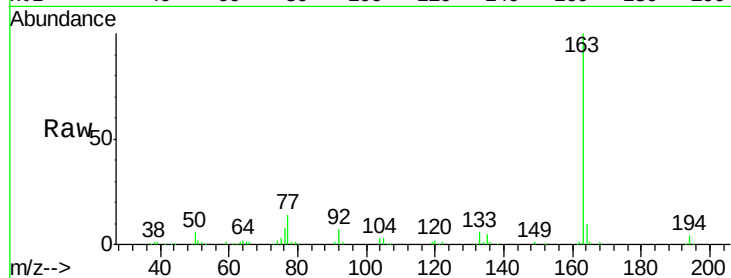
#49
Dimethylphthalate
Concen: 15.84 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.9	8.3	12.5

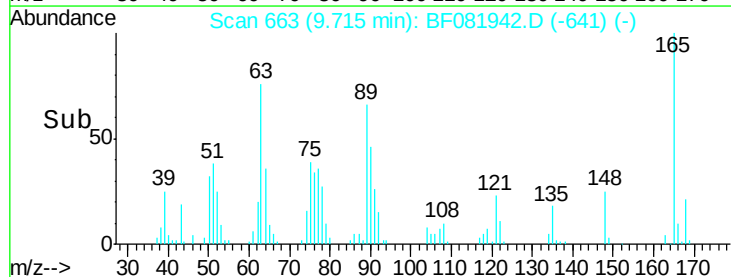
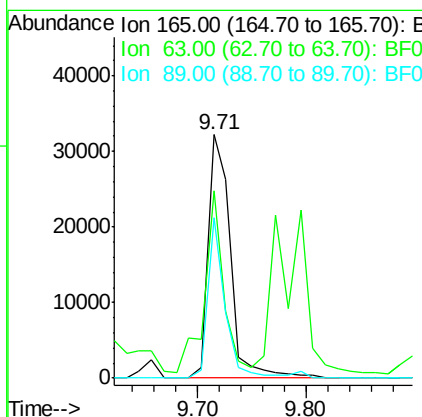
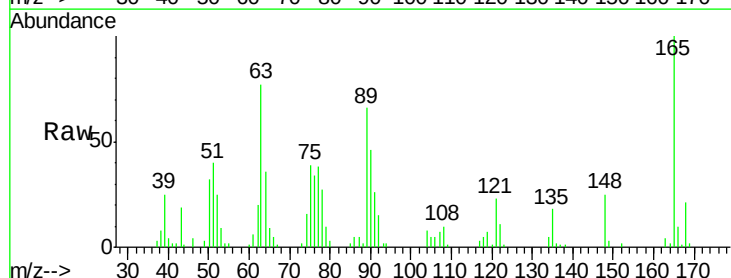
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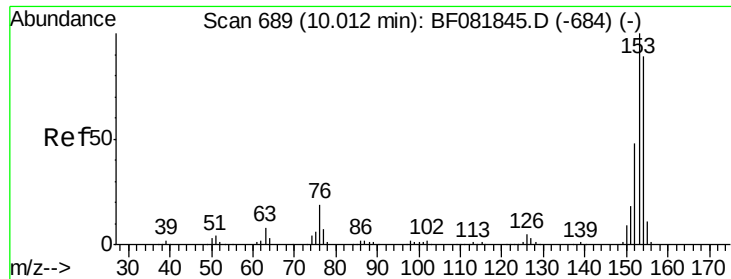
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#50
2,6-Dinitrotoluene
Concen: 14.32 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	77.2	32.3	48.5#
89	66.1	28.6	43.0#





#51

Acenaphthene

Concen: 15.69 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081942.D

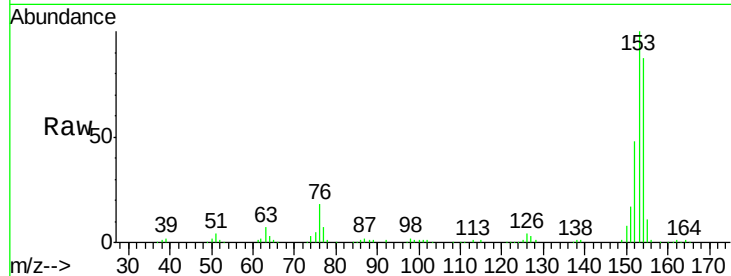
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

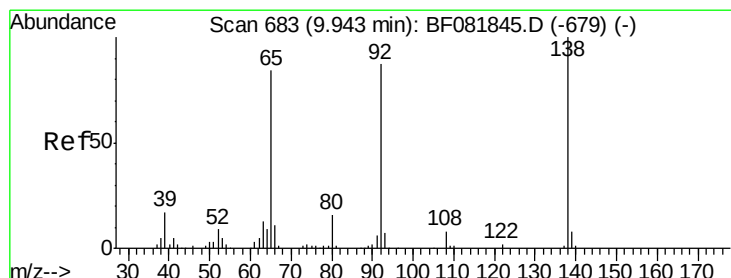
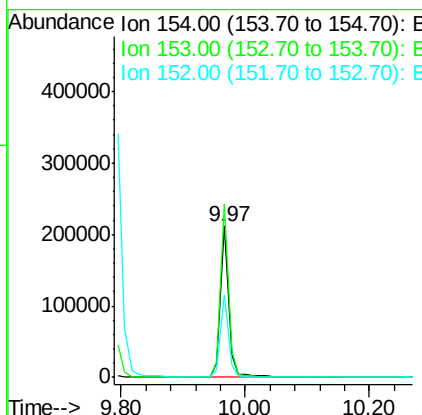
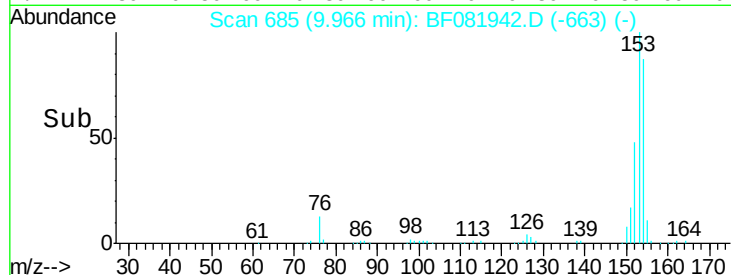
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	195323		
153	114.5	82.1	123.1	
152	54.9	37.9	56.9	

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#52

3-Nitroaniline

Concen: 10.60 ng

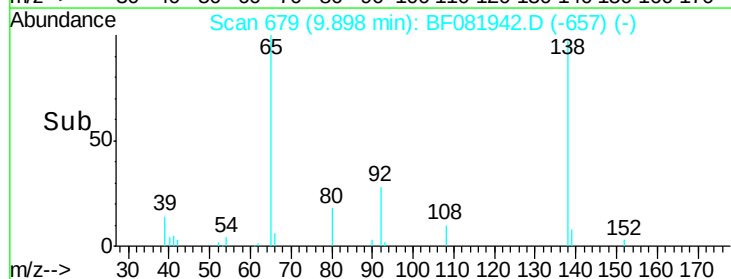
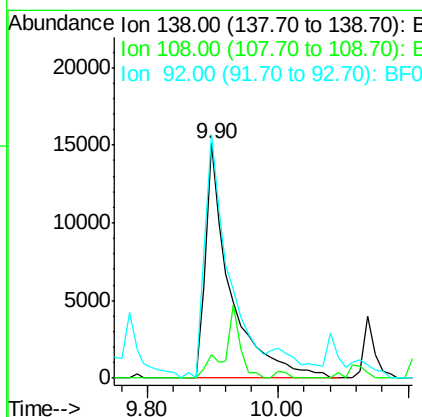
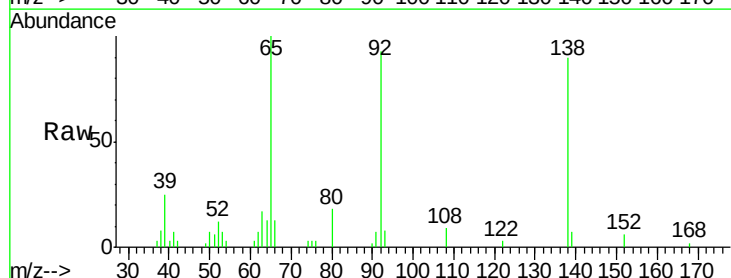
RT: 9.90 min Scan# 679

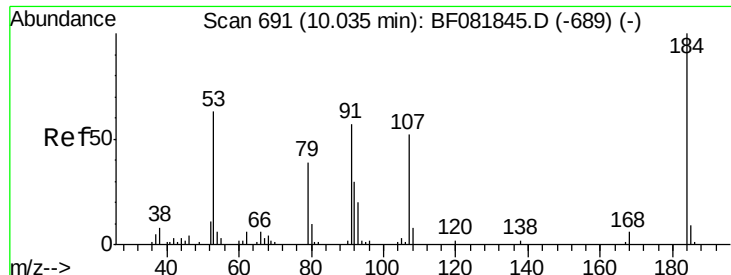
Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	39733		
108	9.8	5.7	8.5#	
92	103.8	67.7	101.5#	





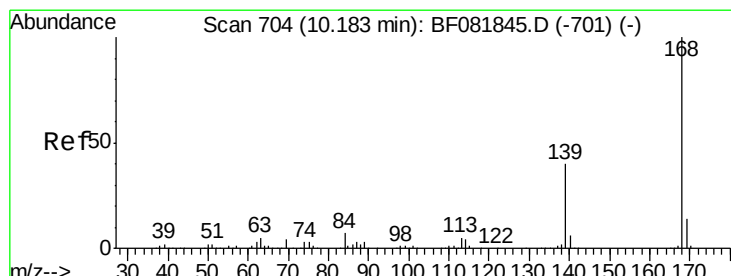
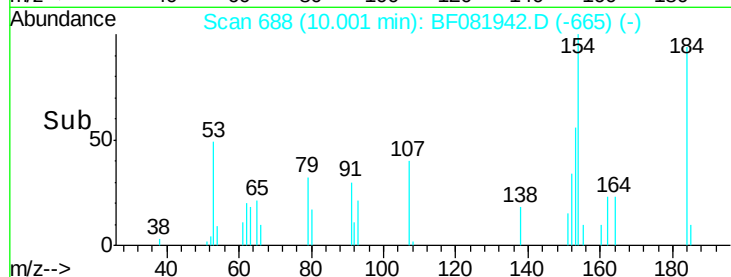
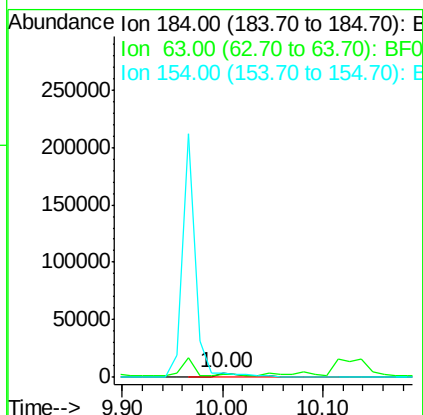
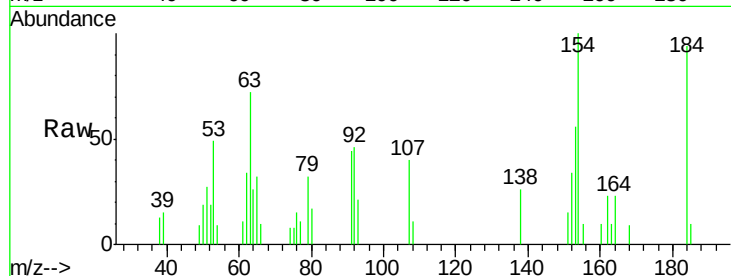
#53
2,4-Dinitrophenol
Concen: 13.15 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:184 Resp: 9763
Ion Ratio Lower Upper
184 100
63 76.5 35.4 53.2#
154 106.9 32.2 48.4#

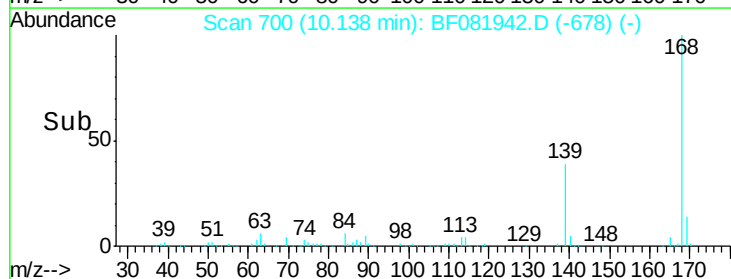
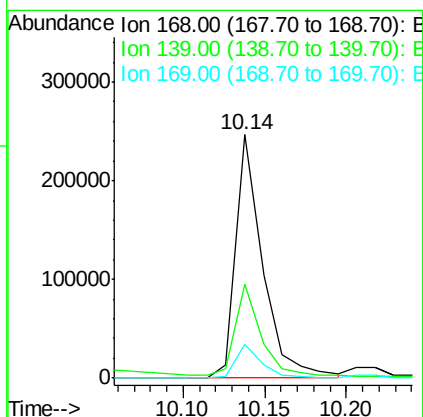
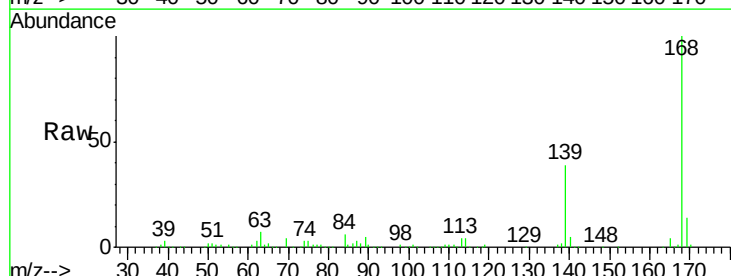
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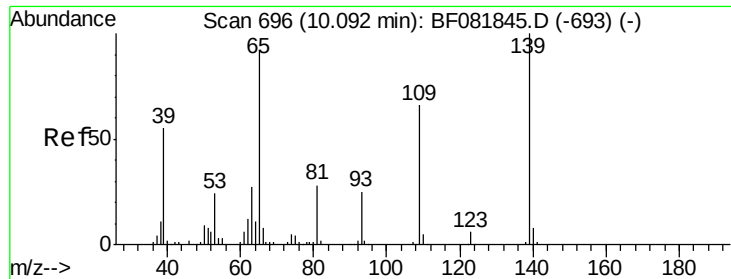
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#54
Dibenzofuran
Concen: 16.05 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion:168 Resp: 282253
Ion Ratio Lower Upper
168 100
139 38.8 24.2 36.2#
169 13.6 10.6 15.8





