

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086054.D
 Acq On : 4 Apr 2016 23:06
 Operator : UM/SJ
 Sample : H2166-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Quant Time: Apr 05 01:05:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	118518	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	417472	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	176841	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	273804	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	197324	20.00	ng	-0.01
86) Perylene-d12	15.33	264	144910	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	912311	131.58	ng	0.00
7) Phenol-d6	6.42	99	1128011	128.08	ng	0.00
23) Nitrobenzene-d5	7.33	82	668450	94.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	197454	118.96	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1077723	101.33	ng	-0.01
78) Terphenyl-d14	12.87	244	751885	89.57	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.45	93	1303	0.11	ng	# 42
8) 2-Chlorophenol	6.56	128	266	0.03	ng	# 1
9) Benzaldehyde	6.53	77	19397	4.09	ng	86
10) Phenol	6.43	94	7214	0.72	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	1595	0.20	ng	# 1
15) Benzyl Alcohol	6.92	79	14451	2.54	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.16	45	215	0.02	ng	65
17) 2-Methylphenol	7.22	107	7618	1.17	ng	# 78
18) Hexachloroethane	7.39	117	440	0.13	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	89369	16.37	ng	# 78
20) 3+4-Methylphenols	7.22	107	8651	1.09	ng	# 62
22) Acetophenone	7.18	105	4384	0.45	ng	# 95
24) Nitrobenzene	7.33	77	2581	0.33	ng	# 33
25) Isophorone	7.33	82	540890	38.71	ng	# 68
27) 2,4-Dimethylphenol	7.85	122	6097	0.92	ng	# 31
28) bis(2-Chloroethoxy)methane	7.79	93	385	0.05	ng	# 1
31) Naphthalene	8.08	128	9679	0.46	ng	99
32) Benzoic acid	7.85	122	6097	1.25	ng	# 38
33) 4-Chloroaniline	8.08	127	1144	0.13	ng	# 37
36) 4-Chloro-3-methylphenol	8.64	107	651	0.10	ng	# 21
37) 2-Methylnaphthalene	8.76	142	3822	0.28	ng	98
45) 1,1'-Biphenyl	9.23	154	1289	0.08	ng	85
46) 2-Chloronaphthalene	9.24	162	285	0.03	ng	# 38
47) 2-Nitroaniline	9.29	65	206	0.06	ng	# 1
48) Acenaphthylene	9.66	152	27980	1.58	ng	99
49) Dimethylphthalate	9.53	163	98967	7.55	ng	99
50) 2,6-Dinitrotoluene	9.52	165	1511	0.54	ng	# 1
51) Acenaphthene	9.84	154	9147	0.87	ng	96
54) Dibenzofuran	10.01	168	6604	0.47	ng	# 93
55) 4-Nitrophenol	10.01	139	2995	1.52	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	22799	6.51	ng	# 38
57) Fluorene	10.35	166	10680	0.90	ng	# 97
59) Diethylphthalate	10.22	149	1442	0.11	ng	# 82
62) Azobenzene	10.51	77	643	0.05	ng	# 1

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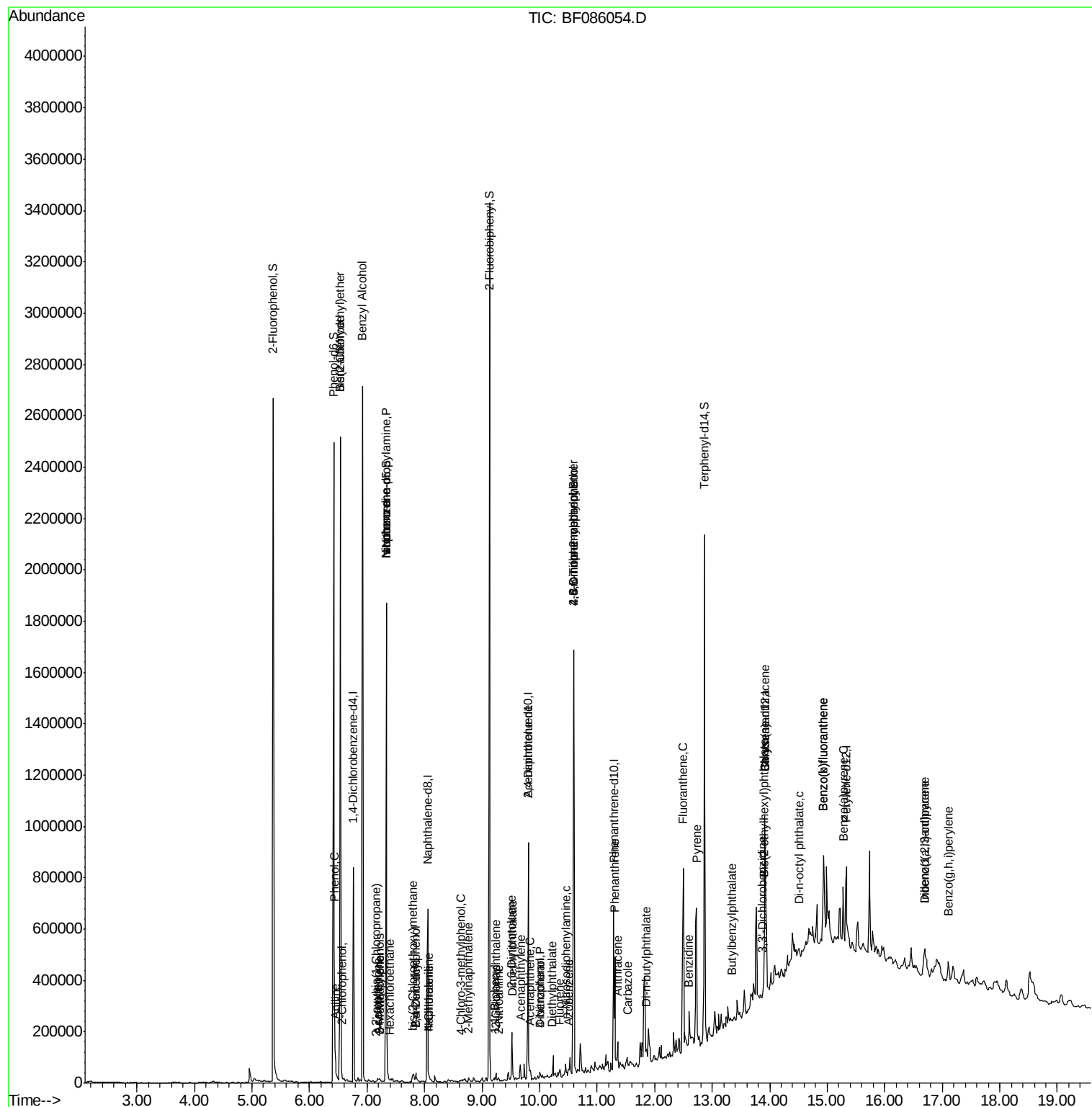
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.59	198	429	0.26	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	1810	0.21	ng	# 68
66) 4-Bromophenyl-phenylether	10.59	248	13306	4.76	ng	# 1
70) Phenanthrene	11.31	178	170462	11.41	ng	98
71) Anthracene	11.36	178	44443	2.84	ng	99
72) Carbazole	11.53	167	15094	1.12	ng	99
73) Di-n-butylphthalate	11.85	149	7095	0.43	ng	# 86
74) Fluoranthene	12.50	202	346131	22.28	ng	90
76) Benzidine	12.59	184	1429	0.21	ng	# 1
77) Pyrene	12.73	202	319403	22.97	ng	99
79) Butylbenzylphthalate	13.35	149	1761	0.28	ng	# 36
80) Benzo(a)anthracene	13.92	228	161330	13.87	ng	# 91
81) 3,3'-Dichlorobenzidine	13.87	252	352	0.04	ng	# 33
82) Chrysene	13.92	228	161330	14.40	ng	95
83) Bis(2-ethylhexyl)phthalate	13.91	149	9509	1.14	ng	# 89
84) Di-n-octyl phthalate	14.51	149	641	0.05	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.69	276	66161	7.28	ng	# 92
87) Benzo(b)fluoranthene	14.93	252	231137	25.36	ng	97
88) Benzo(k)fluoranthene	14.93	252	231137	28.63	ng	# 95
89) Benzo(a)pyrene	15.28	252	110019	13.62	ng	96
90) Dibenzo(a,h)anthracene	16.69	278	16429	2.53	ng	# 63
91) Benzo(g,h,i)perylene	17.11	276	62324	9.91	ng	96

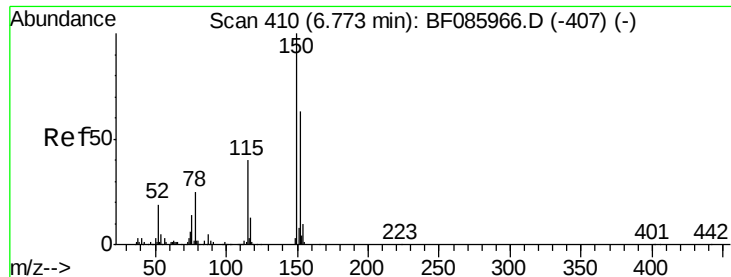
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086054.D

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Instrument :

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ClientSampleId :

L-P-C-SOIL-PILE1

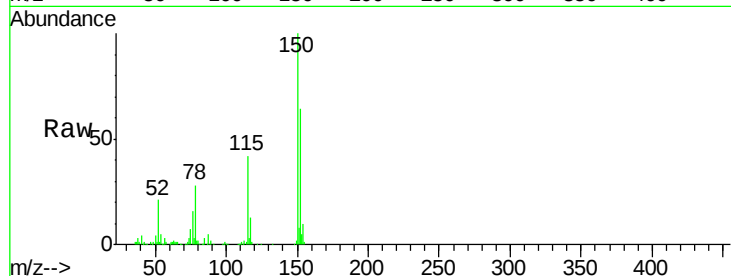
Tgt Ion:152 Resp: 118518

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

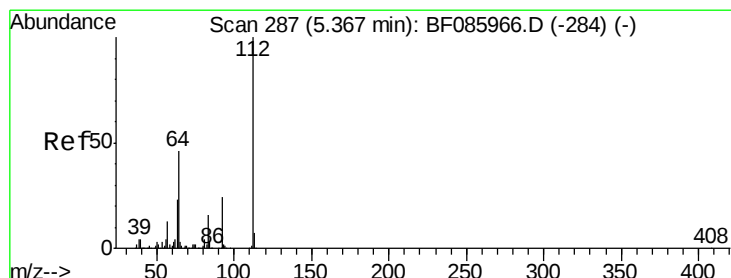
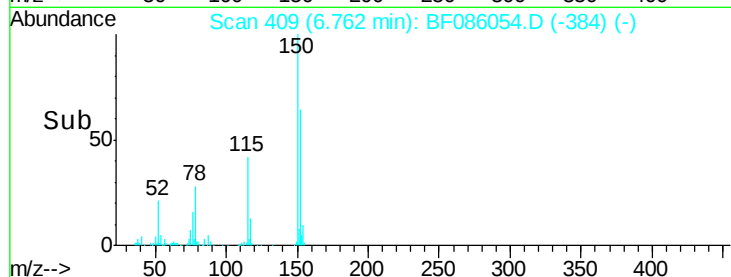
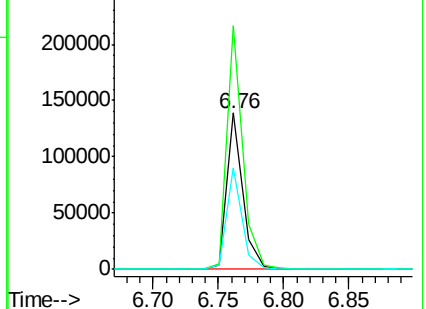
115 64.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 131.58 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

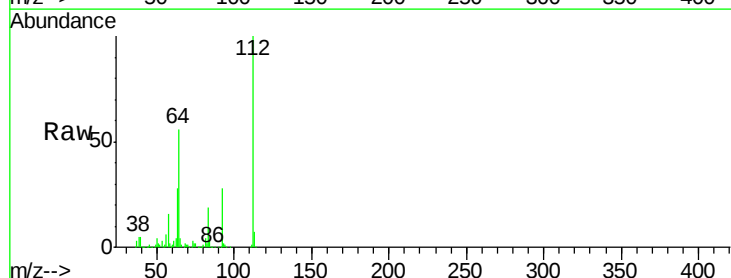
Tgt Ion:112 Resp: 912311

Ion Ratio Lower Upper

112 100

64 55.6 39.9 59.9

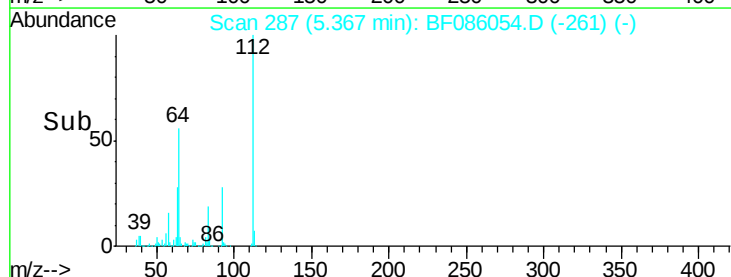
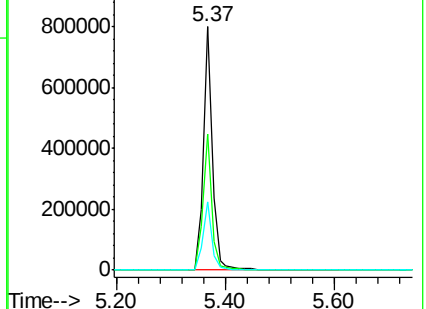
63 28.1 20.2 30.2

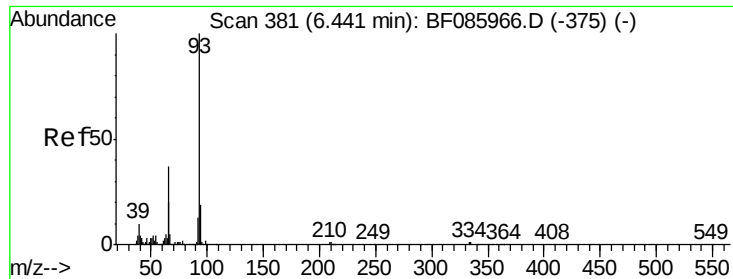


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.11 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086054.D

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Instrument :

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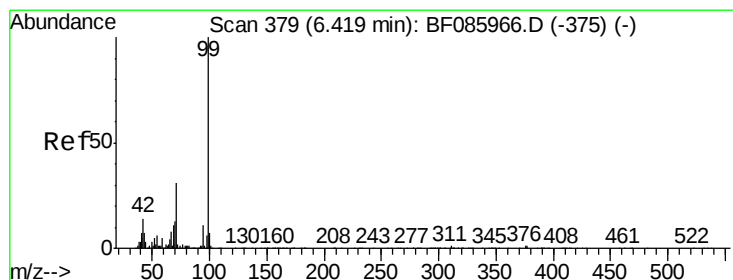
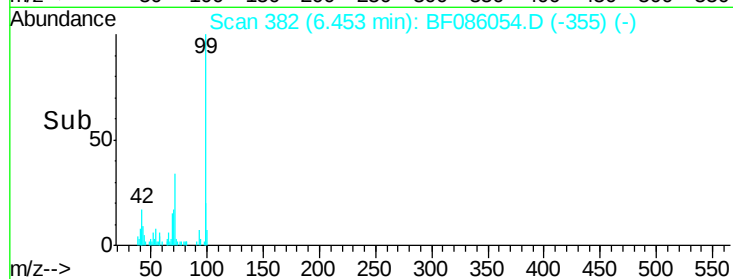
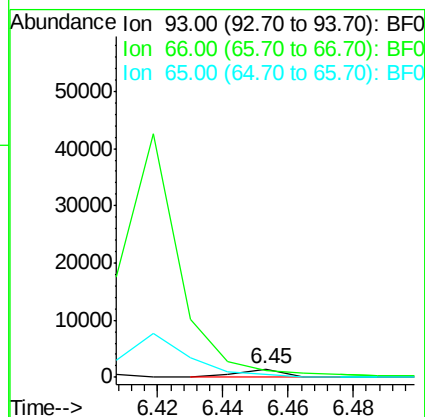
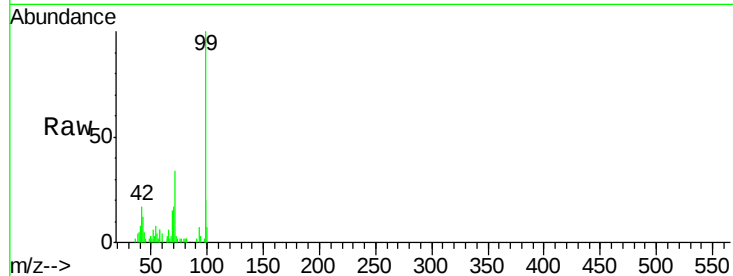
Tgt Ion: 93 Resp: 1303

Ion Ratio Lower Upper

93 100

66 84.7 31.4 47.2#

65 31.4 15.7 23.5#



#7

Phenol-d6

Concen: 128.08 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

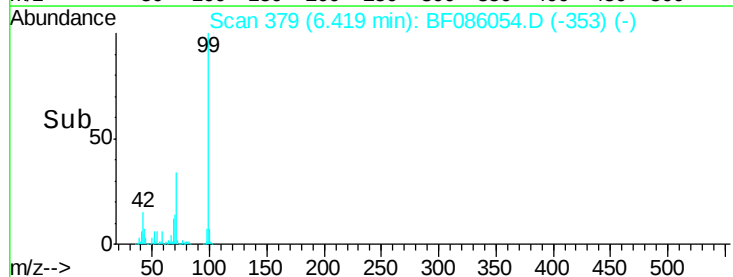
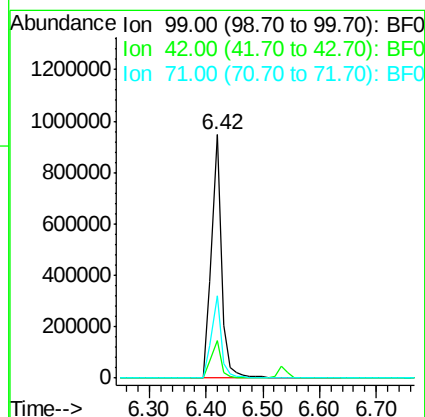
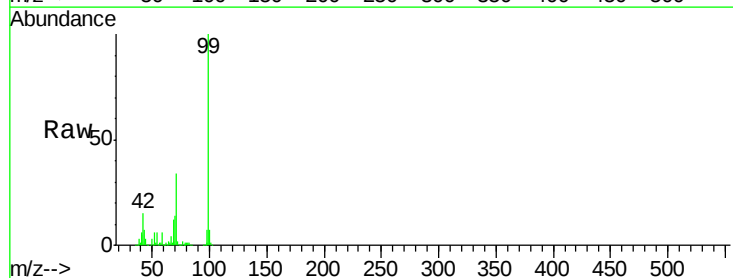
Tgt Ion: 99 Resp: 1128011

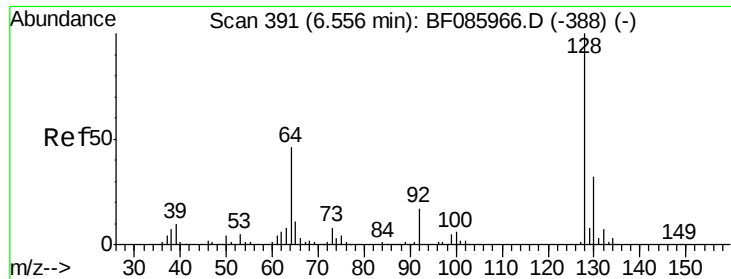
Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 34.0 24.9 37.3





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

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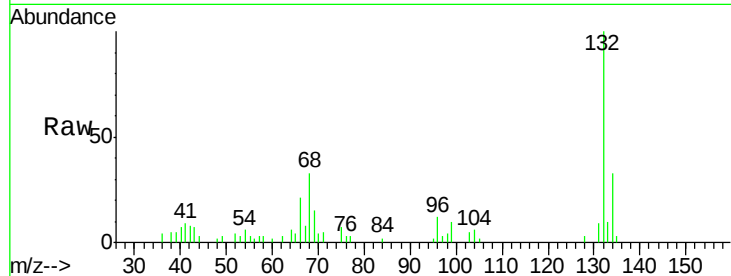
Tgt Ion:128 Resp: 266

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

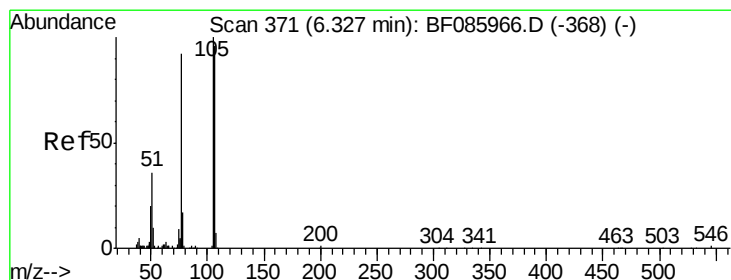
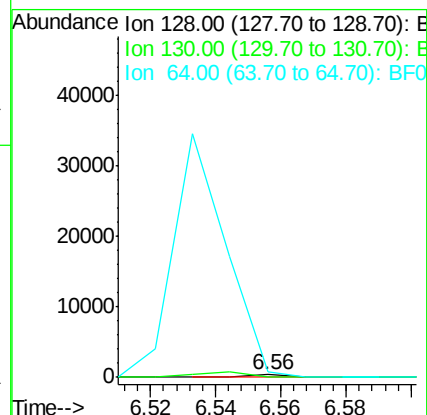
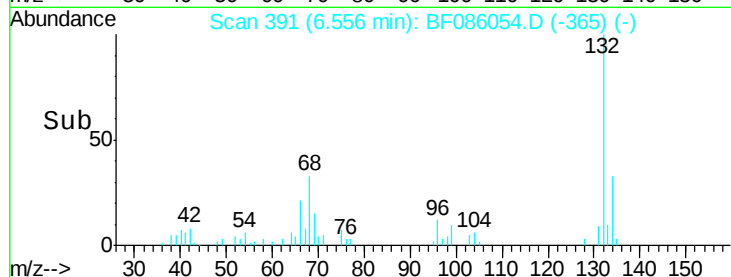
64 199.2 20.2 60.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 4.09 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

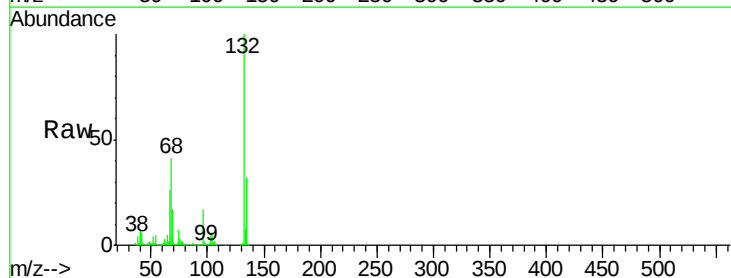
Tgt Ion: 77 Resp: 19397

Ion Ratio Lower Upper

77 100

105 86.9 80.1 120.1

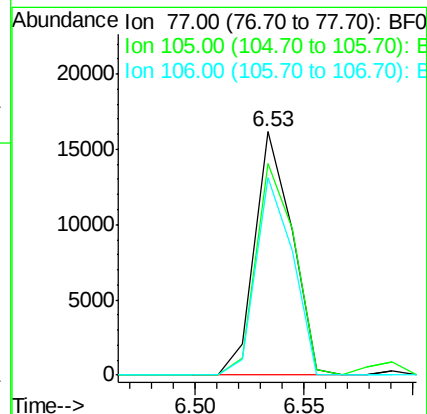
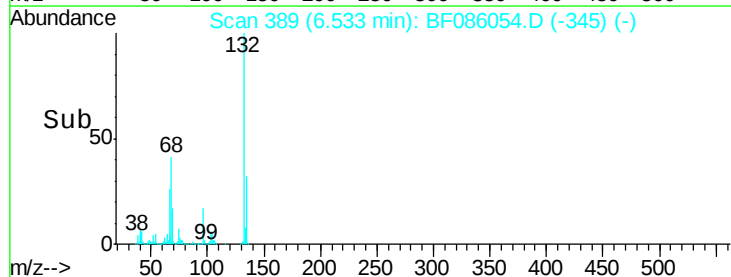
106 81.0 75.0 115.0

