

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113924.D
 Acq On : 23 Apr 2019 16:59
 Operator : JU/SJ
 Sample : K2518-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

Quant Time: Apr 24 05:55:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

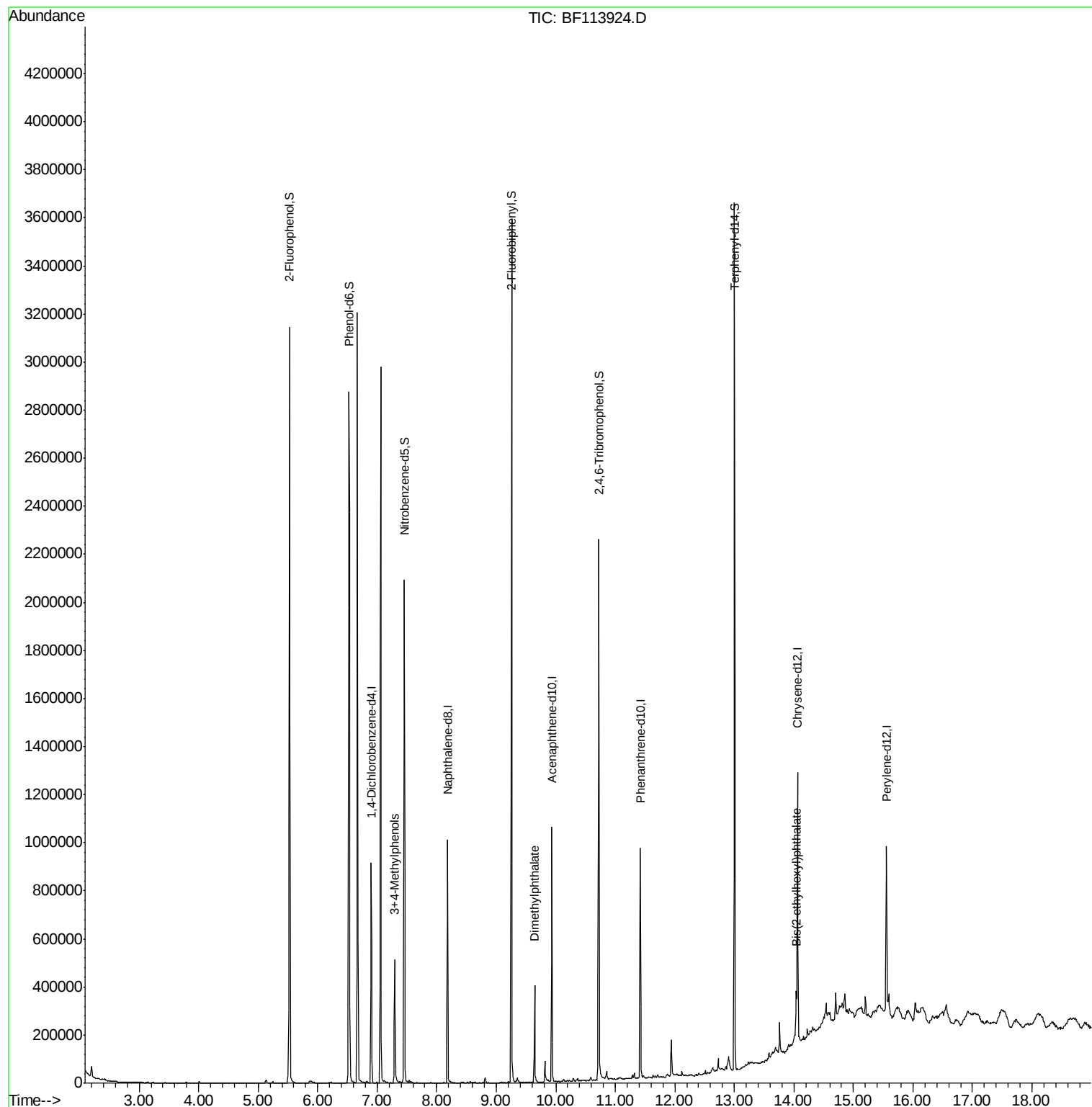
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	126835	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	443216	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	202656	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	362042	20.00	ng	0.00
76) Chrysene-d12	14.06	240	382467	20.00	ng	0.00
87) Perylene-d12	15.56	264	335761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	938143	126.51	ng	0.01
7) Phenol-d6	6.53	99	1207637	129.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	683390	95.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	310815	125.90	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1152162	88.92	ng	0.00
79) Terphenyl-d14	13.00	244	1180556	63.28	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.29	107	150881	17.994	ng	Qvalue # 73
50) Dimethylphthalate	9.65	163	180853	12.339	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	51991	3.883	ng	98

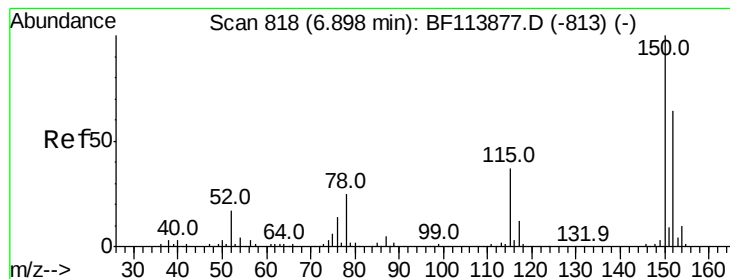
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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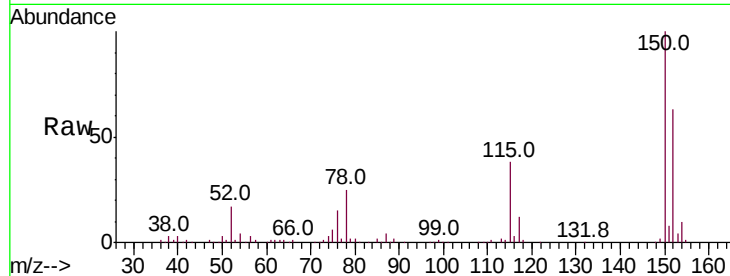


