

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086857.D
 Acq On : 10 May 2016 13:56
 Operator : UM/SJ
 Sample : H2817-15DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
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 5/11/2016 8:14:58 PM

Quant Time: May 11 08:49:30 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	6.68	152	178391	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	769787	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	384801	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	689324	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	538365	20.00	ng	-0.01
86) Perylene-d12	15.20	264	496695	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	245405	23.30	ng	-0.01
7) Phenol-d6	6.34	99	354431	25.18	ng	-0.02
23) Nitrobenzene-d5	7.25	82	232734	15.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	100388	24.64	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	458592	20.03	ng	-0.01
78) Terphenyl-d14	12.77	244	426089	16.79	ng	-0.02

Target Compounds				Qvalue		
8) 2-Chlorophenol	6.48	128	264922	20.84	ng	100
10) Phenol	6.35	94	479008	28.63	ng	84
11) bis(2-Chloroethyl)ether	6.43	93	310354	23.79	ng	94
12) 1,3-Dichlorobenzene	6.62	146	558780	40.62	ng	98
13) 1,4-Dichlorobenzene	6.70	146	625705	44.61	ng	97
14) 1,2-Dichlorobenzene	6.85	146	616208	50.40	ng	96
18) Hexachloroethane	7.20	117	235881	44.69	ng	# 89
25) Isophorone	7.52	82	1033983	36.35	ng	98
29) 2,4-Dichlorophenol	7.85	162	161820	15.57	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	355433	30.59	ng	99
31) Naphthalene	8.00	128	564302	14.64	ng	99
34) Hexachlorobutadiene	8.11	225	98248	14.57	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	455157	36.11	ng	100
37) 2-Methylnaphthalene	8.68	142	934668	41.47	ng	# 96
42) 2,4,6-Trichlorophenol	8.97	196	218434	29.20	ng	95
43) 2,4,5-Trichlorophenol	9.01	196	107173	13.85	ng	# 92
46) 2-Chloronaphthalene	9.17	162	541718	22.59	ng	99
51) Acenaphthene	9.76	154	465299	21.21	ng	98
55) 4-Nitrophenol	9.87	139	144229	35.92	ng	# 65
59) Diethylphthalate	10.16	149	556774	19.46	ng	94
60) 4-Chlorophenyl-phenylether	10.26	204	421873	39.05	ng	95
66) 4-Bromophenyl-phenylether	10.75	248	149740	21.43	ng	# 89
69) Pentachlorophenol	11.01	266	119196	31.58	ng	97
71) Anthracene	11.28	178	804522	21.38	ng	99
73) Di-n-butylphthalate	11.77	149	1244155	31.50	ng	# 98
77) Pyrene	12.64	202	1230062	29.84	ng	99
79) Butylbenzylphthalate	13.25	149	328260	18.83	ng	# 59
82) Chrysene	13.85	228	884991	28.79	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	562696	26.83	ng	# 99
84) Di-n-octyl phthalate	14.43	149	1038416	29.89	ng	# 85
87) Benzo(b)fluoranthene	14.82	252	418295m	12.96	ng	
88) Benzo(k)fluoranthene	14.85	252	899298m	34.02	ng	
91) Benzo(a,h,i)perylene	16.87	276	279013	11.70	ng	94

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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

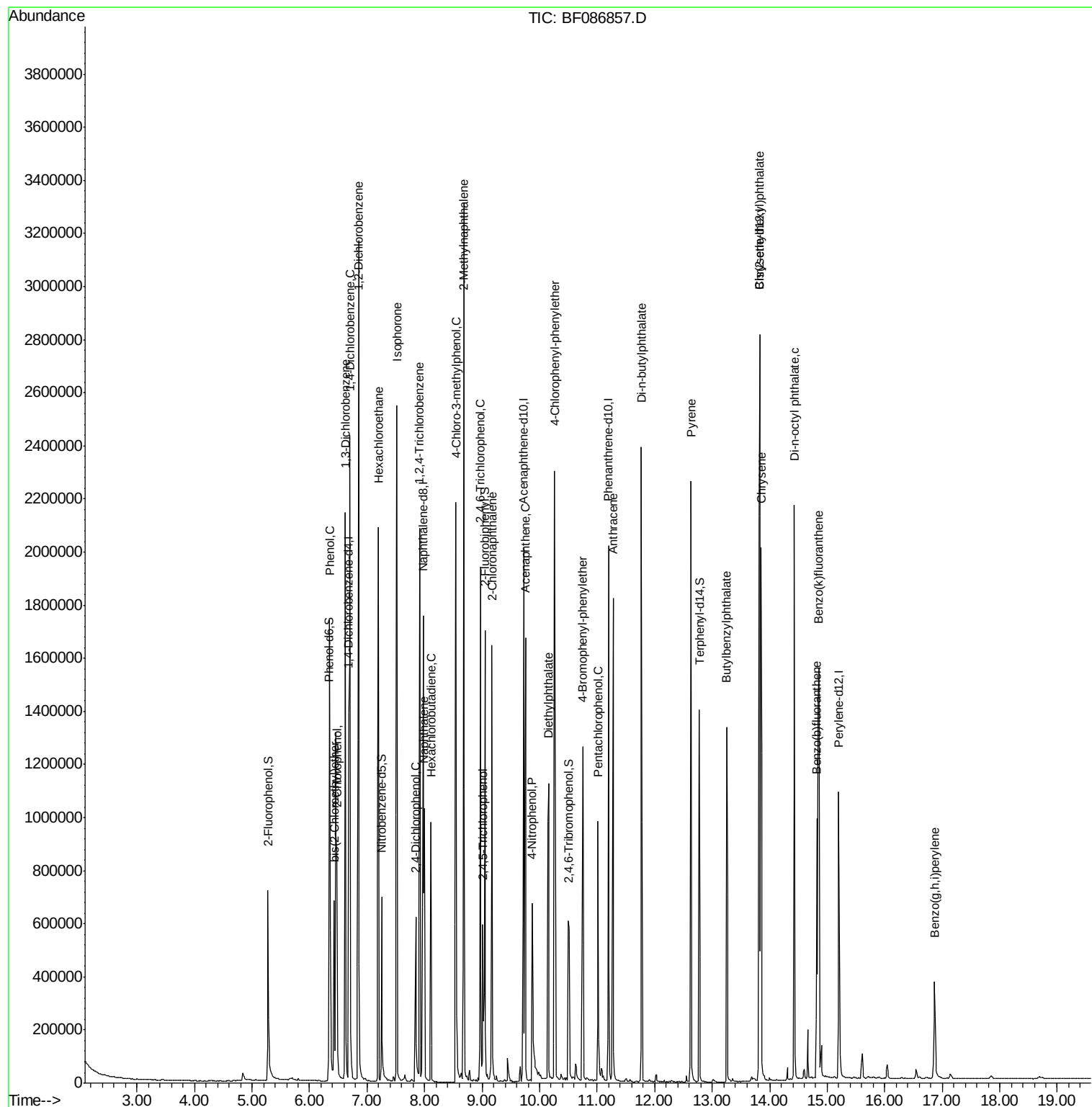
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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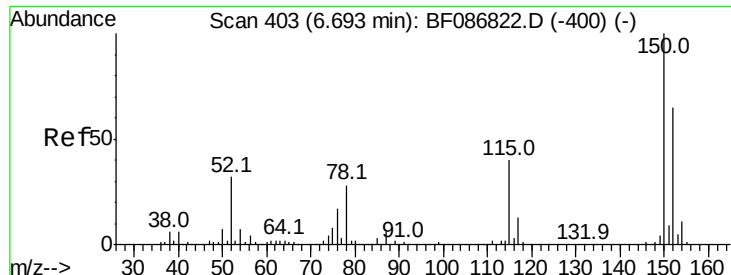
Instrument :
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#1

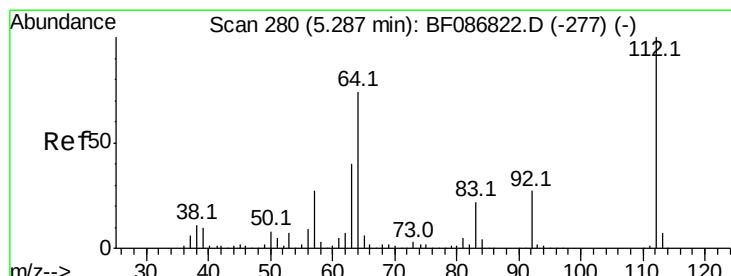
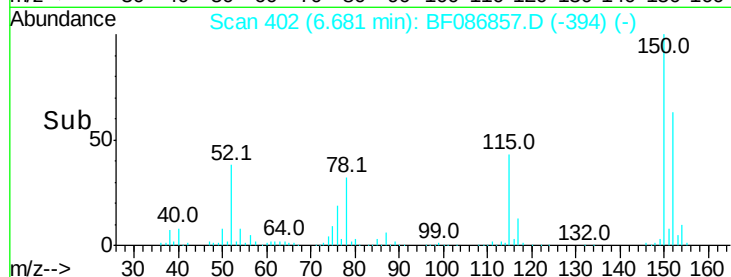
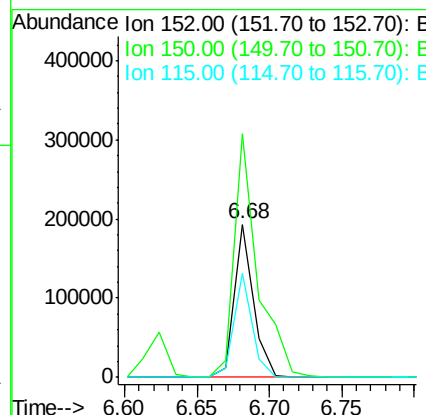
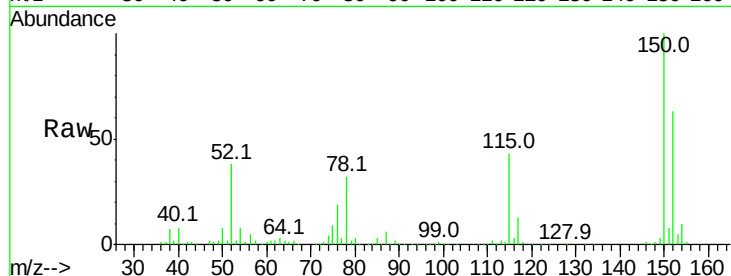
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	178391		
150	159.1	125.8	188.6	
115	68.3	51.5	77.3	

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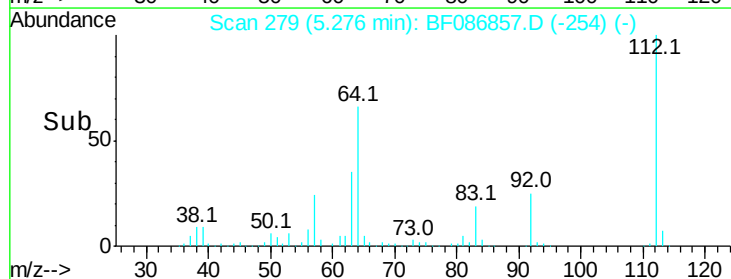
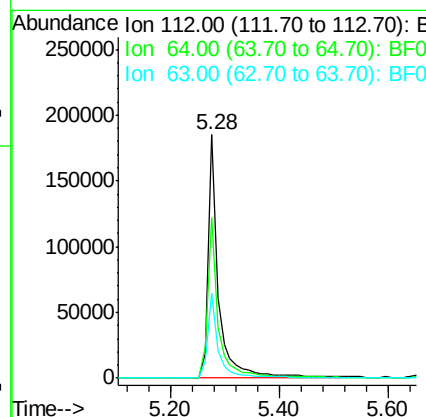
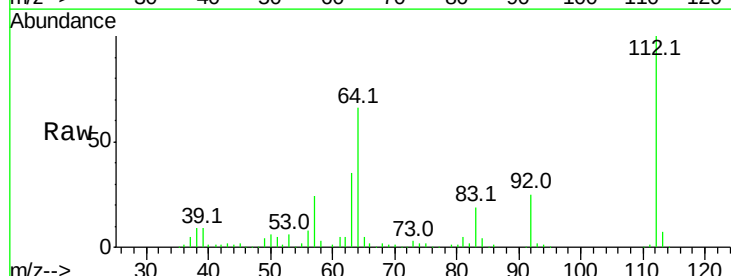
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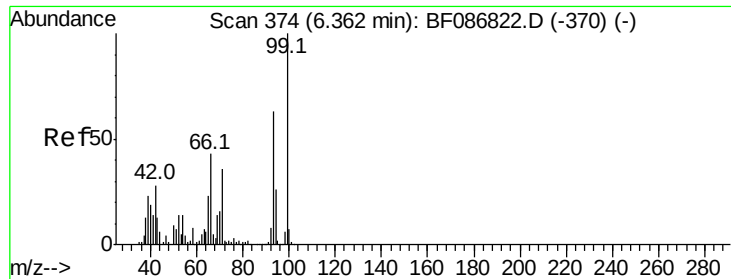


#5

2-Fluorophenol
Concen: 23.30 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	245405		
64	66.1	52.1	78.1	
63	34.9	25.7	38.5	





#7

Phenol-d6

Concen: 25.18 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

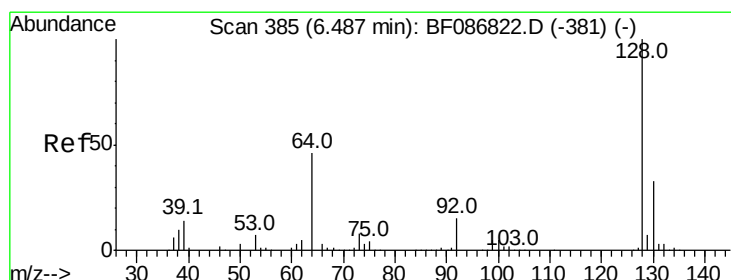
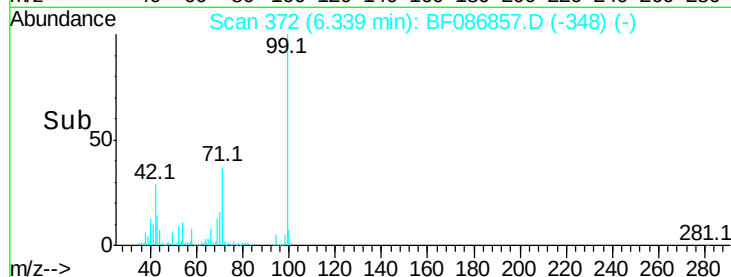
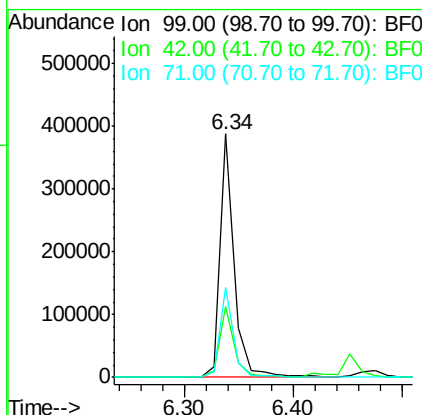
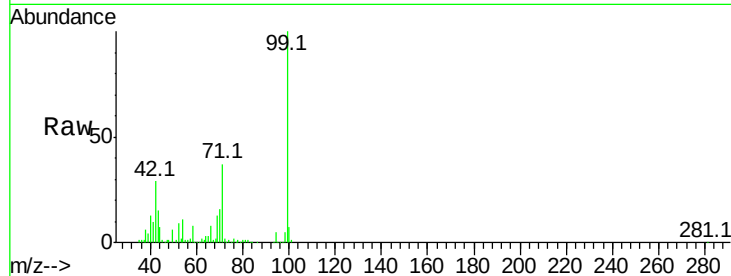
ClientSampleId :

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Tot Ion:	99	Resp:	354431
Ion Ratio	Lower	Upper	
99	100		
42	29.3	13.6	20.4#
71	37.0	24.6	36.8#

