

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115484.D
 Acq On : 11 Jul 2019 5:21
 Operator : HP/JU
 Sample : K3695-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-3

Quant Time: Jul 11 08:17:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

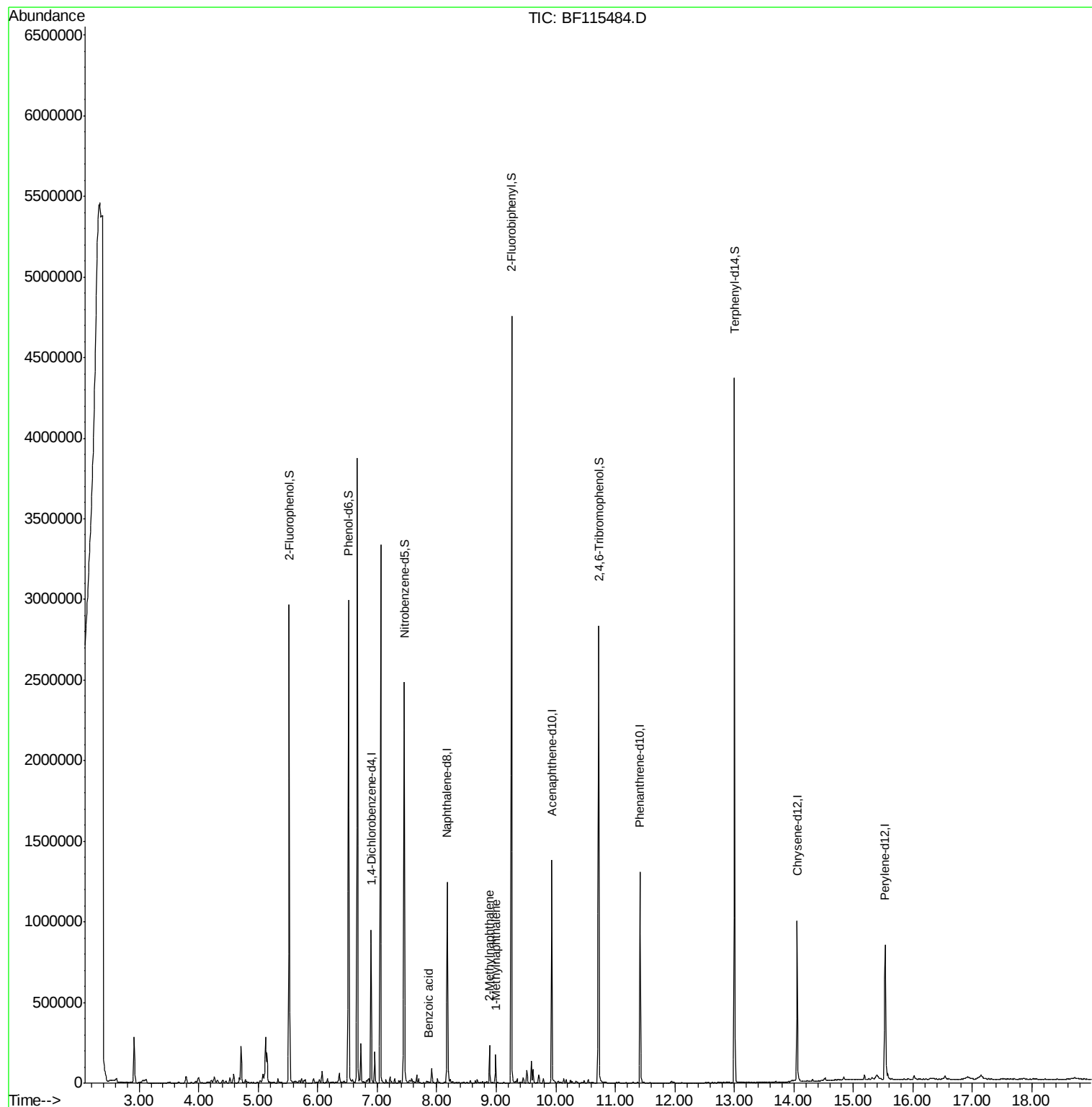
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141792	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	546165	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	263549	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	468081	20.00	ng	0.00
76) Chrysene-d12	14.06	240	348303	20.00	ng	-0.01
87) Perylene-d12	15.53	264	407550	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	980176	106.80	ng	0.01
7) Phenol-d6	6.52	99	1143120	97.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	889634	96.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	378810	130.00	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1546494	102.97	ng	0.00
79) Terphenyl-d14	13.00	244	1544298	90.78	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	2211	6.366	ng	91
37) 2-Methylnaphthalene	8.89	142	66310	3.657	ng	98
38) 1-Methylnaphthalene	8.99	142	42666	2.466	ng	97

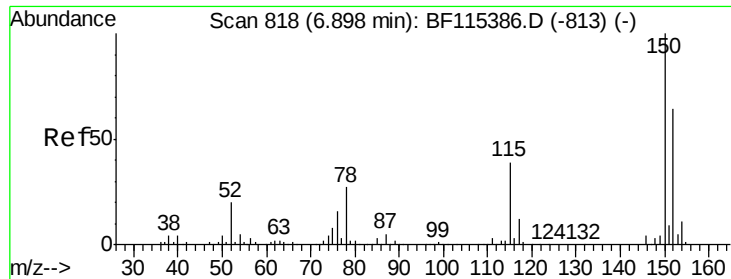
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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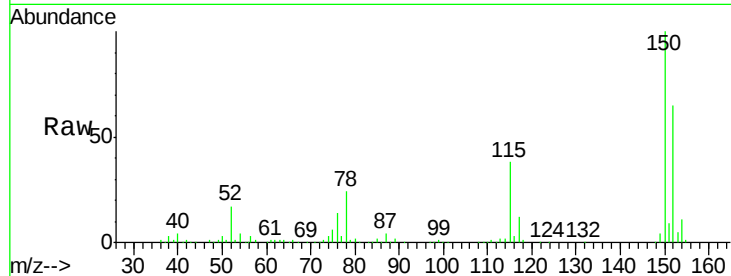


