

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080212.D
 Acq On : 29 Jun 2015 18:06
 Operator : TP/IZ
 Sample : G2813-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Manual Integrations
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 6/30/2015 2:18:51 PM

Quant Time: Jun 30 10:58:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28830	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	113771	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	58269	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	118223	20.00	ng	-0.05
75) Chrysene-d12	14.87	240	119650	20.00	ng	-0.13
86) Perylene-d12	16.77	264	123467	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	214619	131.78	ng	-0.03
7) Phenol-d6	6.90	99	281074	129.69	ng	-0.02
23) Nitrobenzene-d5	7.85	82	203160	103.96	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	90119	158.16	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	388882	95.18	ng	-0.03
78) Terphenyl-d14	13.57	244	501727	97.93	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	21695	28.03	ng	89
3) Pyridine	4.01	79	41263	20.04	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	37284	38.11	ng	97
6) Aniline	6.95	93	43964	14.74	ng	95
8) 2-Chlorophenol	7.08	128	85291	45.31	ng	89
9) Benzaldehyde	6.84	77	53851	43.04	ng	# 70
10) Phenol	6.92	94	100609	42.54	ng	86
11) bis(2-Chloroethyl)ether	7.01	93	77153	41.12	ng	95
12) 1,3-Dichlorobenzene	7.24	146	90754	40.13	ng	# 92
13) 1,4-Dichlorobenzene	7.32	146	94163	43.79	ng	96
14) 1,2-Dichlorobenzene	7.46	146	85786m	40.99	ng	
15) Benzyl Alcohol	7.42	79	75601	42.66	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	133951	48.09	ng	89
17) 2-Methylphenol	7.53	107	68210	42.42	ng	# 89
18) Hexachloroethane	7.82	117	31185	43.55	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	62984	41.86	ng	# 77
20) 3+4-Methylphenols	7.68	107	96304	46.41	ng	91
22) Acetophenone	7.69	105	124879	47.10	ng	# 83
24) Nitrobenzene	7.88	77	90333	44.78	ng	# 80
25) Isophorone	8.10	82	173986	44.24	ng	# 84
26) 2-Nitrophenol	8.20	139	43546	51.58	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	85211	48.40	ng	# 84
28) bis(2-Chloroethoxy)methane	8.31	93	109365	47.33	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	82680	54.84	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	83982	49.05	ng	98
31) Naphthalene	8.61	128	267208m	44.92	ng	
32) Benzoic acid	8.28	122	41531	39.02	ng	# 61
33) 4-Chloroaniline	8.64	127	30927	12.15	ng	# 81
34) Hexachlorobutadiene	8.73	225	44720	42.42	ng	97
35) Caprolactam	8.98	113	21823	44.59	ng	99
36) 4-Chloro-3-methylphenol	9.12	107	78001	45.87	ng	94
37) 2-Methylnaphthalene	9.30	142	197559	51.34	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	88466	52.17	ng	97
40) Hexachlorocyclopentadiene	9.46	237	65752	75.72	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	61954	53.70	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	61462	46.24	ng #	90
45) 1,1'-Biphenyl	9.76	154	222154	46.86	ng	93
46) 2-Chloronaphthalene	9.80	162	184129	47.87	ng	96
47) 2-Nitroaniline	9.88	65	51061	48.36	ng #	57
48) Acenaphthylene	10.22	152	316824	49.35	ng	97
49) Dimethylphthalate	10.06	163	215069	49.09	ng #	96
50) 2,6-Dinitrotoluene	10.12	165	43215	49.21	ng #	49
51) Acenaphthene	10.39	154	198157	50.45	ng	91
52) 3-Nitroaniline	10.29	138	27273	26.92	ng #	52
53) 2,4-Dinitrophenol	10.40	184	35544	98.02	ng #	29
54) Dibenzofuran	10.56	168	272267	48.85	ng #	88
55) 4-Nitrophenol	10.44	139	67166	82.93	ng #	38
56) 2,4-Dinitrotoluene	10.53	165	67895	60.92	ng #	85
57) Fluorene	10.92	166	211725	47.88	ng	89
58) 2,3,4,6-Tetrachlorophenol	10.68	232	52305	46.61	ng	99
59) Diethylphthalate	10.76	149	208637	47.30	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	104114	48.99	ng #	89
61) 4-Nitroaniline	10.90	138	48543	46.39	ng #	51
62) Azobenzene	11.05	77	214565	47.78	ng	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	24966	43.49	ng	86
65) n-Nitrosodiphenylamine	11.01	169	190558	49.50	ng	93
66) 4-Bromophenyl-phenylether	11.40	248	62011	49.33	ng #	85
67) Hexachlorobenzene	11.48	284	68336	48.91	ng #	78
68) Atrazine	11.53	200	56600	46.54	ng	83
69) Pentachlorophenol	11.66	266	68269	86.23	ng	99
70) Phenanthrene	11.89	178	331870	46.37	ng	97
71) Anthracene	11.94	178	350435	50.85	ng	98
72) Carbazole	12.09	167	303466	46.12	ng	96
73) Di-n-butylphthalate	12.42	149	363464	47.81	ng #	99
74) Fluoranthene	13.16	202	345455	45.32	ng	93
76) Benzidine	13.28	184	88637	26.50	ng	97
77) Pyrene	13.42	202	370021	50.23	ng	96
79) Butylbenzylphthalate	14.13	149	145480	49.18	ng	96
80) Benzo(a)anthracene	14.85	228	351365	48.20	ng	96
81) 3,3'-Dichlorobenzidine	14.80	252	75749	30.13	ng #	92
82) Chrysene	14.91	228	331705	49.35	ng	95
83) Bis(2-ethylhexyl)phthalate	14.84	149	208489	44.59	ng	95
84) Di-n-octyl phthalate	15.66	149	335451	41.87	ng	96
85) Indeno(1,2,3-cd)pyrene	18.61	276	411805	48.58	ng #	88
87) Benzo(b)fluoranthene	16.23	252	396674	53.06	ng #	87
88) Benzo(k)fluoranthene	16.27	252	315387	41.43	ng #	88
89) Benzo(a)pyrene	16.69	252	351226	49.47	ng #	88
90) Dibenzo(a,h)anthracene	18.63	278	344602	47.42	ng #	83
91) Benzo(g,h,i)perylene	19.17	276	349614	47.65	ng #	76

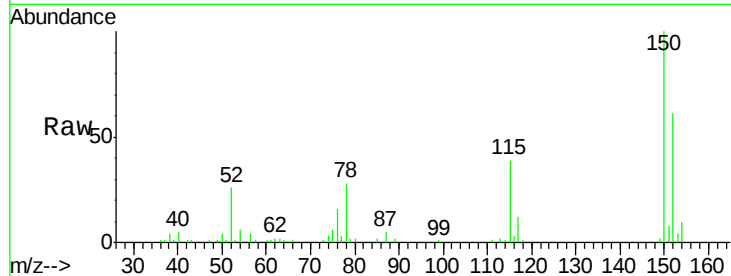
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

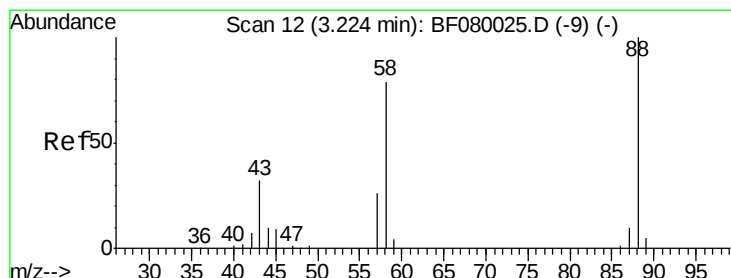
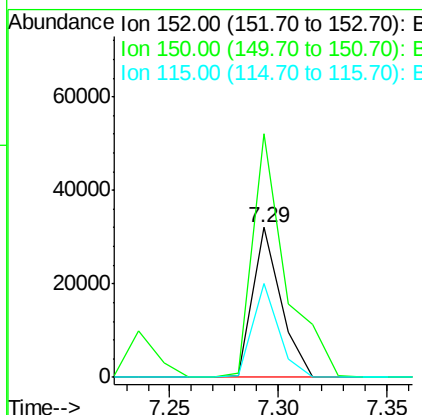
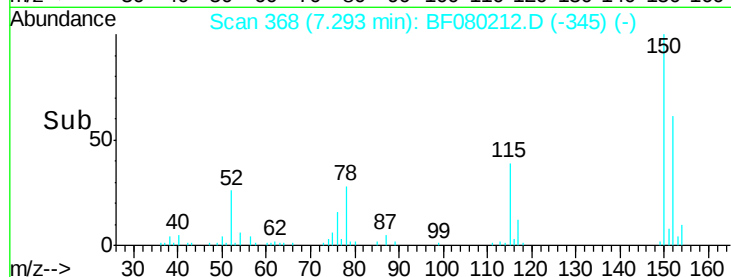
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.7	187.1
115	63.1	39.0	58.4

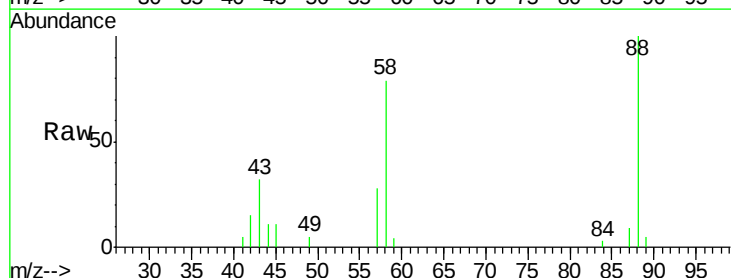
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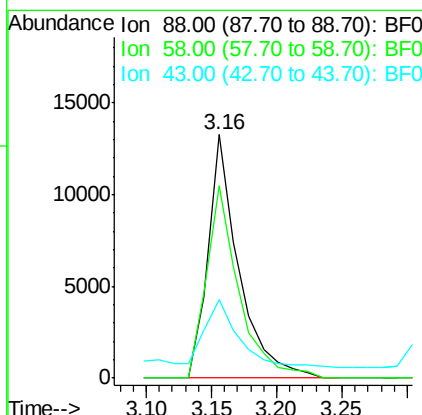
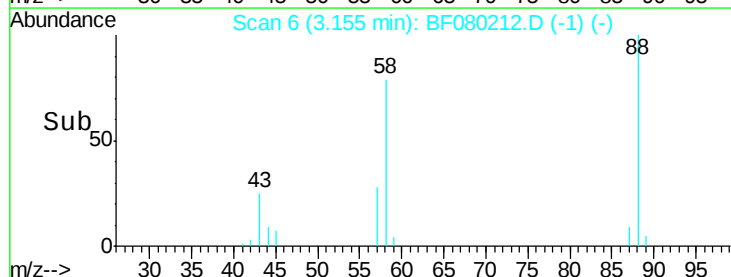


#2

1,4-Dioxane
Concen: 28.03 ng
RT: 3.16 min Scan# 6
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06



Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	77.7	116.5
43	31.7	26.6	40.0





#3

Pyridine

Concen: 20.04 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

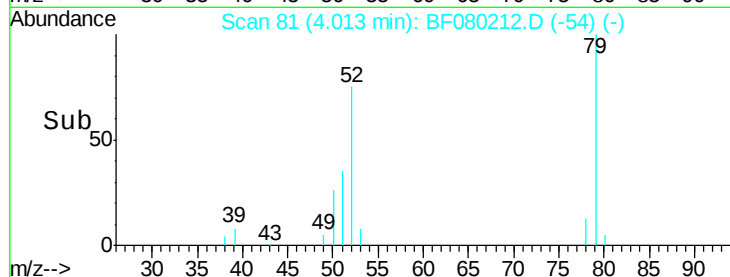
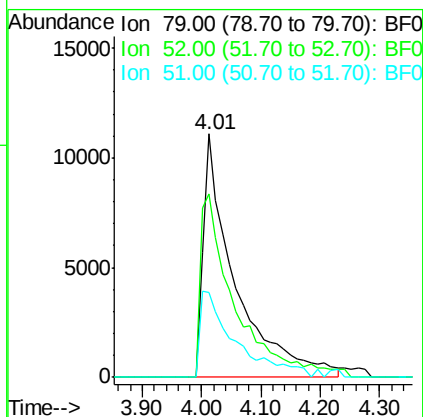
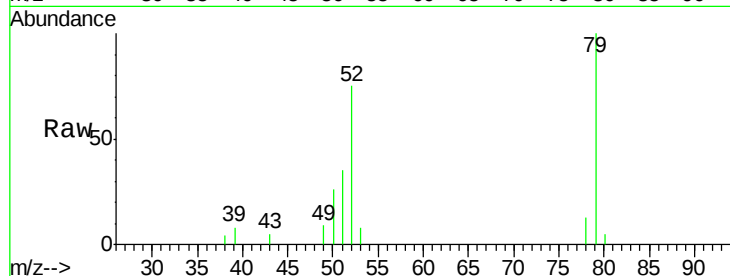
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:	79	Resp:	41263
Ion	Ratio	Lower	Upper
79	100		
52	75.4	76.8	115.2#
51	35.0	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 38.11 ng

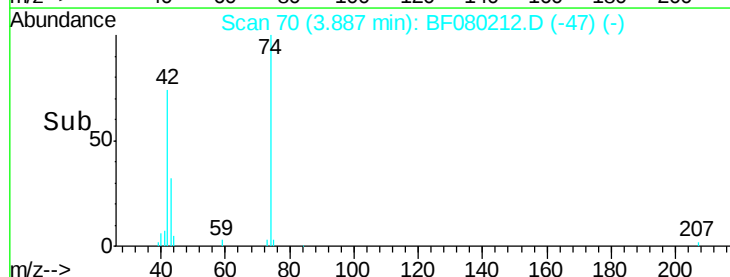
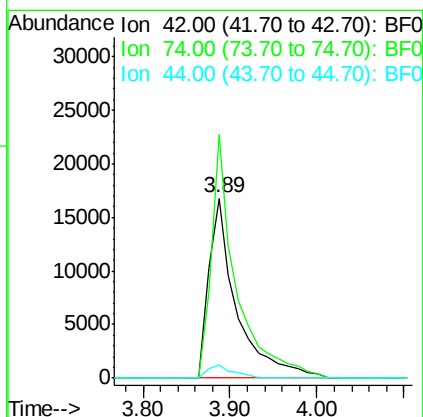
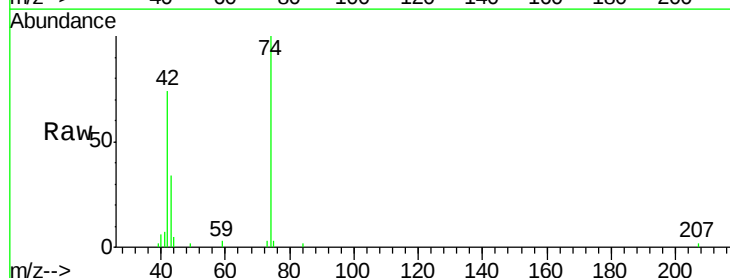
RT: 3.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	42	Resp:	37284
Ion	Ratio	Lower	Upper
42	100		
74	135.4	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 131.78 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

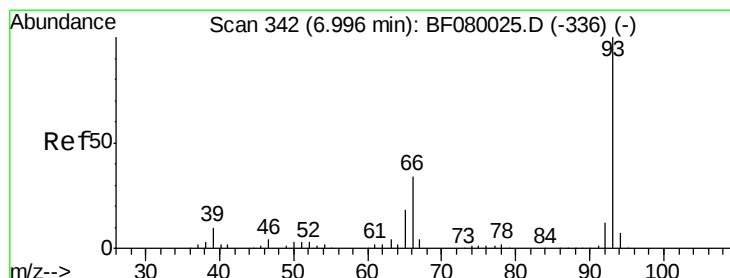
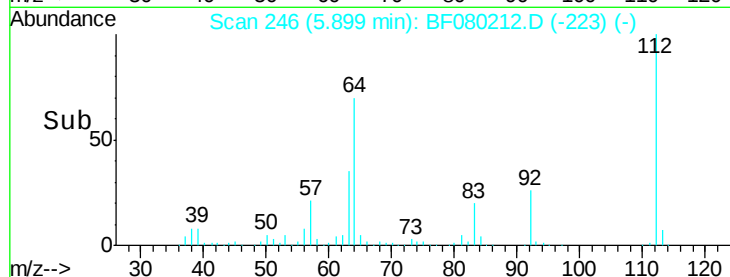
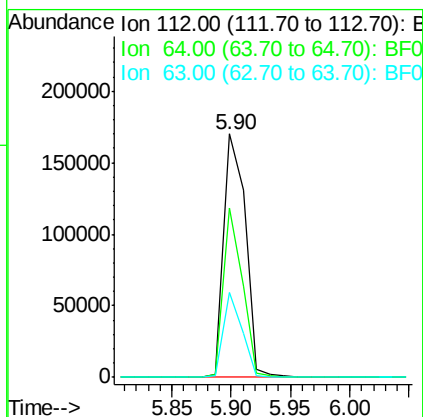
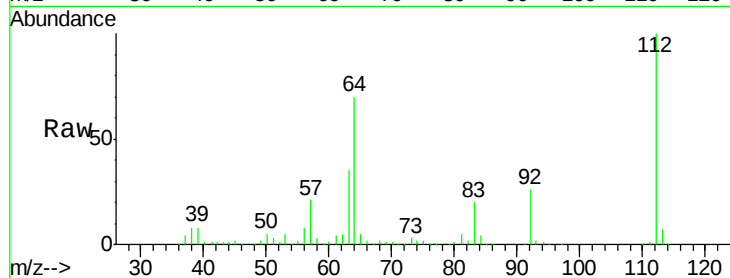
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:	112	Resp:	214619
Ion Ratio	Lower	Upper	
112	100		
64	69.8	39.7	59.5#
63	34.7	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 14.74 ng

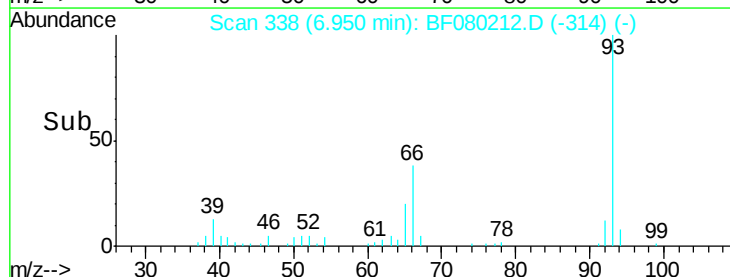
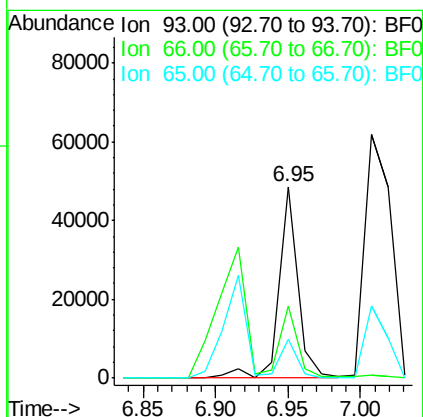
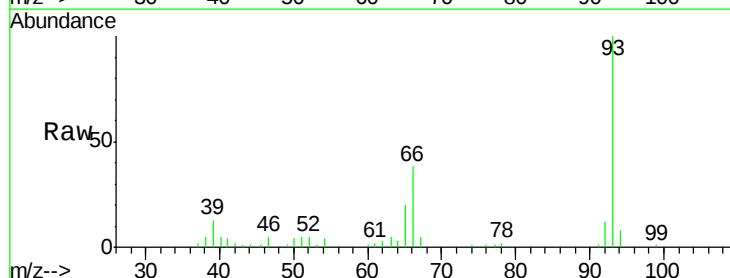
RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	93	Resp:	43964
Ion Ratio	Lower	Upper	
93	100		
66	37.6	27.2	40.8
65	20.0	14.7	22.1





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080212.D

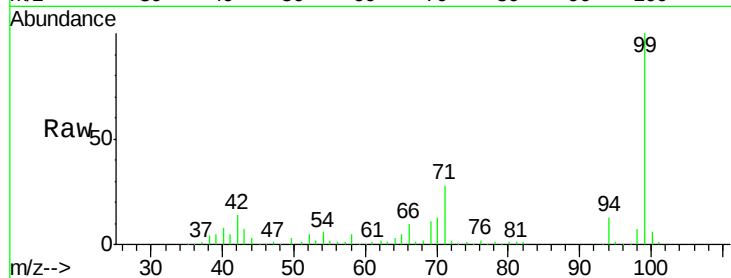
Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

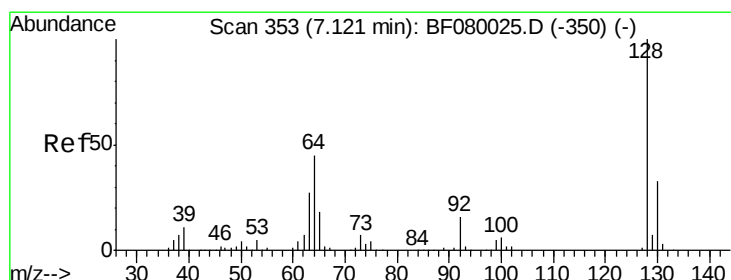
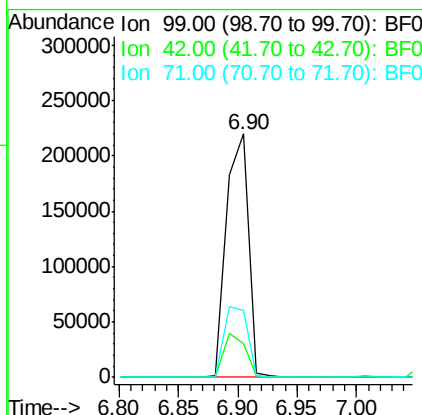
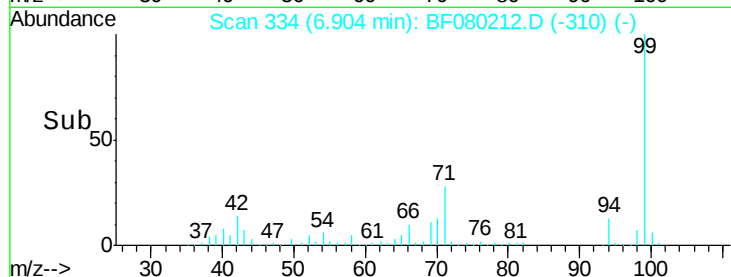
SOIL-STOCKPILE-TMS



Tgt Ion:	99	Resp:	281074
Ion Ratio	Lower	Upper	
99	100		
42	13.8	13.7	20.5
71	27.7	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.31 ng

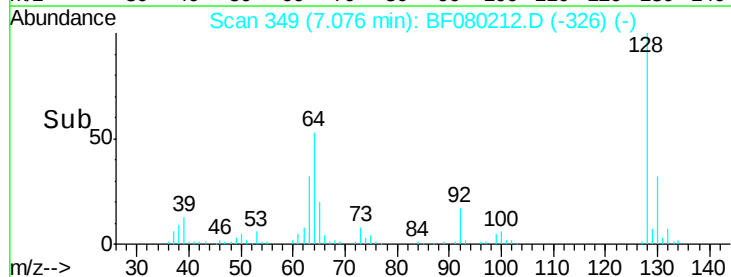
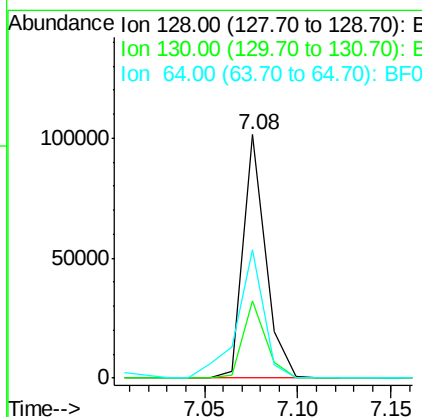
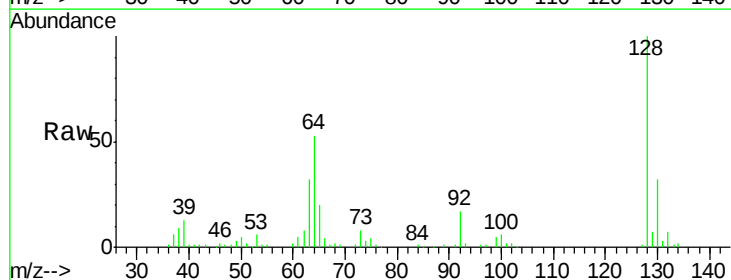
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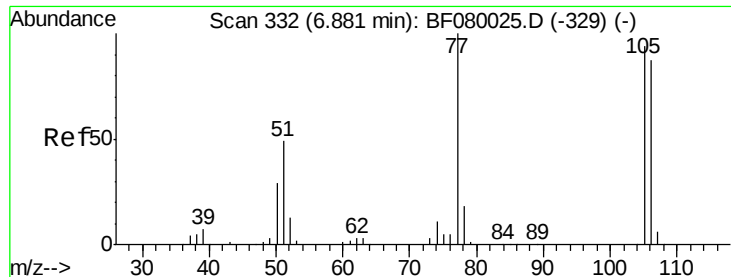
Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	128	Resp:	85291
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.2	52.2
64	52.5	20.5	60.5





#9

Benzaldehyde

Concen: 43.04 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

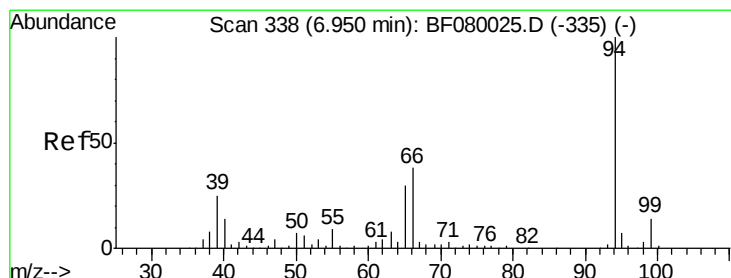
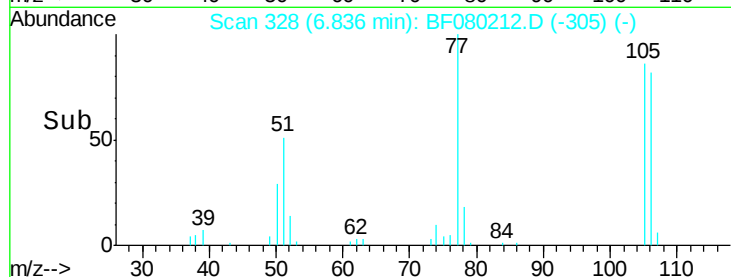
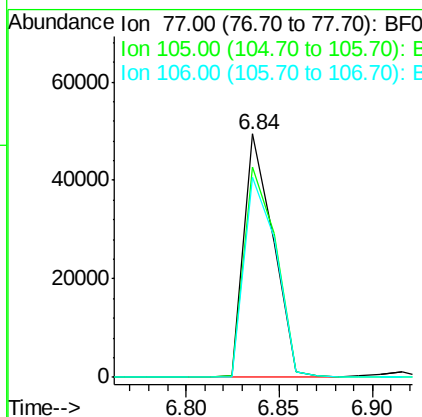
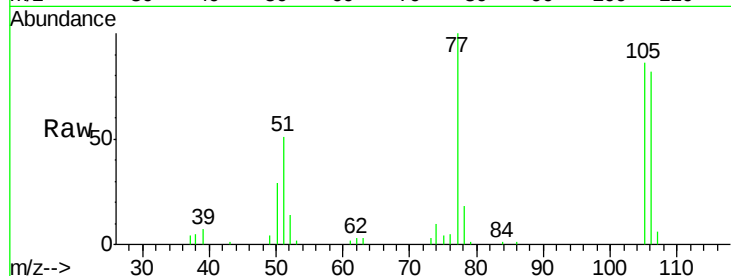
ClientSampleId :

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Tgt Ion:	77	Resp:	53851
Ion Ratio	Lower	Upper	
77	100		
105	86.3	91.6	131.6#
106	82.1	102.6	142.6#

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#10

Phenol

Concen: 42.54 ng

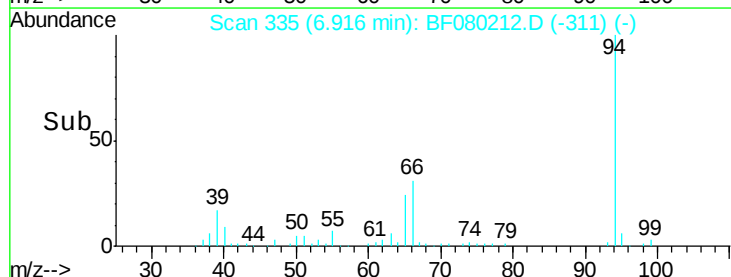
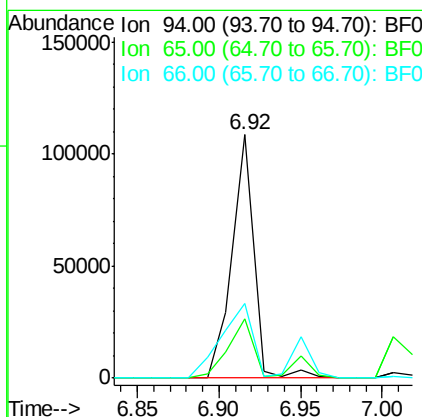
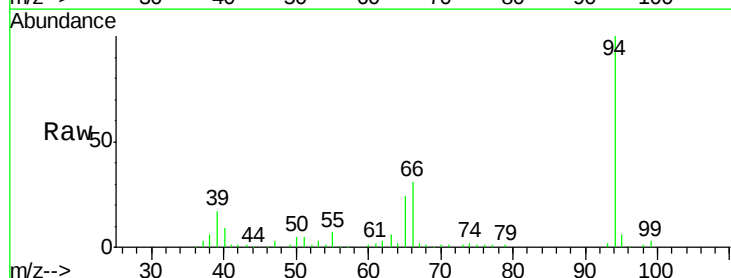
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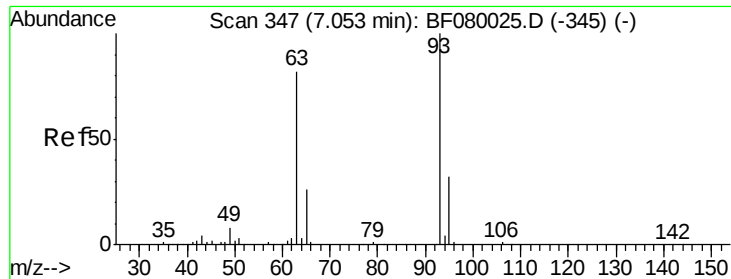
Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	94	Resp:	100609
Ion Ratio	Lower	Upper	
94	100		
65	24.2	0.7	40.7
66	30.6	0.8	40.8