#55

4-Nitrophenol

Concen: 10.09 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

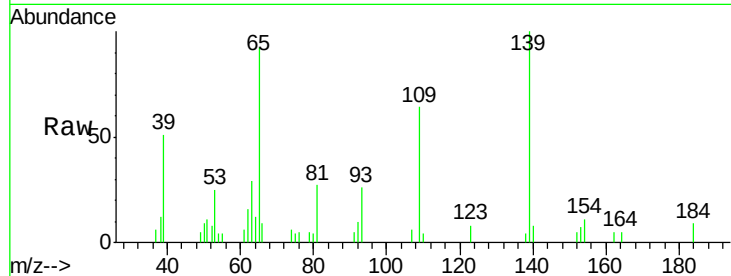
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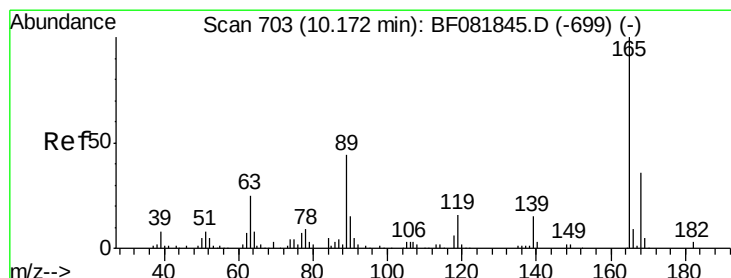
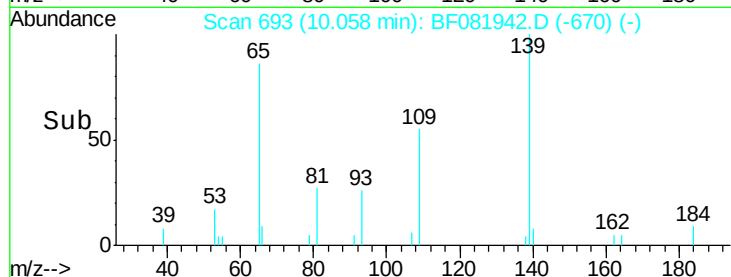
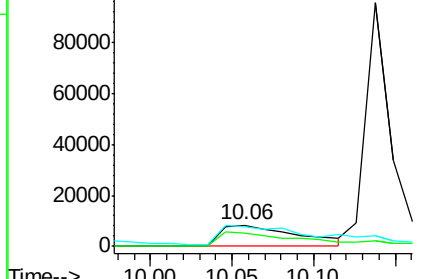
Tgt Ion:	139	Resp:	27328
Ion Ratio	Lower	Upper	
139	100		
109	64.3	12.7	52.7#
65	91.8	45.9	85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 15.67 ng

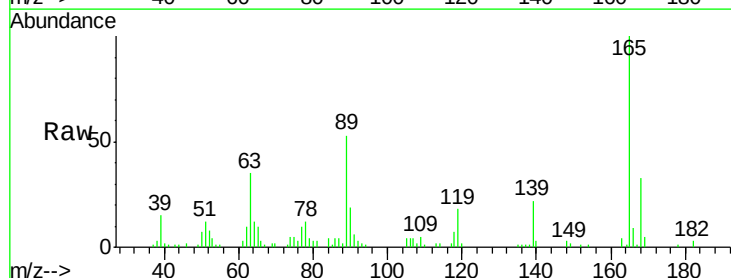
RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion:	165	Resp:	64695
Ion Ratio	Lower	Upper	
165	100		
63	34.9	29.8	44.6
89	53.3	44.5	66.7
182	2.7	3.0	4.4#

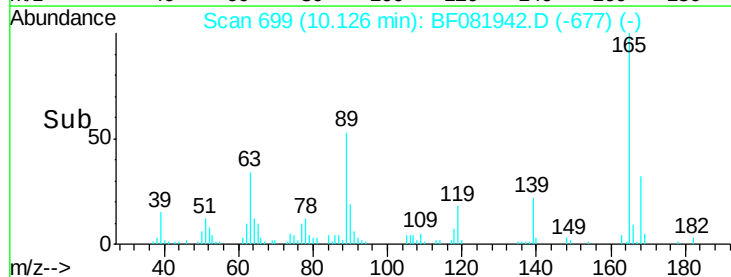
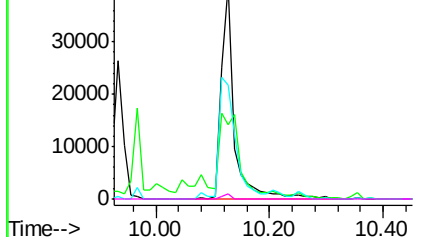


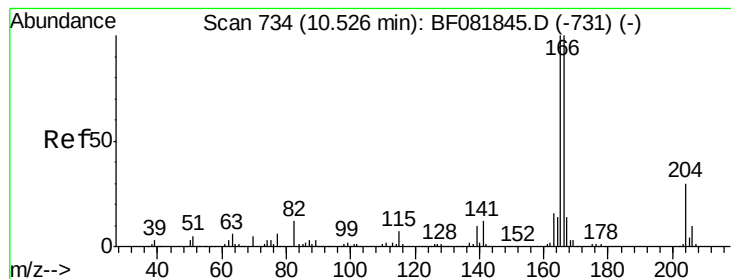
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 16.96 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

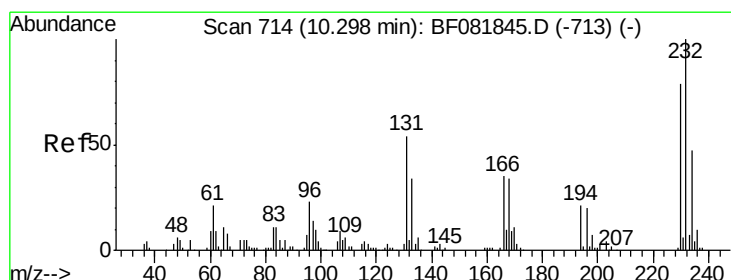
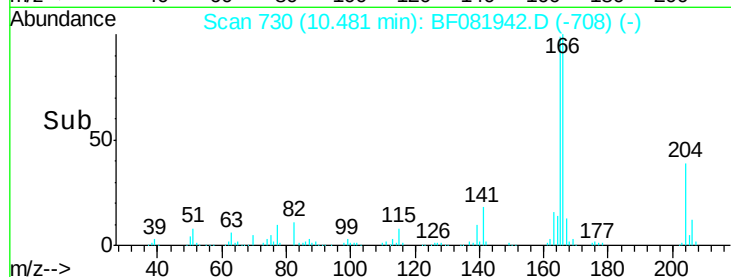
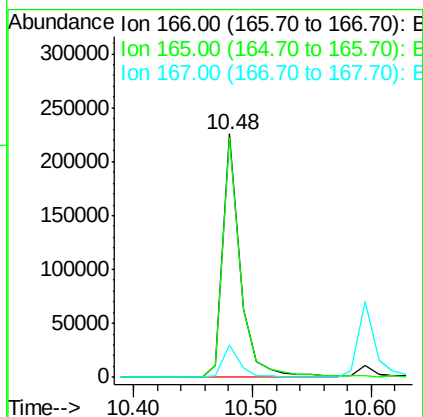
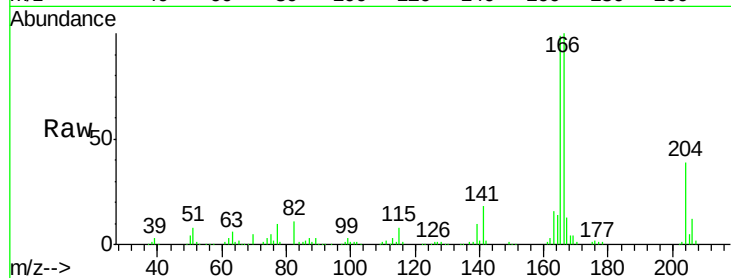
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	230124		
165	98.6	72.6	109.0	
167	13.2	10.6	16.0	



#58

2,3,4,6-Tetrachlorophenol

Concen: 16.12 ng

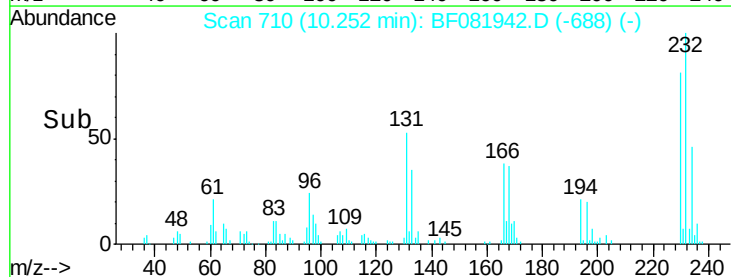
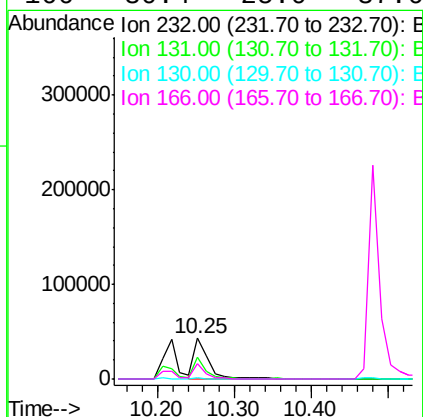
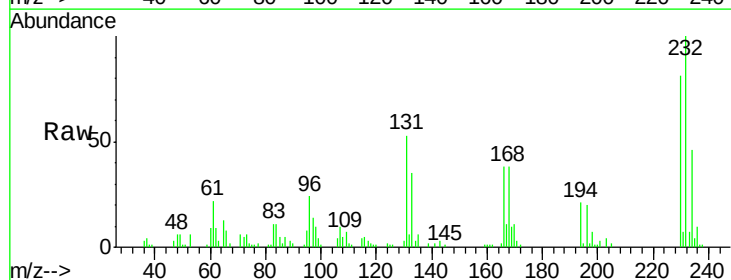
RT: 10.25 min Scan# 710

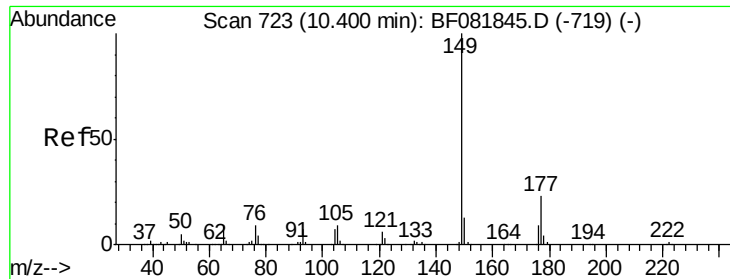
Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59818		
131	41.2	38.5	57.7	
130	1.8	1.8	2.6	
166	30.4	25.0	37.6	





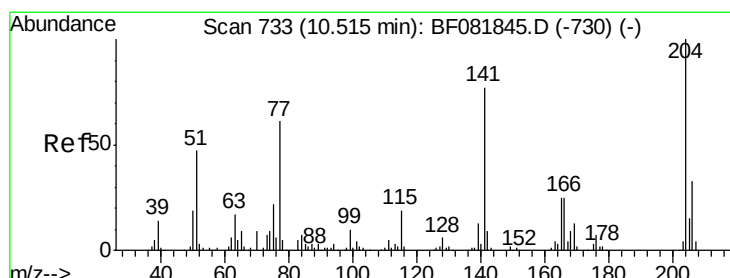
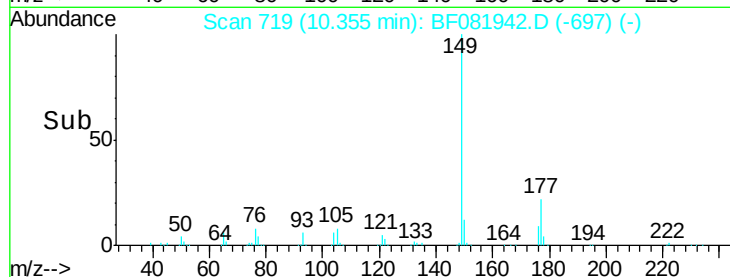
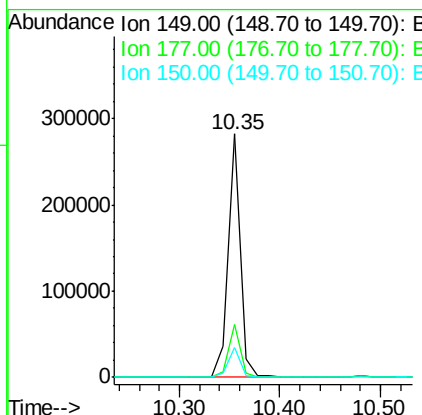
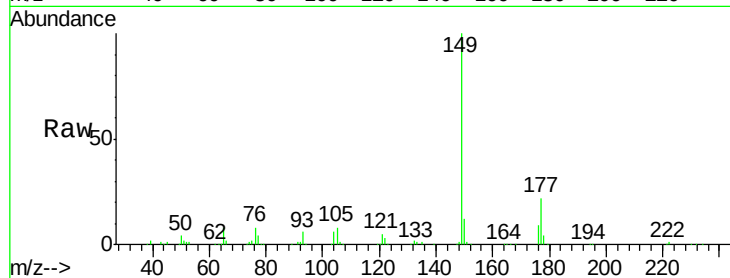
#59
Diethylphthalate
Concen: 17.09 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	238240		
177	22.0	17.5	26.3	
150	12.4	9.4	14.2	