#1

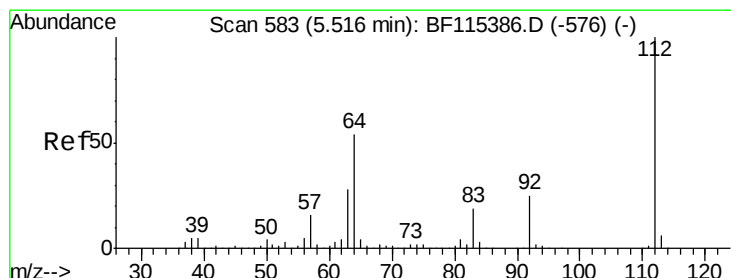
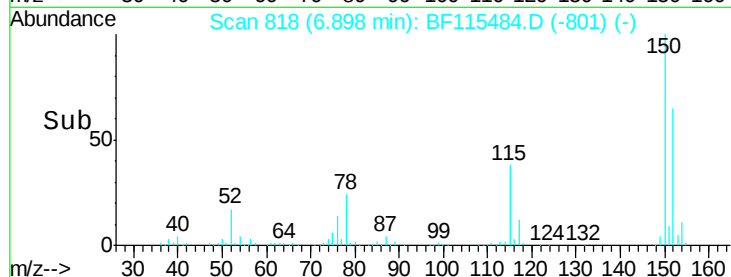
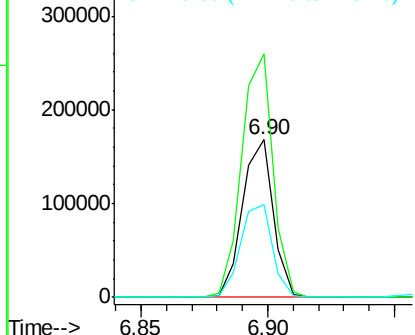
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-3

Tgt Ion:152 Resp: 141792
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.4 191.2
 115 58.8 46.2 69.4



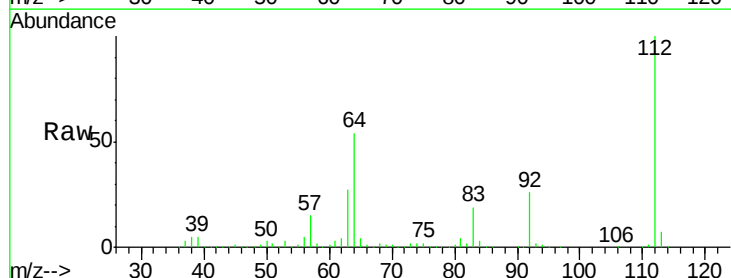
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



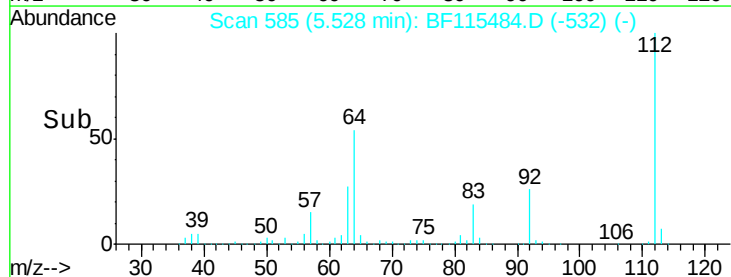
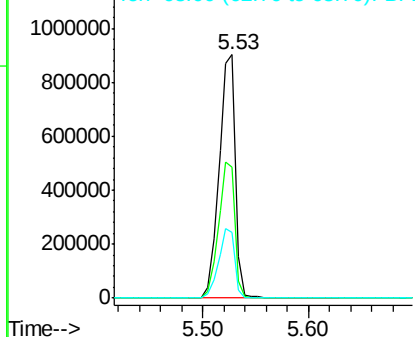
#5

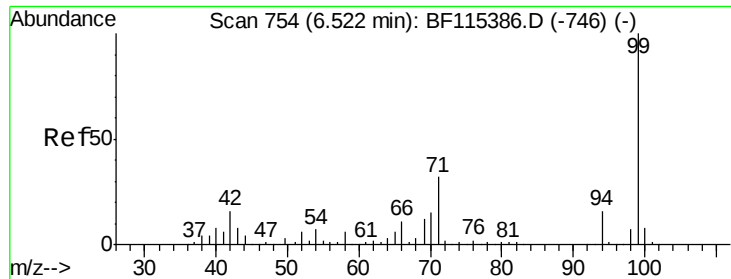
2-Fluorophenol
 Concen: 106.804 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

Tgt Ion:112 Resp: 980176
 Ion Ratio Lower Upper
 112 100
 64 53.6 44.2 66.2
 63 27.1 22.1 33.1



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: 97.940 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115484.D