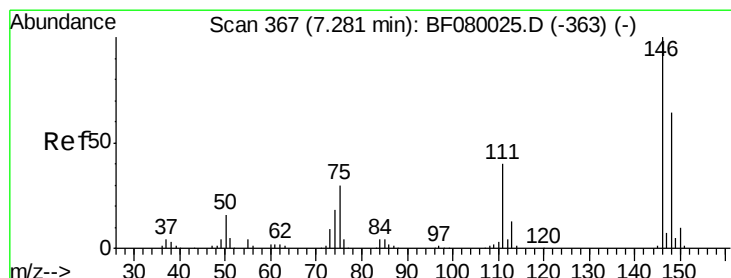
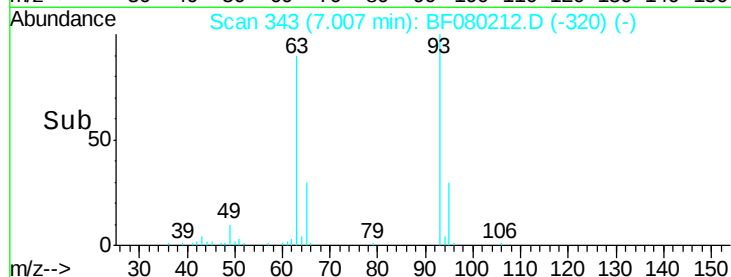
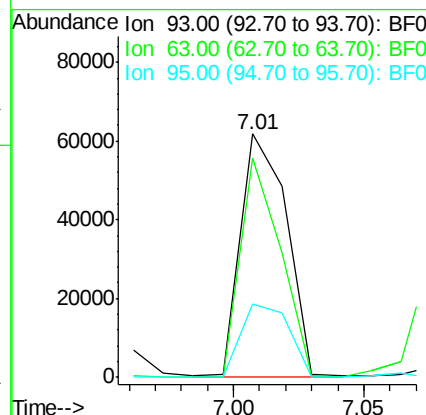
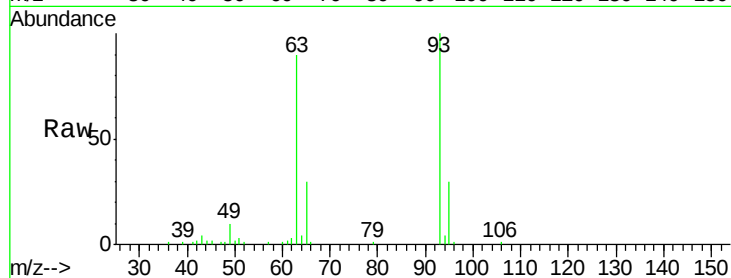
#11
bis(2-Chloroethyl)ether
Concen: 41.12 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.3	65.6	105.6
95	30.0	13.6	53.6

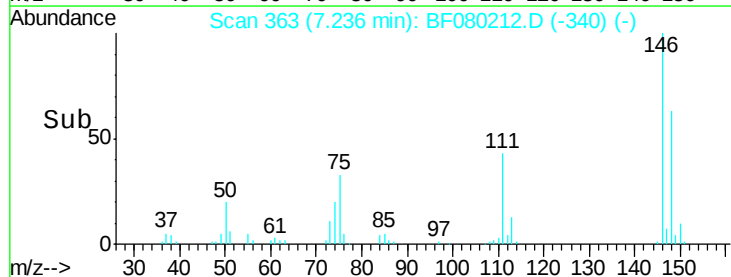
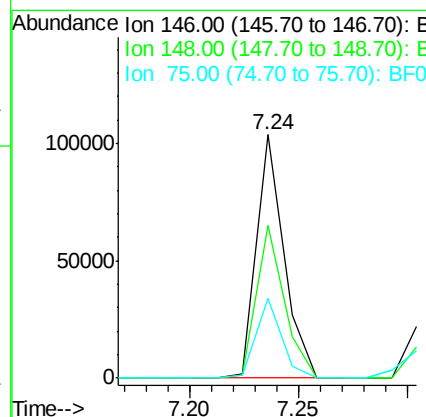
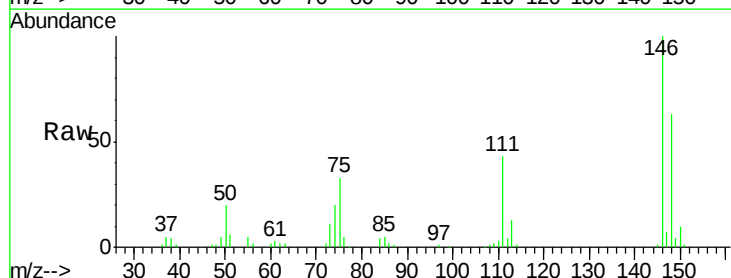
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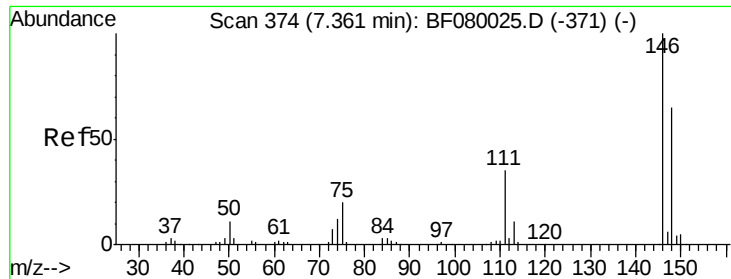
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#12
1,3-Dichlorobenzene
Concen: 40.13 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.4
75	33.0	15.0	22.6





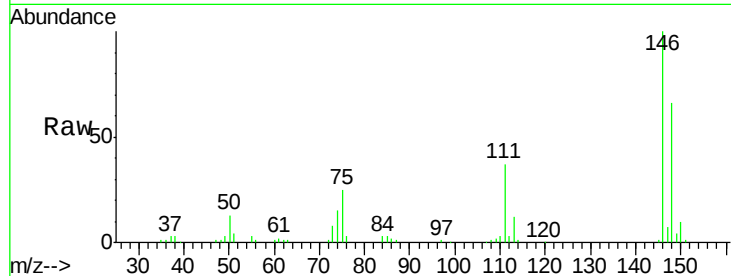
#13
 1,4-Dichlorobenzene
 Concen: 43.79 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

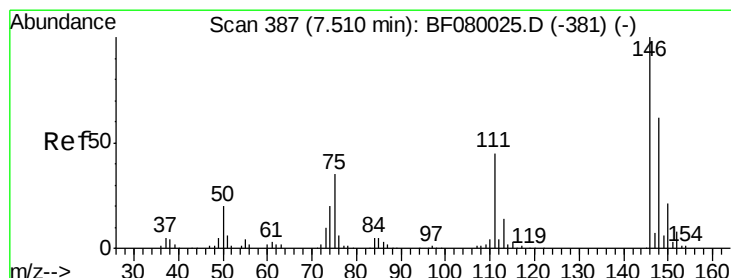
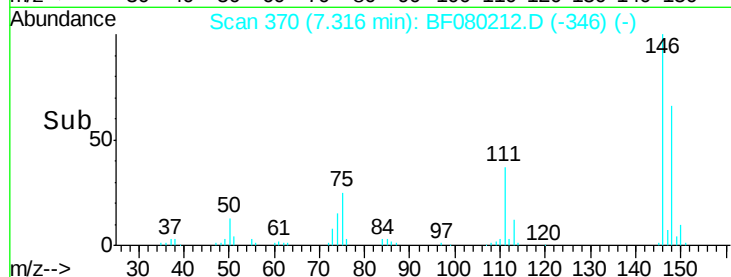
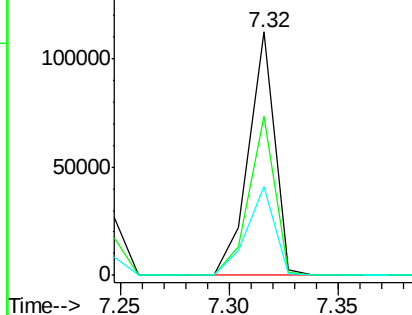
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	36.6	24.9	37.3

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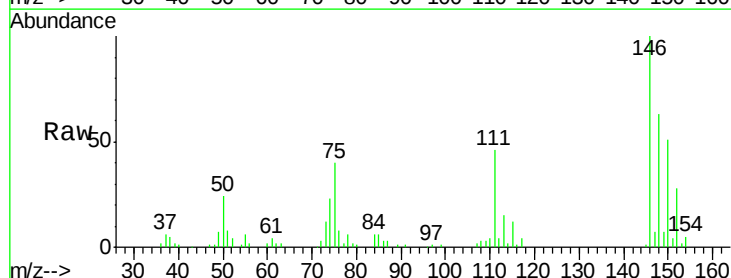


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

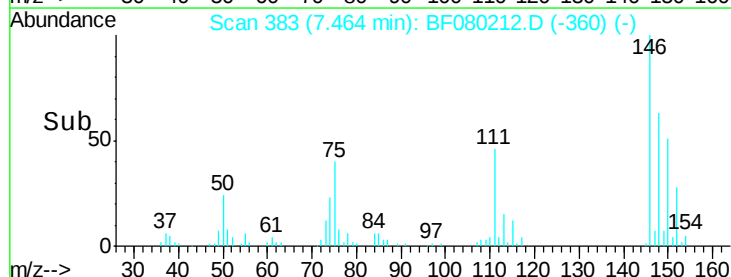
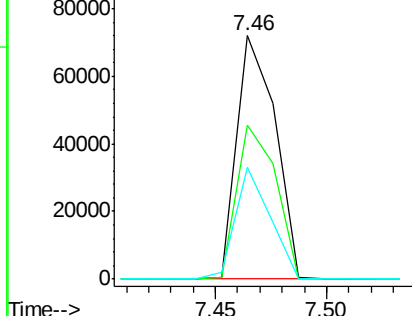


#14
 1,2-Dichlorobenzene
 Concen: 40.99 ng m
 RT: 7.46 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
111	46.0	28.8	43.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.66 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

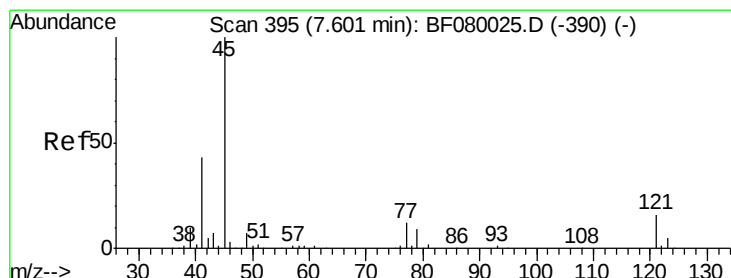
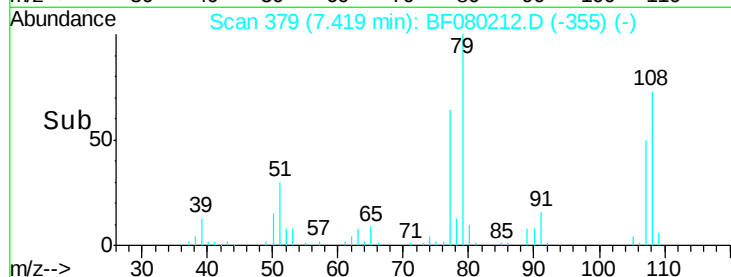
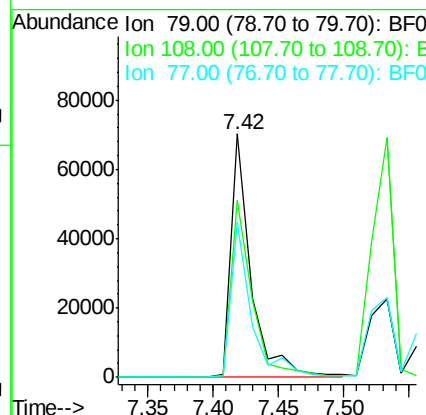
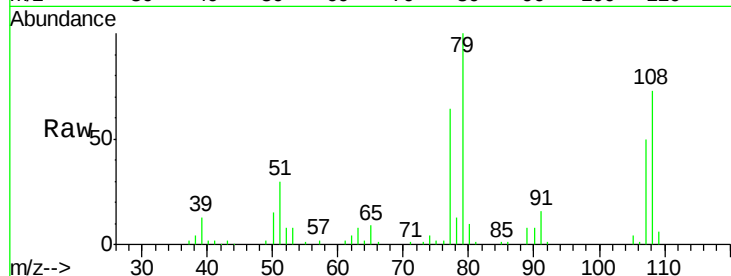
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:	79	Resp:	75601
Ion Ratio	Lower	Upper	
79	100		
108	72.5	88.6	132.8#
77	64.0	47.0	70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.09 ng

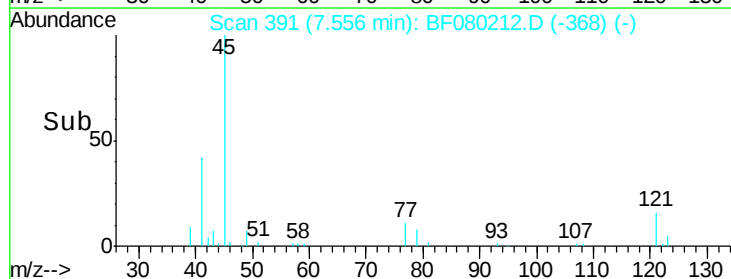
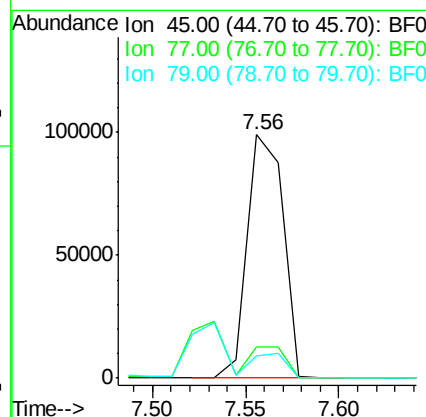
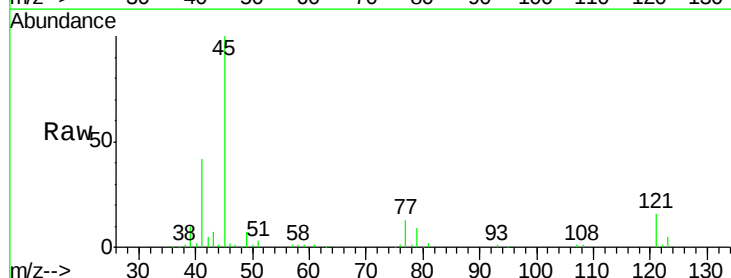
RT: 7.56 min Scan# 391

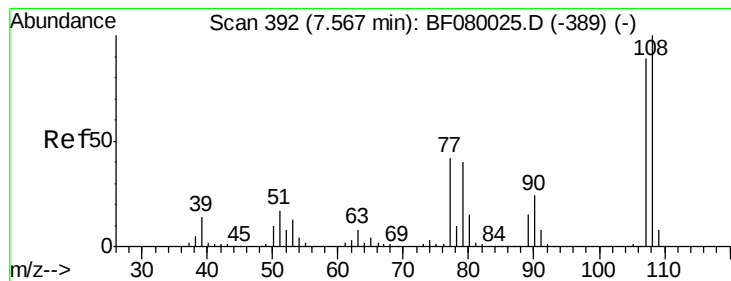
Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	45	Resp:	133951
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	28.1
79	9.0	0.0	26.0





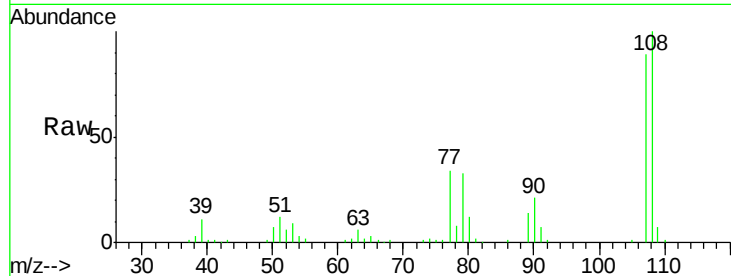
#17
2-Methylphenol
Concen: 42.42 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

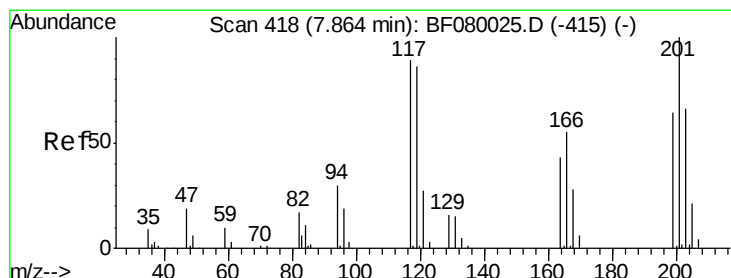
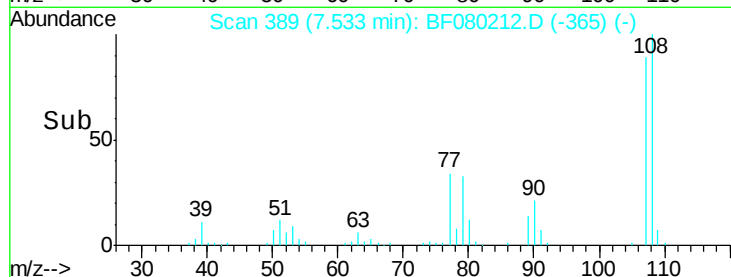
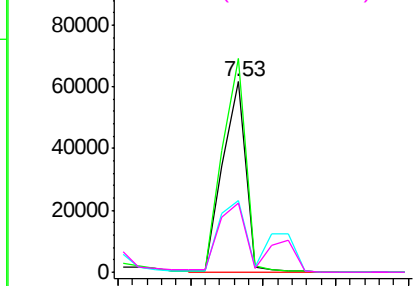
Tgt Ion:	107	Resp:	68210
Ion Ratio	Lower	Upper	
107	100		
108	112.0	96.6	145.0
77	37.6	23.3	34.9#
79	36.4	22.0	33.0#

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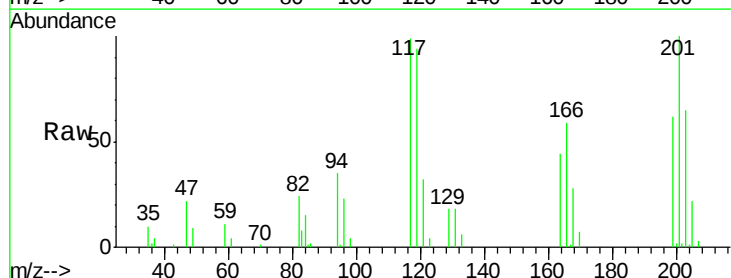


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

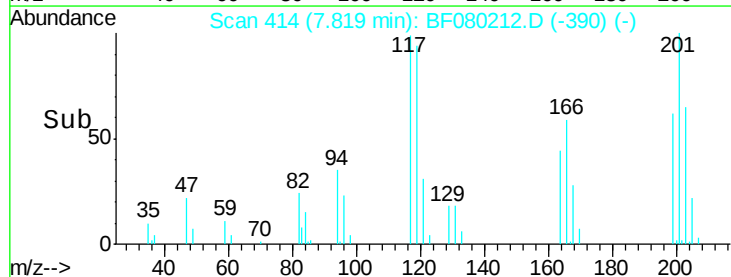
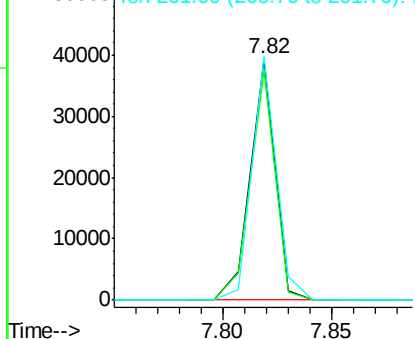


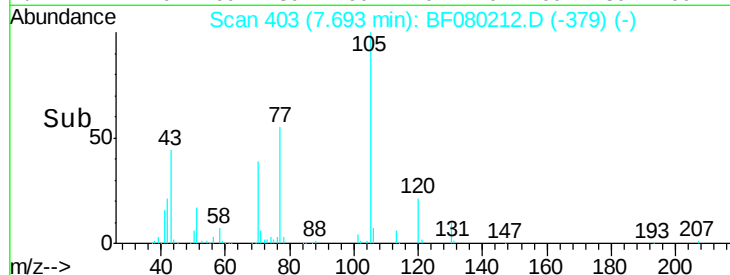
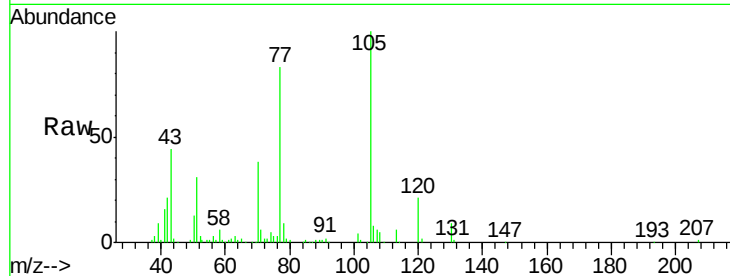
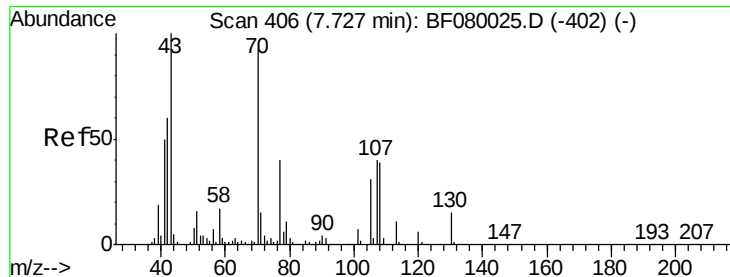
#18
Hexachloroethane
Concen: 43.55 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:	117	Resp:	31185
Ion Ratio	Lower	Upper	
117	100		
119	95.3	83.8	125.6
201	100.9	55.1	82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





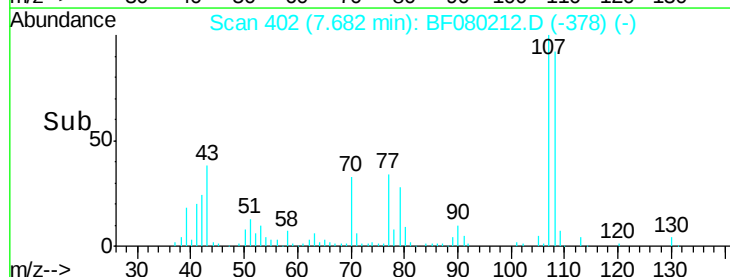
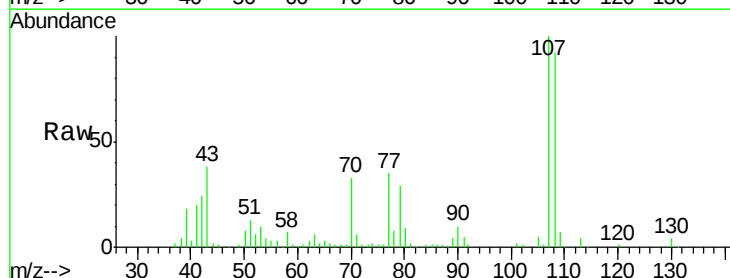
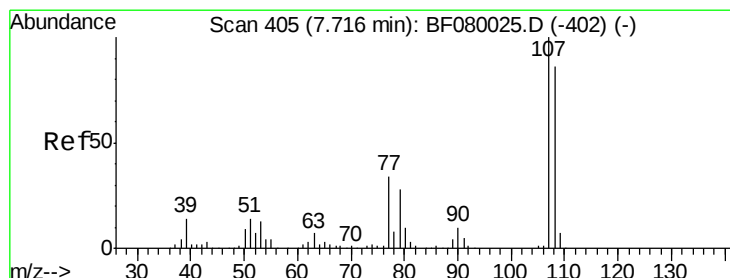
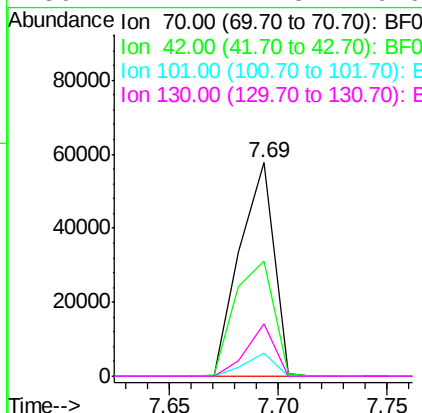
#19
n-Nitroso-di-n-propylamine
Concen: 41.86 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

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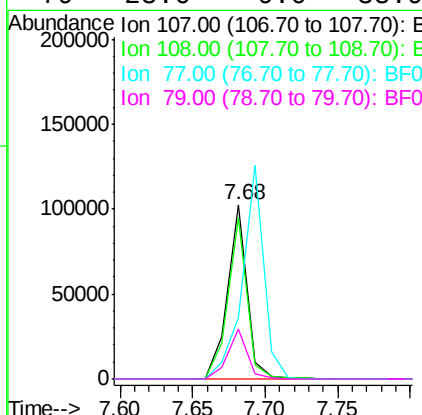
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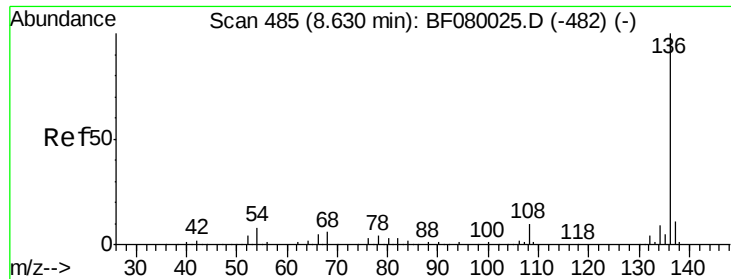
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	63.8	95.6#	
101	10.6	9.2	13.8	
130	24.7	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 46.41 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	74.6	114.6	
77	35.0	0.7	40.7	
79	28.6	0.0	38.9	





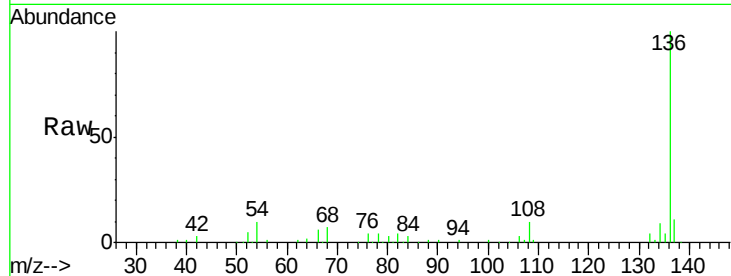
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

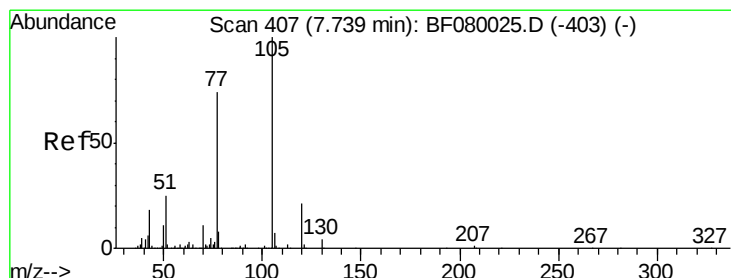
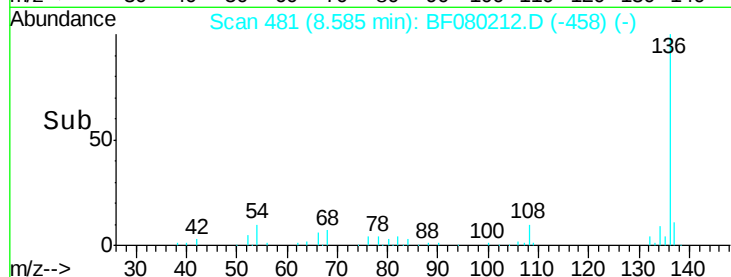
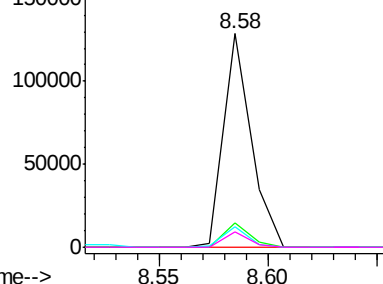
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	113771		
137	11.3	9.0	13.6	
54	9.7	8.2	12.2	
68	7.1	5.8	8.6	

