

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086830.D
 Acq On : 9 May 2016 18:48
 Operator : UM/SJ
 Sample : H2817-15DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
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Quant Time: May 10 11:34:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149164	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	633958	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	323401	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	659455	20.00	ng	0.00
75) Chrysene-d12	13.84	240	526891	20.00	ng	0.00
86) Perylene-d12	15.21	264	433131	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	196590	22.32	ng	0.00
7) Phenol-d6	6.35	99	290166	24.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	177794	14.08	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	82833	24.19	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	370249	19.24	ng	0.00
78) Terphenyl-d14	12.79	244	384607	15.49	ng	-0.01

Target Compounds						Qvalue
8) 2-Chlorophenol	6.48	128	217203	20.44	ng	87
10) Phenol	6.36	94	410518	29.34	ng	92
11) bis(2-Chloroethyl)ether	6.43	93	253322	23.22	ng	88
12) 1,3-Dichlorobenzene	6.62	146	445285m	38.72	ng	
13) 1,4-Dichlorobenzene	6.70	146	492430m	41.98	ng	
14) 1,2-Dichlorobenzene	6.86	146	536752	52.50	ng	96
18) Hexachloroethane	7.20	117	184218	41.74	ng	96
25) Isophorone	7.52	82	790829	33.76	ng	97
29) 2,4-Dichlorophenol	7.85	162	142284	16.62	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	280478	29.31	ng	95
31) Naphthalene	8.00	128	464184	14.62	ng	99
34) Hexachlorobutadiene	8.12	225	80940	14.58	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	367877	35.44	ng	# 86
37) 2-Methylnaphthalene	8.69	142	878530	47.33	ng	99
42) 2,4,6-Trichlorophenol	8.98	196	178200	28.34	ng	93
43) 2,4,5-Trichlorophenol	9.02	196	80787	12.42	ng	94
46) 2-Chloronaphthalene	9.17	162	434353	21.55	ng	94
51) Acenaphthene	9.76	154	373781	20.27	ng	98
55) 4-Nitrophenol	9.88	139	112529	33.67	ng	# 73
59) Diethylphthalate	10.16	149	498881	20.75	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	375714	42.10	ng	87
66) 4-Bromophenyl-phenylether	10.75	248	115011	17.20	ng	# 88
69) Pentachlorophenol	11.02	266	87673	24.28	ng	95
71) Anthracene	11.28	178	650027	18.06	ng	99
73) Di-n-butylphthalate	11.78	149	1200711	31.78	ng	99
77) Pyrene	12.64	202	985337	24.43	ng	99
79) Butylbenzylphthalate	13.27	149	309689	18.15	ng	# 84
82) Chrysene	13.86	228	822272	27.33	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	492430	23.99	ng	98
84) Di-n-octyl phthalate	14.43	149	822129	24.18	ng	# 83
87) Benzo(b)fluoranthene	14.84	252	486713m	17.29	ng	
88) Benzo(k)fluoranthene	14.85	252	581349m	25.22	ng	
91) Benzo(a,h,i)perylene	16.88	276	234780	11.29	ng	# 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

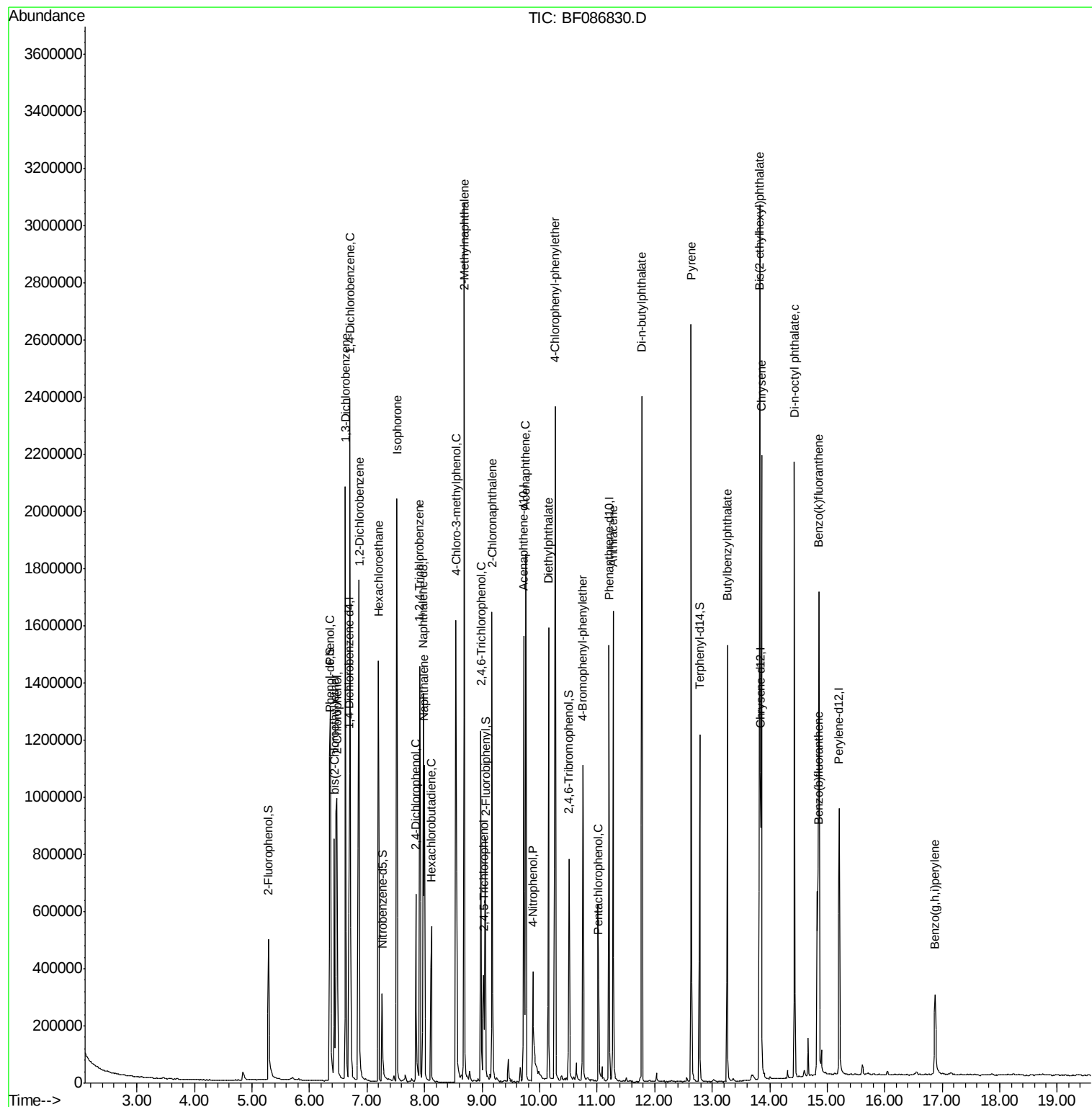
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
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Acq On : 9 May 2016 18:48
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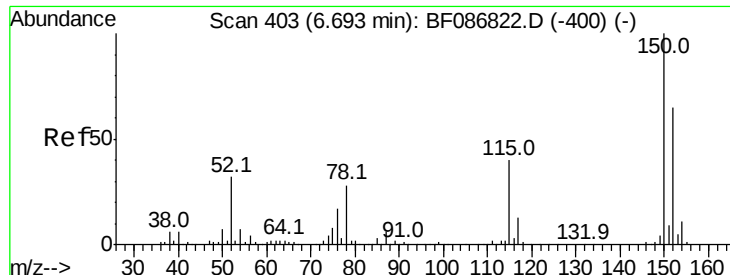
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

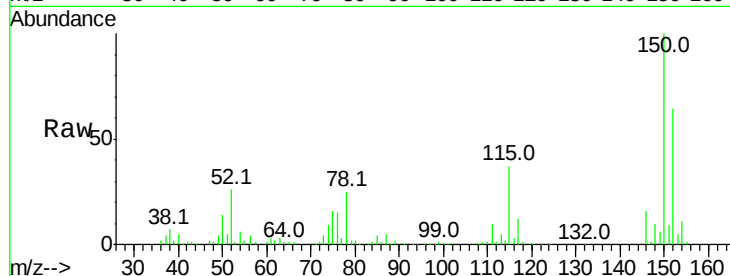
ClientSampleId :

PT-BNA-SOILDL

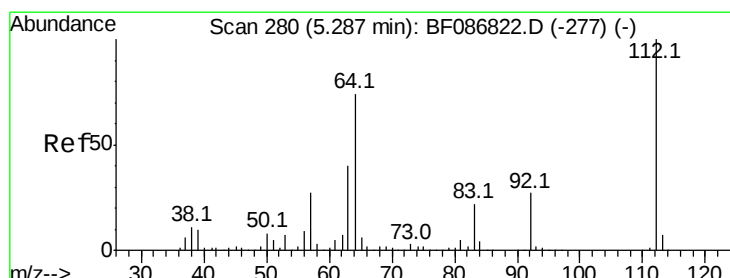
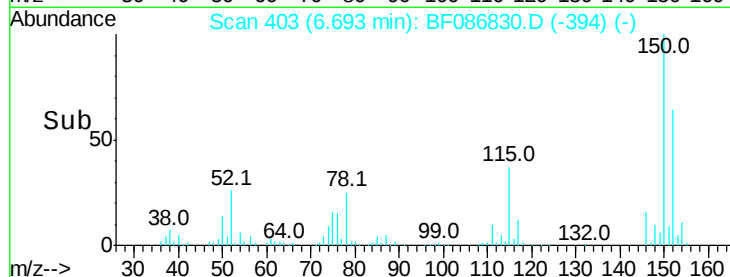
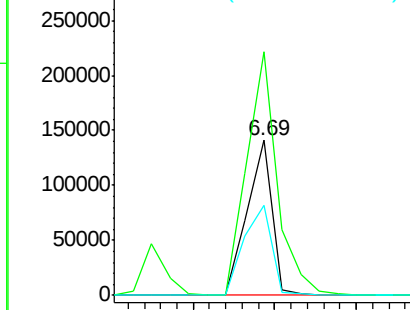
Tot Ion:	152	Resp:	149164
Ion Ratio	Lower	Upper	
152	100		
150	156.8	125.8	188.6
115	58.0	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 22.32 ng

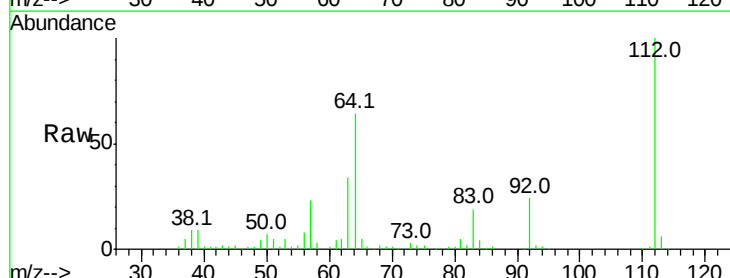
RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

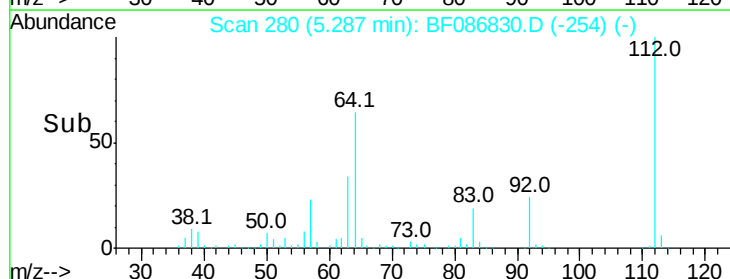
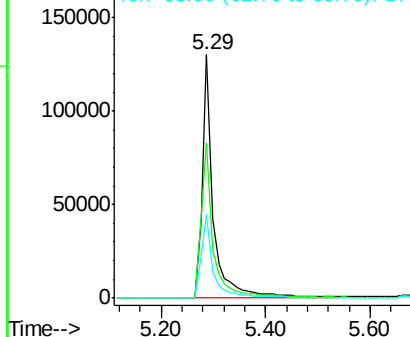
Lab File: BF086830.D

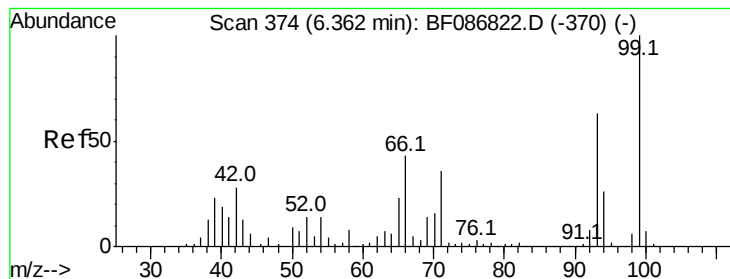
Acq: 9 May 2016 18:48

Tgt Ion:	112	Resp:	196590
Ion Ratio	Lower	Upper	
112	100		
64	63.5	52.1	78.1
63	34.1	25.7	38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.65 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleID :

PT-BNA-SOILDL

Tot Ion: 99 Resp: 290166

Ion Ratio Lower Upper

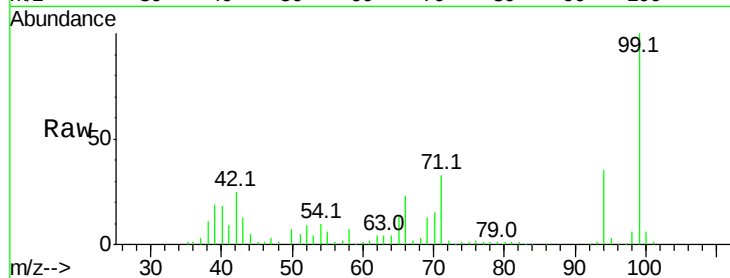
99 100

42 25.1 13.6 20.4#

71 32.5 24.6 36.8

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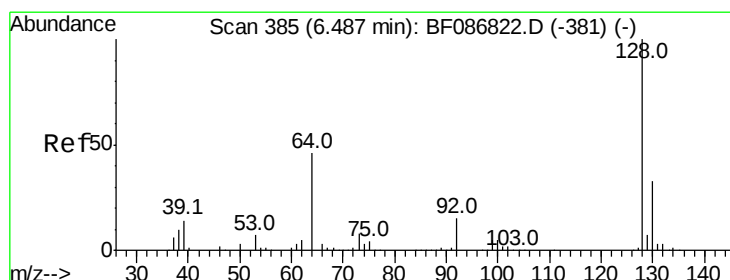
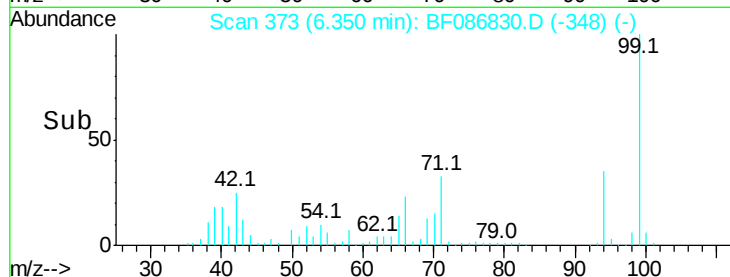
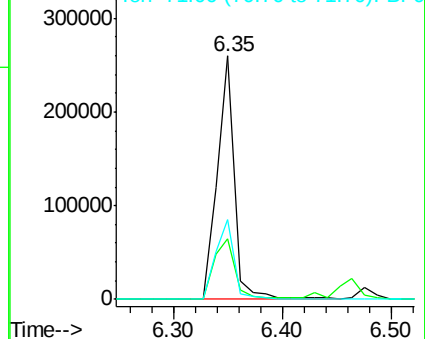
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 20.44 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