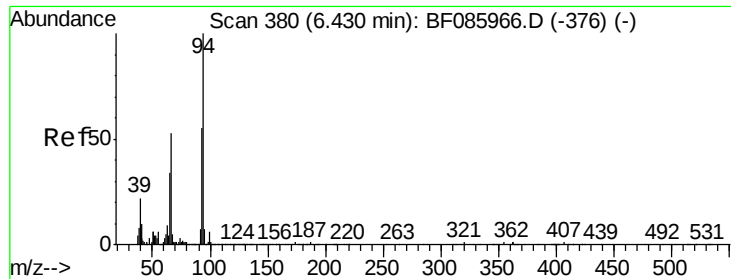


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.72 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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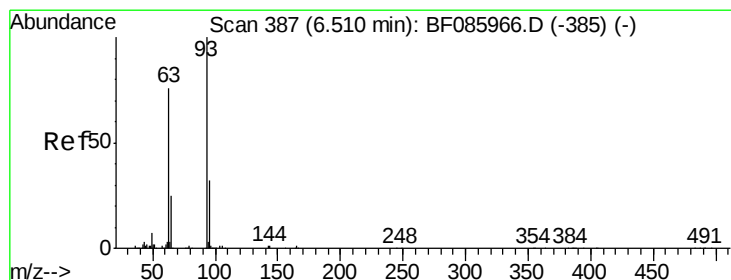
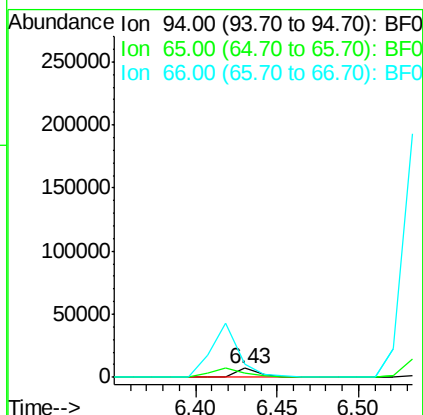
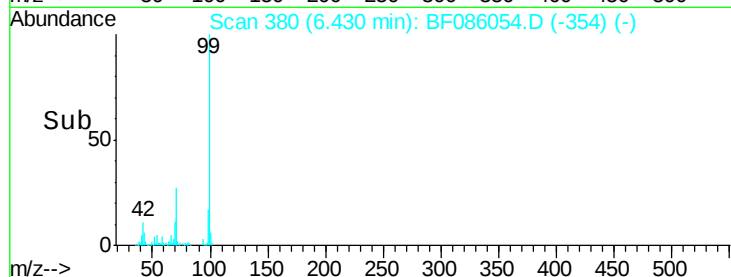
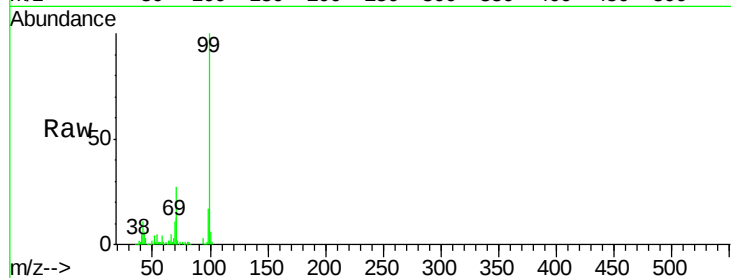
Tgt Ion: 94 Resp: 7214

Ion Ratio Lower Upper

94 100

65 50.7 8.6 48.6#

66 146.7 20.0 60.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

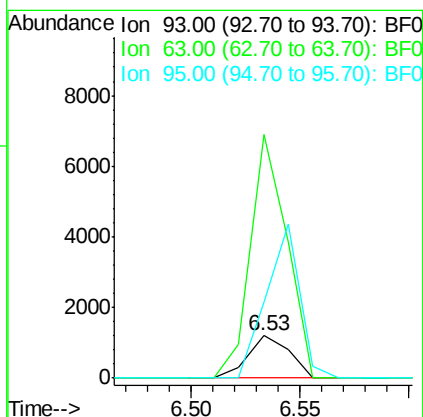
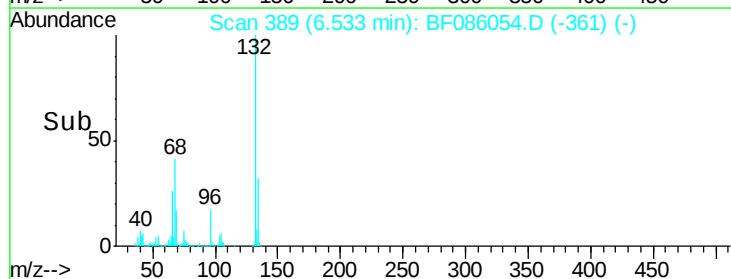
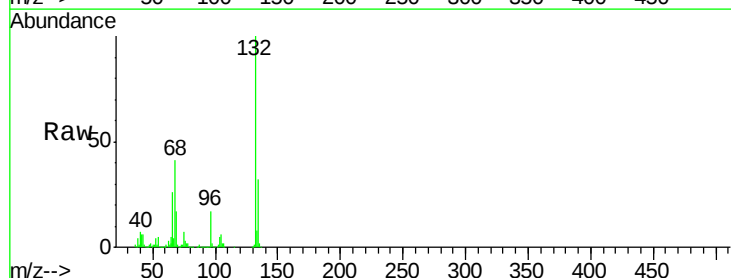
Tgt Ion: 93 Resp: 1595

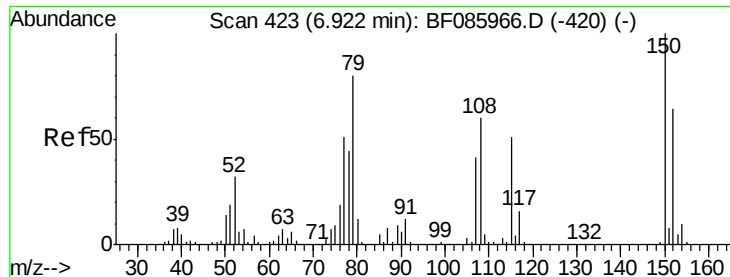
Ion Ratio Lower Upper

93 100

63 572.4 50.9 90.9#

95 179.1 13.3 53.3#

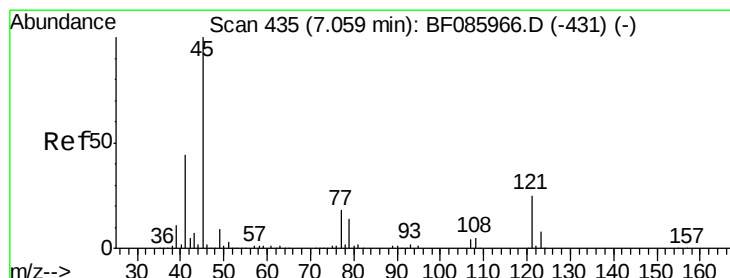
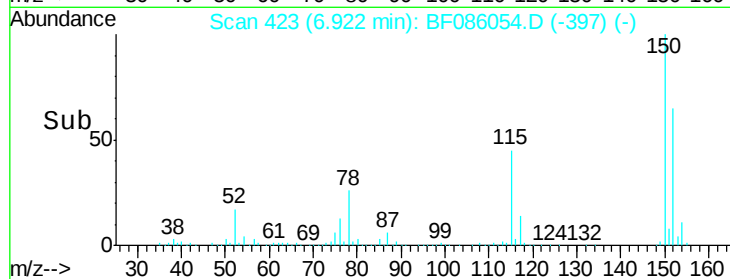
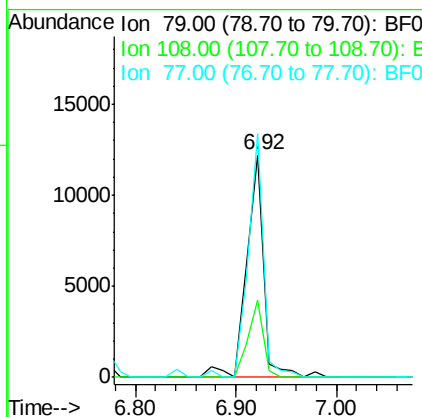
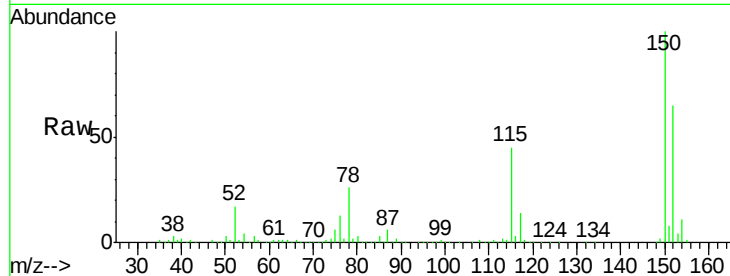




#15
Benzyl Alcohol
Concen: 2.54 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

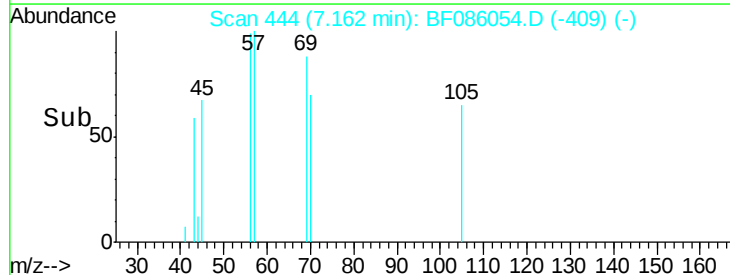
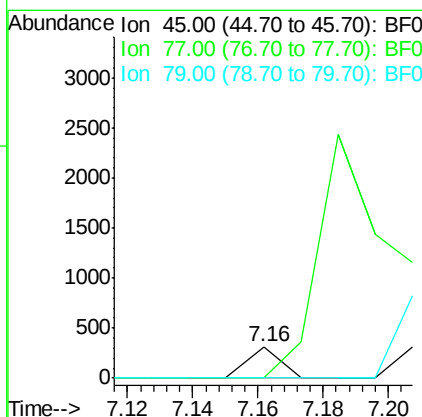
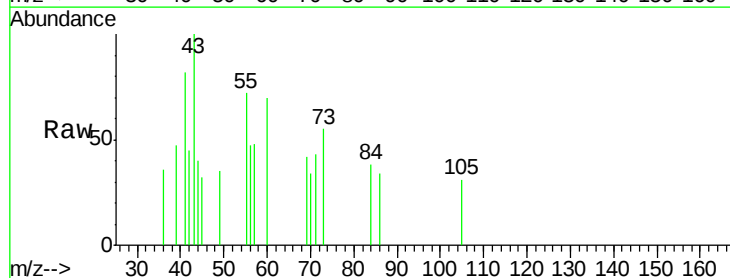
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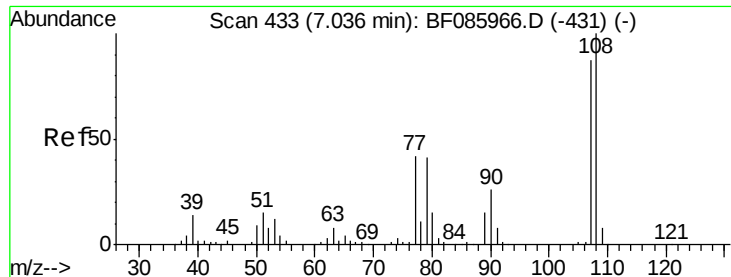
Tgt Ion: 79 Resp: 14451
Ion Ratio Lower Upper
79 100
108 34.6 61.8 92.6#
77 109.5 49.6 74.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.10 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion: 45 Resp: 215
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.7
79 0.0 0.0 32.2

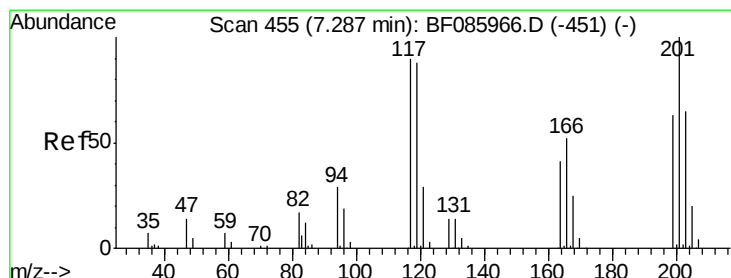
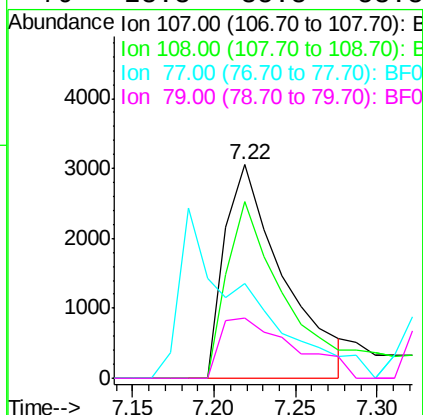
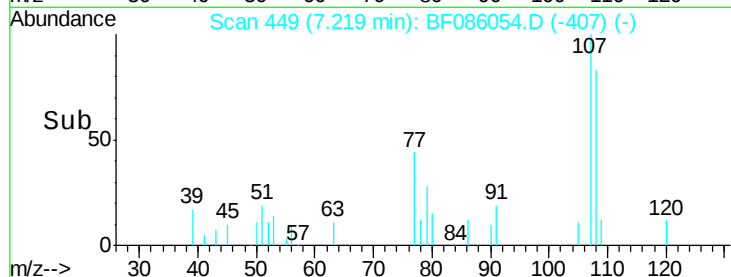
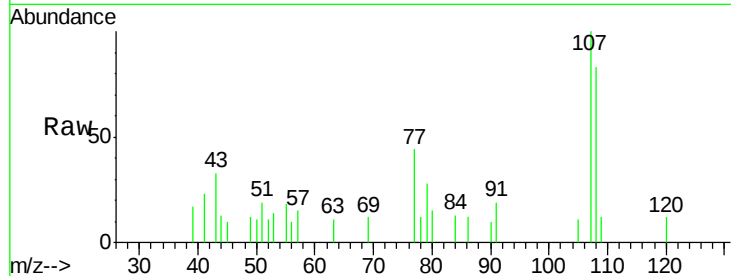




#17
2-Methylphenol
Concen: 1.17 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.18 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

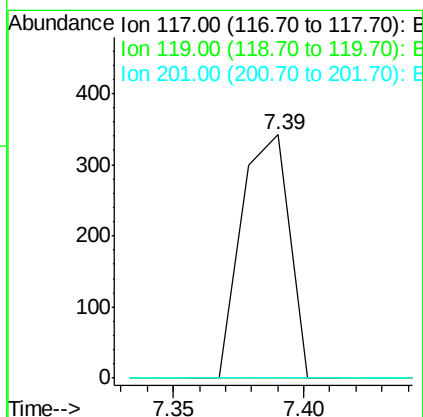
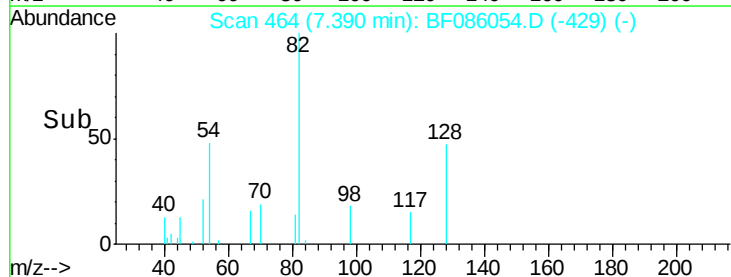
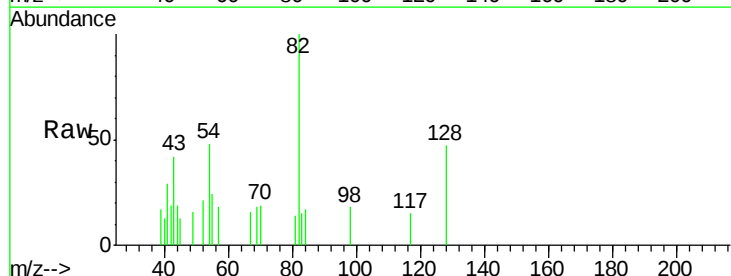
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

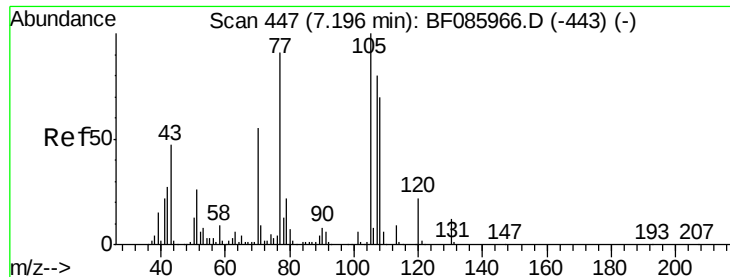
Tgt Ion:107 Resp: 7618
Ion Ratio Lower Upper
107 100
108 82.9 91.4 137.0#
77 44.1 36.2 54.2
79 28.3 35.8 53.8#



#18
Hexachloroethane
Concen: 0.13 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.10 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:117 Resp: 440
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 83.3 124.9#

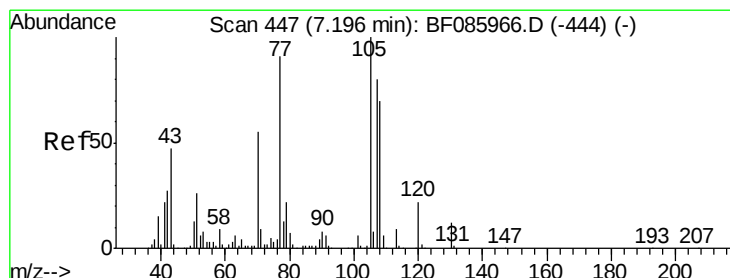
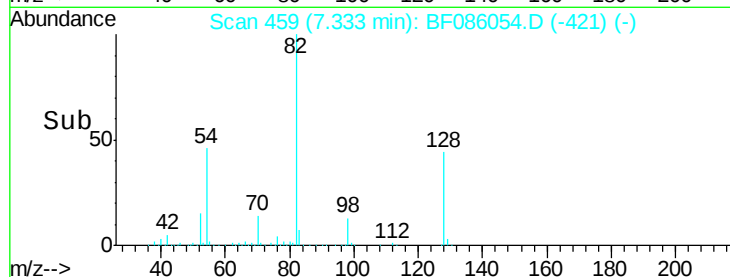
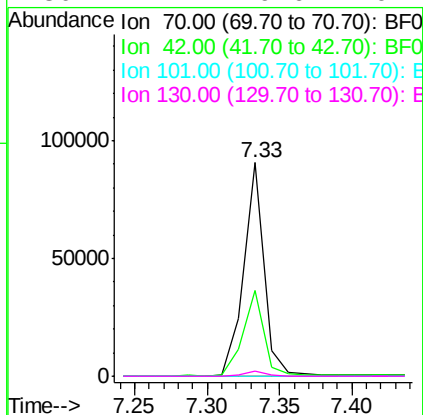
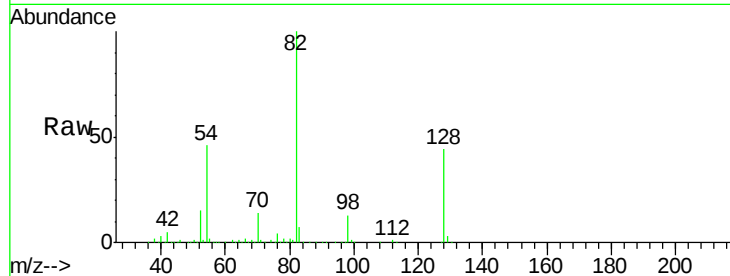




#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

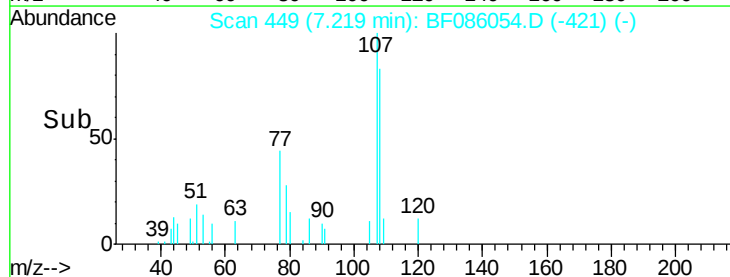
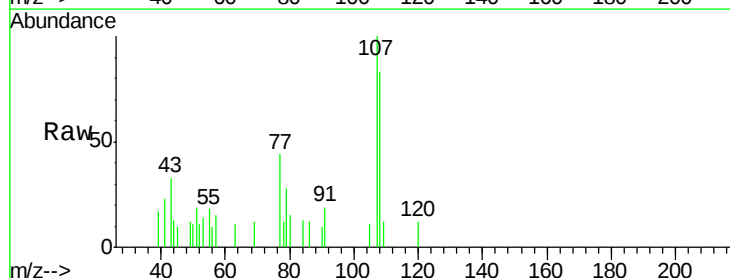
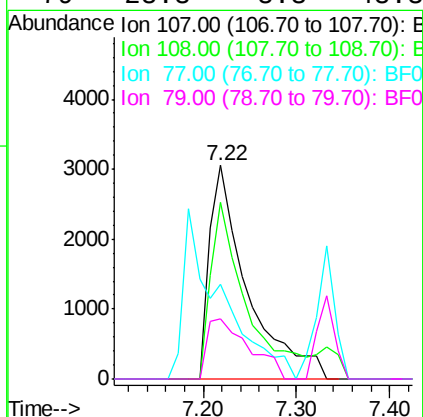
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

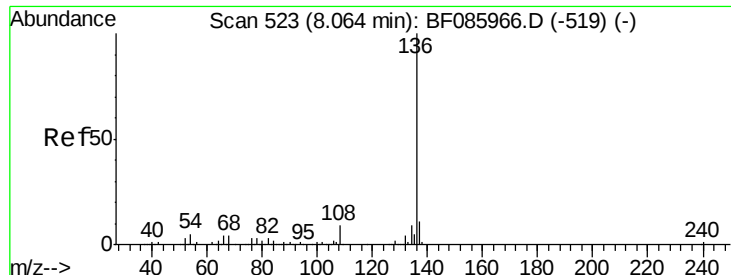
Tgt Ion: 70 Resp: 89369
Ion Ratio Lower Upper
70 100
42 40.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#20
3+4-Methylphenols
Concen: 1.09 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion: 107 Resp: 8651
Ion Ratio Lower Upper
107 100
108 82.9 69.3 109.3
77 44.1 101.7 141.7#
79 28.3 8.3 48.3