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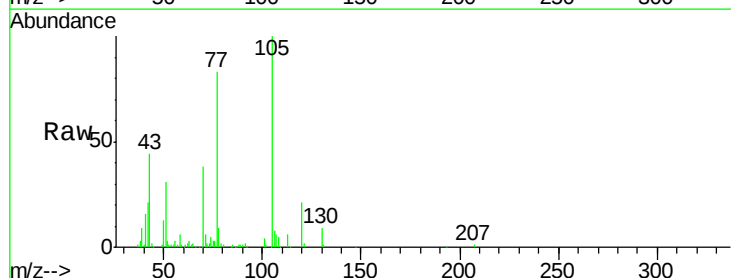


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

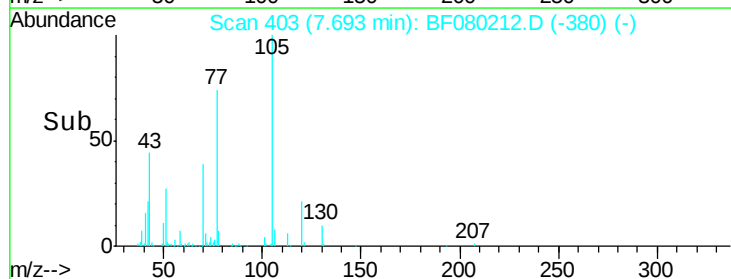
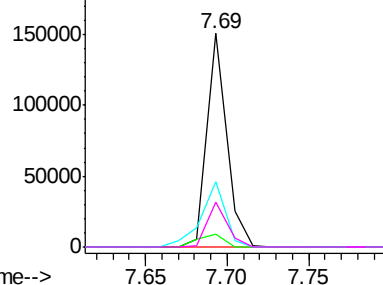


#22
Acetophenone
Concen: 47.10 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124879		
71	5.9	4.7	7.1	
51	30.6	22.0	33.0	
120	20.8	30.1	45.1	#



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





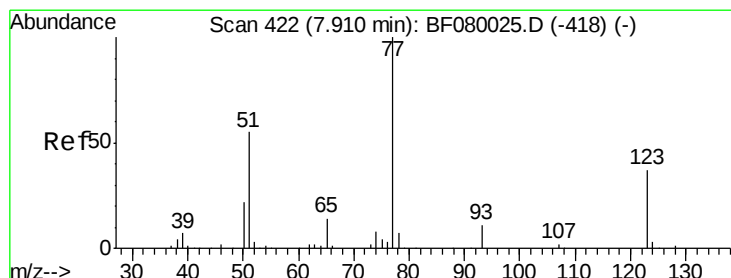
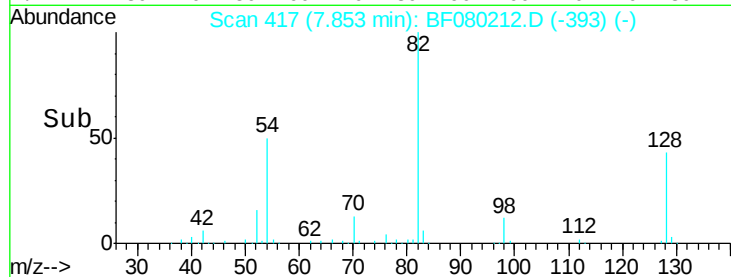
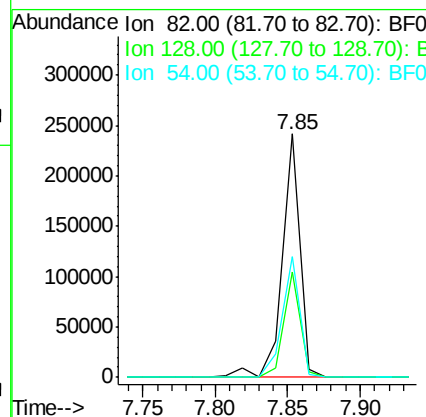
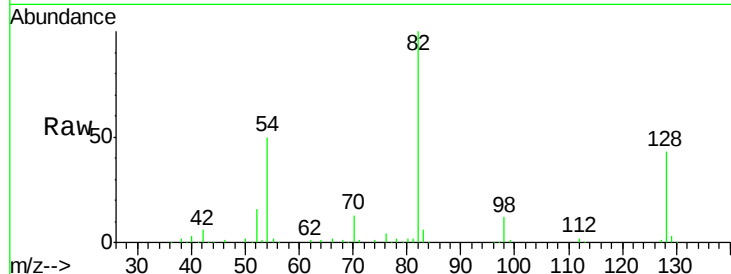
#23
 Nitrobenzene-d5
 Concen: 103.96 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	203160		
128	43.5	51.0	76.6#	
54	49.7	47.5	71.3	

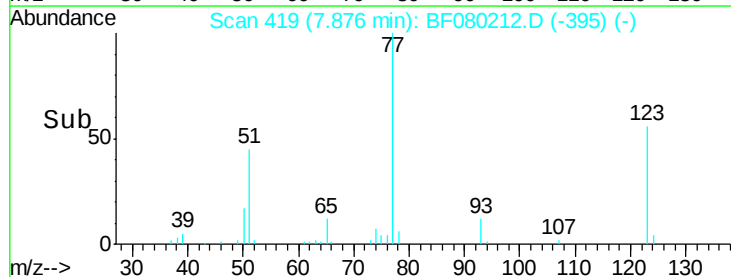
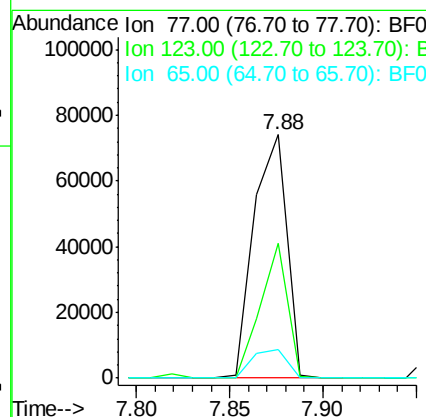
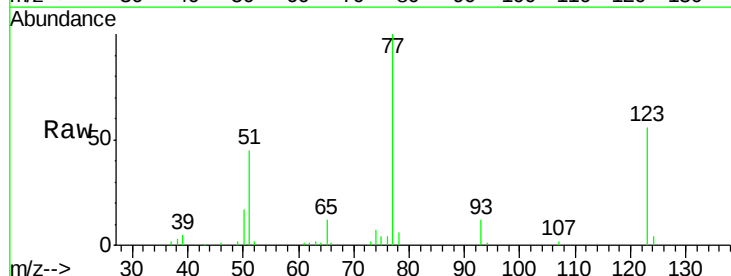
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#24
 Nitrobenzene
 Concen: 44.78 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	90333		
123	55.6	59.8	89.8#	
65	11.6	10.2	15.4	





#25

Isophorone

Concen: 44.24 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion: 82 Resp: 173986
Ion Ratio Lower Upper

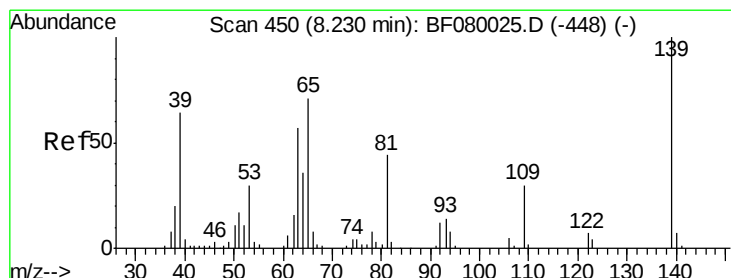
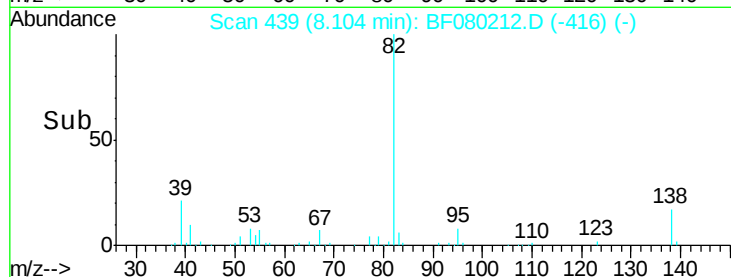
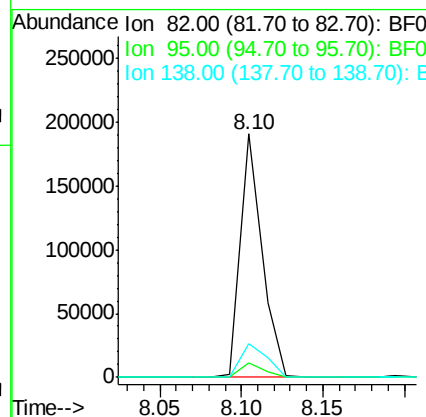
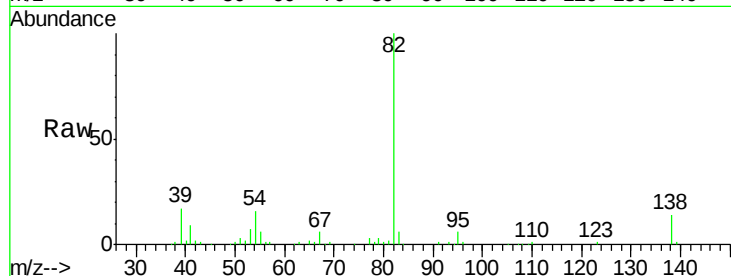
82 100

95 6.2 4.0 6.0#

138 13.9 18.3 27.5#

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#26

2-Nitrophenol

Concen: 51.58 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080212.D

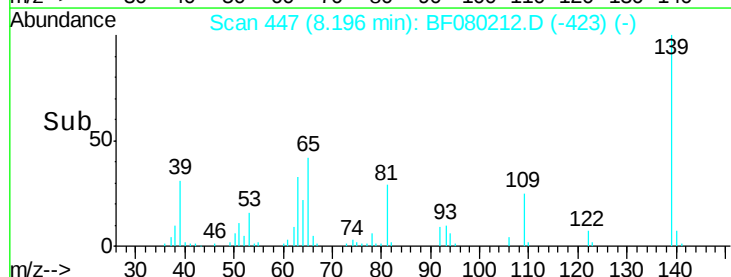
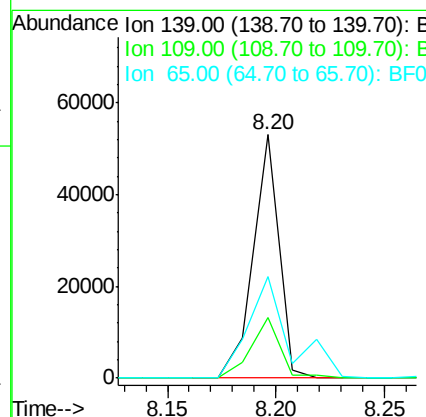
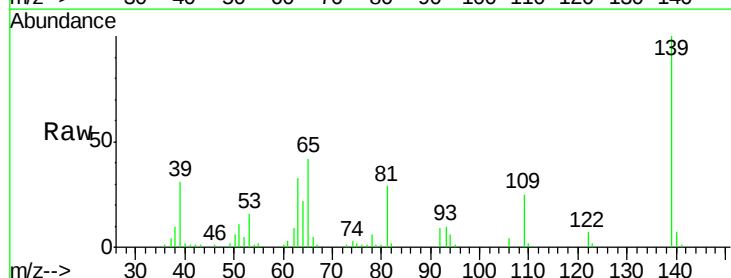
Acq: 29 Jun 2015 18:06

Tgt Ion: 139 Resp: 43546
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 41.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 48.40 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

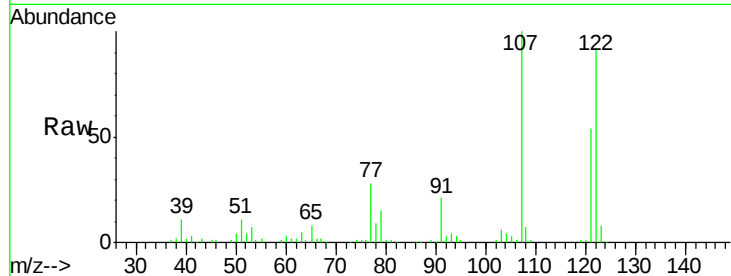
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85211		
107	108.7	71.8	107.6#	
121	58.8	42.3	63.5	

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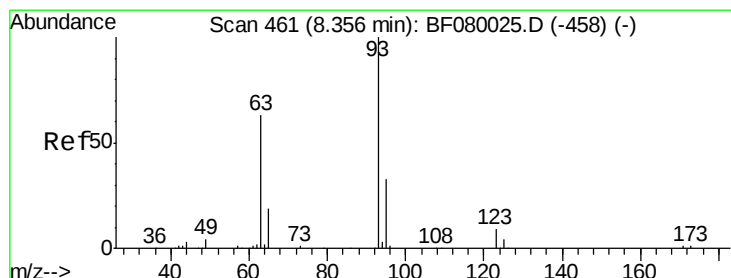
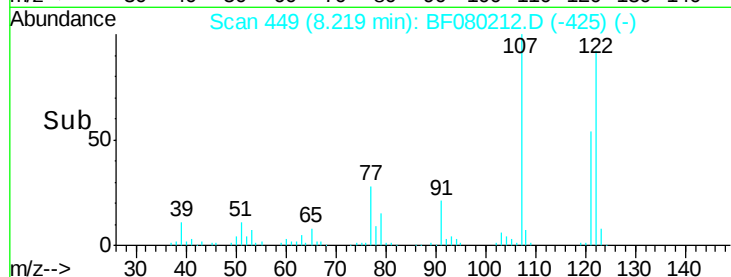
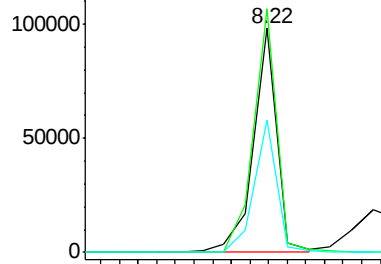
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.33 ng

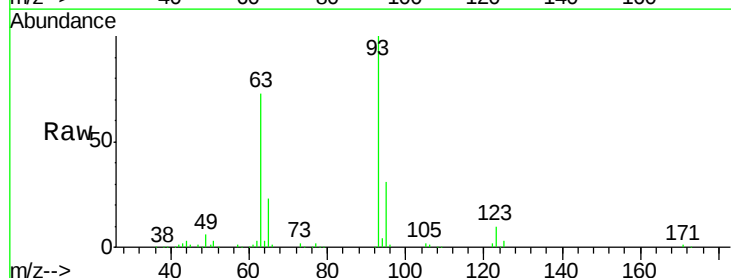
RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080212.D

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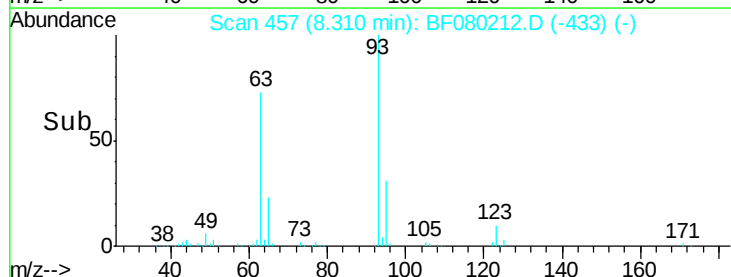
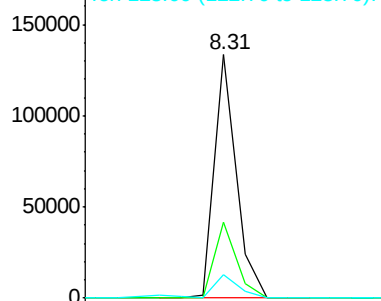
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109365		
95	31.2	27.5	41.3	
123	9.9	13.7	20.5#	

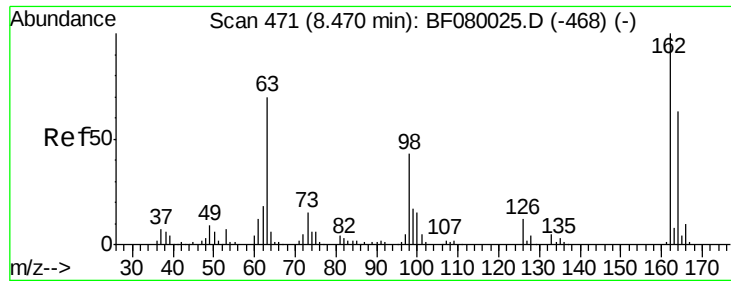


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





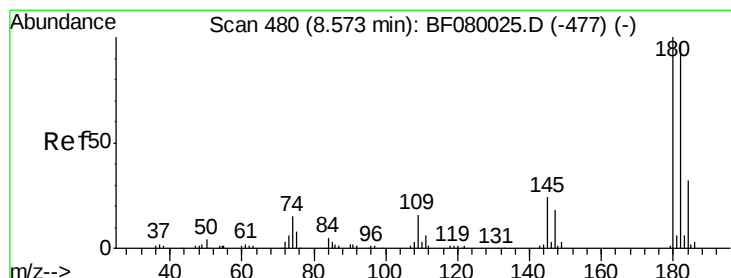
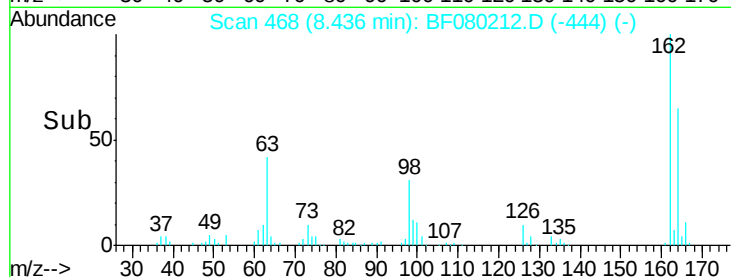
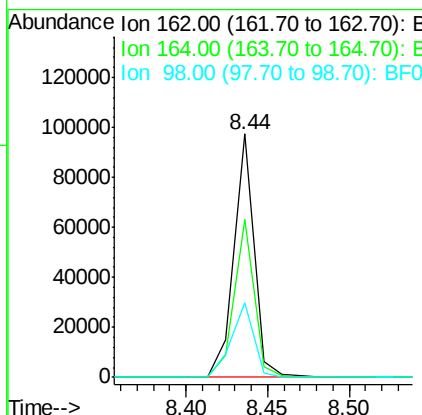
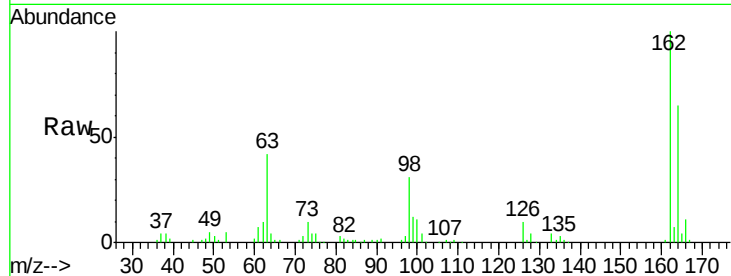
#29
 2,4-Dichlorophenol
 Concen: 54.84 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	82680		
164	64.6	44.9	84.9	
98	30.6	13.0	53.0	

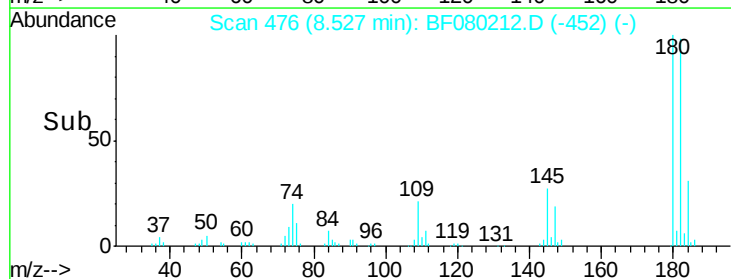
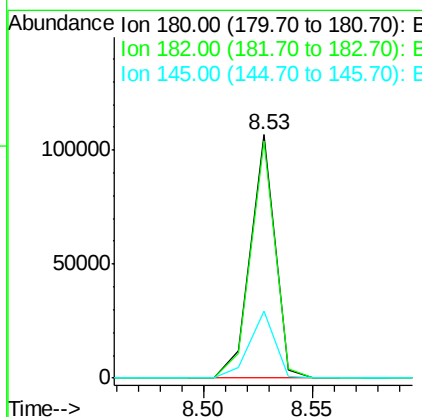
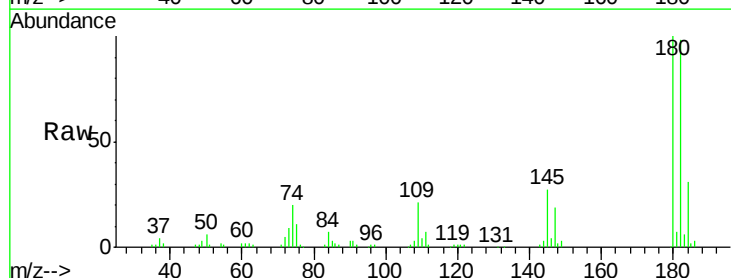
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.05 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83982		
182	97.5	77.1	115.7	
145	27.3	23.3	34.9	





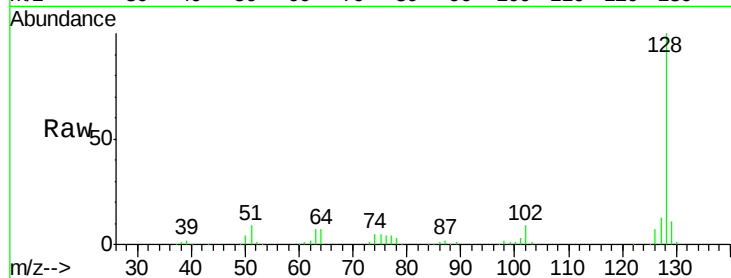
#31
Naphthalene
Concen: 44.92 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

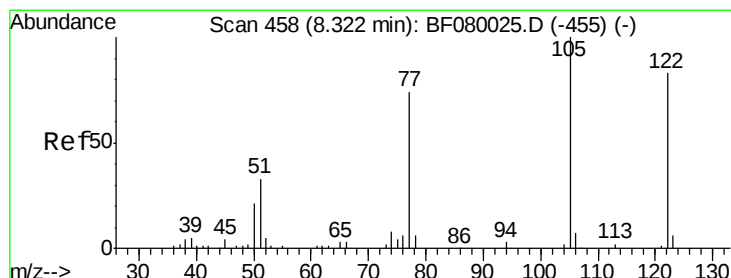
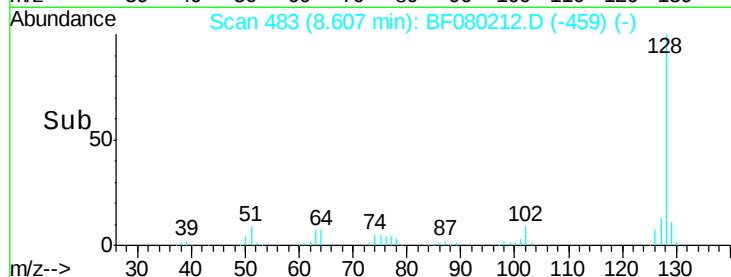
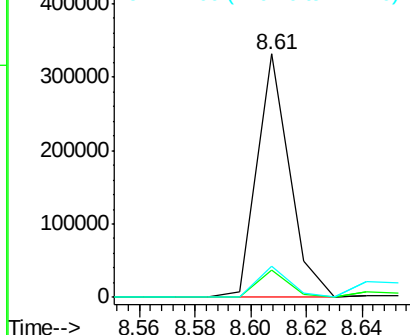
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	267208		
129	11.3	8.4	12.6	
127	12.6	9.9	14.9	

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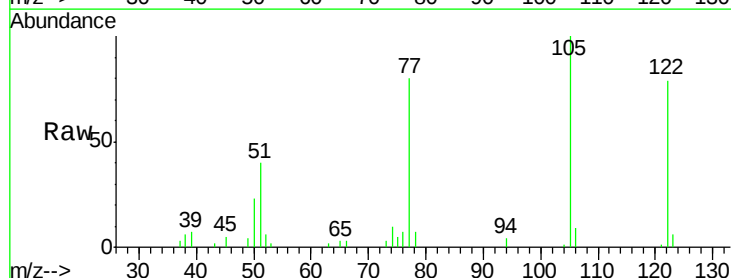


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

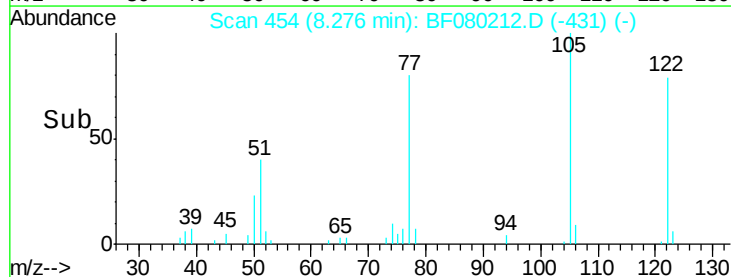
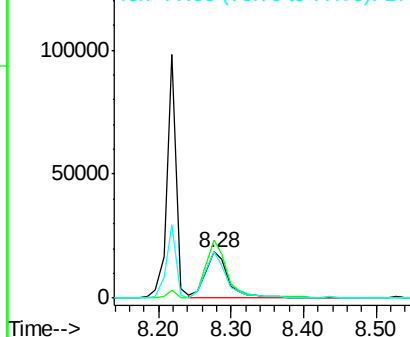


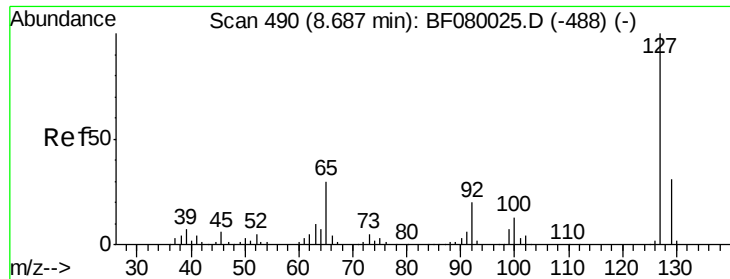
#32
Benzoic acid
Concen: 39.02 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41531		
105	125.9	76.1	116.1#	
77	100.4	40.5	80.5#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





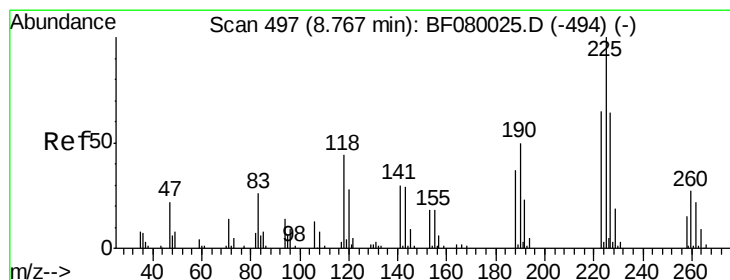
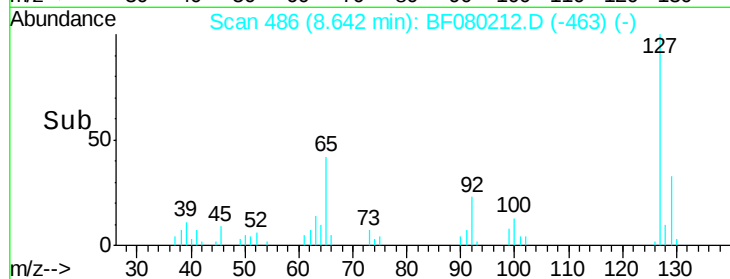
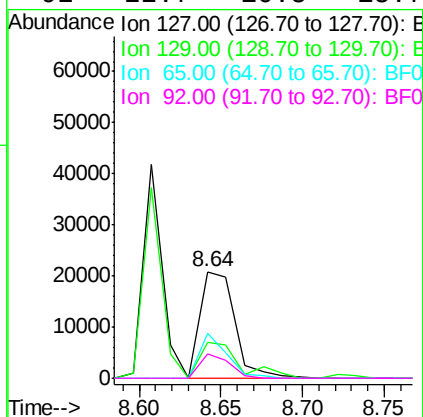
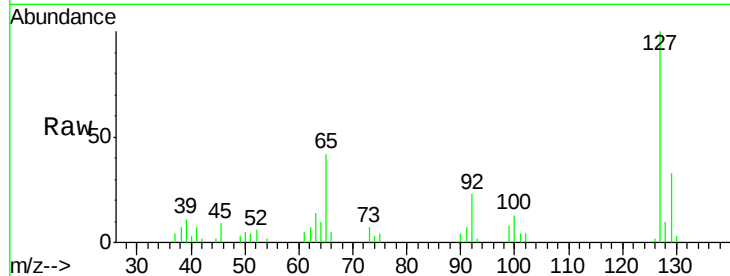
#33
 4-Chloroaniline
 Concen: 12.15 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
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Tgt Ion:	127	Resp:	30927
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.8	38.6
65	41.8	17.9	26.9#
92	22.7	10.5	15.7#