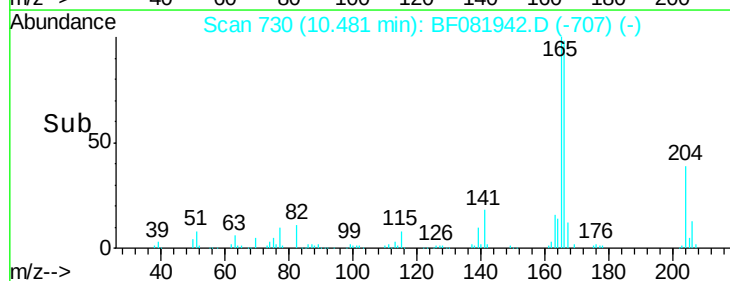
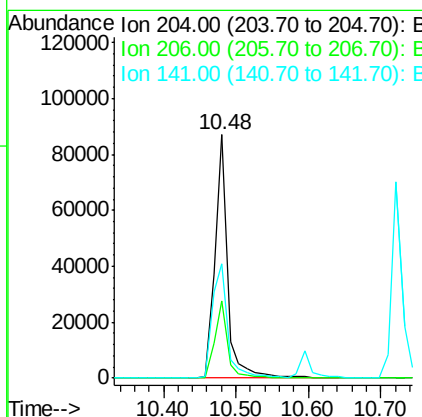
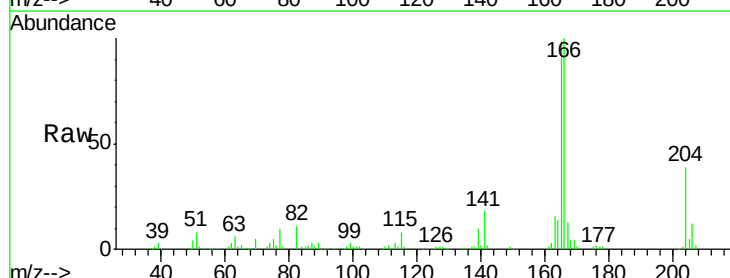
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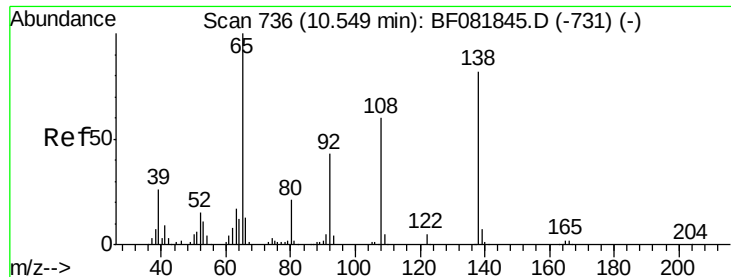
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 16.40 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	105621		
206	31.9	24.8	37.2	
141	47.2	42.2	63.4	





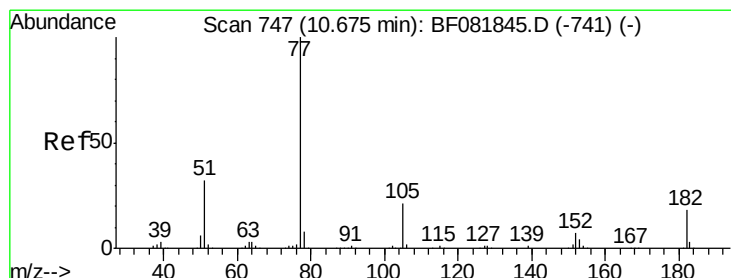
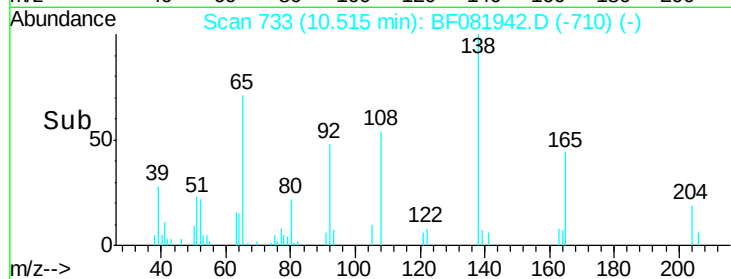
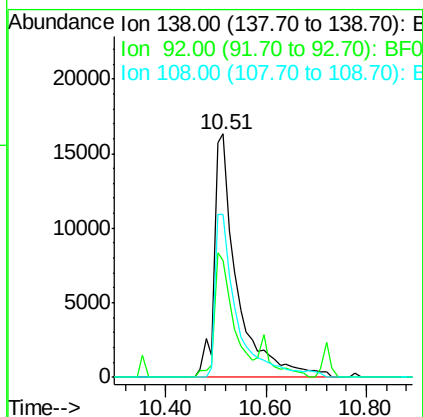
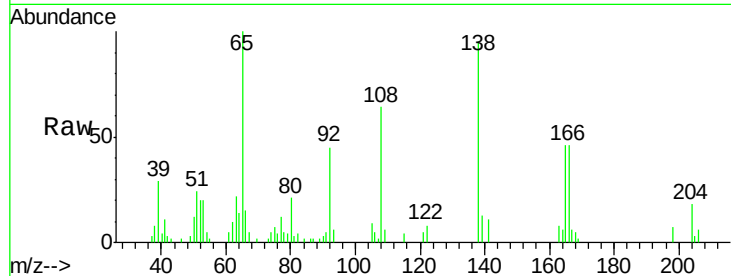
#61
4-Nitroaniline
Concen: 13.68 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:138 Resp: 51424
Ion Ratio Lower Upper
138 100
92 47.8 12.6 52.6
108 67.1 12.4 52.4#

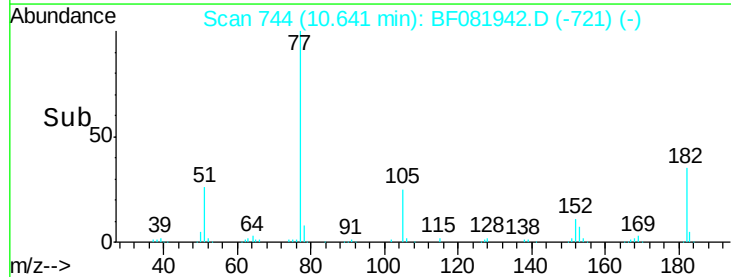
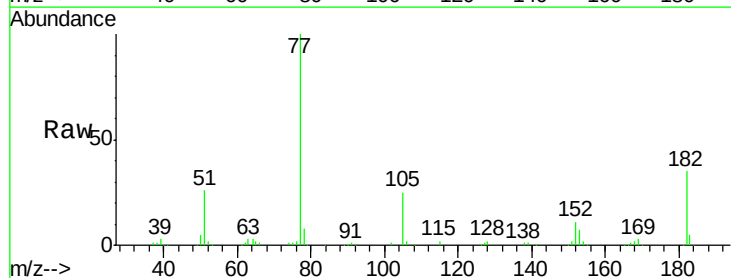
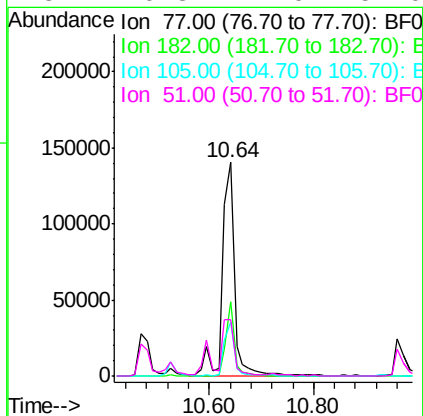
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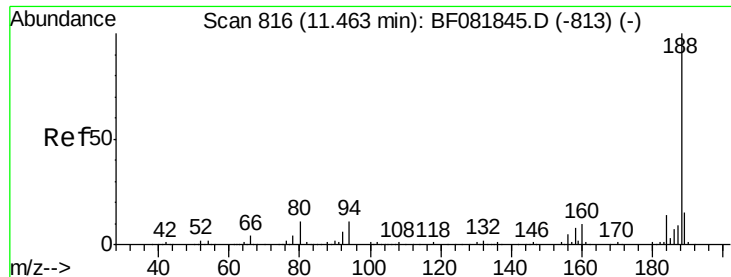
apatel
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#62
Azobenzene
Concen: 16.60 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion: 77 Resp: 225773
Ion Ratio Lower Upper
77 100
182 34.5 15.1 55.1
105 25.4 3.4 43.4
51 26.3 12.0 52.0





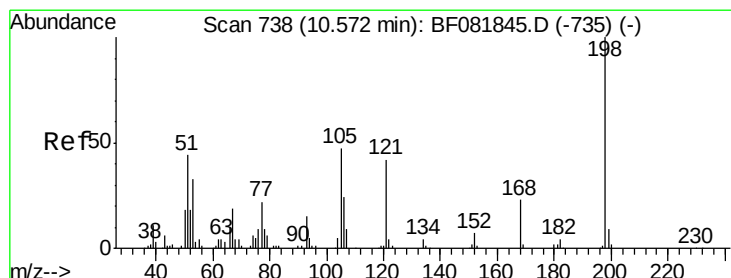
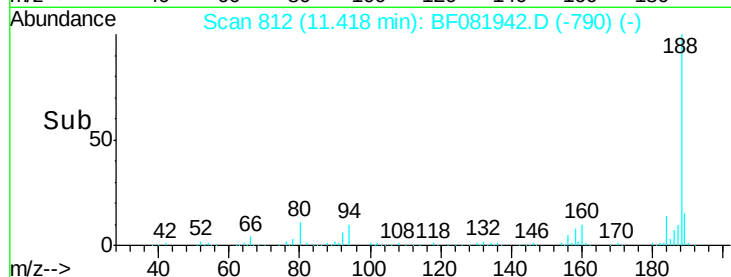
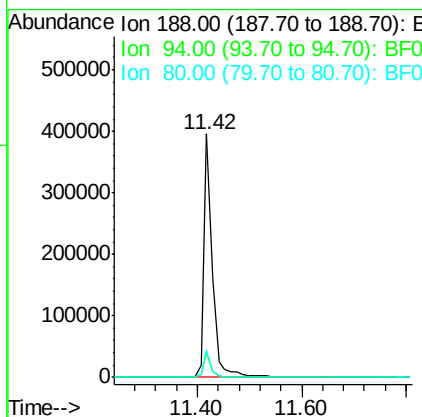
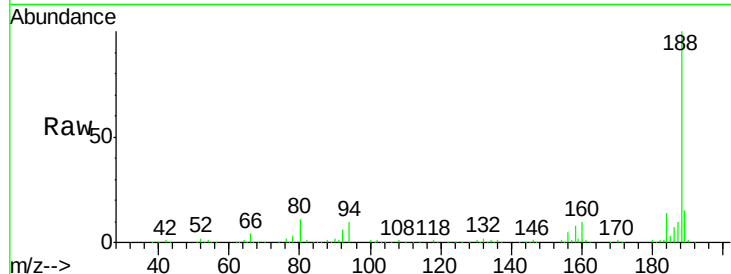
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	451222		
94	10.0	11.1	16.7#	
80	11.0	11.0	16.4	

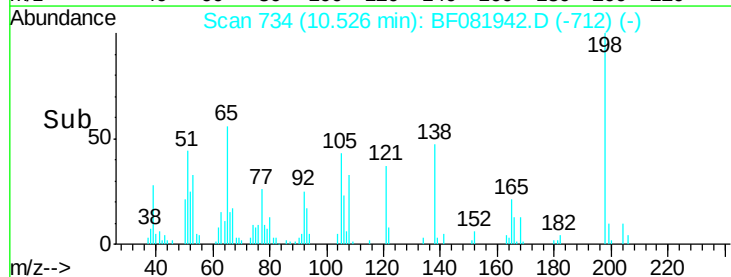
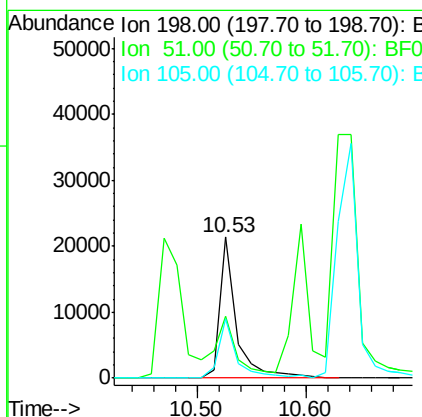
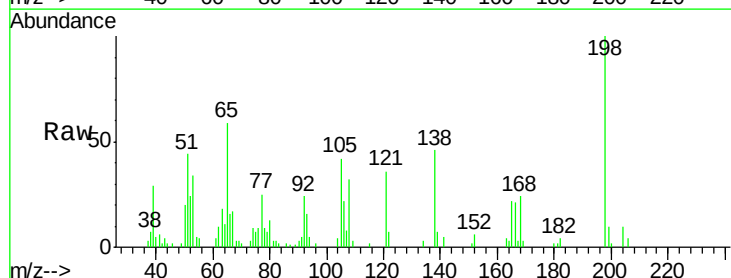
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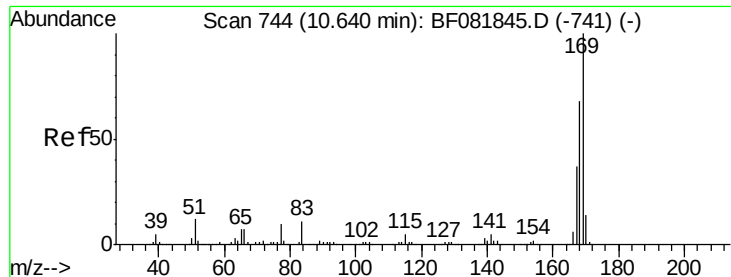
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#64
4,6-Dinitro-2-methylphenol
Concen: 13.89 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.04 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22672		
51	43.6	39.6	79.6	
105	42.4	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 14.68 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF081942.D

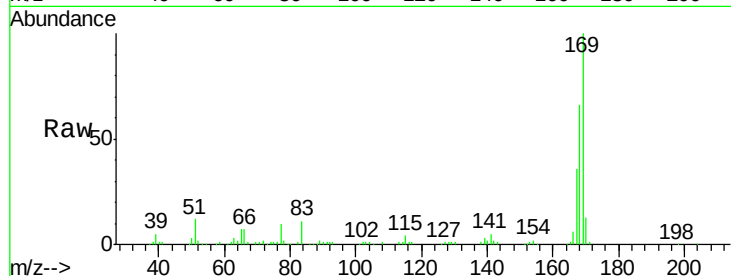
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