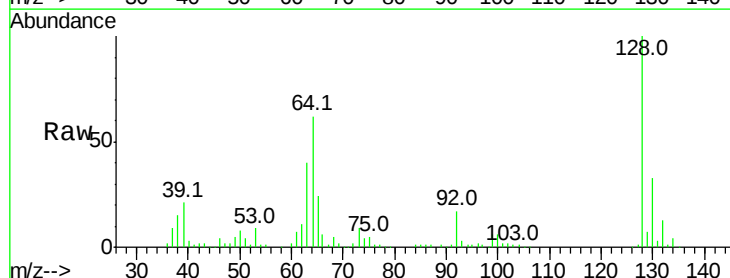
Tgt Ion:128 Resp: 217203

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

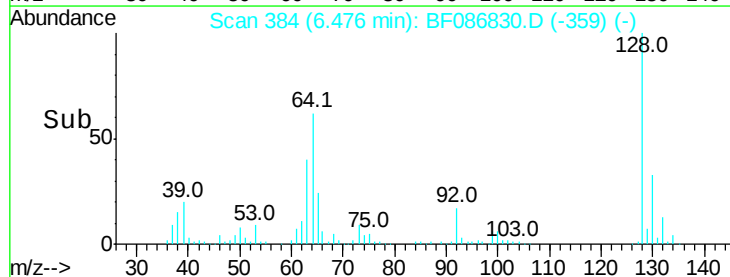
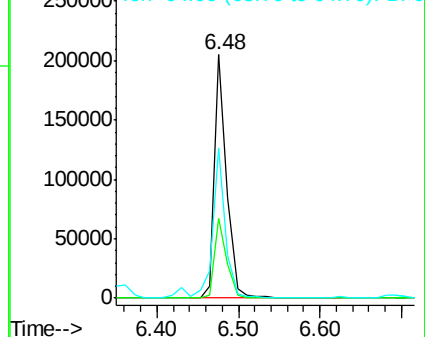
64 61.5 27.3 67.3

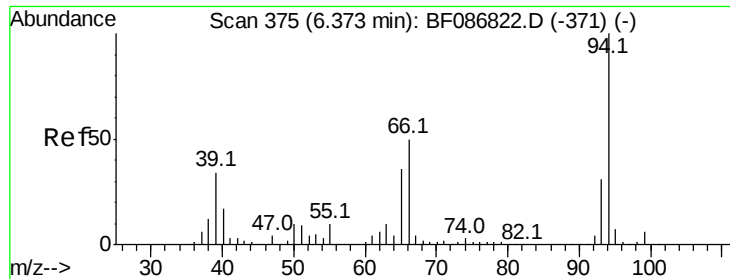


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 29.34 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleID :

PT-BNA-SOILD

Tot Ion: 94 Resp: 410518

Ion Ratio Lower Upper

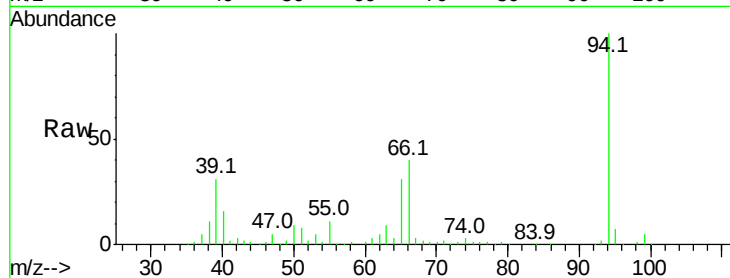
94 100

65 30.8 7.2 47.2

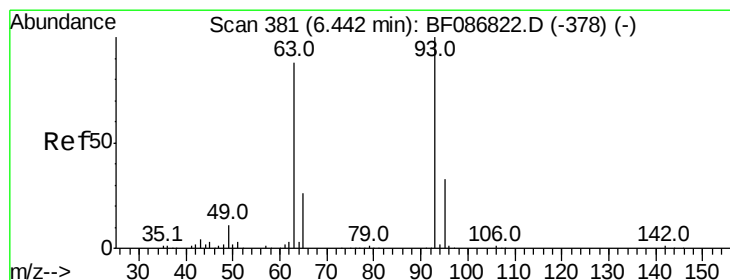
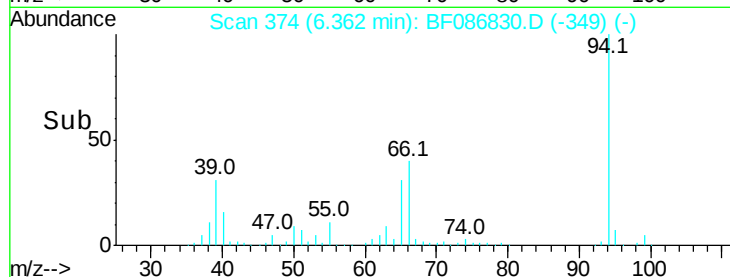
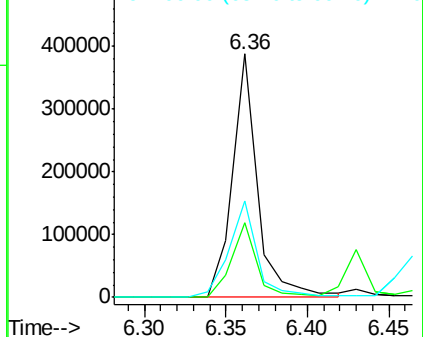
66 39.7 14.9 54.9

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Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 23.22 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

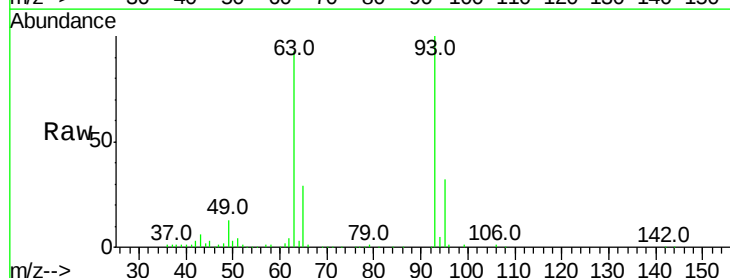
Tgt Ion: 93 Resp: 253322

Ion Ratio Lower Upper

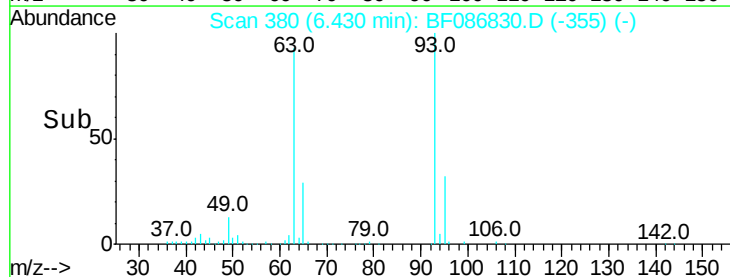
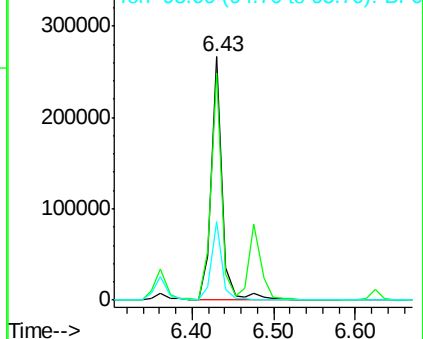
93 100

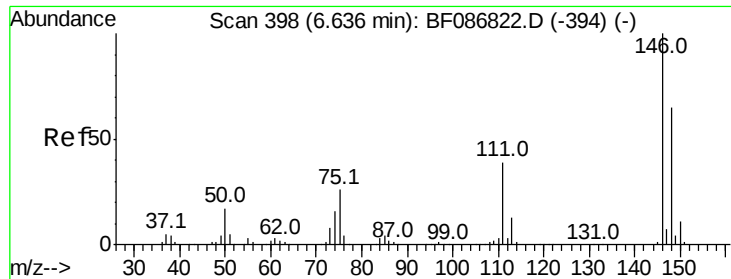
63 93.0 58.0 98.0

95 32.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 38.72 ng m

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

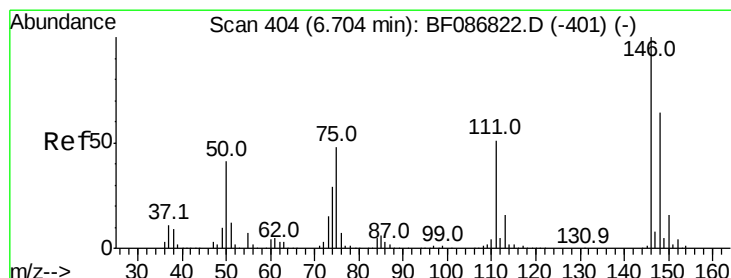
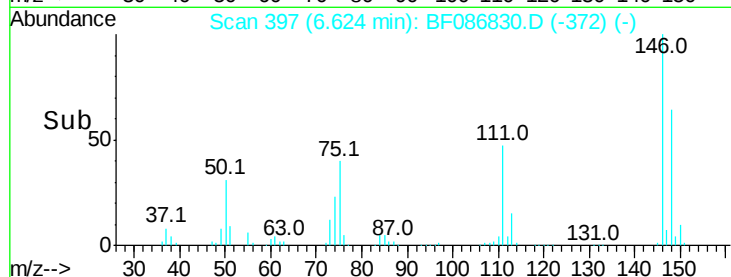
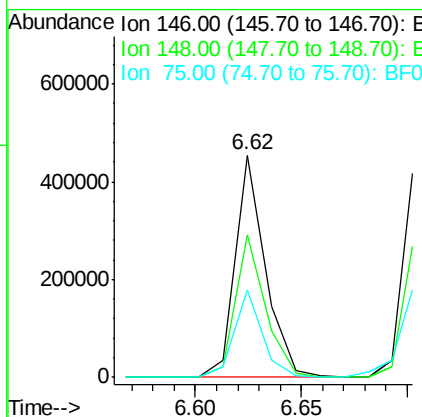
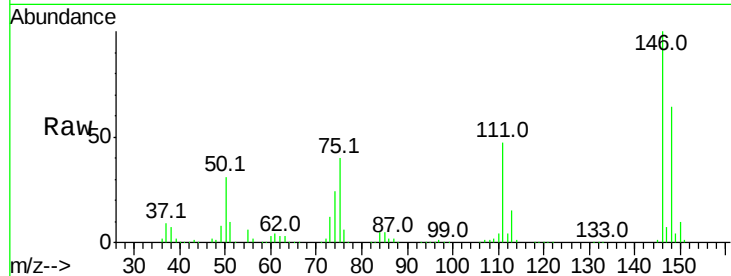
ClientSampleId :

PT-BNA-SOILD

Tot Ion:	146	Resp:	445285
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.4	78.6
75	39.5	22.8	34.2#

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#13

1,4-Dichlorobenzene

Concen: 41.98 ng m

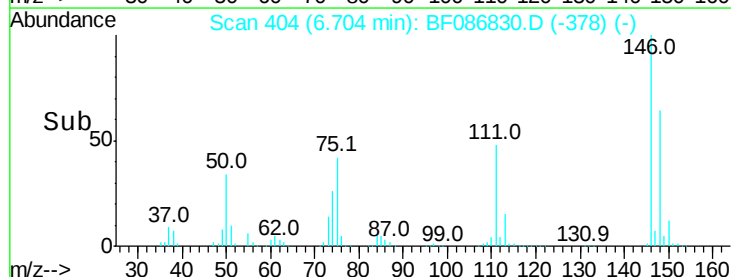
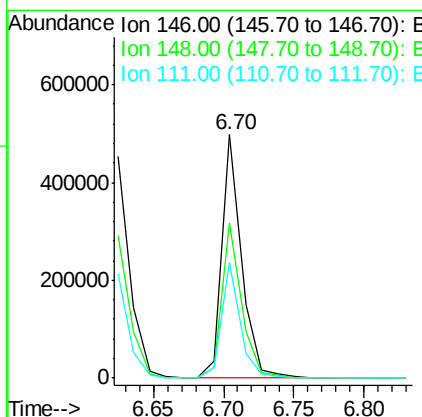
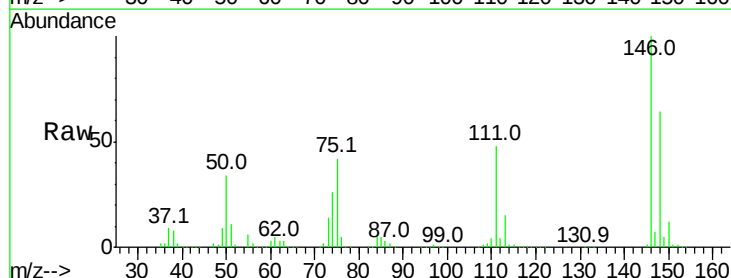
RT: 6.70 min Scan# 404

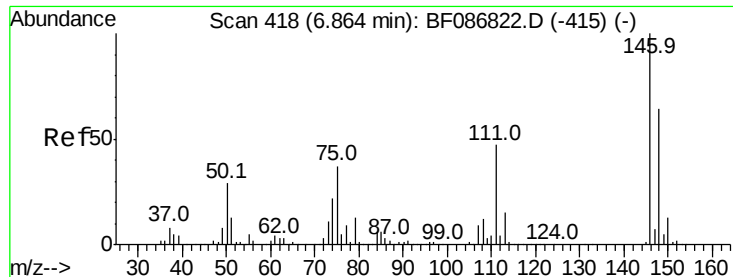
Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion:	146	Resp:	492430
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
111	47.6	30.7	46.1#





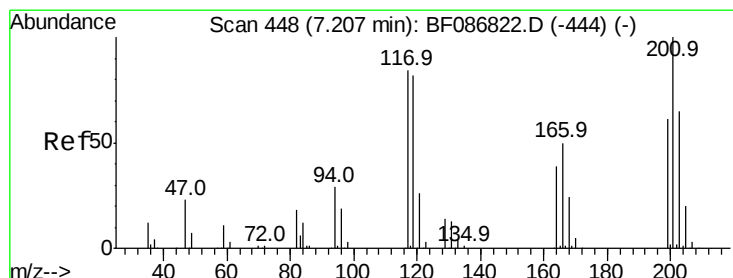
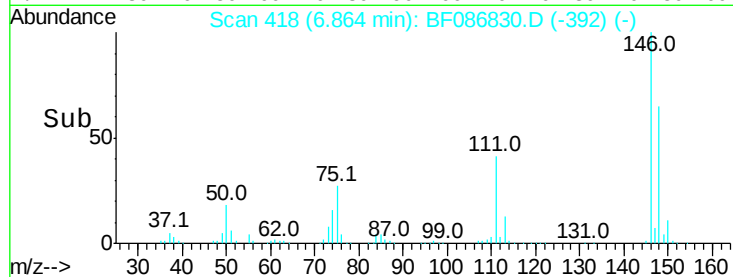
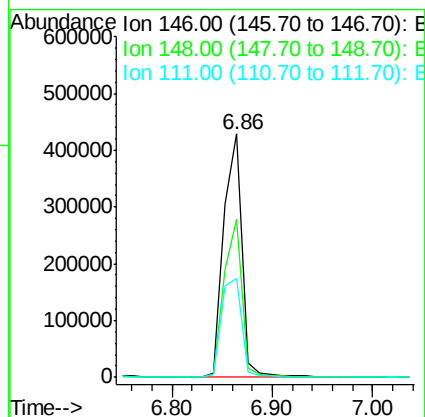
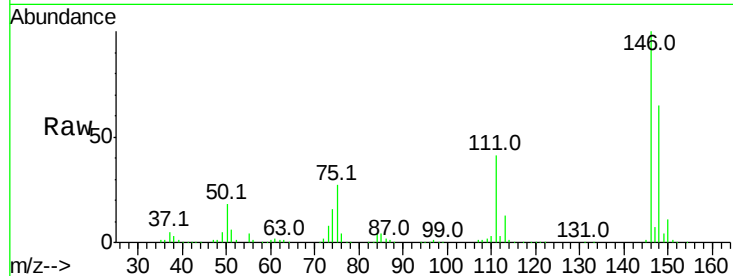
#14
 1,2-Dichlorobenzene
 Concen: 52.50 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
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 PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	536752		
148	65.0		51.0	76.6
111	40.9		36.2	54.4