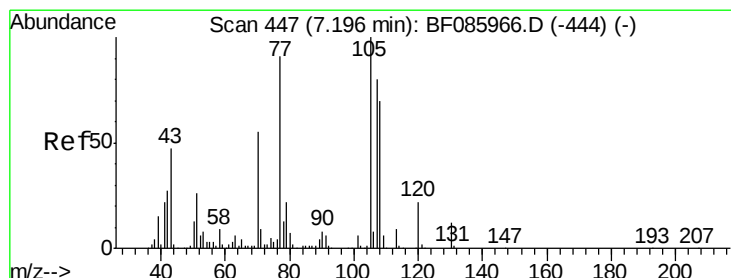
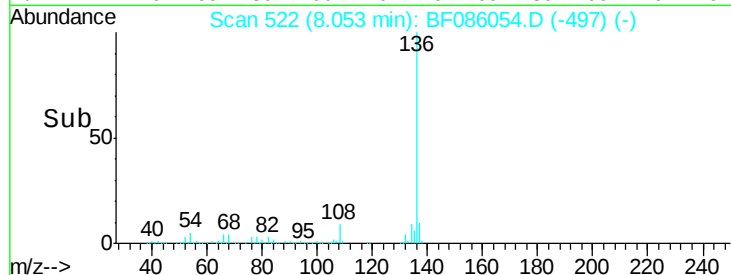
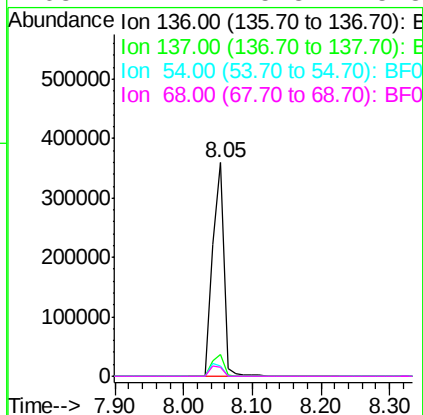
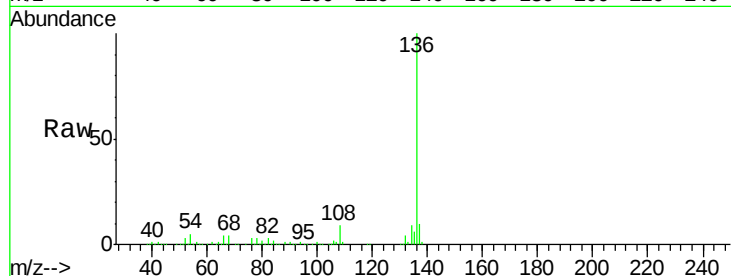




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

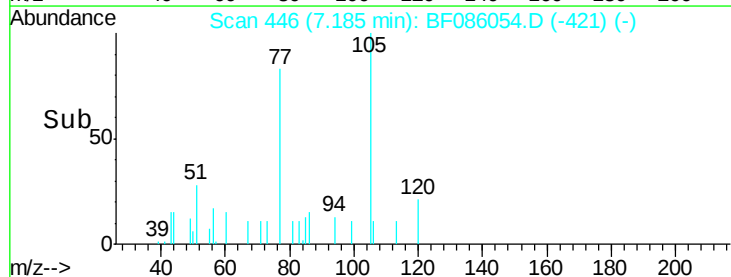
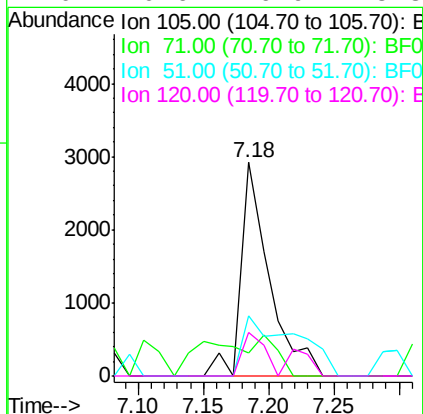
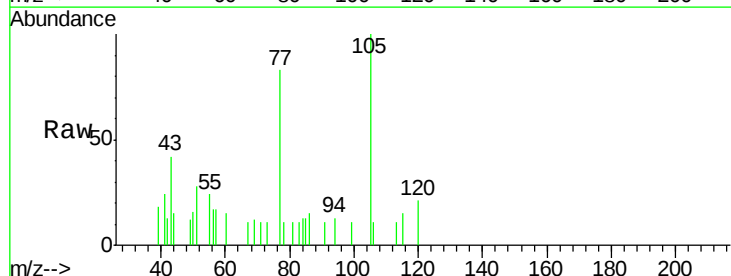
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

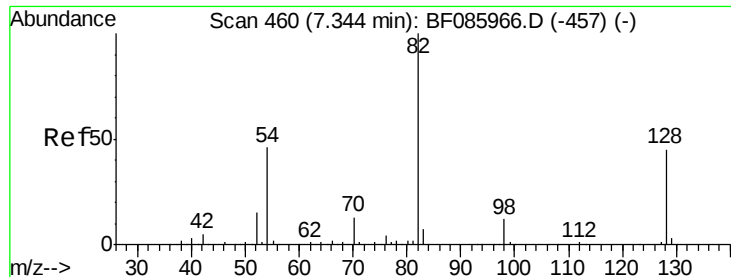
Tgt Ion:	136	Resp:	417472
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#



#22
Acetophenone
Concen: 0.45 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:	105	Resp:	4384
Ion	Ratio	Lower	Upper
105	100		
71	11.0	3.6	5.4#
51	28.3	25.4	38.0
120	20.6	16.9	25.3

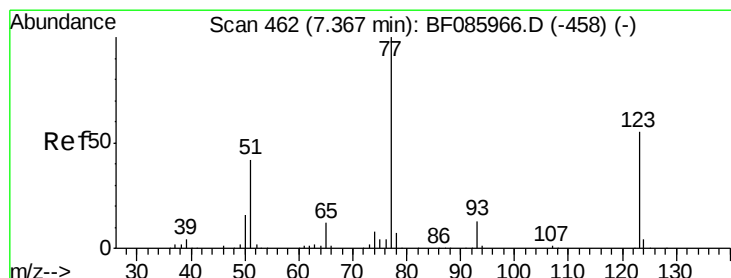
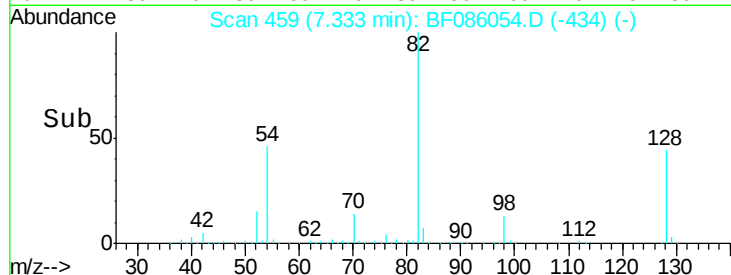
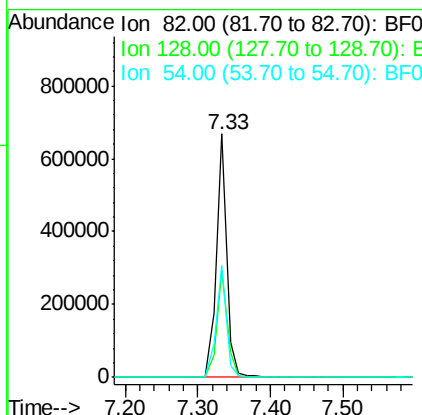
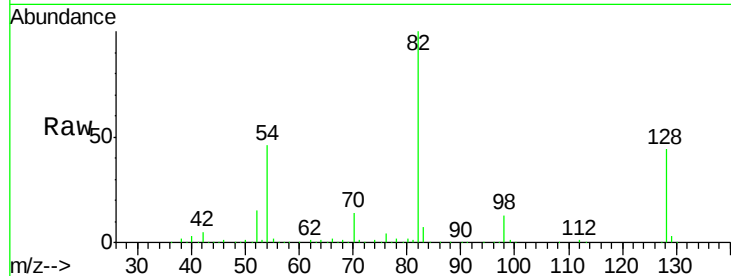




#23
 Nitrobenzene-d5
 Concen: 94.43 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

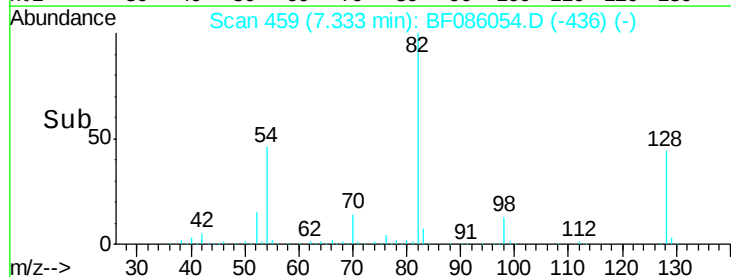
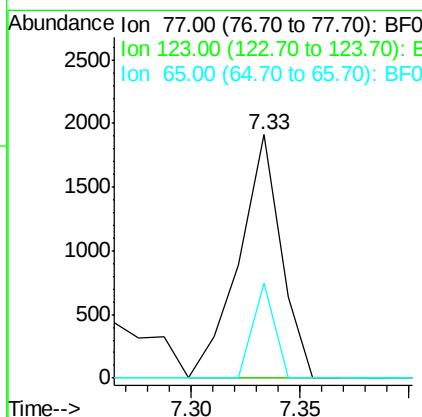
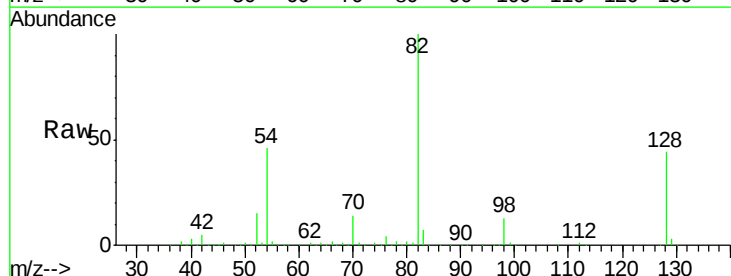
Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

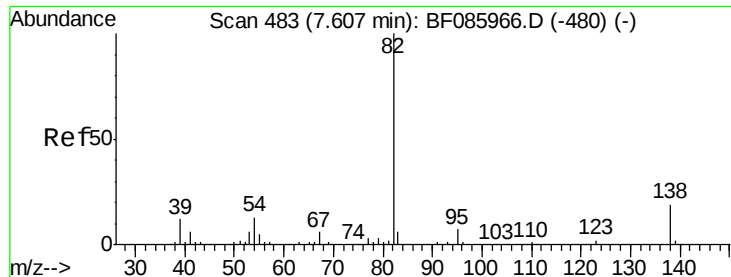
Tgt Ion: 82 Resp: 668450
 Ion Ratio Lower Upper
 82 100
 128 43.9 41.8 62.8
 54 45.7 33.4 50.0



#24
 Nitrobenzene
 Concen: 0.33 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Tgt Ion: 77 Resp: 2581
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.4#
 65 39.2 10.6 16.0#





#25

Isophorone

Concen: 38.71 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

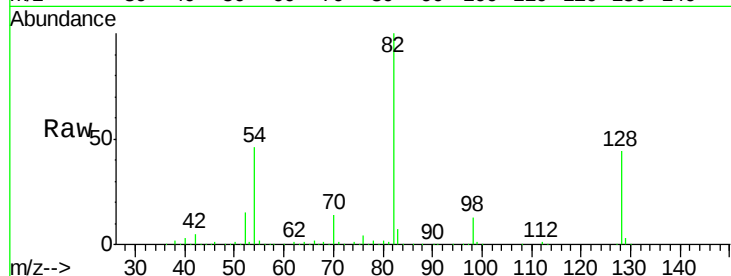
Tgt Ion: 82 Resp: 540890

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

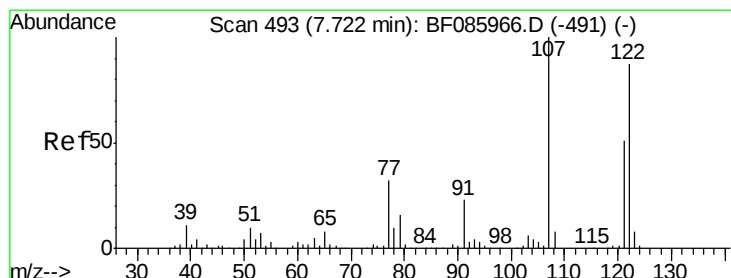
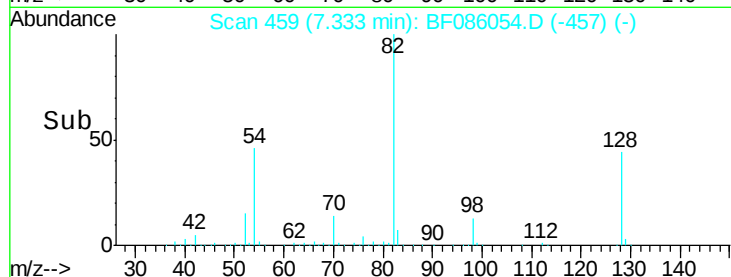
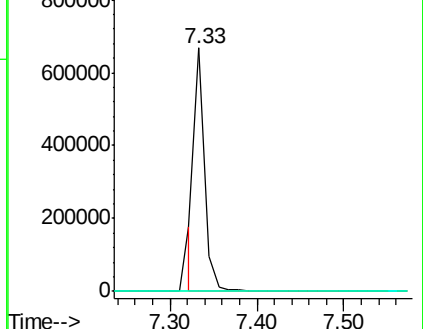
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 0.92 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.13 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

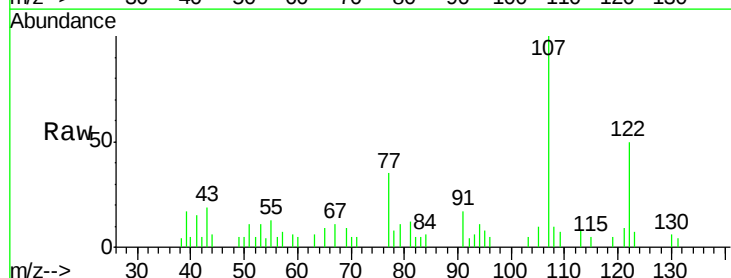
Tgt Ion: 122 Resp: 6097

Ion Ratio Lower Upper

122 100

107 199.6 93.0 139.6#

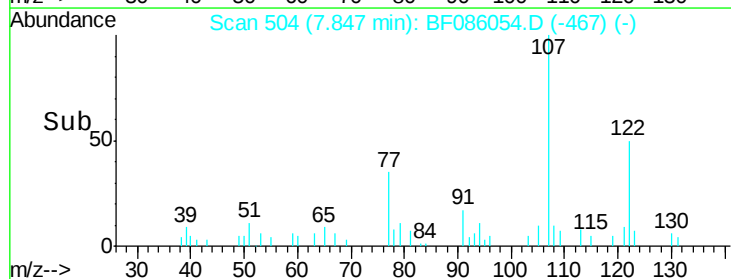
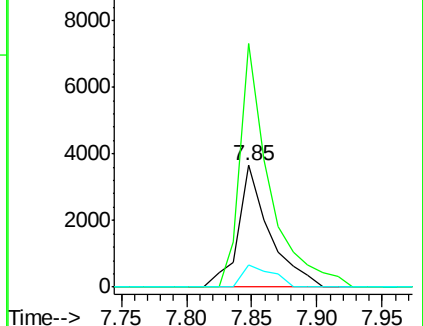
121 18.3 45.9 68.9#

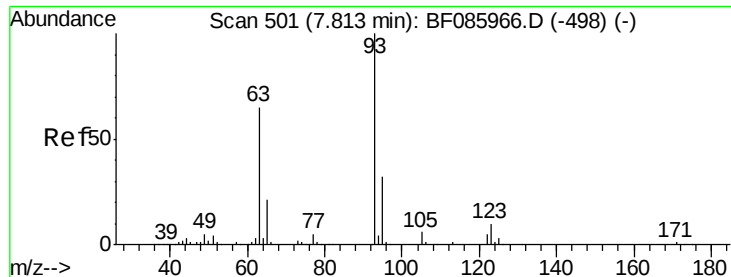


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

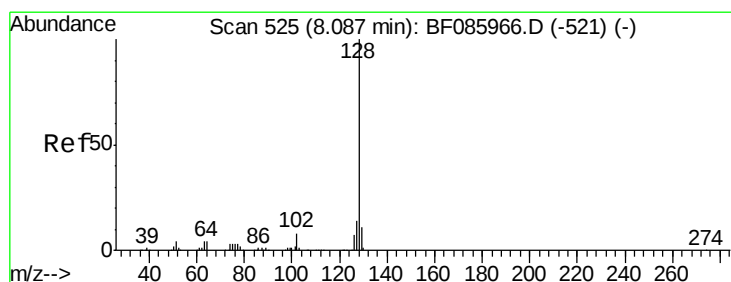
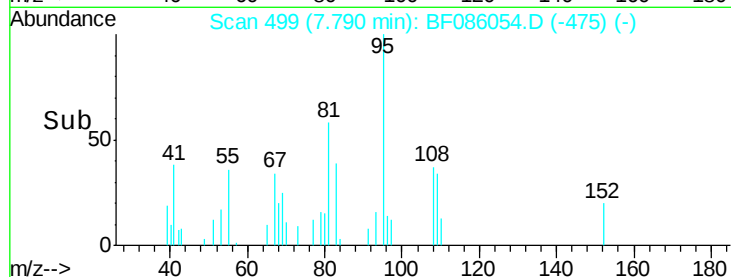
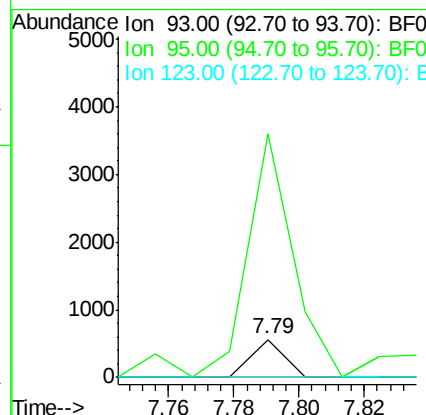
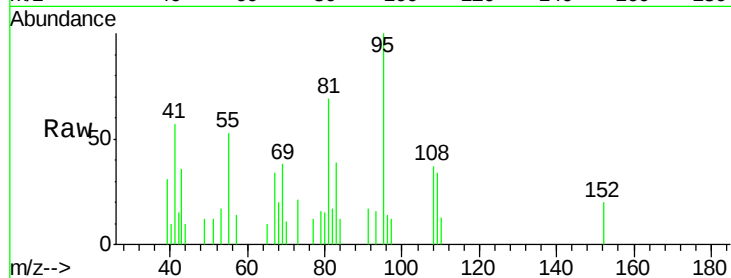




#28
bis(2-Chloroethoxy)methane
Concen: 0.05 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

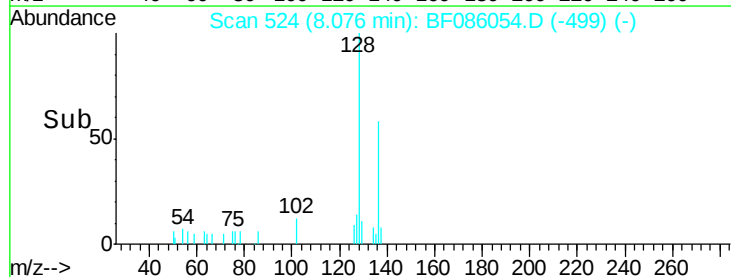
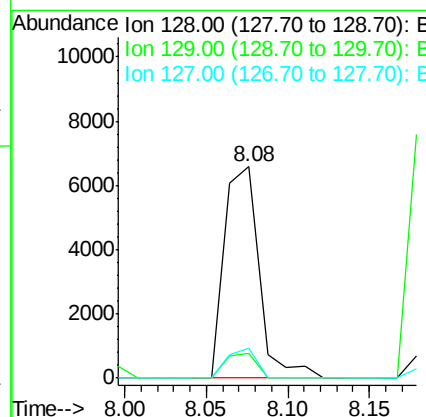
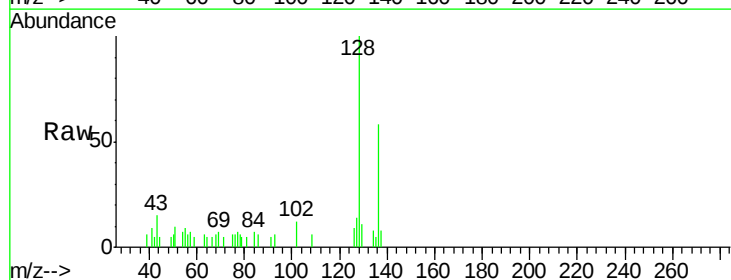
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

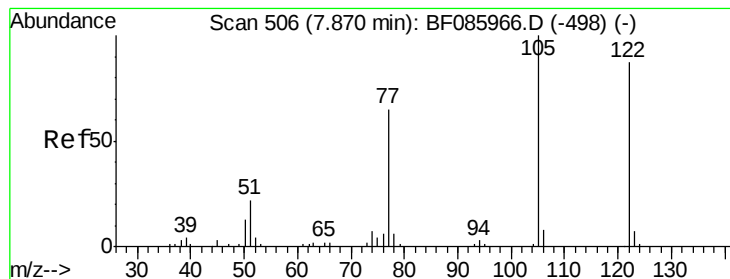
Tgt Ion: 93 Resp: 385
Ion Ratio Lower Upper
93 100
95 640.7 26.4 39.6#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.46 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion: 128 Resp: 9679
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.2 11.0 16.6





#32

Benzoic acid

Concen: 1.25 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

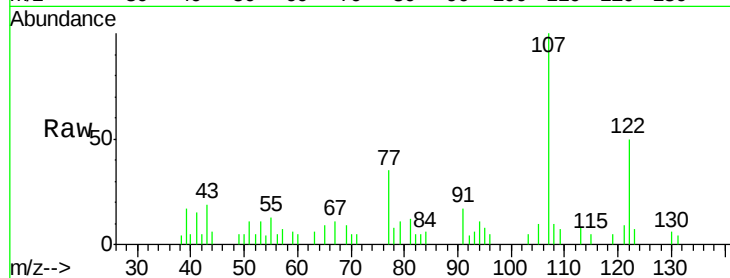
Tgt Ion:122 Resp: 6097

Ion Ratio Lower Upper

122 100

105 20.4 102.9 142.9#

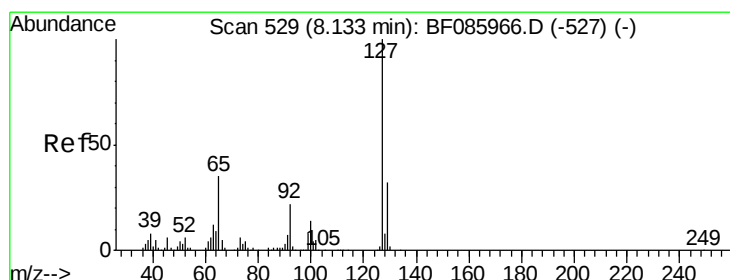
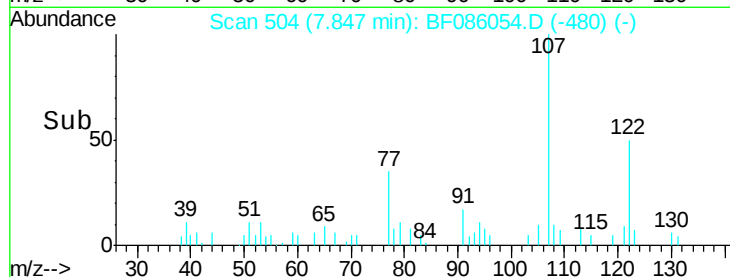
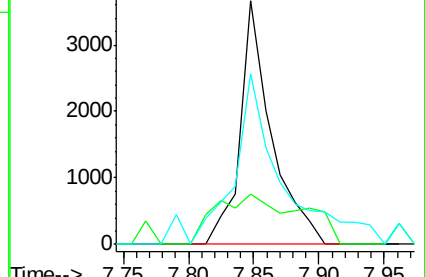
77 70.2 71.8 111.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 0.13 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Tgt Ion:127 Resp: 1144