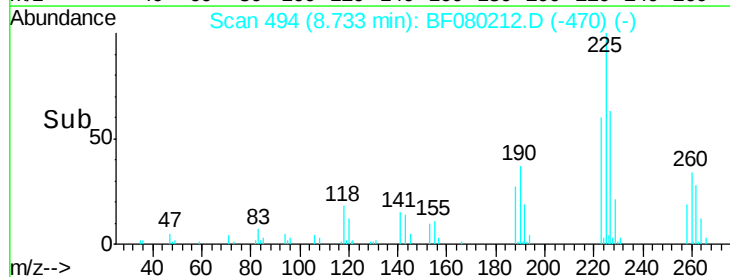
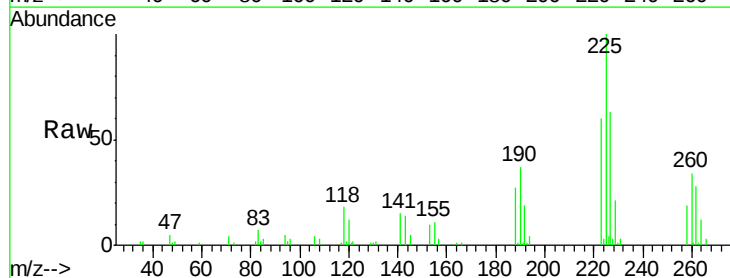
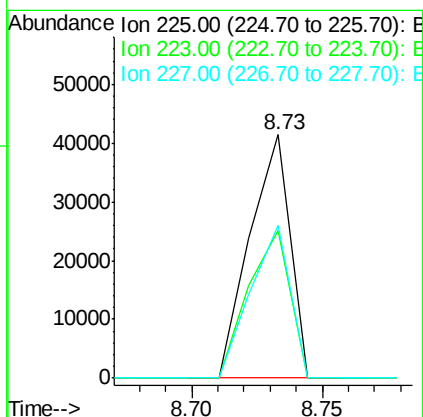
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#34
 Hexachlorobutadiene
 Concen: 42.42 ng
 RT: 8.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:	225	Resp:	44720
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.2	75.2
227	62.7	52.2	78.2





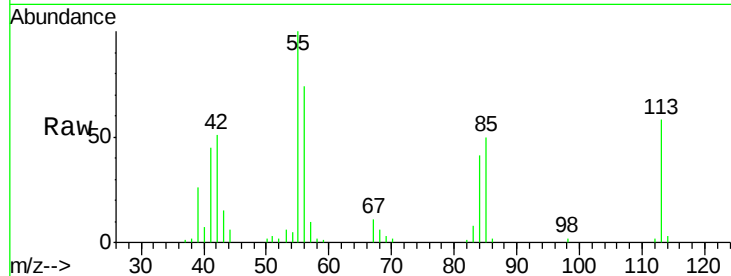
#35
 Caprolactam
 Concen: 44.59 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
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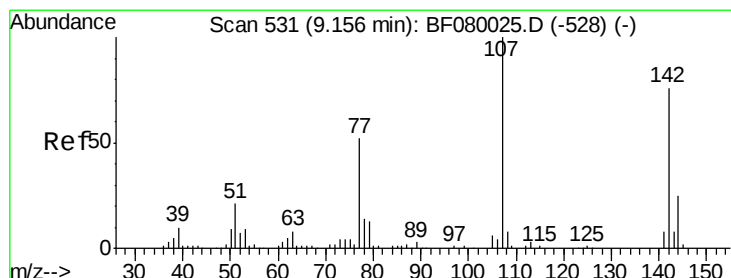
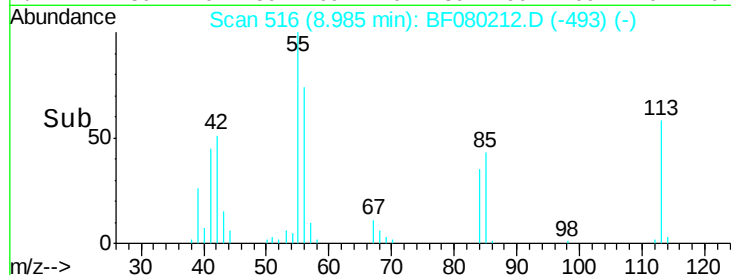
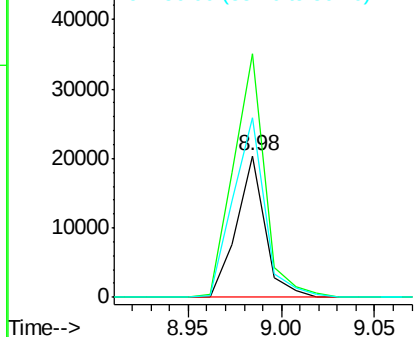
Tgt Ion:113 Resp: 21823
 Ion Ratio Lower Upper
 113 100
 55 171.8 152.4 192.4
 56 127.0 104.6 144.6

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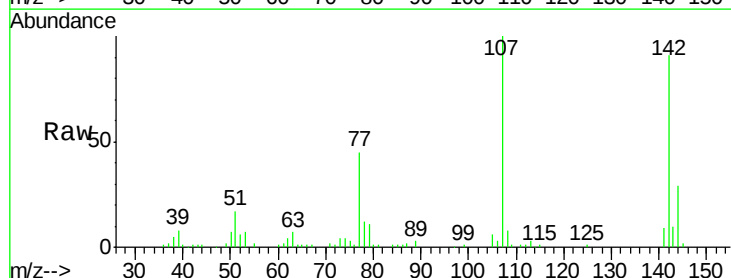


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

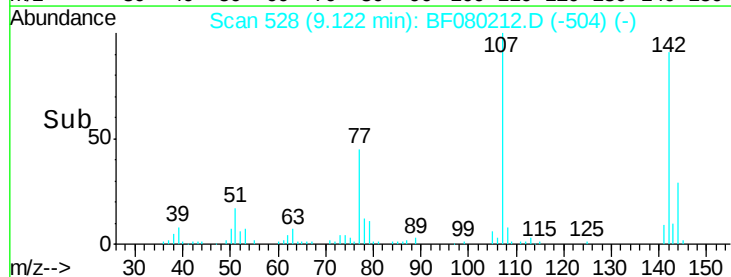
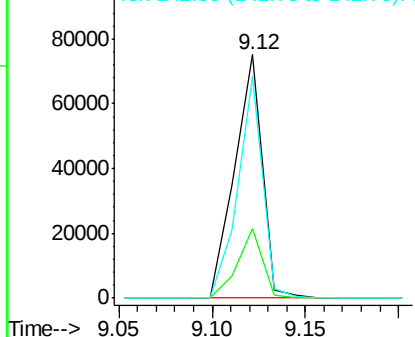


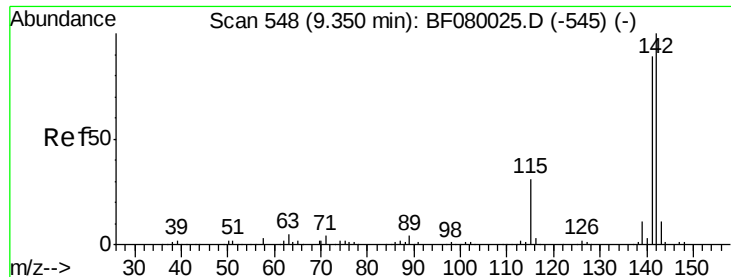
#36
 4-Chloro-3-methylphenol
 Concen: 45.87 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:107 Resp: 78001
 Ion Ratio Lower Upper
 107 100
 144 28.6 25.4 38.0
 142 91.2 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





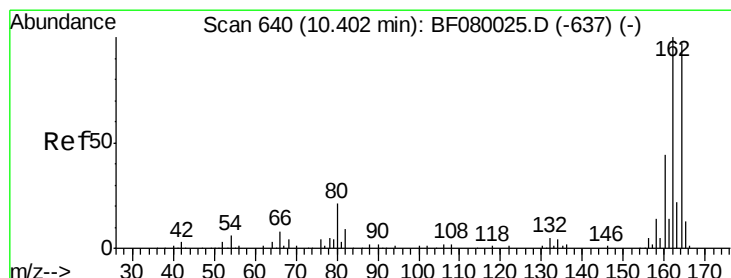
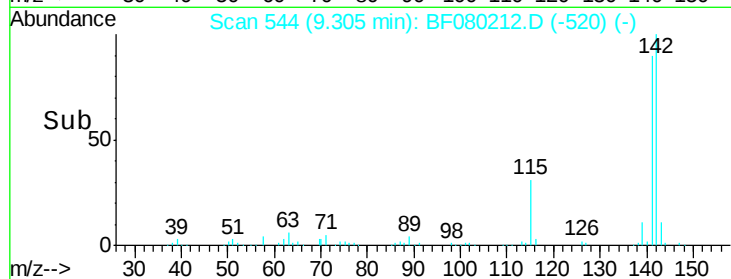
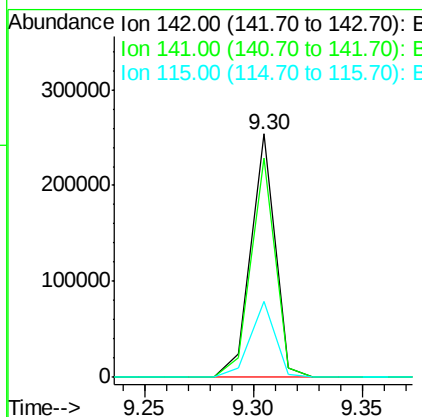
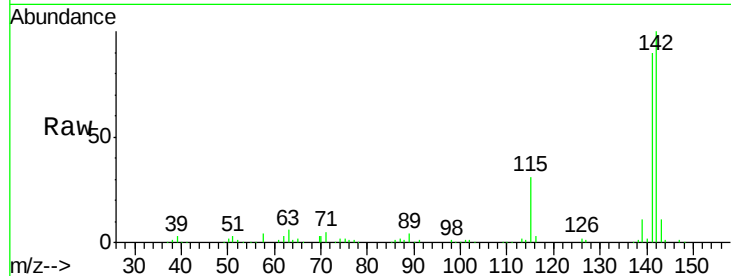
#37
 2-Methylnaphthalene
 Concen: 51.34 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	197559		
141	89.9	67.5	101.3	
115	31.4	18.2	27.2	

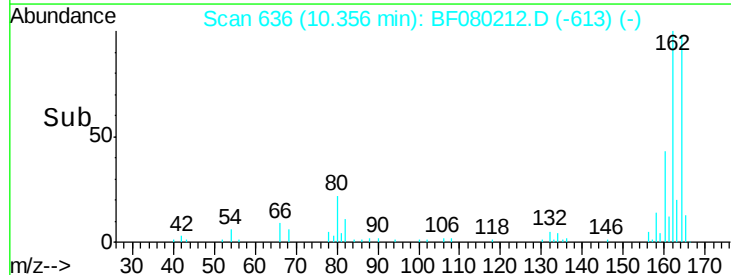
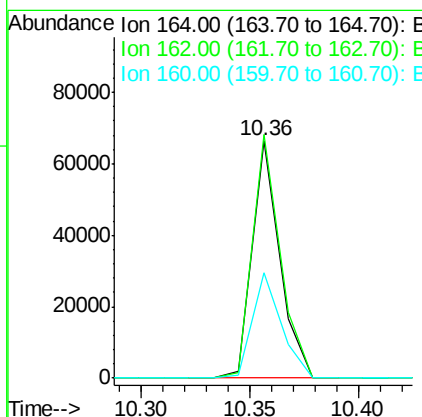
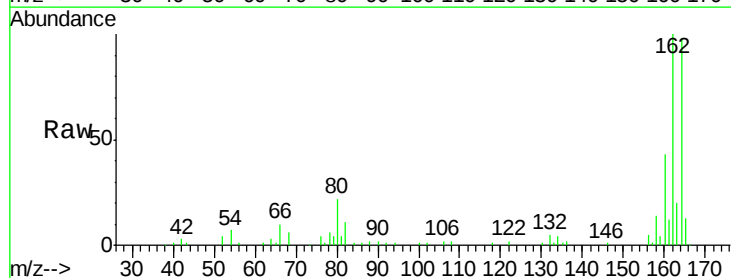
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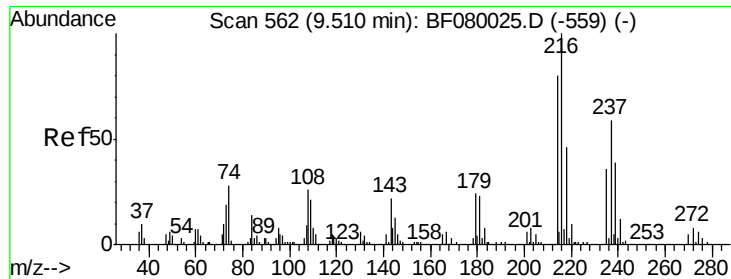
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58269		
162	102.4	75.2	112.8	
160	44.5	31.5	47.3	





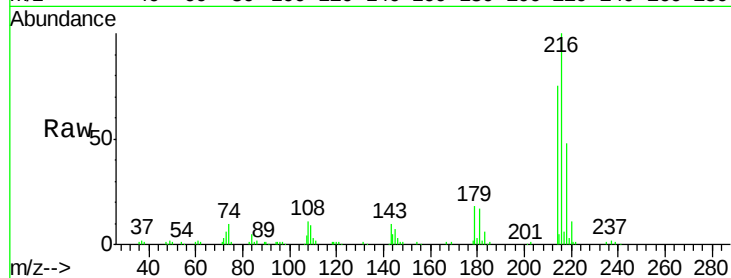
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.17 ng
 RT: 9.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

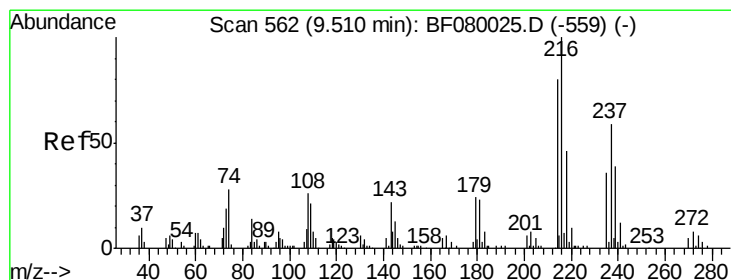
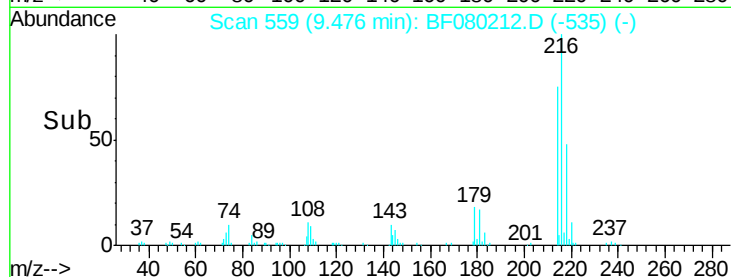
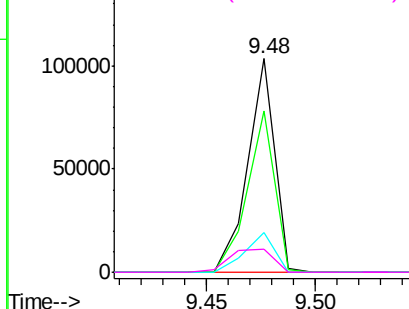
Tgt Ion:	216	Resp:	88466
Ion Ratio	Lower	Upper	
216	100		
214	76.9	63.5	95.3
179	20.1	16.6	24.8
108	17.5	16.3	24.5

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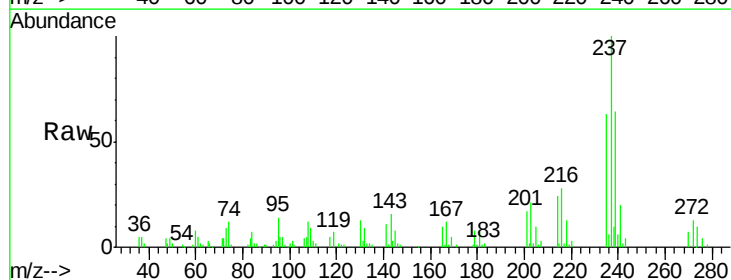


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

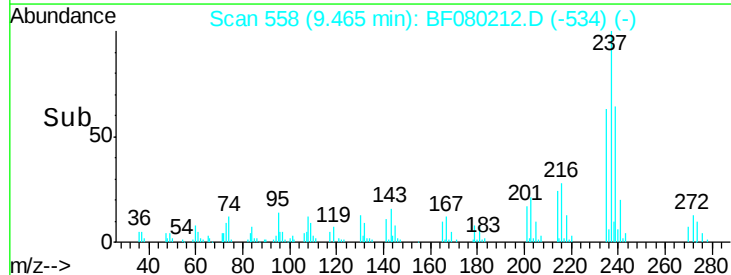
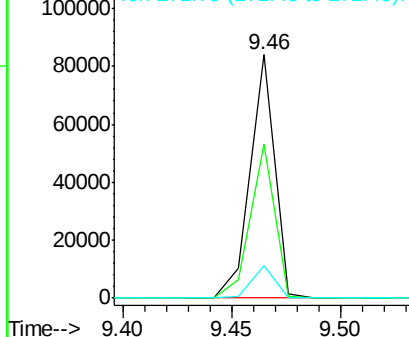


#40
 Hexachlorocyclopentadiene
 Concen: 75.72 ng
 RT: 9.46 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:	237	Resp:	65752
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.0	82.0
272	13.1	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





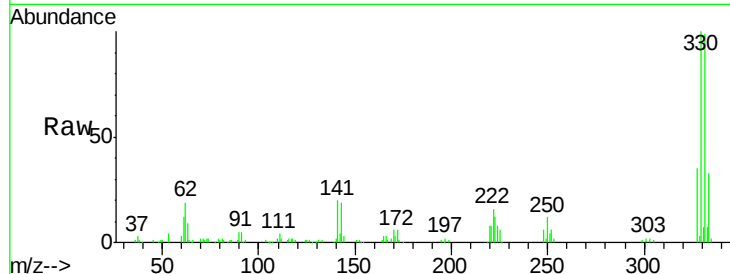
#41
 2,4,6-Tribromophenol
 Concen: 158.16 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
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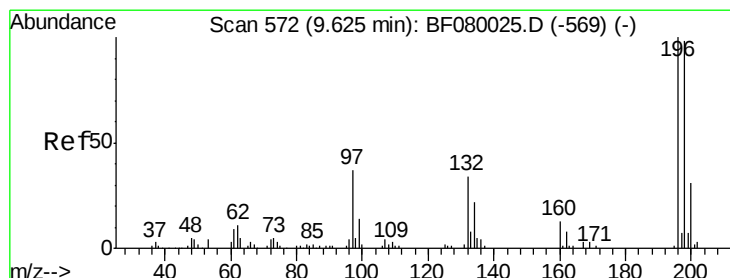
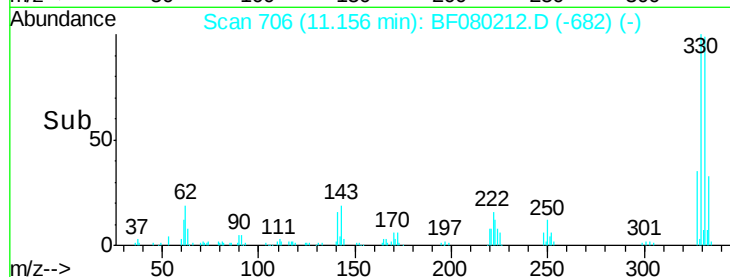
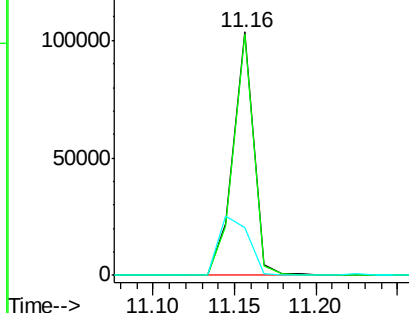
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	90119		
332	98.2	76.6	114.8	
141	35.0	29.7	44.5	

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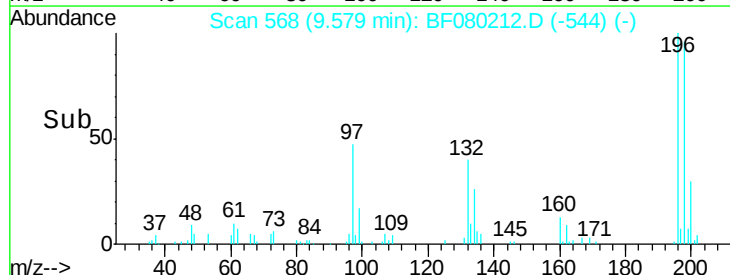
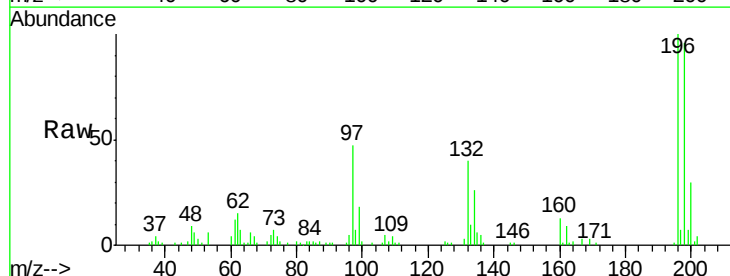
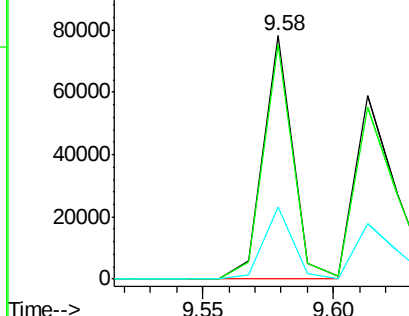
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

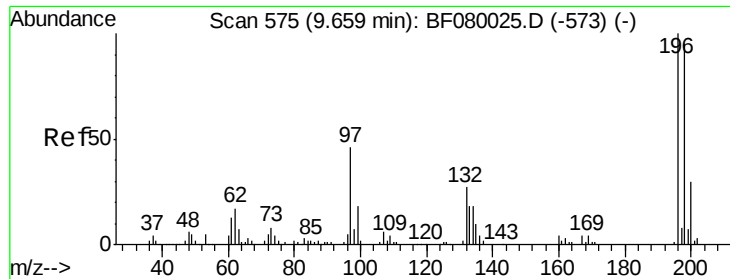


#42
 2,4,6-Trichlorophenol
 Concen: 53.70 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	61954		
198	96.2	75.7	113.5	
200	29.6	23.9	35.9	

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





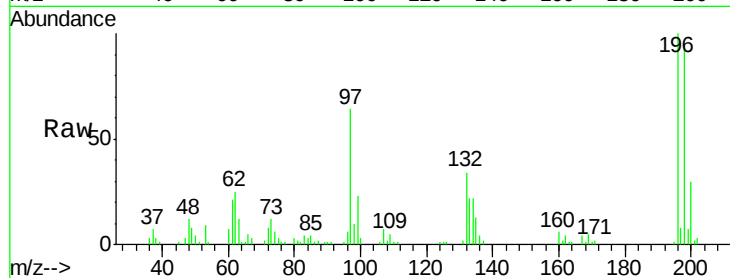
#43
 2,4,5-Trichlorophenol
 Concen: 46.24 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

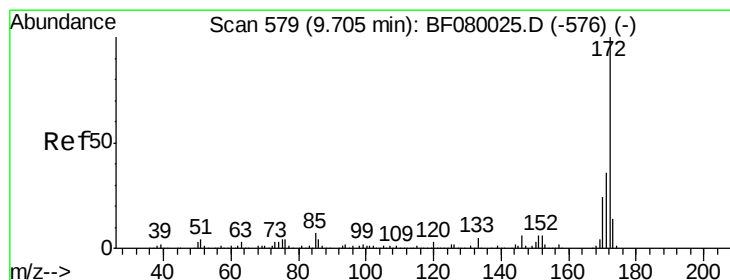
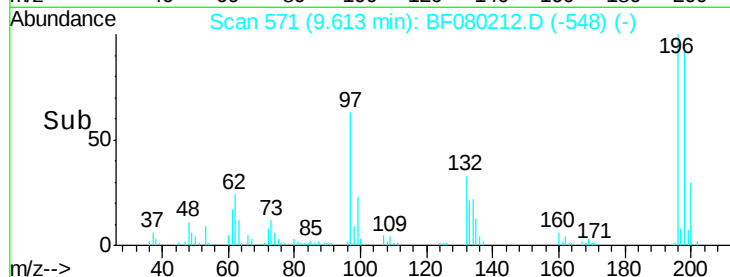
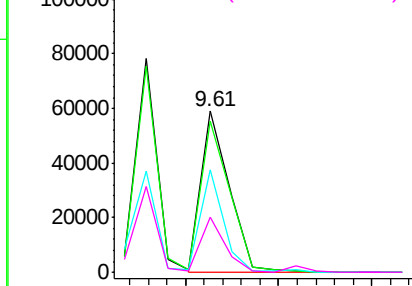
Tgt Ion:	196	Resp:	61462
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.4	113.0
97	63.9	33.3	49.9
132	34.0	24.6	37.0

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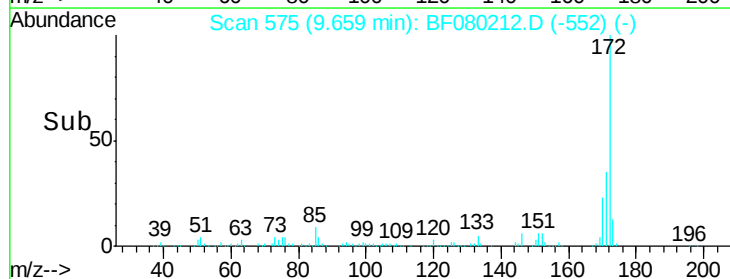
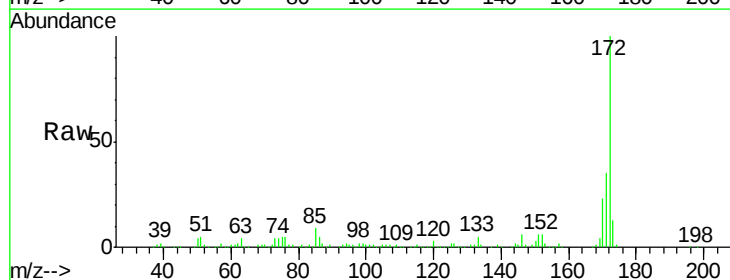
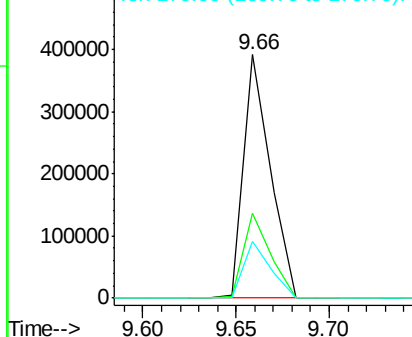
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.18 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:	172	Resp:	388882
Ion Ratio	Lower	Upper	
172	100		
171	35.1	26.1	39.1
170	23.2	17.4	26.2

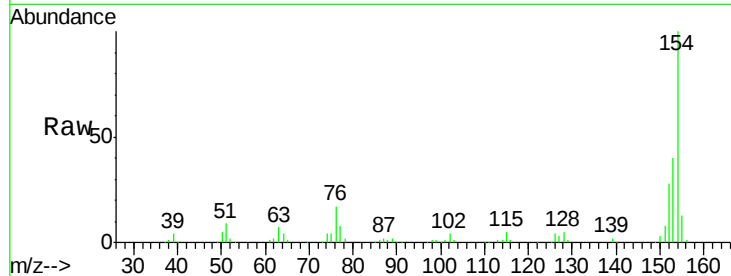
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 46.86 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

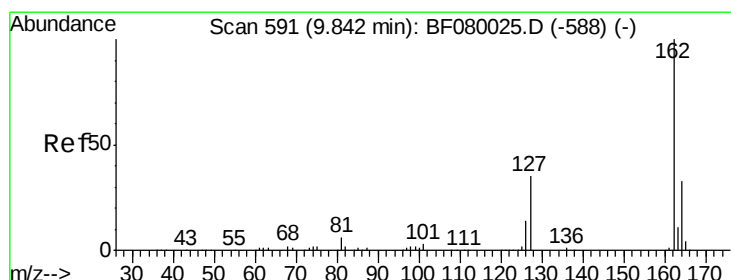
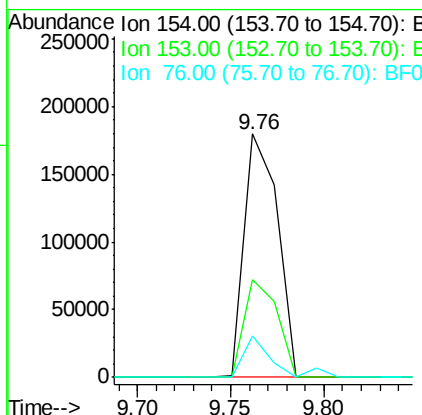
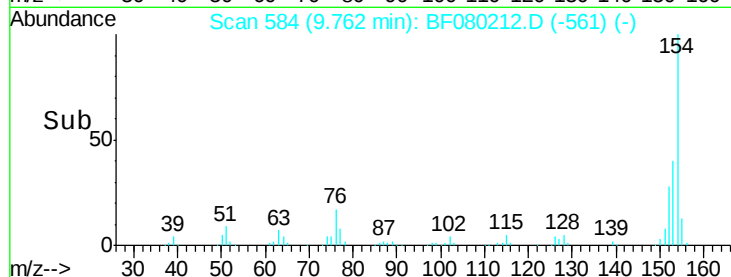
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	17.1	57.1	
76	17.1	0.0	31.6	