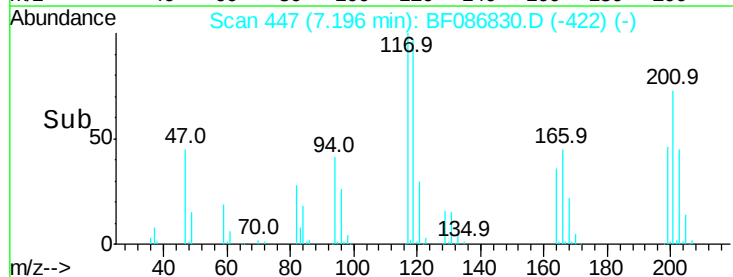
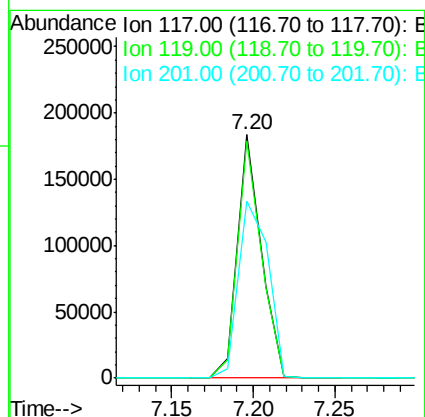
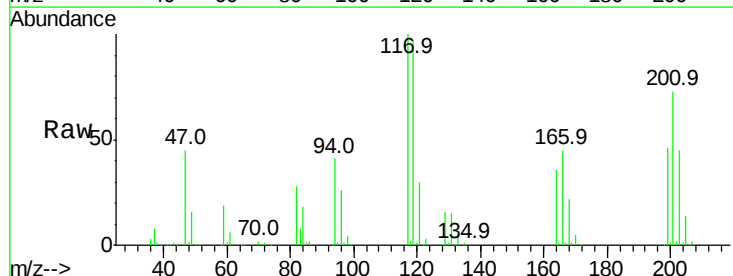
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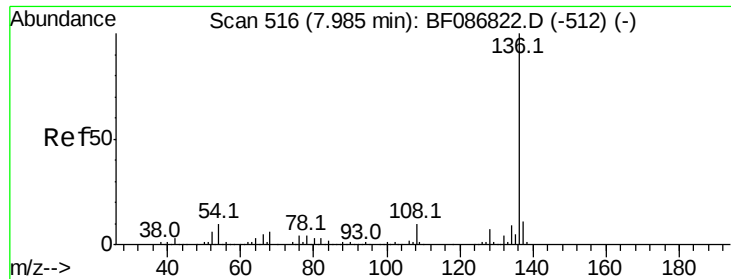
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#18
 Hexachloroethane
 Concen: 41.74 ng
 RT: 7.20 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	184218		
119	97.3		76.5	114.7
201	72.9		63.0	94.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086830.D

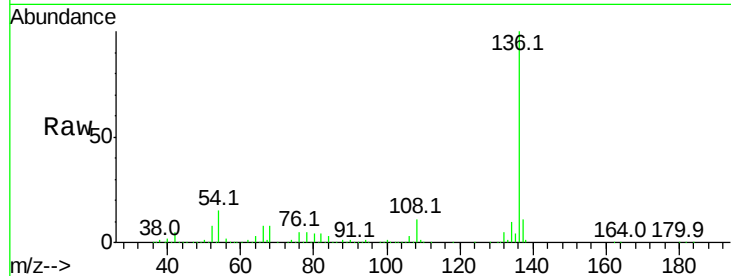
Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD



Tot Ion:136 Resp: 633958

Ion Ratio Lower Upper

136 100

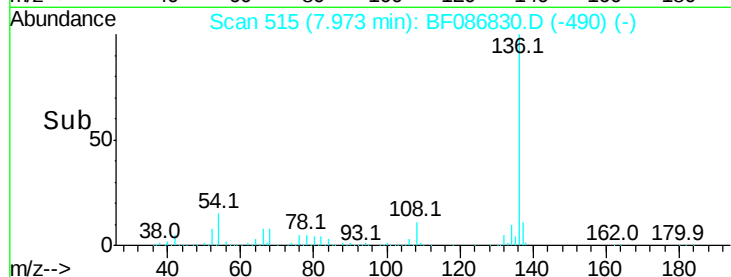
137 11.1 8.8 13.2

54 14.6 5.0 7.4#

68 7.9 4.4 6.6#

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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

7.90 8.00 8.10 8.20

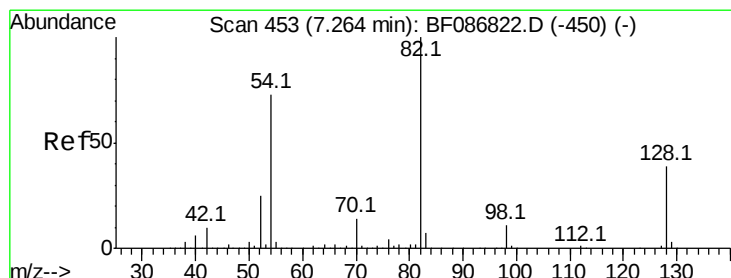
7.97

600000

400000

200000

0



#23

Nitrobenzene-d5

Concen: 14.08 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

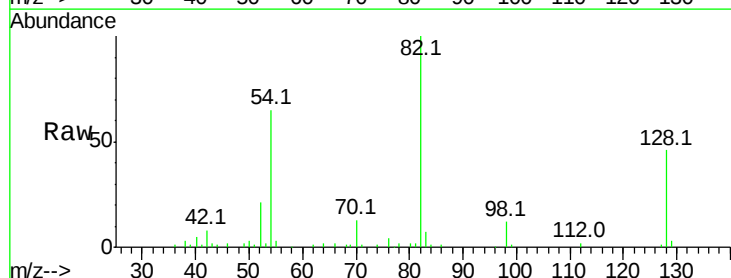
Tgt Ion: 82 Resp: 177794

Ion Ratio Lower Upper

82 100

128 46.5 40.6 61.0

54 64.7 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

7.20 7.30 7.40 7.50

7.26

1000000

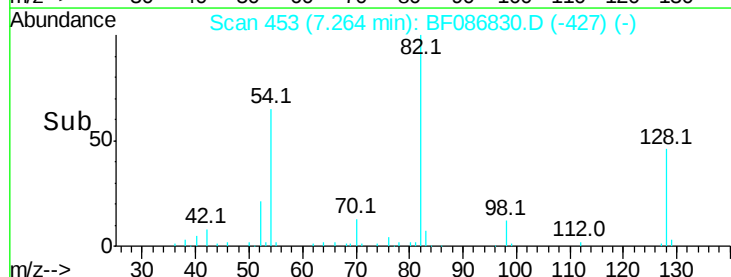
800000

600000

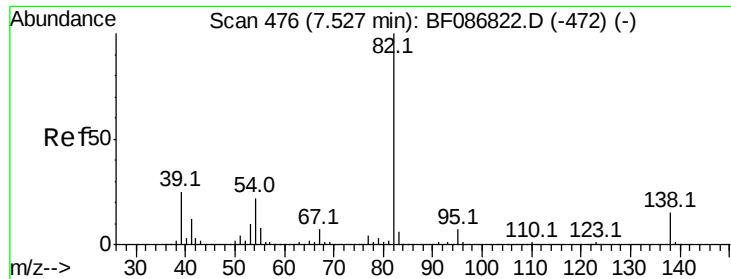
400000

200000

0



Time-->



#25

Isophorone

Concen: 33.76 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

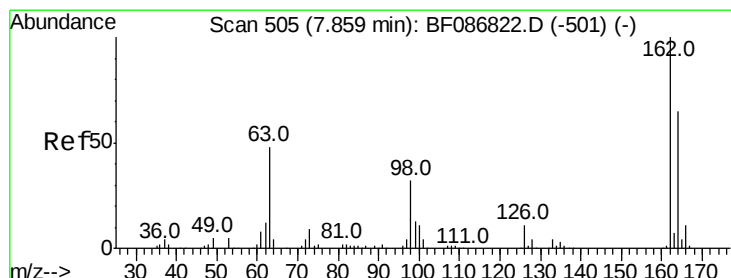
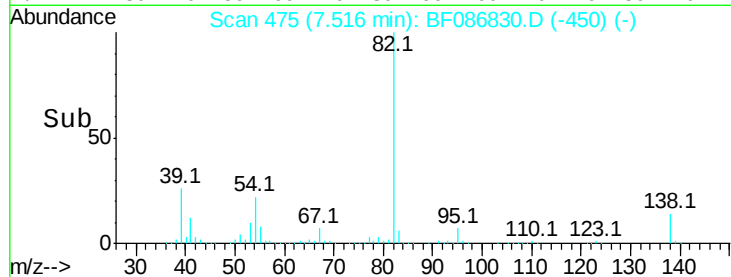
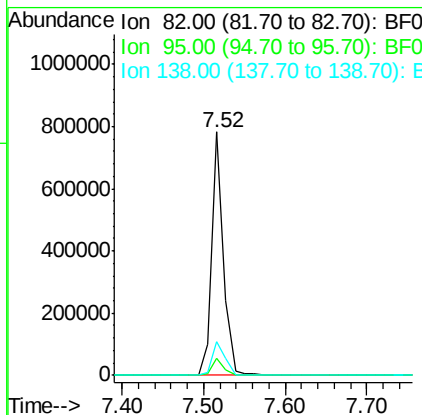
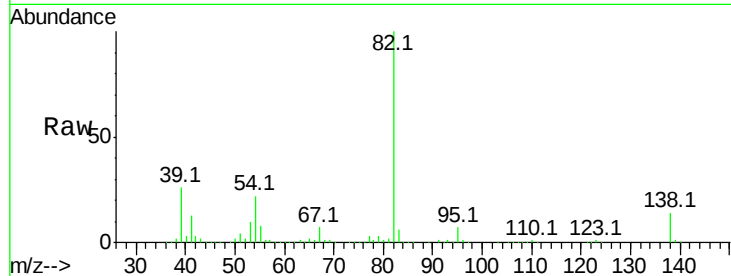
ClientSampled :

PT-BNA-SOILD

Tot Ion:	82	Resp:	790829
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	14.0	12.4	18.6

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#29

2,4-Dichlorophenol

Concen: 16.62 ng

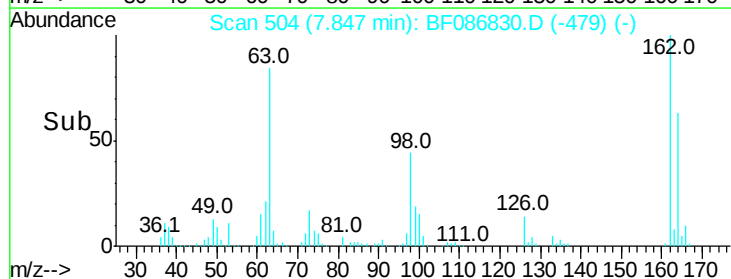
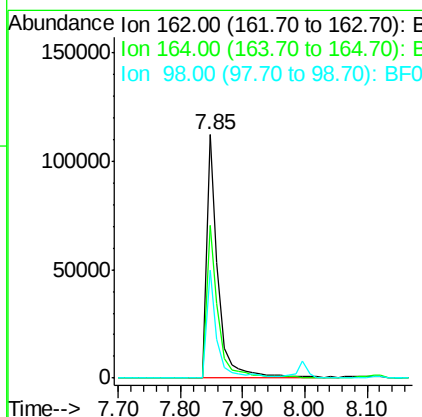
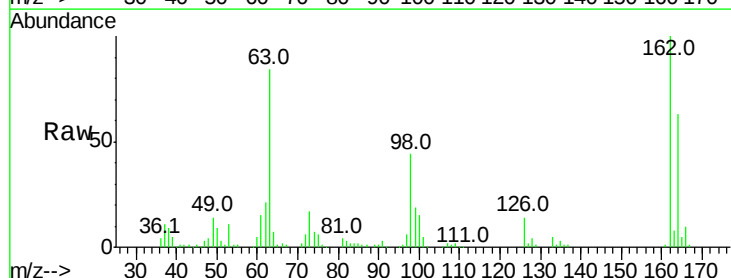
RT: 7.85 min Scan# 504

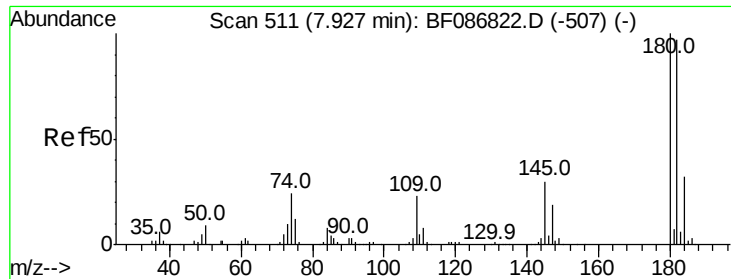
Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion:	162	Resp:	142284
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.2	82.2
98	44.3	19.0	59.0





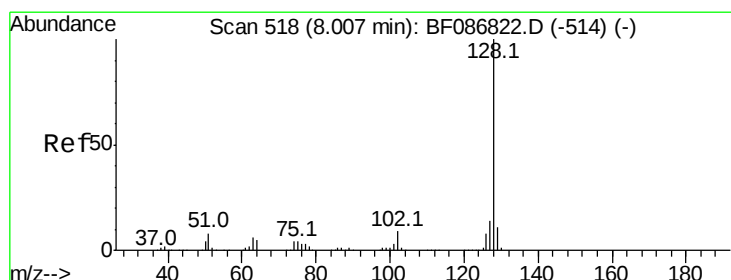
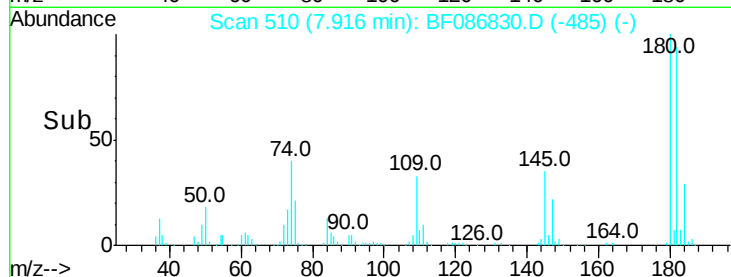
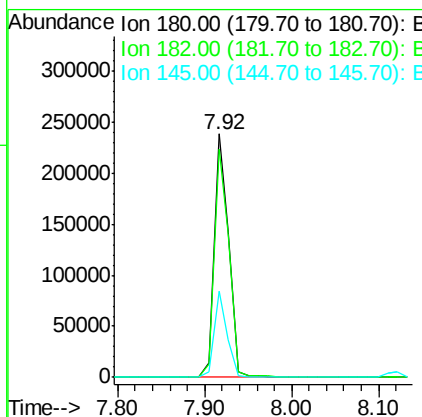
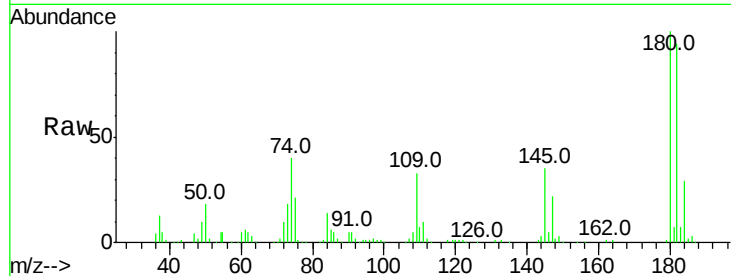
#30
 1,2,4-Trichlorobenzene
 Concen: 29.31 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280478		
182	93.7		78.0	117.0
145	35.2		24.2	36.2