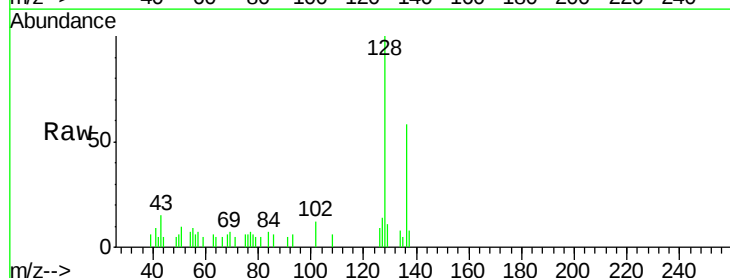
Ion Ratio Lower Upper

127 100

129 80.8 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#

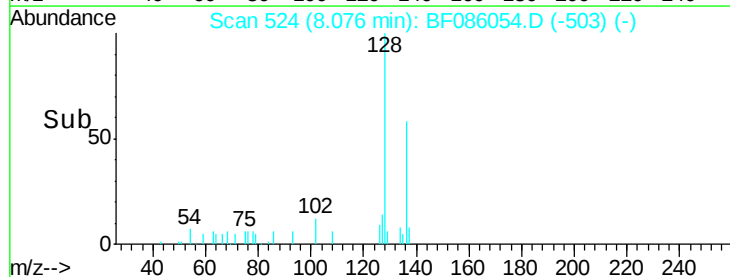
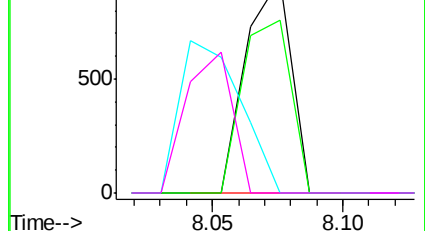


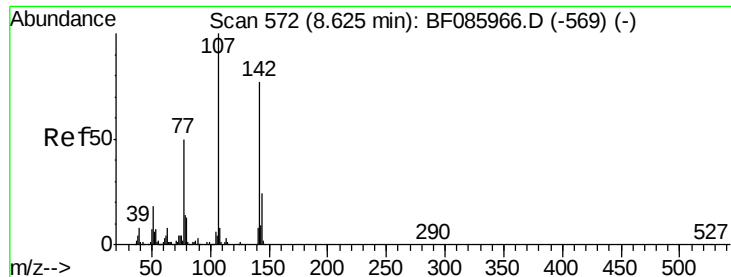
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

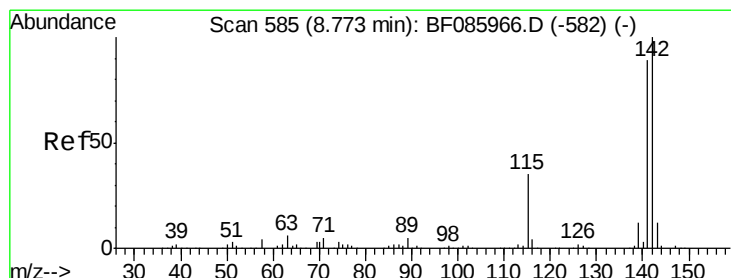
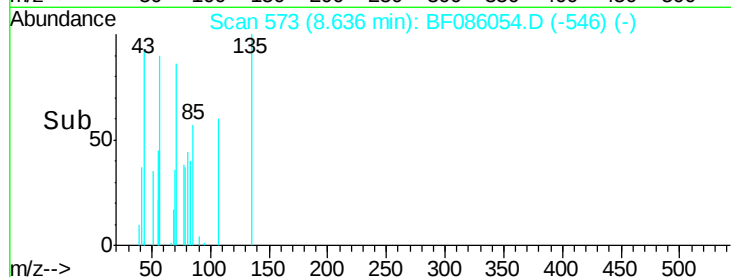
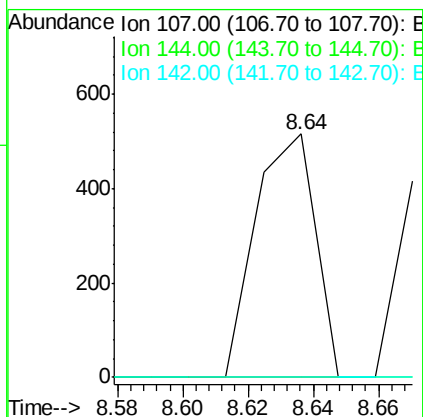
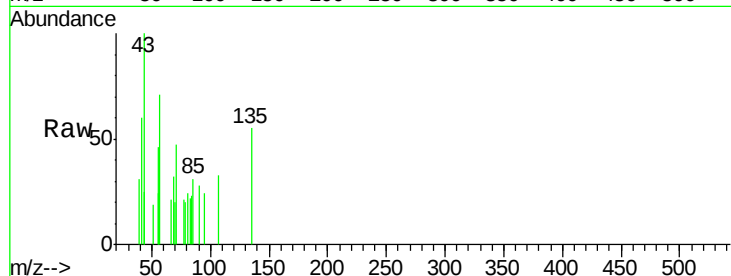




#36
 4-Chloro-3-methylphenol
 Concen: 0.10 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

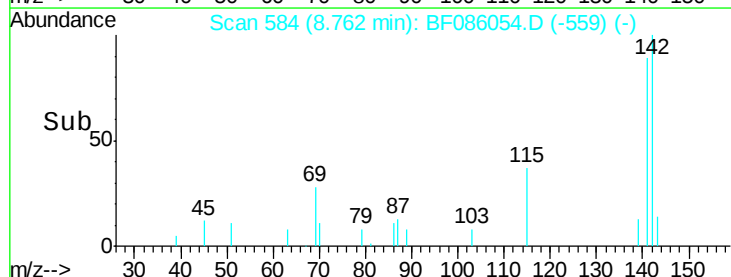
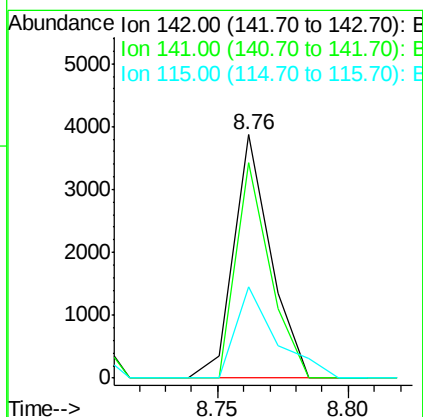
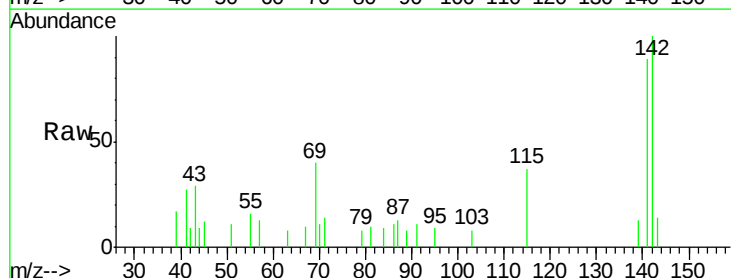
Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

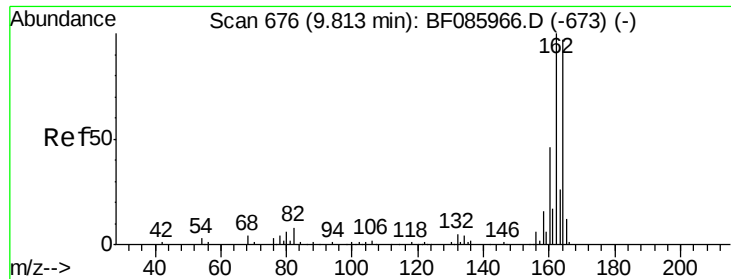
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	61.4	92.0#



#37
 2-Methylnaphthalene
 Concen: 0.28 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.2	26.8	40.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

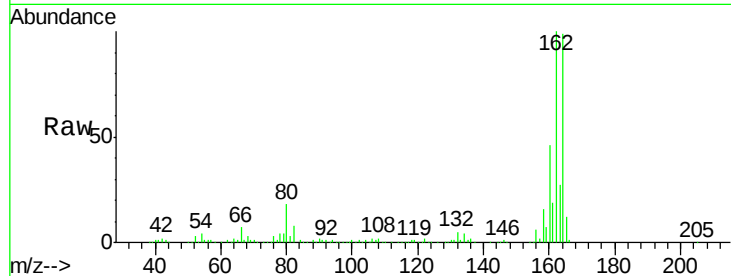
Tgt Ion:164 Resp: 176841

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

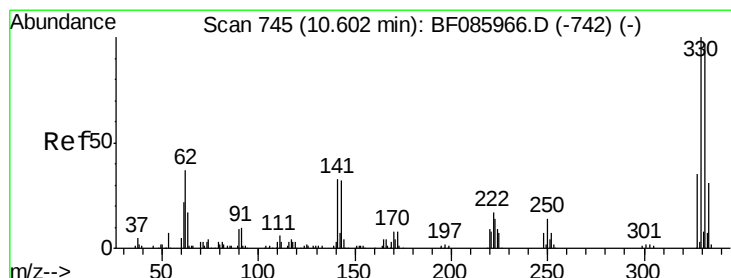
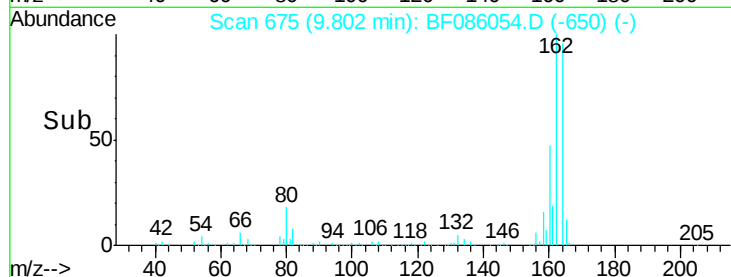
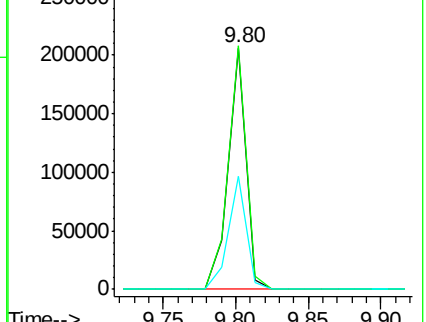
160 46.9 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 118.96 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

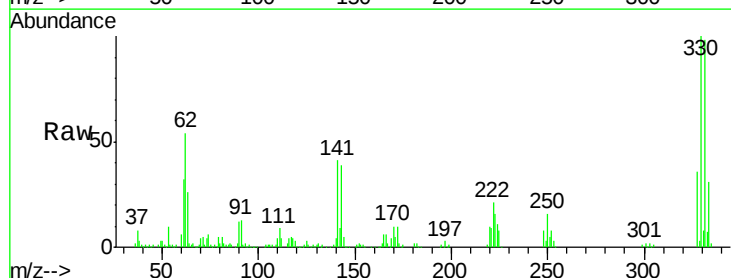
Tgt Ion:330 Resp: 197454

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.2

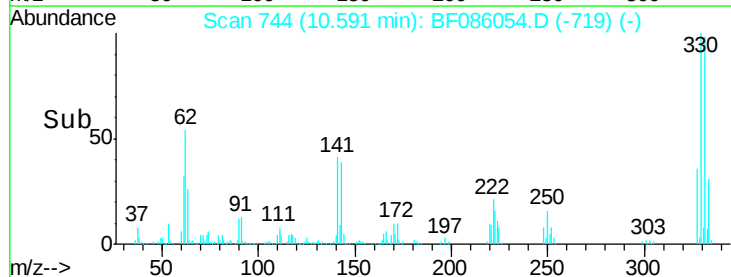
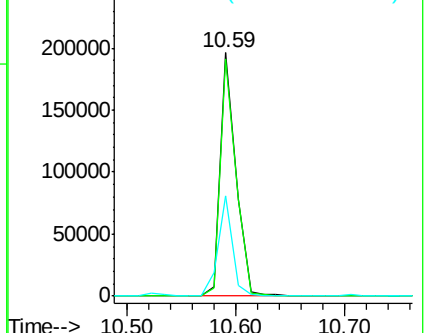
141 39.2 31.5 47.3

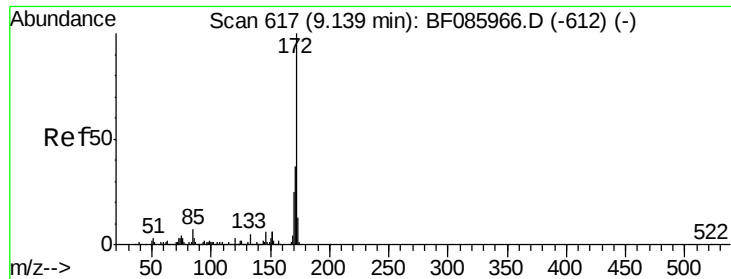


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.33 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

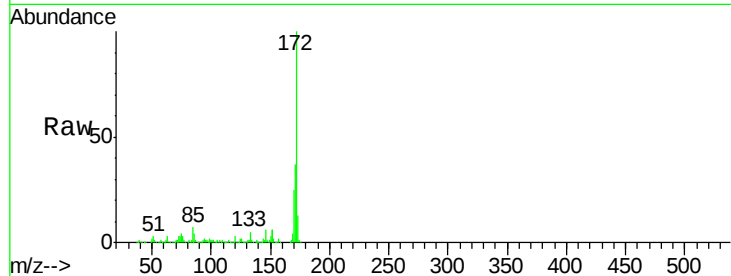
Tgt Ion:172 Resp: 1077723

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

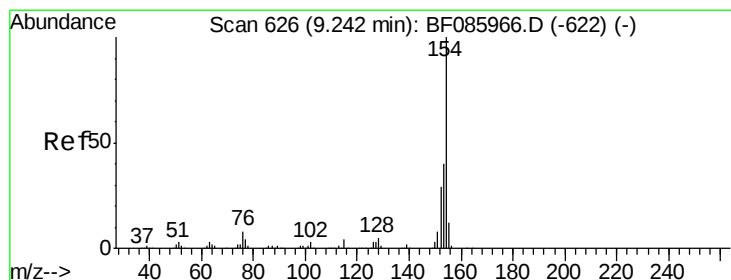
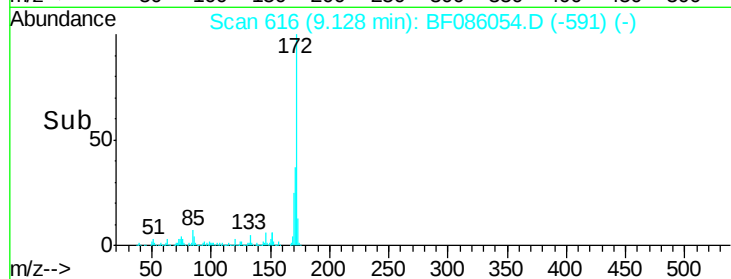
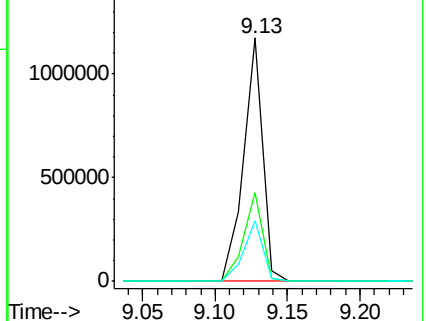
170 24.8 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.08 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

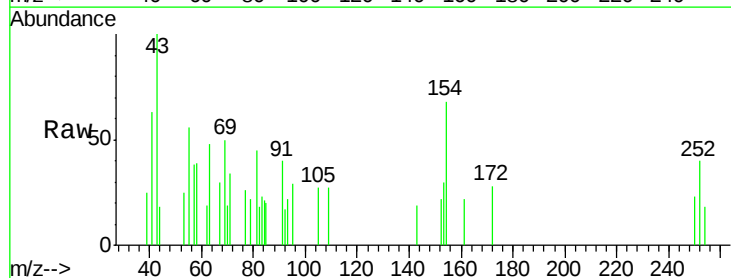
Tgt Ion:154 Resp: 1289

Ion Ratio Lower Upper

154 100

153 44.4 20.8 60.8

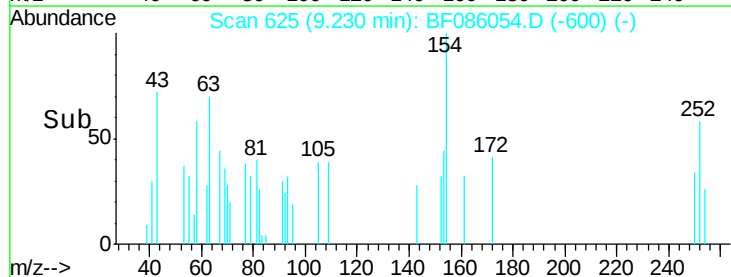
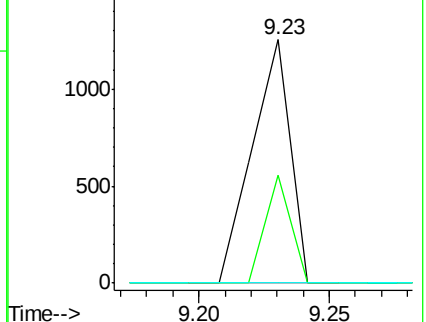
76 0.0 0.0 36.7

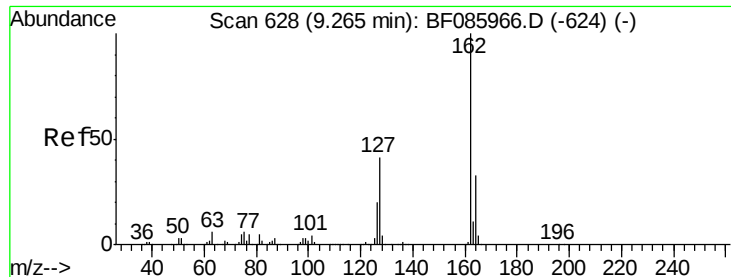


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

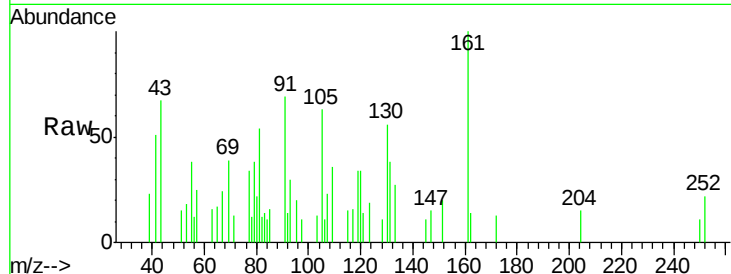




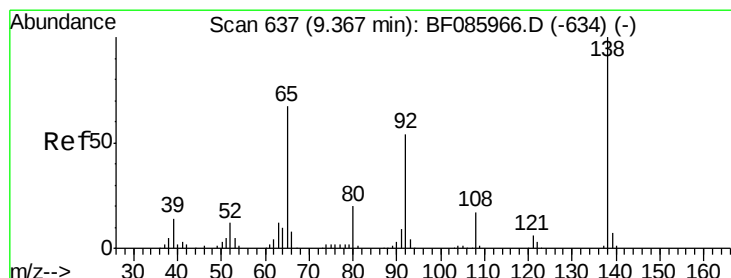
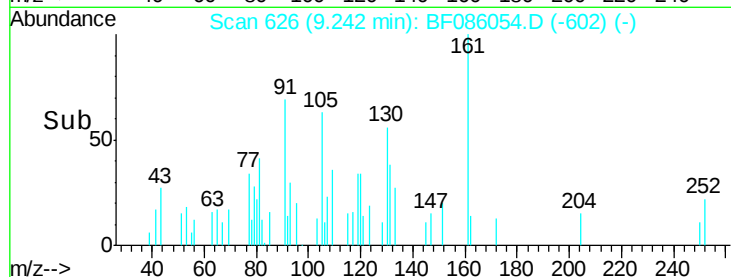
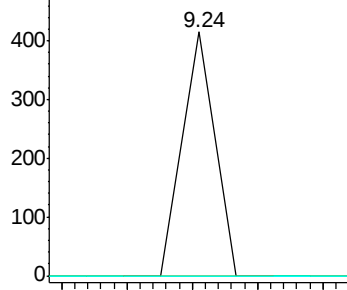
#46
 2-Chloronaphthalene
 Concen: 0.03 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Tgt Ion: 162 Resp: 285
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.7 47.5#
 164 0.0 27.3 40.9#

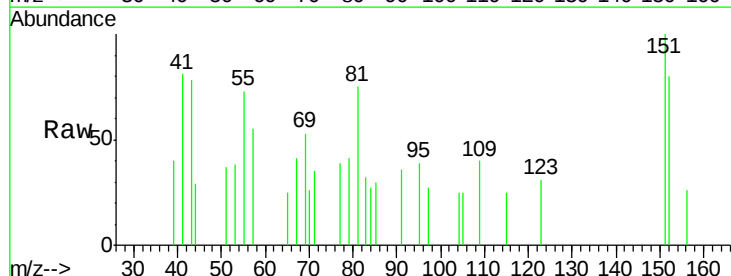


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

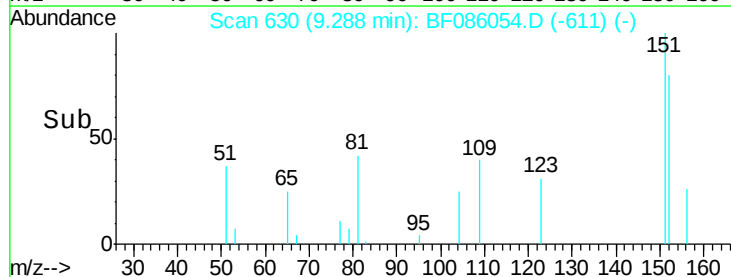
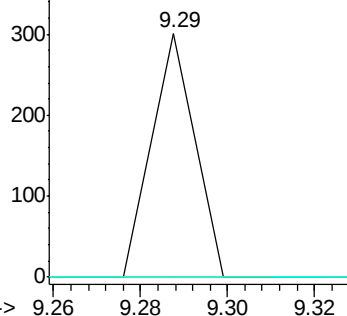


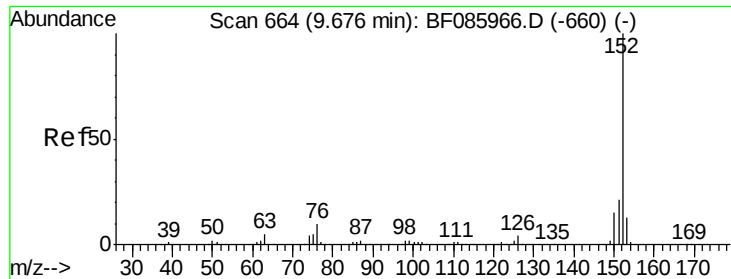
#47
 2-Nitroaniline
 Concen: 0.06 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.08 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Tgt Ion: 65 Resp: 206
 Ion Ratio Lower Upper
 65 100
 92 0.0 59.7 89.5#
 138 0.0 91.4 137.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 1.58 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