#1

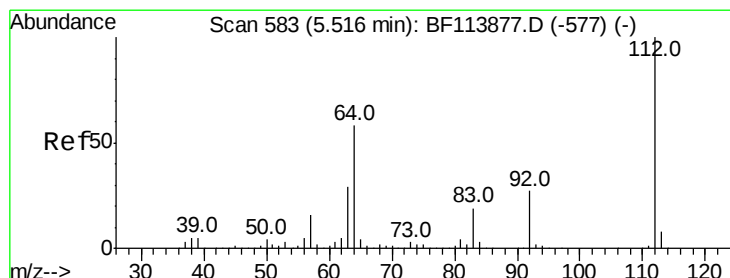
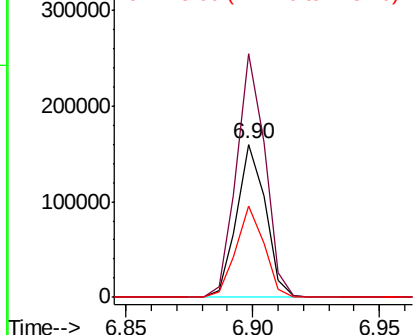
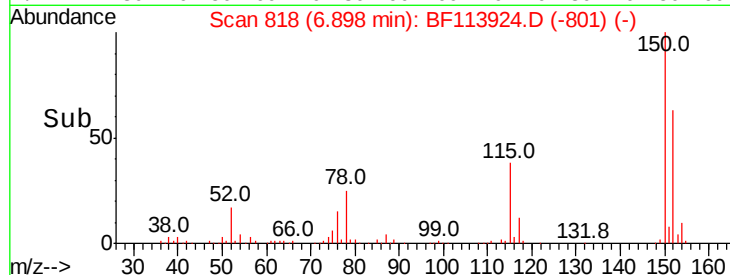
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113924.D
 Acq: 23 Apr 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

Tot Ion:152 Resp: 126835
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.9 188.9
 115 59.8 45.9 68.9



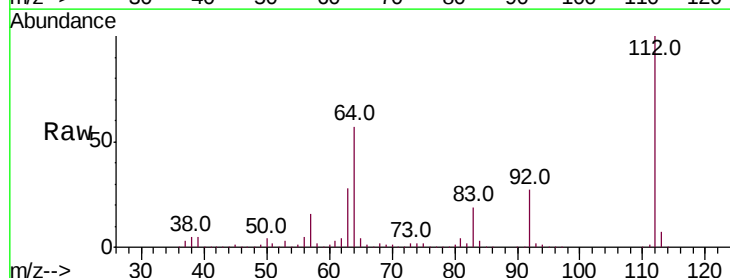
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



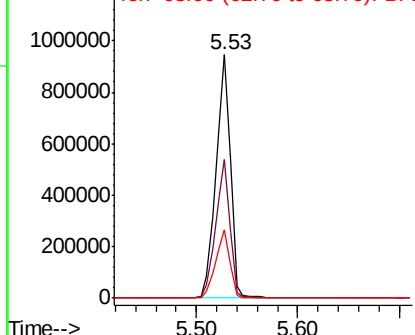
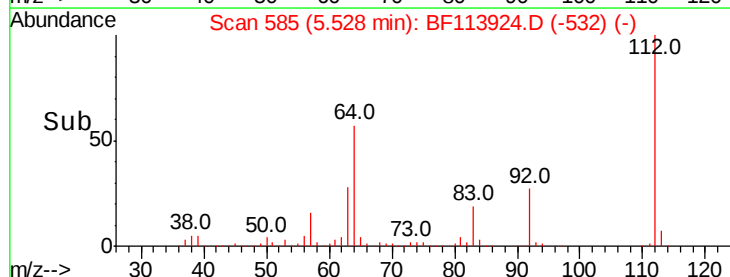
#5

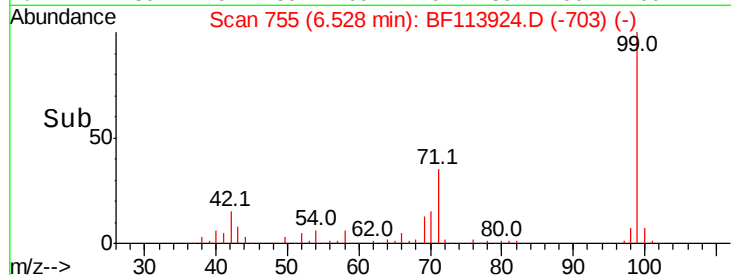
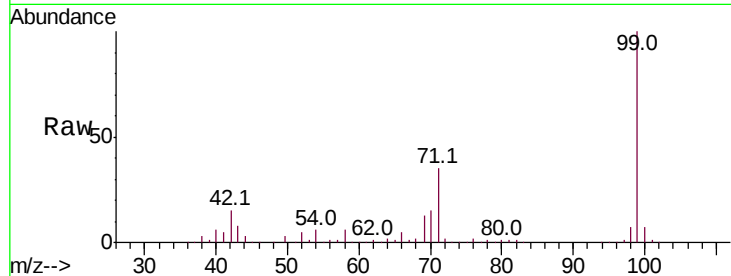
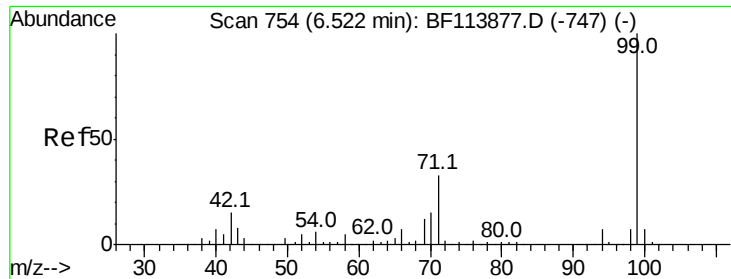
2-Fluorophenol
 Concen: 126.508 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113924.D
 Acq: 23 Apr 2019 16:59