Acq: 11 Jul 2019 5:21

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-3

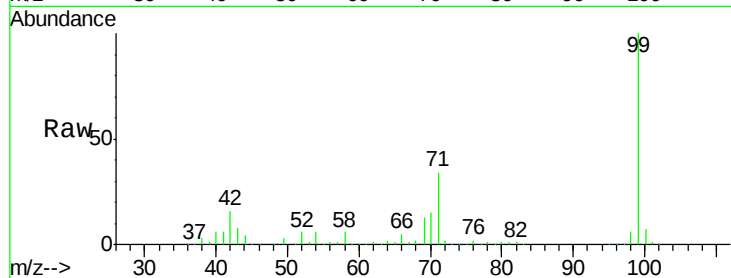
Tgt Ion: 99 Resp: 1143120

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

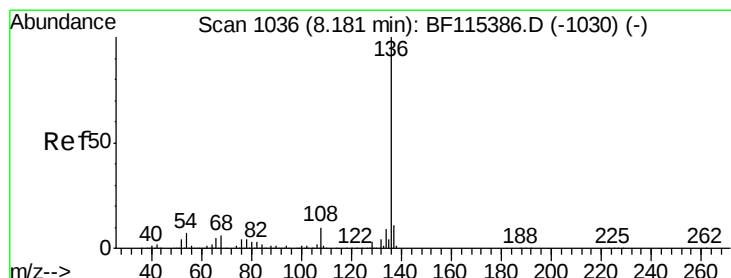
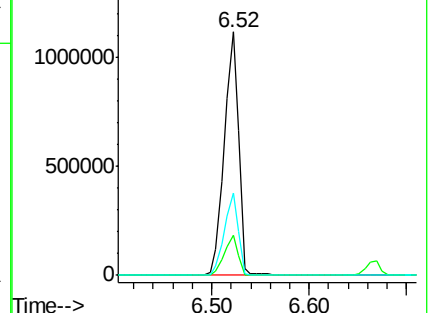
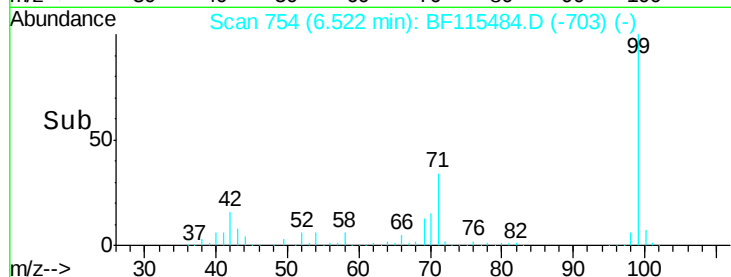
71 33.9 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115484.D

Acq: 11 Jul 2019 5:21

Tgt Ion: 136 Resp: 546165

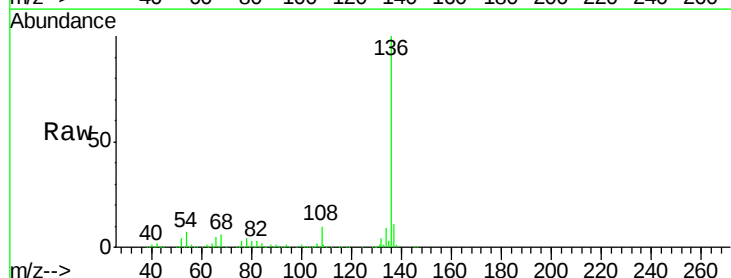
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.3 5.4 8.0

68 6.4 4.8 7.2

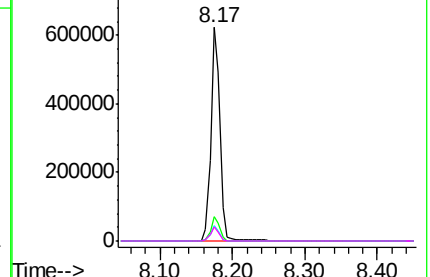
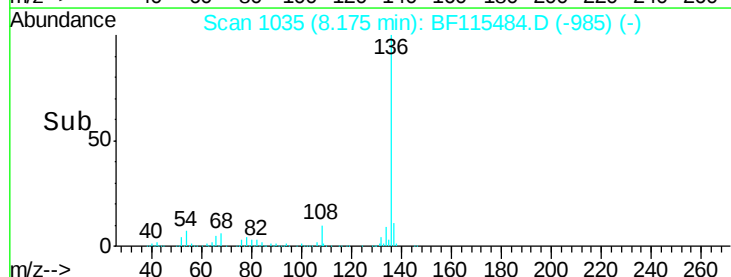


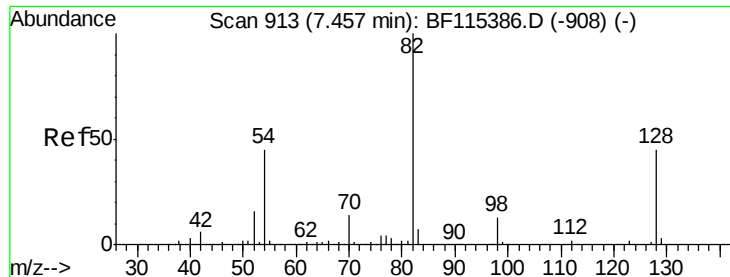
Abundance Ion 136.00 (135.70 to 136.70): E