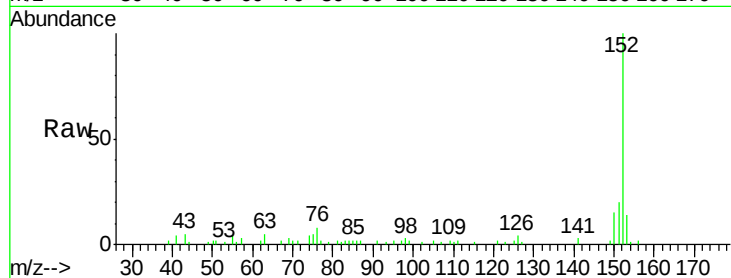
Tgt Ion:152 Resp: 27980

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

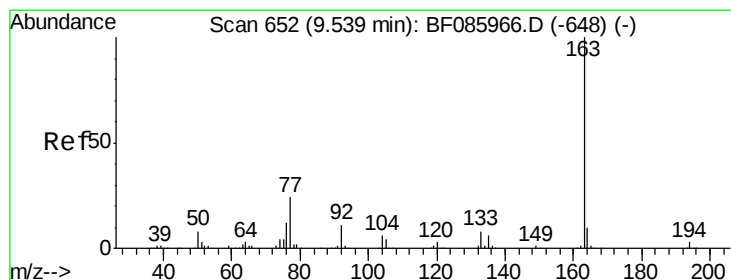
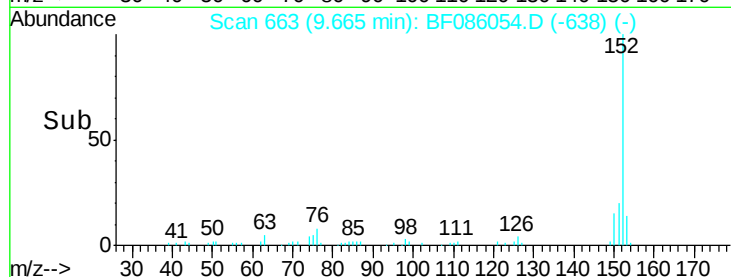
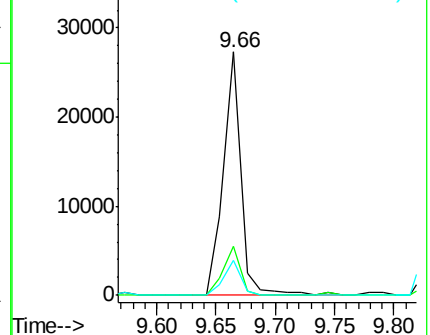
153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.55 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

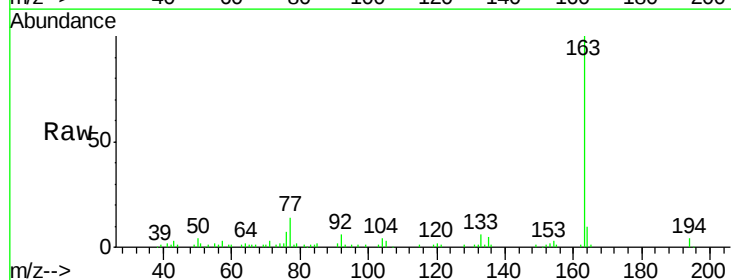
Tgt Ion:163 Resp: 98967

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

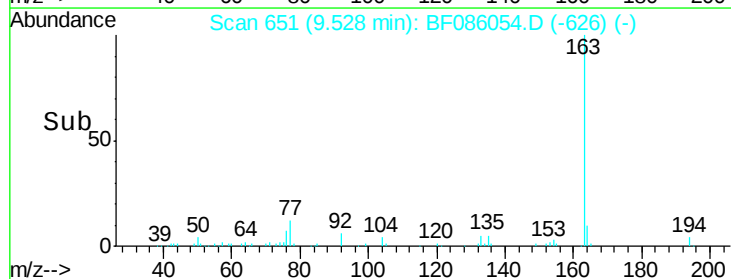
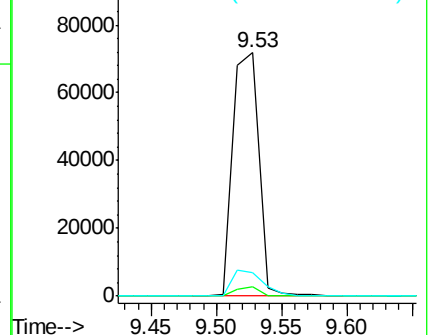
164 9.8 8.3 12.5

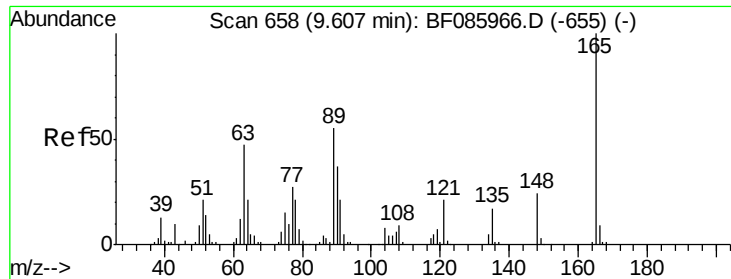


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

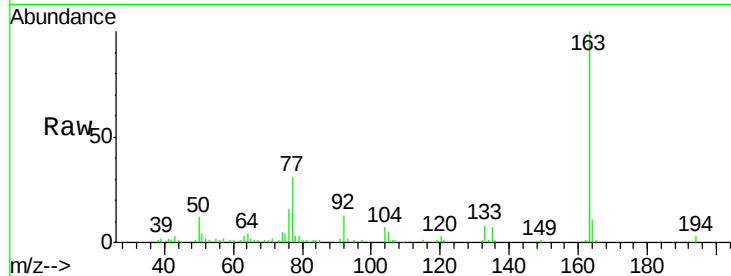




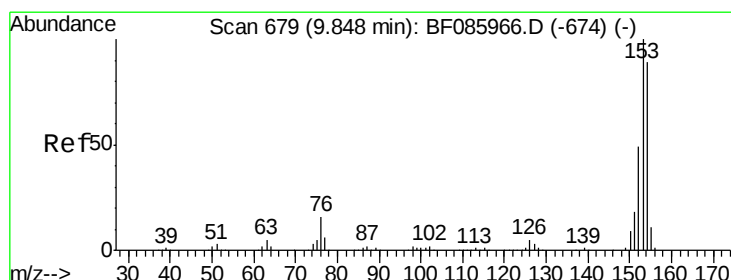
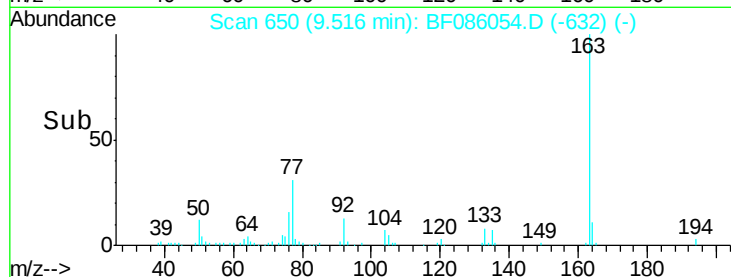
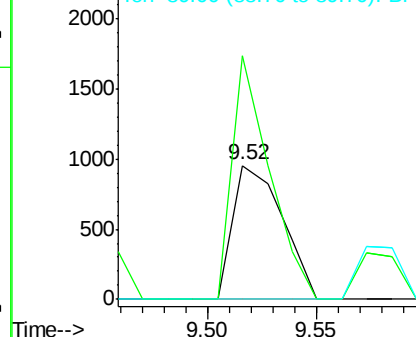
#50
2,6-Dinitrotoluene
Concen: 0.54 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.09 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

Tgt Ion:165 Resp: 1511
Ion Ratio Lower Upper
165 100
63 182.1 51.8 77.8#
89 0.0 53.7 80.5#

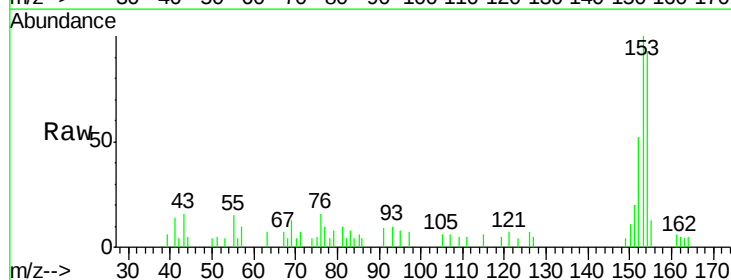


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

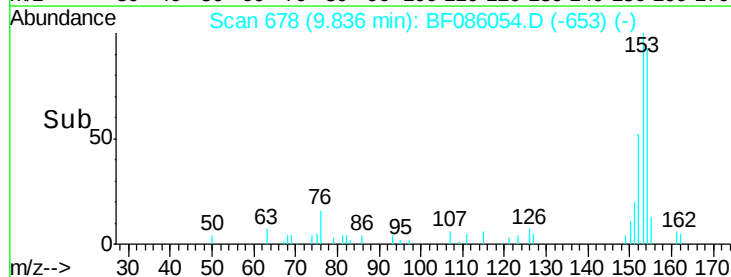
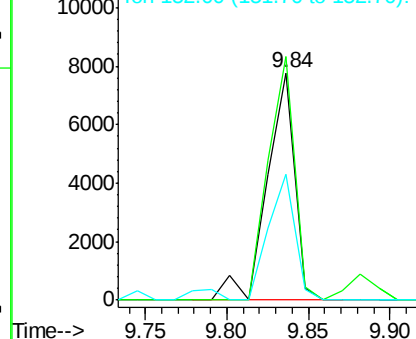


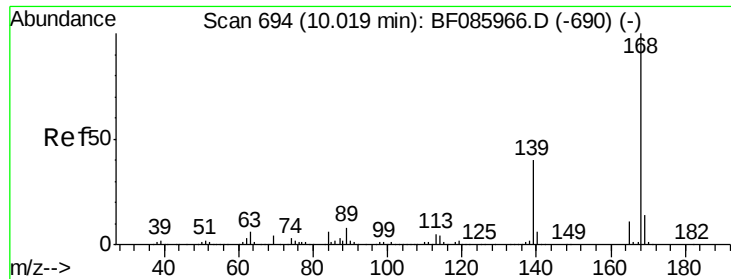
#51
Acenaphthene
Concen: 0.87 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:154 Resp: 9147
Ion Ratio Lower Upper
154 100
153 107.1 90.1 135.1
152 55.4 44.2 66.2



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

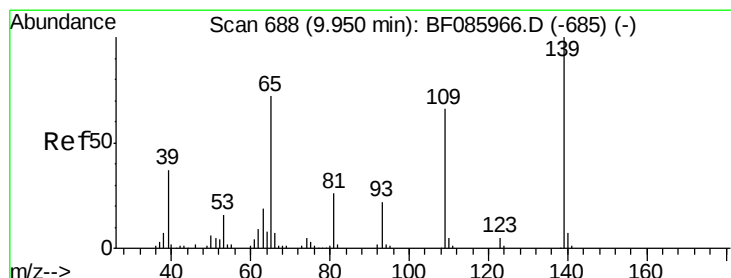
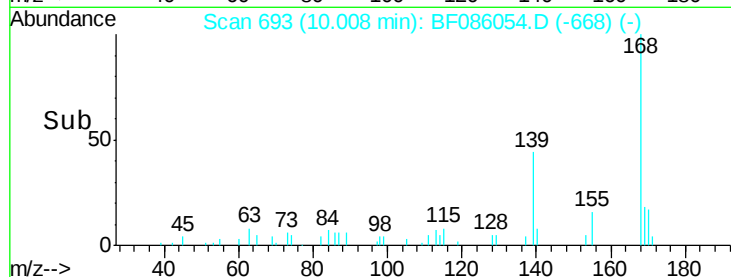
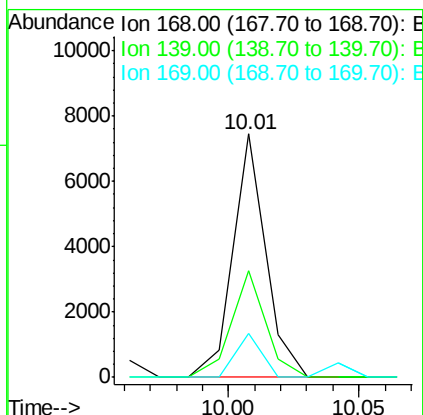
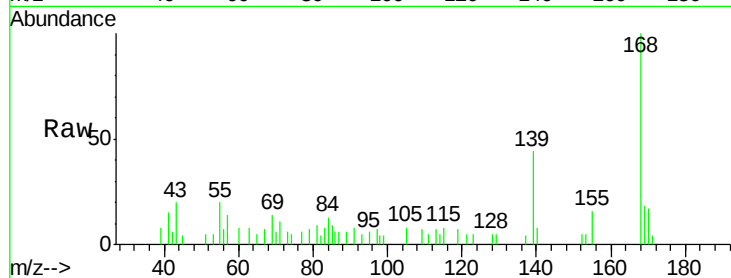




#54
Dibenzenofuran
Concen: 0.47 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

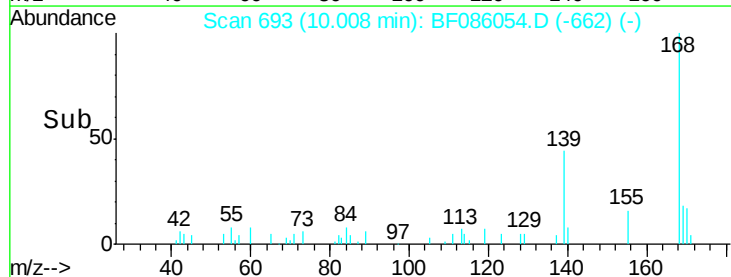
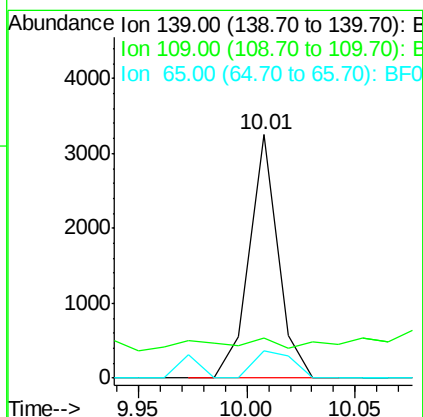
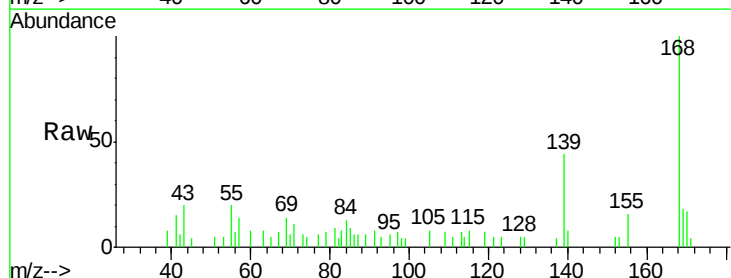
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

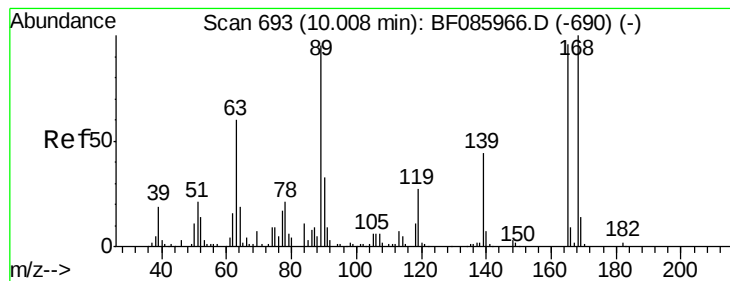
Tgt Ion:168 Resp: 6604
Ion Ratio Lower Upper
168 100
139 43.6 31.9 47.9
169 17.9 11.0 16.6#



#55
4-Nitrophenol
Concen: 1.52 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.06 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:139 Resp: 2995
Ion Ratio Lower Upper
139 100
109 16.2 49.2 89.2#
65 10.9 66.9 106.9#





#56

2,4-Dinitrotoluene

Concen: 6.51 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

Tgt Ion:165 Resp: 22799

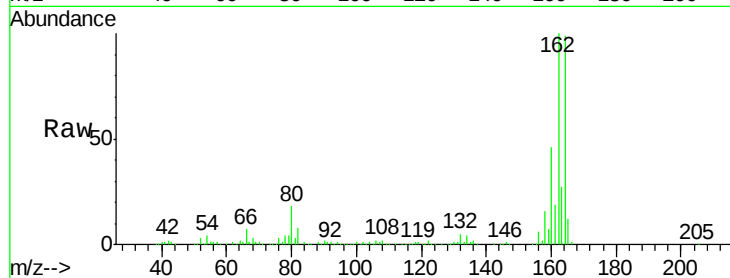
Ion Ratio Lower Upper

165 100

63 1.8 24.9 37.3#

89 2.0 41.0 61.6#

182 0.0 2.1 3.1#

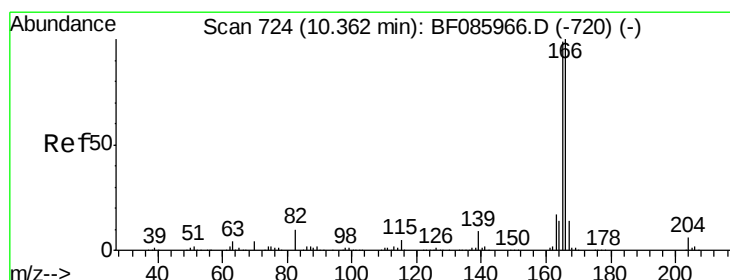
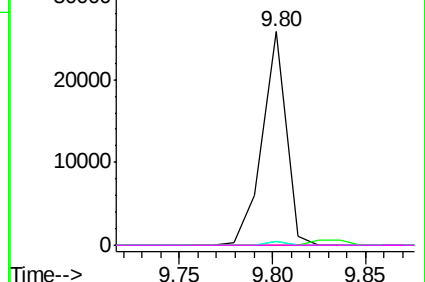
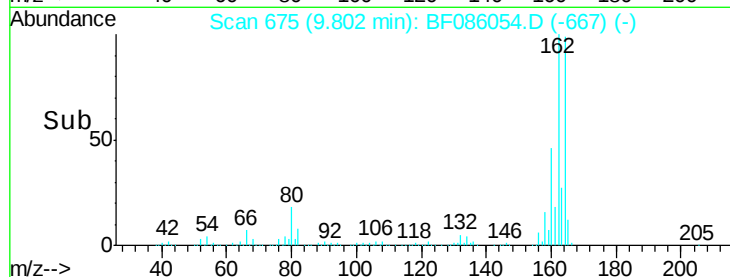


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.90 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

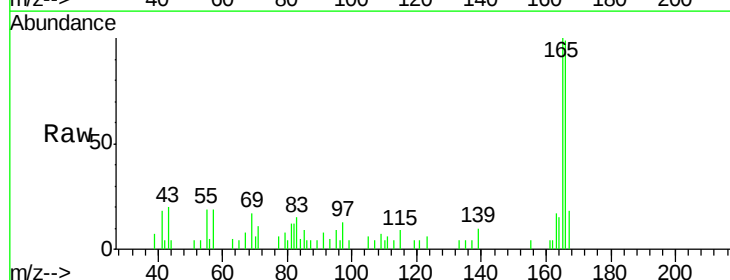
Tgt Ion:166 Resp: 10680

Ion Ratio Lower Upper

166 100

165 100.8 79.4 119.0

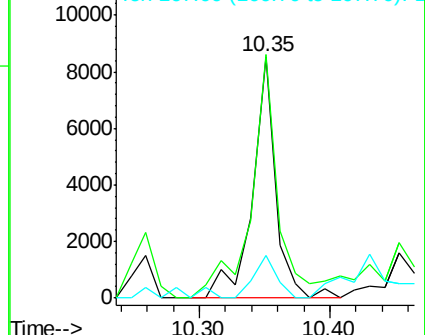
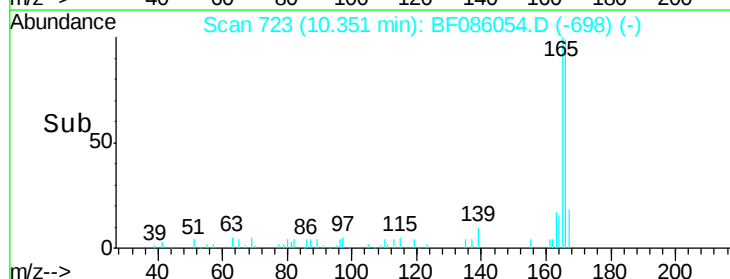
167 17.7 11.0 16.4#

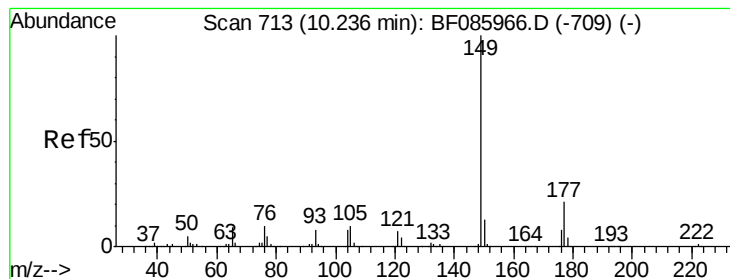


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.11 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

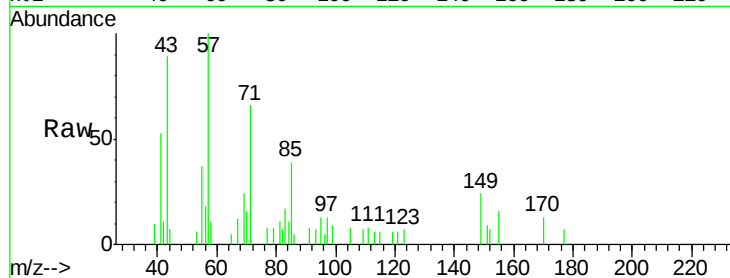
Tgt Ion: 149 Resp: 1442

Ion Ratio Lower Upper

149 100

177 27.1 17.9 26.9#

150 0.0 10.2 15.2#

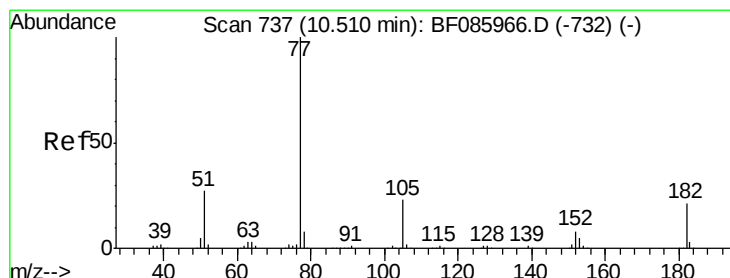
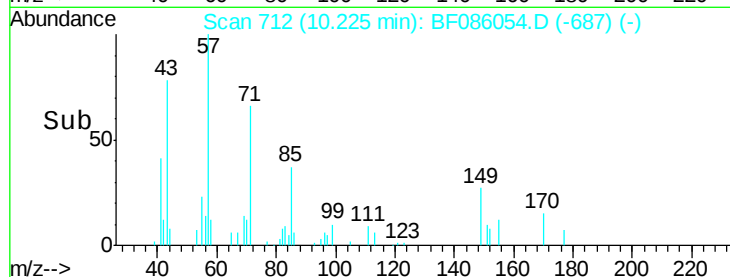
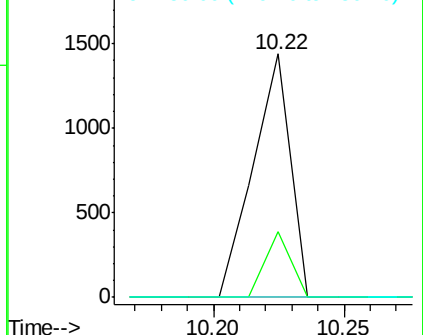