Tgt Ion:112 Resp: 938143
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.6 69.8
 63 28.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 129.799 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

Instrument :

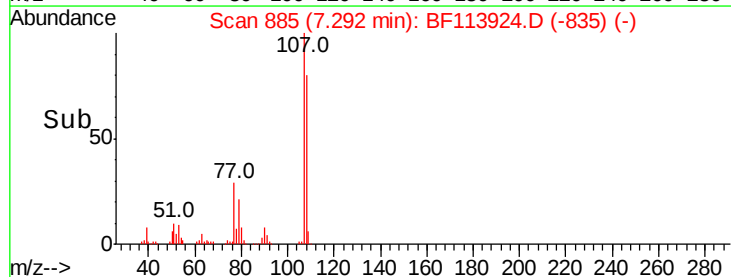
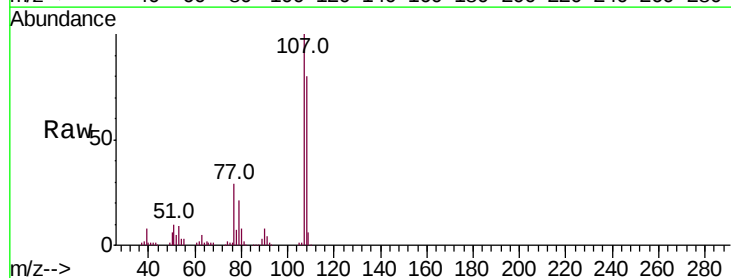
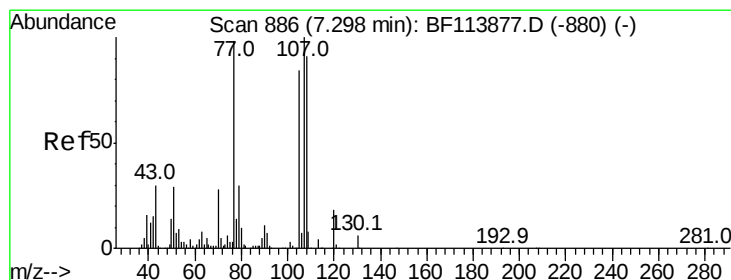
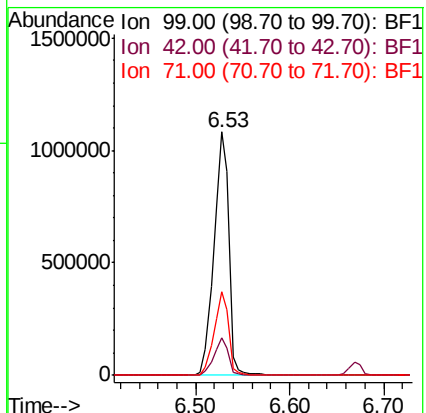
BNA_F

ClientSampled :

MUDDY-SOIL

Tot Ion: 99 Resp: 1207637

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	34.6	26.9	40.3



#20

3+4-Methylphenols

Concen: 17.994 ng

RT: 7.29 min Scan# 885

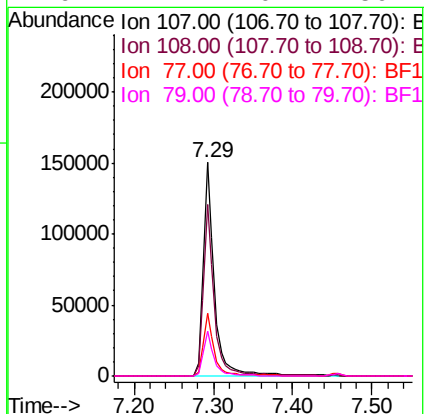
Delta R.T. -0.01 min

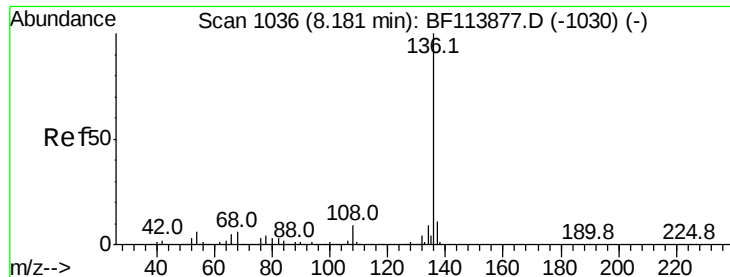
Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

Tgt Ion:107 Resp: 150881

Ion	Ratio	Lower	Upper
107	100		
108	80.2	70.1	110.1
77	29.2	52.9	92.9#
79	21.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

Instrument :

BNA_F

ClientSampleId :