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

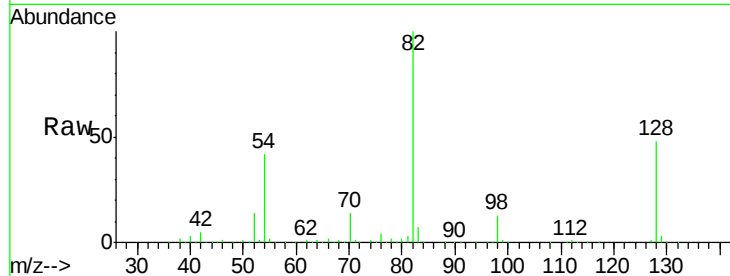




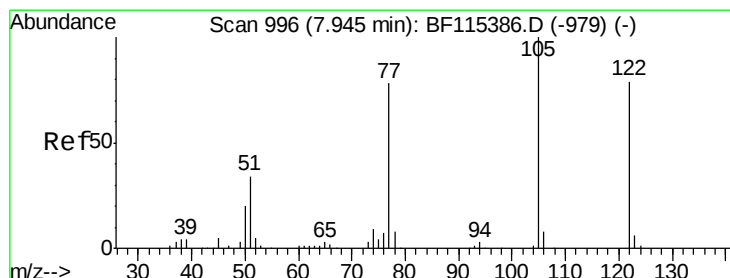
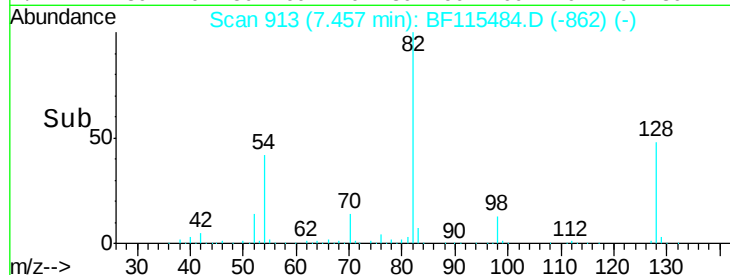
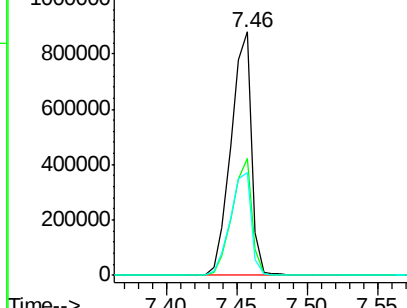
#23
 Nitrobenzene-d5
 Concen: 96.239 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-3

Tgt Ion: 82 Resp: 889634
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.7 55.1
 54 42.1 35.6 53.4

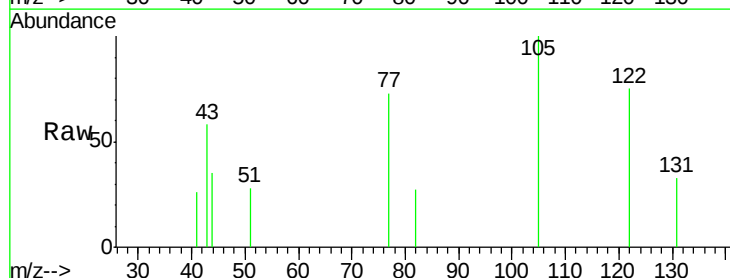


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

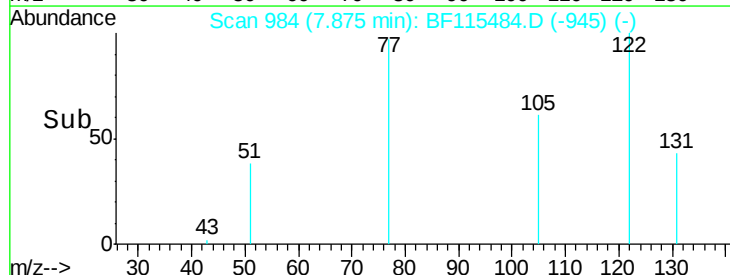
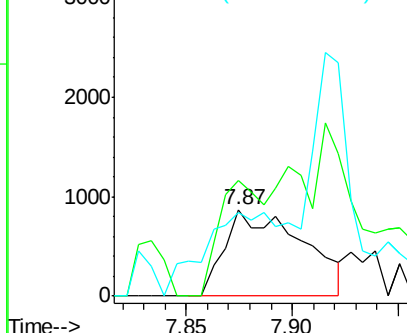


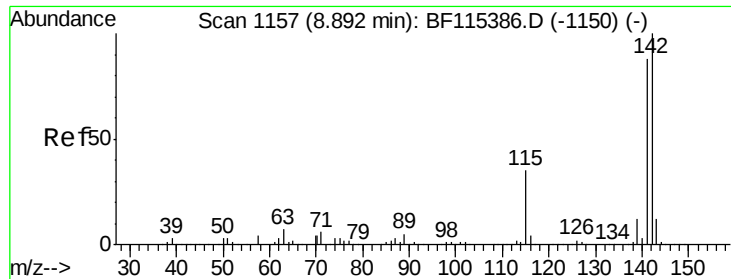
#32
 Benzoic acid
 Concen: 6.366 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.07 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

Tgt Ion: 122 Resp: 2211
 Ion Ratio Lower Upper
 122 100
 105 133.1 101.6 141.6
 77 96.9 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