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.05 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Tgt Ion: 77 Resp: 643

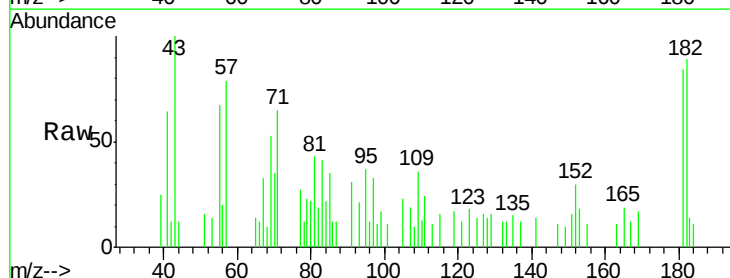
Ion Ratio Lower Upper

77 100

182 325.5 1.9 41.9#

105 82.6 3.5 43.5#

51 59.7 6.3 46.3#



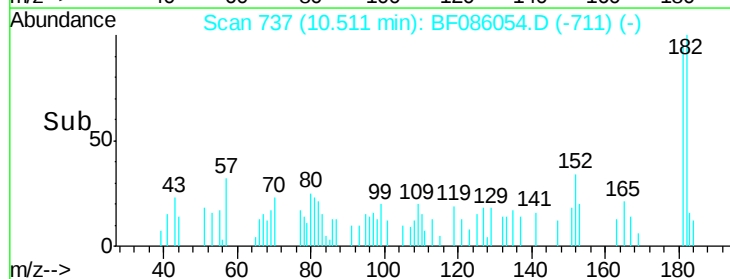
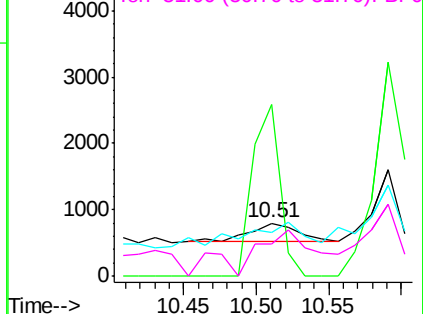
Abundance

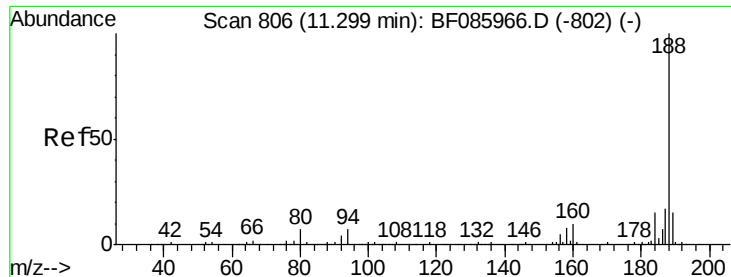
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

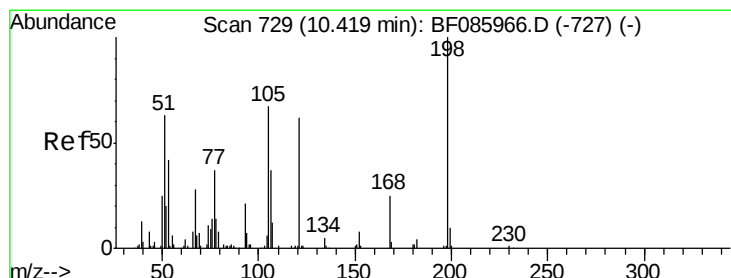
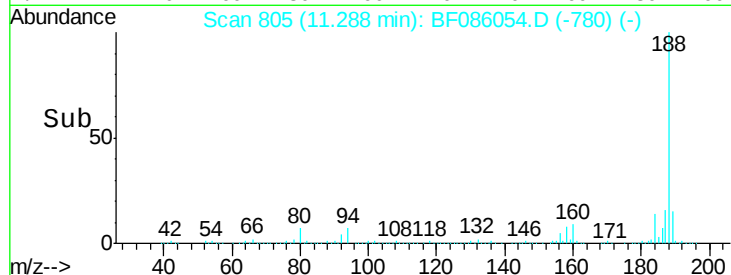
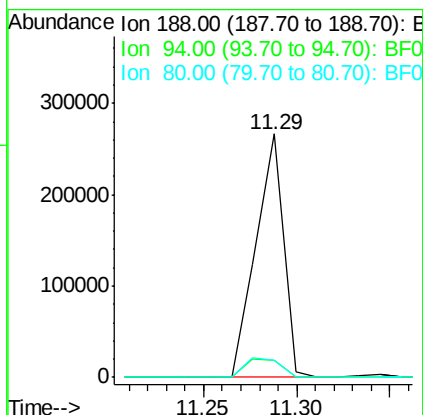
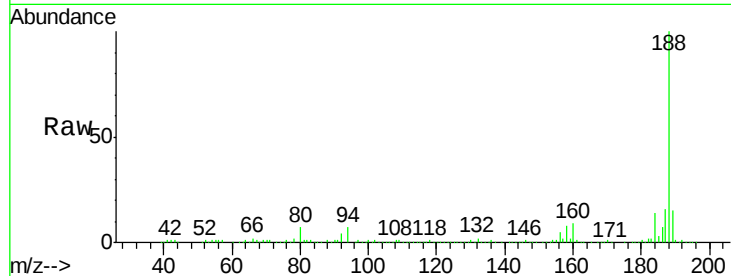




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

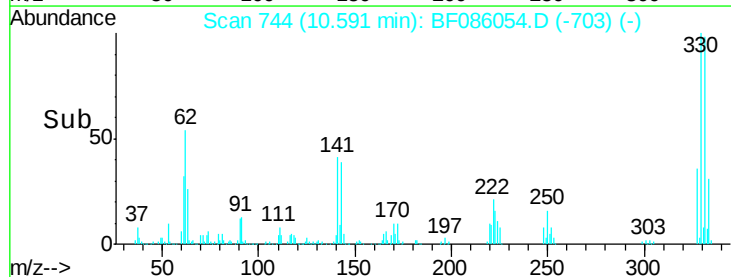
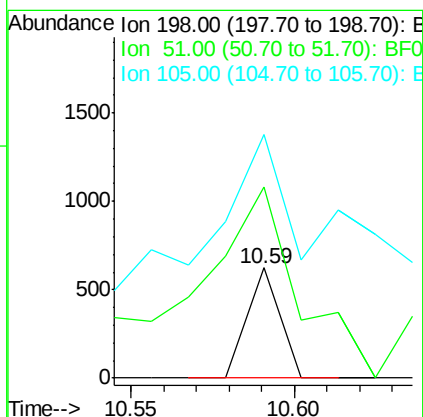
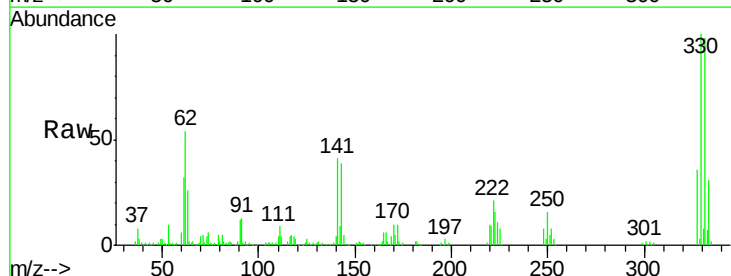
Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

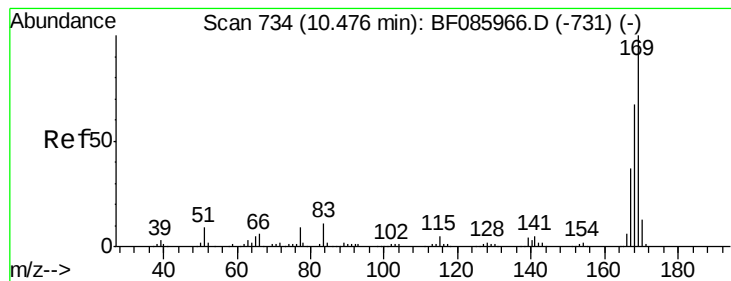
Tgt Ion:188 Resp: 273804
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.4 8.0
 80 7.0 5.5 8.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.26 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.17 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Tgt Ion:198 Resp: 429
 Ion Ratio Lower Upper
 198 100
 51 172.8 45.4 85.4#
 105 220.5 45.9 85.9#

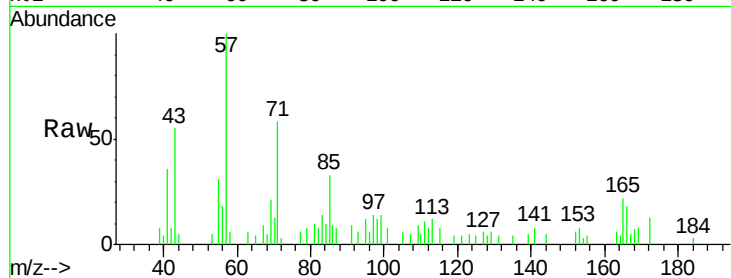




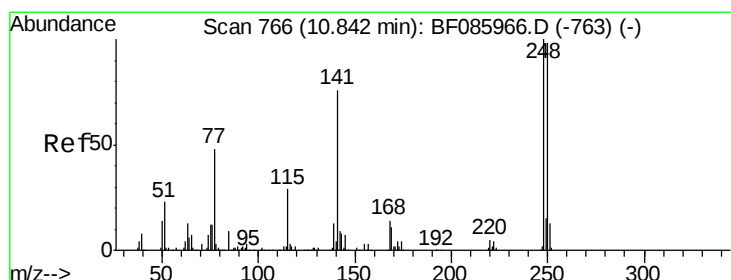
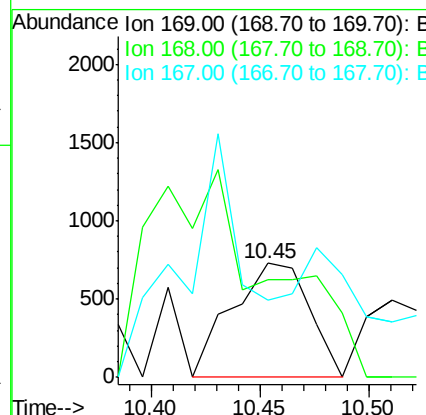
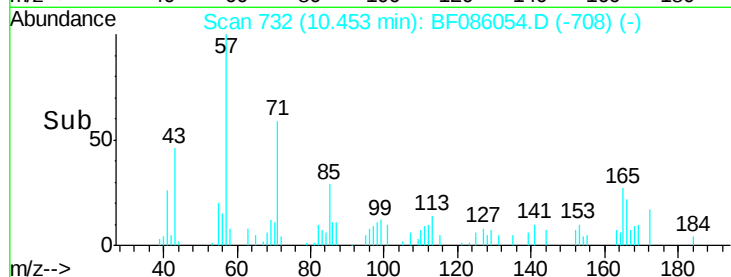
#65
 n-Nitrosodiphenylamine
 Concen: 0.21 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Tgt Ion:169 Resp: 1810
 Ion Ratio Lower Upper
 169 100
 168 85.3 54.4 81.6#
 167 68.1 29.4 44.0#

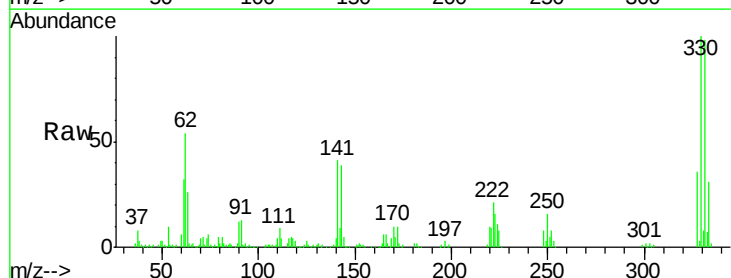


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

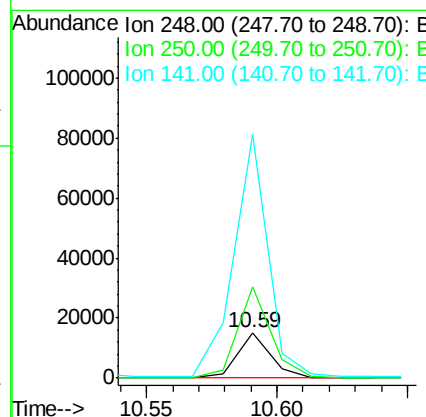
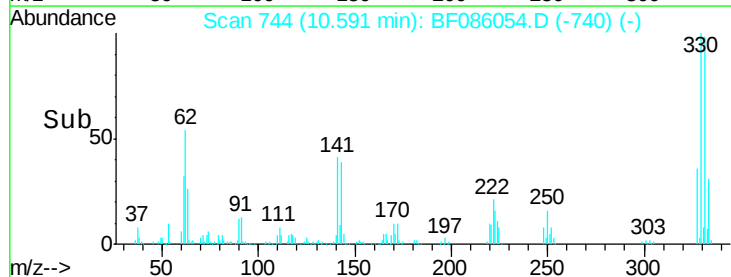


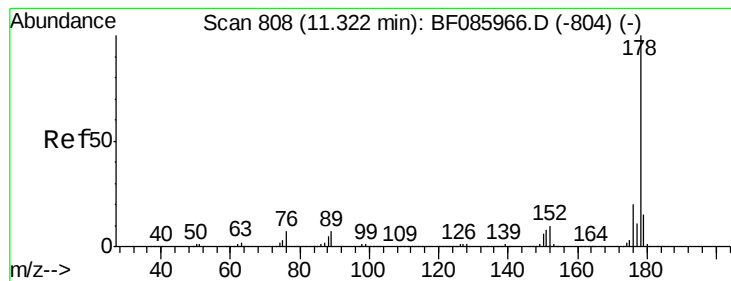
#66
 4-Bromophenyl-phenylether
 Concen: 4.76 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086054.D
 Acq: 4 Apr 2016 23:06

Tgt Ion:248 Resp: 13306
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.4 116.0#
 141 538.3 63.6 95.4#



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





#70

Phenanthrene

Concen: 11.41 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

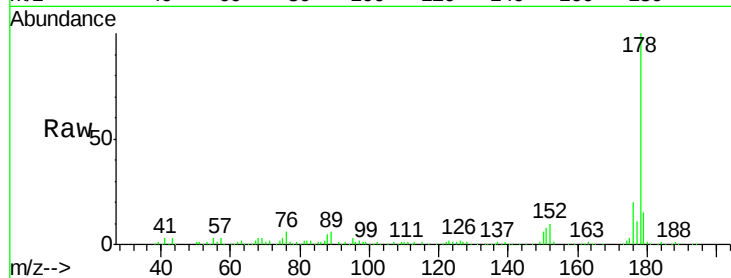
Tgt Ion:178 Resp: 170462

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

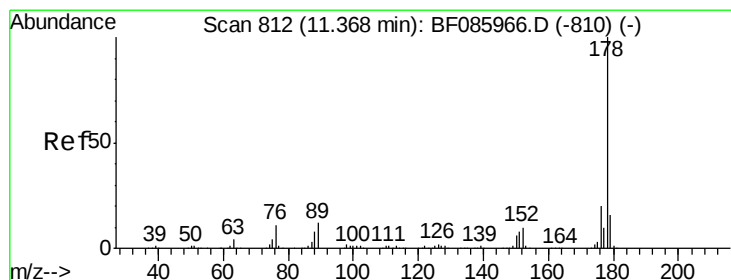
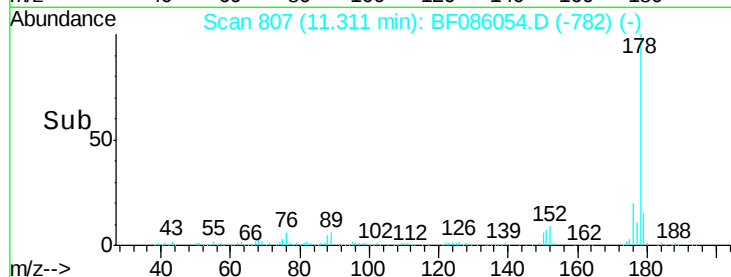
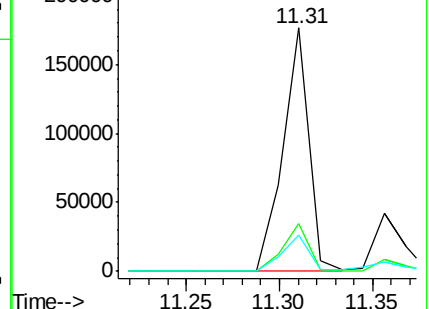
179 14.9 12.6 18.8



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: 2.84 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

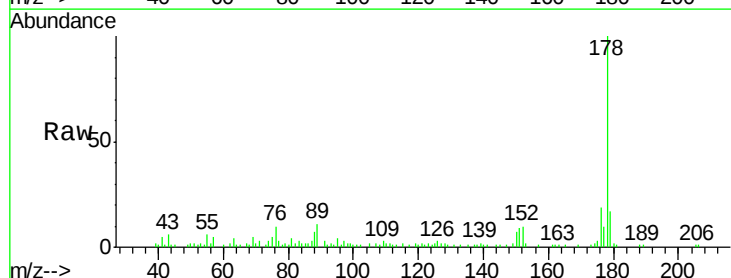
Tgt Ion:178 Resp: 44443

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

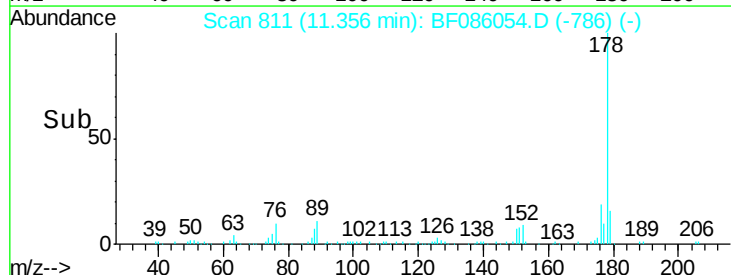
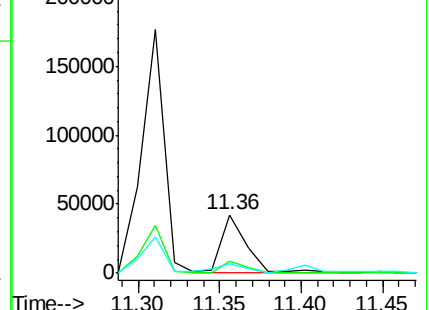
179 16.7 13.0 19.4

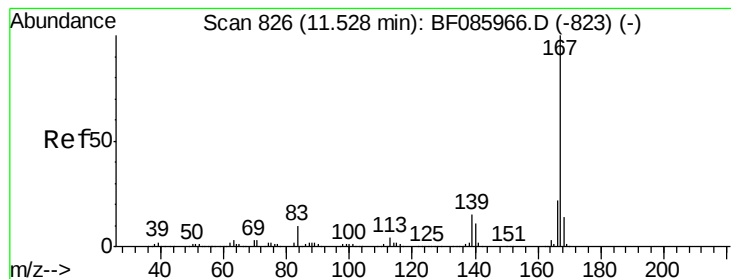


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 1.12 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

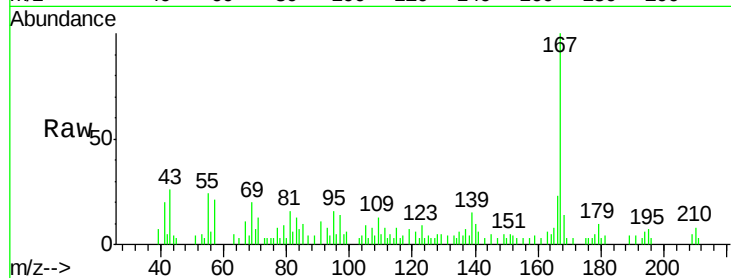
Tgt Ion:167 Resp: 15094

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.8

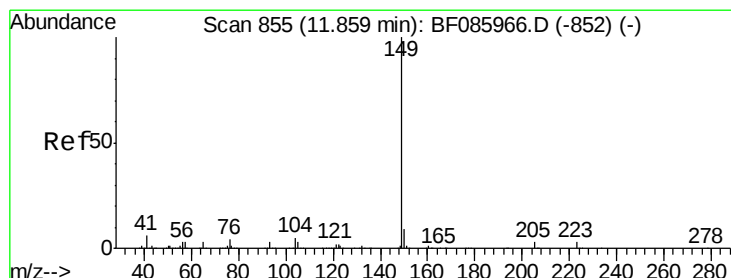
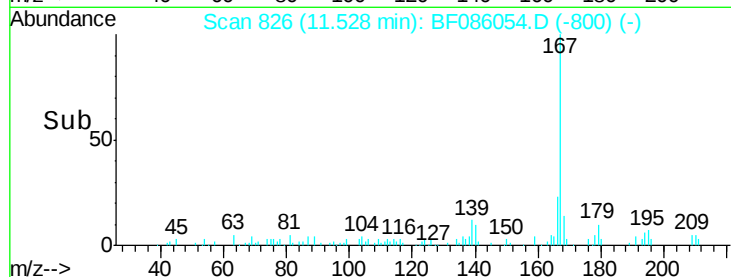
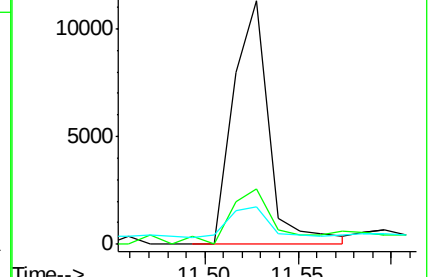
139 15.3 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.43 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

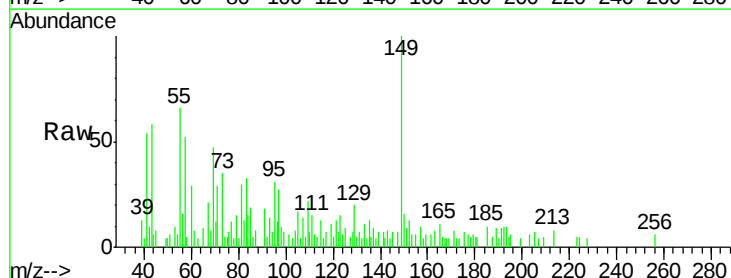
Tgt Ion:149 Resp: 7095

Ion Ratio Lower Upper

149 100

150 15.6 7.6 11.4#

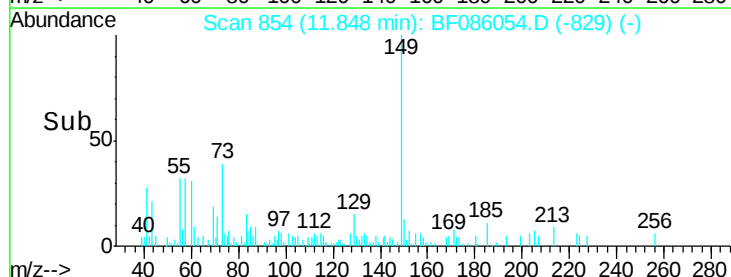
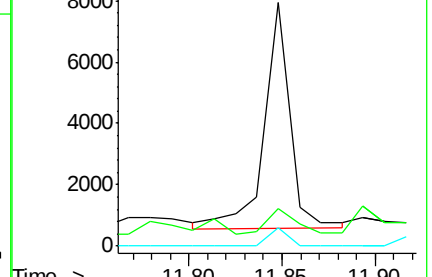
104 7.7 3.8 5.8#