MUDDY-SOIL

Tot Ion:136 Resp: 443216

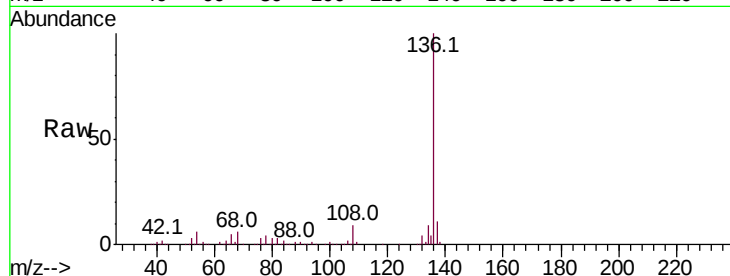
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.2 5.0 7.6

68 5.8 4.9 7.3

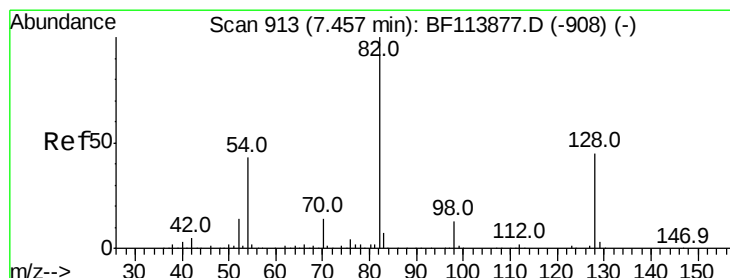
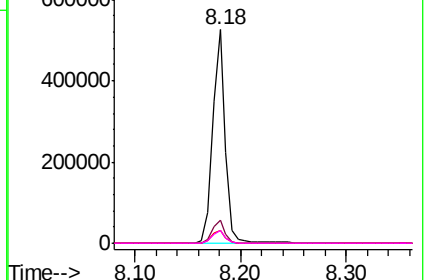
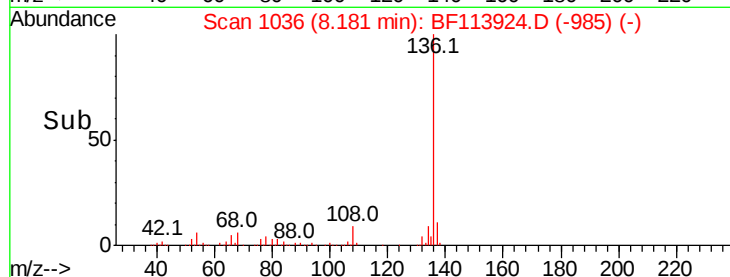


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 95.202 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

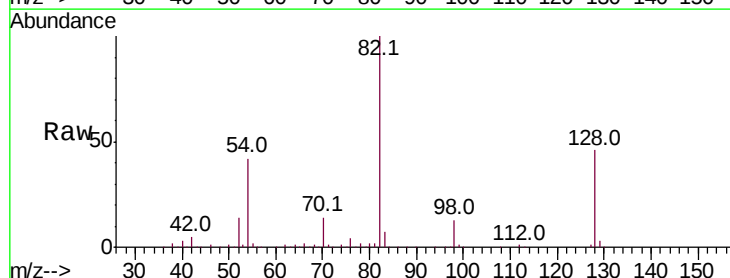
Tgt Ion: 82 Resp: 683390

Ion Ratio Lower Upper

82 100

128 46.2 36.8 55.2

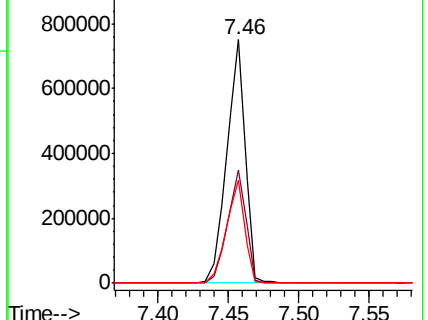
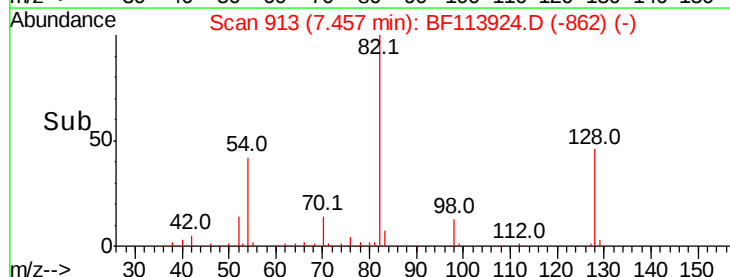
54 42.3 33.8 50.6