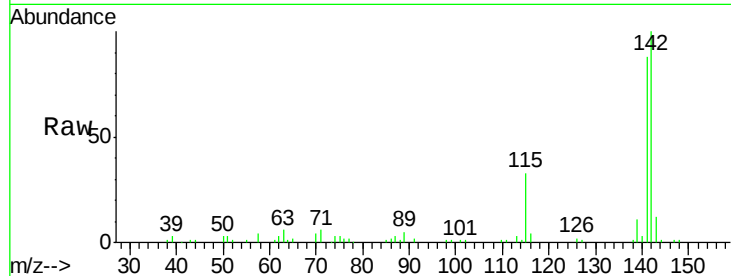




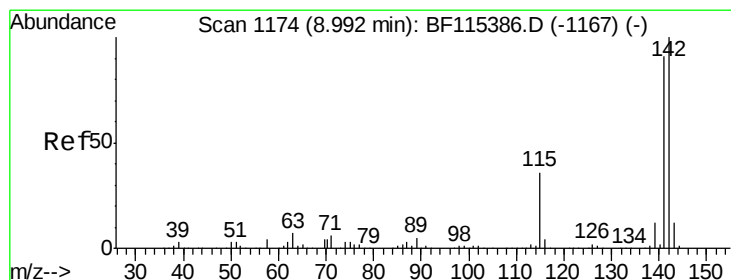
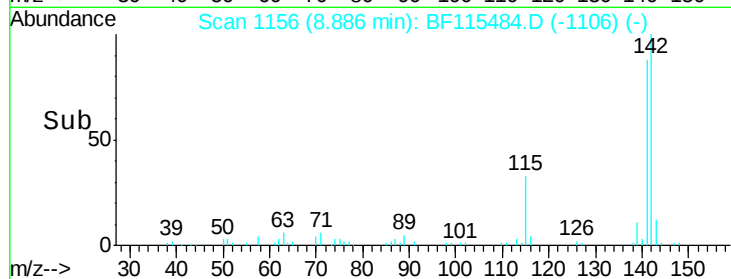
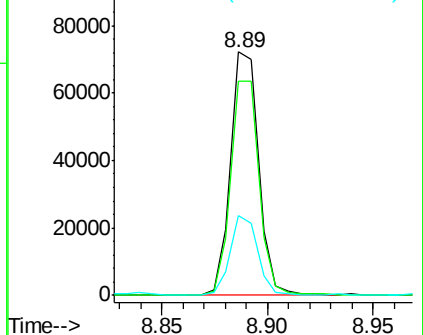
#37
2-Methylnaphthalene
Concen: 3.657 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF115484.D
Acq: 11 Jul 2019 5:21

Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-3

Tgt Ion:142 Resp: 66310
Ion Ratio Lower Upper
142 100
141 88.2 72.1 108.1
115 32.6 27.6 41.4

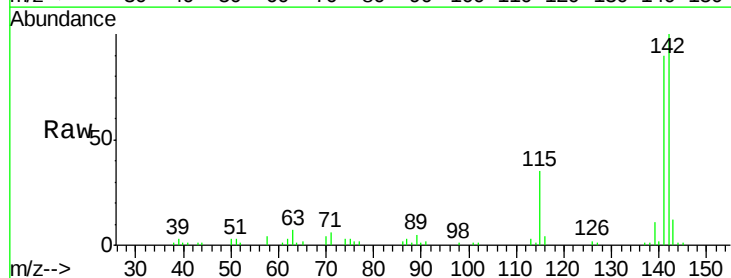


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

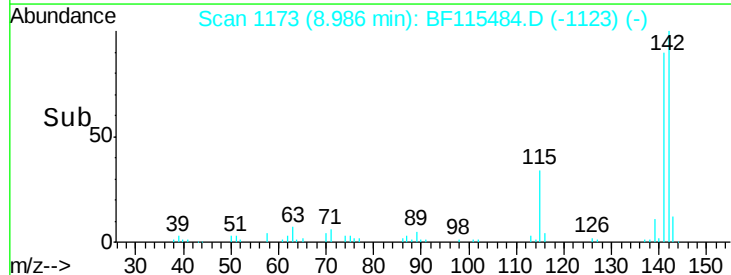
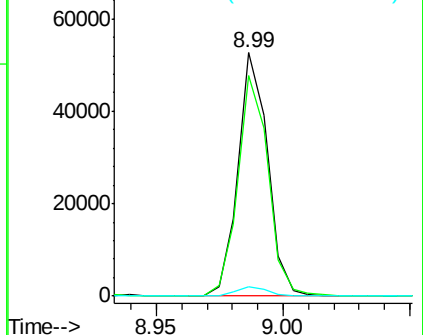


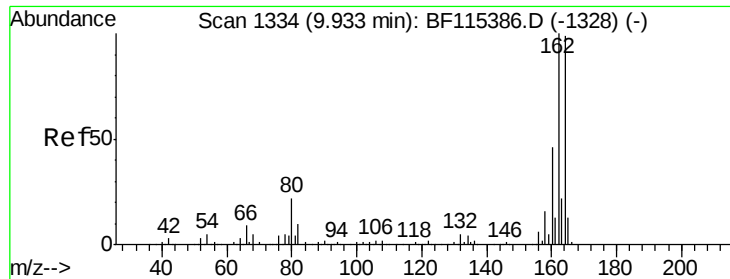
#38
1-Methylnaphthalene
Concen: 2.466 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF115484.D
Acq: 11 Jul 2019 5:21

Tgt Ion:142 Resp: 42666
Ion Ratio Lower Upper
142 100
141 90.4 74.3 111.5
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