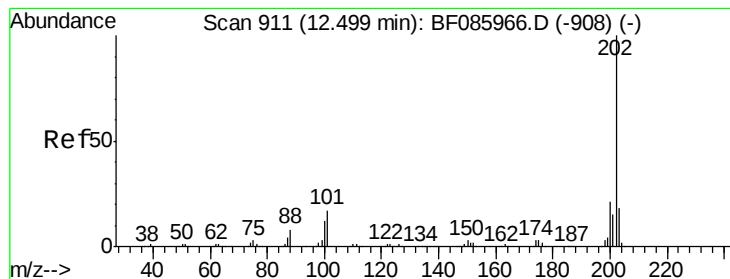


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 22.28 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

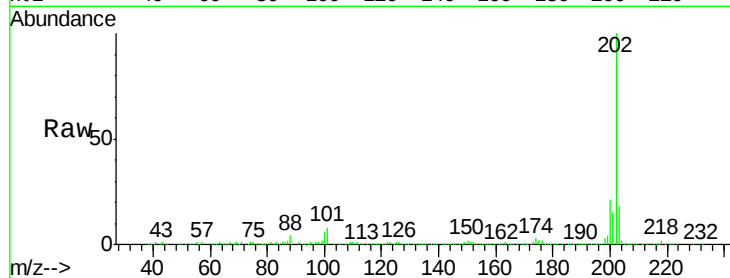
Tgt Ion:202 Resp: 346131

Ion Ratio Lower Upper

202 100

101 8.1 0.0 36.6

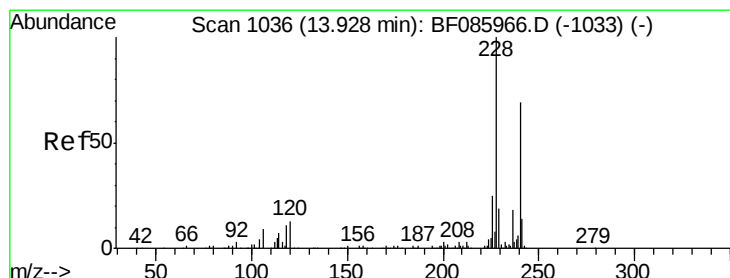
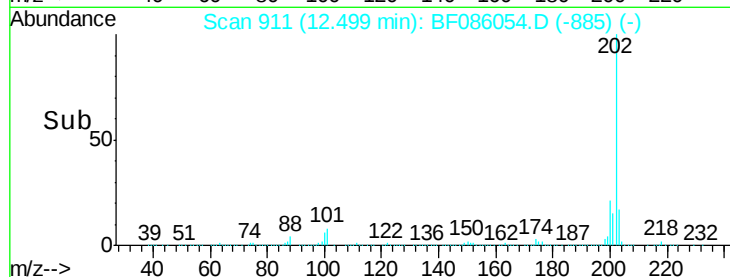
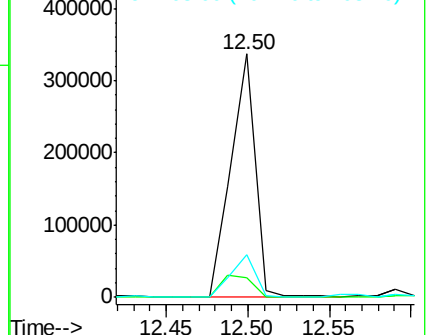
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

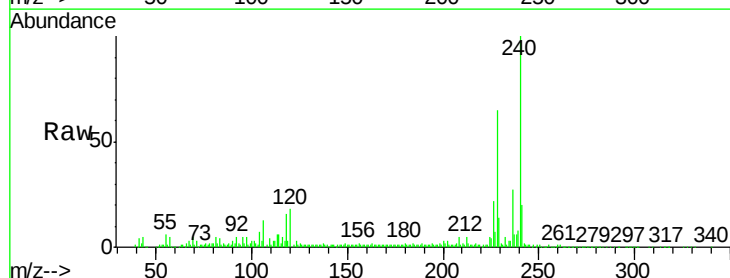
Tgt Ion:240 Resp: 197324

Ion Ratio Lower Upper

240 100

120 18.0 13.8 20.8

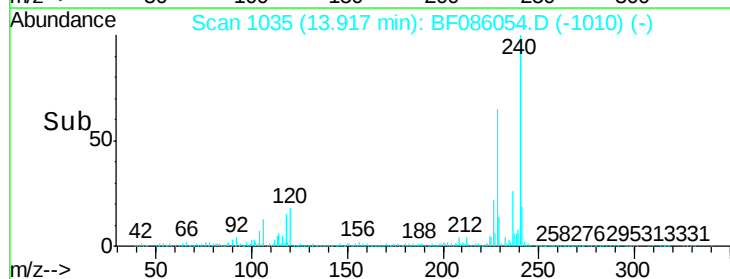
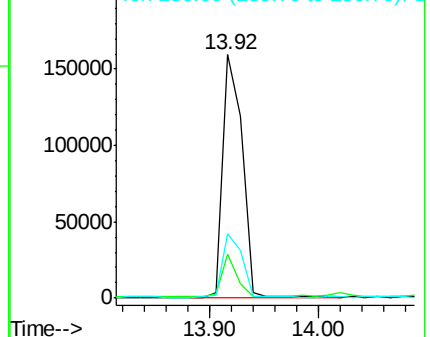
236 26.7 20.6 30.8

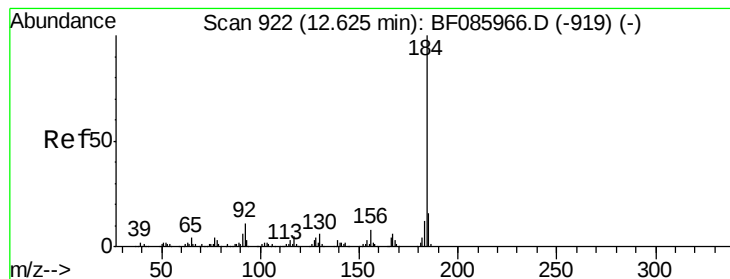


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.21 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

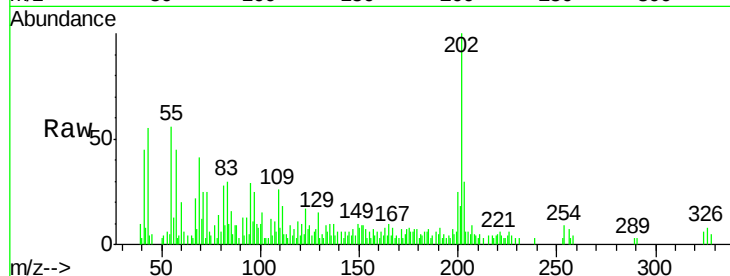
Tgt Ion:184 Resp: 1429

Ion Ratio Lower Upper

184 100

185 114.3 12.4 18.6#

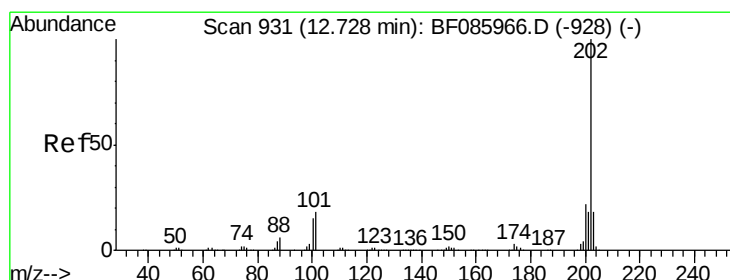
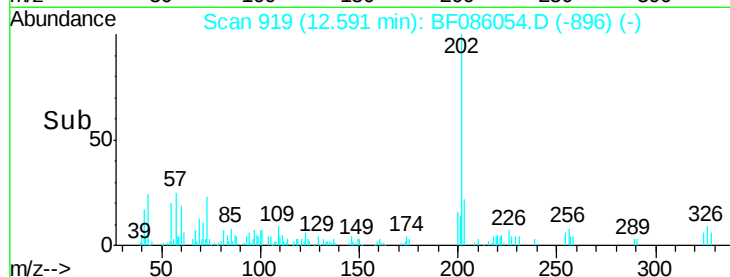
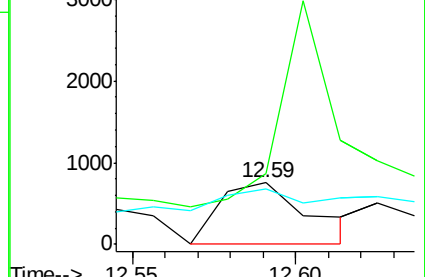
183 90.8 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 22.97 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

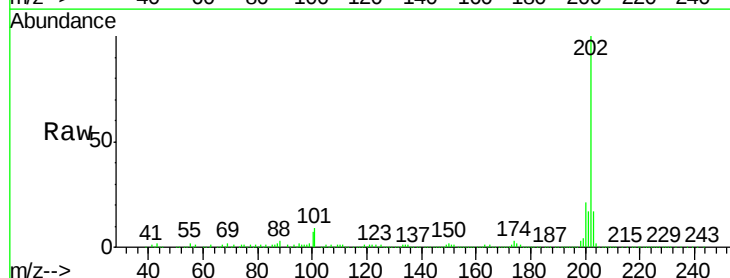
Tgt Ion:202 Resp: 319403

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

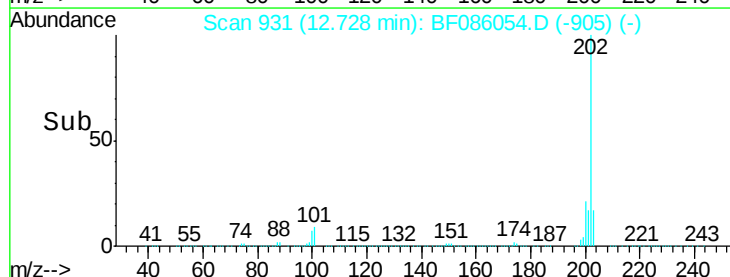
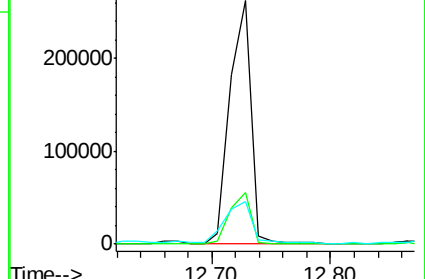
203 17.5 14.0 21.0

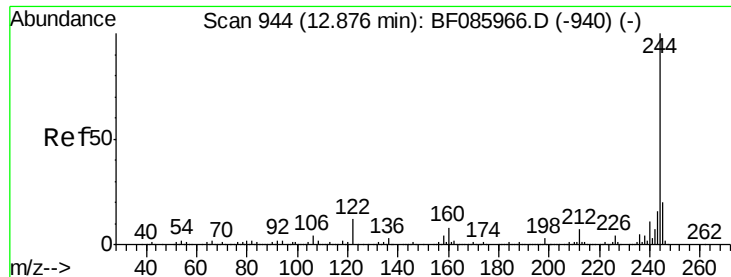


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.57 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

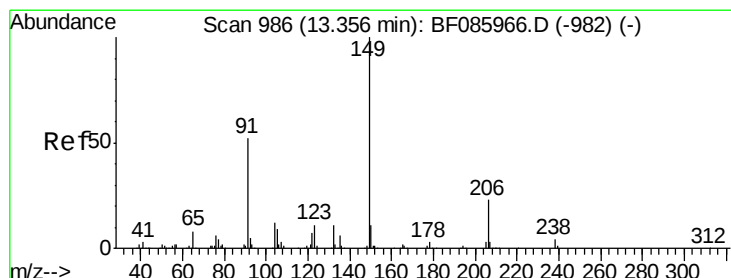
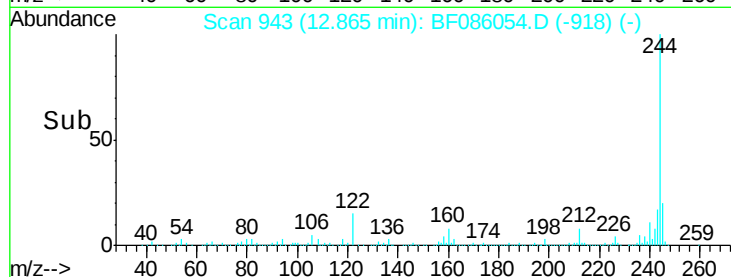
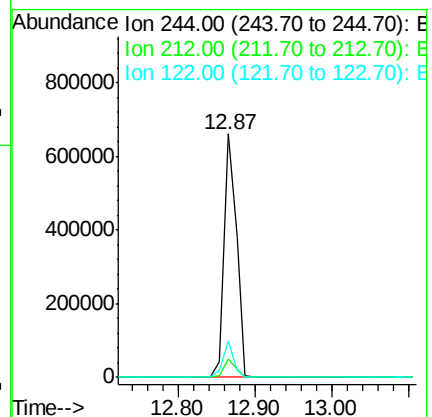
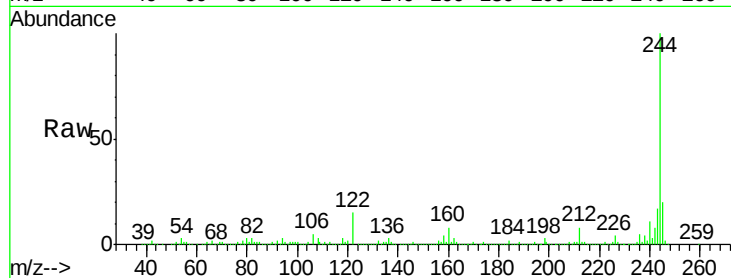
Tgt Ion:244 Resp: 751885

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 14.7 10.2 15.4



#79

Butylbenzylphthalate

Concen: 0.28 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

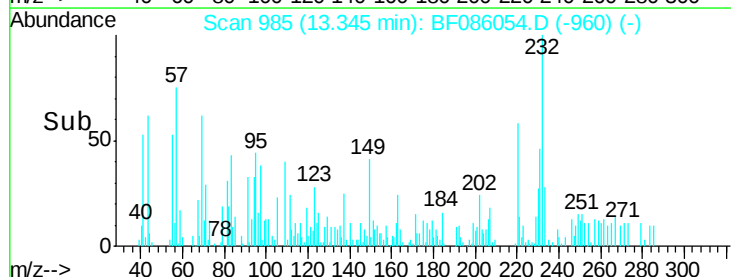
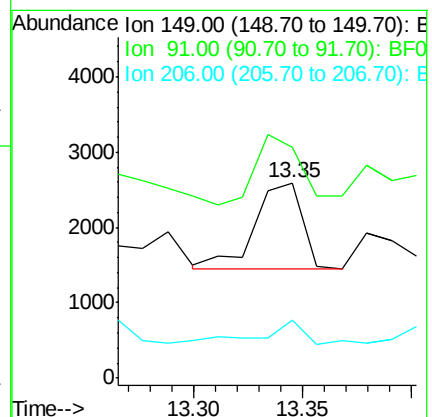
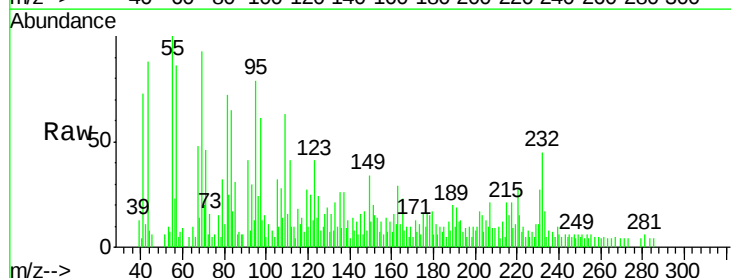
Tgt Ion:149 Resp: 1761

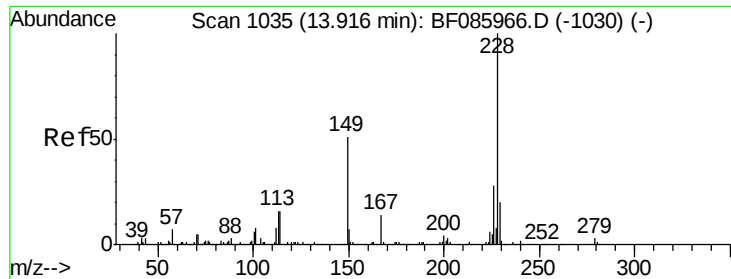
Ion Ratio Lower Upper

149 100

91 118.5 45.8 68.8#

206 29.4 17.8 26.8#

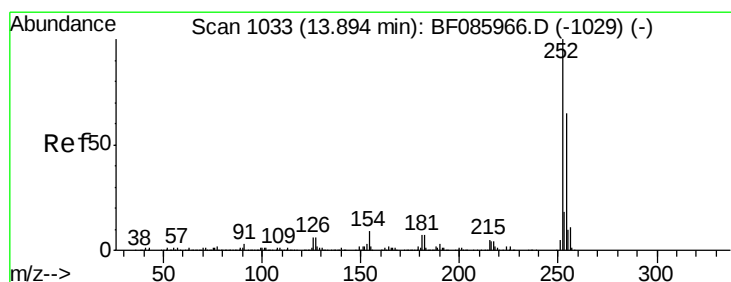
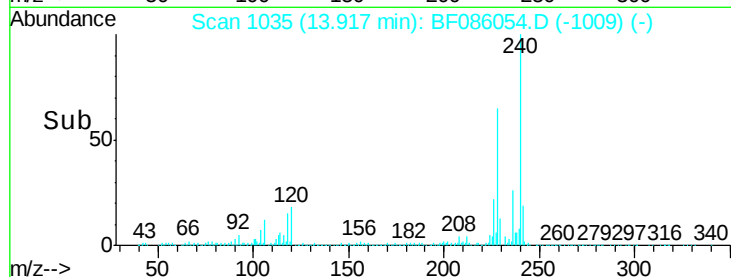
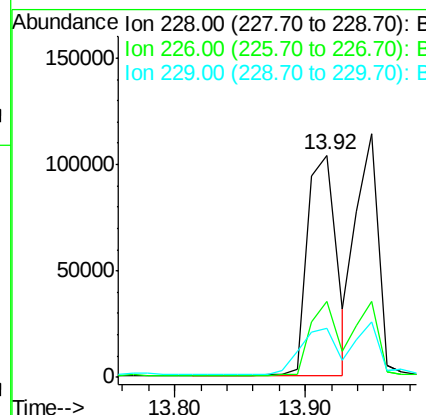
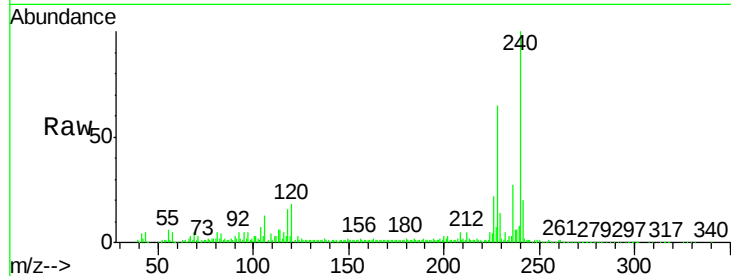




#80
Benzo(a)anthracene
Concen: 13.87 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

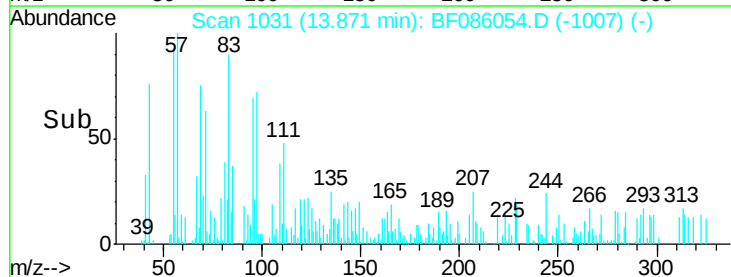
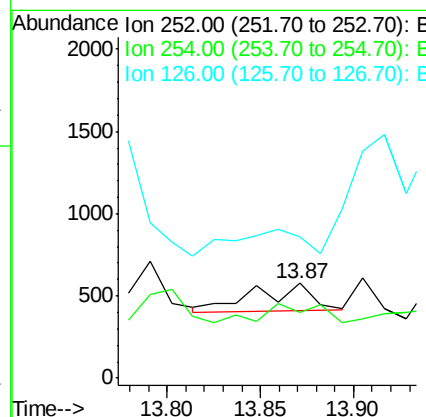
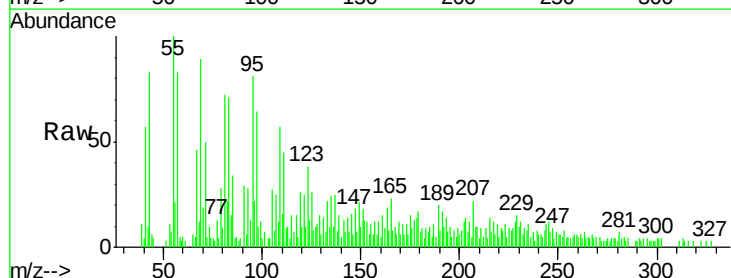
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

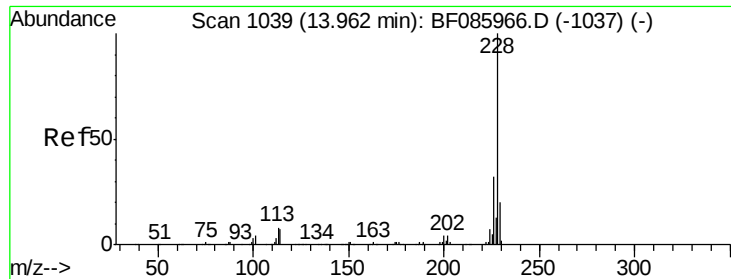
Tgt Ion:228 Resp: 161330
Ion Ratio Lower Upper
228 100
226 33.9 22.1 33.1#
229 22.0 16.2 24.4



#81
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:252 Resp: 352
Ion Ratio Lower Upper
252 100
254 69.2 50.7 76.1
126 148.7 11.8 17.6#