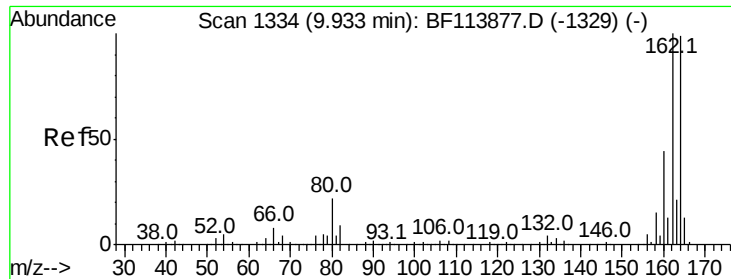


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

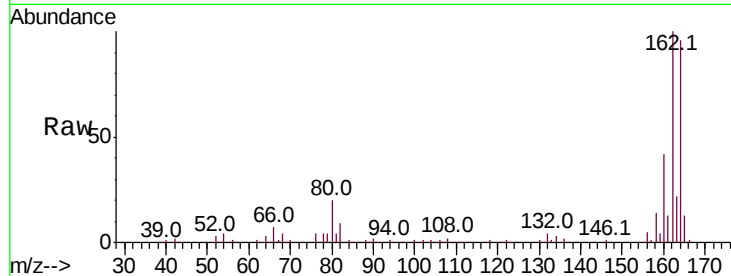




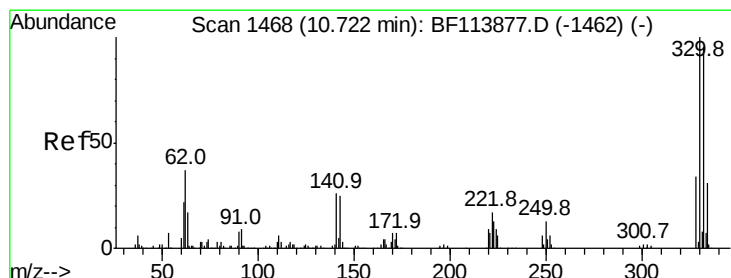
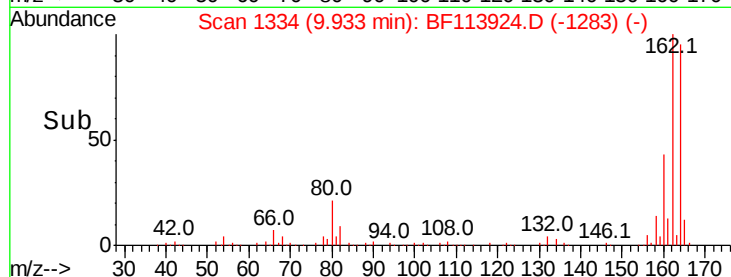
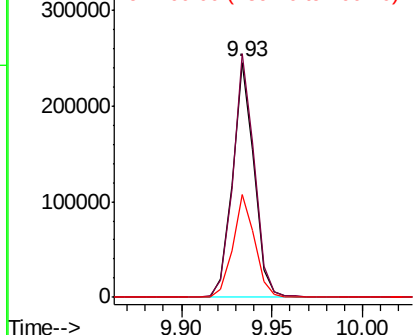
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113924.D
Acq: 23 Apr 2019 16:59

Instrument :
BNA_F
ClientSampleId :
MUDDY-SOIL

Tot Ion:164 Resp: 202656
Ion Ratio Lower Upper
164 100
162 103.8 81.1 121.7
160 44.0 35.8 53.6

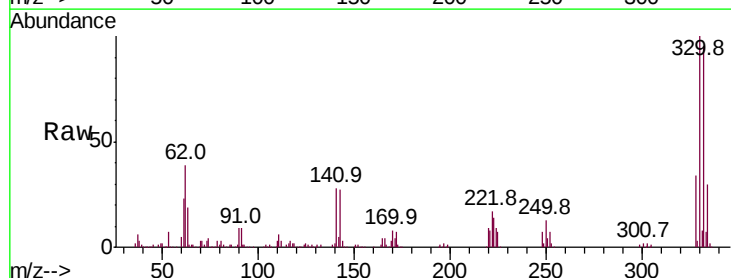


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

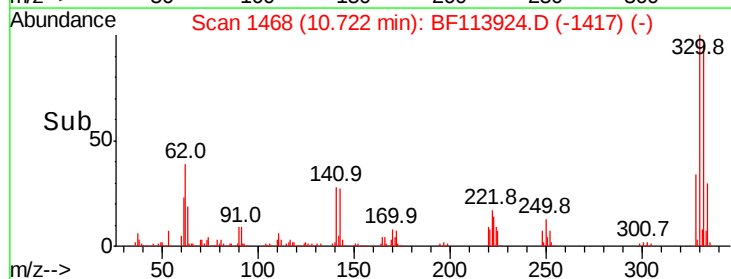
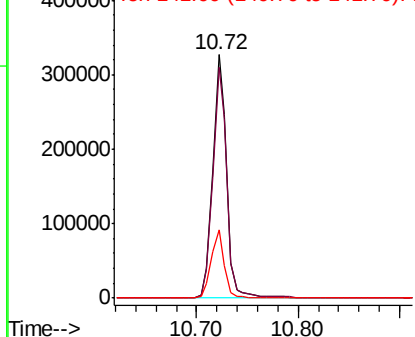


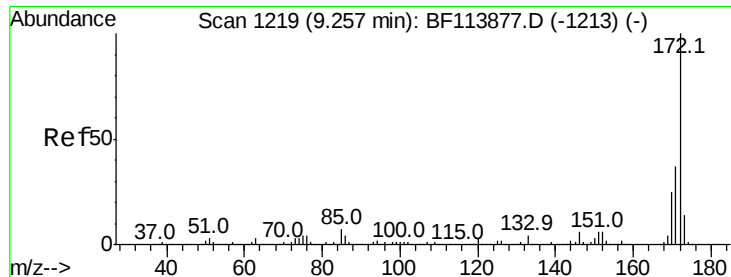
#42
2,4,6-Tribromophenol
Concen: 125.899 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113924.D
Acq: 23 Apr 2019 16:59

Tgt Ion:330 Resp: 310815
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 26.9 22.2 33.2



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



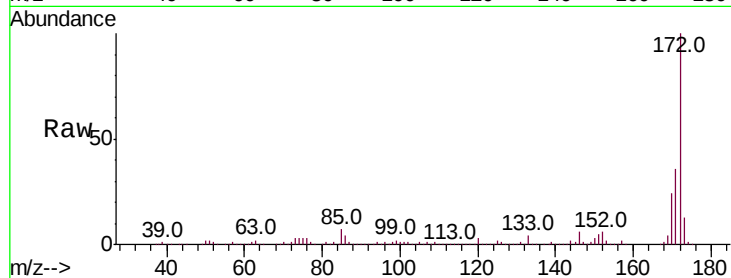


#45
 2-Fluorobiphenyl
 Concen: 88.920 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113924.D
 Acq: 23 Apr 2019 16:59