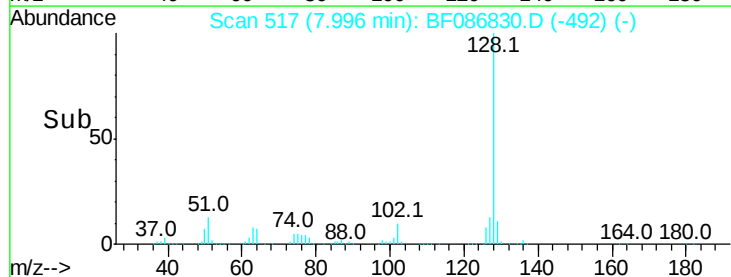
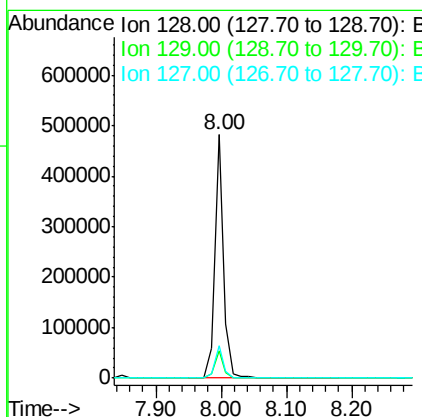
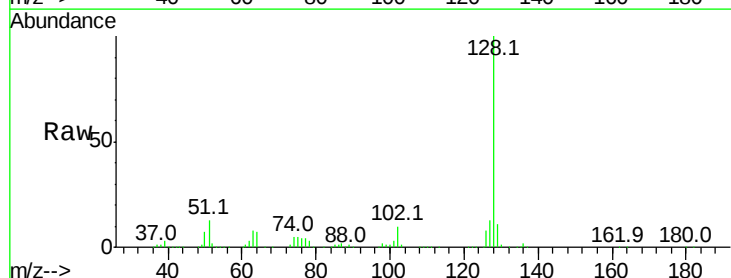
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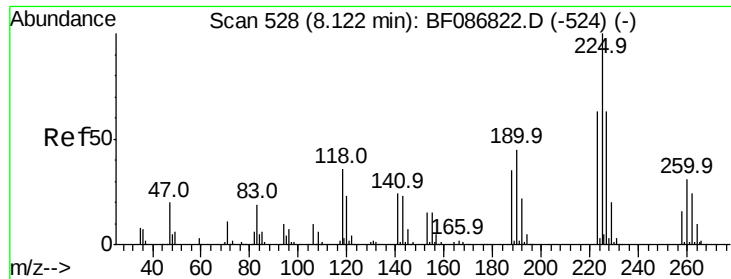
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#31
 Naphthalene
 Concen: 14.62 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	464184		
129	11.3		8.6	13.0
127	13.4		10.8	16.2





#34

Hexachlorobutadiene

Concen: 14.58 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

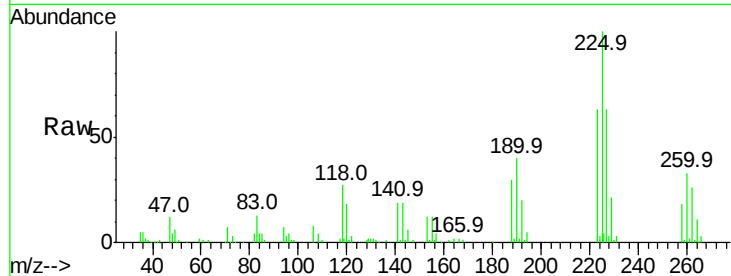
ClientSampled :

PT-BNA-SOILD

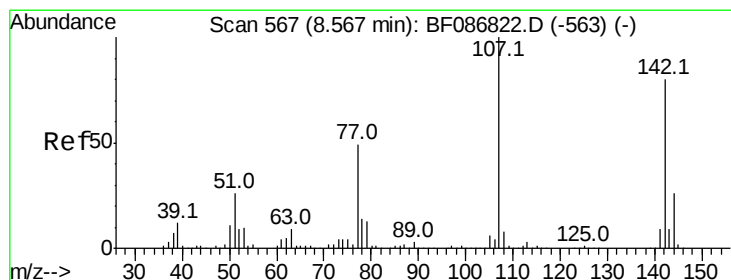
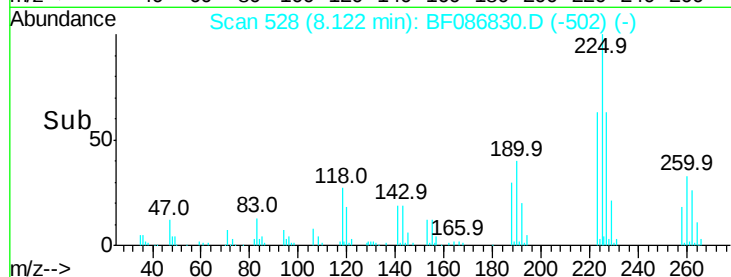
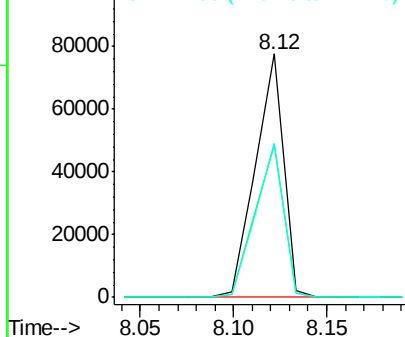
Tot Ion:	225	Resp:	80940
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.5	77.3
227	63.1	52.2	78.2

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 35.44 ng

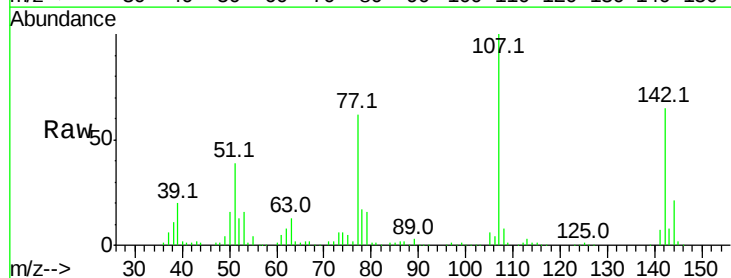
RT: 8.54 min Scan# 565

Delta R.T. -0.02 min

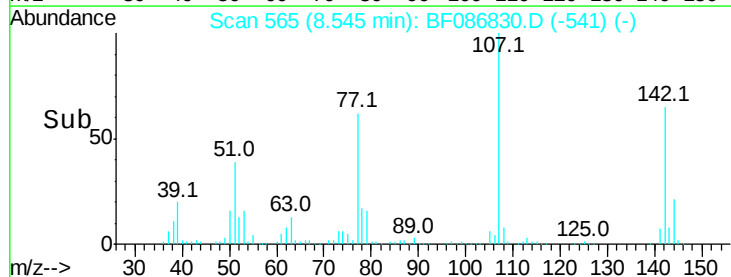
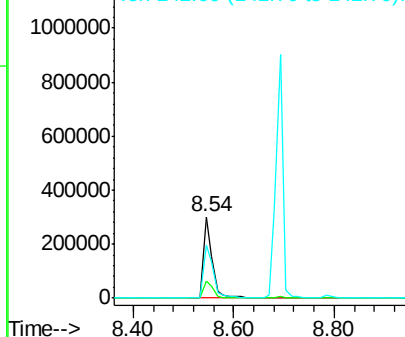
Lab File: BF086830.D

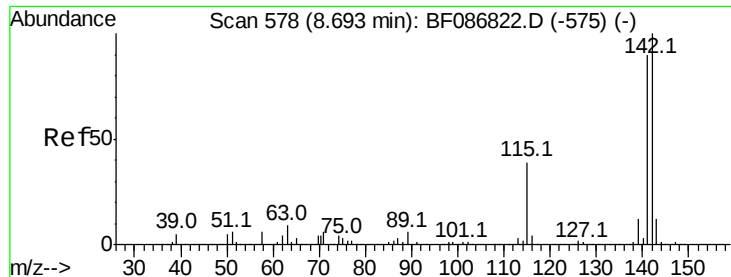
Acq: 9 May 2016 18:48

Tgt Ion:	107	Resp:	367877
Ion Ratio	Lower	Upper	
107	100		
144	20.6	20.7	31.1#
142	65.1	63.2	94.8



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





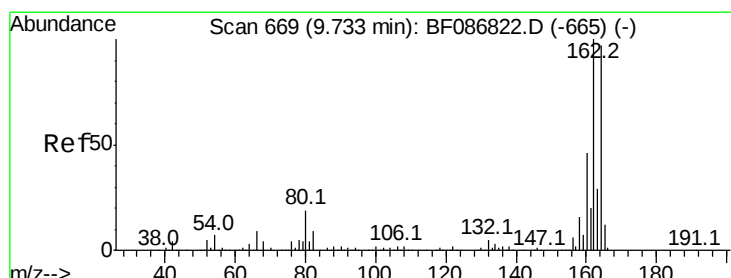
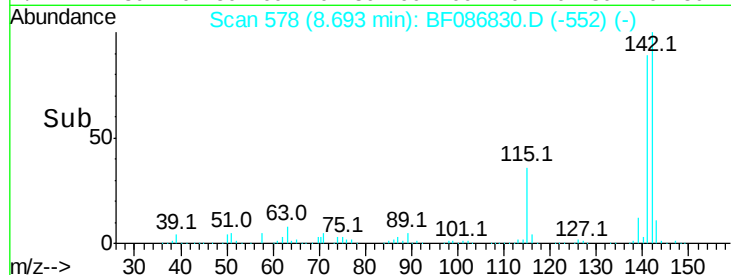
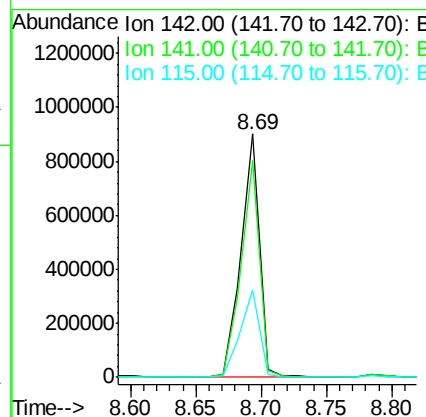
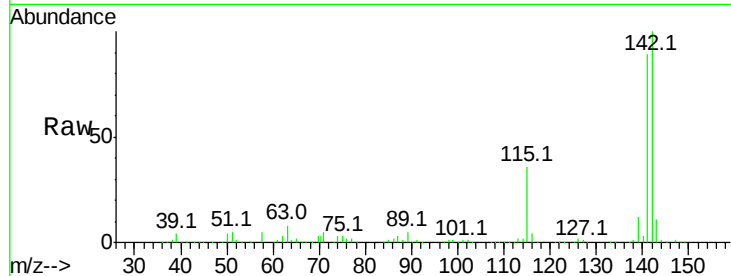
#37
 2-Methylnaphthalene
 Concen: 47.33 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion:	142	Resp:	878530
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.0	106.6
115	36.0	26.6	39.8

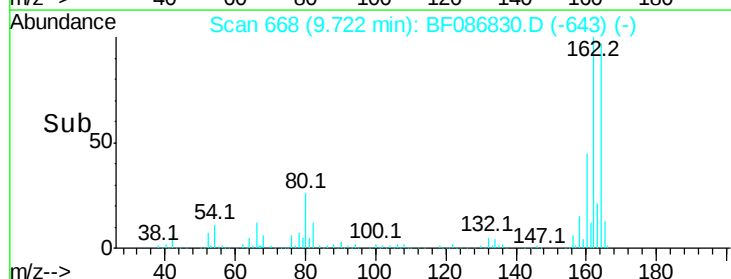
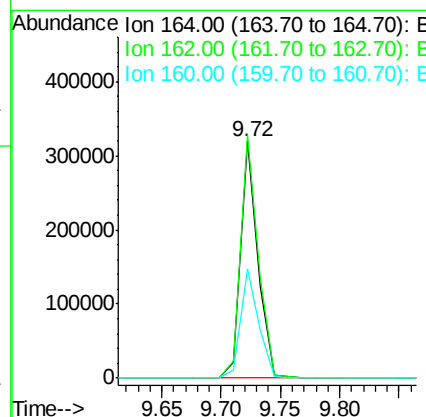
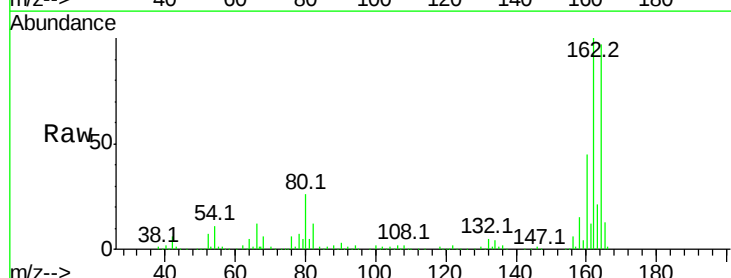
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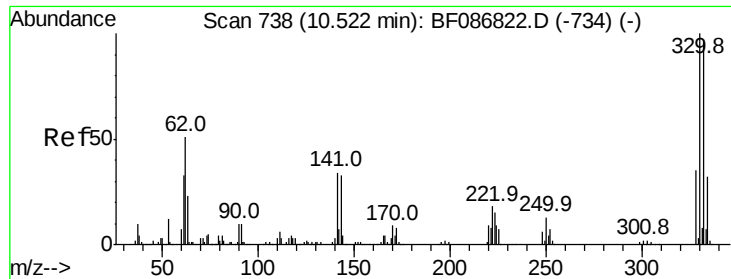
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion:	164	Resp:	323401
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.8	124.2
160	46.2	36.9	55.3





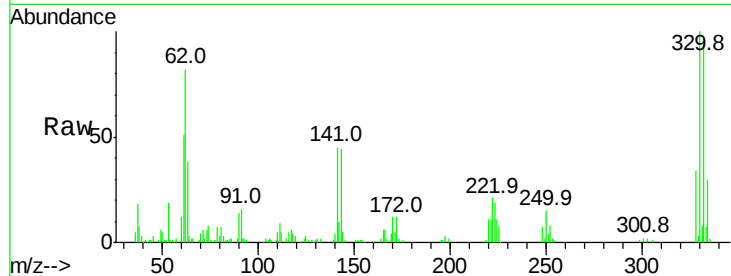
#41
 2,4,6-Tribromophenol
 Concen: 24.19 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
 ClientSampleID :
 PT-BNA-SOILD

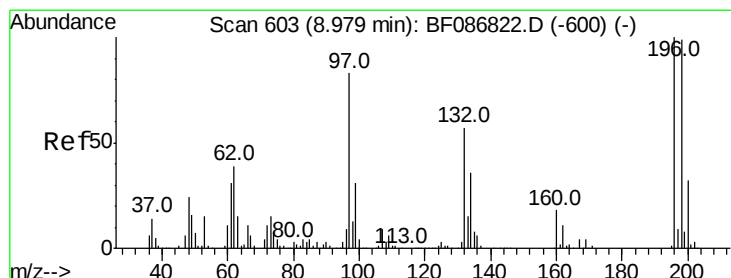
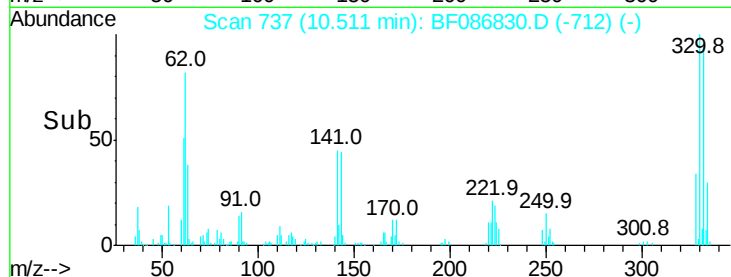
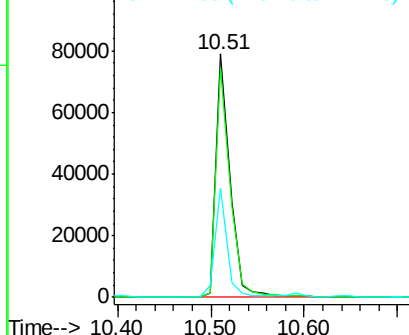
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	39.2	31.2	46.8