#82

Chrysene

Concen: 14.40 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

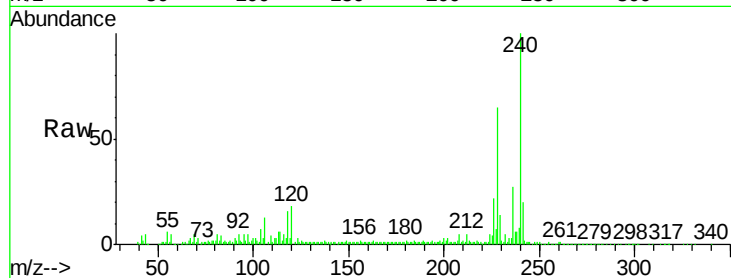
Tgt Ion:228 Resp: 161330

Ion Ratio Lower Upper

228 100

226 33.9 25.0 37.6

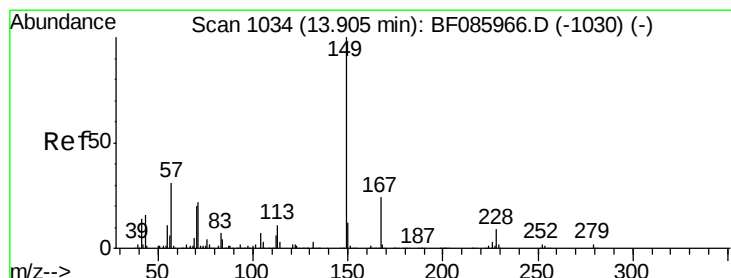
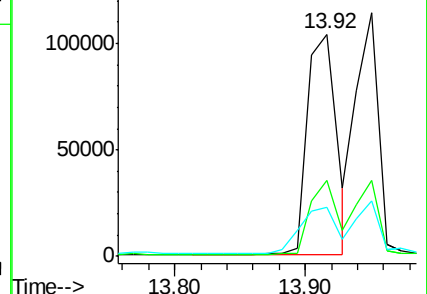
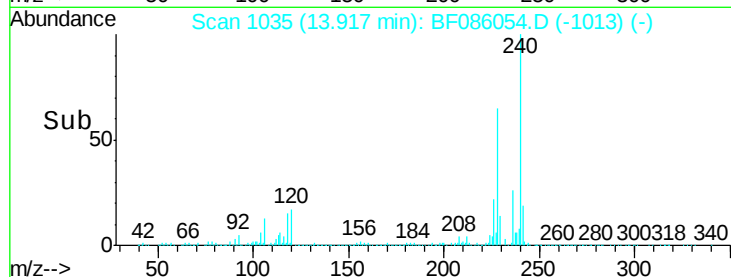
229 22.0 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.14 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

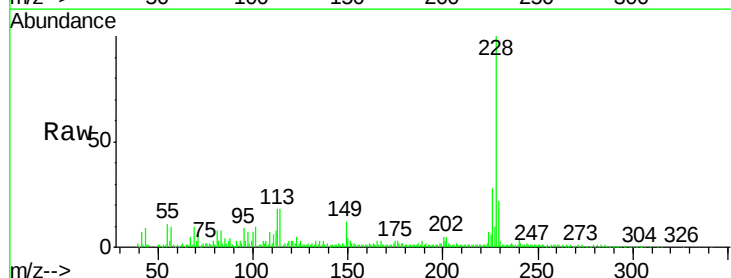
Tgt Ion:149 Resp: 9509

Ion Ratio Lower Upper

149 100

167 29.5 19.4 29.2#

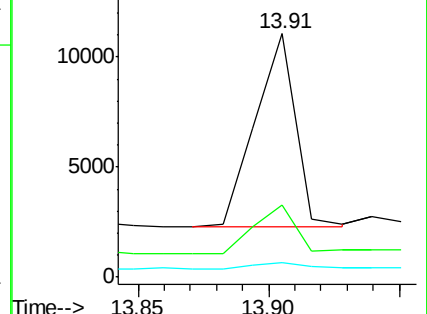
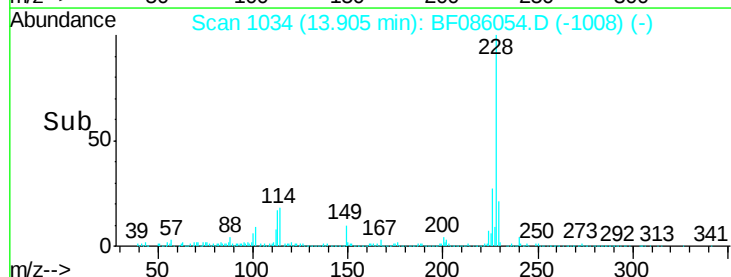
279 6.2 1.5 2.3#

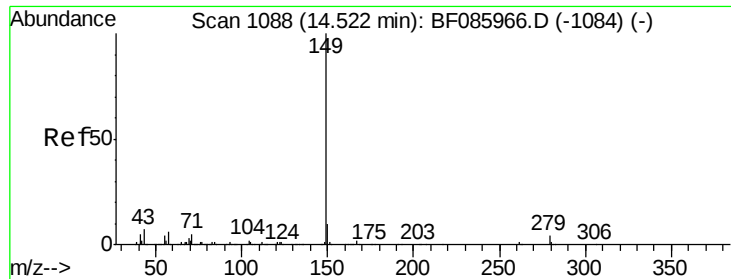


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

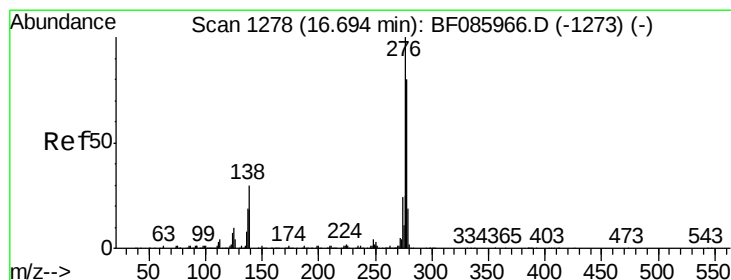
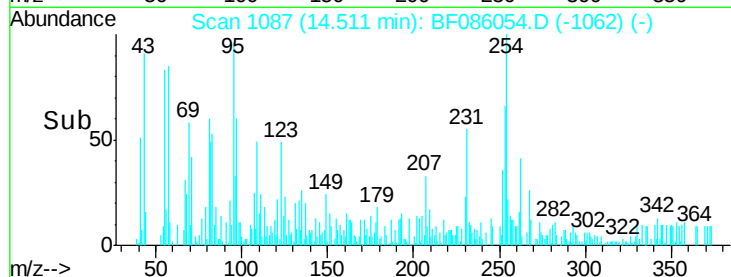
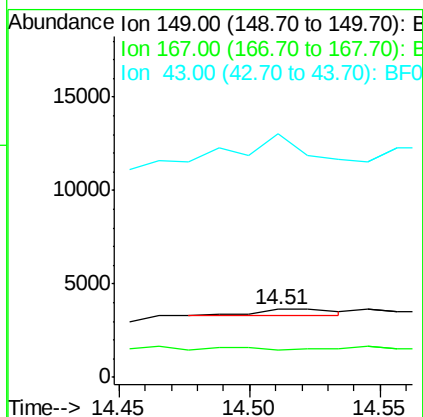
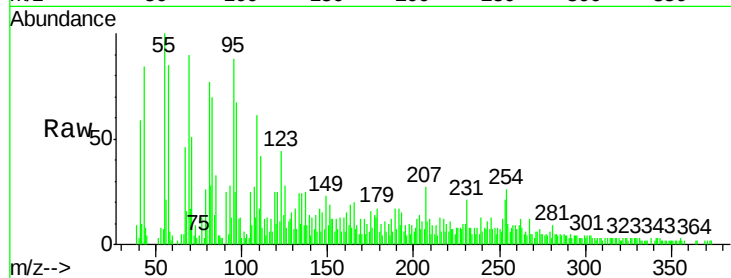




#84
Di-n-octyl phthalate
Concen: 0.05 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

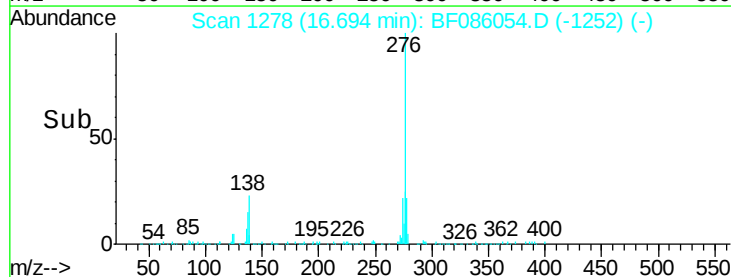
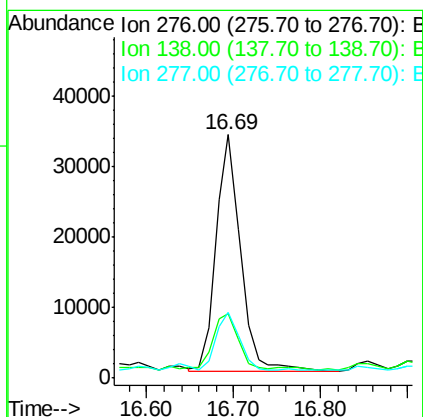
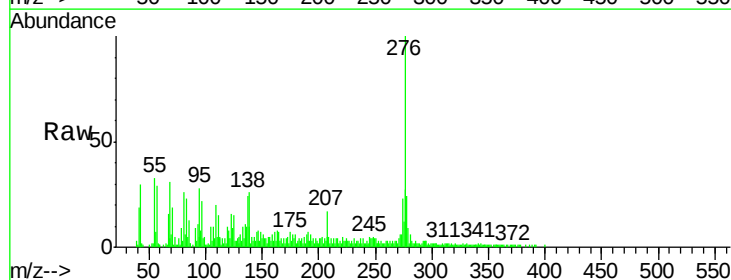
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

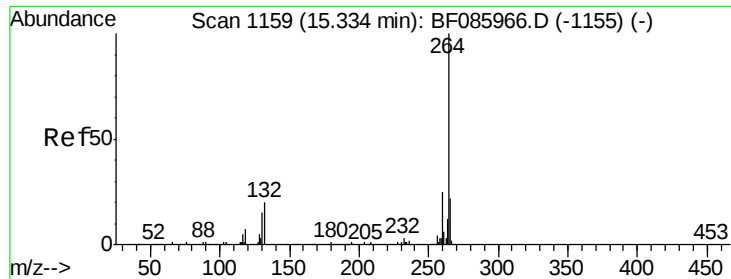
Tgt Ion:149 Resp: 641
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 496.1 7.1 10.7#



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.28 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:276 Resp: 66161
Ion Ratio Lower Upper
276 100
138 24.0 24.2 36.4#
277 23.5 20.0 30.0

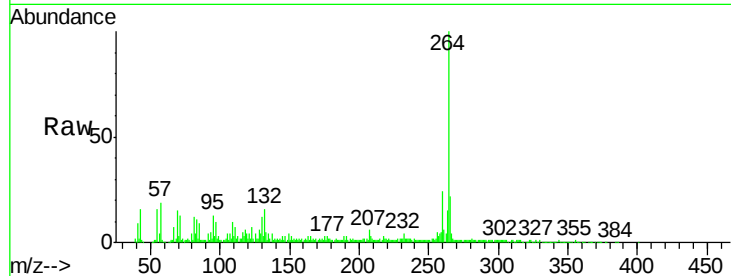




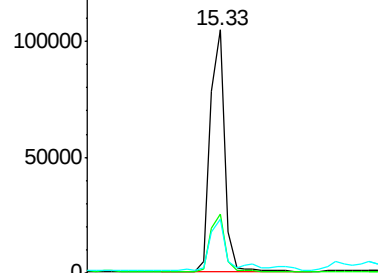
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

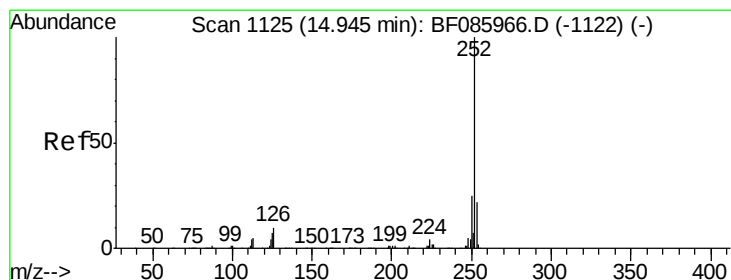
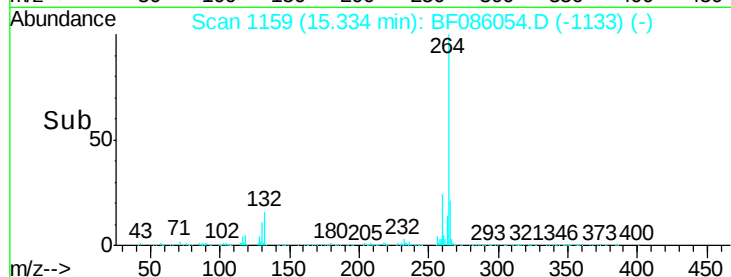
Tgt Ion:264 Resp: 144910
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

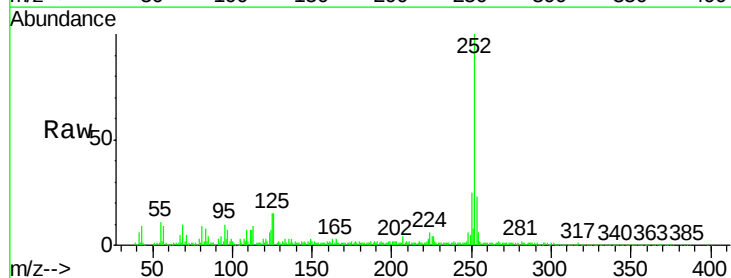


Time-->

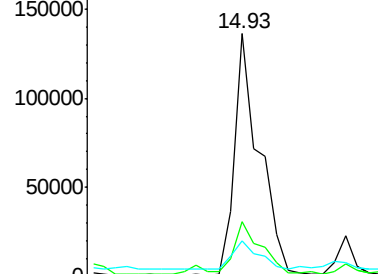


#87
Benzo(b)fluoranthene
Concen: 25.36 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

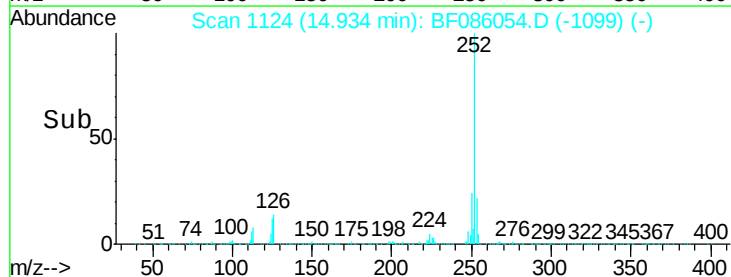
Tgt Ion:252 Resp: 231137
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 14.7 10.3 15.5

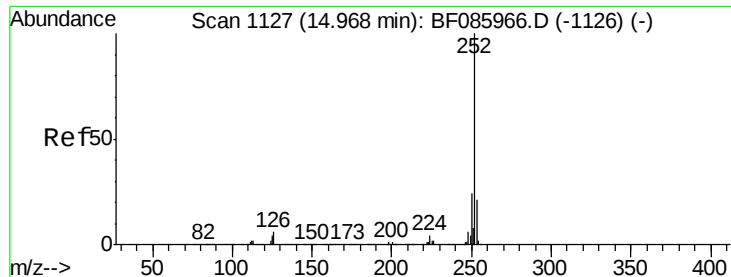


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

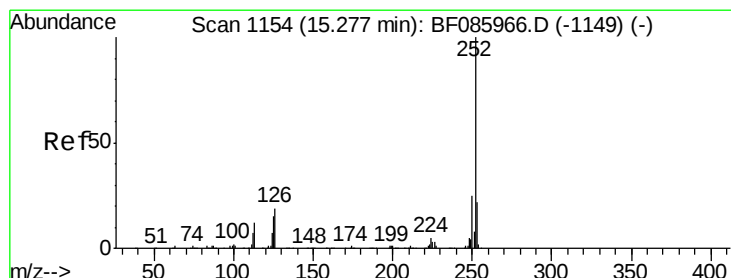
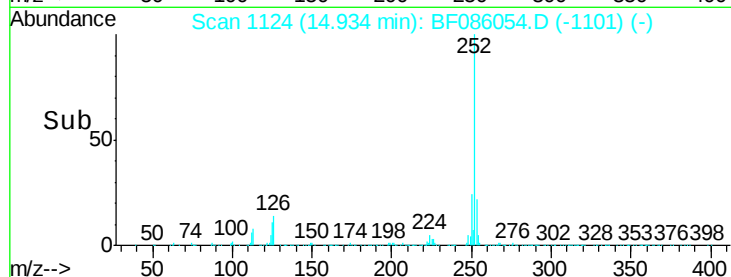
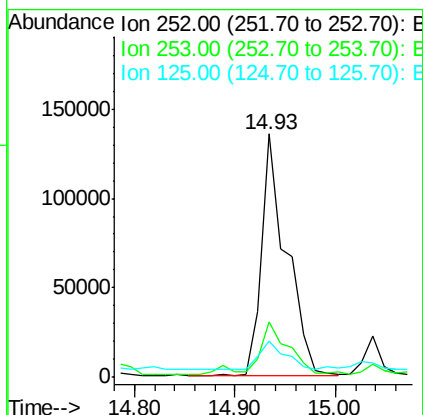
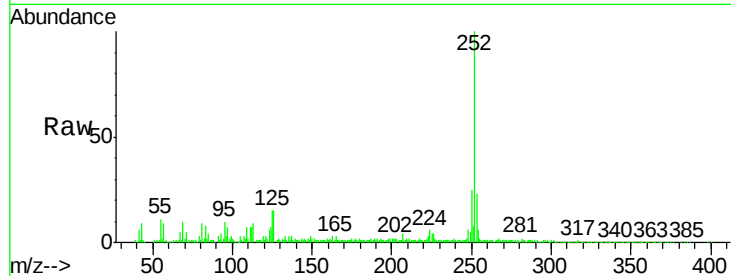




#88
Benzo(k)fluoranthene
Concen: 28.63 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

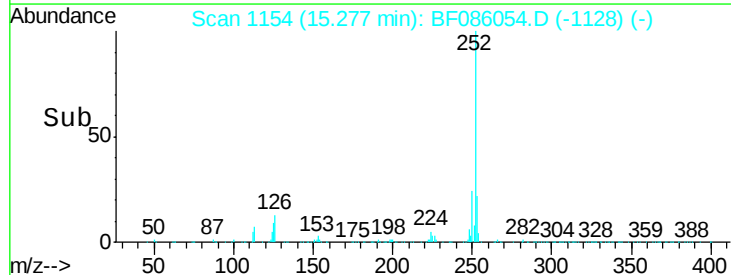
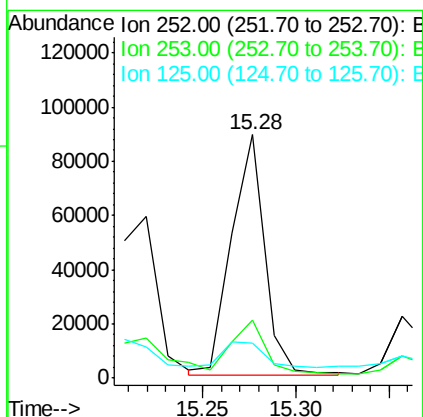
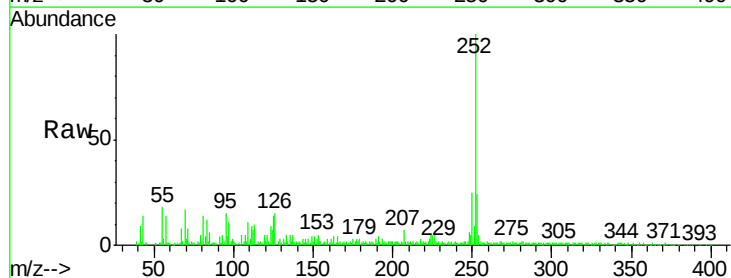
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

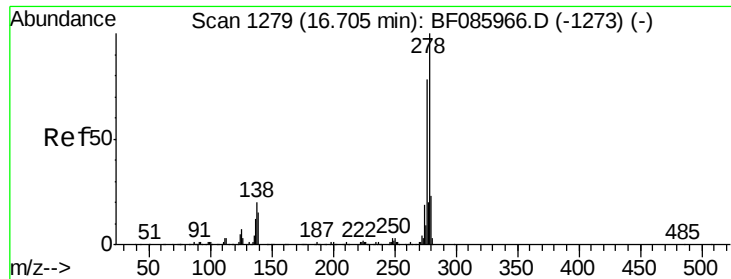
Tgt Ion:252 Resp: 231137
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 14.7 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 13.62 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086054.D
Acq: 4 Apr 2016 23:06

Tgt Ion:252 Resp: 110019
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 14.2 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 2.53 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

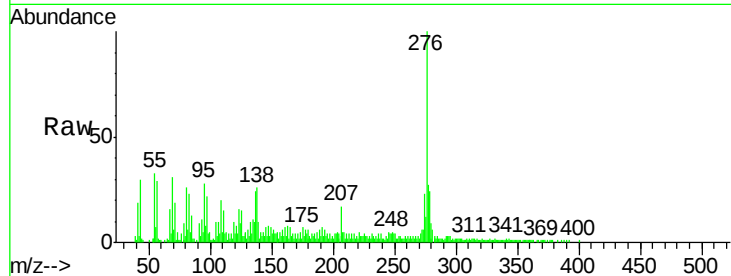
Tgt Ion:278 Resp: 16429

Ion Ratio Lower Upper

278 100

139 41.0 14.4 21.6#

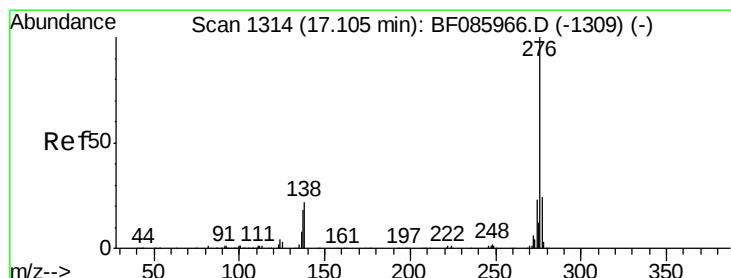
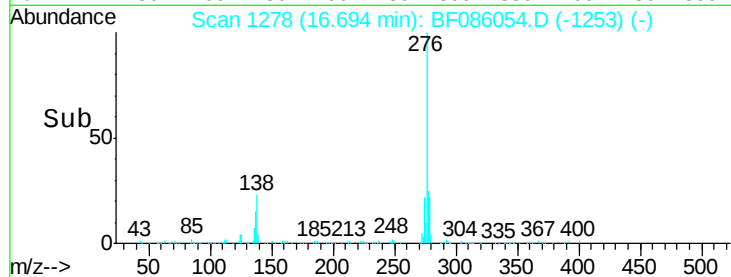
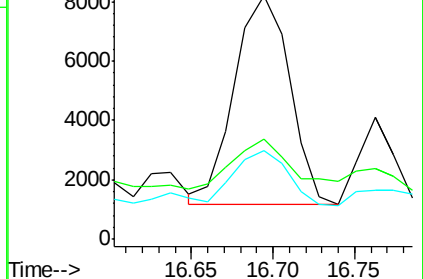
279 36.4 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.91 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF086054.D

Acq: 4 Apr 2016 23:06

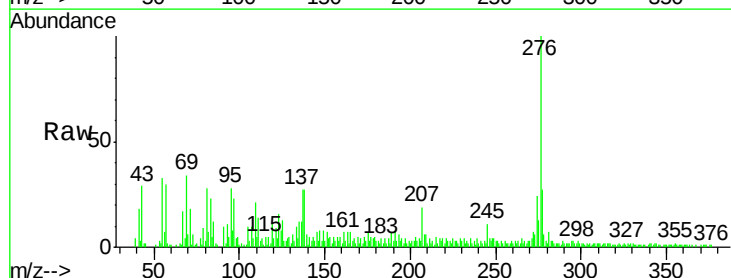
Tgt Ion:276 Resp: 62324

Ion Ratio Lower Upper

276 100

277 26.5 18.8 28.2

138 27.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