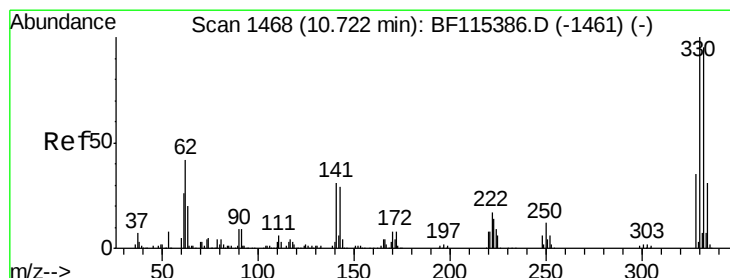
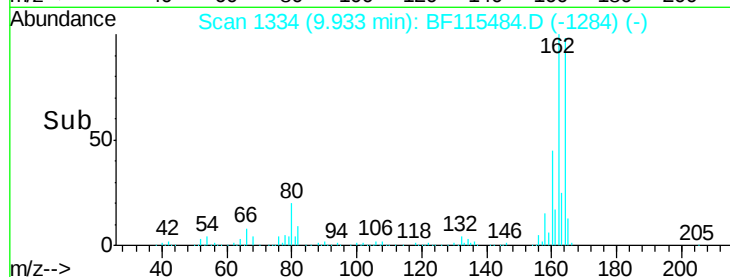
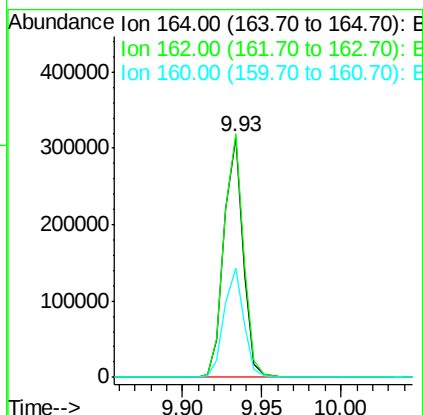
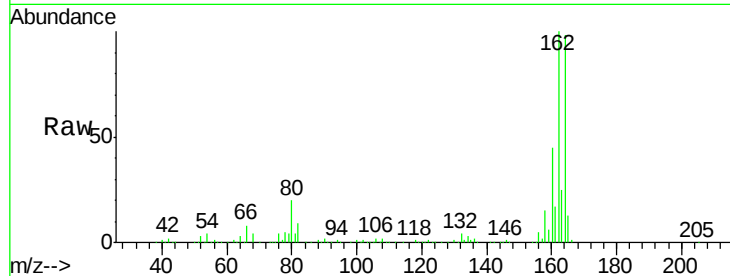




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115484.D
Acq: 11 Jul 2019 5:21

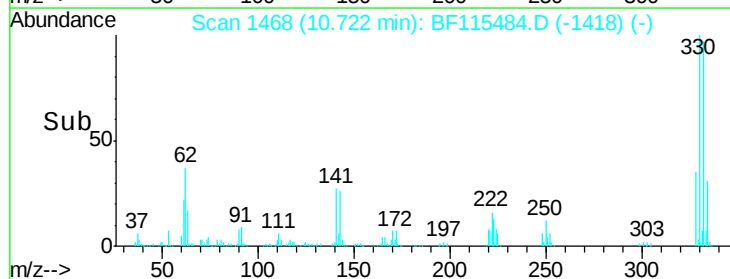
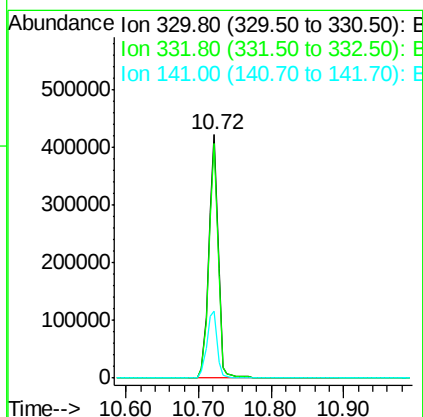
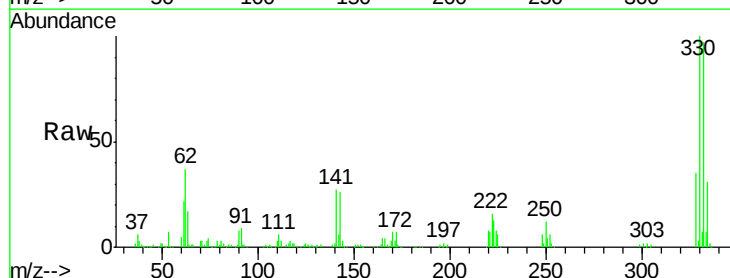
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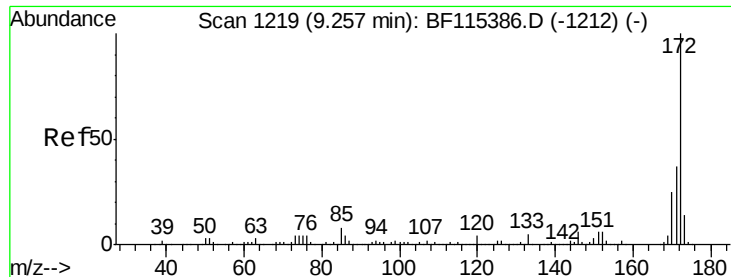
Tgt Ion:164 Resp: 263549
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 129.998 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115484.D
Acq: 11 Jul 2019 5:21

Tgt Ion:330 Resp: 378810
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 30.5 24.7 37.1