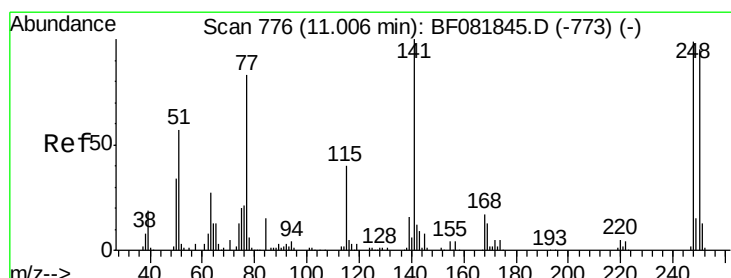
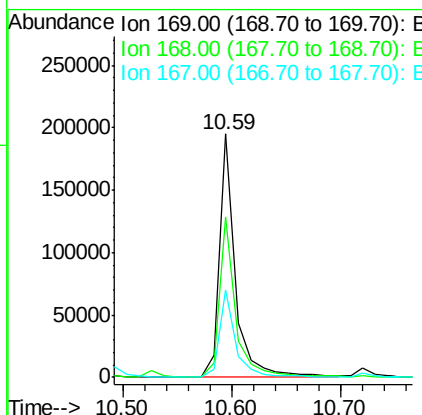
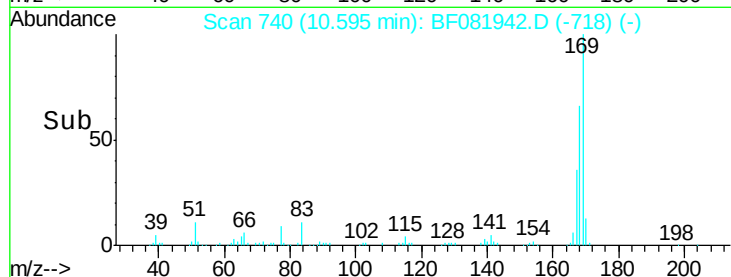
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Tgt Ion:	169	Resp:	200441
Ion Ratio	Lower	Upper	
169	100		
168	66.0	48.9	73.3
167	35.9	26.2	39.4

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#66

4-Bromophenyl-phenylether

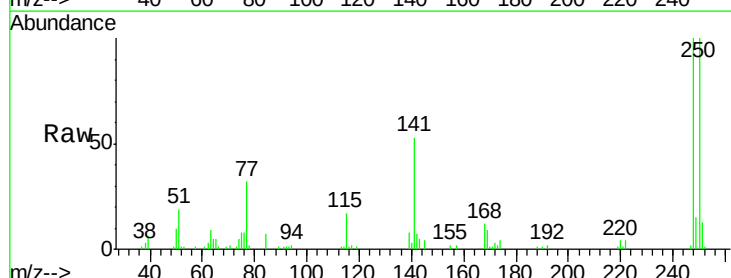
Concen: 14.51 ng

RT: 10.97 min Scan# 773

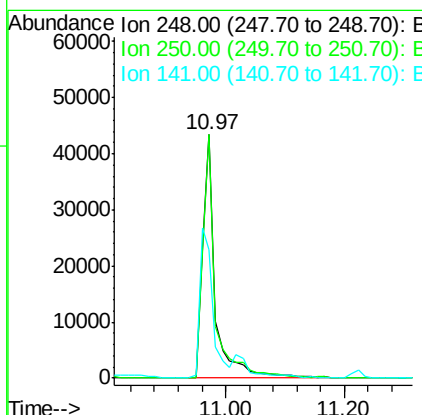
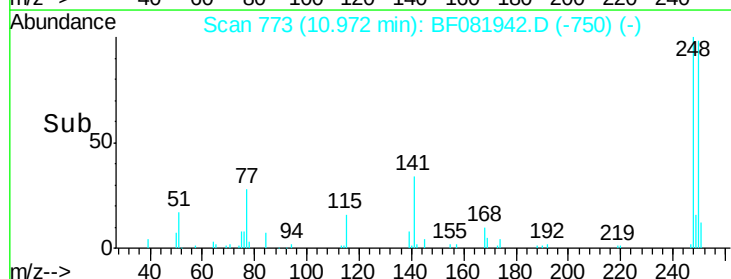
Delta R.T. -0.03 min

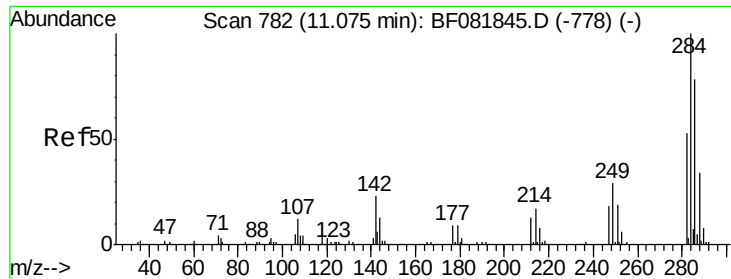
Lab File: BF081942.D

Acq: 1 Oct 2015 16:39



Tgt Ion:	248	Resp:	66035
Ion Ratio	Lower	Upper	
248	100		
250	100.0	78.5	117.7
141	52.7	59.0	88.6#





#67

Hexachlorobenzene

Concen: 13.62 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081942.D

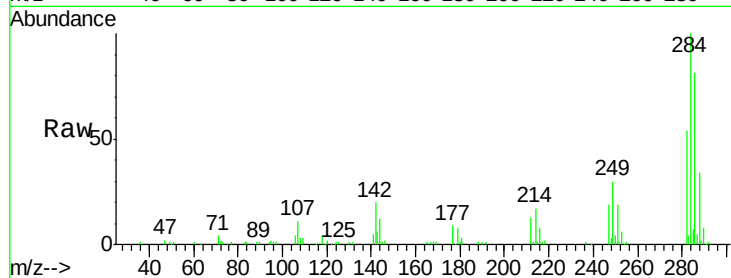
Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

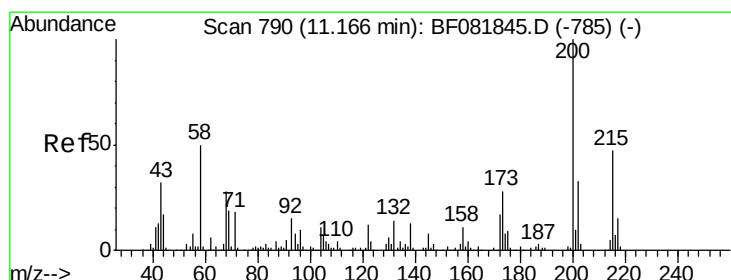
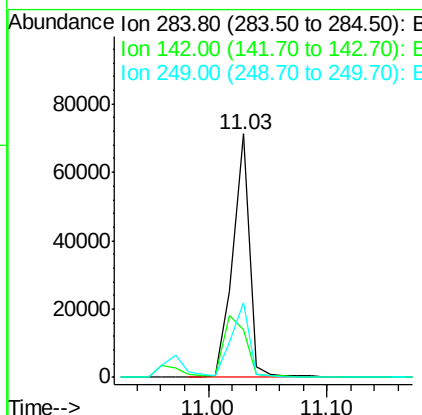
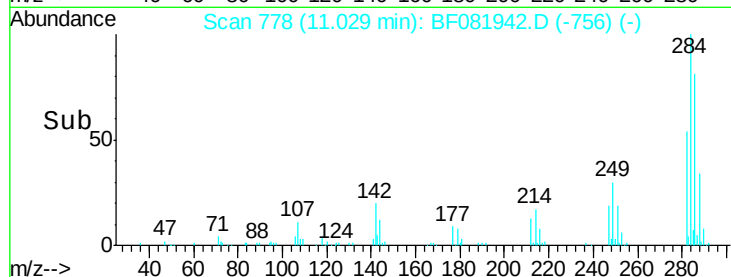
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Tgt Ion:	284	Resp:	69929
Ion Ratio	Lower	Upper	
284	100		
142	19.8	29.5	44.3#
249	30.4	19.5	29.3#

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#68

Atrazine

Concen: 15.18 ng

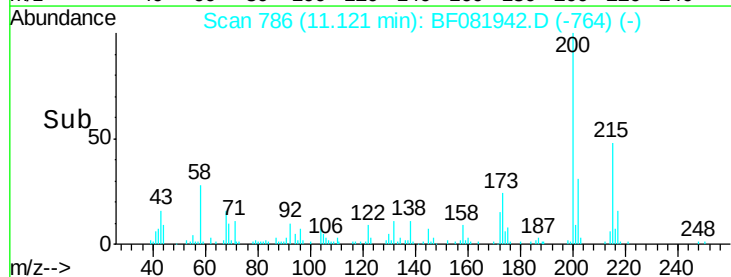
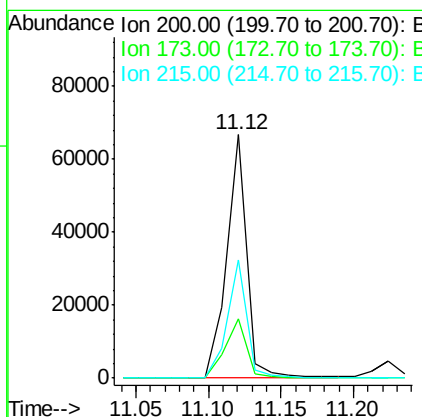
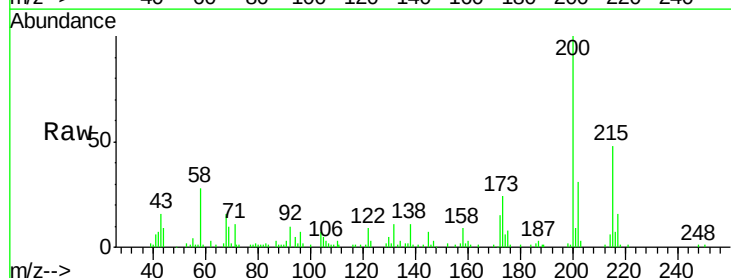
RT: 11.12 min Scan# 786

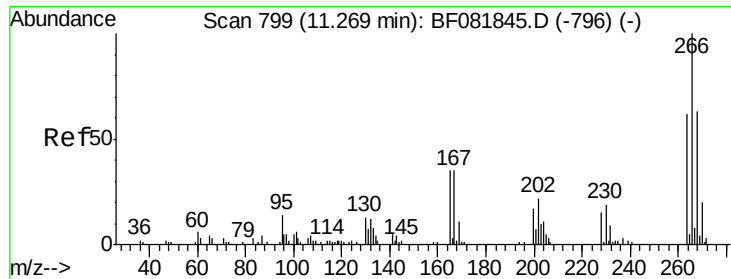
Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion:	200	Resp:	64307
Ion Ratio	Lower	Upper	
200	100		
173	24.4	13.2	53.2
215	48.3	41.8	81.8





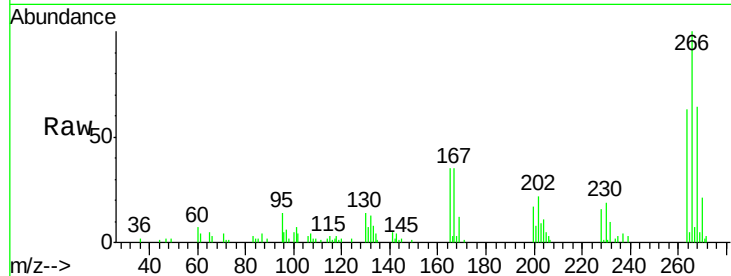
#69
 Pentachlorophenol
 Concen: 10.87 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

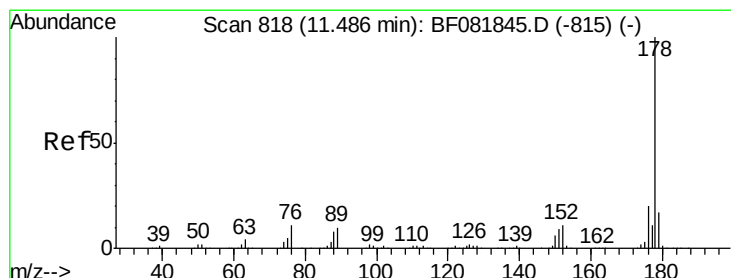
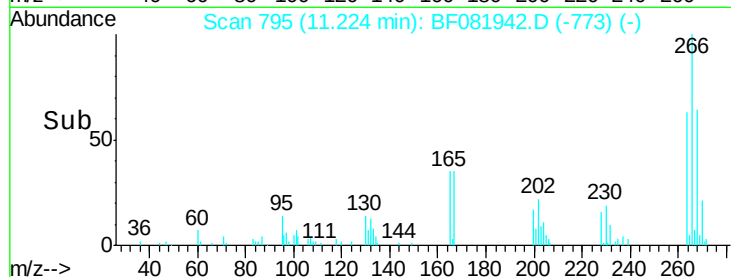
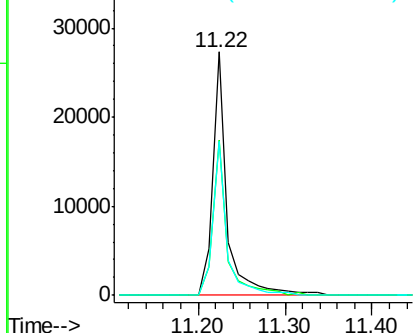
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	31792		
268	63.9	49.8	74.6	
264	63.1	50.2	75.2	

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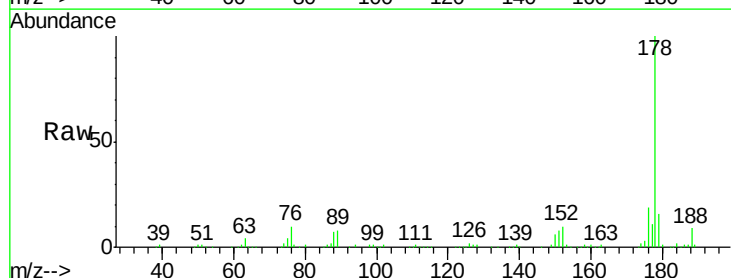