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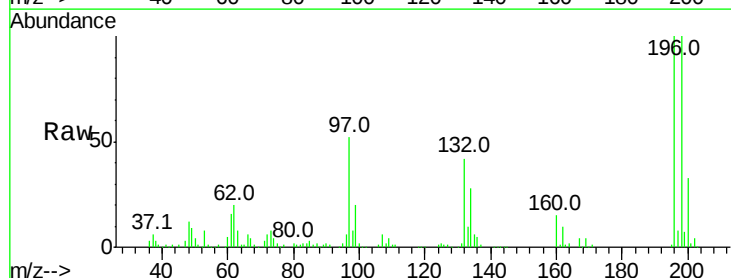


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

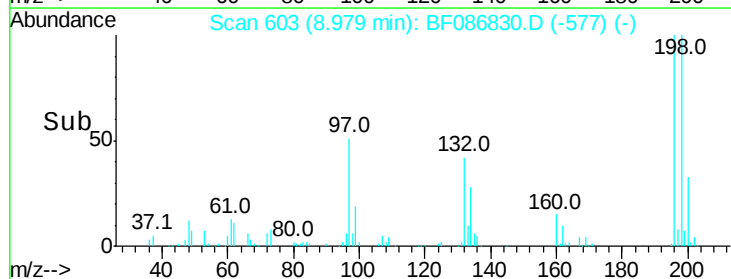
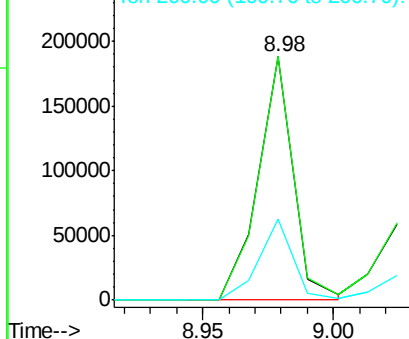


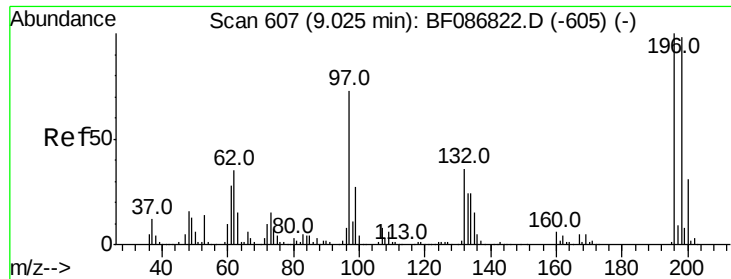
#42
 2,4,6-Trichlorophenol
 Concen: 28.34 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	74.7	112.1
200	33.1	23.8	35.6



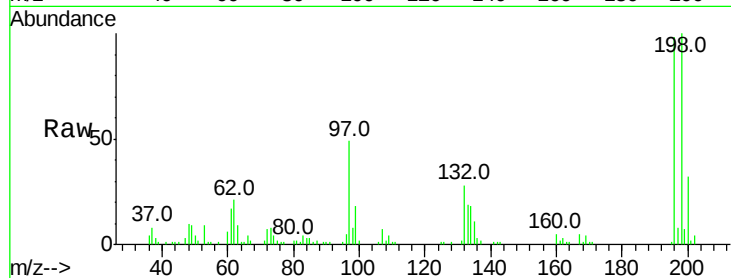
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 12.42 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

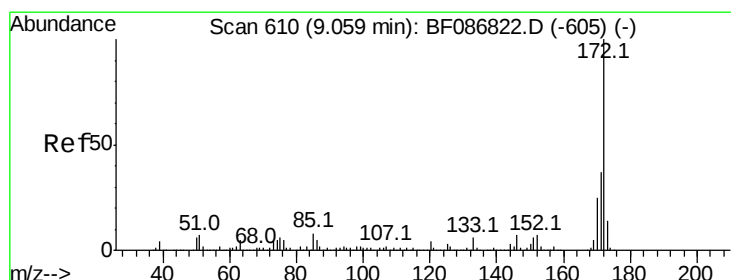
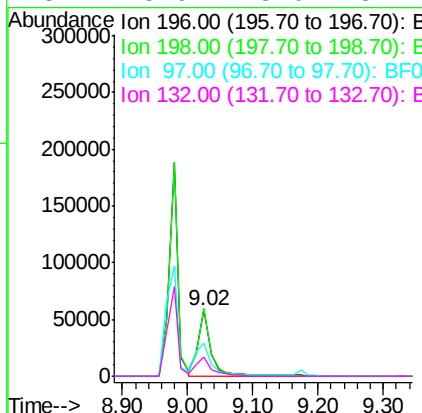
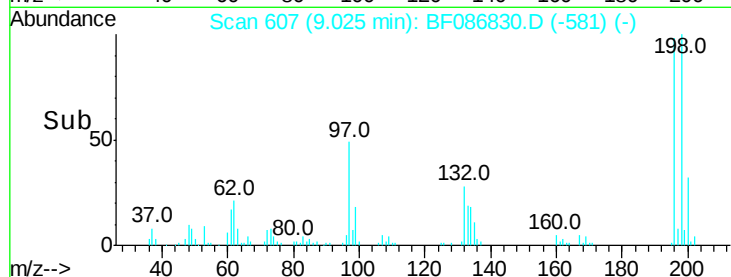
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD



Tot Ion:	196	Resp:	80787
Ion Ratio	Lower	Upper	
196	100		
198	102.5	77.5	116.3
97	50.1	34.8	52.2
132	28.9	23.0	34.4

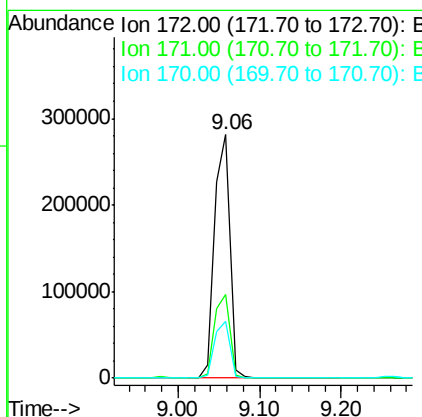
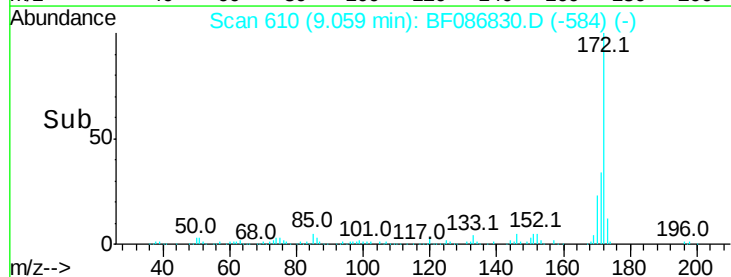
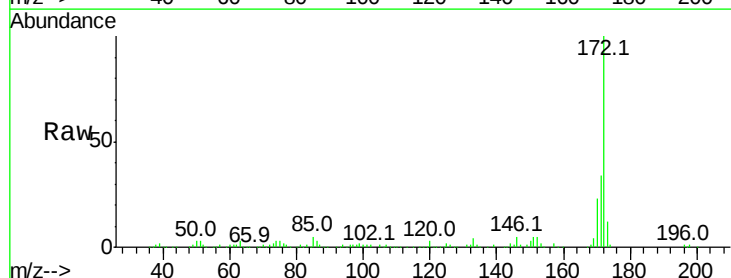
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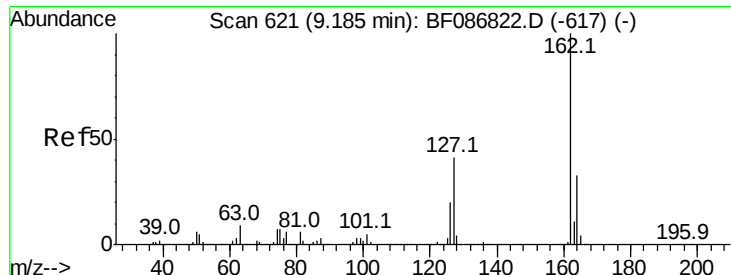
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#44
 2-Fluorobiphenyl
 Concen: 19.24 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion:	172	Resp:	370249
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.0	43.6
170	23.1	19.8	29.8





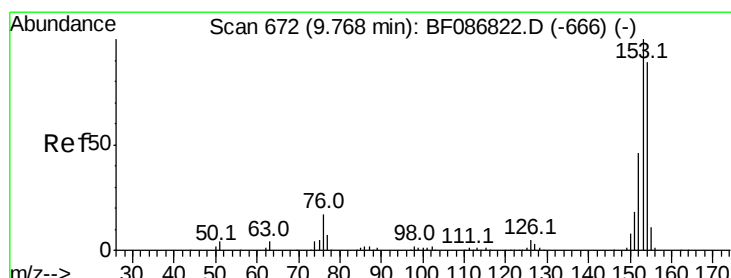
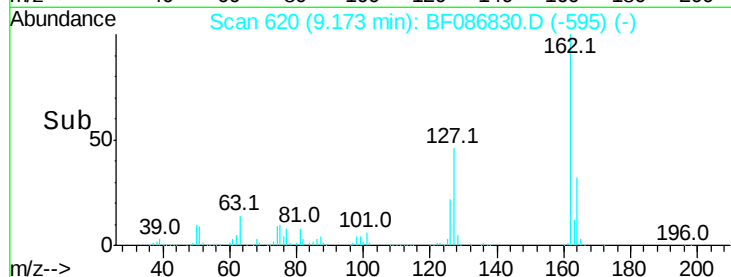
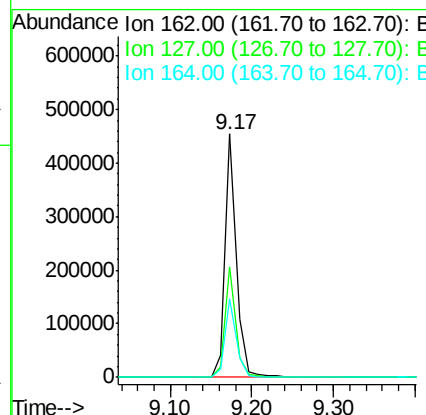
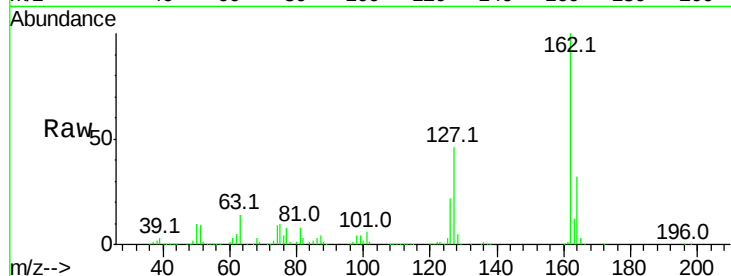
#46
2-Chloronaphthalene
Concen: 21.55 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	434353		
127	45.5	31.8	47.6	
164	32.3	27.0	40.6	

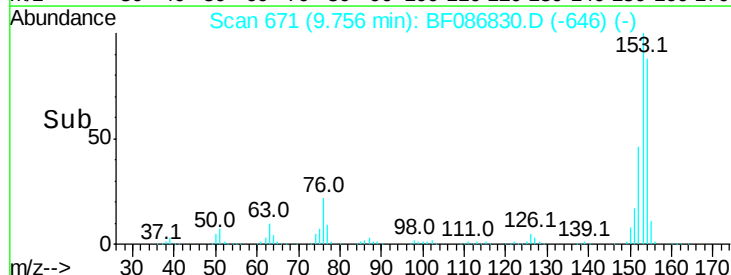
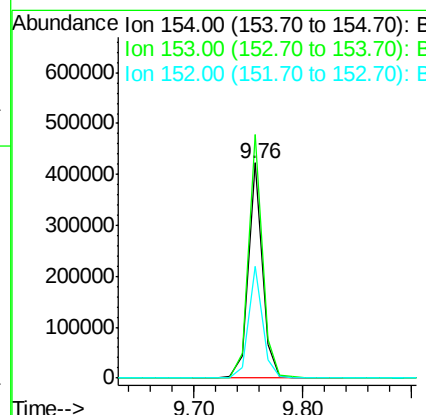
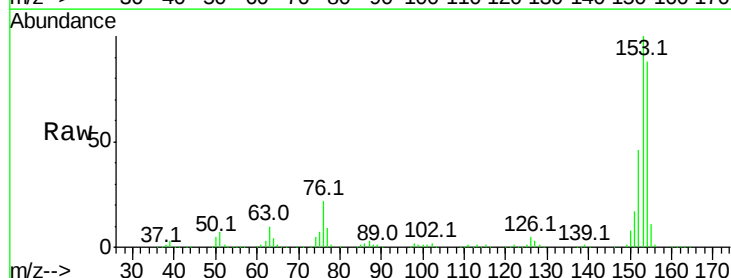
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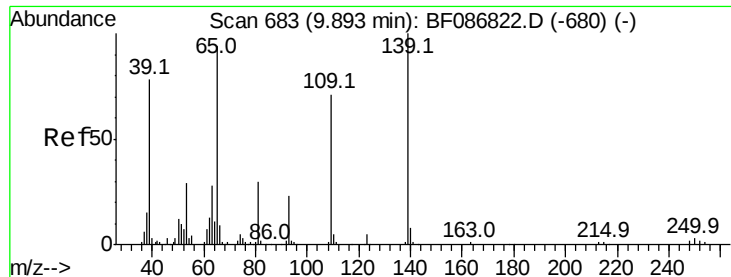
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#51
Acenaphthene
Concen: 20.27 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	373781		
153	113.2	89.8	134.6	
152	52.0	43.4	65.0	





#55

4-Nitrophenol

Concen: 33.67 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

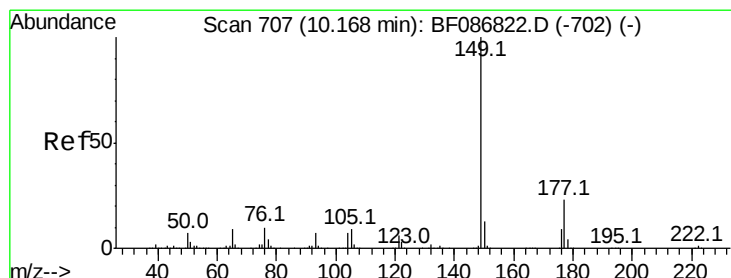
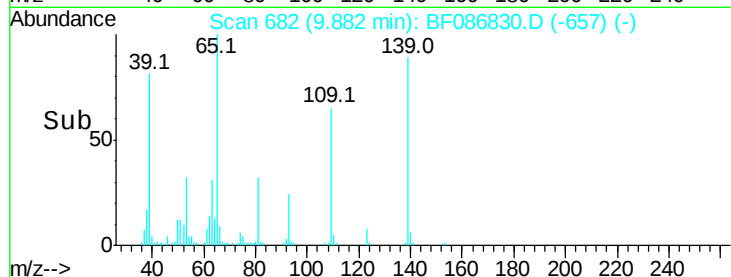
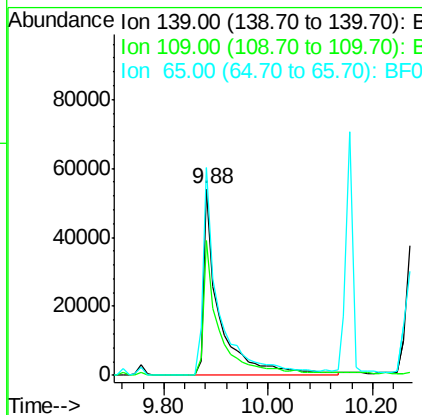
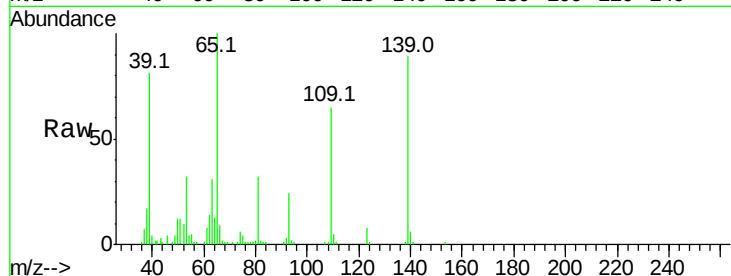
ClientSampleId :