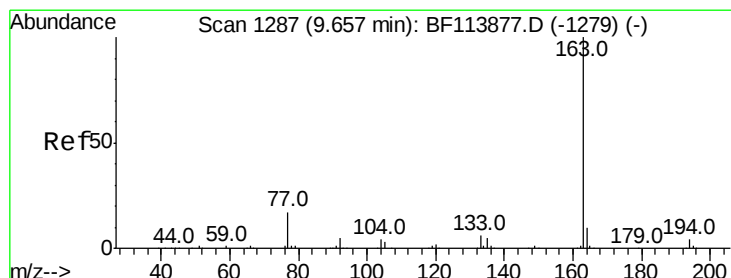
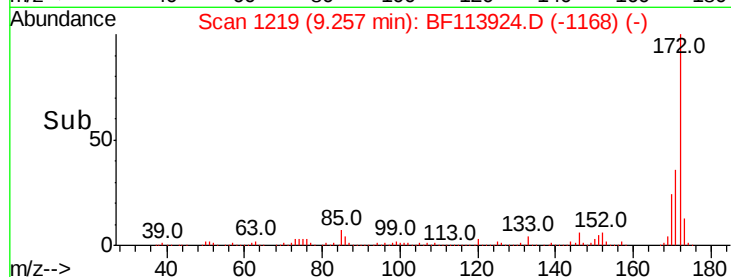
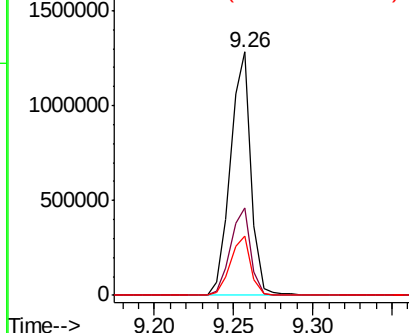
Instrument :
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 ClientSampleId :
 MUDDY-SOIL

Tot Ion:172 Resp: 1152162

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.1	19.9	29.9



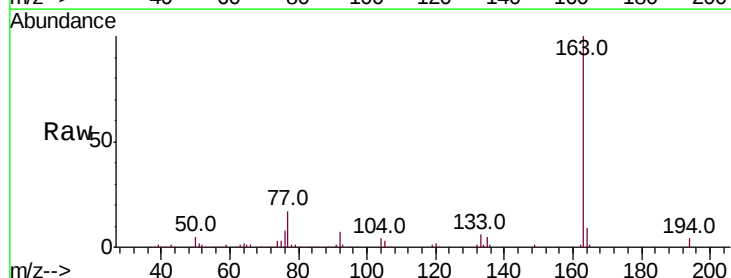
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



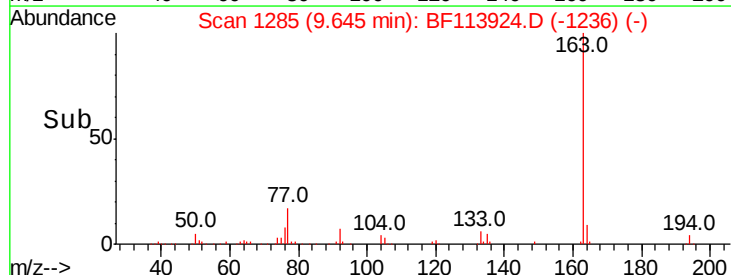
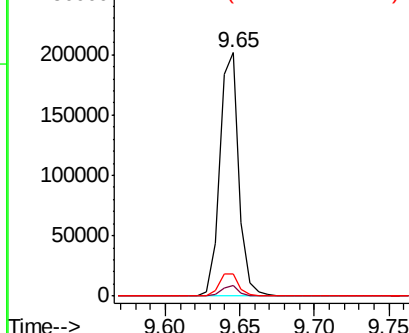
#50
 Dimethylphthalate
 Concen: 12.339 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF113924.D
 Acq: 23 Apr 2019 16:59

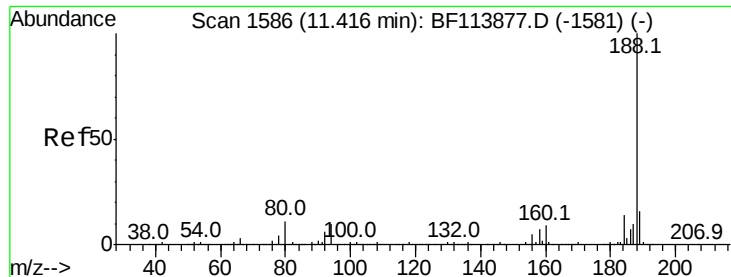
Tgt Ion:163 Resp: 180853

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.3	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