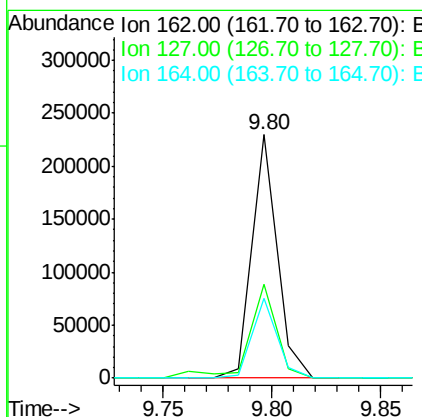
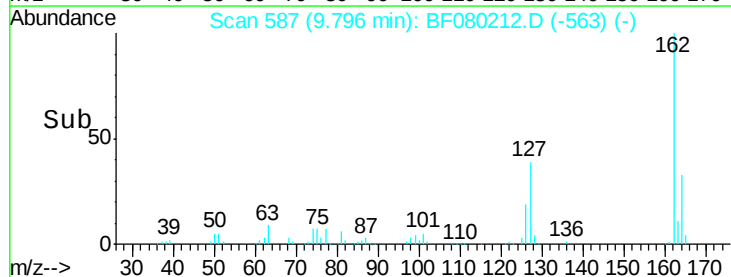
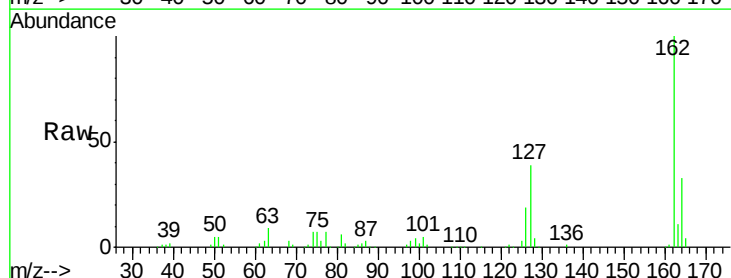
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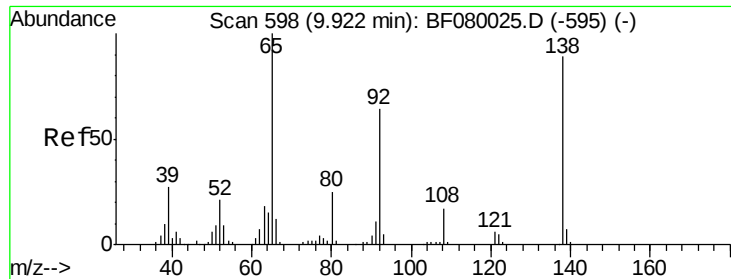
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#46
 2-Chloronaphthalene
 Concen: 47.87 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	27.6	41.4	
164	32.7	25.4	38.2	





#47

2-Nitroaniline

Concen: 48.36 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

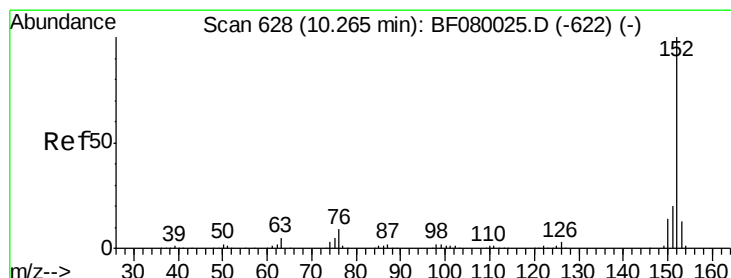
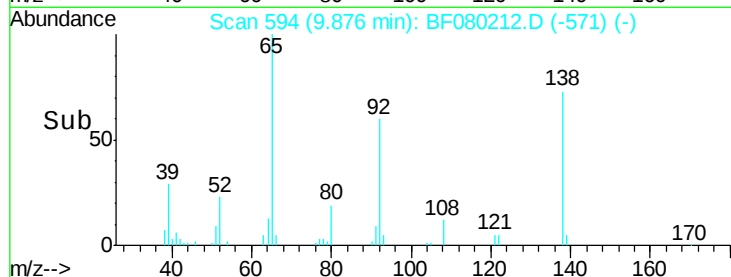
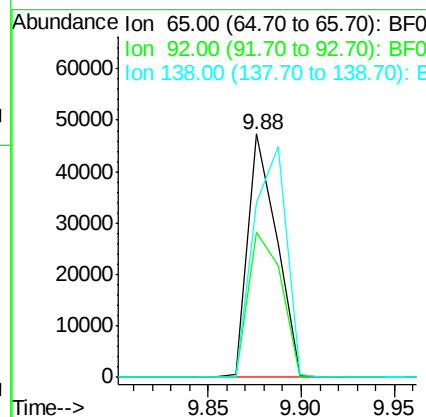
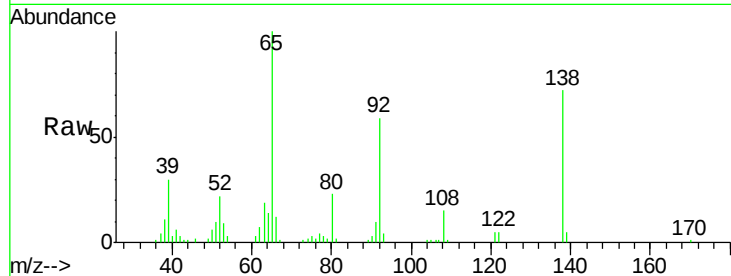
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	55.4	83.0
138	71.8	115.5	173.3#

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#48

Acenaphthylene

Concen: 49.35 ng

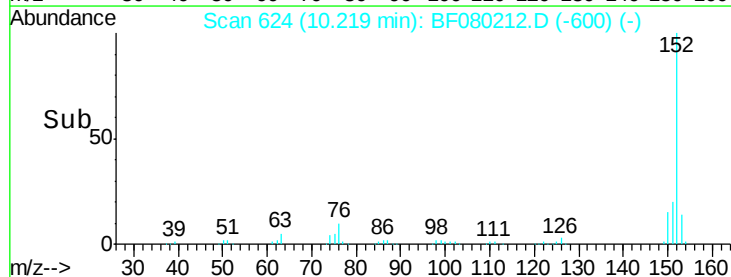
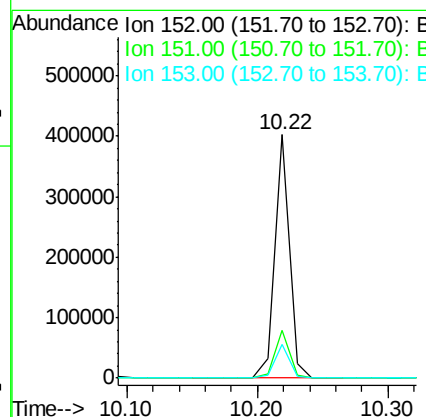
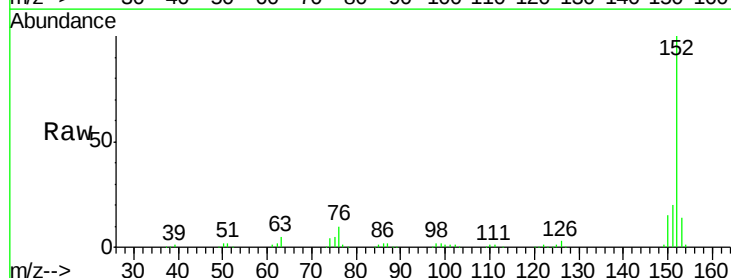
RT: 10.22 min Scan# 624

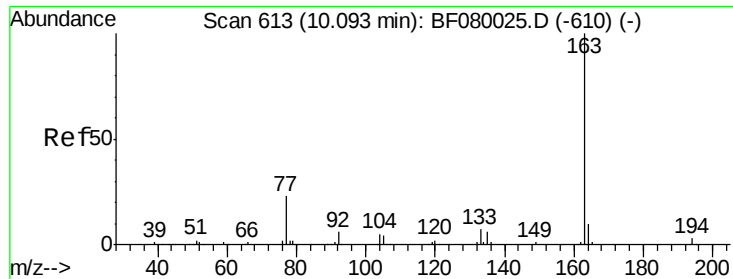
Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.6	22.0
153	13.7	10.3	15.5





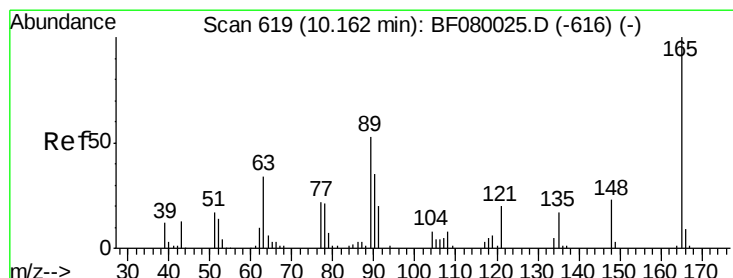
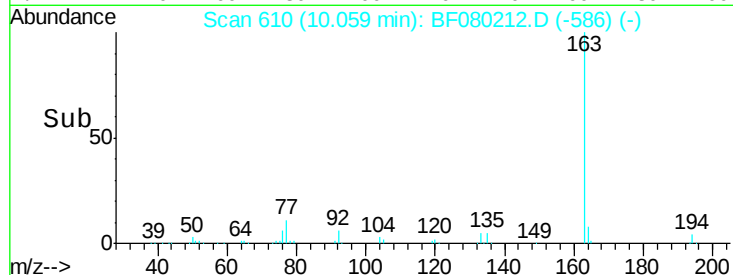
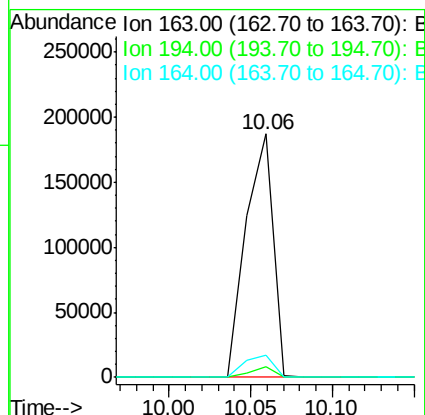
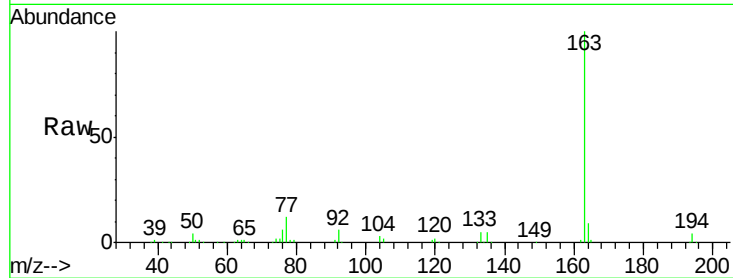
#49
Dimethylphthalate
Concen: 49.09 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	4.4	6.6#
164	9.1	8.3	12.5

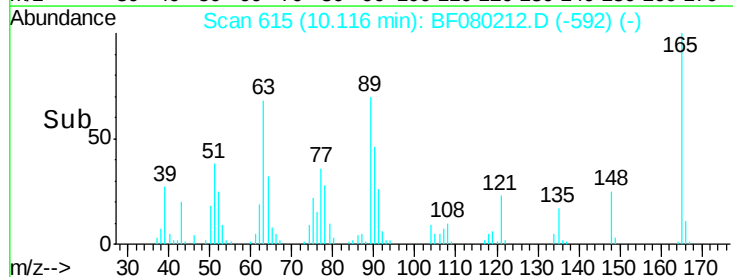
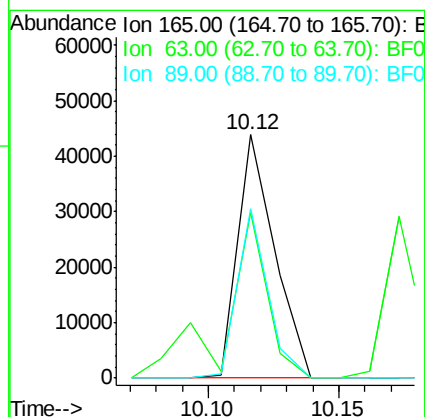
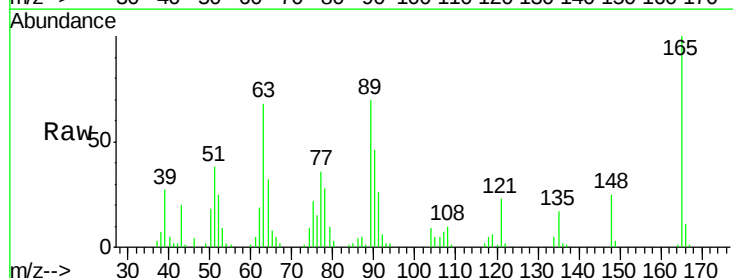
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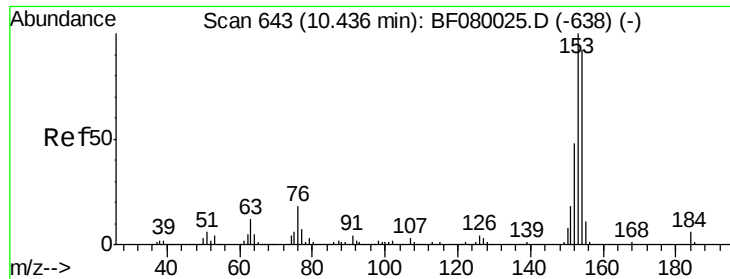
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#50
2,6-Dinitrotoluene
Concen: 49.21 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.0	32.3	48.5#
89	69.7	28.6	43.0#





#51

Acenaphthene

Concen: 50.45 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

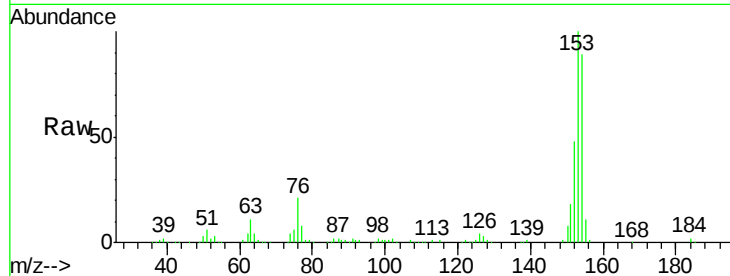
ClientSampleId :

SOIL-STOCKPILE-TMS

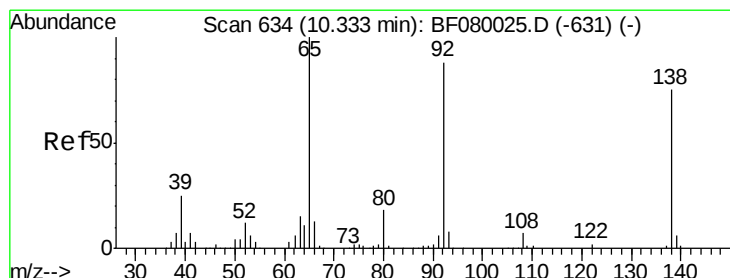
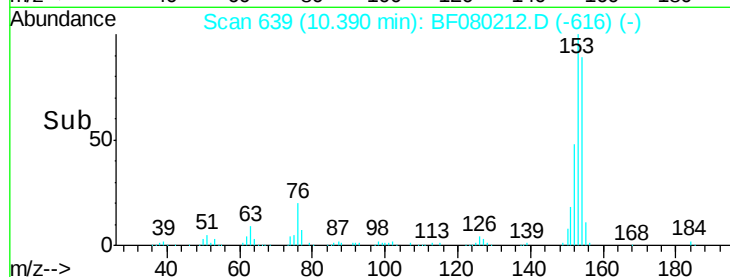
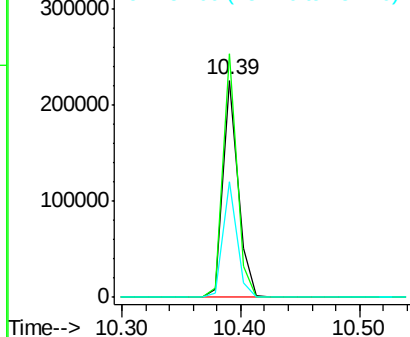
Tgt Ion:	154	Resp:	198157
Ion Ratio	Lower	Upper	
154	100		
153	112.3	82.1	123.1
152	53.6	37.9	56.9

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



#52

3-Nitroaniline

Concen: 26.92 ng

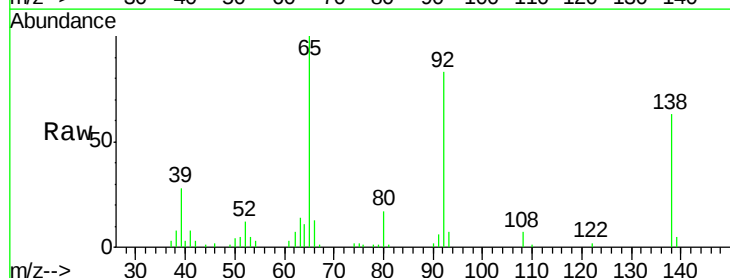
RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

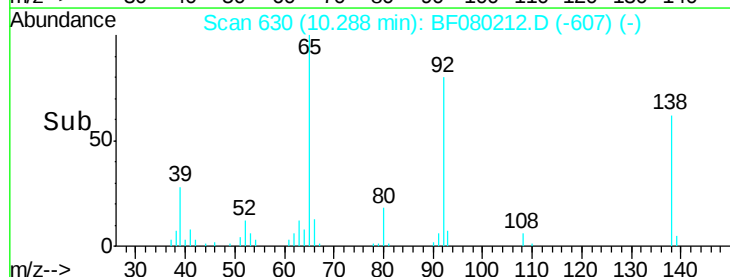
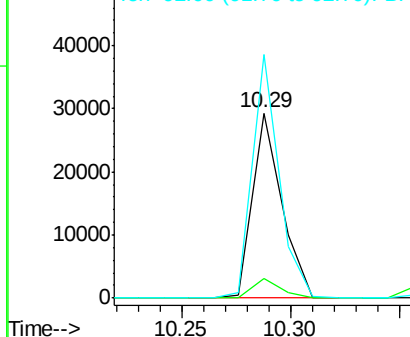
Lab File: BF080212.D

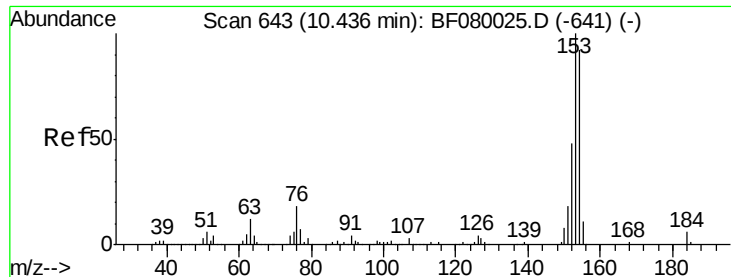
Acq: 29 Jun 2015 18:06

Tgt Ion:	138	Resp:	27273
Ion Ratio	Lower	Upper	
138	100		
108	10.7	5.7	8.5#
92	131.4	67.7	101.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 98.02 ng

RT: 10.40 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF080212.D

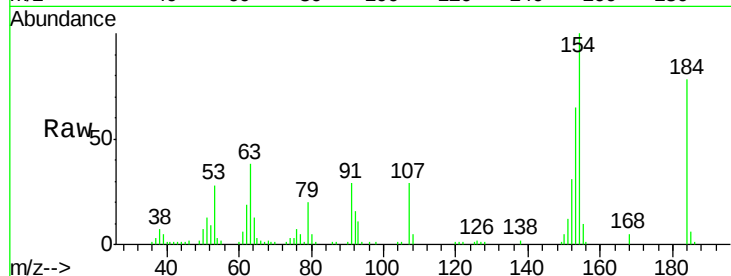
Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

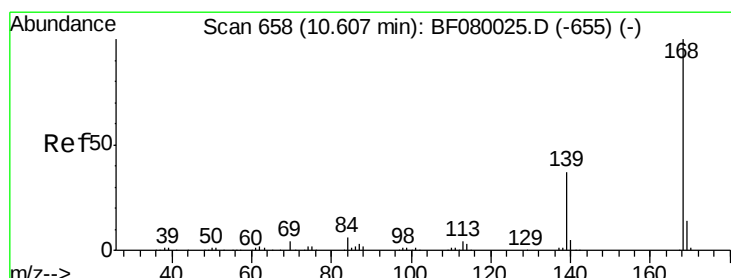
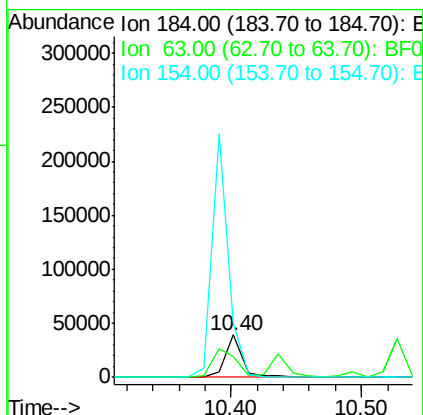
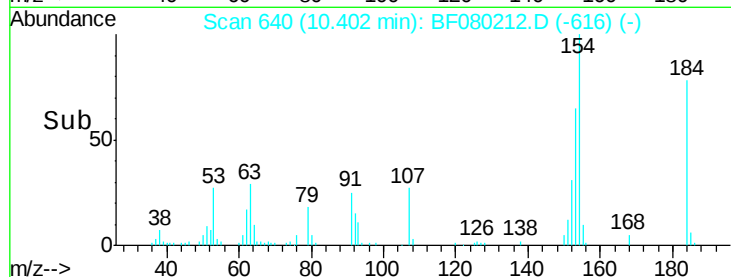
SOIL-STOCKPILE-TMS



Tgt Ion:	184	Resp:	35544
Ion Ratio	Lower	Upper	
184	100		
63	48.7	35.4	53.2
154	128.0	32.2	48.4#

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#54

Dibenzofuran

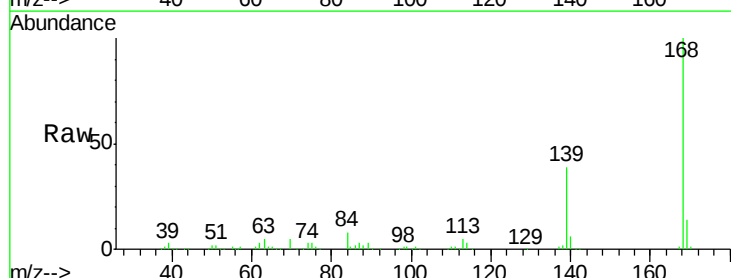
Concen: 48.85 ng

RT: 10.56 min Scan# 654

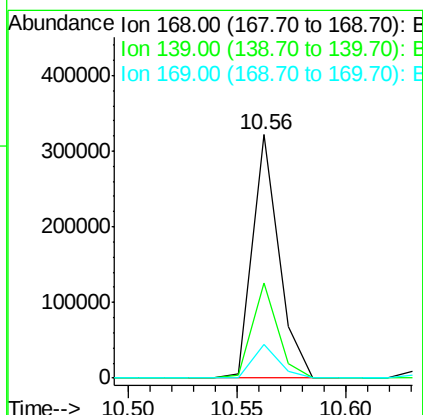
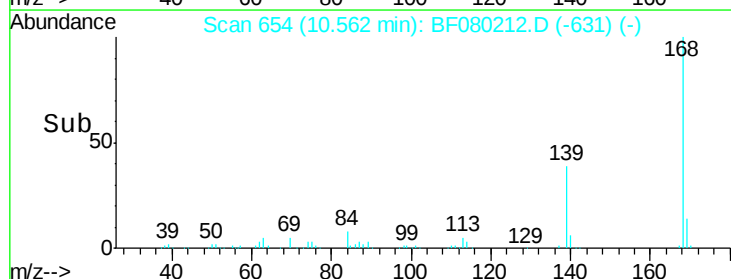
Delta R.T. -0.03 min

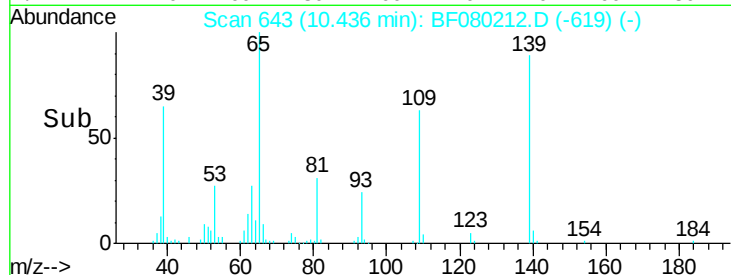
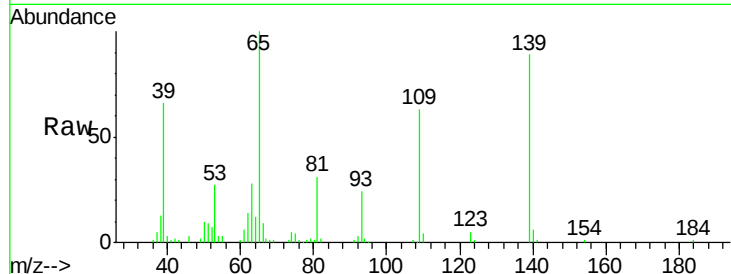
Lab File: BF080212.D

Acq: 29 Jun 2015 18:06



Tgt Ion:	168	Resp:	272267
Ion Ratio	Lower	Upper	
168	100		
139	39.0	24.2	36.2#
169	13.6	10.6	15.8





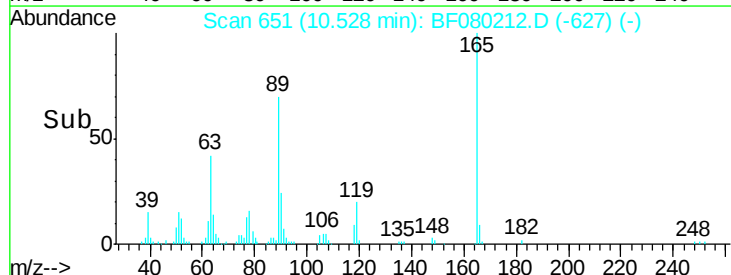
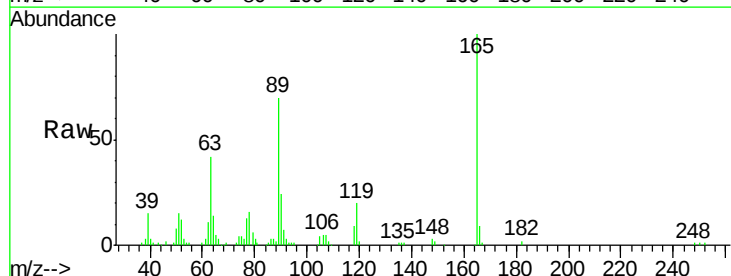
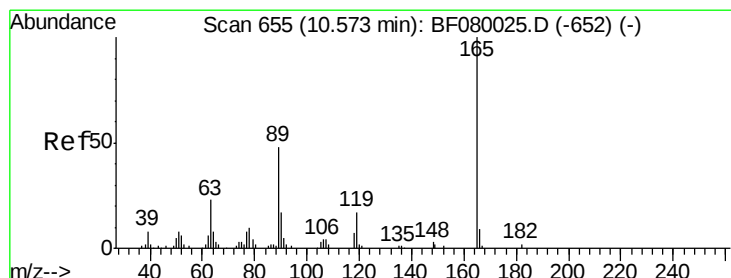
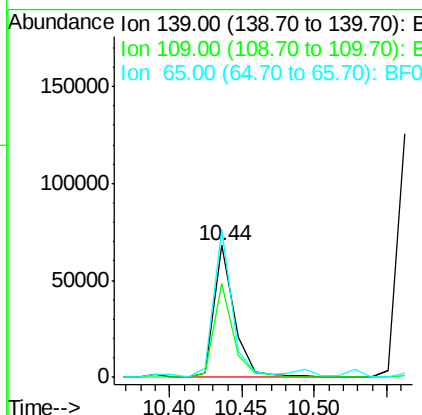
#55
4-Nitrophenol
Concen: 82.93 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67166		
109	70.9	12.7	52.7#	
65	112.3	45.9	85.9#	

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

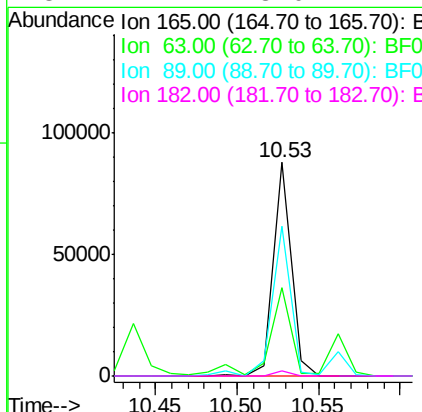
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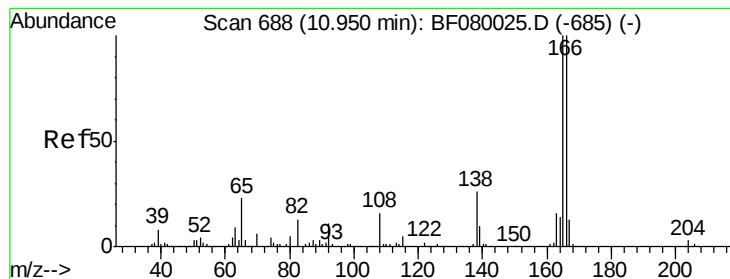
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#56
2,4-Dinitrotoluene
Concen: 60.92 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	67895		
63	41.5	29.8	44.6	
89	70.2	44.5	66.7#	
182	2.1	3.0	4.4#	