PT-BNA-SOILD

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Tot Ion:	139	Resp:	112529
Ion Ratio	Lower	Upper	
139	100		
109	72.7	36.9	76.9
65	111.8	64.0	104.0#



#59

Diethylphthalate

Concen: 20.75 ng

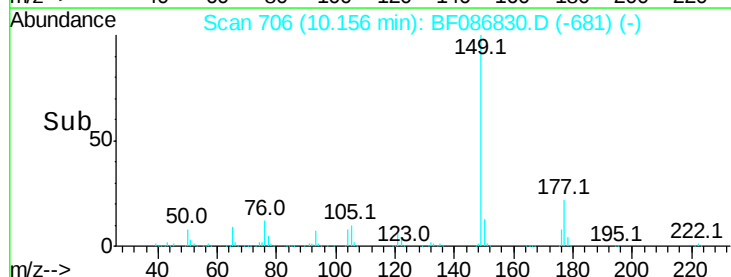
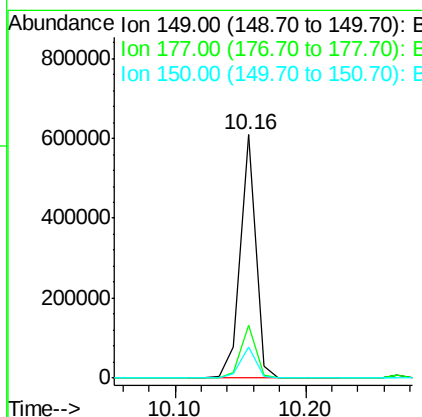
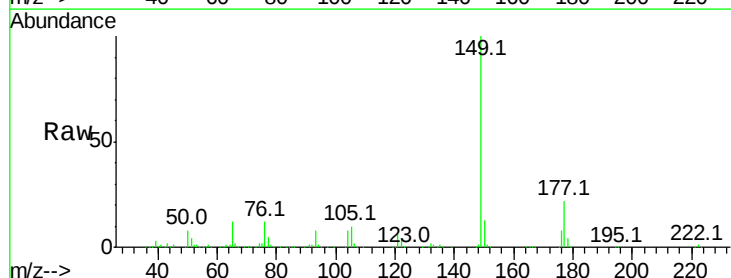
RT: 10.16 min Scan# 706

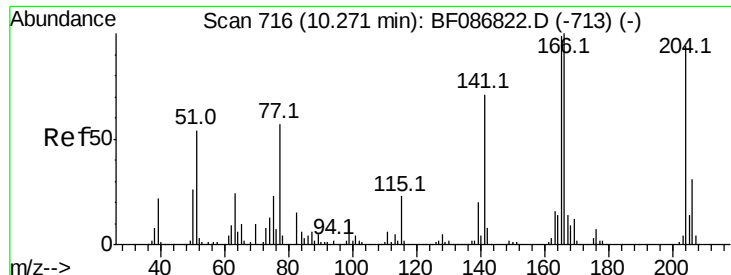
Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion:	149	Resp:	498881
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.6	24.8
150	12.7	10.0	15.0





#60

4-Chlorophenyl-phenylether

Concen: 42.10 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086830.D

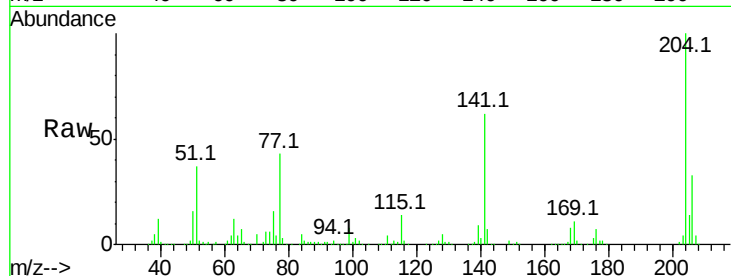
Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

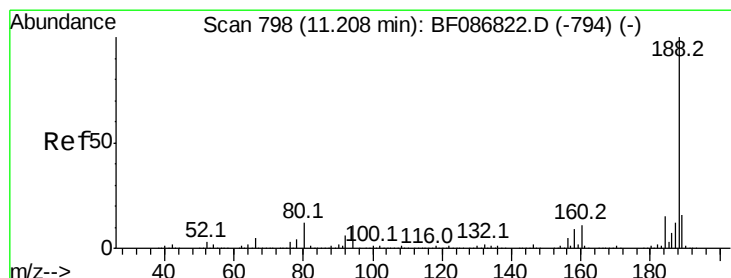
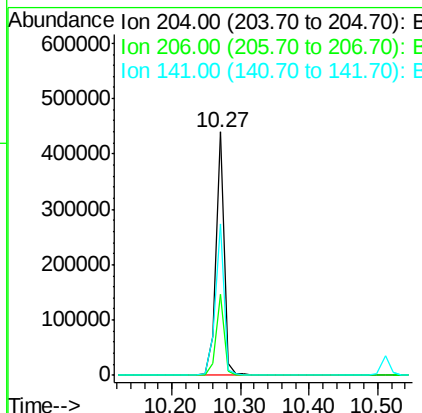
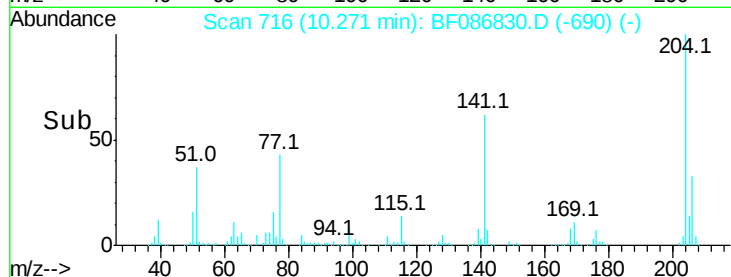
PT-BNA-SOILD



Tot Ion:	204	Resp:	375714
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.4	38.0
141	62.3	61.6	92.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

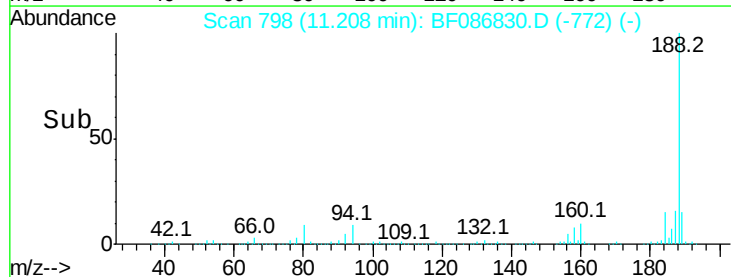
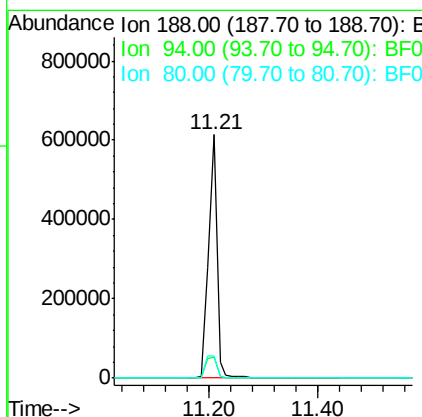
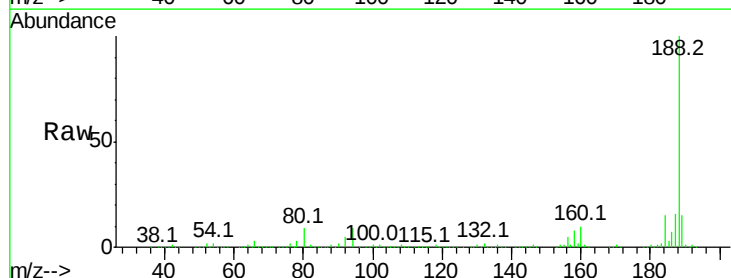
RT: 11.21 min Scan# 798

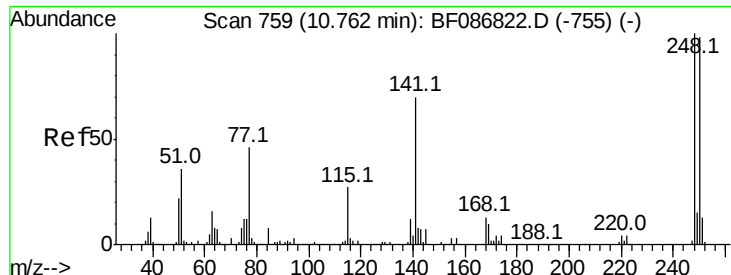
Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion:	188	Resp:	659455
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.8	10.2
80	8.9	7.1	10.7





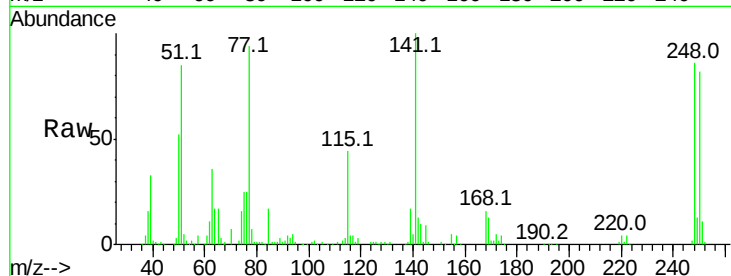
#66
4-Bromophenyl-phenylether
Concen: 17.20 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

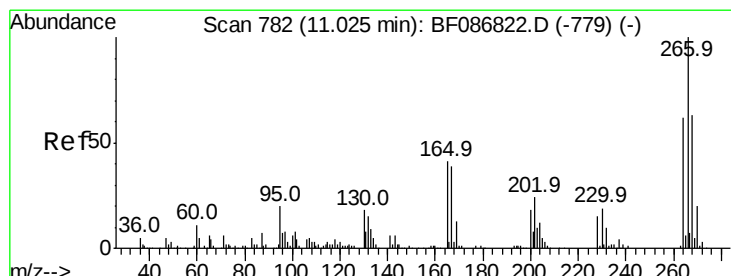
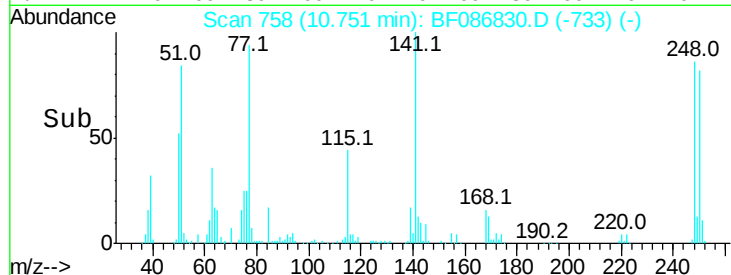
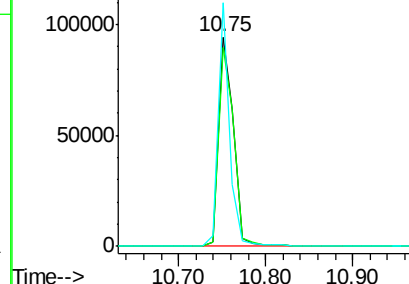
Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.1	78.6	117.8	
141	116.2	76.0	114.0	

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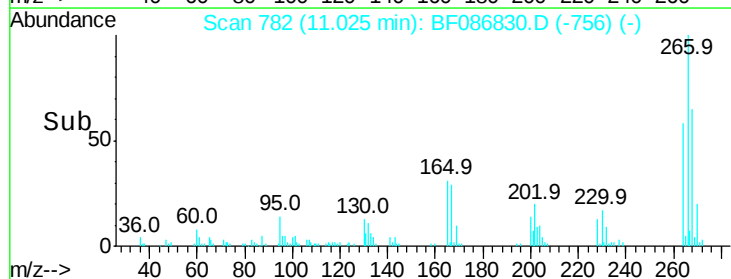
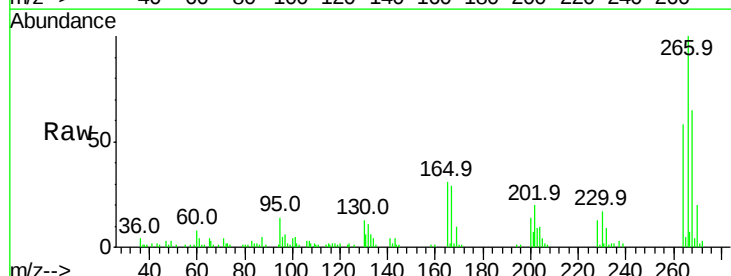
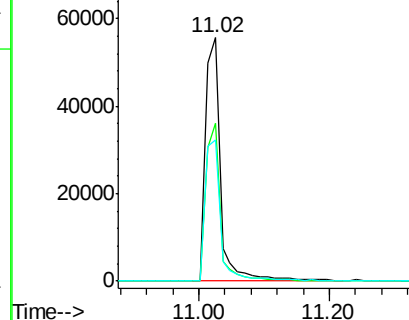
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

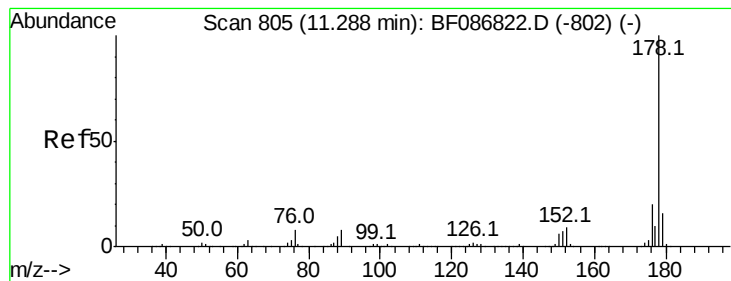


#69
Pentachlorophenol
Concen: 24.28 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	51.5	77.3	
264	58.2	52.9	79.3	

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





#71

Anthracene

Concen: 18.06 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

Tot Ion:178 Resp: 650027

Ion Ratio Lower Upper

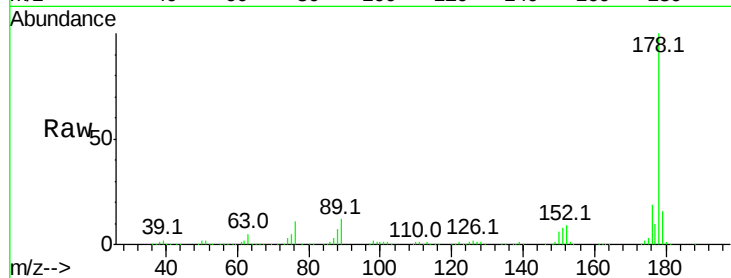
178 100

176 19.0 15.6 23.4

179 15.7 12.7 19.1

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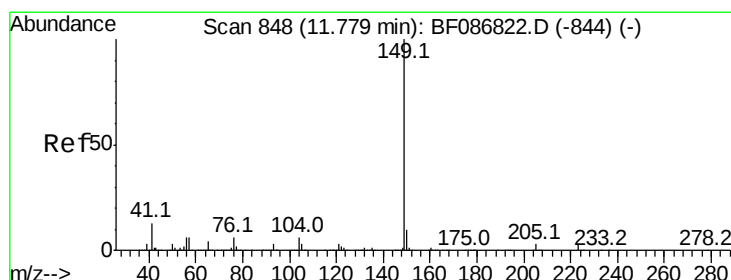
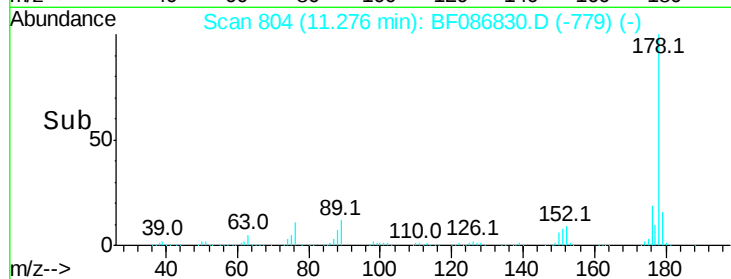
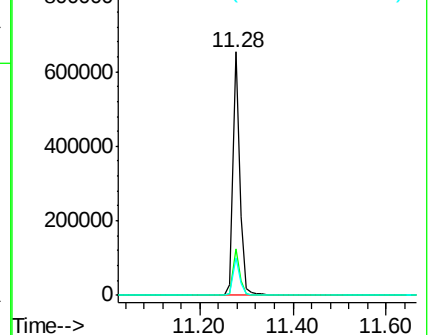
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 31.78 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