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

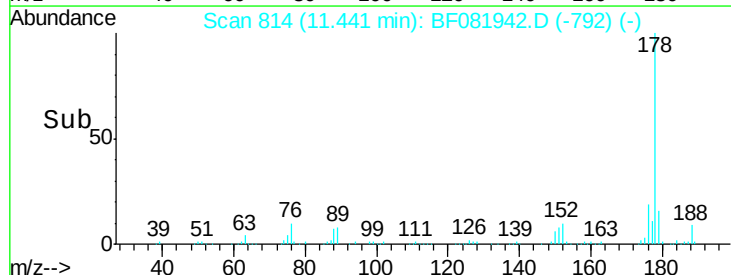
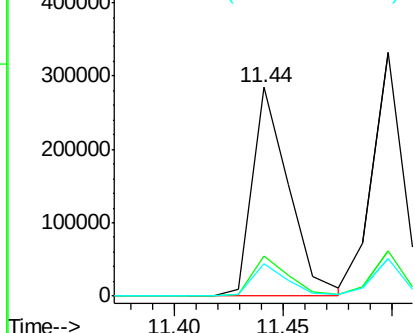


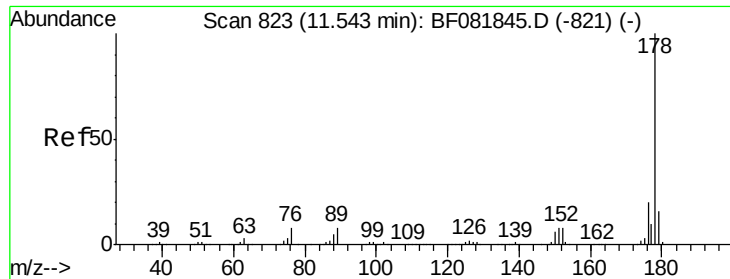
#70
 Phenanthrene
 Concen: 14.08 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	330536		
176	19.1	13.8	20.8	
179	15.5	12.2	18.2	



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





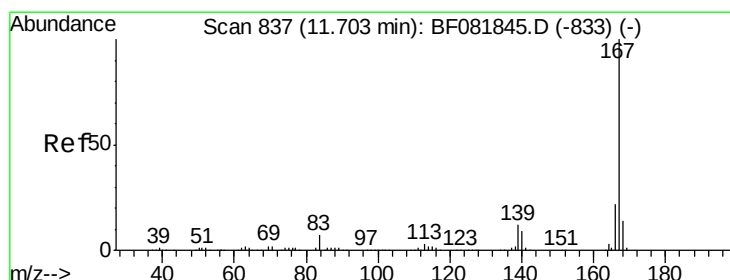
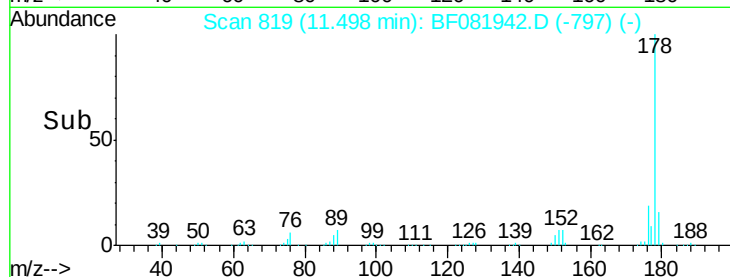
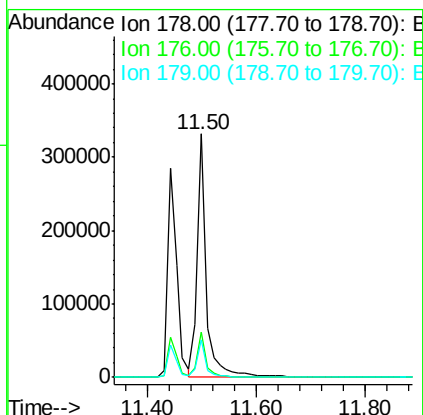
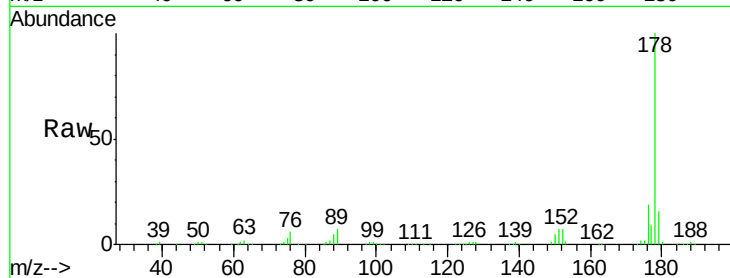
#71
 Anthracene
 Concen: 16.64 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	15.5	12.2	18.2

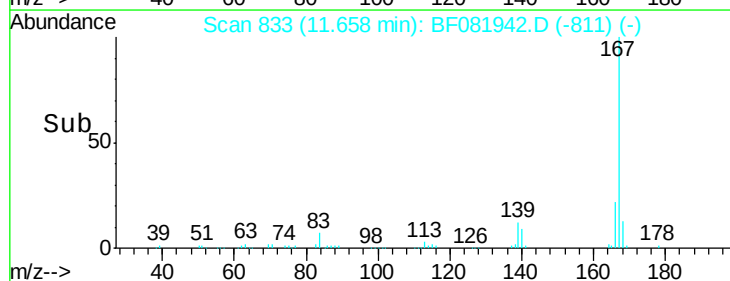
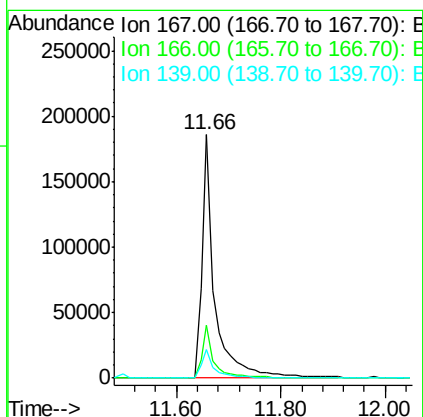
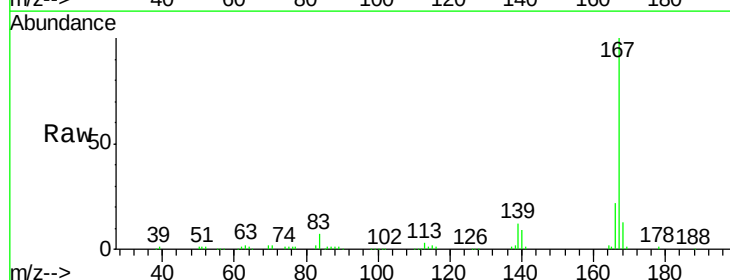
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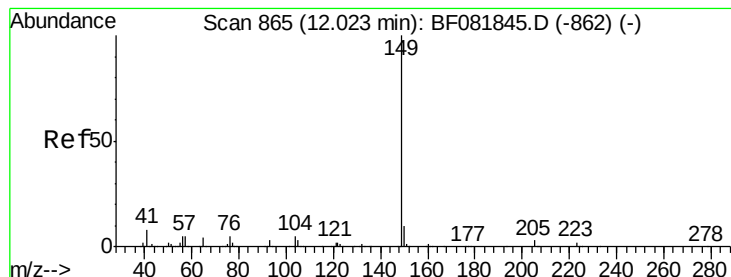
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#72
 Carbazole
 Concen: 15.23 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	11.8	9.5	14.3





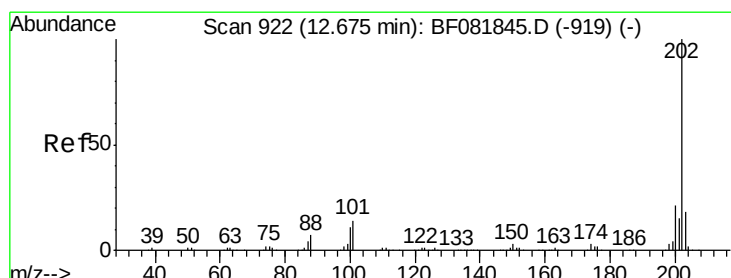
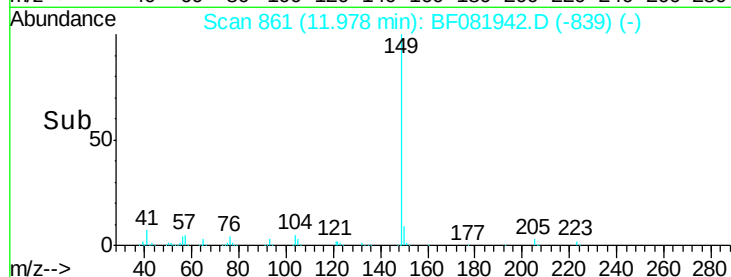
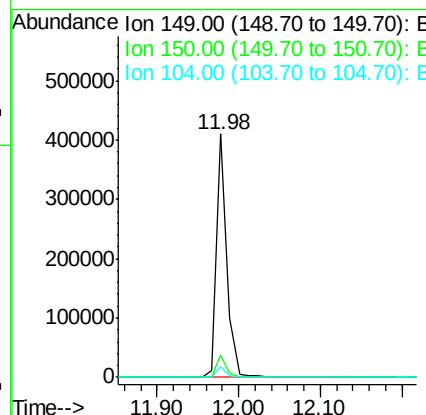
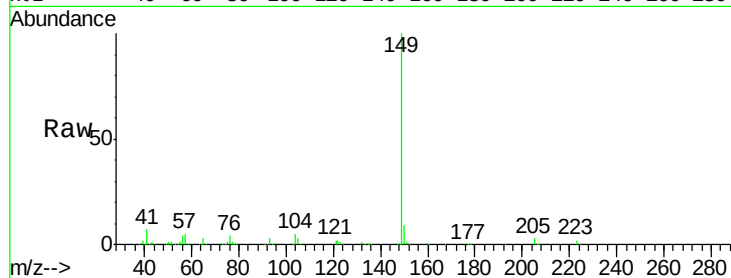
#73
Di-n-butylphthalate
Concen: 16.57 ng
RT: 11.98 min Scan# 861
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	368268		
150	9.3	7.4	11.2	
104	4.6	2.4	3.6#	

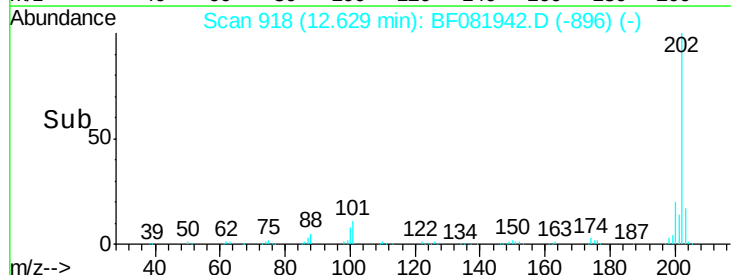
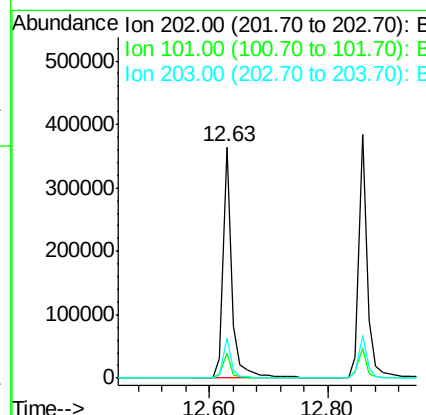
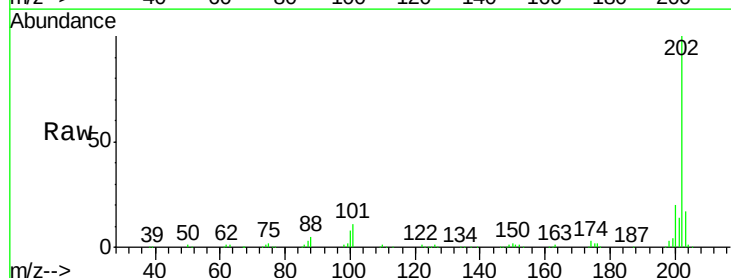
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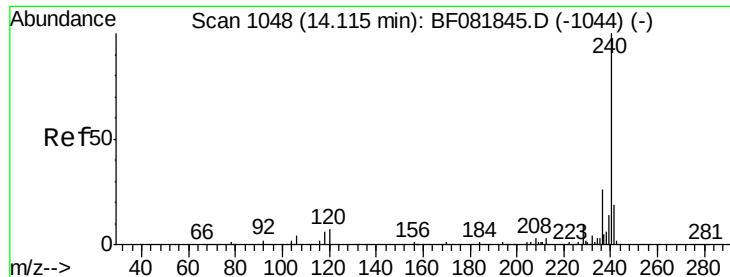
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#74
Fluoranthene
Concen: 15.60 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	377039		
101	10.9	0.0	38.3	
203	17.3	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