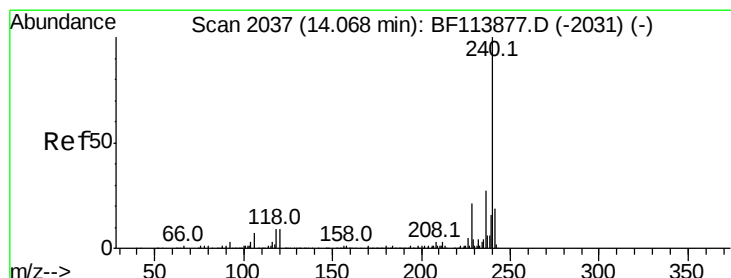
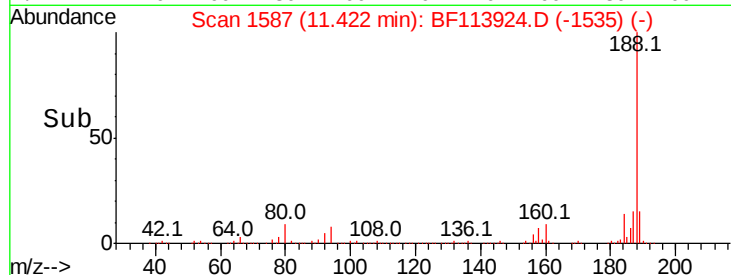
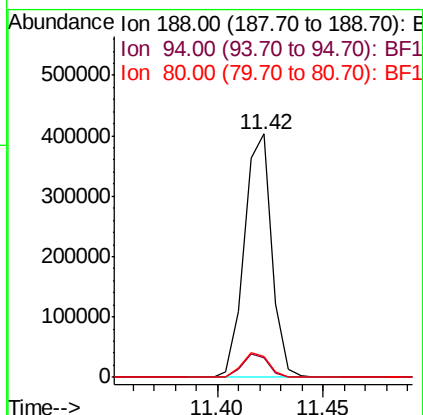
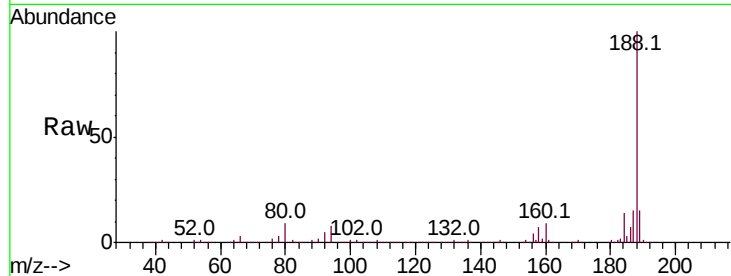




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113924.D
Acq: 23 Apr 2019 16:59

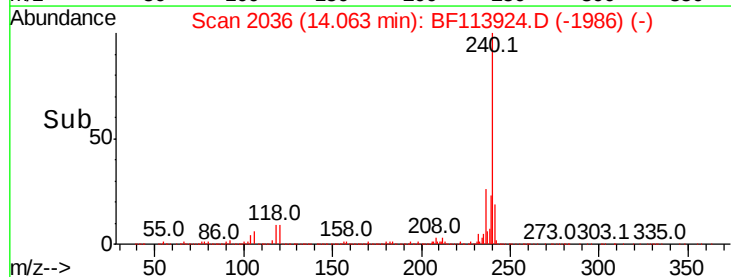
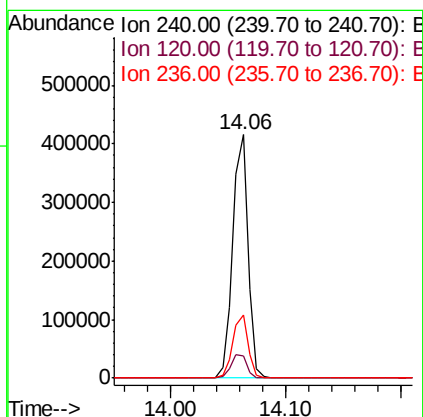
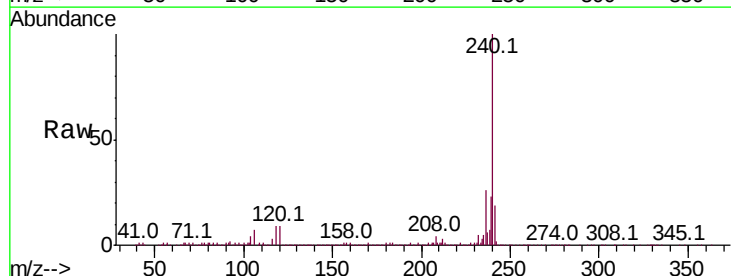
Instrument :
BNA_F
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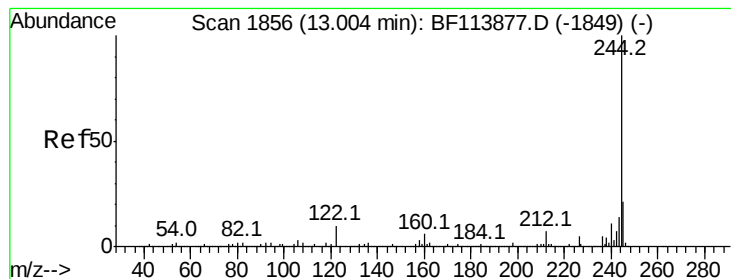
Tot Ion:188 Resp: 362042
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.4#
80 8.8 9.0 13.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113924.D
Acq: 23 Apr 2019 16:59

Tgt Ion:240 Resp: 382467
Ion Ratio Lower Upper
240 100
120 9.1 9.3 13.9#
236 26.1 21.2 31.8





#79

Terphenyl-d14

Concen: 63.281 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

Instrument :

BNA_F

ClientSampleId :