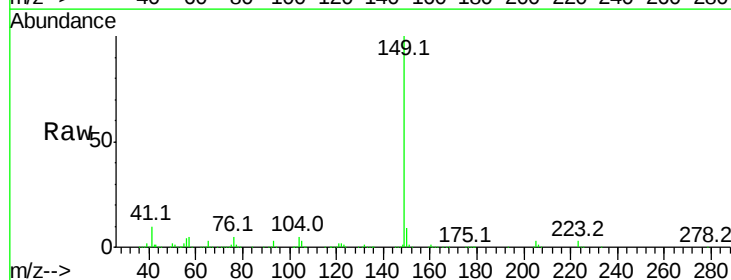
Tgt Ion:149 Resp: 1200711

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

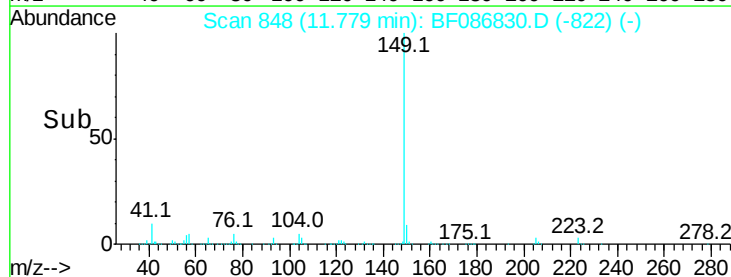
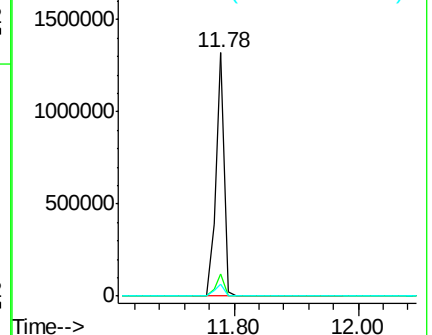
104 5.1 3.8 5.6

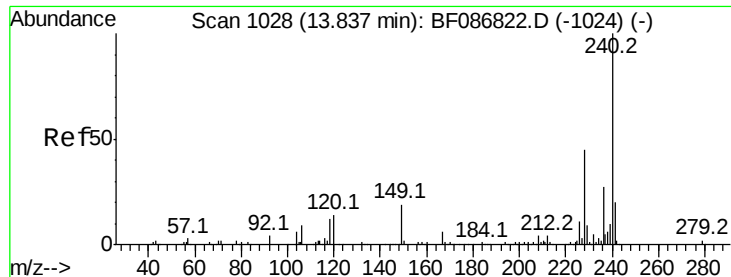


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

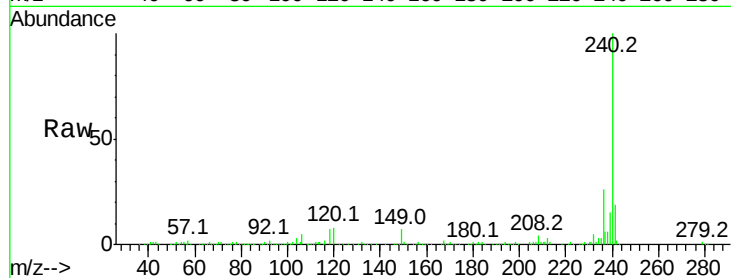
ClientSampleId :

PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	526891		
120	7.8	11.2	16.8#	
236	26.0	21.2	31.8	

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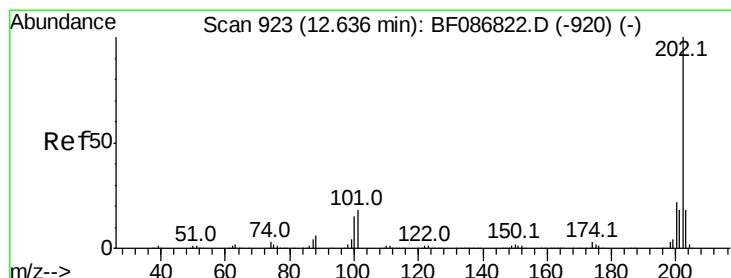
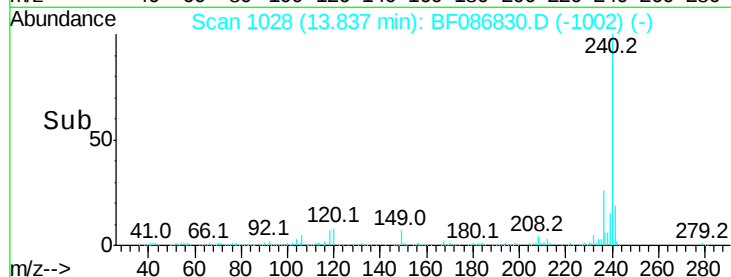
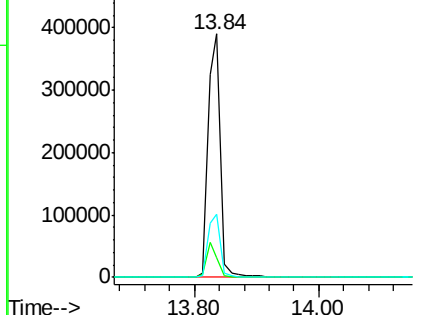
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 24.43 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086830.D

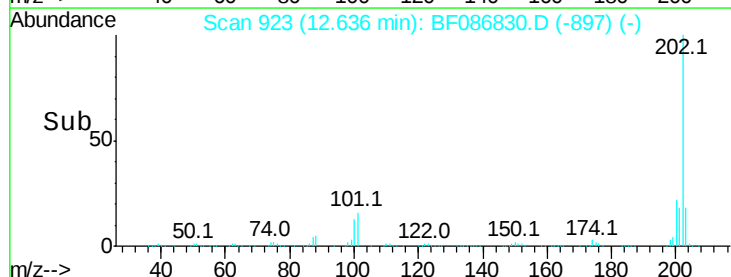
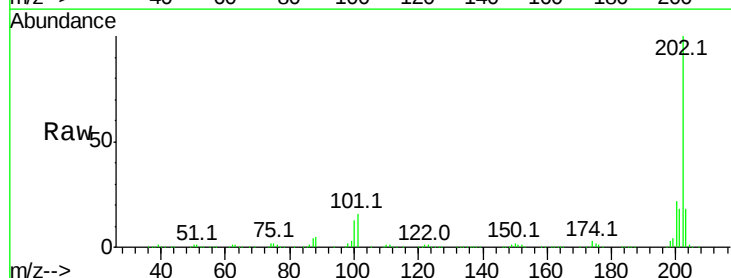
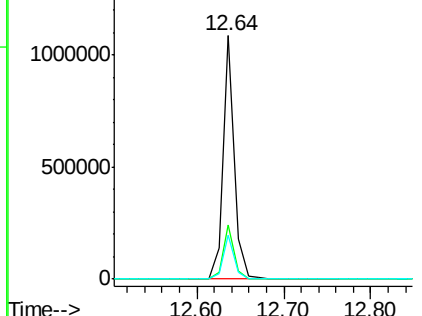
Acq: 9 May 2016 18:48

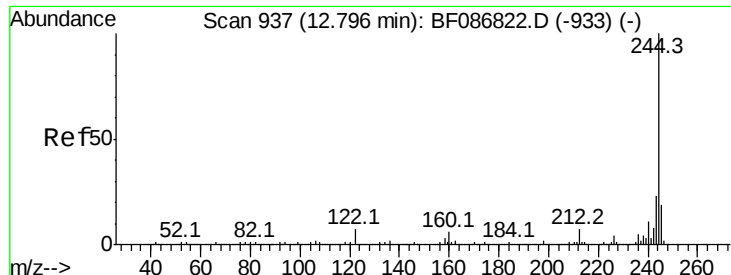
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	985337		
200	22.3	17.7	26.5	
203	18.0	14.2	21.4	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.49 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086830.D

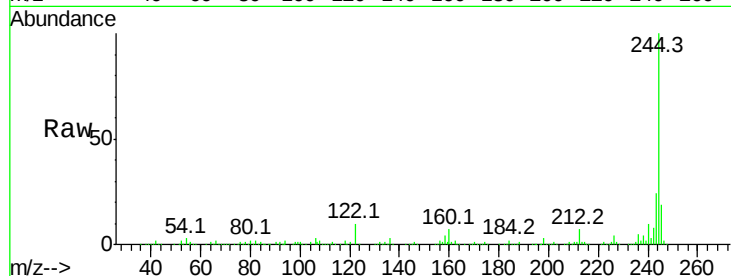
Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

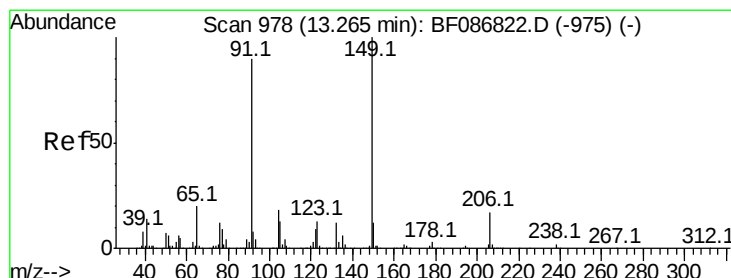
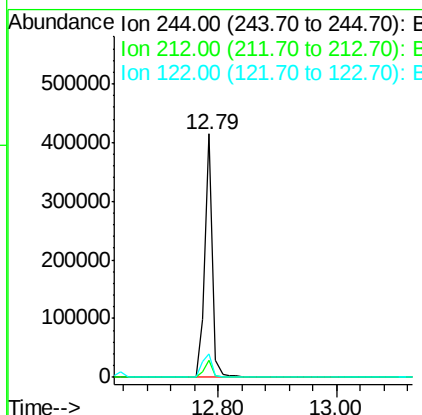
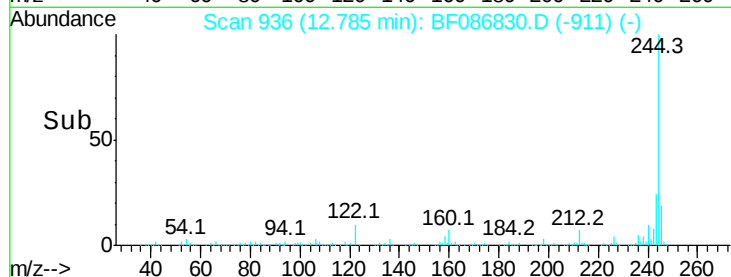
PT-BNA-SOILD



Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	9.8	12.0	18.0#

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#79

Butylbenzylphthalate

Concen: 18.15 ng

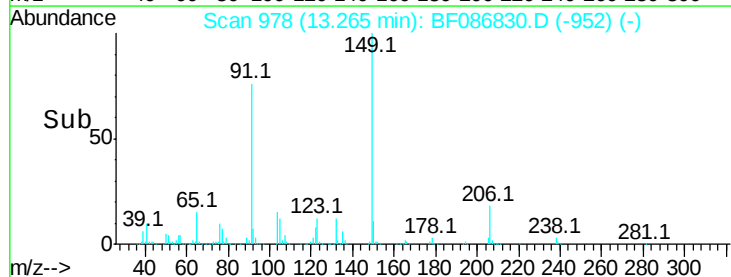
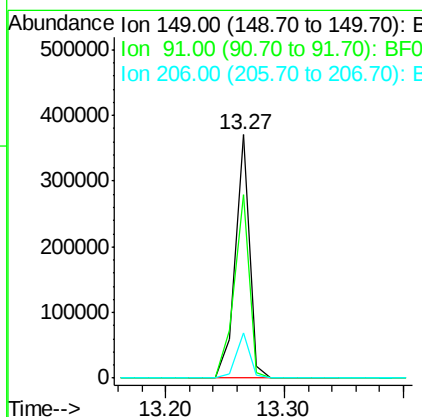
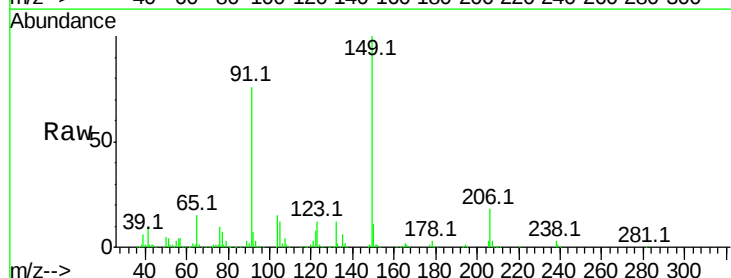
RT: 13.27 min Scan# 978

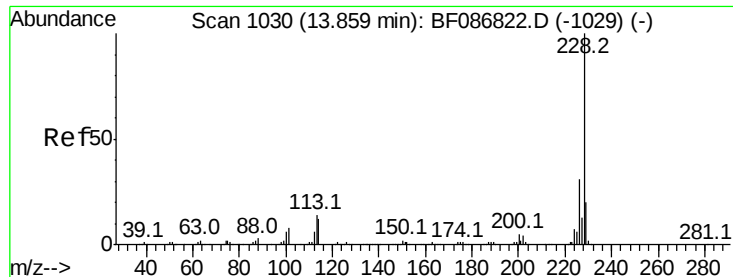
Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.6	48.0	72.0#
206	18.5	15.8	23.6





#82

Chrysene

Concen: 27.33 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

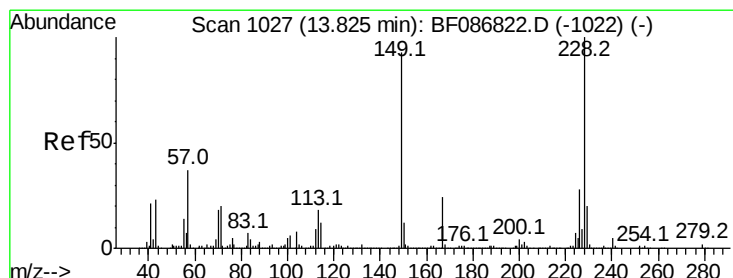
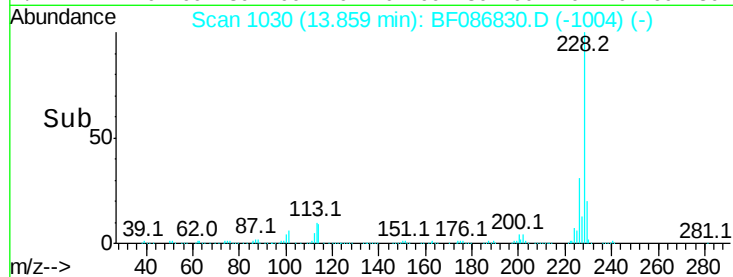
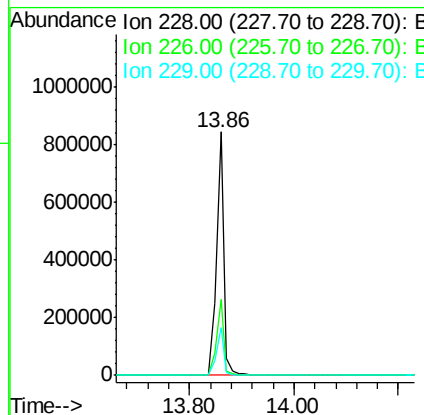
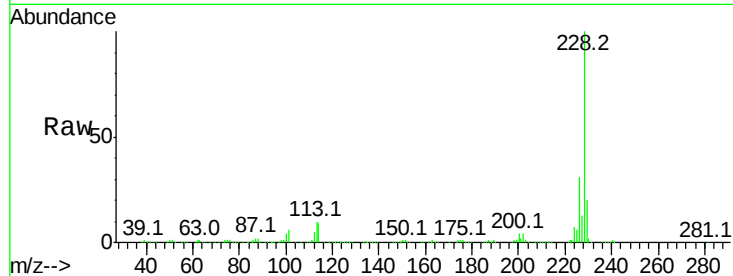
ClientSampleId :