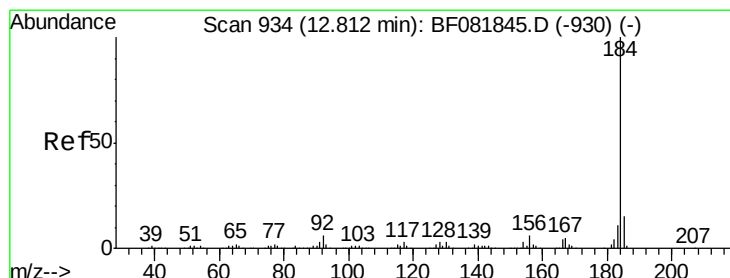
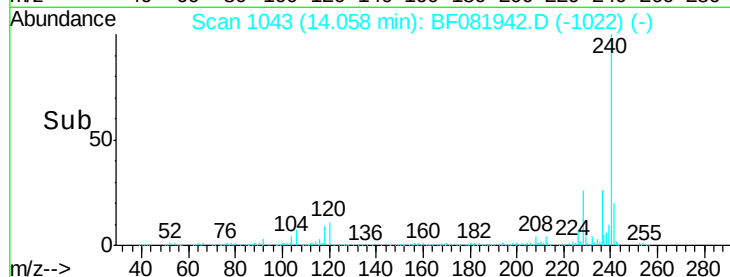
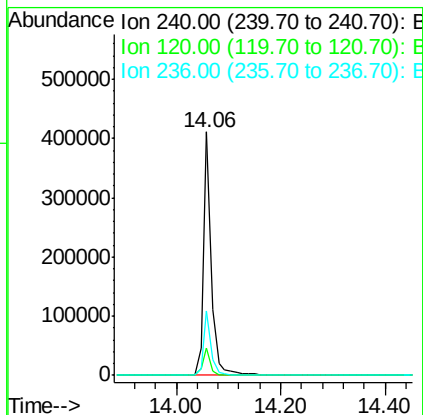
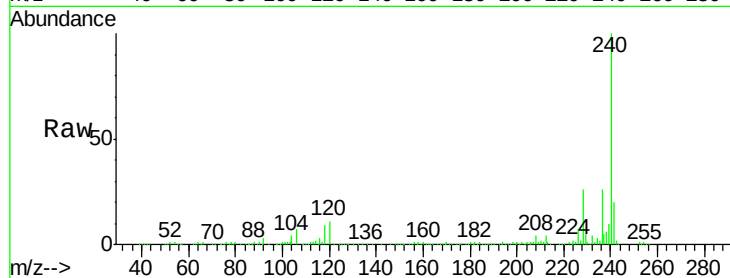
ClientSampleId :

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Tgt Ion:240 Resp: 430727
 Ion Ratio Lower Upper
 240 100
 120 11.2 16.2 24.2#
 236 26.5 18.4 27.6

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#76

Benzidine

Concen: 6.61 ng

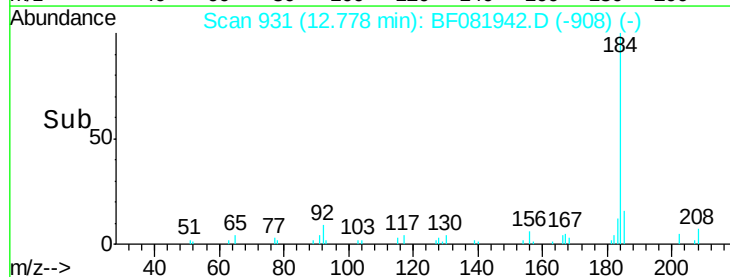
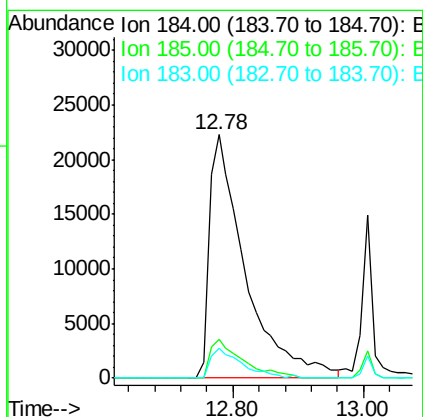
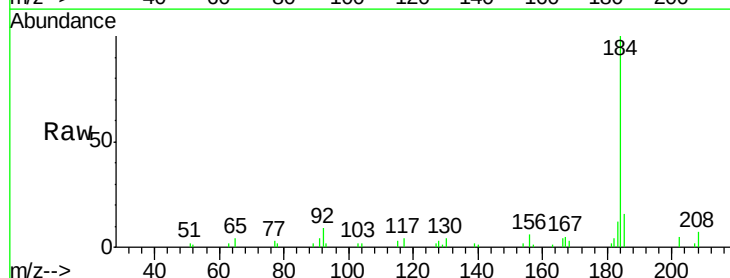
RT: 12.78 min Scan# 931

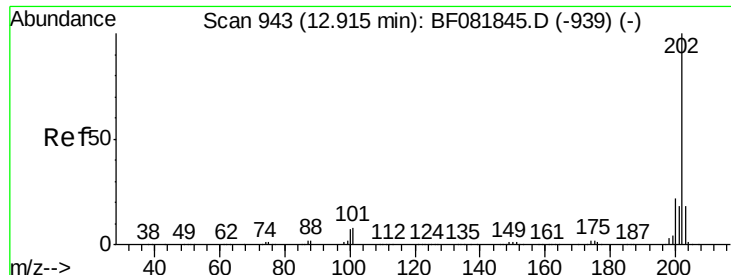
Delta R.T. -0.03 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Tgt Ion:184 Resp: 85743
 Ion Ratio Lower Upper
 184 100
 185 15.8 11.8 17.6
 183 12.1 7.6 11.4#





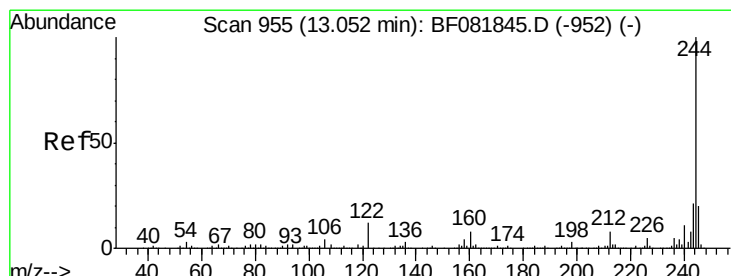
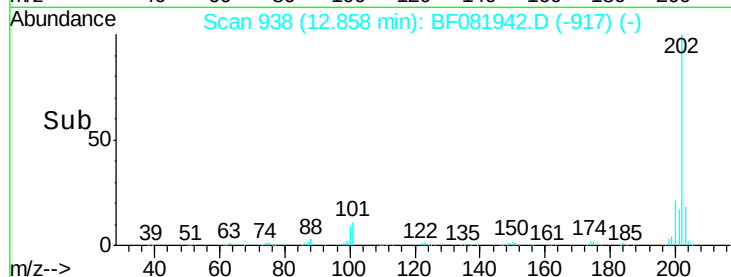
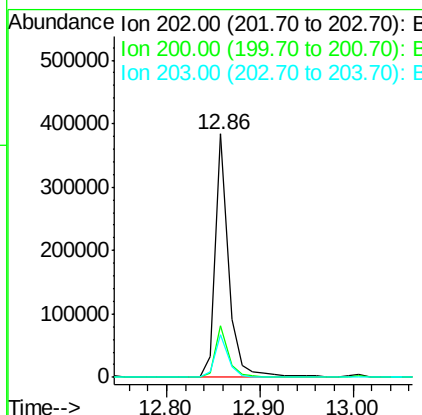
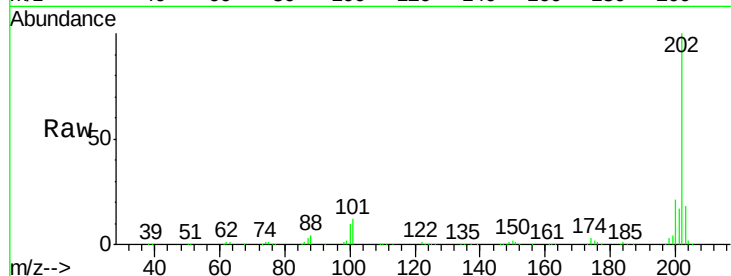
#77
 Pyrene
 Concen: 14.71 ng
 RT: 12.86 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	378456		
200	21.3	15.0	22.4	
203	17.7	14.1	21.1	

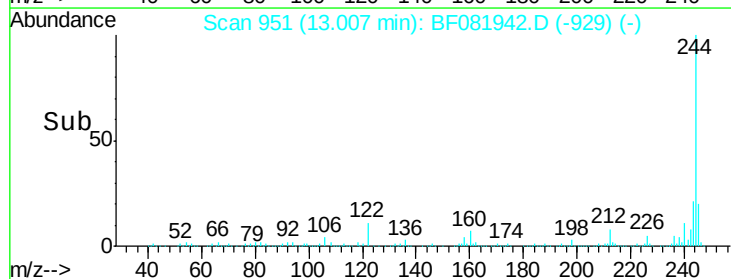
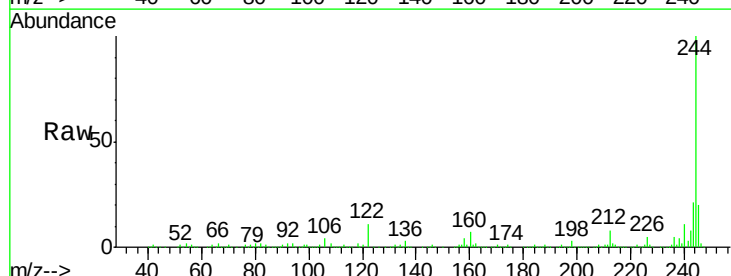
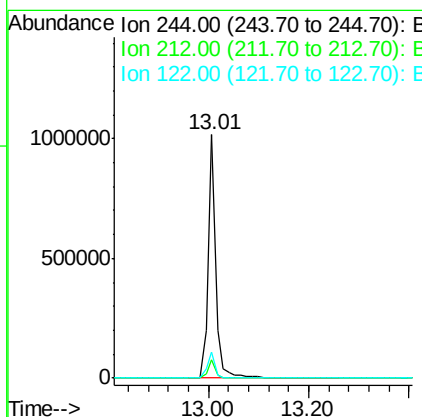
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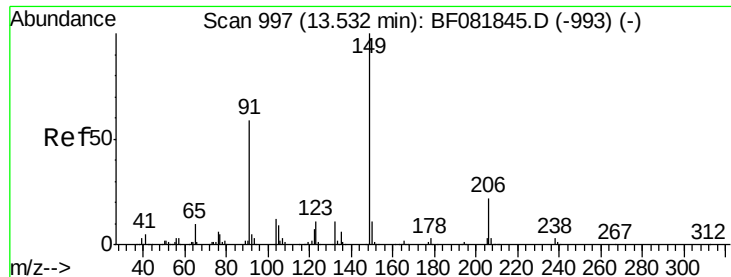
apatel
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#78
 Terphenyl-d14
 Concen: 77.97 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1063850		
212	7.7	4.3	6.5#	
122	10.9	17.4	26.2#	





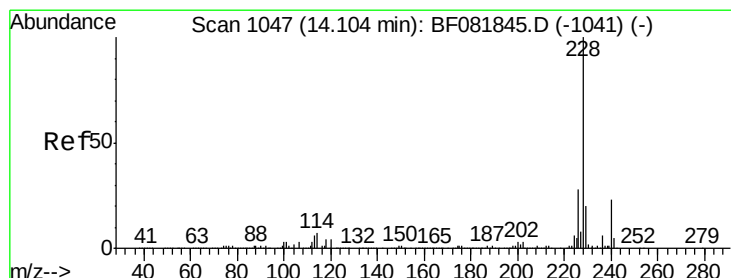
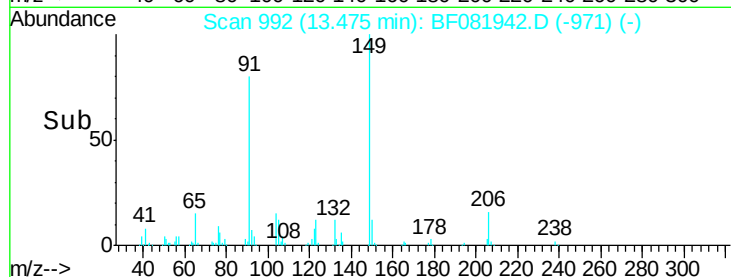
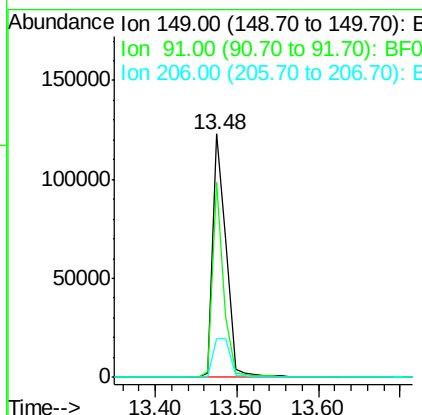
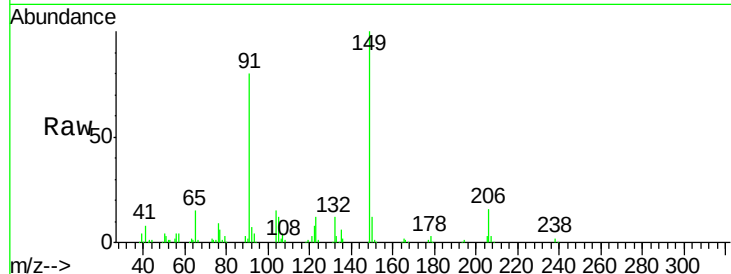
#79
Butylbenzylphthalate
Concen: 14.67 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.06 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	142024		
91	79.9	48.6	72.8#	
206	16.0	14.9	22.3	