#57

Fluorene

Concen: 47.88 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

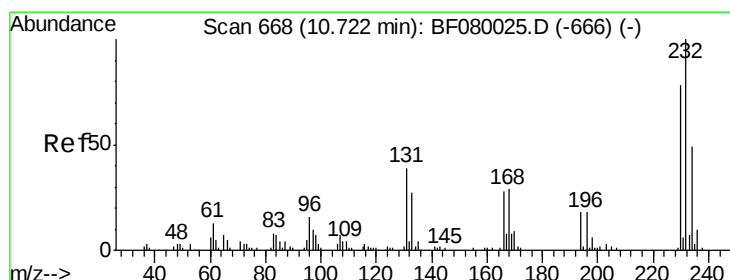
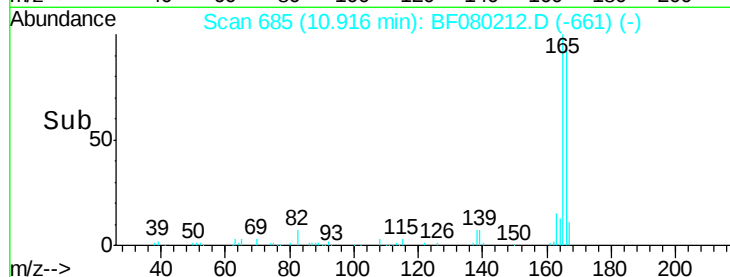
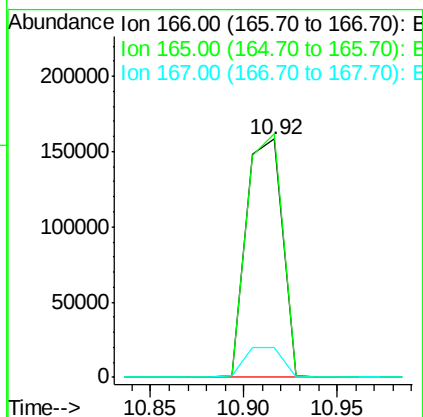
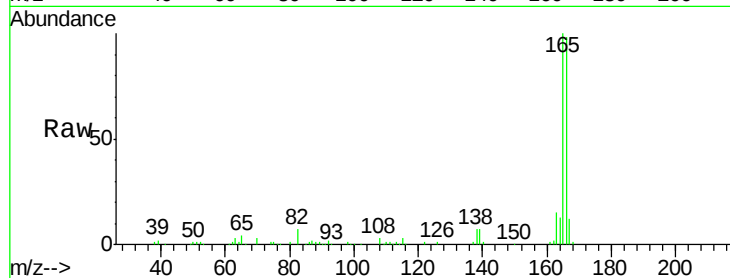
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:	166	Resp:	211725
Ion Ratio	Lower	Upper	
166	100		
165	102.3	72.6	109.0
167	12.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.61 ng

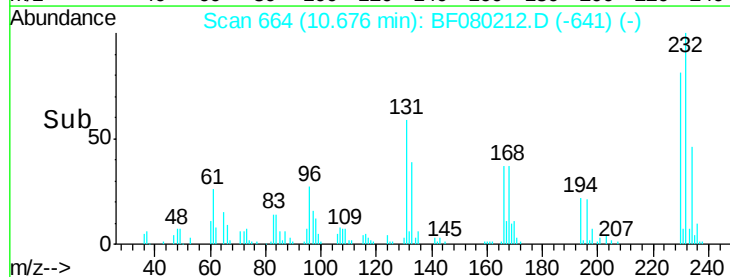
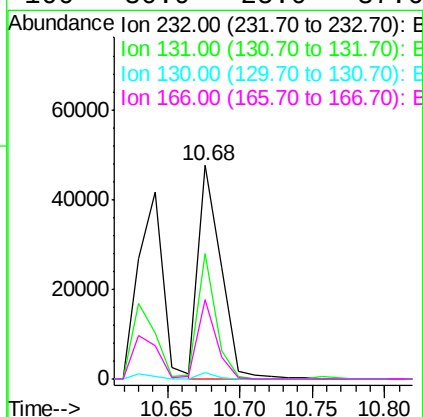
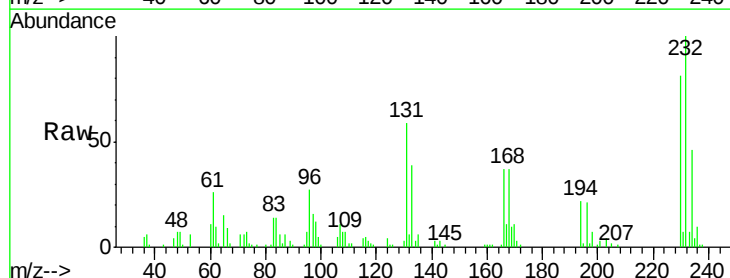
RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	232	Resp:	52305
Ion Ratio	Lower	Upper	
232	100		
131	46.9	38.5	57.7
130	2.3	1.8	2.6
166	30.9	25.0	37.6





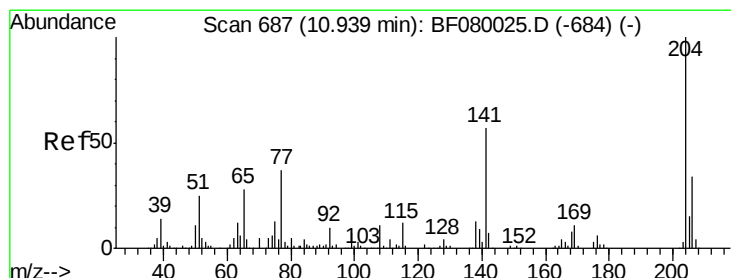
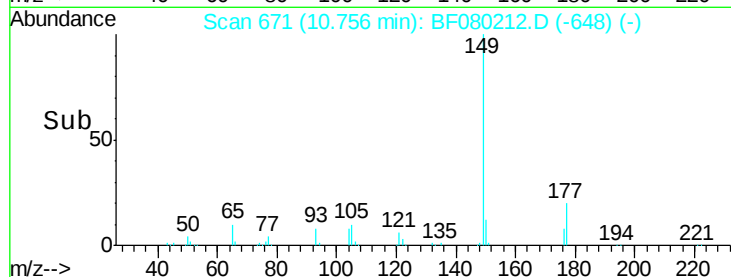
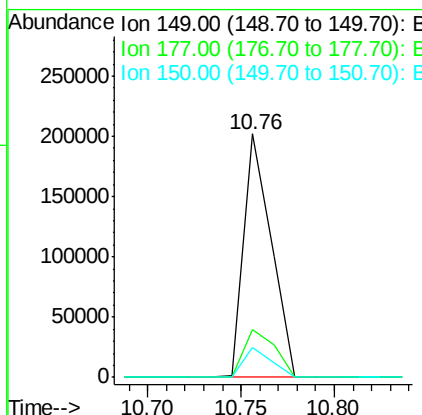
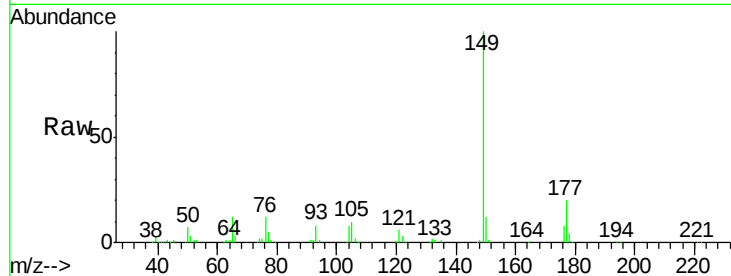
#59
Diethylphthalate
Concen: 47.30 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.6	17.5	26.3
150	12.2	9.4	14.2

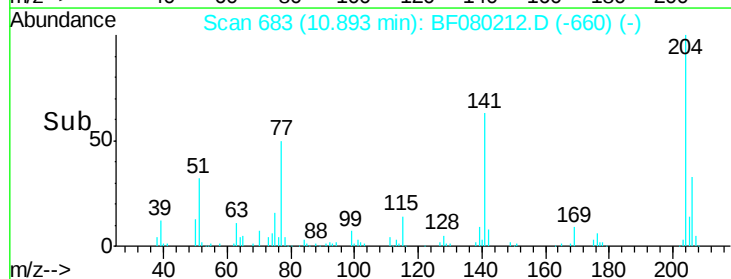
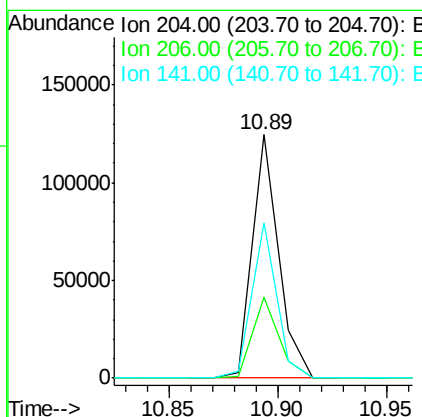
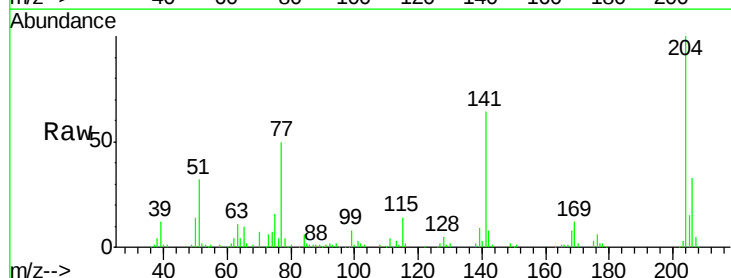
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#60
4-Chlorophenyl-phenylether
Concen: 48.99 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.4	24.8	37.2
141	63.7	42.2	63.4#





#61

4-Nitroaniline

Concen: 46.39 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

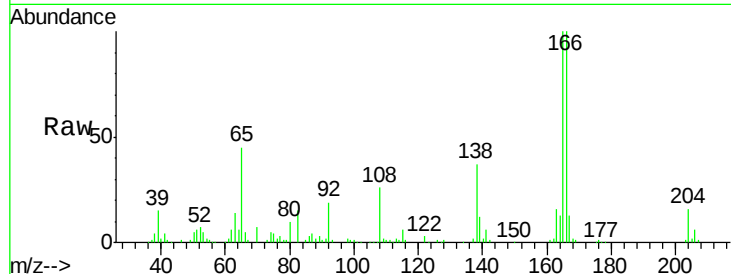
ClientSampleId :

SOIL-STOCKPILE-TMS

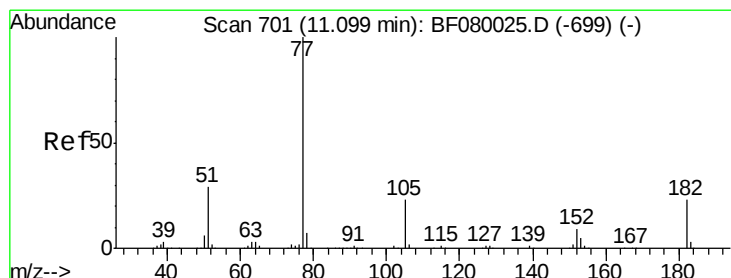
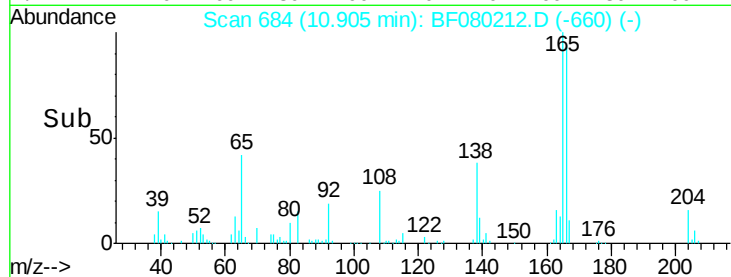
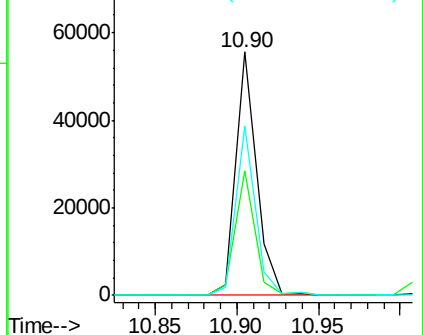
Tgt Ion:	138	Resp:	48543
Ion Ratio	Lower	Upper	
138	100		
92	51.2	12.6	52.6
108	69.4	12.4	52.4#

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.78 ng

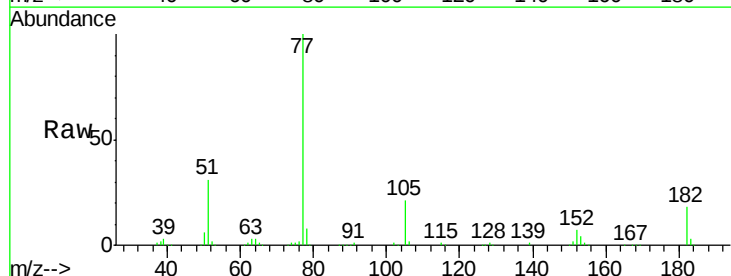
RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

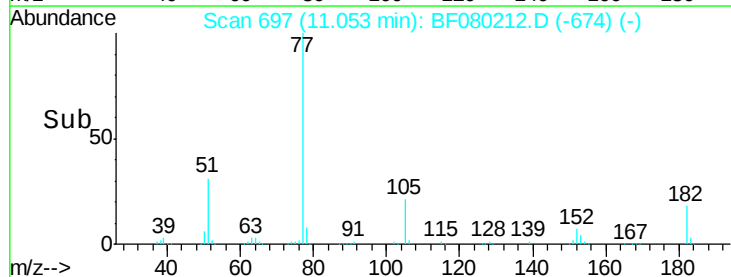
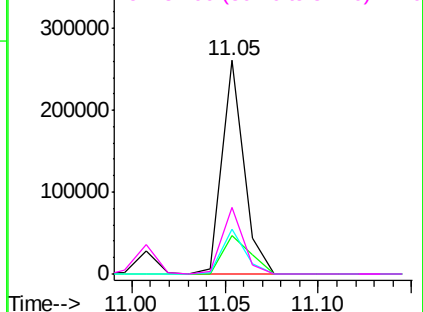
Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	77	Resp:	214565
Ion Ratio	Lower	Upper	
77	100		
182	18.1	15.1	55.1
105	20.9	3.4	43.4
51	31.1	12.0	52.0



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





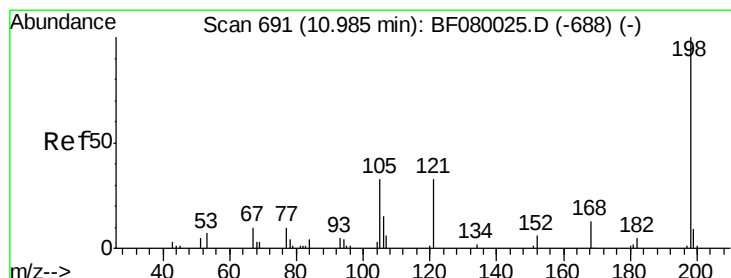
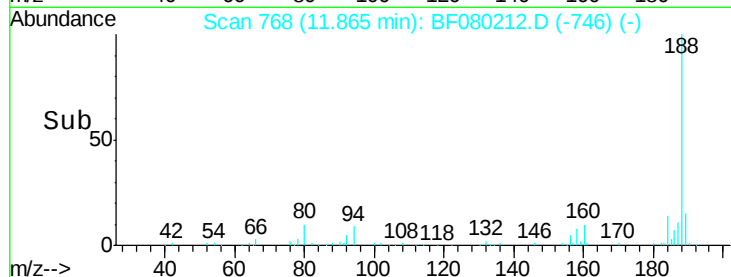
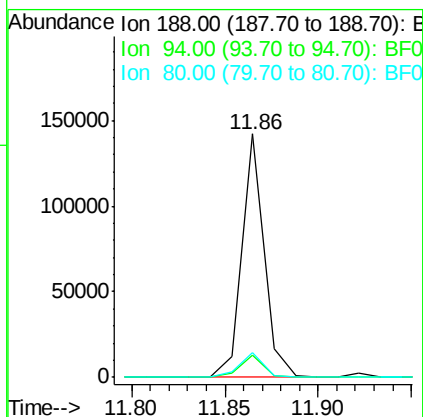
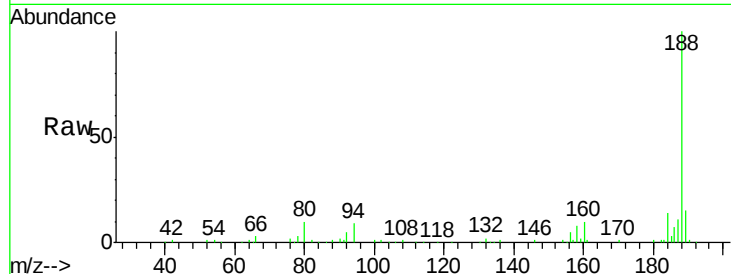
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	118223		
94	9.0	11.1	16.7#	
80	10.1	11.0	16.4#	

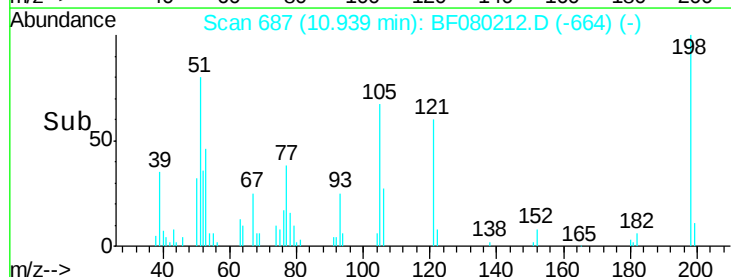
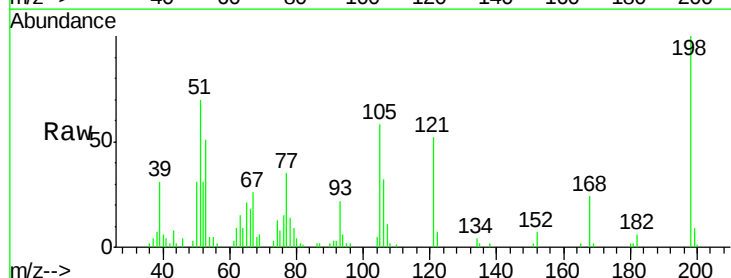
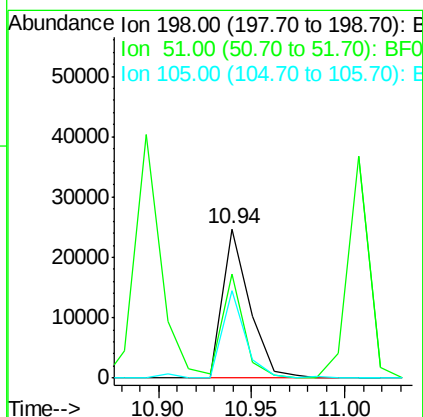
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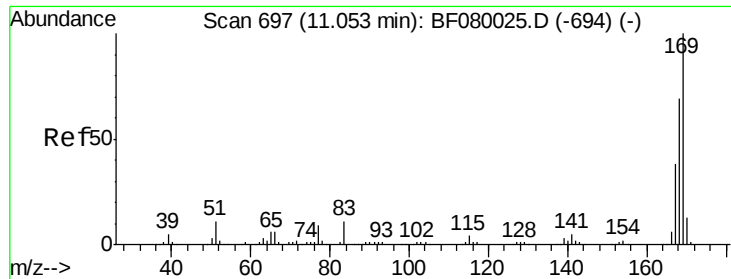
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.49 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24966		
51	69.9	39.6	79.6	
105	58.5	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 49.50 ng

RT: 11.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF080212.D

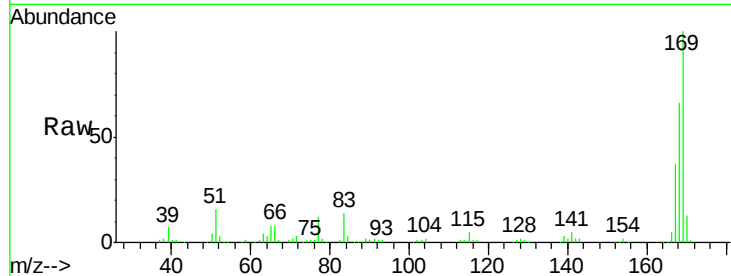
Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

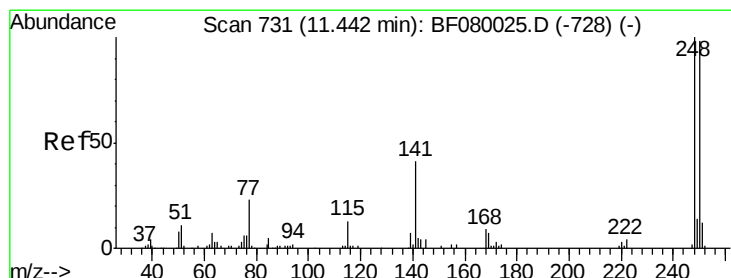
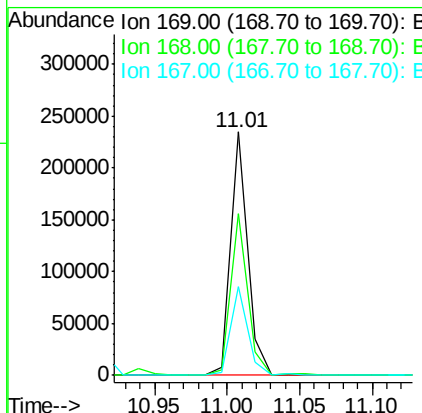
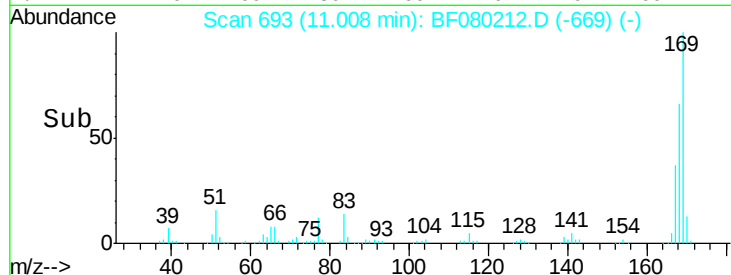
SOIL-STOCKPILE-TMS



Tgt Ion:	169	Resp:	190558
Ion Ratio	Lower	Upper	
169	100		
168	66.2	48.9	73.3
167	36.7	26.2	39.4

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#66

4-Bromophenyl-phenylether

Concen: 49.33 ng

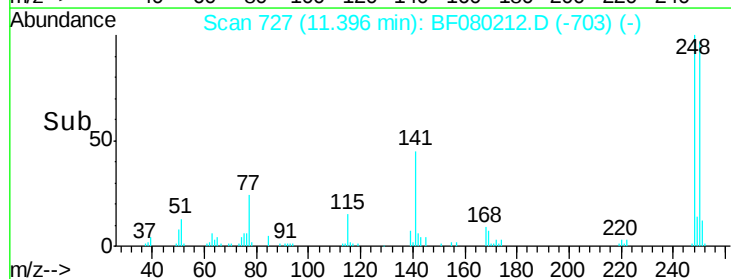
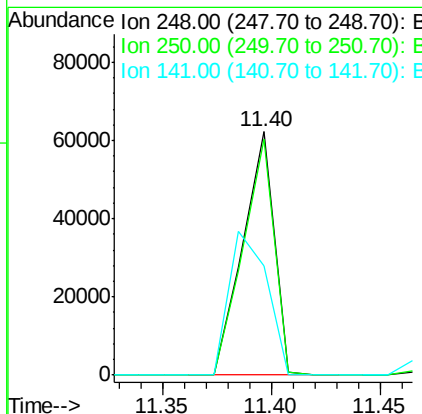
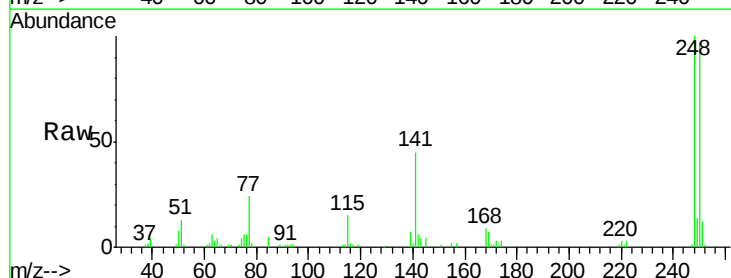
RT: 11.40 min Scan# 727

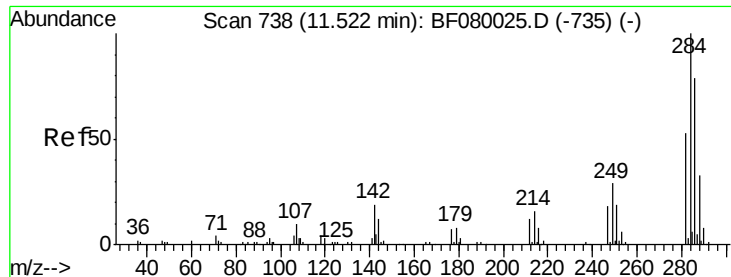
Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	248	Resp:	62011
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.5	117.7
141	45.0	59.0	88.6#





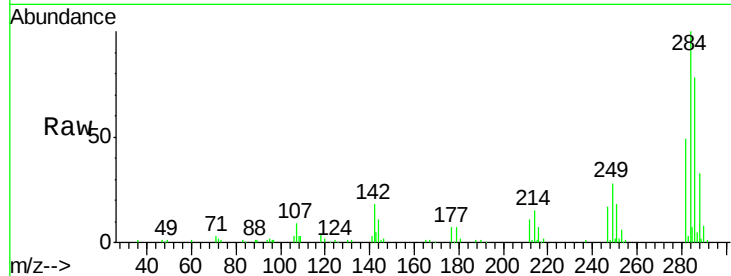
#67
Hexachlorobenzene
Concen: 48.91 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

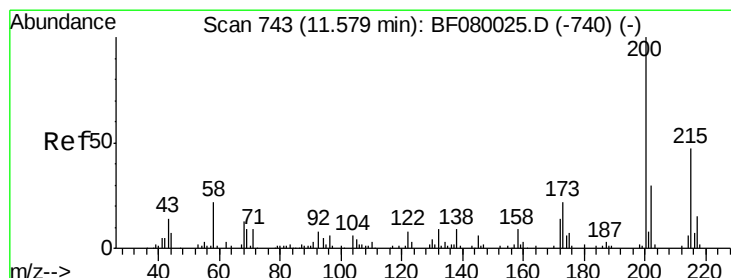
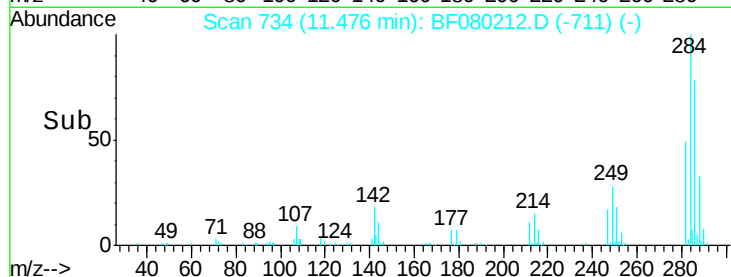
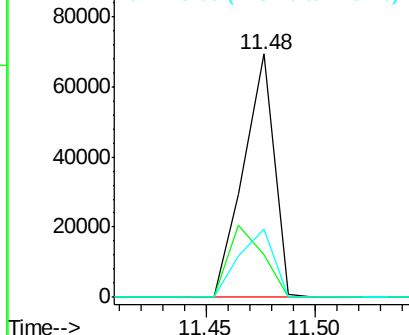
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	68336		
142	17.5	29.5	44.3#	
249	27.8	19.5	29.3	

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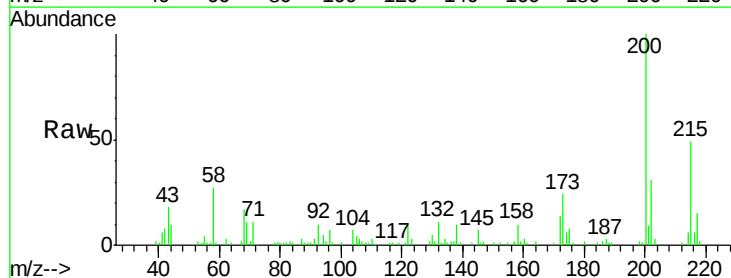