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#8

2-Chlorophenol

Concen: 20.84 ng

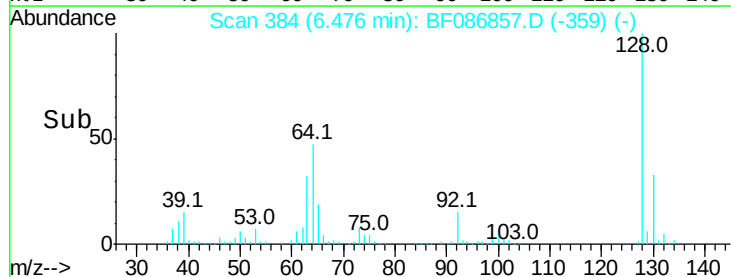
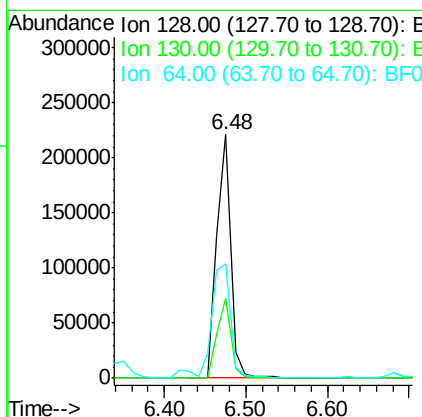
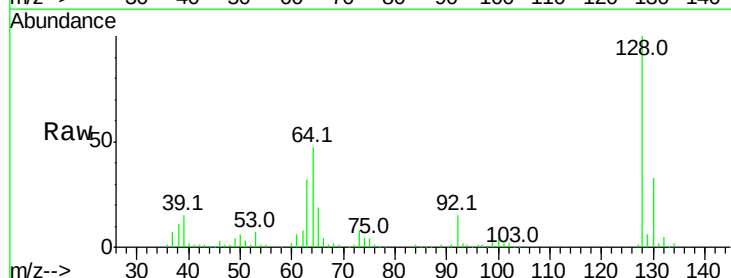
RT: 6.48 min Scan# 384

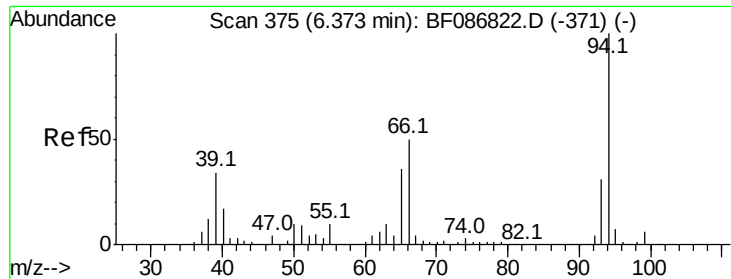
Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion:	128	Resp:	264922
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.5	52.5
64	47.0	27.3	67.3





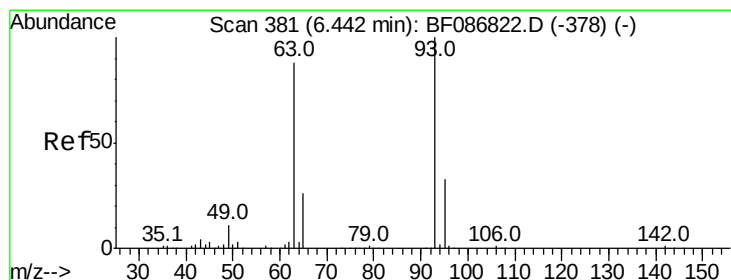
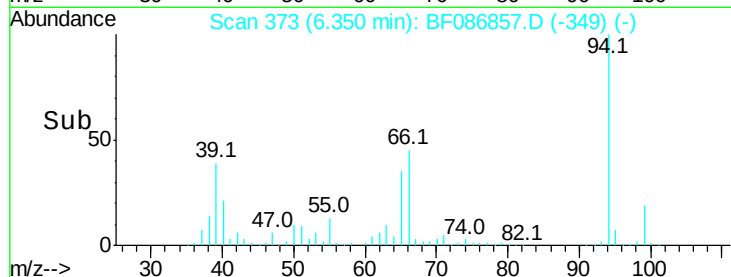
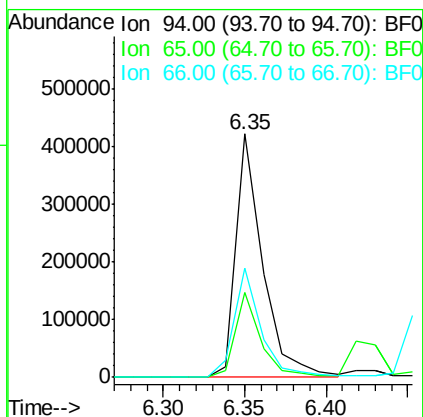
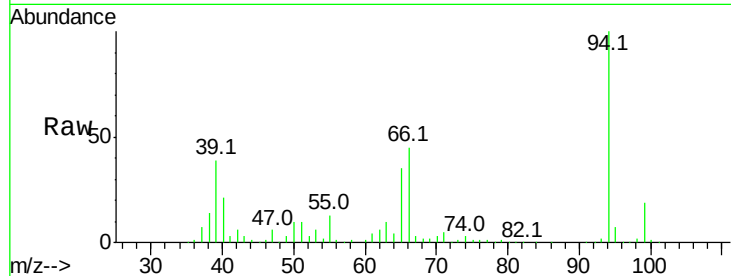
#10
Phenol
Concen: 28.63 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.2	47.2
66	44.9	14.9	54.9

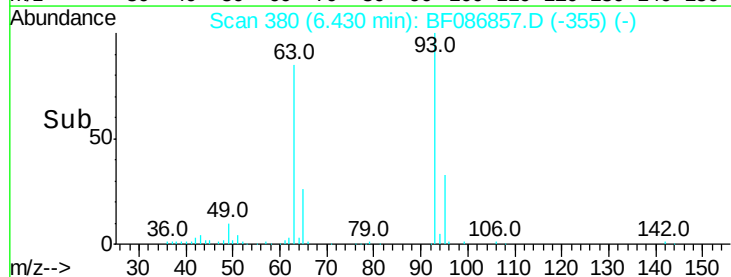
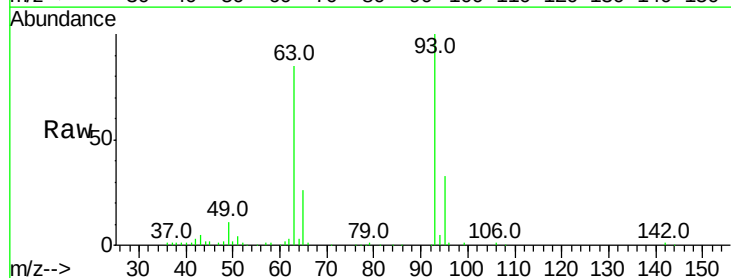
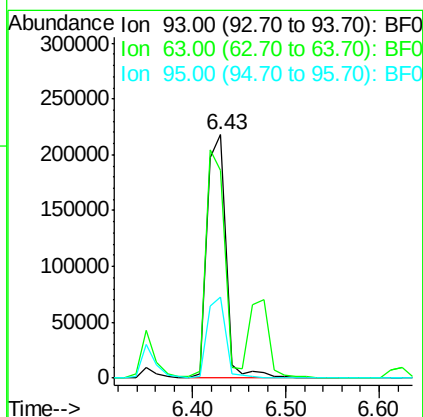
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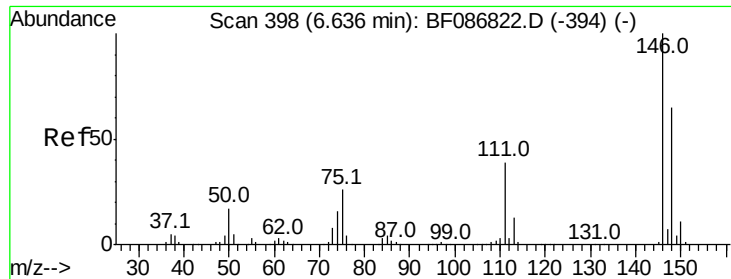
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#11
bis(2-Chloroethyl)ether
Concen: 23.79 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.1	58.0	98.0
95	33.2	11.9	51.9





#12

1,3-Dichlorobenzene

Concen: 40.62 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

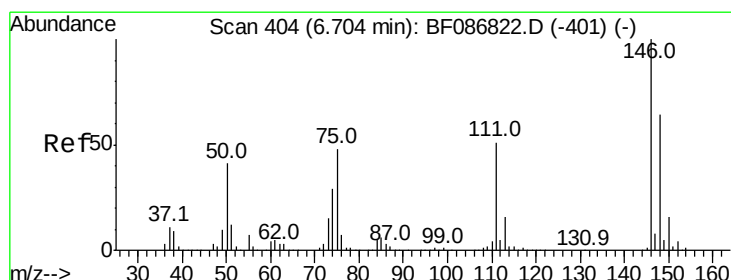
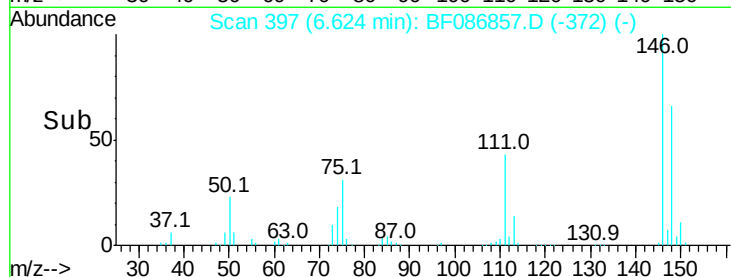
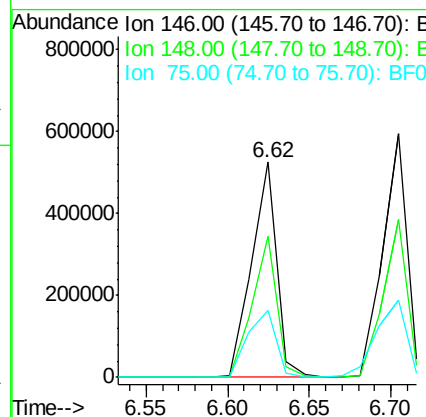
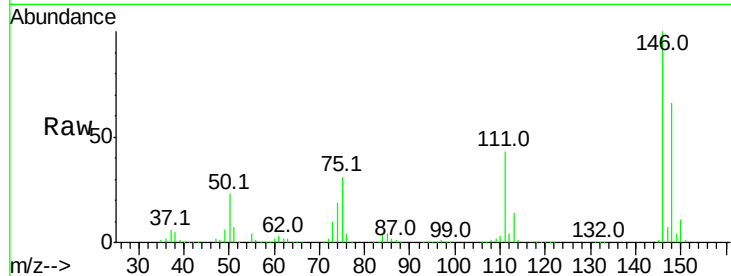
ClientSampleId :

PT-BNA-SOILD

Tot Ion:	146	Resp:	558780
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.4	78.6
75	31.3	22.8	34.2

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#13

1,4-Dichlorobenzene

Concen: 44.61 ng

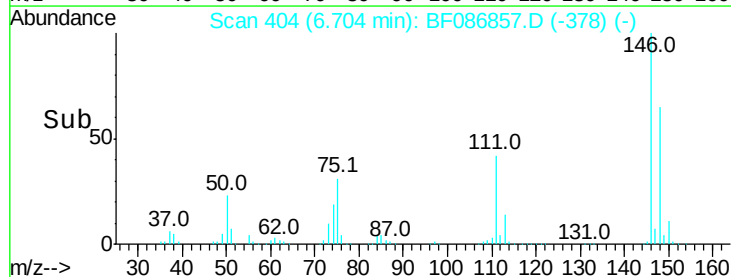
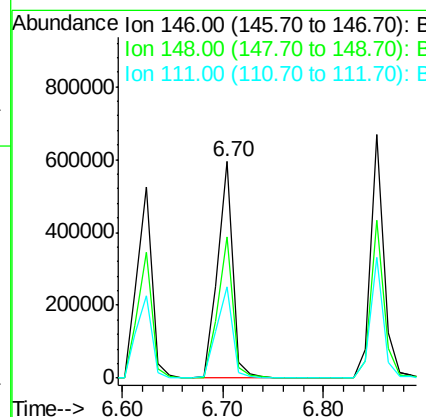
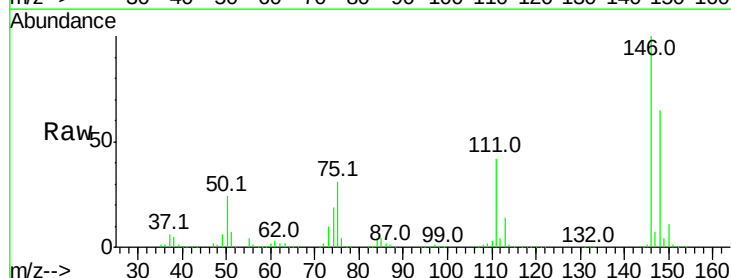
RT: 6.70 min Scan# 404

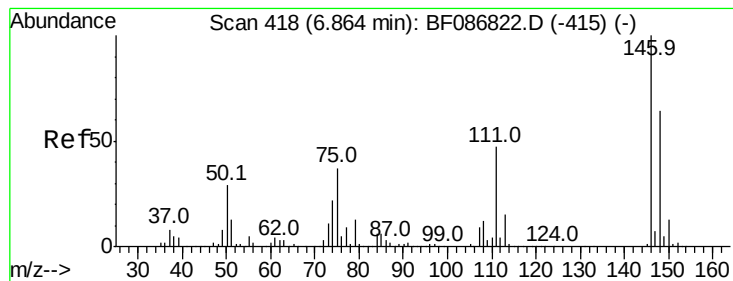
Delta R.T. -0.00 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion:	146	Resp:	625705
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.4
111	42.4	30.7	46.1





#14

1,2-Dichlorobenzene

Concen: 50.40 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

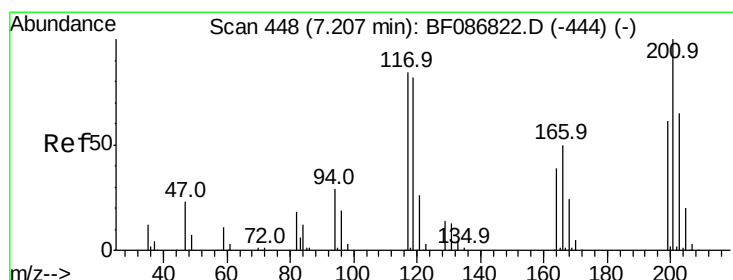
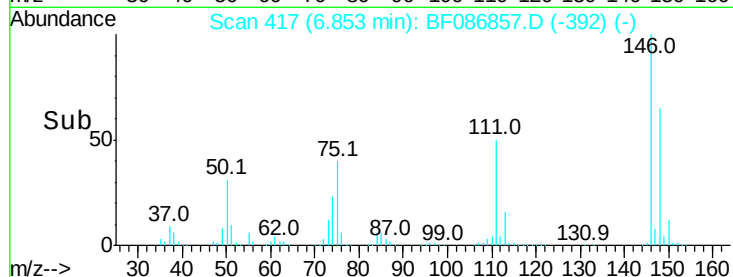
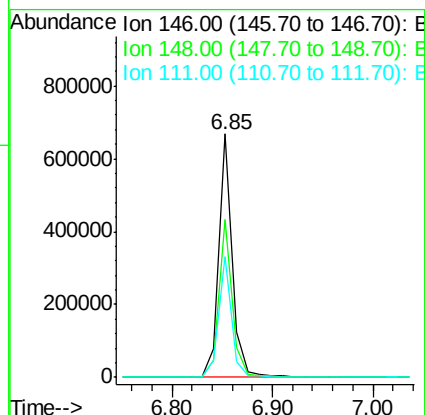
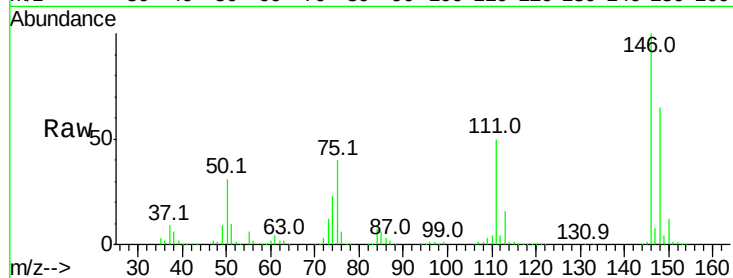
ClientSampleId :