PT-BNA-SOILD

Tot Ion:	228	Resp:	822272
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	19.9	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 23.99 ng

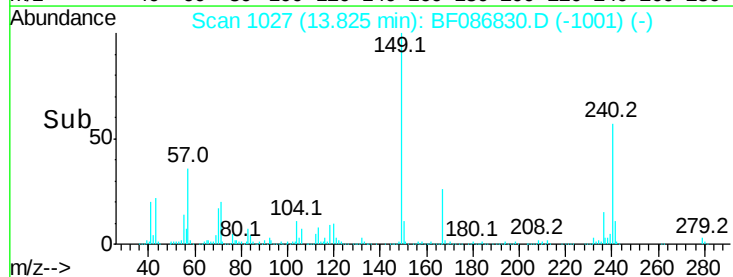
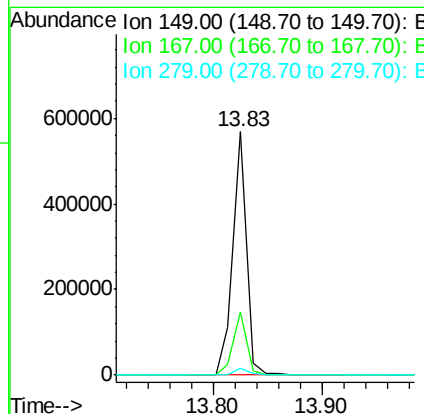
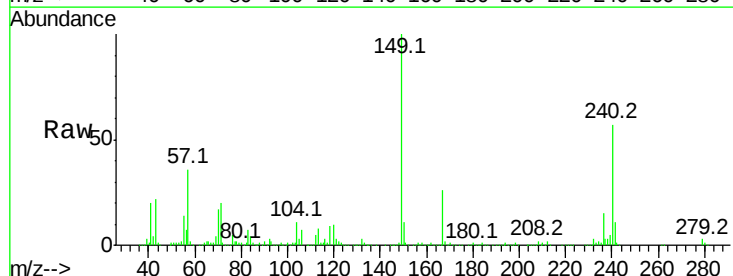
RT: 13.83 min Scan# 1027

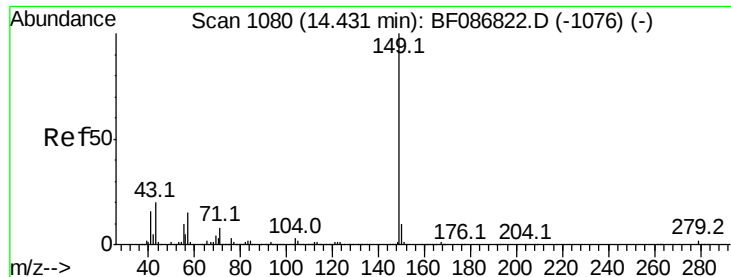
Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Tgt Ion:	149	Resp:	492430
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.6
279	3.0	2.6	4.0





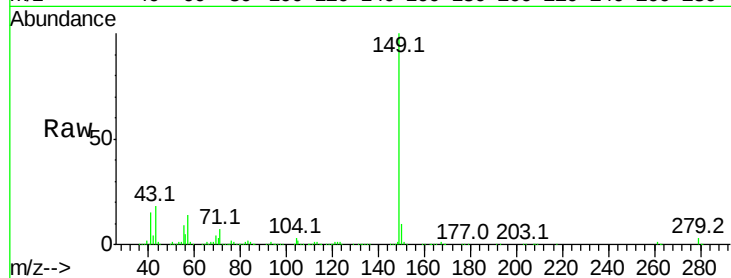
#84
Di-n-octyl phthalate
Concen: 24.18 ng
RT: 14.43 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

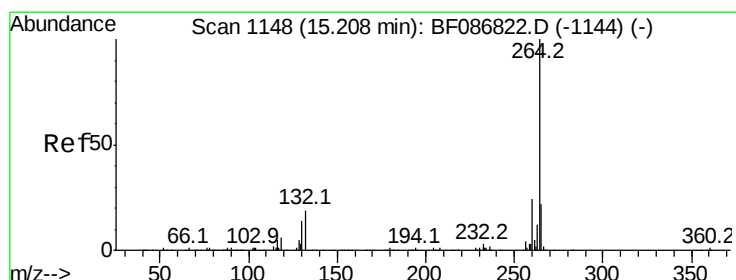
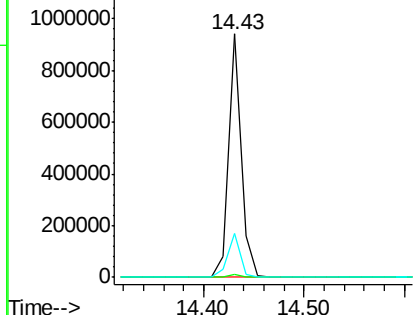
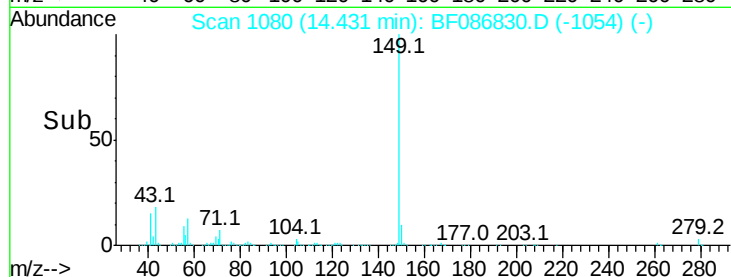
Tot Ion	Ratio	Resp	Lower	Upper
149	100	822129		
167	1.5	1.2	1.8	
43	17.7	8.2	12.4	

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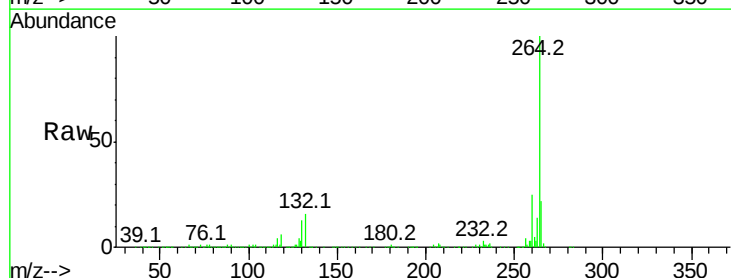


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

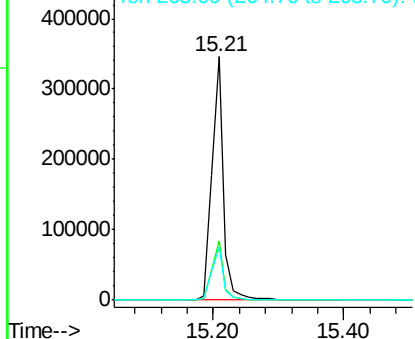
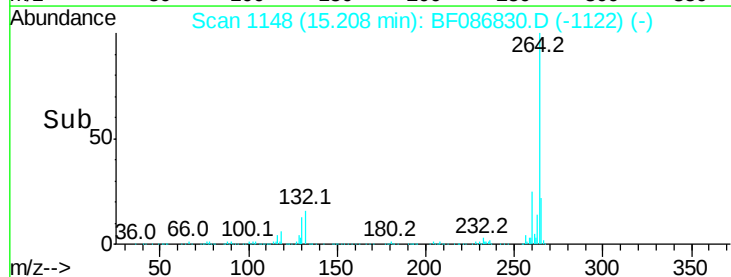


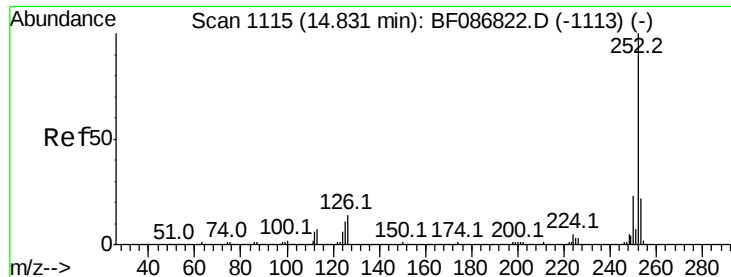
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	433131		
260	24.6	19.5	29.3	
265	21.7	17.3	25.9	



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





#87

Benzo(b)fluoranthene

Concen: 17.29 ng m

RT: 14.84 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tot Ion:252 Resp: 486713

Ion Ratio Lower Upper

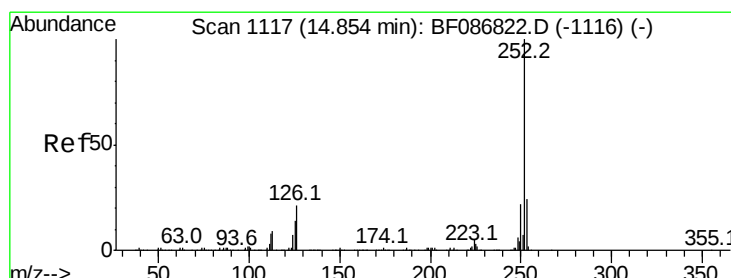
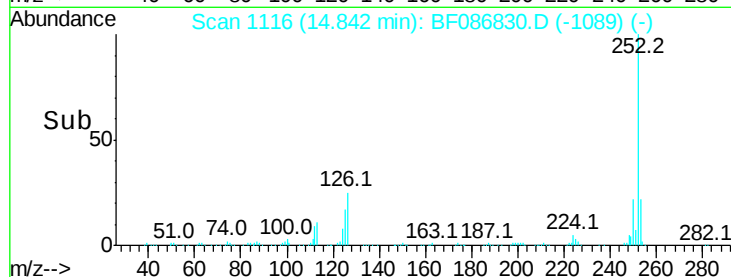
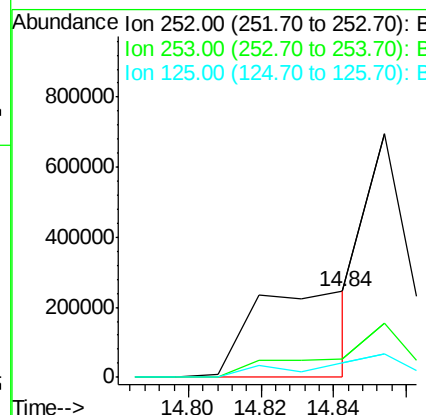
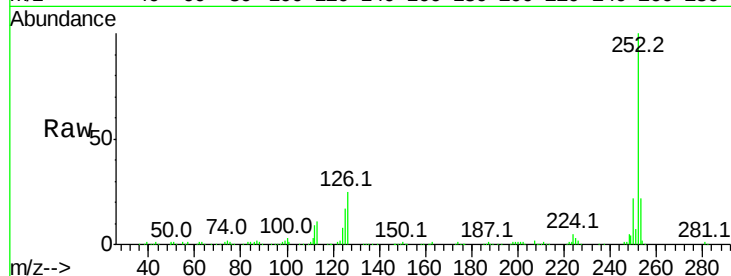
252 100

253 21.9 17.8 26.6

125 17.1 11.4 17.0#

Manual Integrations
APPROVED

umangi
5/10/2016 7:01:08 PM



#88

Benzo(k)fluoranthene

Concen: 25.22 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

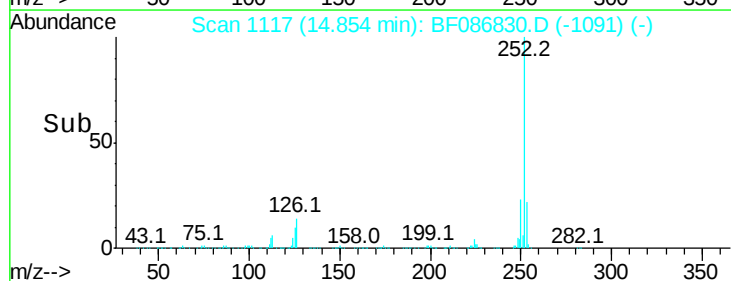
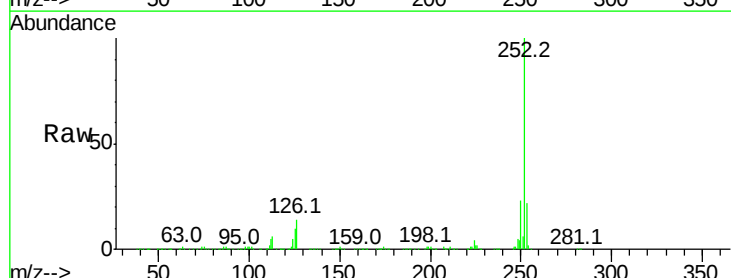
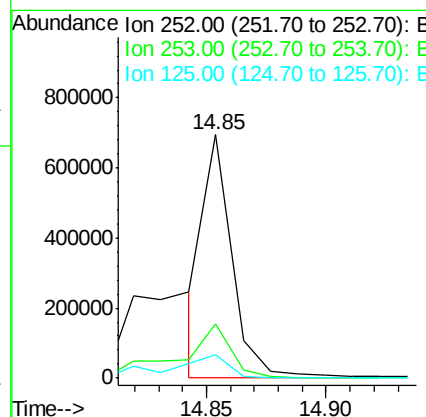
Tgt Ion:252 Resp: 581349

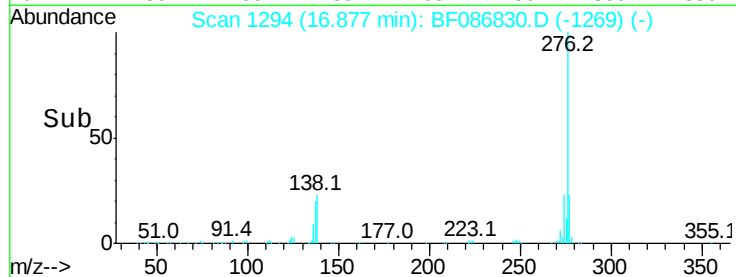
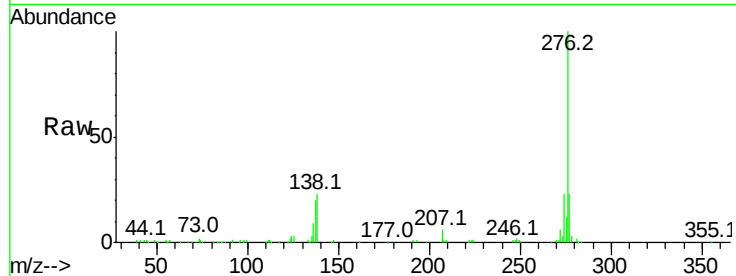
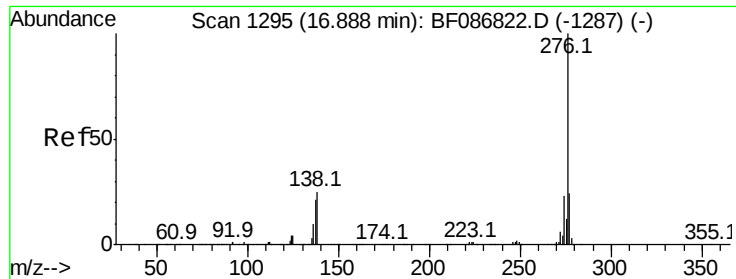
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.8 9.1 13.7





#91

Benzo(a,h,i)perylene

Concen: 11.29 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tot Ion:	276	Resp:	234780
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.6	29.4
138	22.5	23.6	35.4#

Manual Integrations
APPROVED

umangi
5/10/2016 7:01:08 PM