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

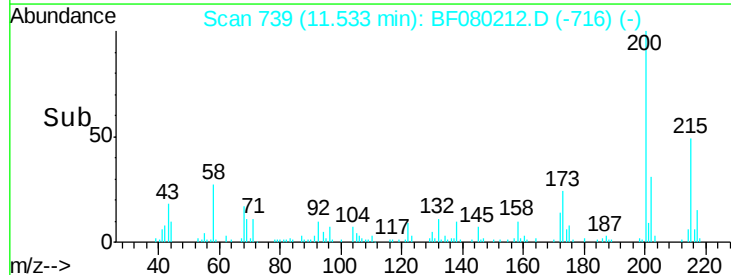
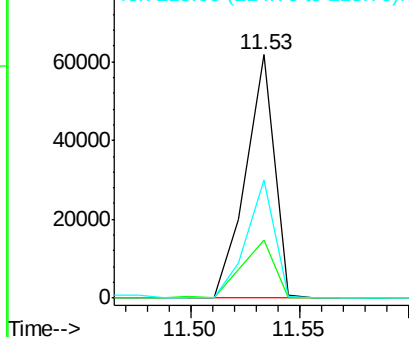


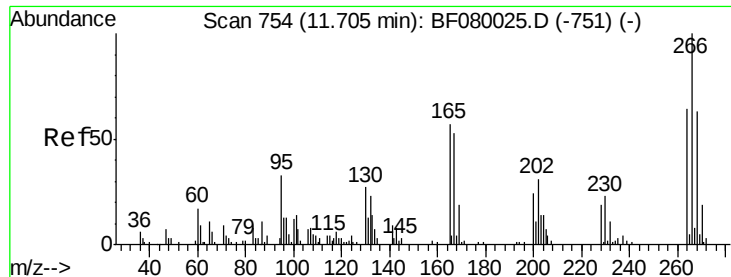
#68
Atrazine
Concen: 46.54 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	56600		
173	23.9	13.2	53.2	
215	48.6	41.8	81.8	



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





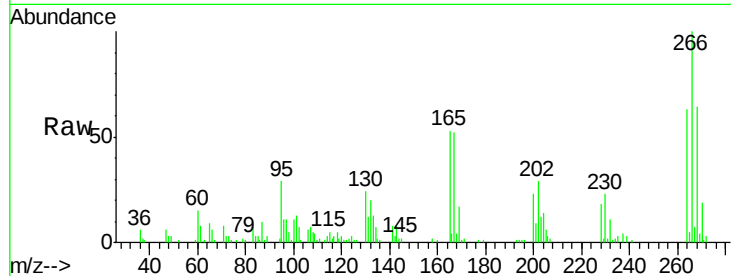
#69
 Pentachlorophenol
 Concen: 86.23 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

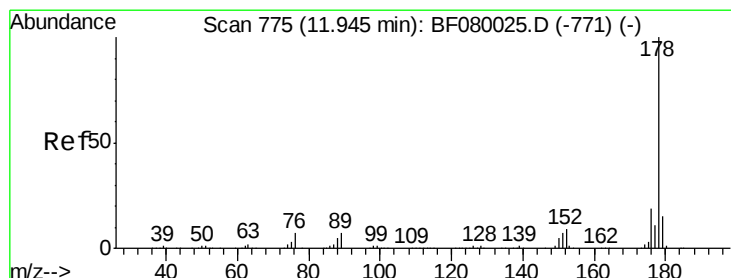
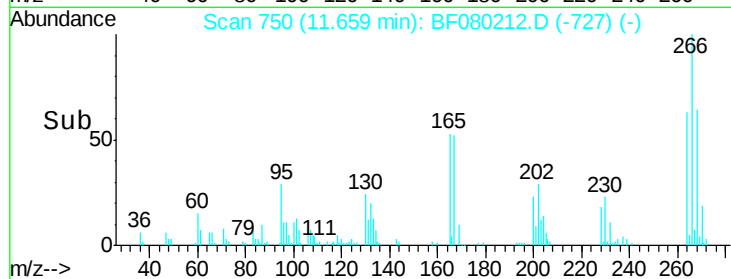
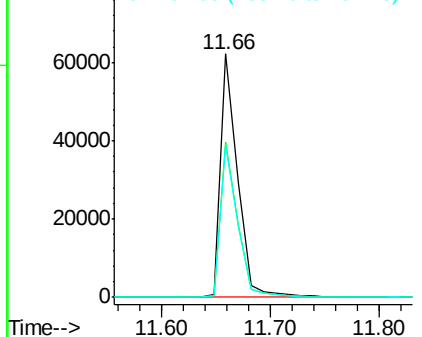
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68269		
268	63.5	49.8	74.6	
264	62.8	50.2	75.2	

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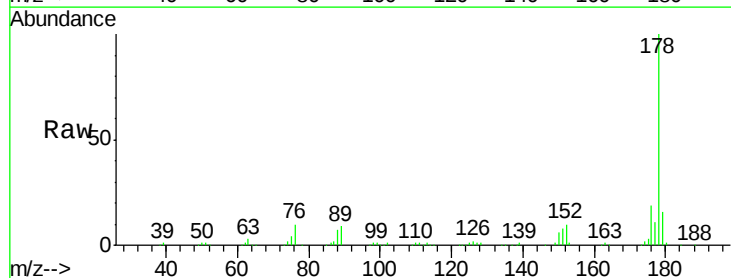


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

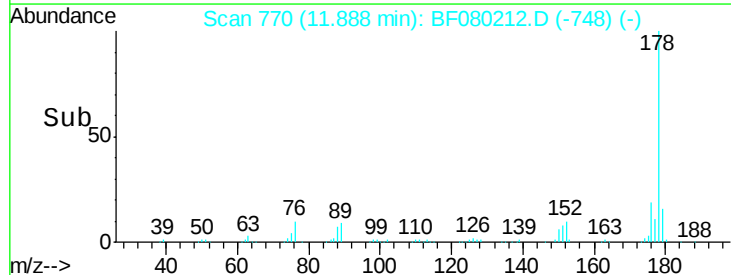
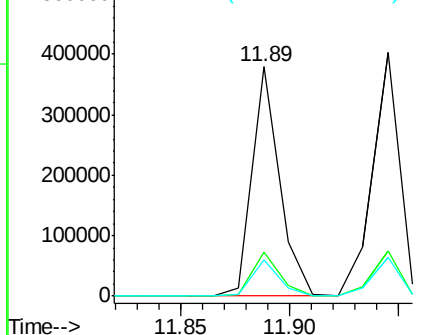


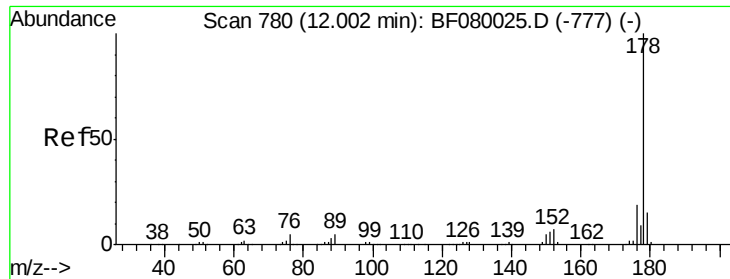
#70
 Phenanthrene
 Concen: 46.37 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	331870		
176	19.0	13.8	20.8	
179	15.7	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: 50.85 ng

RT: 11.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF080212.D

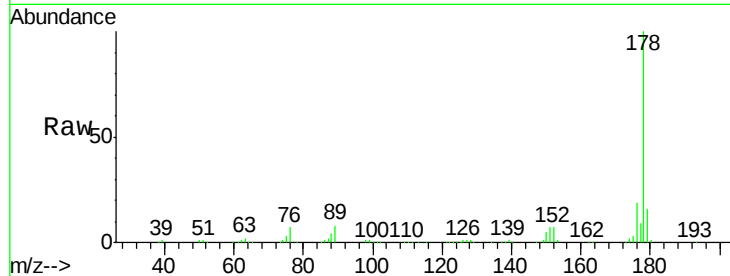
Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

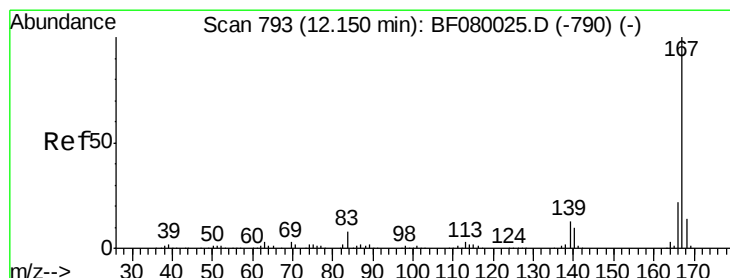
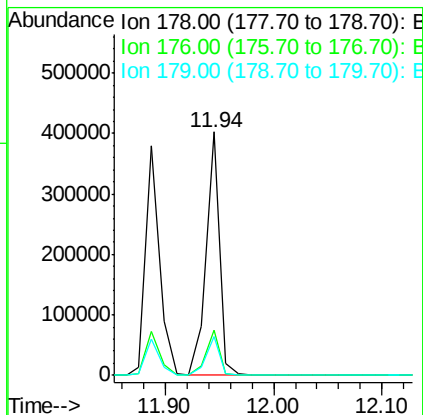
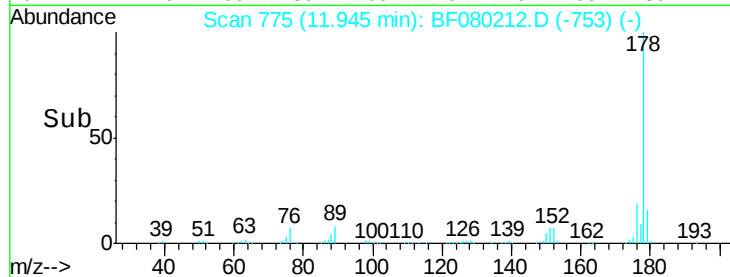
SOIL-STOCKPILE-TMS



Tgt Ion:	178	Resp:	350435
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.1	21.1
179	15.7	12.2	18.2

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#72

Carbazole

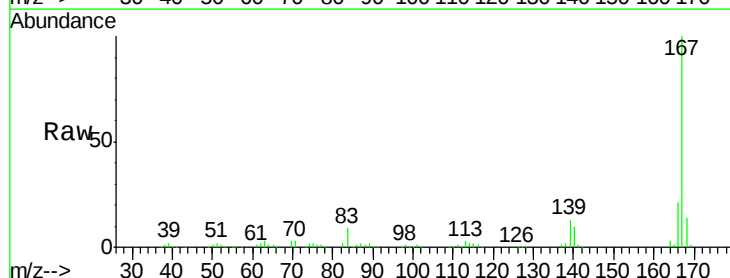
Concen: 46.12 ng

RT: 12.09 min Scan# 788

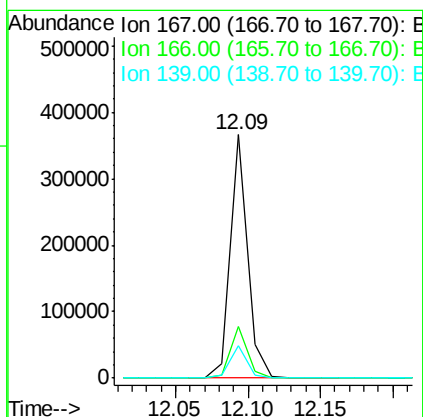
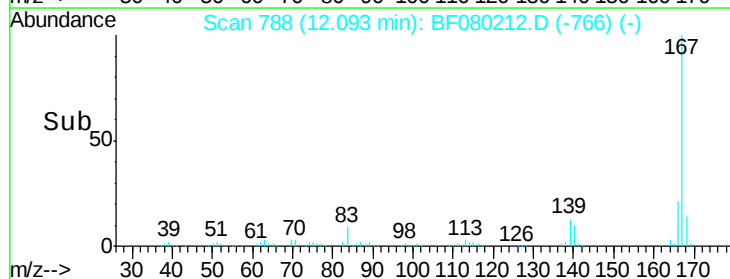
Delta R.T. -0.05 min

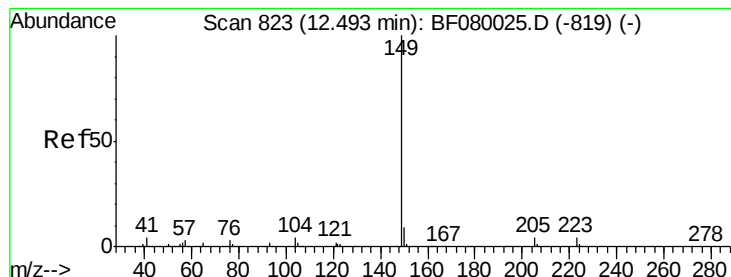
Lab File: BF080212.D

Acq: 29 Jun 2015 18:06



Tgt Ion:	167	Resp:	303466
Ion Ratio	Lower	Upper	
167	100		
166	21.4	15.7	23.5
139	13.3	9.5	14.3





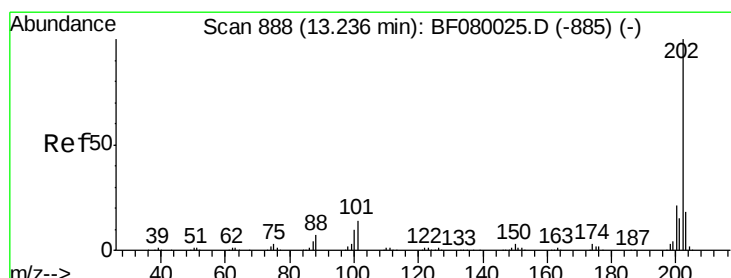
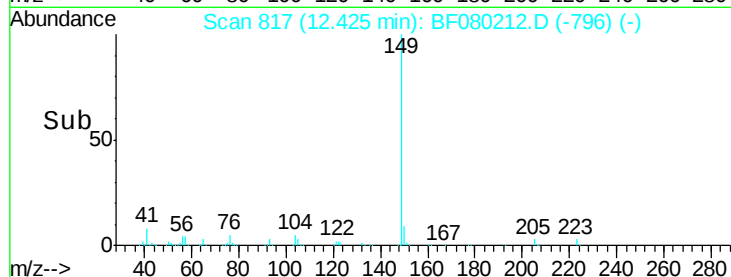
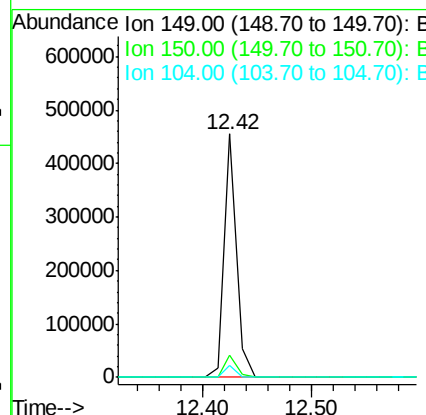
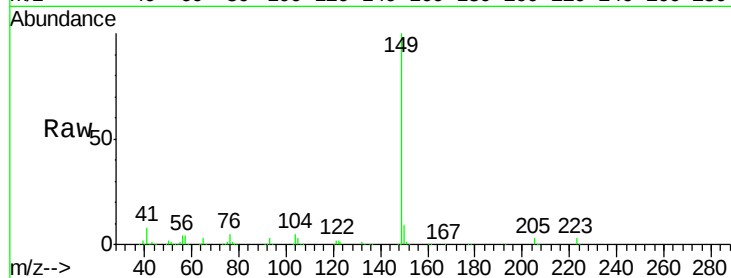
#73
Di-n-butylphthalate
Concen: 47.81 ng
RT: 12.42 min Scan# 817
Delta R.T. -0.06 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	363464		
150	9.3	7.4	11.2	
104	4.7	2.4	3.6	

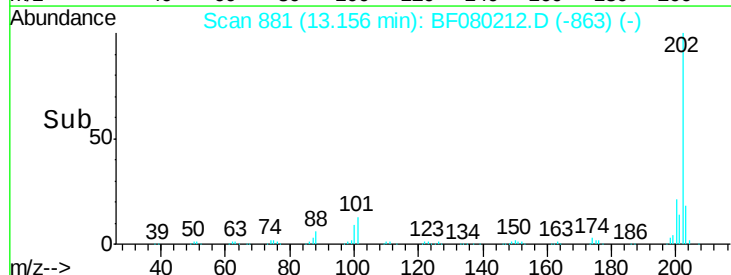
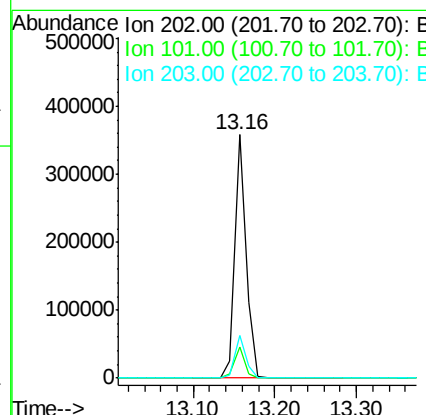
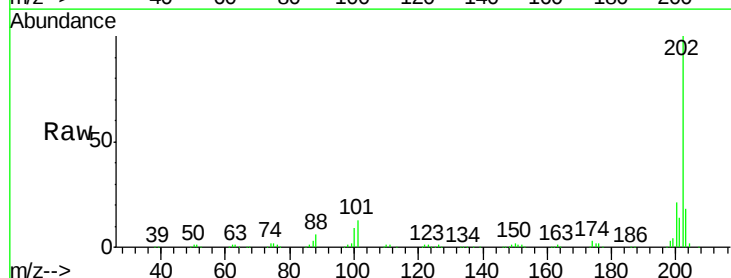
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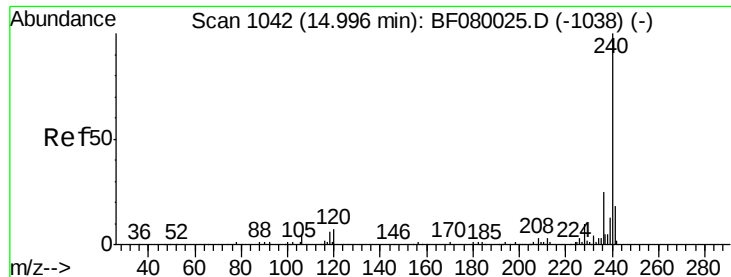
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#74
Fluoranthene
Concen: 45.32 ng
RT: 13.16 min Scan# 881
Delta R.T. -0.09 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	345455		
101	12.8	0.0	38.3	
203	17.6	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

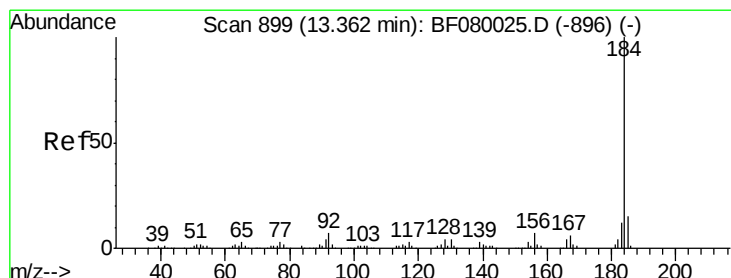
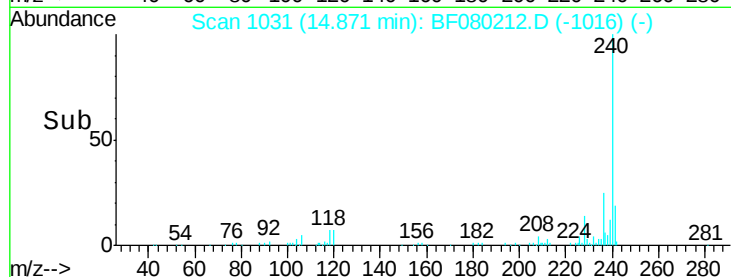
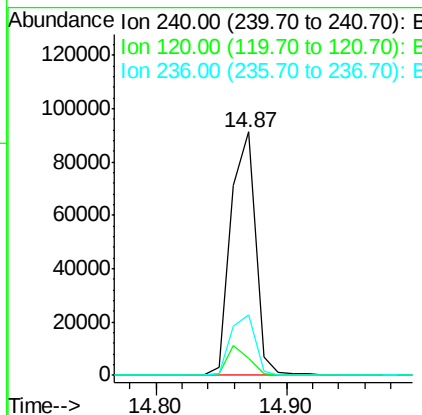
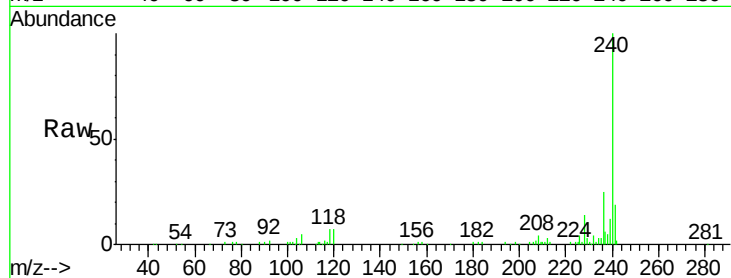
ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:	240	Resp:	119650
Ion Ratio		Lower	Upper
240	100		
120	7.3	16.2	24.2#
236	25.1	18.4	27.6

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#76

Benzidine

Concen: 26.50 ng

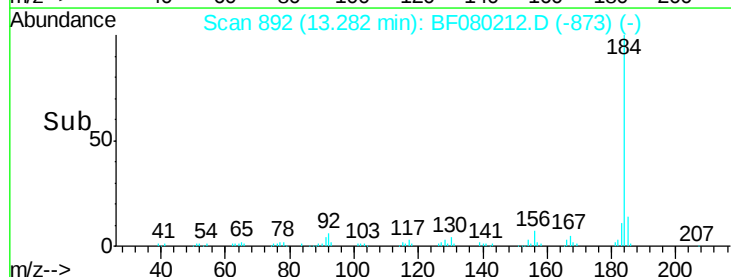
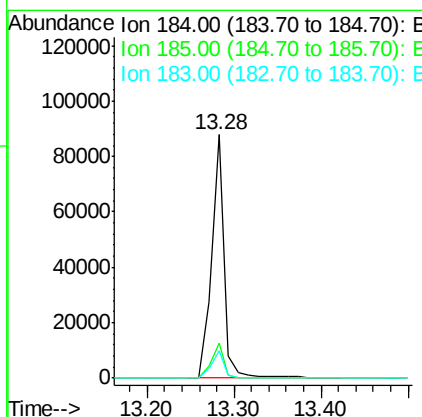
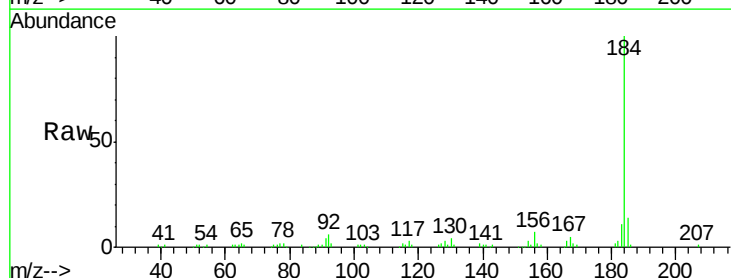
RT: 13.28 min Scan# 892

Delta R.T. -0.08 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:	184	Resp:	88637
Ion Ratio		Lower	Upper
184	100		
185	14.1	11.8	17.6
183	11.1	7.6	11.4





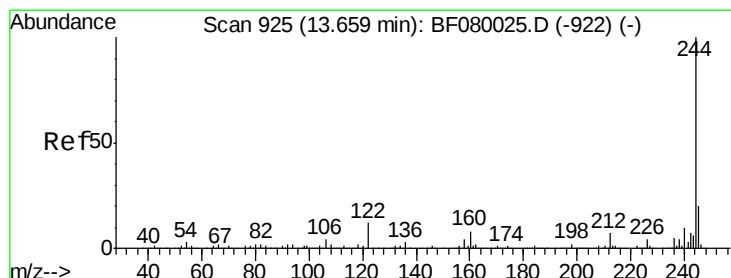
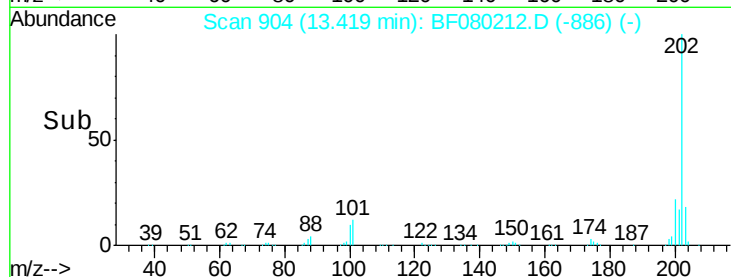
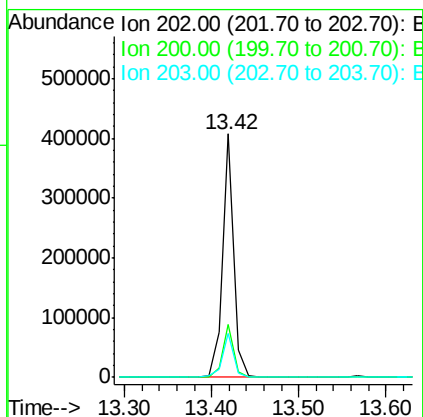
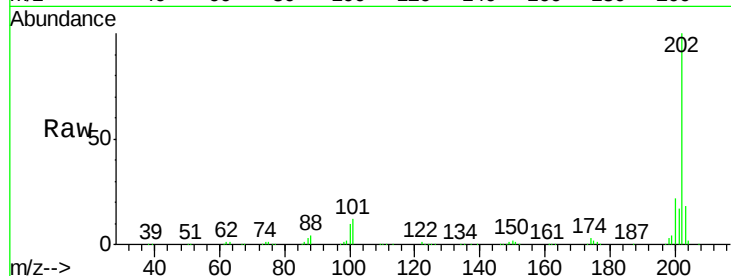
#77
 Pyrene
 Concen: 50.23 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.09 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	15.0	22.4
203	17.8	14.1	21.1

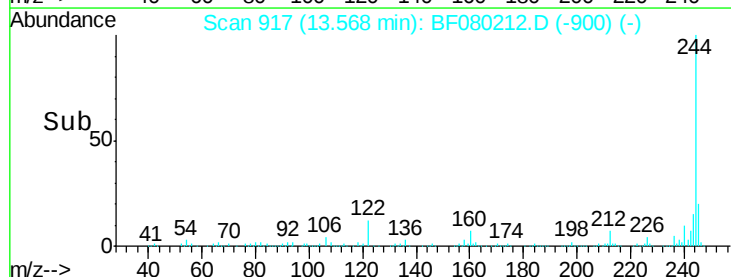
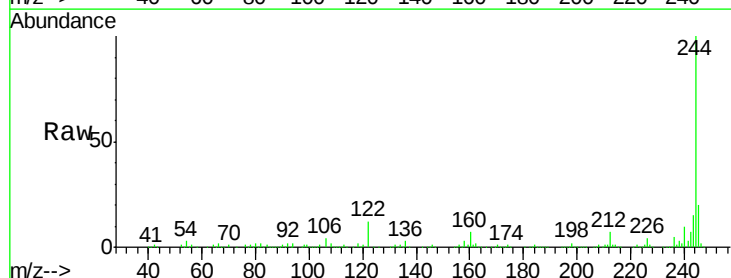
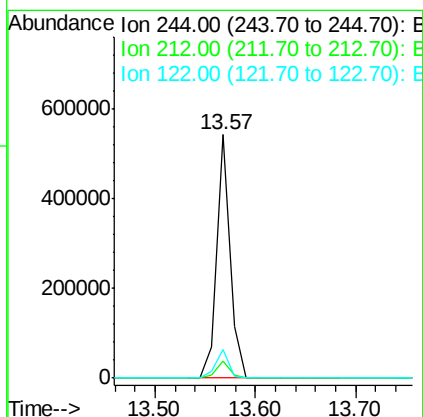
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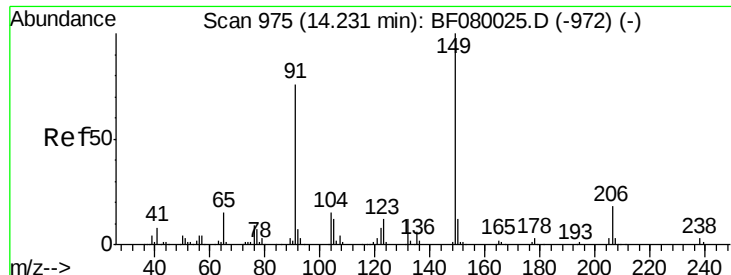
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#78
 Terphenyl-d14
 Concen: 97.93 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	4.3	6.5#
122	11.8	17.4	26.2#