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Tot Ion:	146	Resp:	616208
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.6
111	49.8	36.2	54.4

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#18

Hexachloroethane

Concen: 44.69 ng

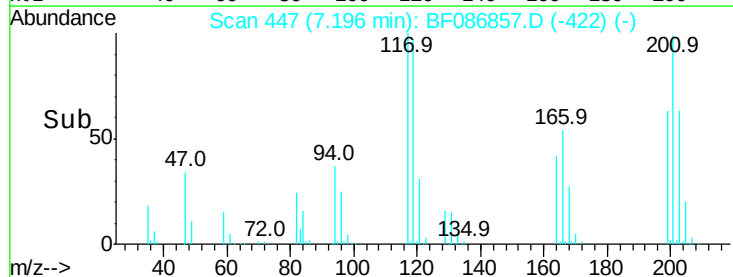
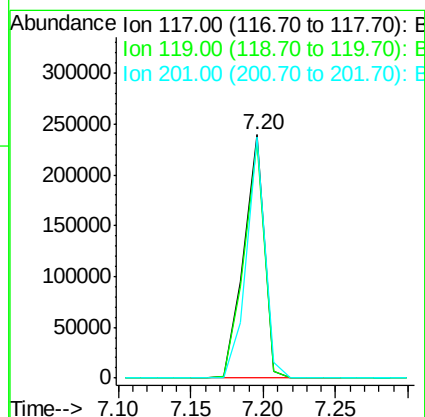
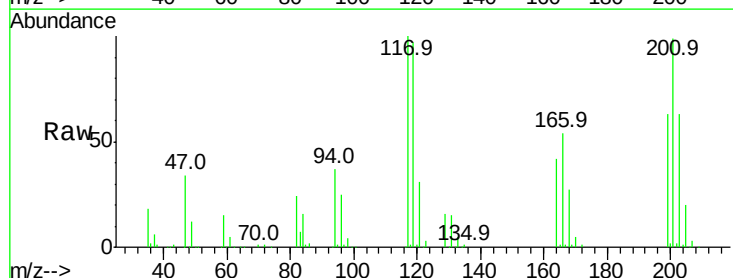
RT: 7.20 min Scan# 447

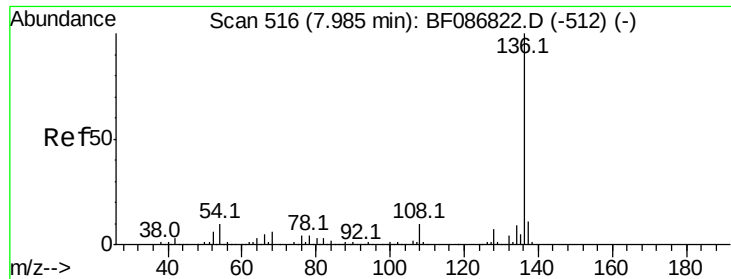
Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion:	117	Resp:	235881
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.5	114.7
201	99.1	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: BF086857.D

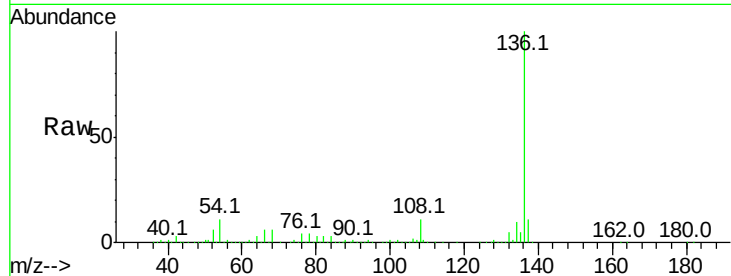
Acq: 10 May 2016 13:56

Instrument :

BNA_F

ClientSampleId :

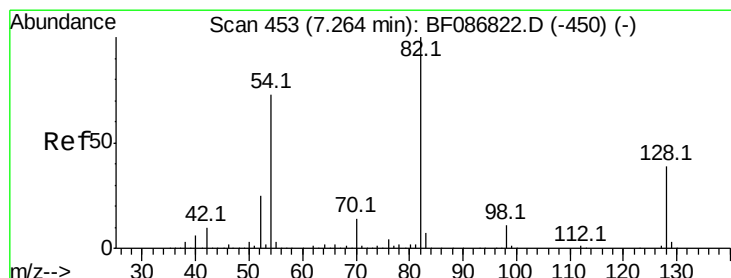
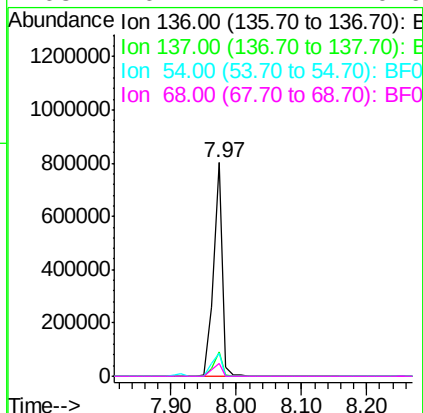
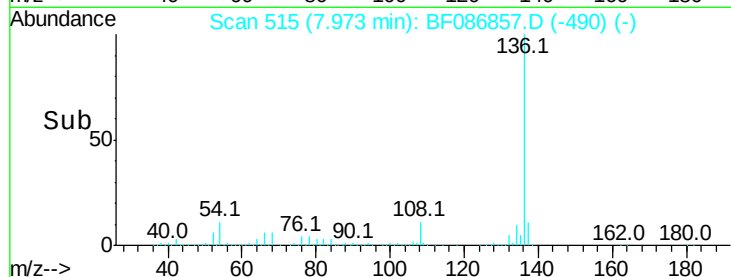
PT-BNA-SOILD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.8	13.2		
54	10.8	5.0	7.4#		
68	6.2	4.4	6.6		

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#23

Nitrobenzene-d5

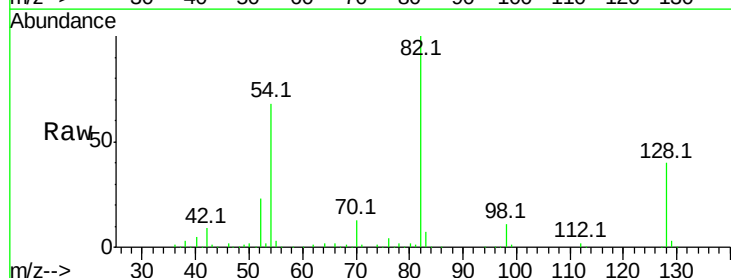
Concen: 15.18 ng

RT: 7.25 min Scan# 452

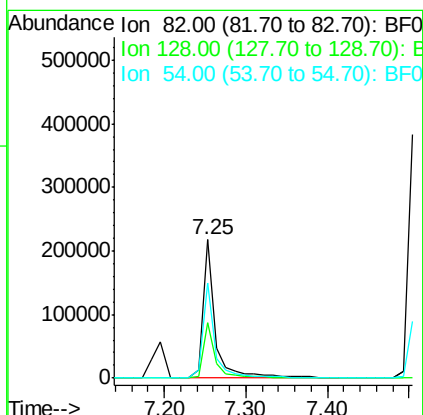
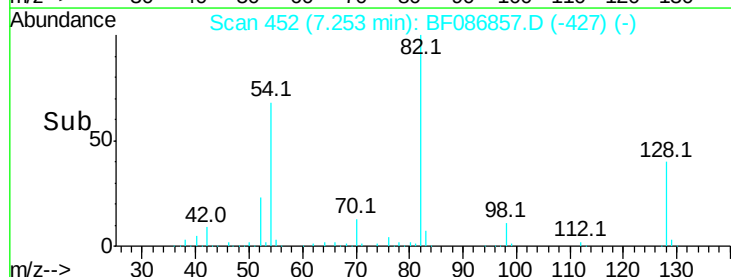
Delta R.T. -0.01 min

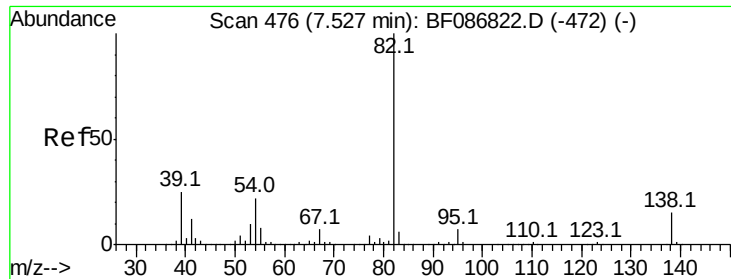
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	40.3	40.6	61.0#		
54	68.3	38.1	57.1#		





#25

Isophorone

Concen: 36.35 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

ClientSampled :

PT-BNA-SOILD

Tot Ion: 82 Resp: 1033983

Ion Ratio Lower Upper

82 100

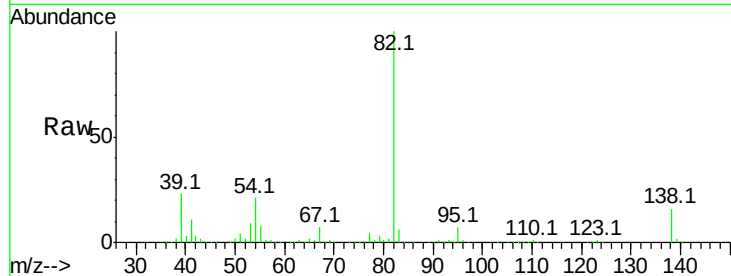
95 7.4 5.1 7.7

138 16.3 12.4 18.6

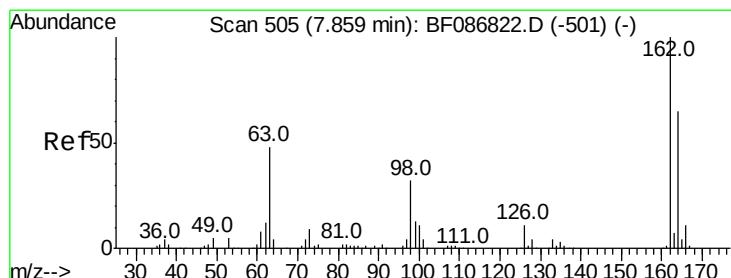
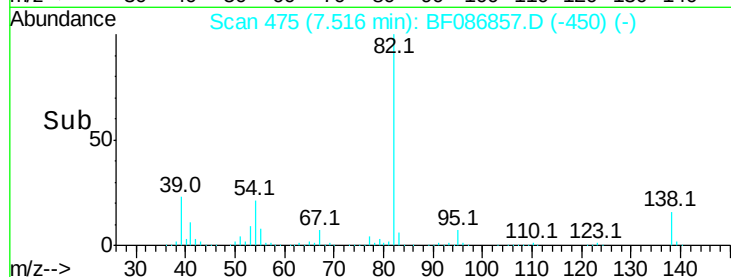
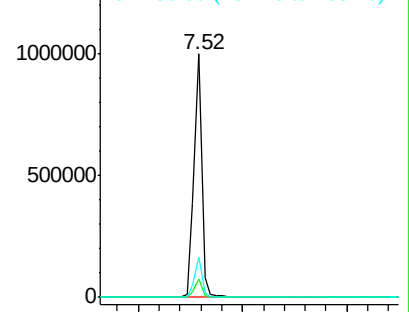
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#29

2,4-Dichlorophenol

Concen: 15.57 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

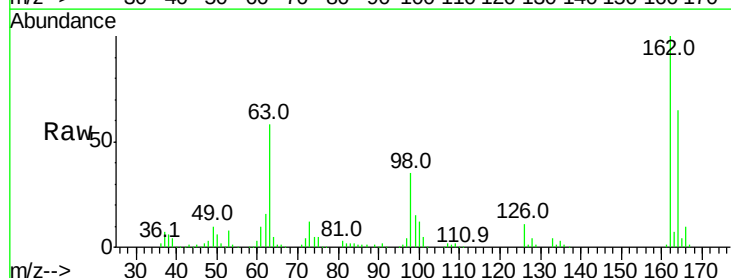
Tgt Ion: 162 Resp: 161820

Ion Ratio Lower Upper

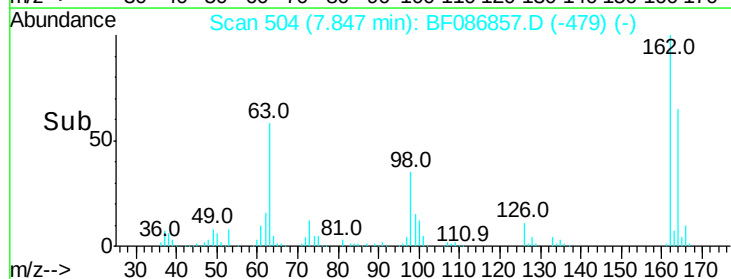
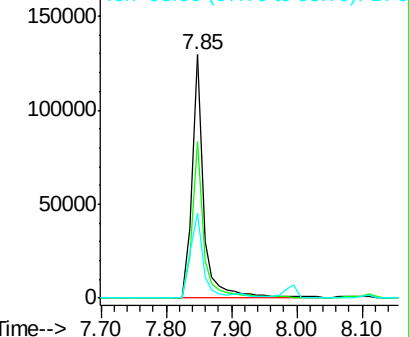
162 100

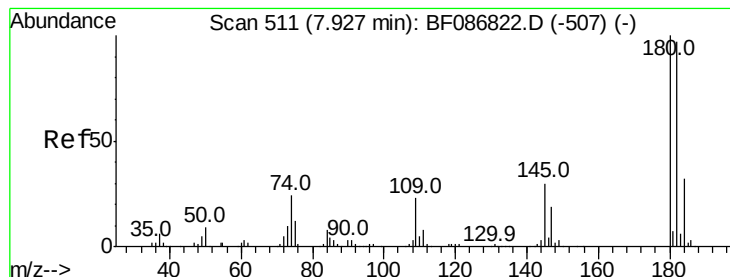
164 64.5 42.2 82.2

98 34.9 19.0 59.0



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





#30

1,2,4-Trichlorobenzene

Concen: 30.59 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

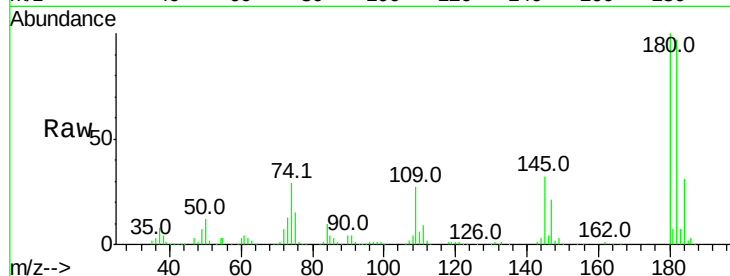
ClientSampled :

PT-BNA-SOILDL

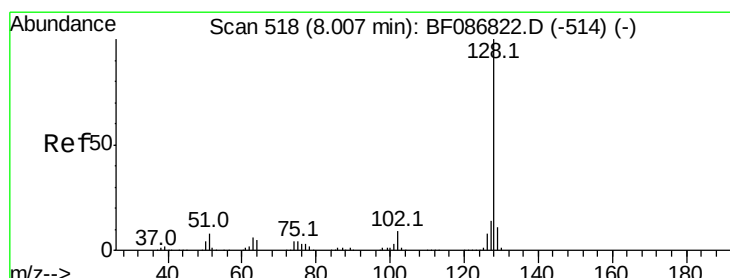
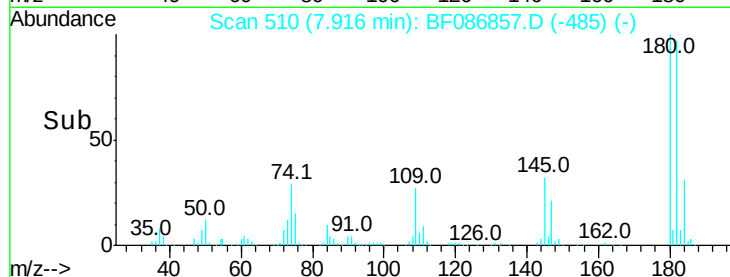
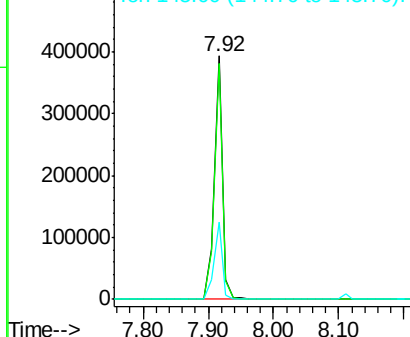
Tot Ion:	180	Resp:	355433
Ion Ratio	Lower	Upper	
180	100		
182	96.8	78.0	117.0
145	31.7	24.2	36.2