MUDDY-SOIL

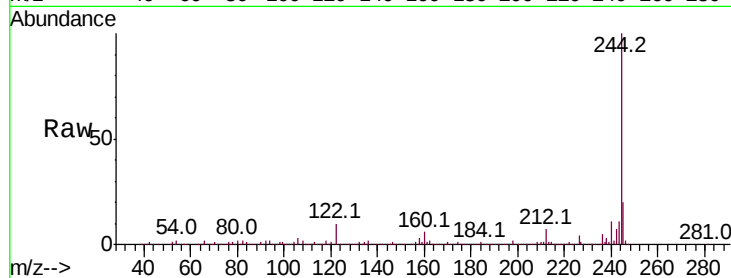
Tot Ion:244 Resp: 1180556

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

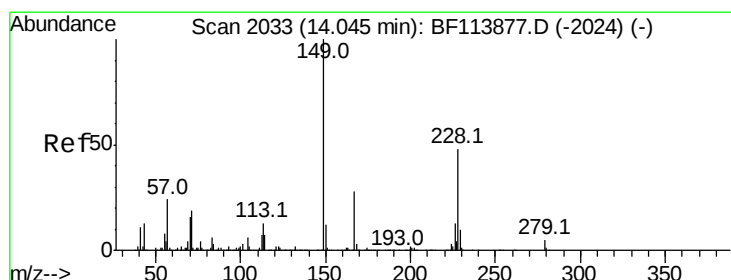
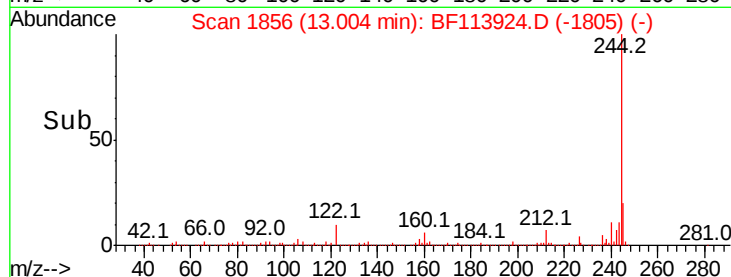
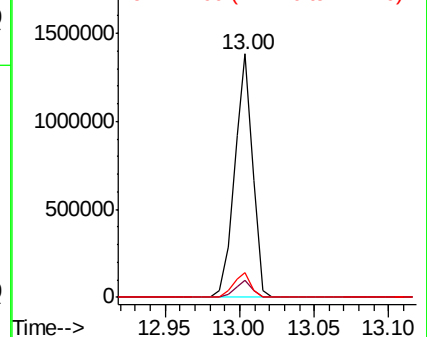
122 10.2 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.883 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113924.D

Acq: 23 Apr 2019 16:59

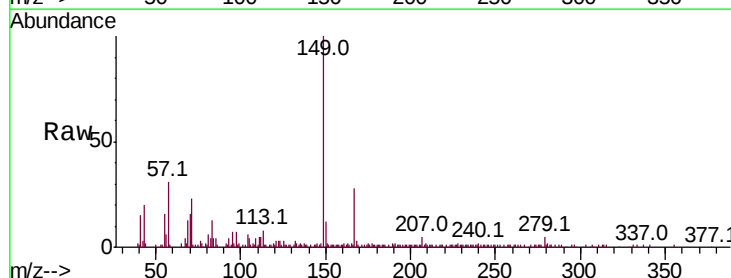
Tgt Ion:149 Resp: 51991

Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

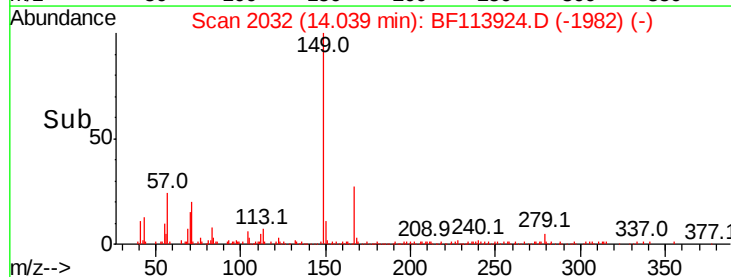
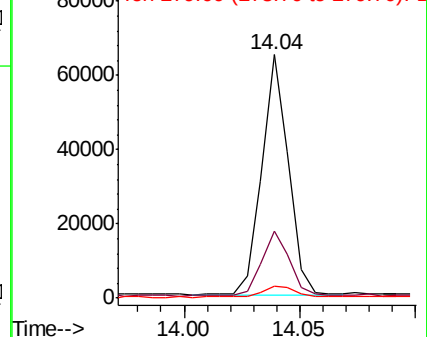
279 5.0 4.2 6.2

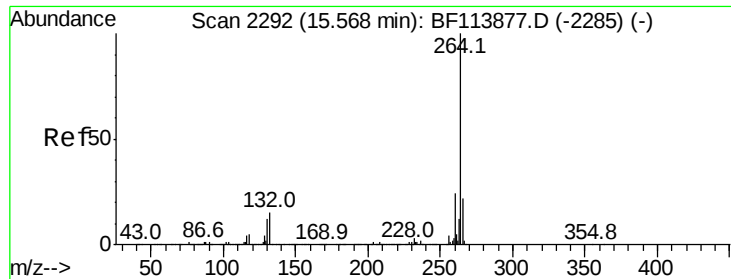


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

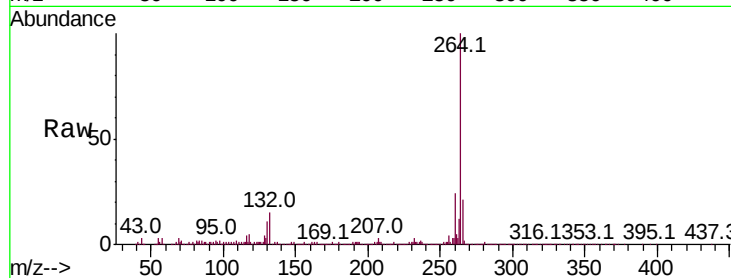




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF113924.D
Acq: 23 Apr 2019 16:59

Instrument :
BNA_F
ClientSampleId :
MUDDY-SOIL

Tot Ion:	264	Resp:	335761
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	20.8	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