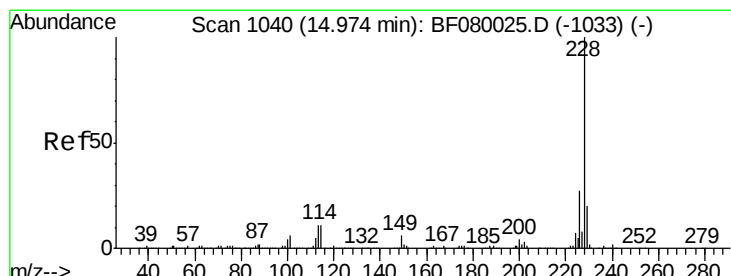
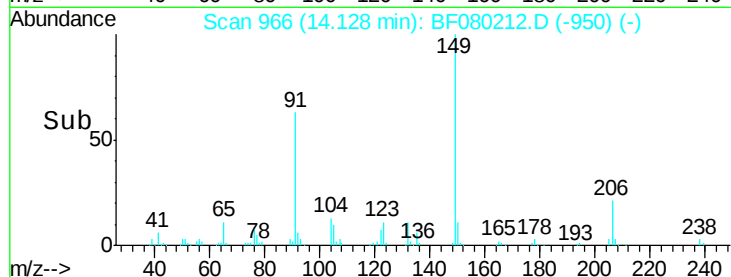
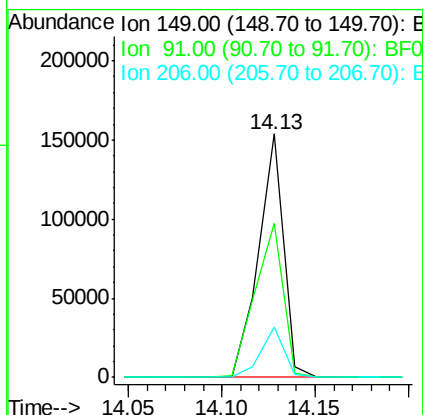
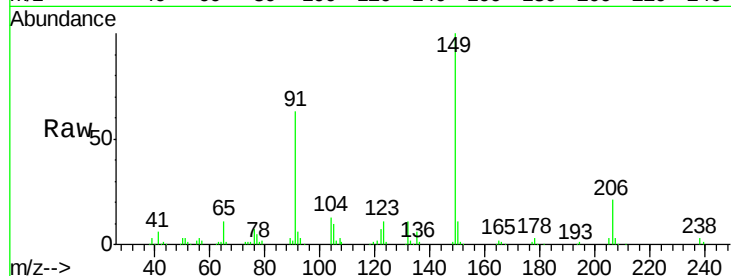
#79
Butylbenzylphthalate
Concen: 49.18 ng
RT: 14.13 min Scan# 966
Delta R.T. -0.11 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.1	48.6	72.8
206	20.7	14.9	22.3

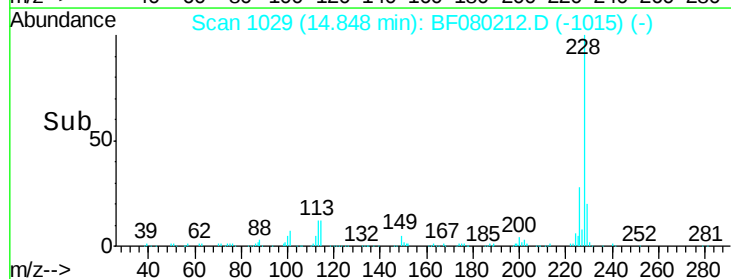
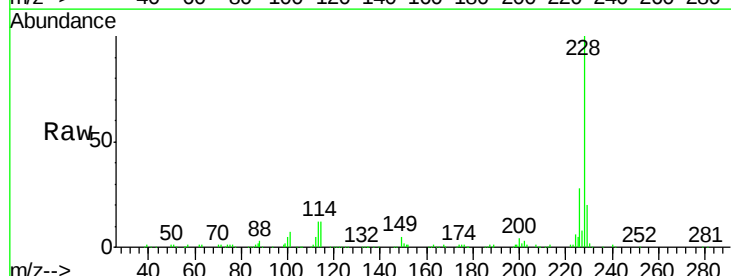
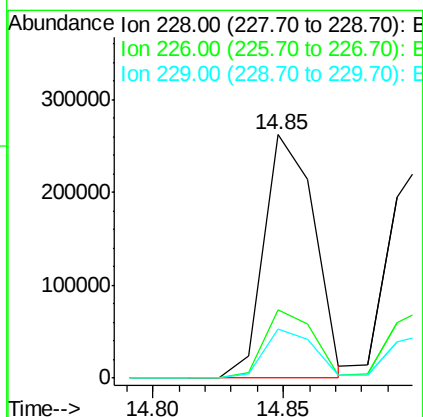
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#80
Benzo(a)anthracene
Concen: 48.20 ng
RT: 14.85 min Scan# 1029
Delta R.T. -0.14 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	20.0	30.0
229	20.0	15.4	23.2





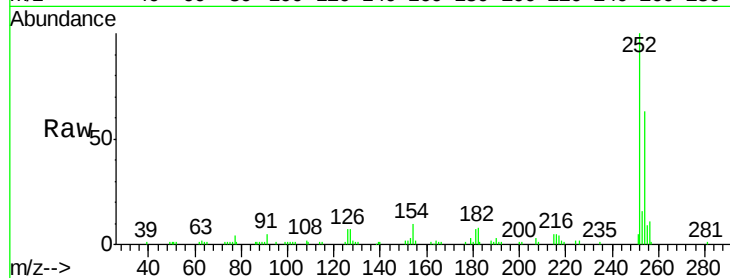
#81
 3,3'-Dichlorobenzidine
 Concen: 30.13 ng
 RT: 14.80 min Scan# 1025
 Delta R.T. -0.13 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

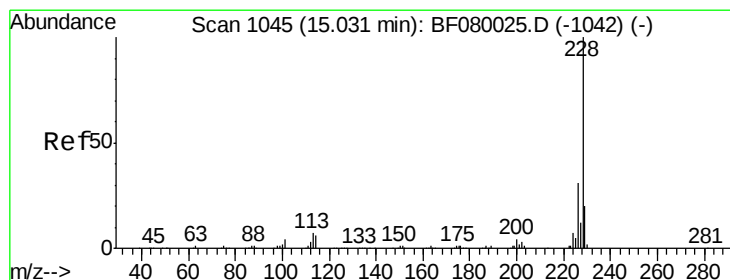
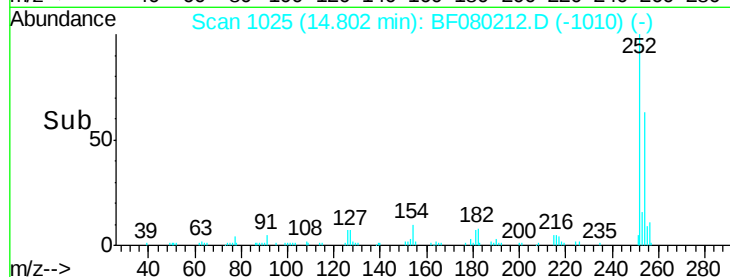
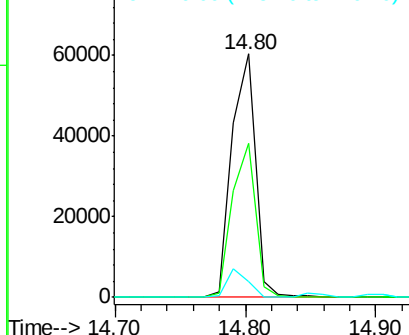
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.2
126	6.6	16.4	24.6

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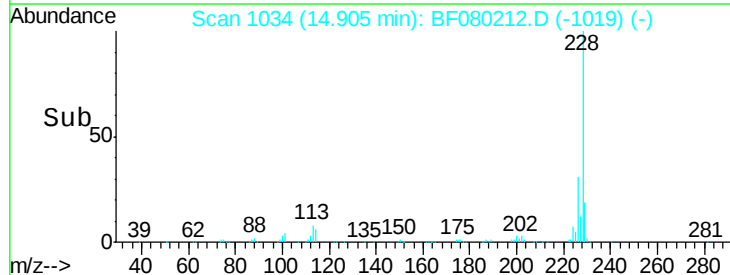
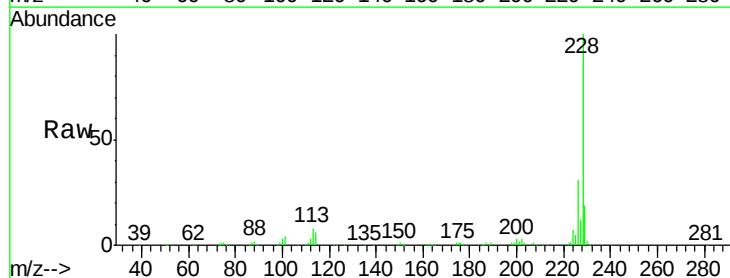
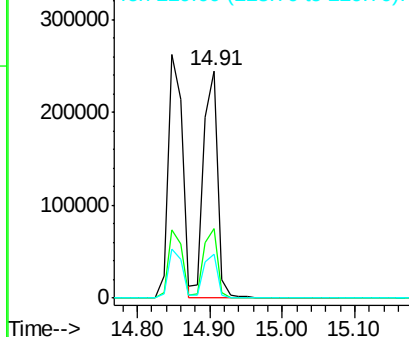
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

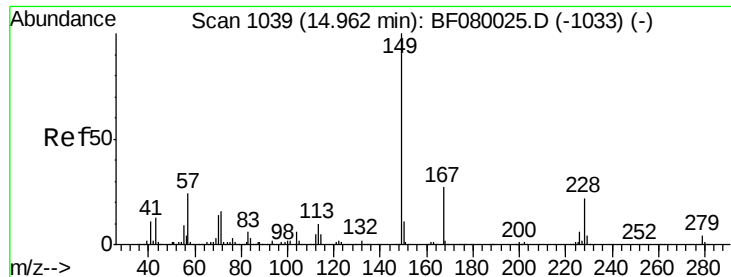


#82
 Chrysene
 Concen: 49.35 ng
 RT: 14.91 min Scan# 1034
 Delta R.T. -0.13 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	19.2	15.6	23.4

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





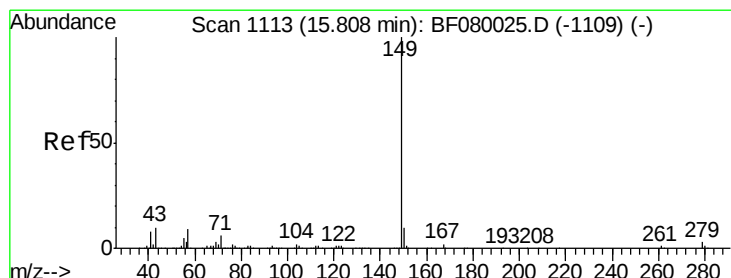
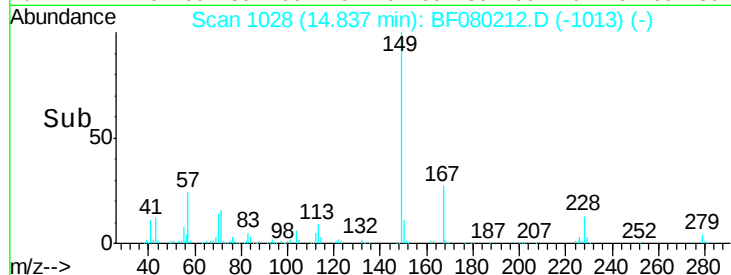
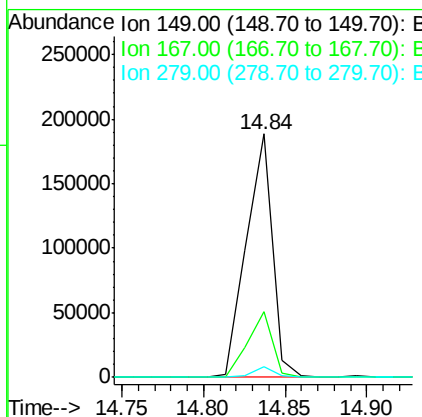
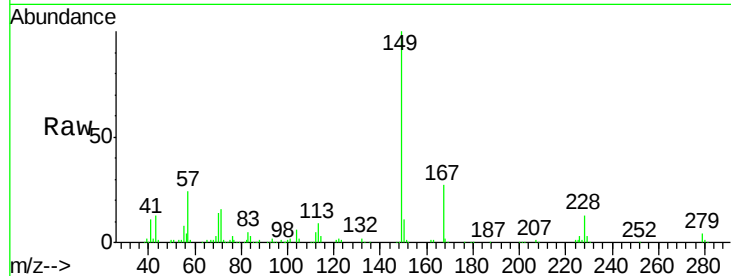
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.59 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.13 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	208489		
167	27.2		24.2	36.2
279	4.1		3.8	5.6

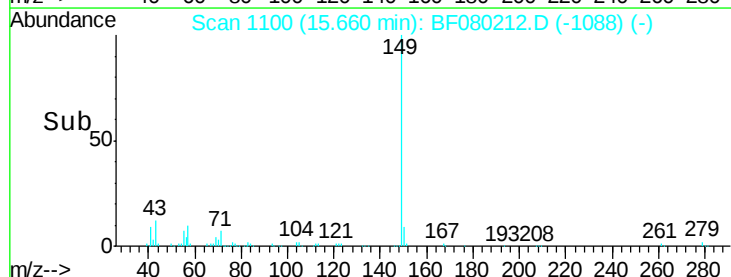
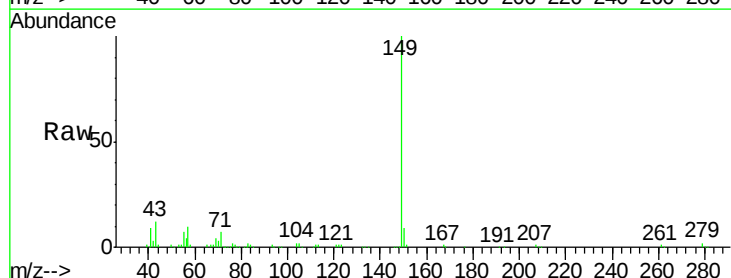
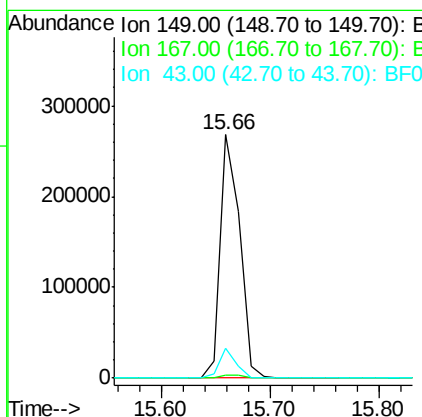
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#84
 Di-n-octyl phthalate
 Concen: 41.87 ng
 RT: 15.66 min Scan# 1100
 Delta R.T. -0.16 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	335451		
167	1.4		1.0	1.6
43	10.9		10.2	15.2





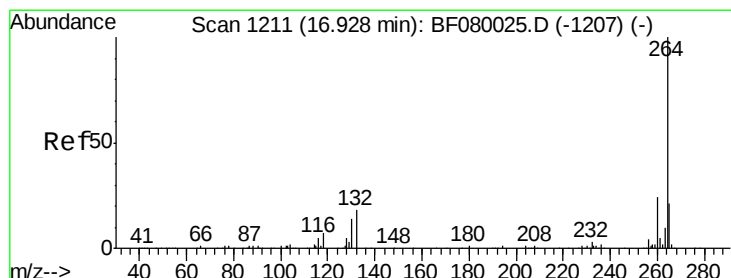
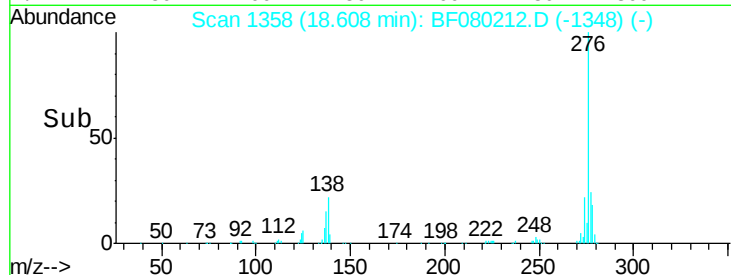
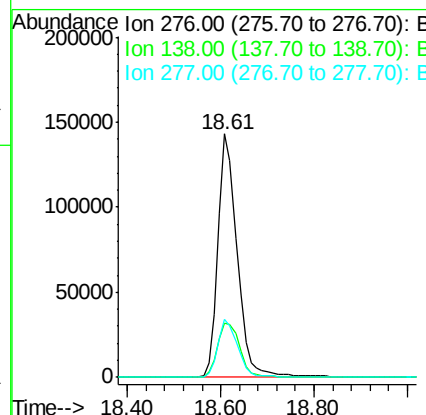
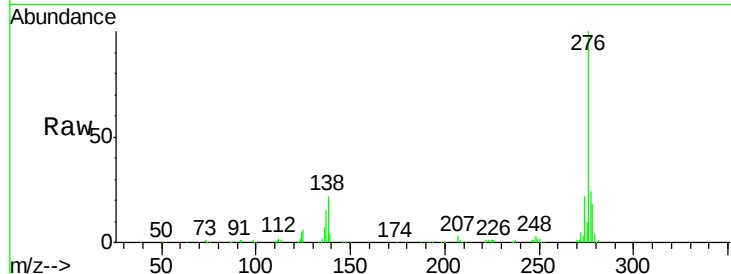
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.58 ng
RT: 18.61 min Scan# 1358
Delta R.T. -0.18 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.7	38.5#
277	24.5	15.6	23.4#

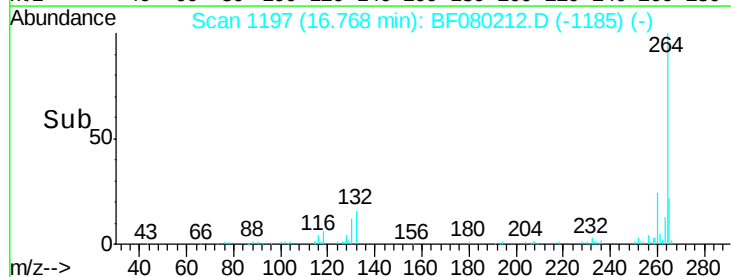
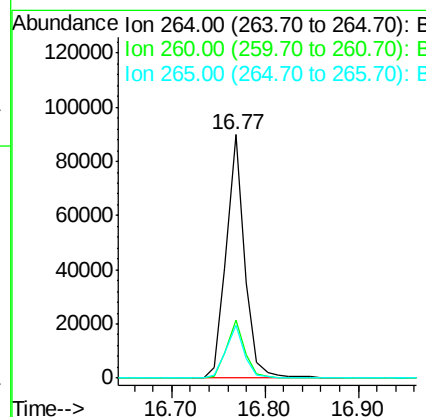
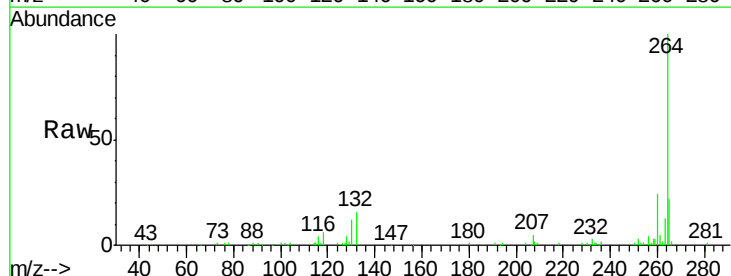
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1197
Delta R.T. -0.16 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 53.06 ng

RT: 16.23 min Scan# 1150

Delta R.T. -0.16 min

Lab File: BF080212.D

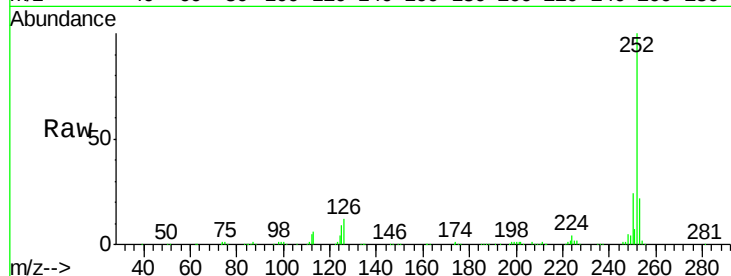
Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

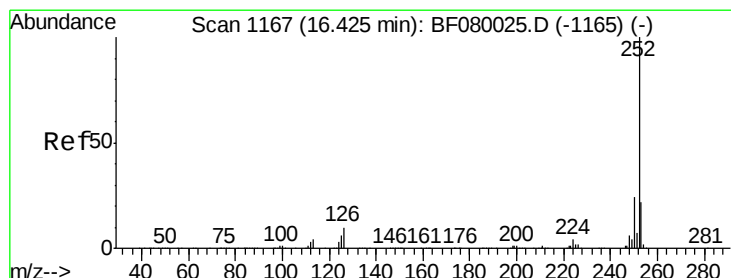
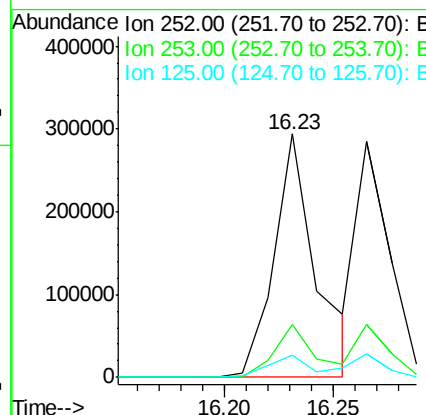
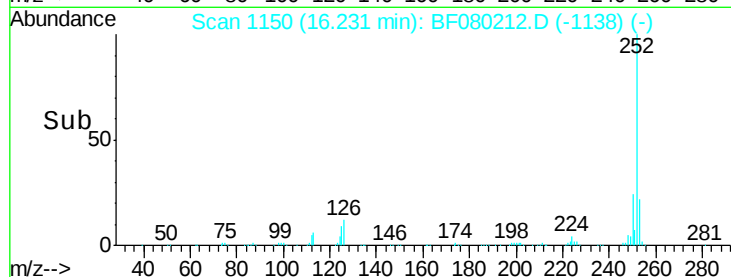
SOIL-STOCKPILE-TMS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.0	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 41.43 ng

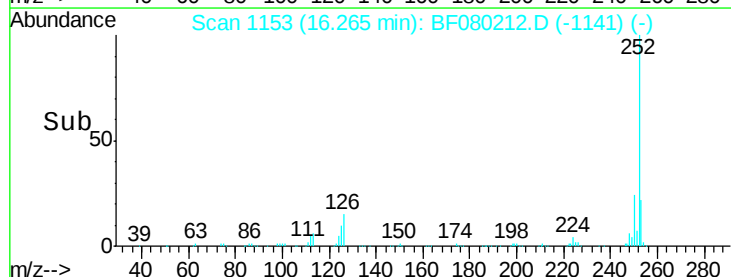
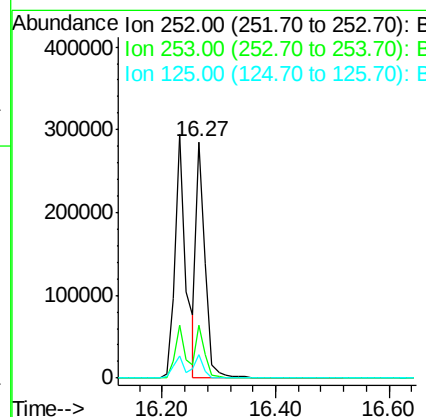
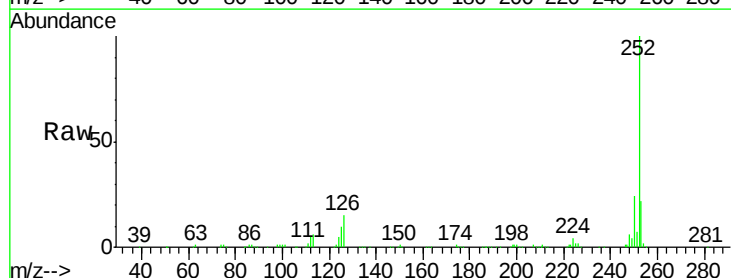
RT: 16.27 min Scan# 1153

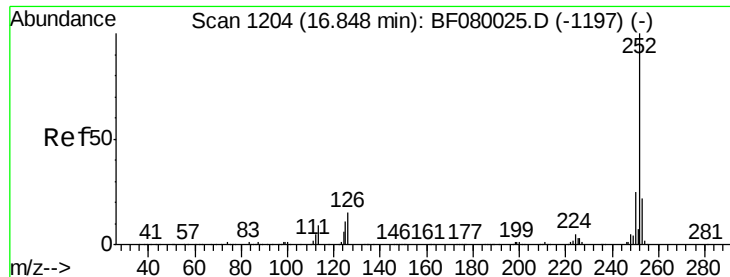
Delta R.T. -0.16 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.1	16.0	24.0#





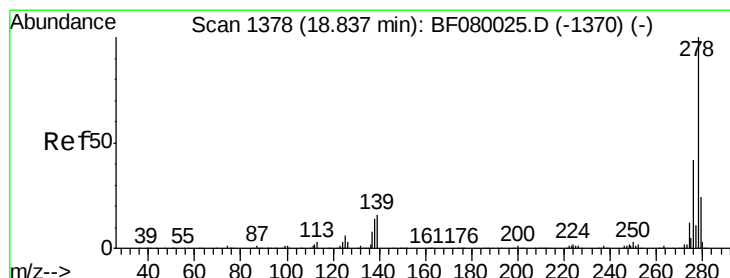
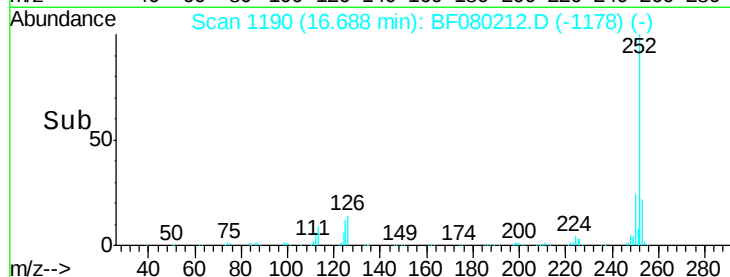
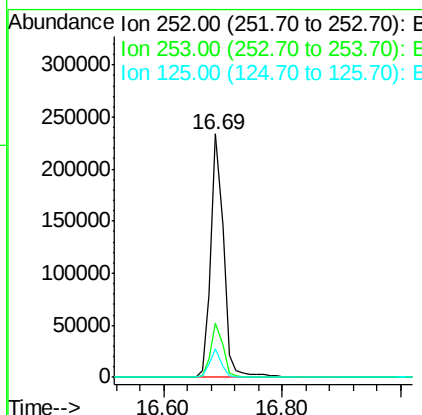
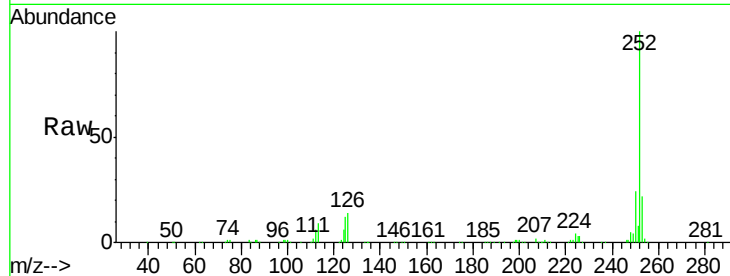
#89
Benzo(a)pyrene
Concen: 49.47 ng
RT: 16.69 min Scan# 1190
Delta R.T. -0.16 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.8	18.0	27.0

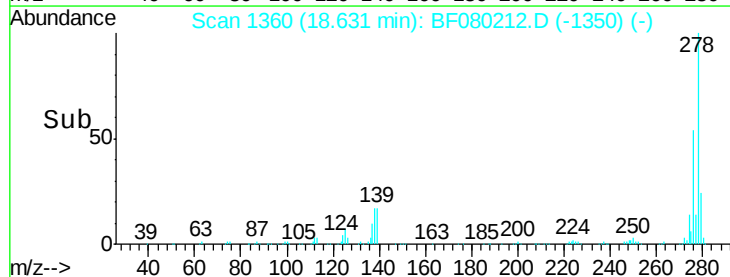
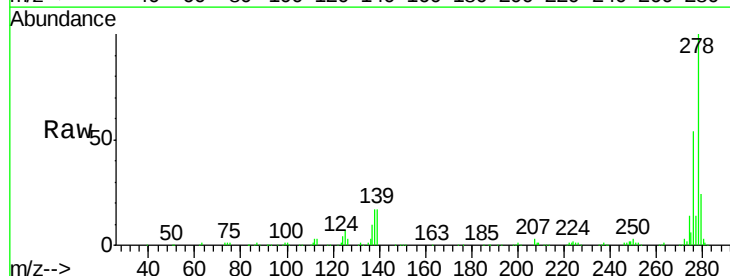
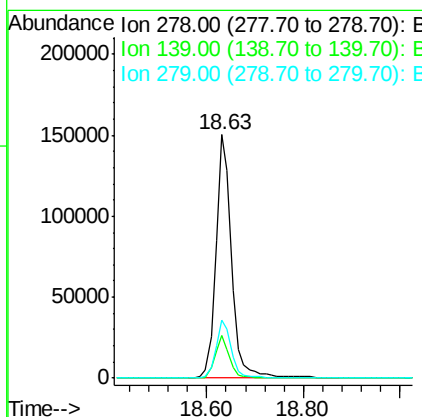
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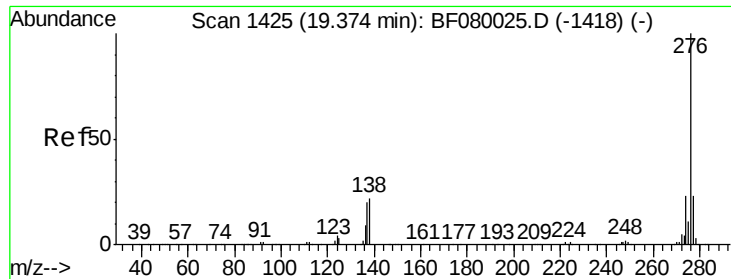
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#90
Dibenzo(a,h)anthracene
Concen: 47.42 ng
RT: 18.63 min Scan# 1360
Delta R.T. -0.18 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5
279	23.8	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 47.65 ng
 RT: 19.17 min Scan# 1407
 Delta R.T. -0.18 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	17.8	26.6
138	20.6	34.6	51.8#

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