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



#31

Naphthalene

Concen: 14.64 ng

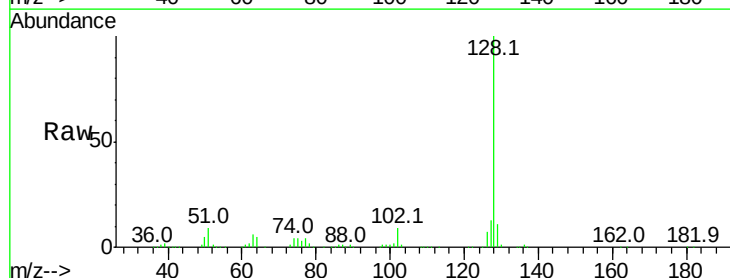
RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

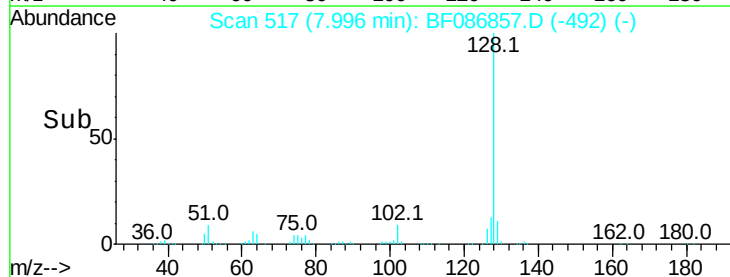
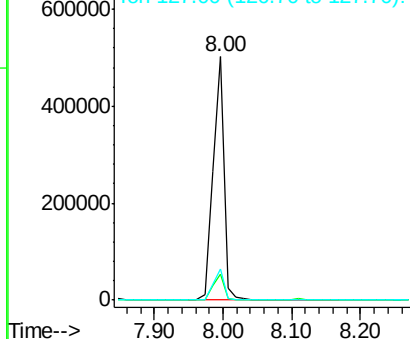
Lab File: BF086857.D

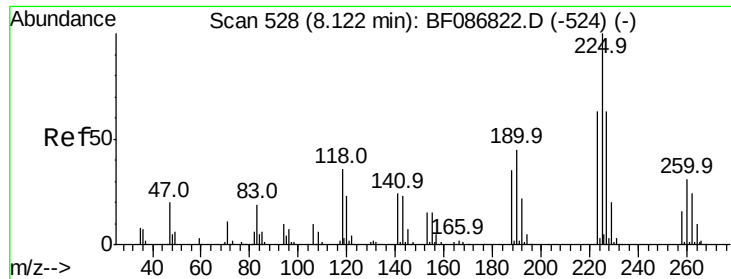
Acq: 10 May 2016 13:56

Tgt Ion:	128	Resp:	564302
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	13.0
127	13.0	10.8	16.2



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





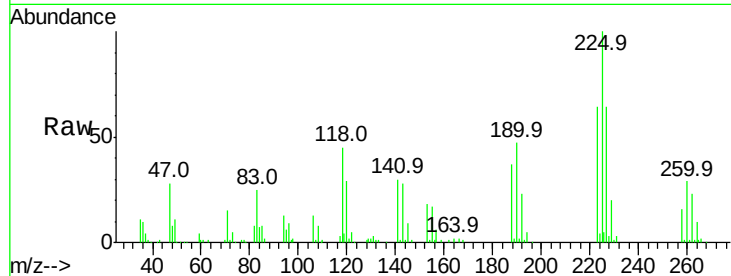
#34
Hexachlorobutadiene
Concen: 14.57 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	98248		
223	64.1		51.5	77.3
227	63.5		52.2	78.2

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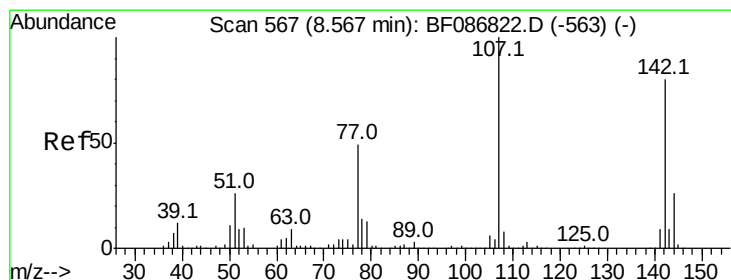
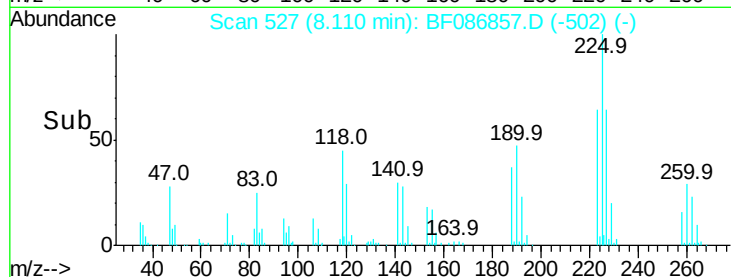
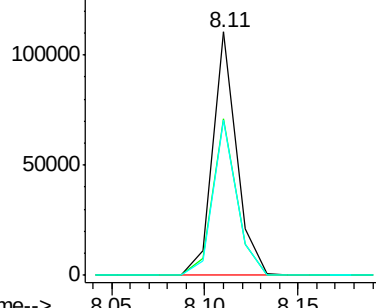


Abundance

Ion 225.00 (224.70 to 225.70): E

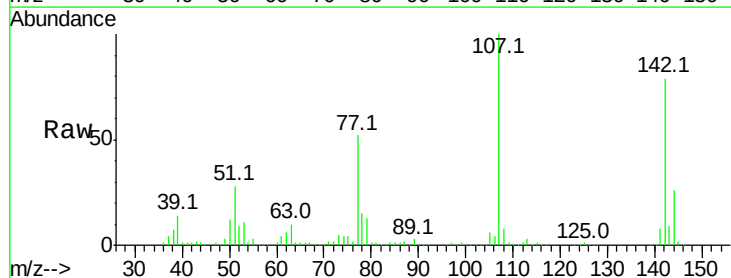
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36
4-Chloro-3-methylphenol
Concen: 36.11 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	455157		
144	25.9		20.7	31.1
142	78.8		63.2	94.8

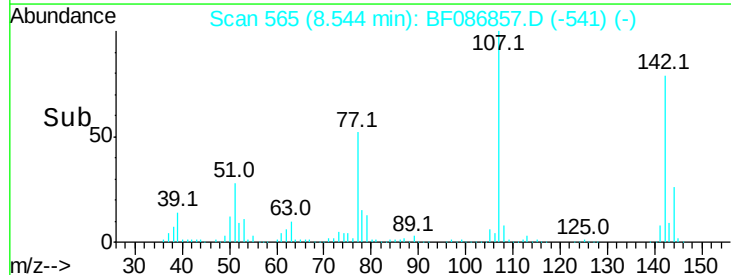
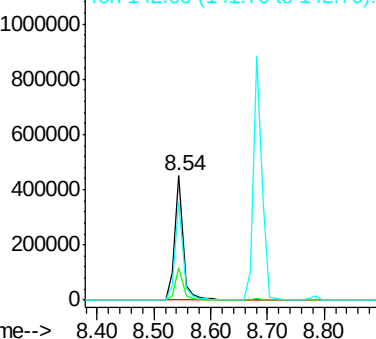


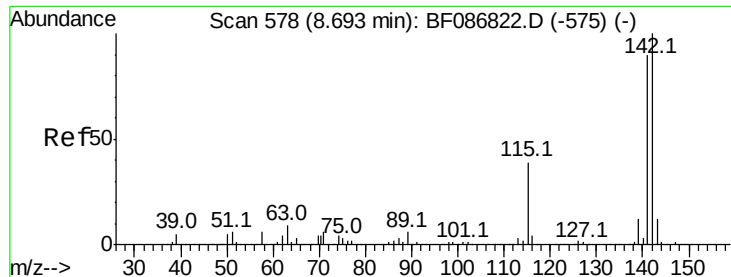
Abundance

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





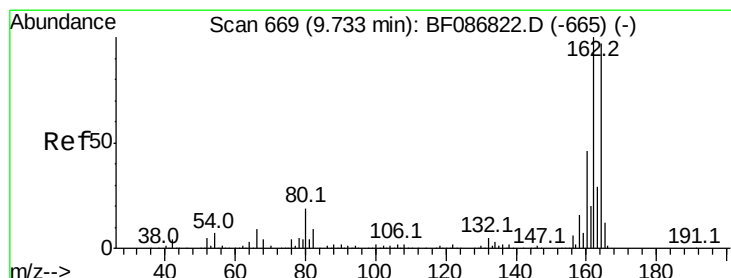
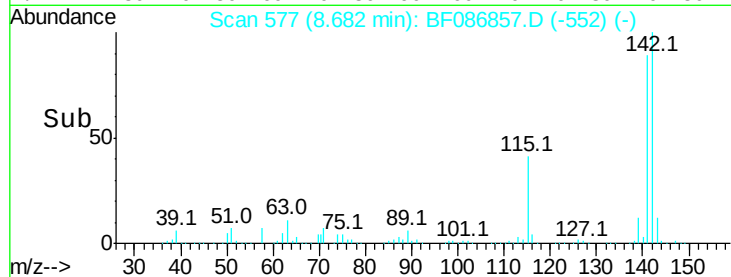
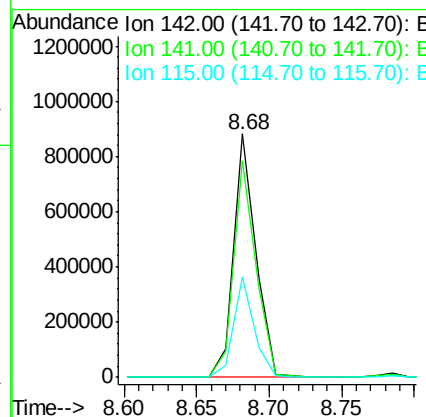
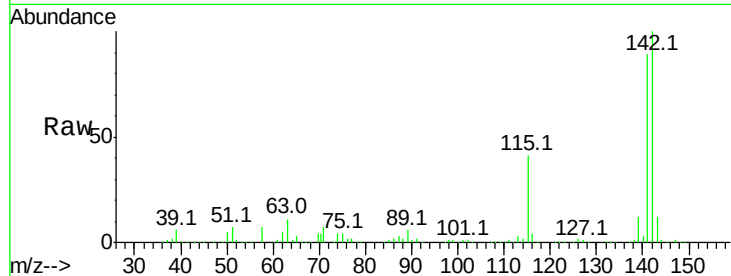
#37
 2-Methylnaphthalene
 Concen: 41.47 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	41.0	26.6	39.8

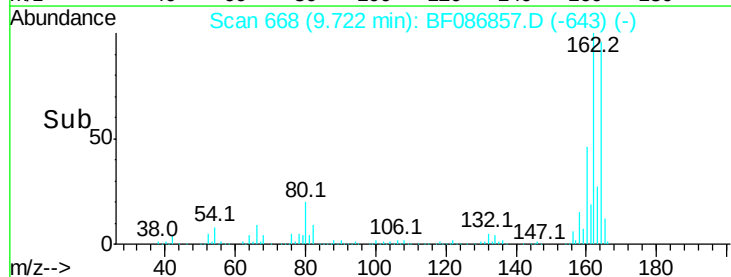
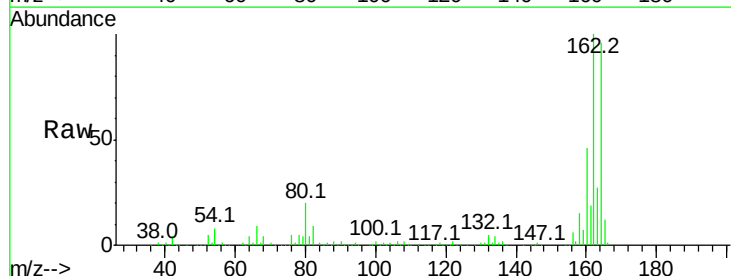
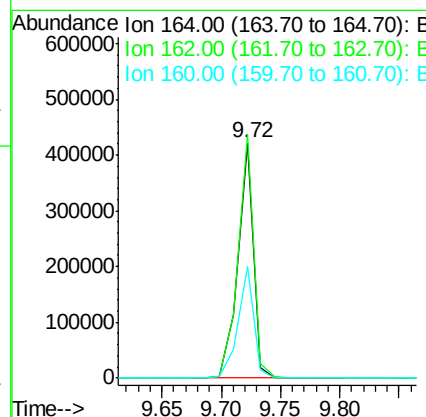
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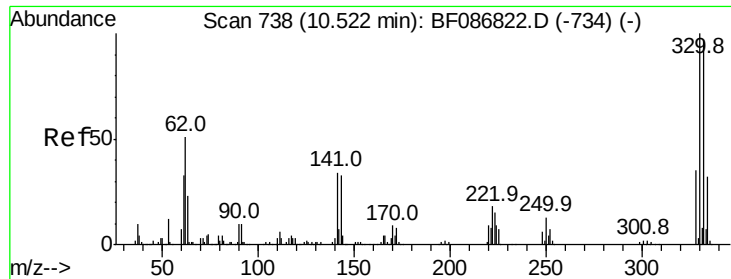
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.7	36.9	55.3





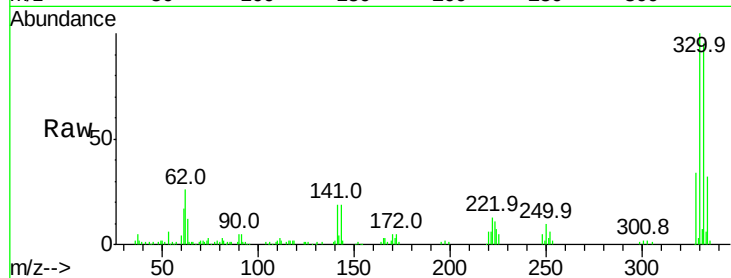
#41
 2,4,6-Tribromophenol
 Concen: 24.64 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

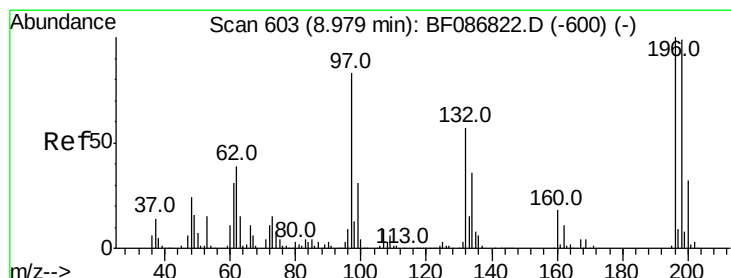
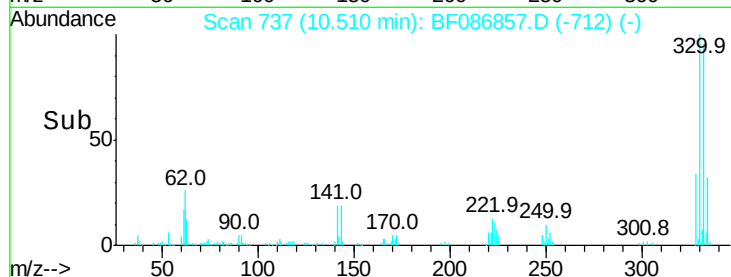
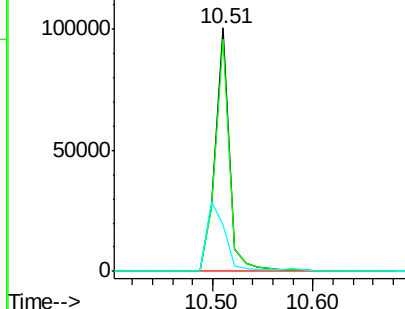
Tot Ion	Ratio	Resp	Lower	Upper
330	100	100388		
332	95.7	79.0	118.4	
141	36.9	31.2	46.8	