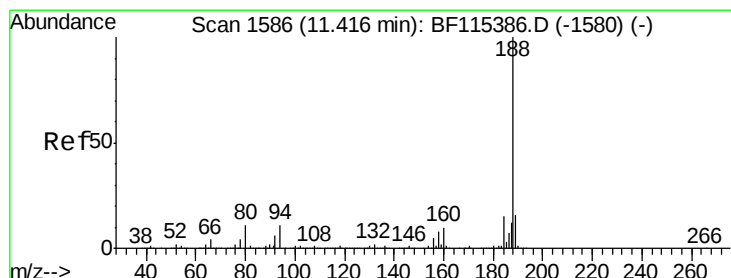
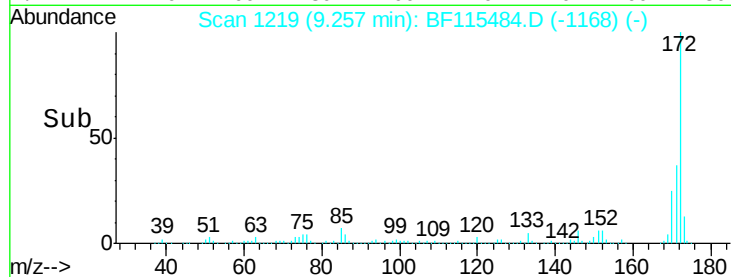
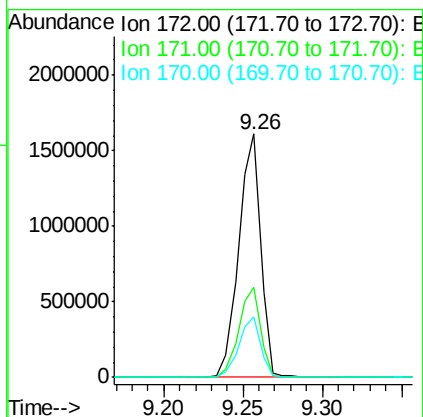
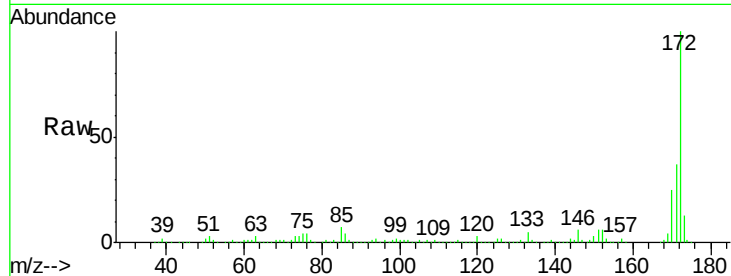




#45
 2-Fluorobiphenyl
 Concen: 102.968 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

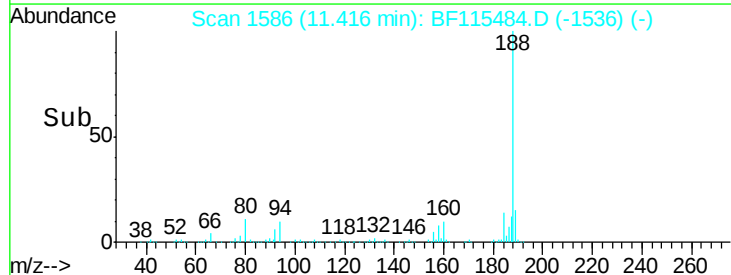
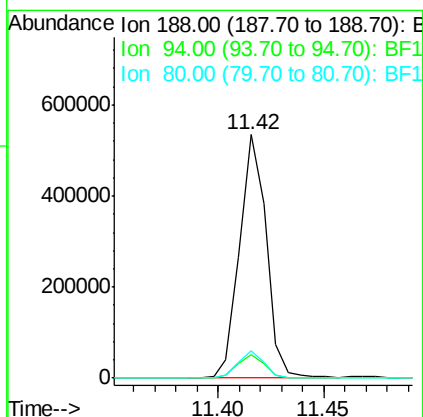
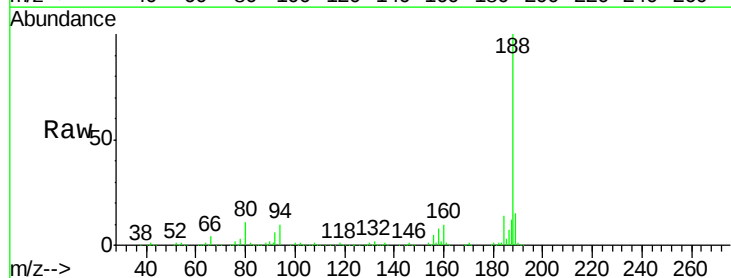
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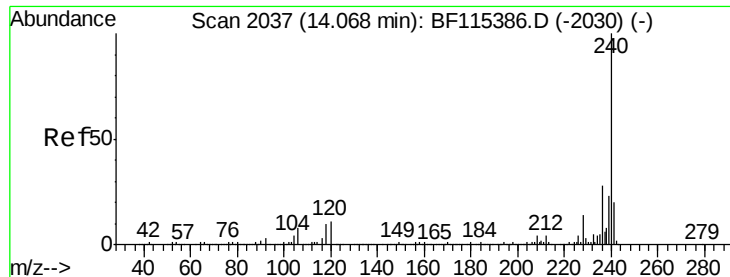
Tgt Ion:172 Resp: 1546494
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.8
 170 25.1 20.0 30.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115484.D
 Acq: 11 Jul 2019 5:21

Tgt Ion:188 Resp: 468081
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.8 11.8
 80 11.0 8.4 12.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115484.D