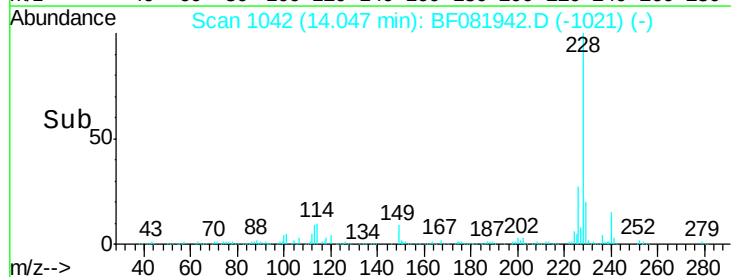
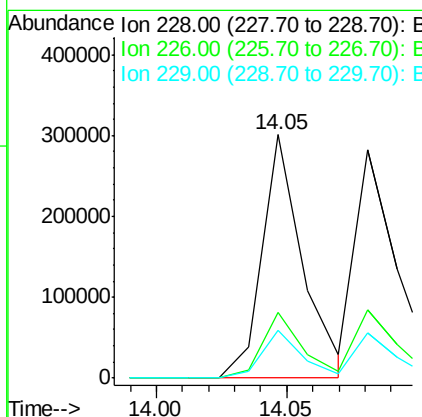
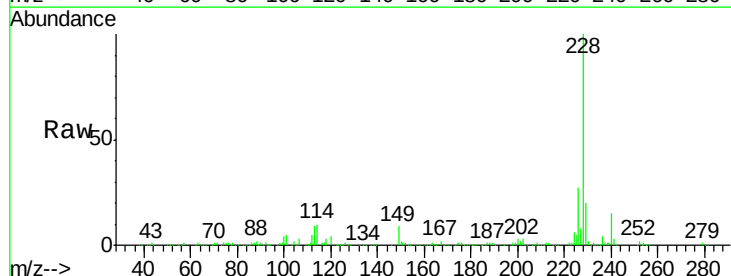
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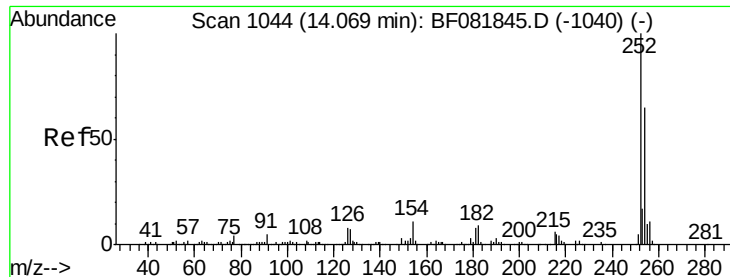
apatel
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#80
Benzo(a)anthracene
Concen: 14.13 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	327686		
226	27.1	20.0	30.0	
229	19.8	15.4	23.2	





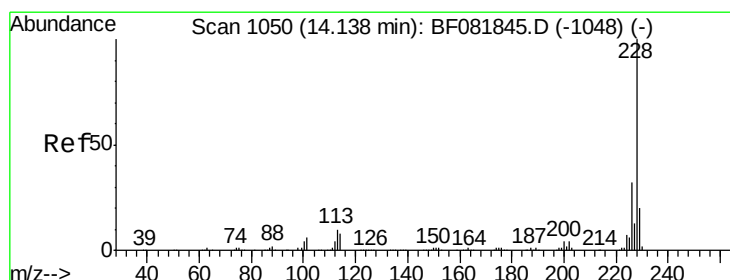
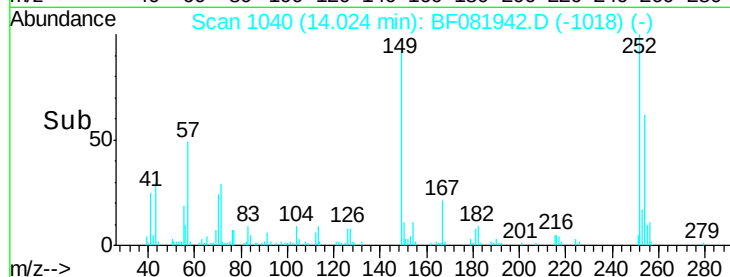
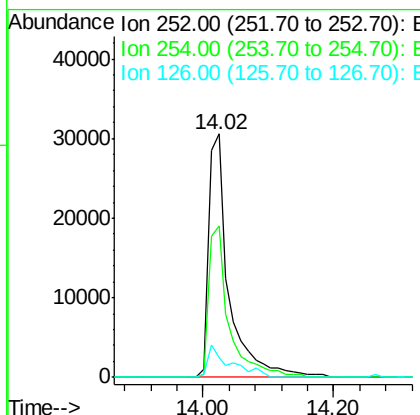
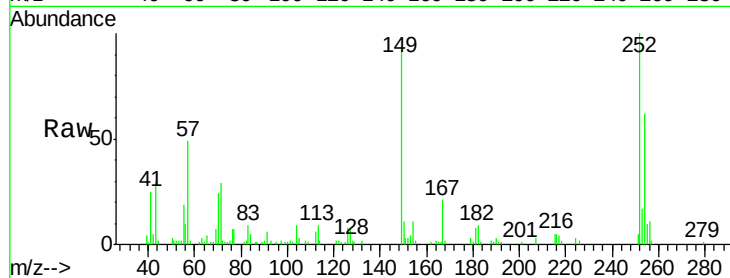
#81
 3,3'-Dichlorobenzidine
 Concen: 8.47 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66383		
254	62.3	51.4	77.2	
126	8.2	16.4	24.6	

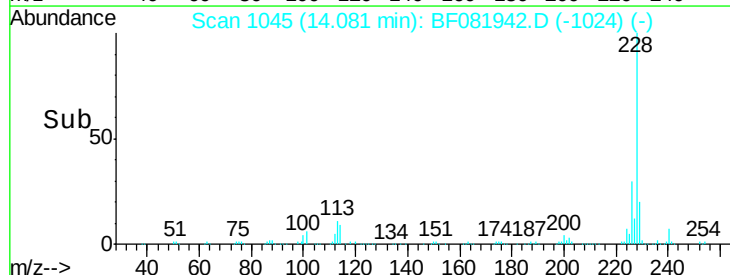
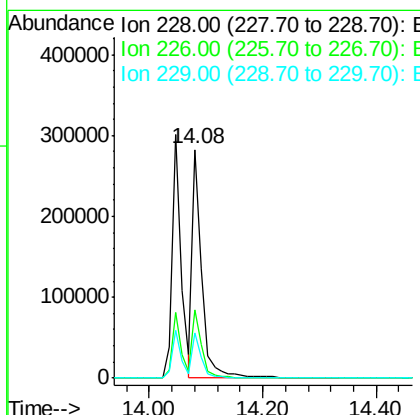
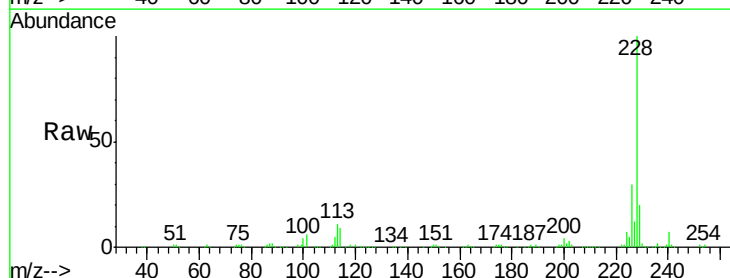
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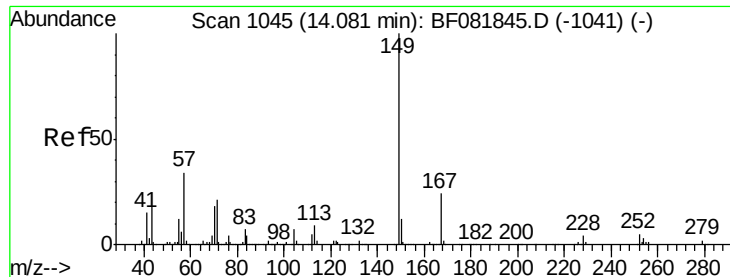
apatel
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#82
 Chrysene
 Concen: 12.76 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	338308		
226	29.7	21.0	31.4	
229	19.9	15.6	23.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.57 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:149 Resp: 213383

Ion Ratio Lower Upper

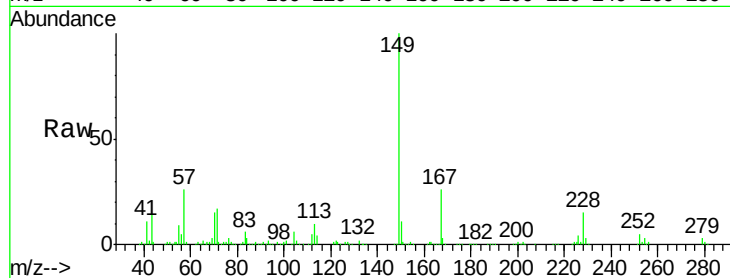
149 100

167 26.3 24.2 36.2

279 2.9 3.8 5.6#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.04

300000

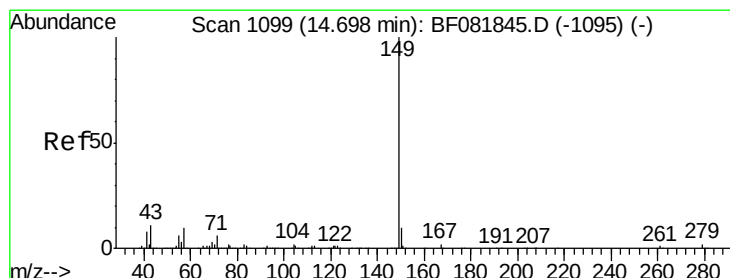
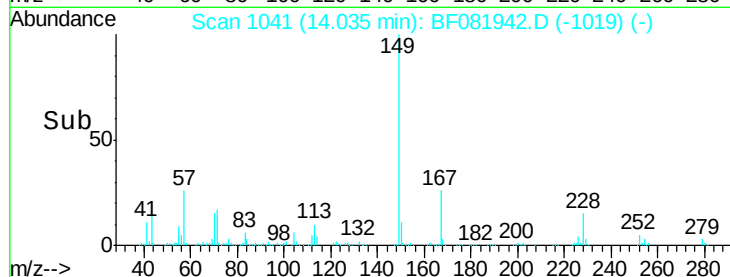
200000

100000

0

14.00 14.10

Time-->



#84

Di-n-octyl phthalate

Concen: 16.82 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081942.D

Acq: 1 Oct 2015 16:39

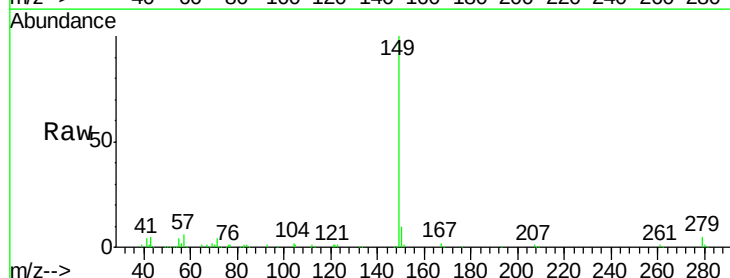
Tgt Ion:149 Resp: 332413

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.9 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.65

300000

250000

200000

150000

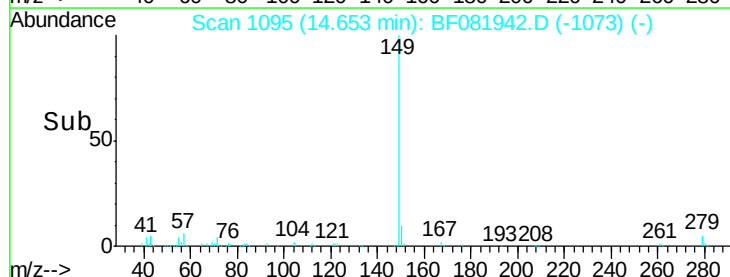
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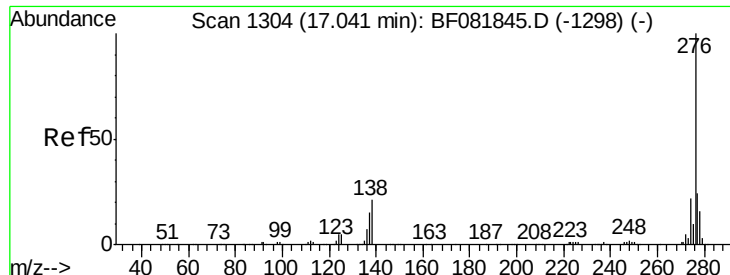
50000

0

14.60 14.70 14.80

Time-->





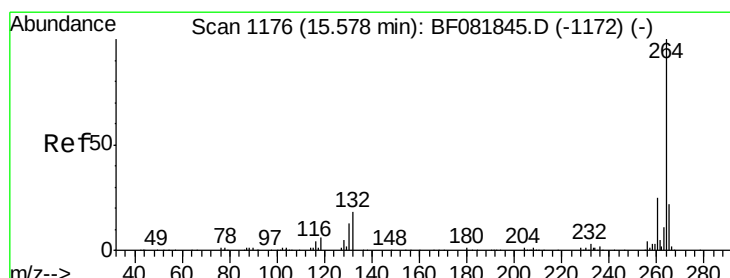
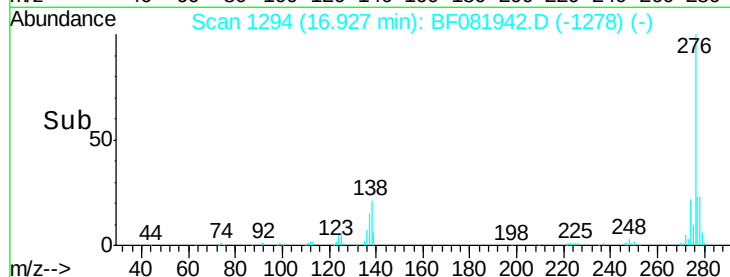
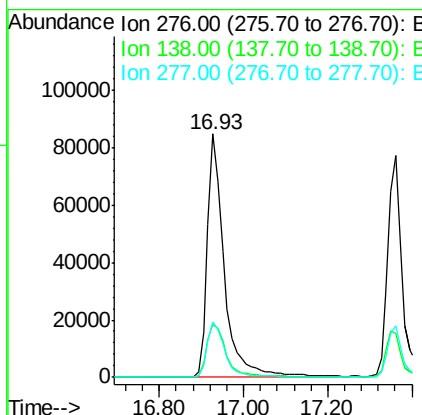
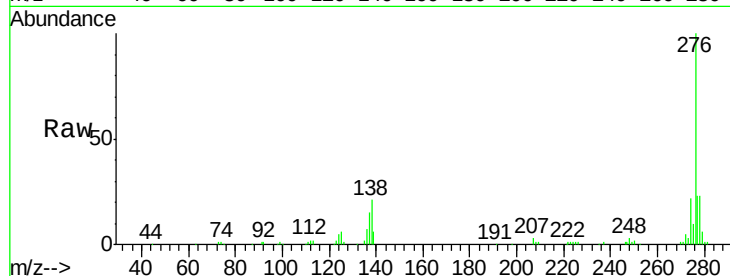
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.25 ng
 RT: 16.93 min Scan# 1294
 Delta R.T. -0.11 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.7	38.5#
277	24.0	15.6	23.4#