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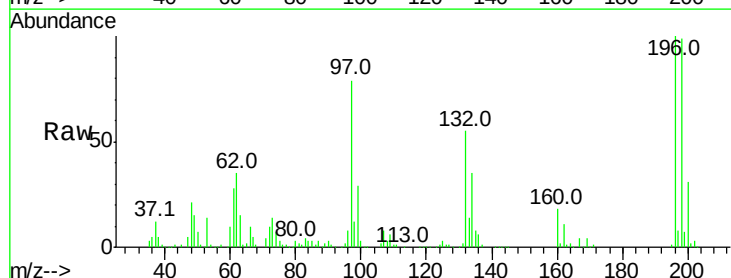


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

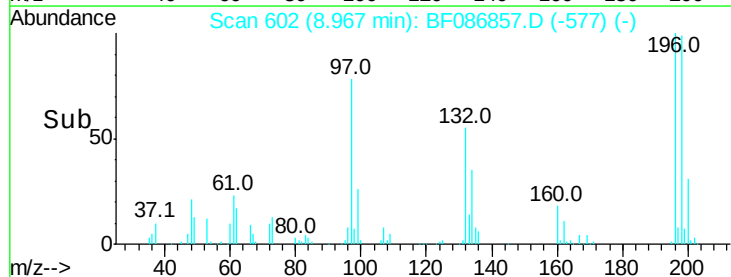
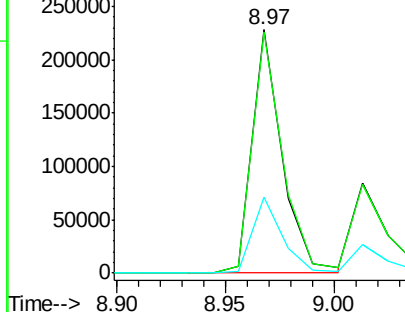


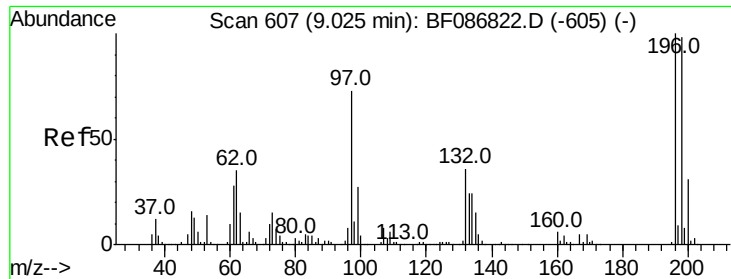
#42
 2,4,6-Trichlorophenol
 Concen: 29.20 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218434		
198	99.1	74.7	112.1	
200	31.3	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





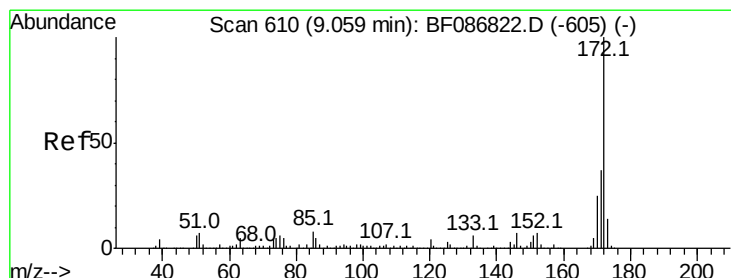
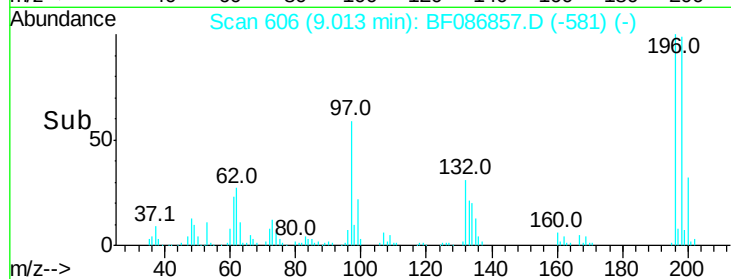
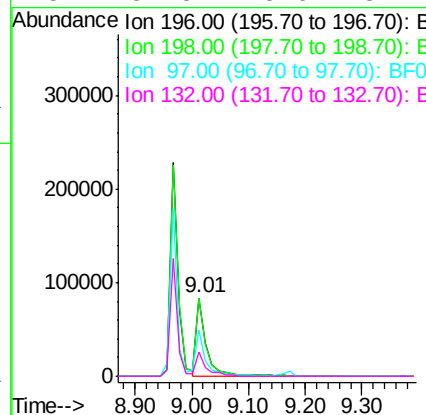
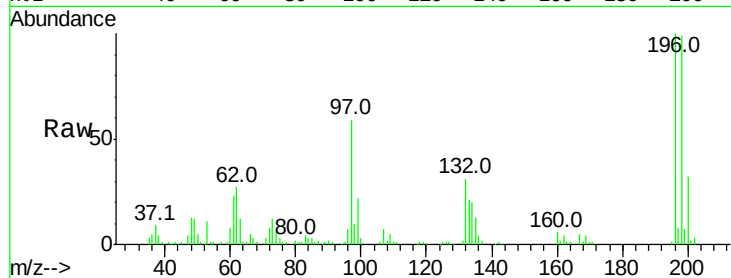
#43
 2,4,5-Trichlorophenol
 Concen: 13.85 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107173		
198	99.5	77.5	116.3	
97	58.8	34.8	52.2	
132	31.3	23.0	34.4	

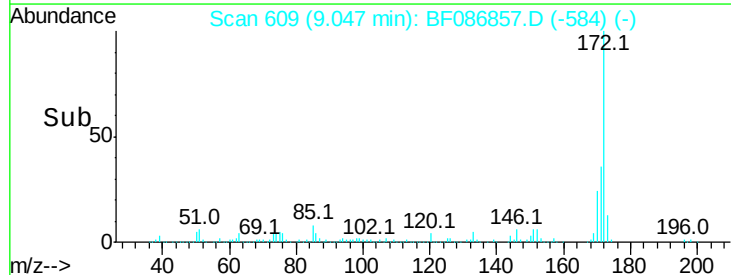
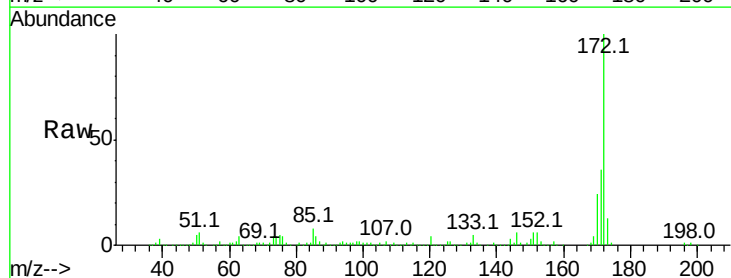
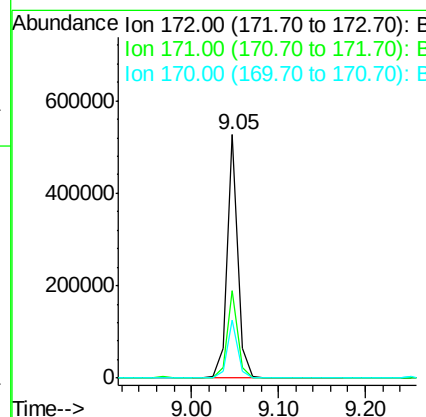
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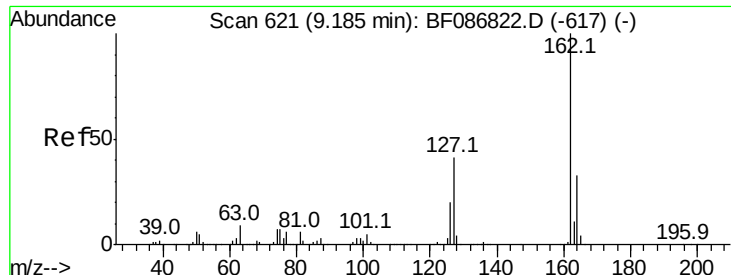
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#44
 2-Fluorobiphenyl
 Concen: 20.03 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	458592		
171	35.9	29.0	43.6	
170	23.8	19.8	29.8	





#46

2-Chloronaphthalene

Concen: 22.59 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

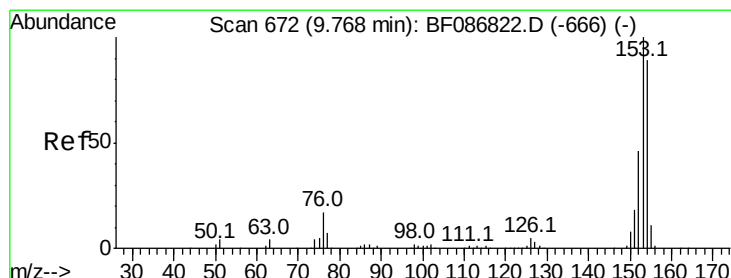
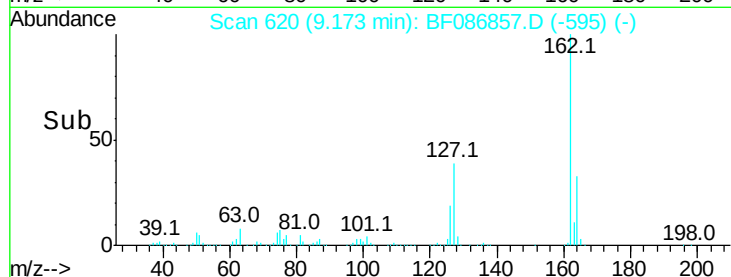
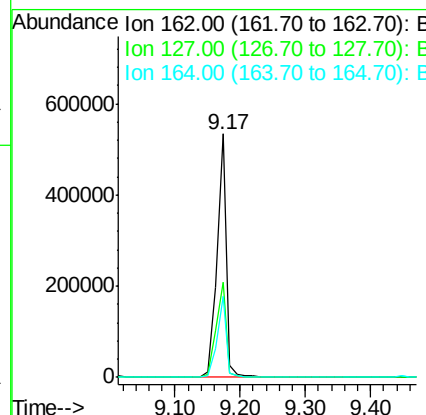
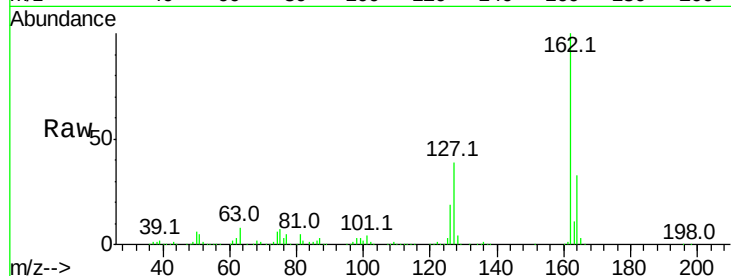
ClientSampleId :

PT-BNA-SOILD

Tot Ion:	162	Resp:	541718
Ion Ratio	Lower	Upper	
162	100		
127	39.2	31.8	47.6
164	33.3	27.0	40.6

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#51

Acenaphthene

Concen: 21.21 ng

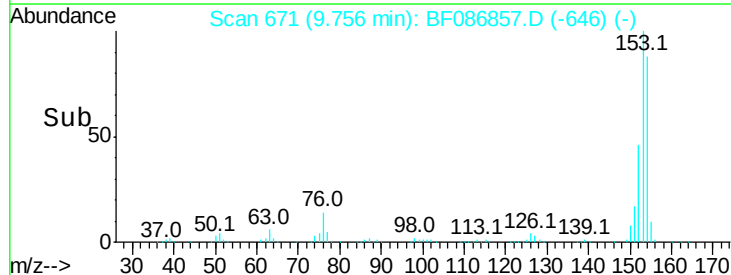
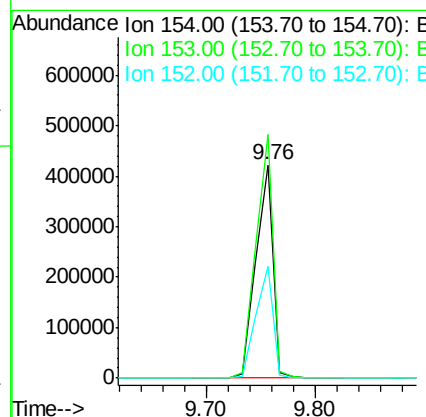
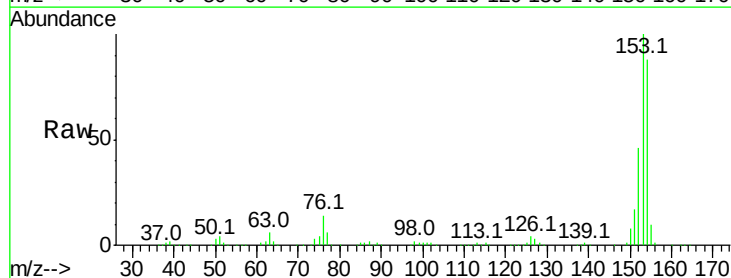
RT: 9.76 min Scan# 671

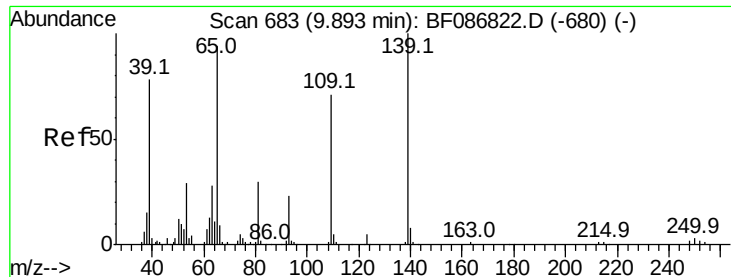
Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion:	154	Resp:	465299
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	52.7	43.4	65.0





#55

4-Nitrophenol

Concen: 35.92 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

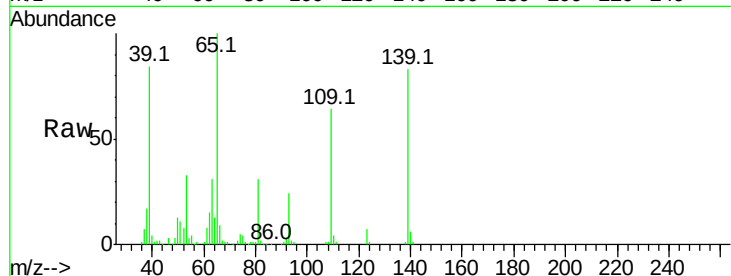
ClientSampleId :

PT-BNA-SOILD

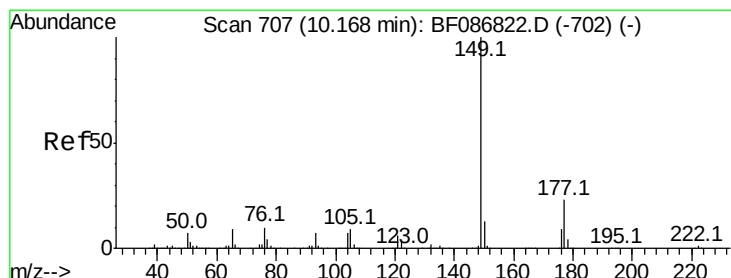
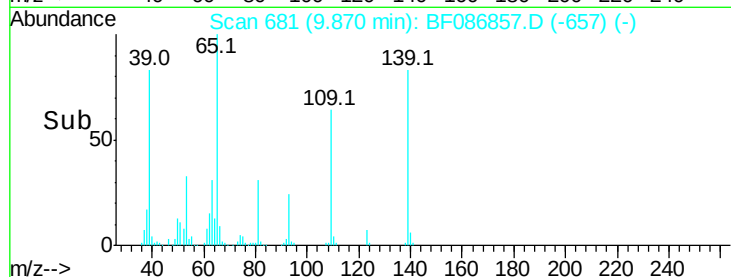
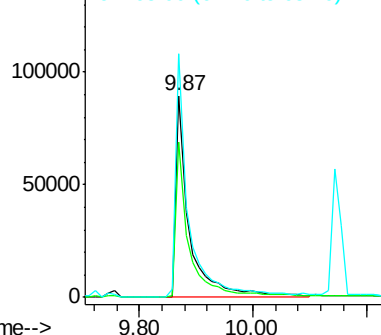
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Tot Ion:139	Resp:	144229
Ion Ratio	Lower	Upper
139 100		
109 76.9	36.9	76.9
65 120.8	64.0	104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