Acq: 11 Jul 2019 5:21

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-3

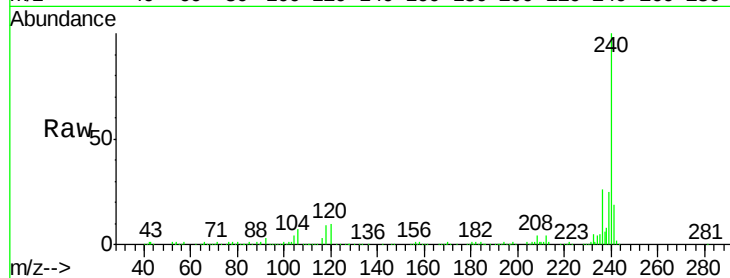
Tgt Ion:240 Resp: 348303

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

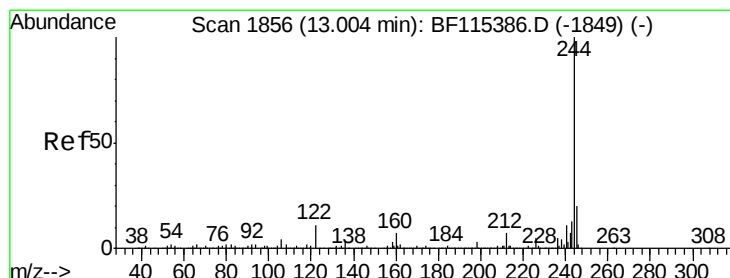
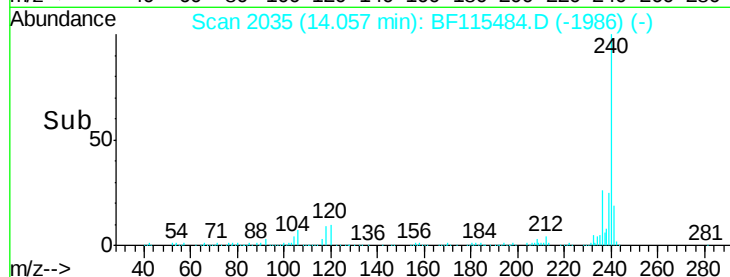
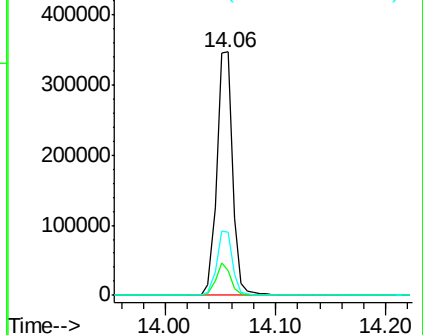
236 26.0 21.1 31.7



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



#79

Terphenyl-d14

Concen: 90.782 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115484.D

Acq: 11 Jul 2019 5:21

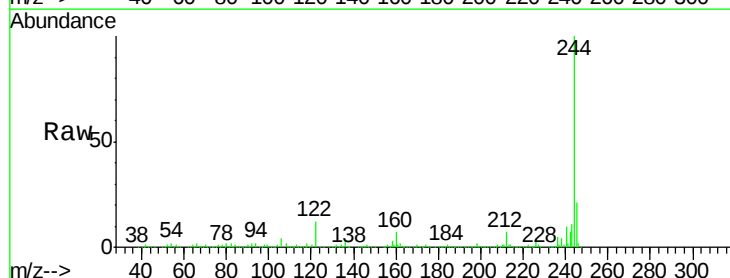
Tgt Ion:244 Resp: 1544298

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

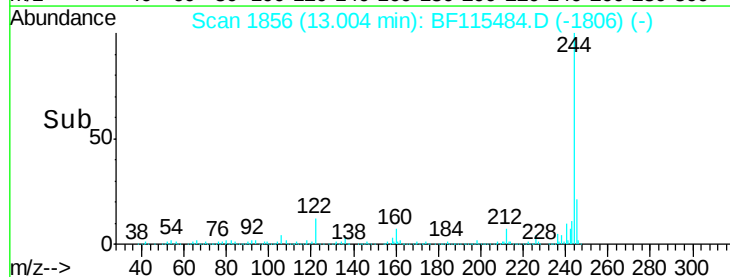
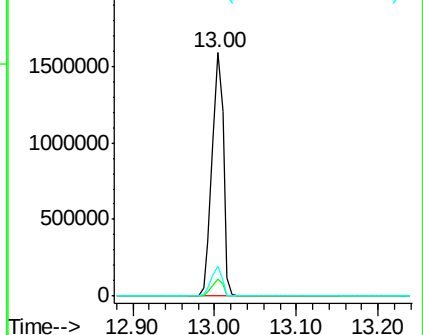
122 12.0 9.1 13.7

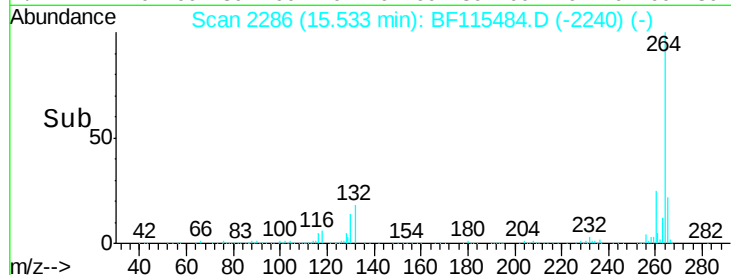
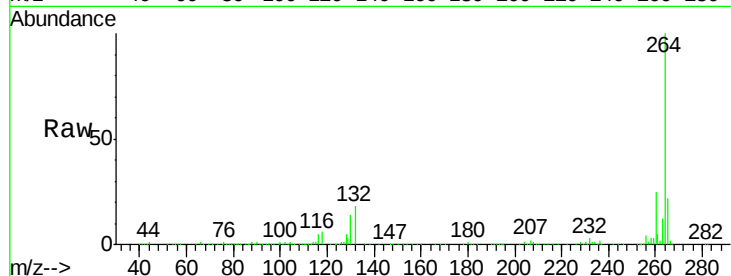
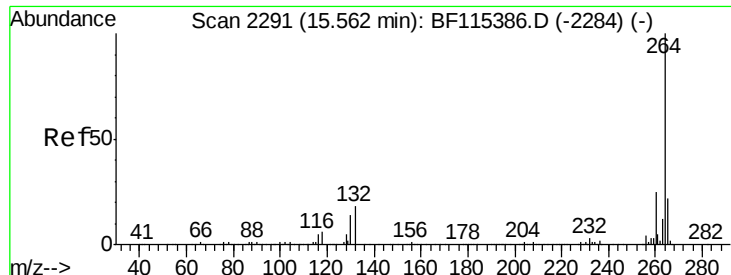


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115484.D
Acq: 11 Jul 2019 5:21

Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-3

Tgt Ion:	264	Resp:	407550
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.8	26.6