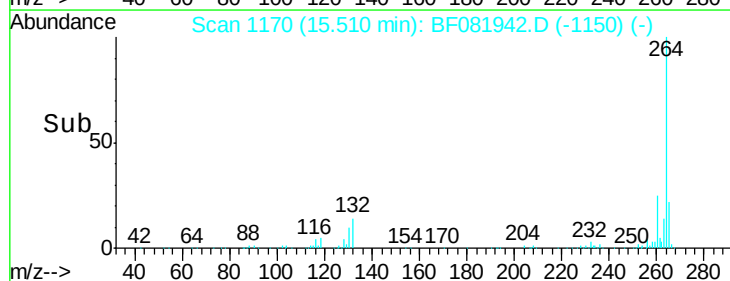
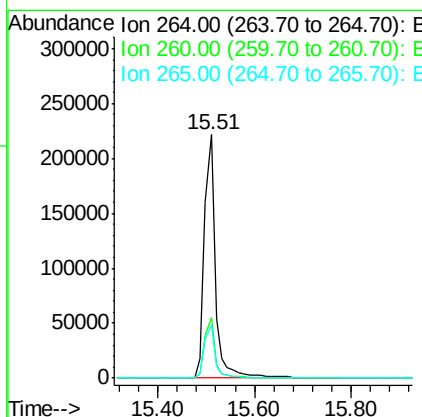
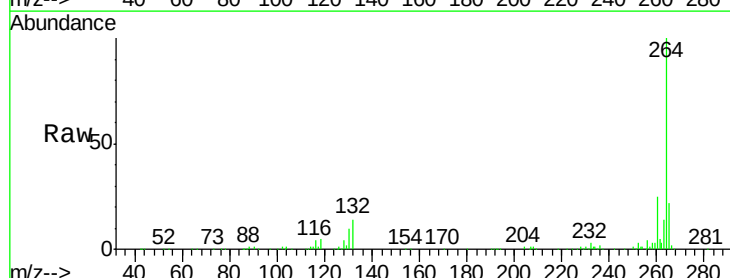
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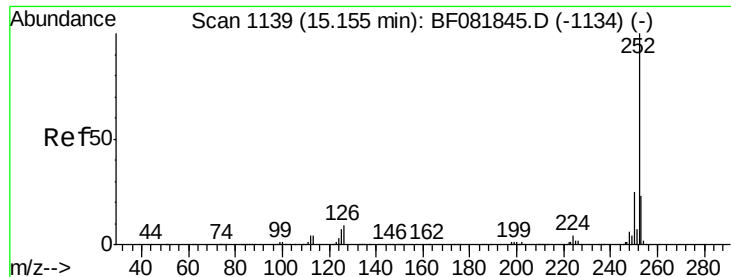
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.6	17.2	25.8





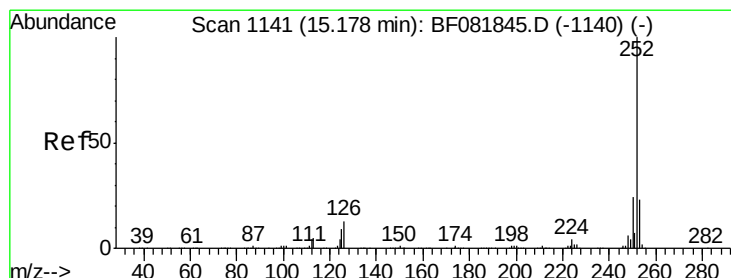
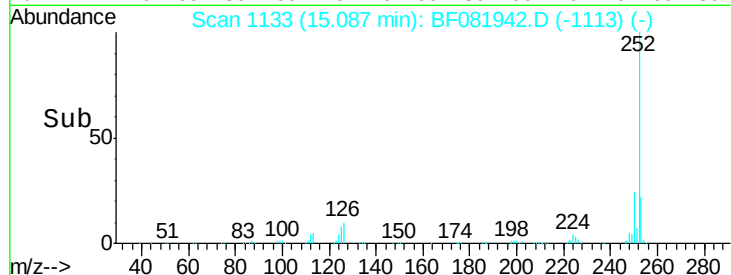
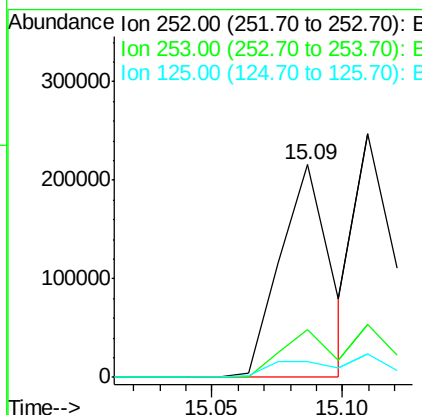
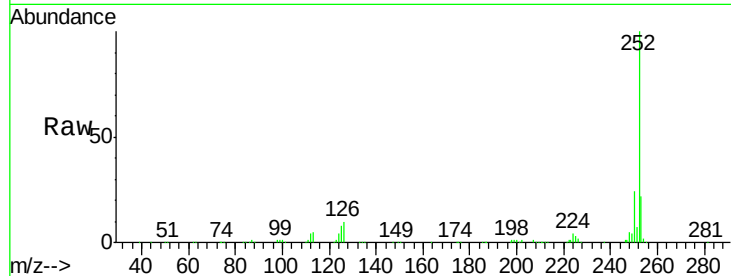
#87
Benzo(b)fluoranthene
Concen: 14.08 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	285292		
253	22.4	17.5	26.3	
125	7.5	17.1	25.7	

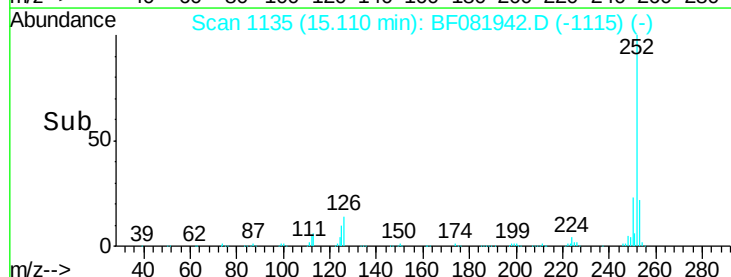
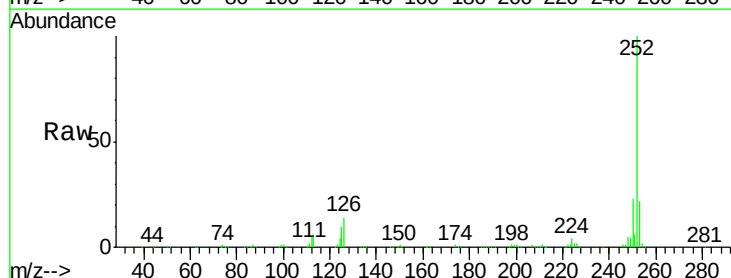
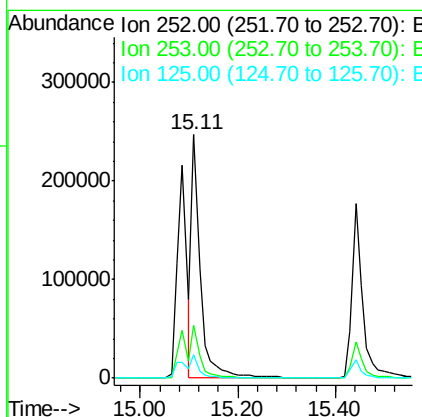
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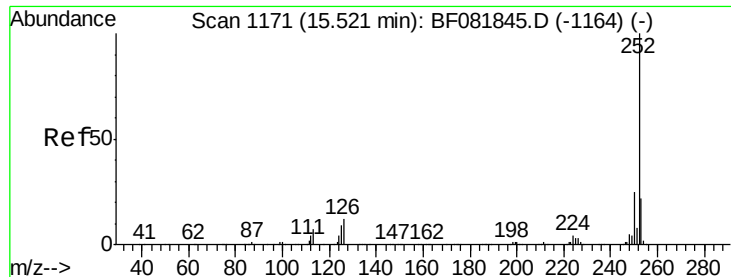
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#88
Benzo(k)fluoranthene
Concen: 17.16 ng m
RT: 15.11 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	318693		
253	21.8	17.0	25.4	
125	9.7	16.0	24.0	





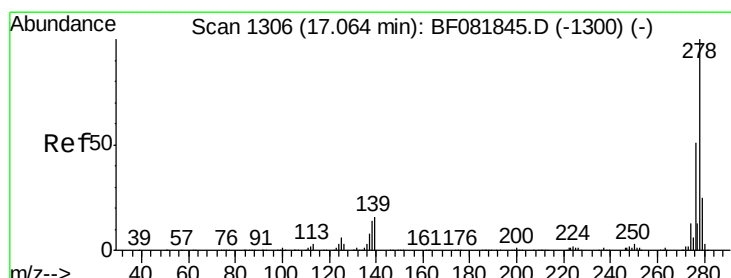
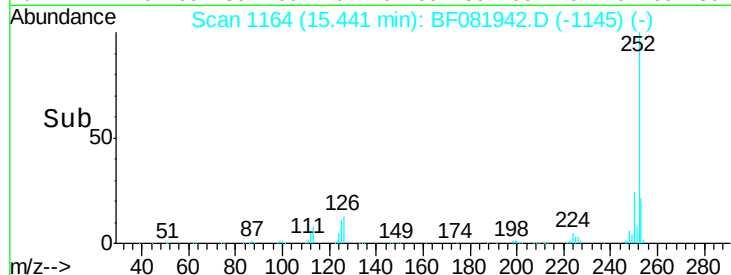
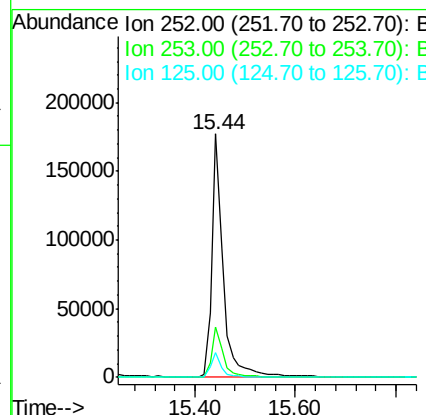
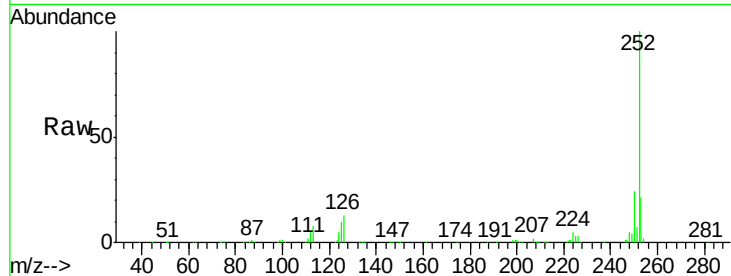
#89
Benzo(a)pyrene
Concen: 15.51 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.7	17.2	25.8
125	10.4	18.0	27.0#

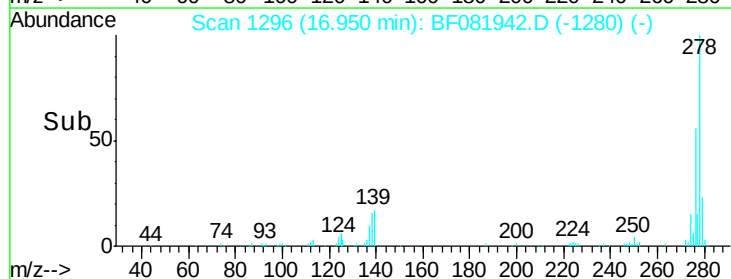
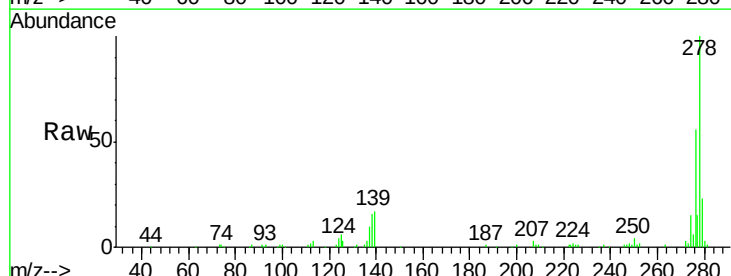
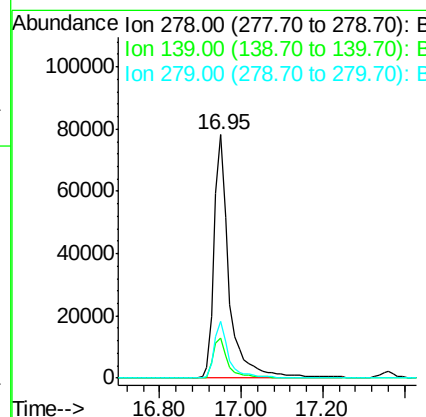
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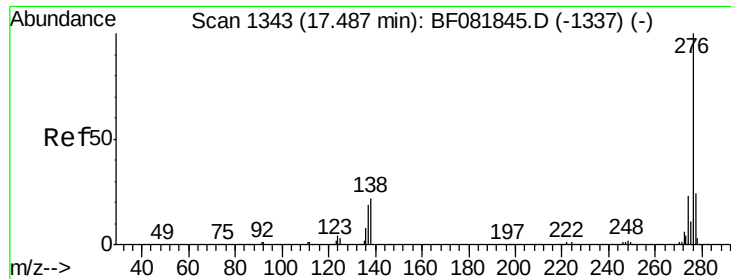
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#90
Dibenzo(a,h)anthracene
Concen: 13.66 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BF081942.D
Acq: 1 Oct 2015 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.6	26.3	39.5#
279	23.4	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 12.95 ng
 RT: 17.36 min Scan# 1332
 Delta R.T. -0.13 min
 Lab File: BF081942.D
 Acq: 1 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	19.7	34.6	51.8

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