#59

Diethylphthalate

Concen: 19.46 ng

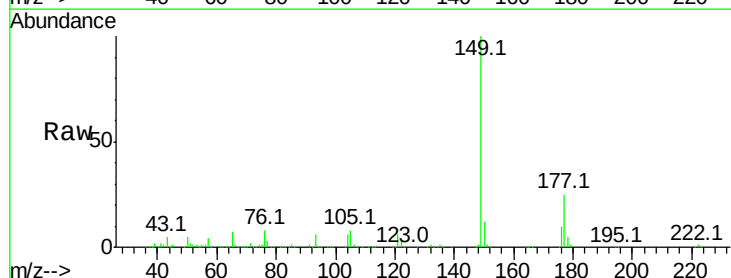
RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

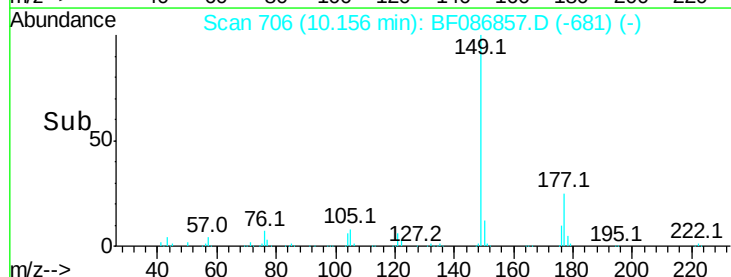
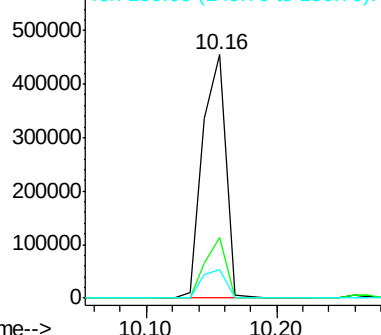
Lab File: BF086857.D

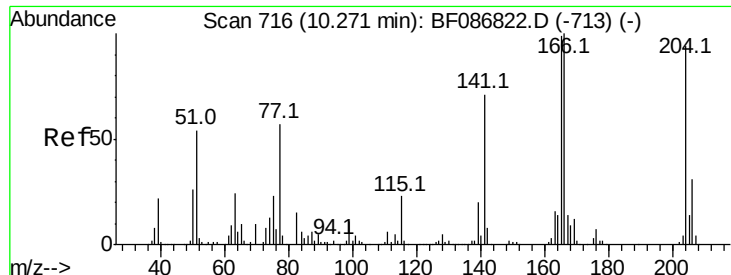
Acq: 10 May 2016 13:56

Tgt Ion:149	Resp:	556774
Ion Ratio	Lower	Upper
149 100		
177 24.7	16.6	24.8
150 11.8	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





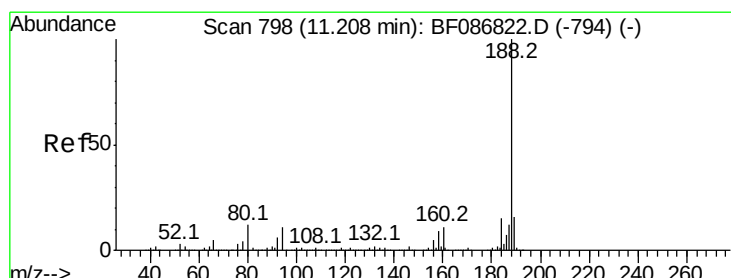
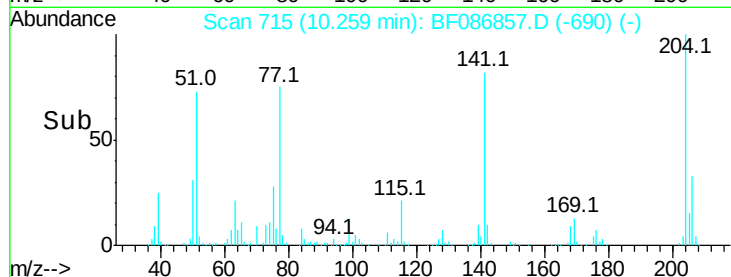
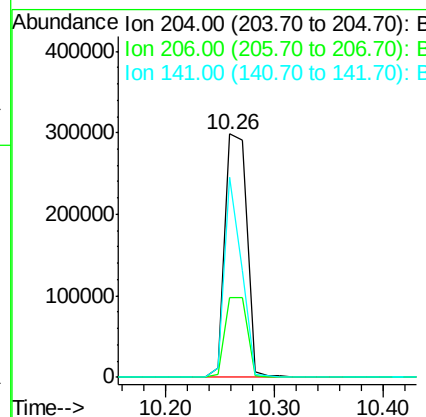
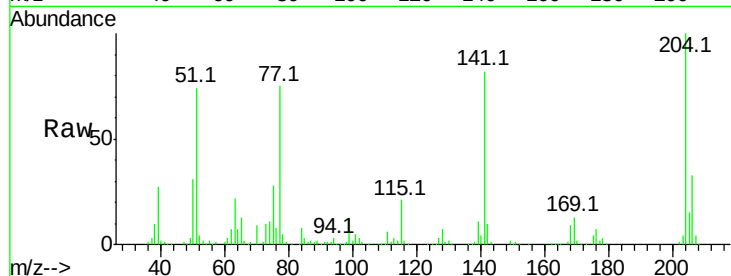
#60
 4-Chlorophenyl-phenylether
 Concen: 39.05 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion:	204	Resp:	421873
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.4	38.0
141	82.2	61.6	92.4

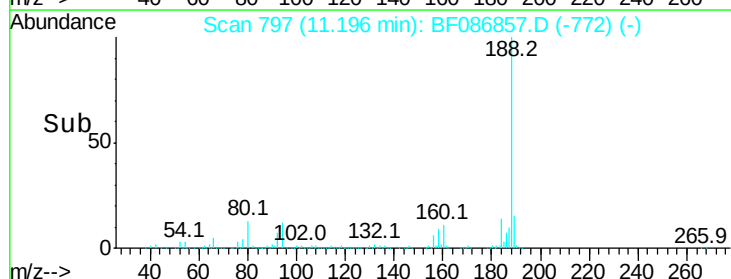
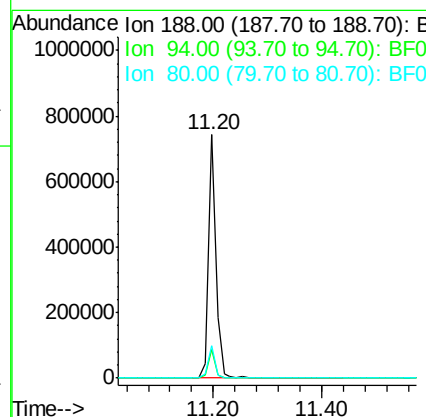
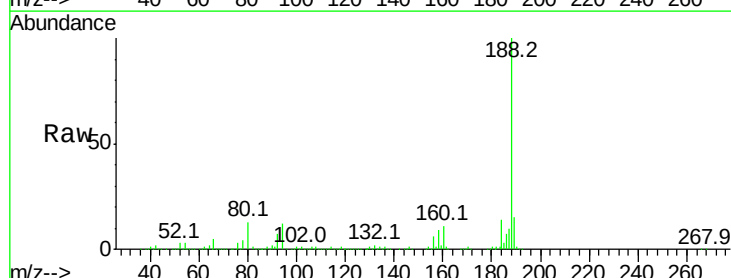
Manual Integrations
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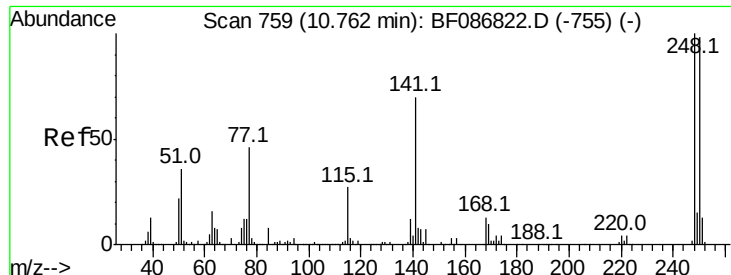
sohil
 5/11/2016 8:14:58 PM



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion:	188	Resp:	689324
Ion Ratio	Lower	Upper	
188	100		
94	11.8	6.8	10.2#
80	13.4	7.1	10.7#





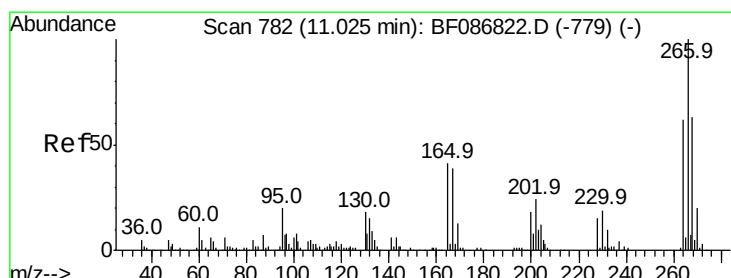
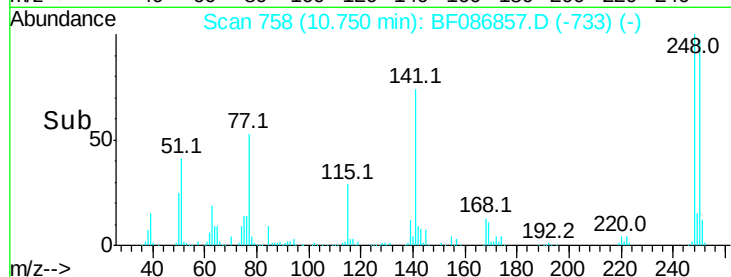
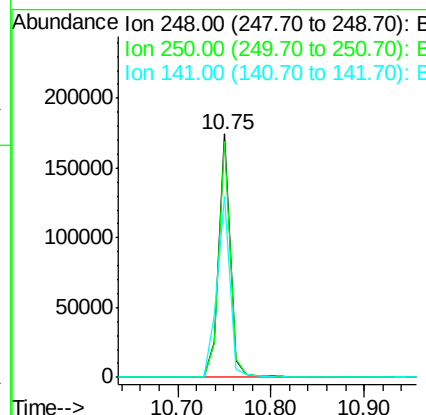
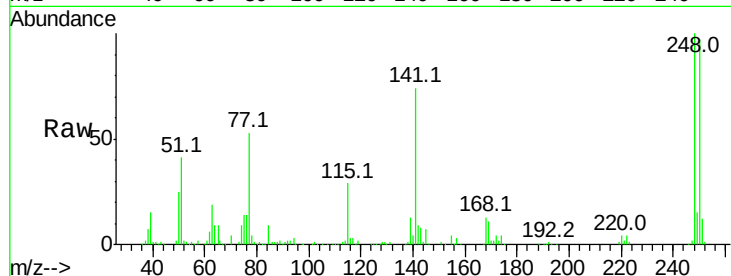
#66
 4-Bromophenyl-phenylether
 Concen: 21.43 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	149740		
250	97.1	78.6	117.8	
141	74.5	76.0	114.0	

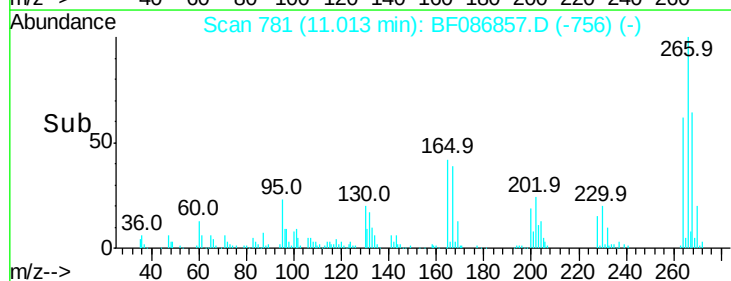
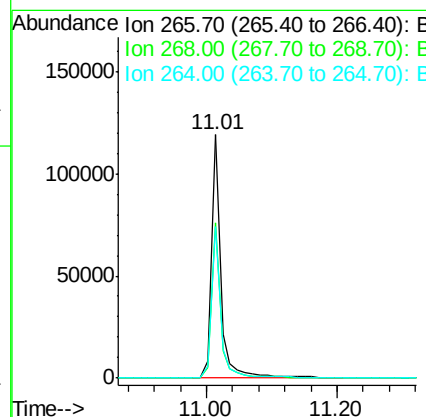
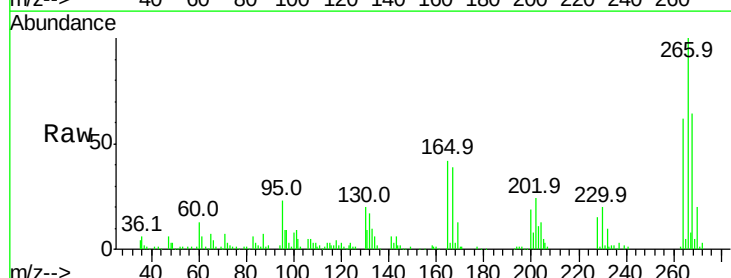
Manual Integrations
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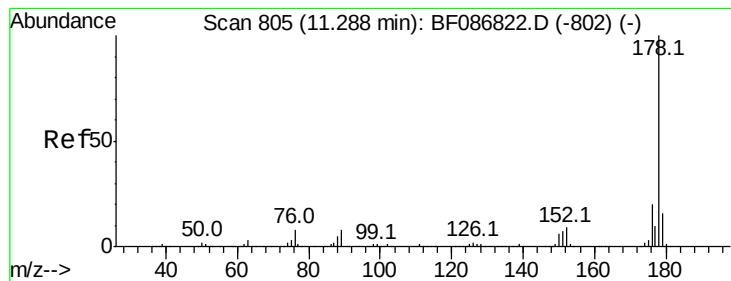
sohil
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#69
 Pentachlorophenol
 Concen: 31.58 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	119196		
268	63.7	51.5	77.3	
264	62.4	52.9	79.3	





#71

Anthracene

Concen: 21.38 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tot Ion:178 Resp: 804522

Ion Ratio Lower Upper

178 100

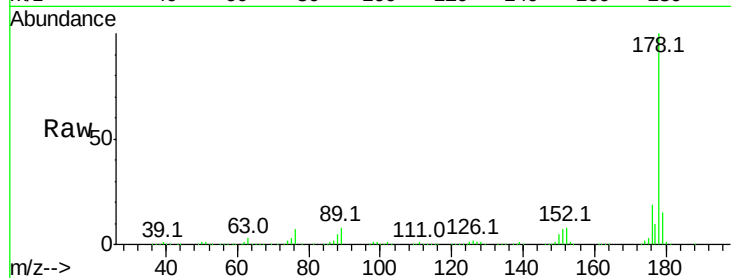
176 19.1 15.6 23.4

179 15.5 12.7 19.1

Manual Integrations
APPROVED

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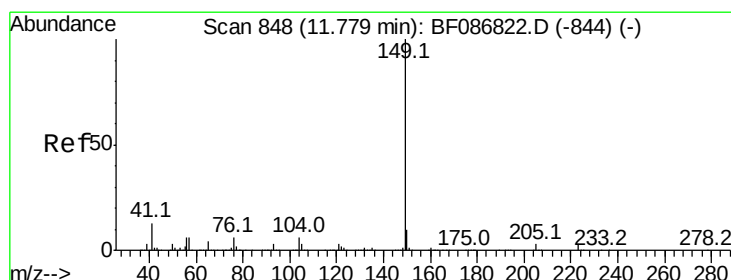
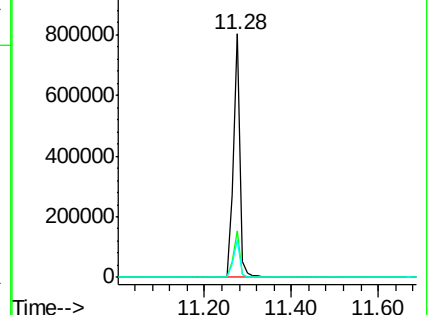
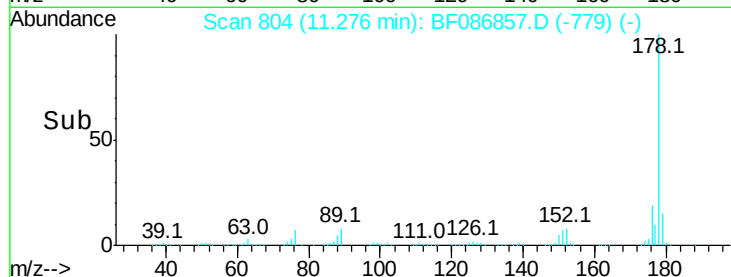
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 31.50 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

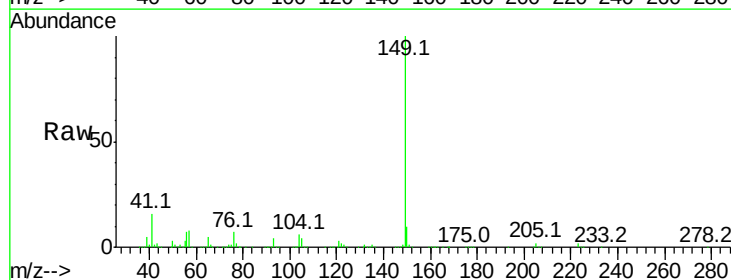
Tgt Ion:149 Resp: 1244155

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

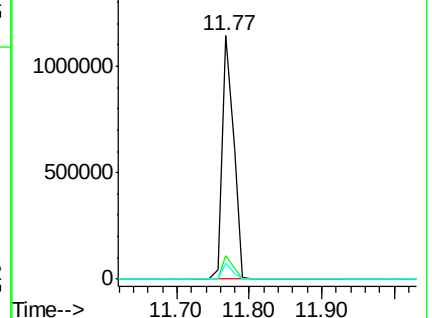
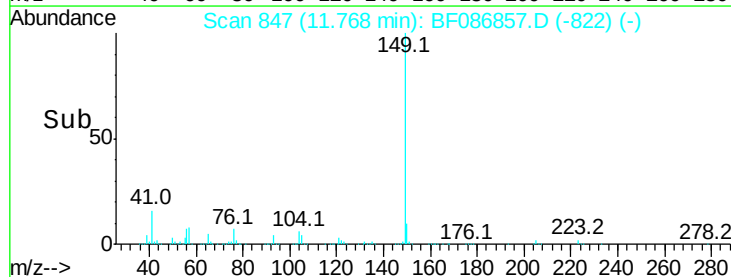
104 6.4 3.8 5.6#

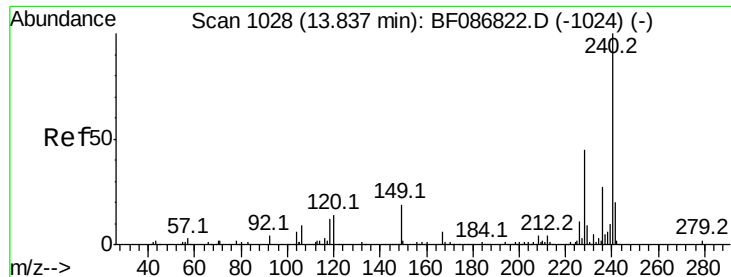


Abundance Ion 149.00 (148.70 to 149.70): E

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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

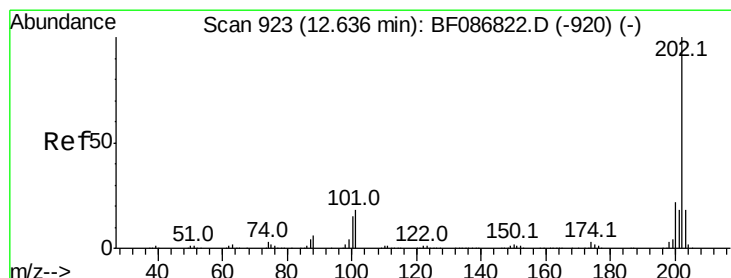
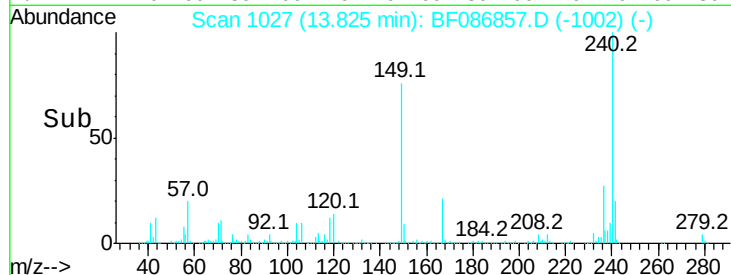
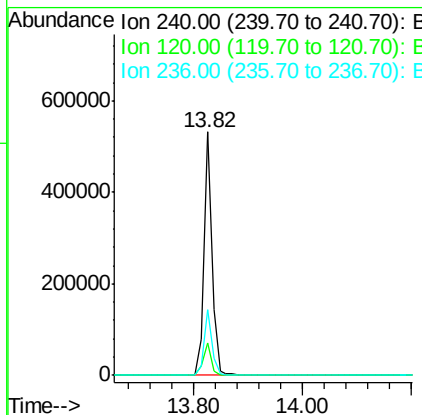
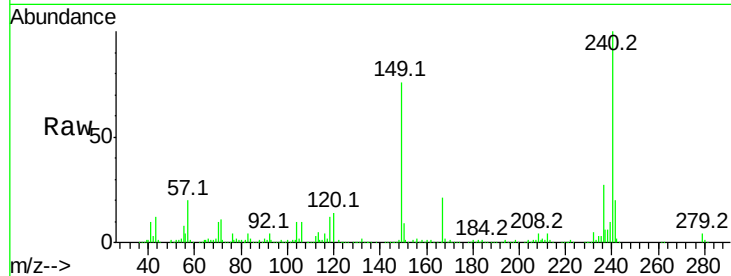
ClientSampleId :

PT-BNA-SOILDL

Tot Ion:	240	Resp:	538365
Ion Ratio	Lower	Upper	
240	100		
120	13.6	11.2	16.8
236	27.0	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 29.84 ng

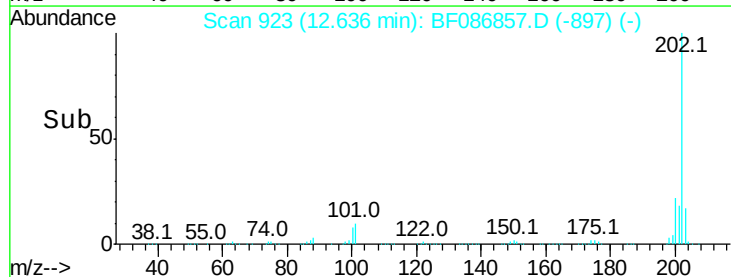
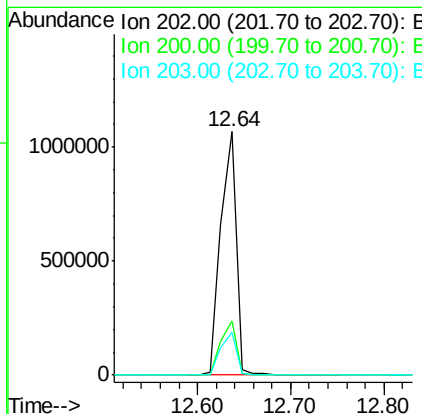
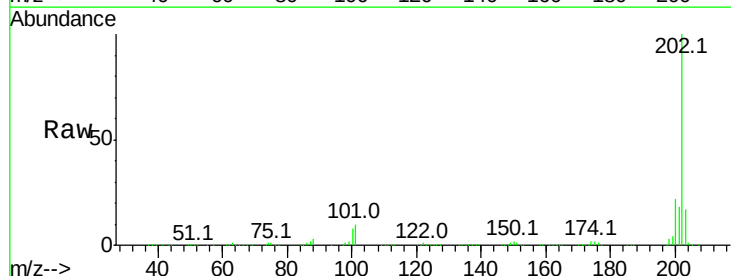
RT: 12.64 min Scan# 923

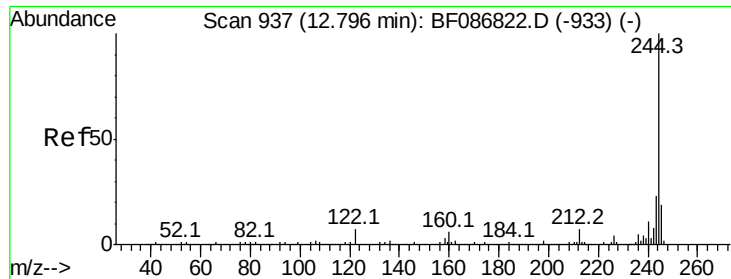
Delta R.T. -0.00 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion:	202	Resp:	1230062
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	17.4	14.2	21.4





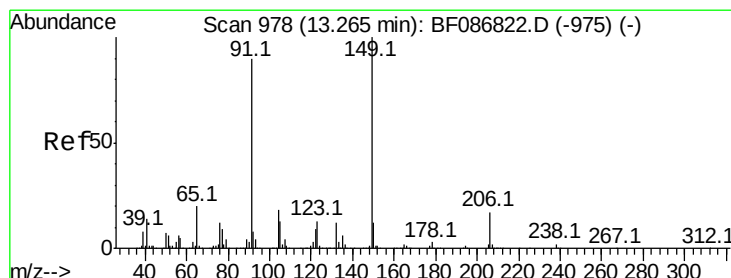
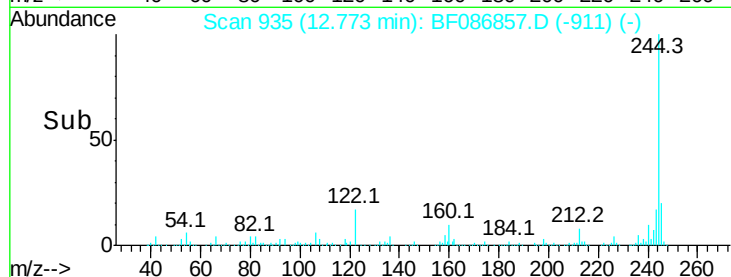
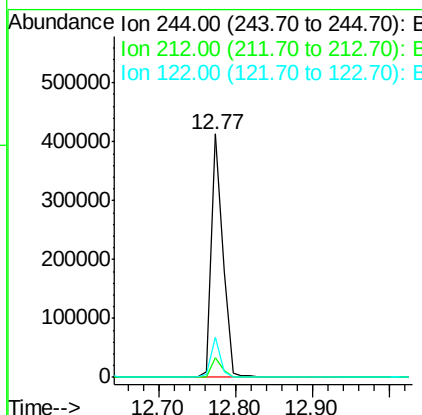
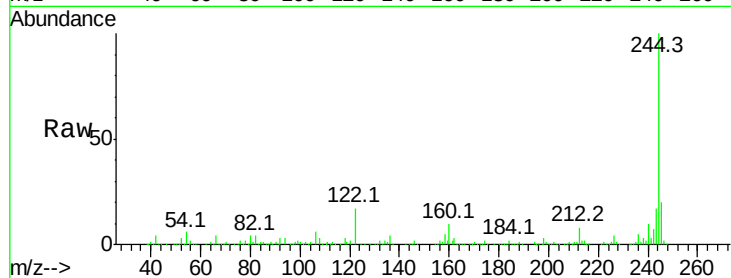
#78
 Terphenyl-d14
 Concen: 16.79 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	16.5	12.0	18.0

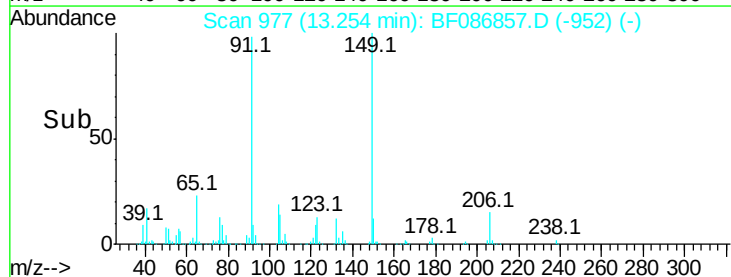
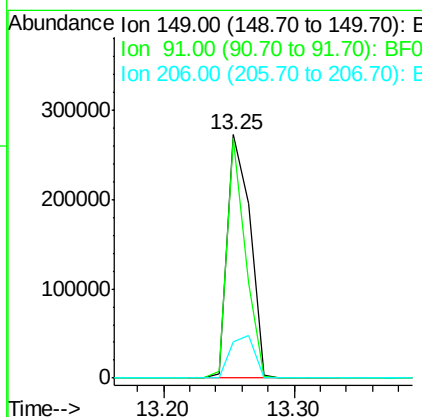
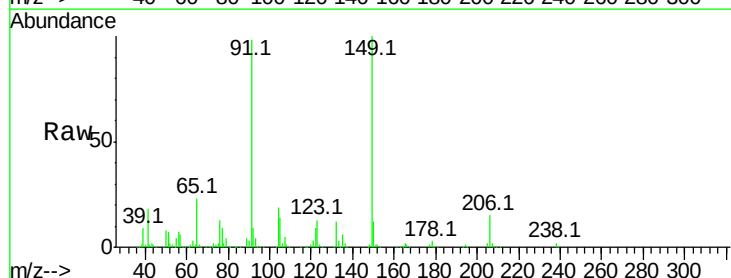
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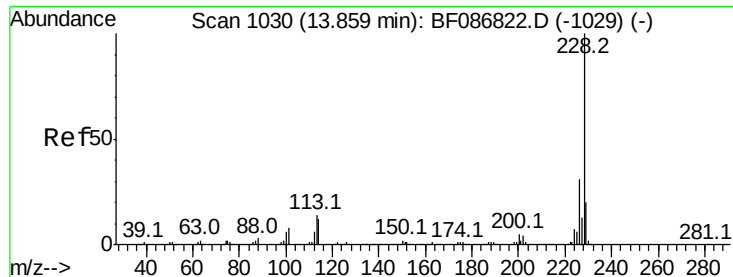
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#79
 Butylbenzylphthalate
 Concen: 18.83 ng
 RT: 13.25 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF086857.D
 Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	98.4	48.0	72.0#
206	14.9	15.8	23.6#





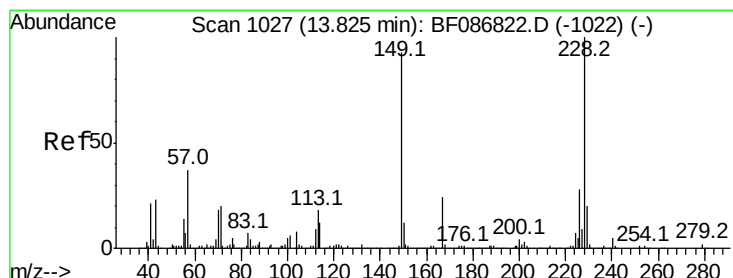
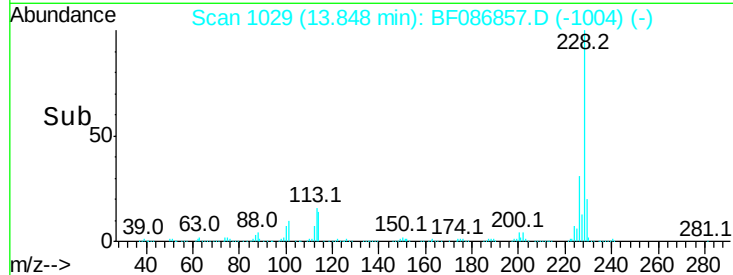
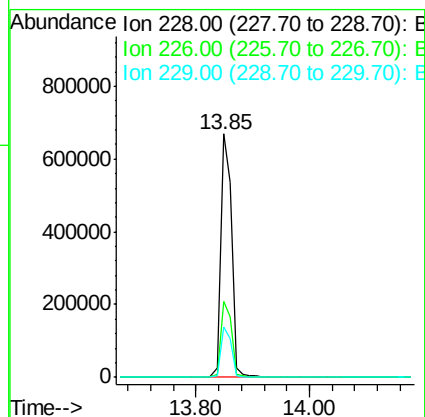
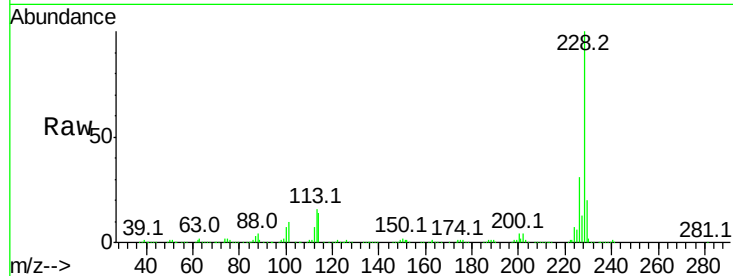
#82
Chrysene
Concen: 28.79 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	884991		
226	31.1	24.4	36.6	
229	20.4	15.8	23.8	

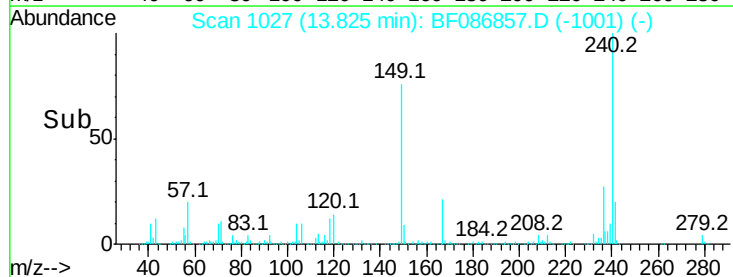
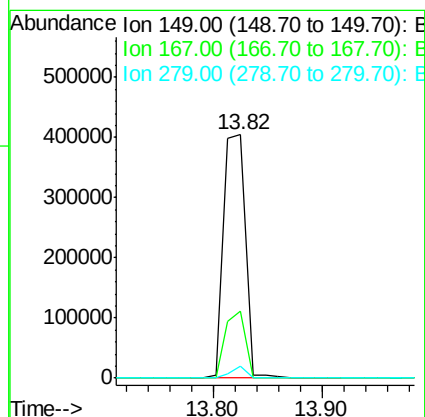
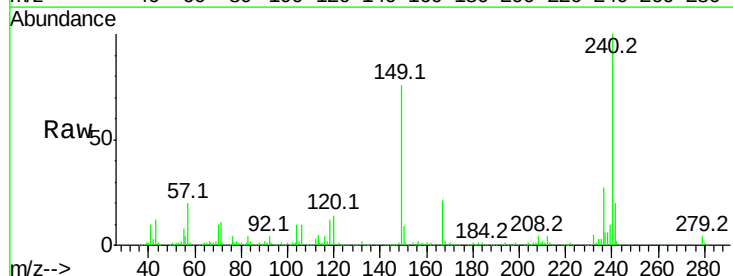
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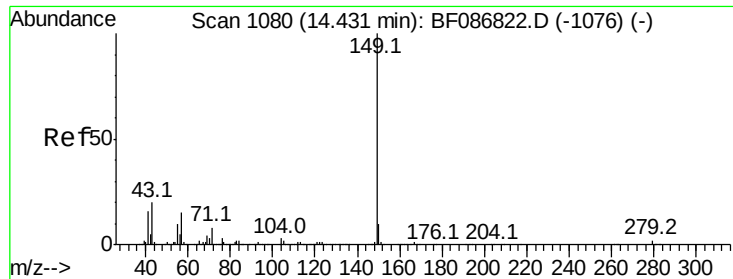
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#83
Bis(2-ethylhexyl)phthalate
Concen: 26.83 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	562696		
167	27.7	21.8	32.6	
279	4.7	2.6	4.0#	





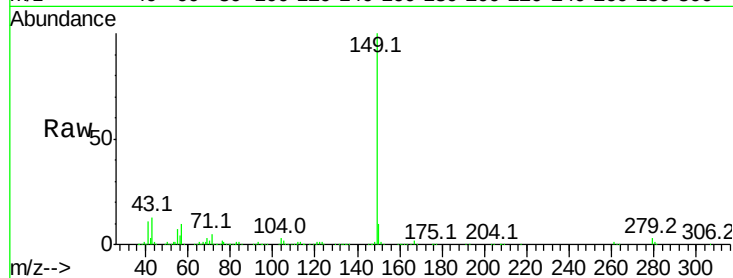
#84
Di-n-octyl phthalate
Concen: 29.89 ng
RT: 14.43 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

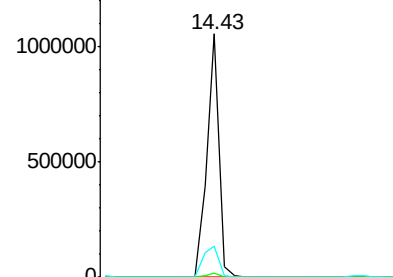
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.6	8.2	12.4

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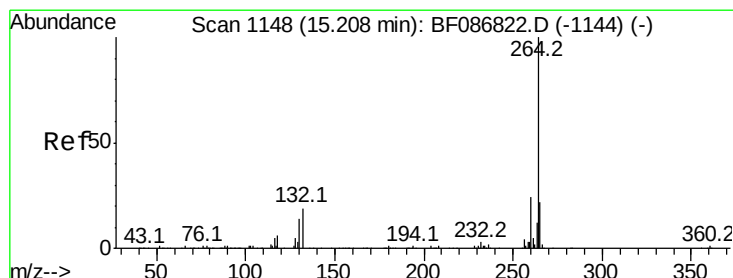
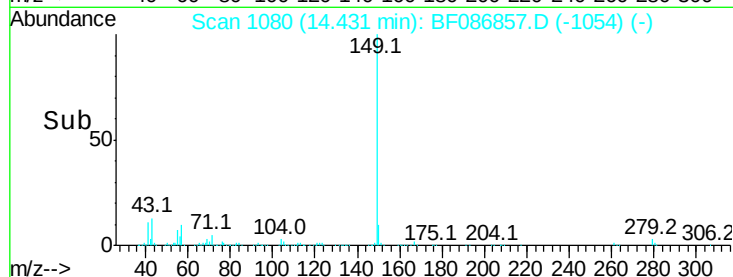
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

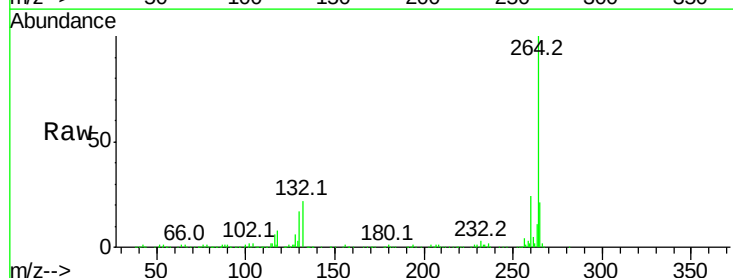


Time--> 14.30 14.40 14.50 14.60

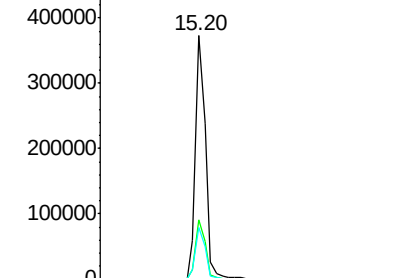


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086857.D
Acq: 10 May 2016 13:56

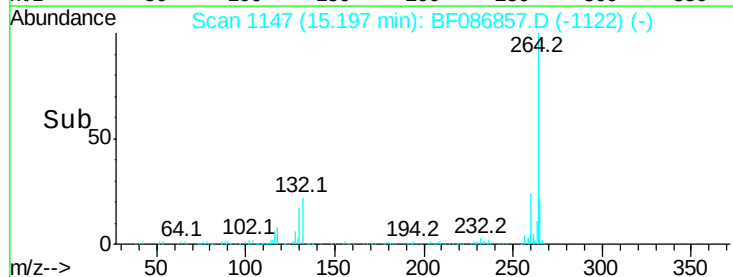
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.3	25.9

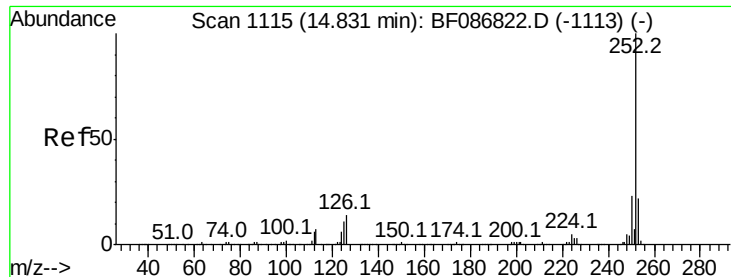


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.20 15.40





#87

Benzo(b)fluoranthene

Concen: 12.96 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

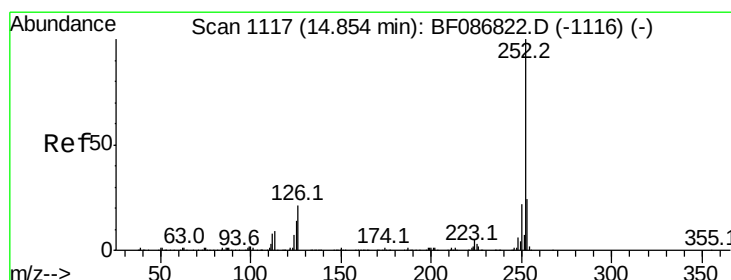
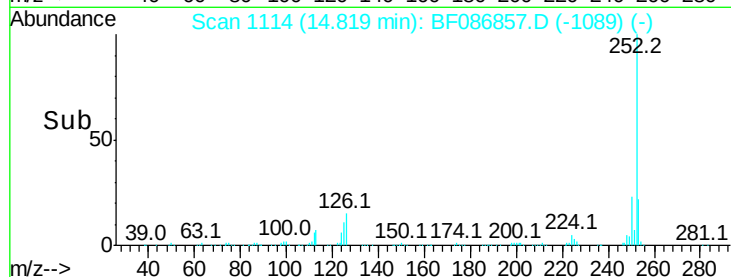
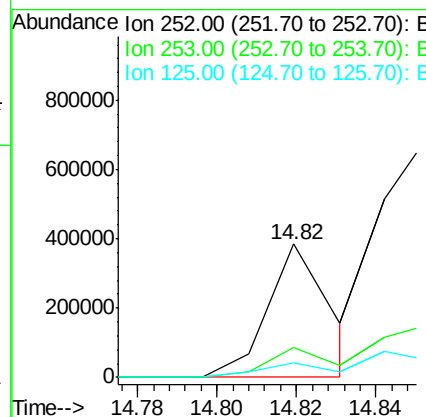
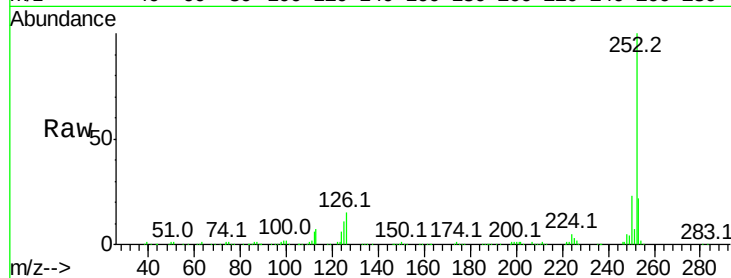
ClientSampleId :

PT-BNA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	418295		
253	22.5	17.8	26.6	
125	11.2	11.4	17.0	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 34.02 ng m

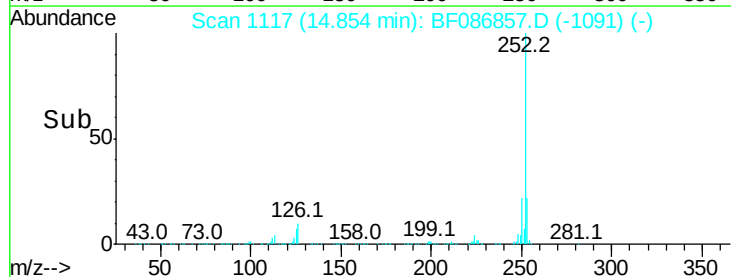
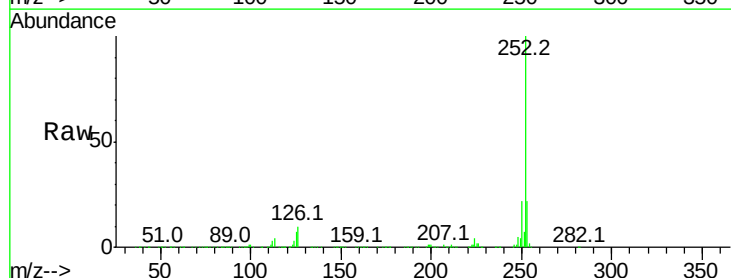
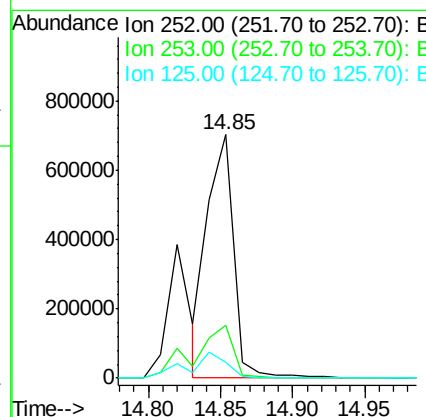
RT: 14.85 min Scan# 1117

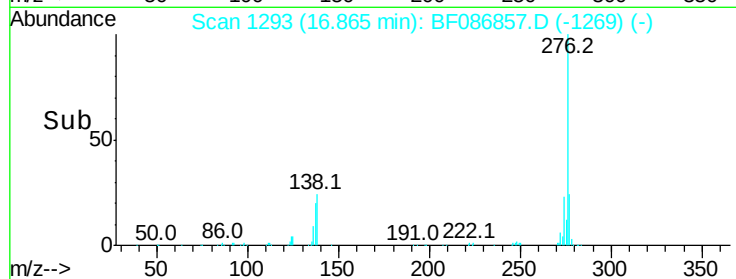
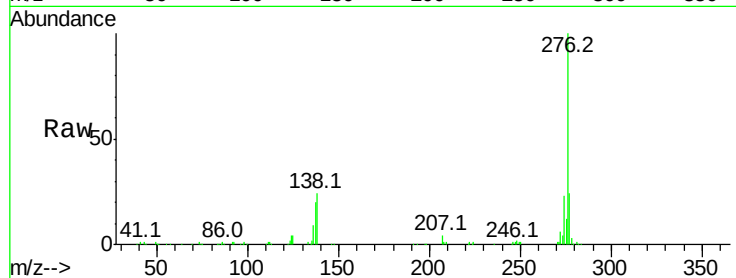
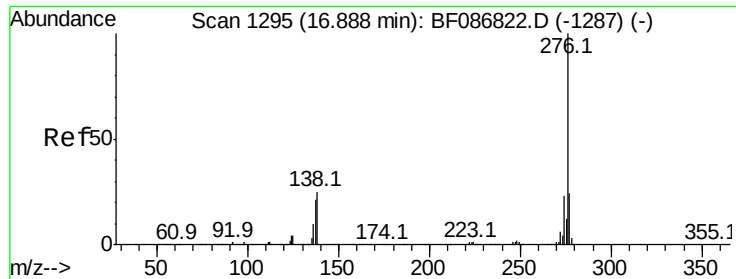
Delta R.T. -0.00 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	899298		
253	21.8	17.8	26.6	
125	6.7	9.1	13.7	





#91

Benzo(a,h,i)perylene

Concen: 11.70 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF086857.D

Acq: 10 May 2016 13:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	279013		
277	24.1		19.6	29.4
138	24.1		23.6	35.4

Manual Integrations
APPROVED

sohil
5/11/2016 8:14:58 PM

