

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115481.D
 Acq On : 11 Jul 2019 3:00
 Operator : HP/JU
 Sample : K3695-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-2

Quant Time: Jul 11 08:24:31 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

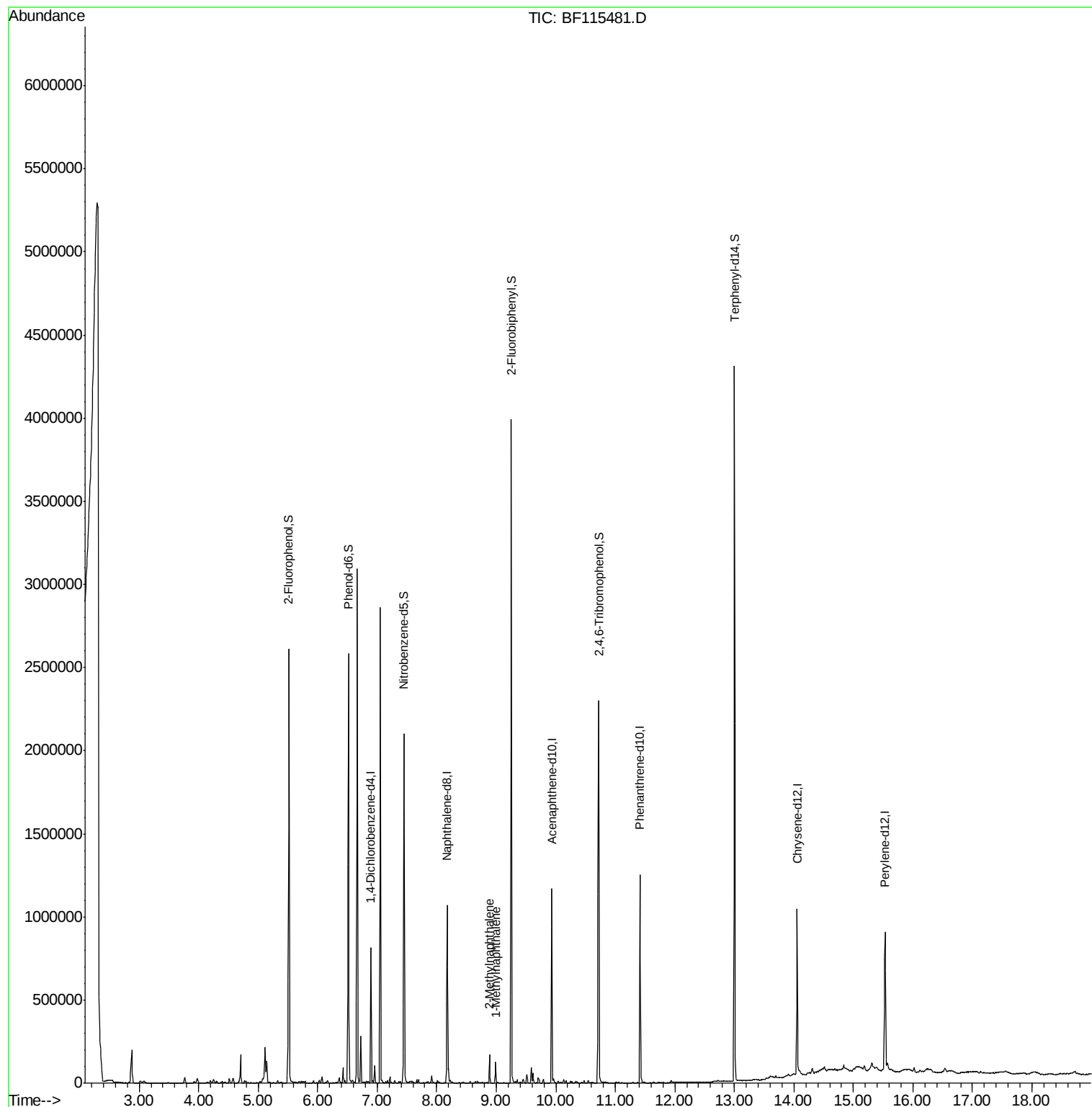
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119011	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	446189	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	222019	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	419899	20.00	ng	0.00
76) Chrysene-d12	14.05	240	335322	20.00	ng	-0.02
87) Perylene-d12	15.53	264	389077	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	821536	106.65	ng	0.00
7) Phenol-d6	6.52	99	956938	97.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	725143	96.02	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334426	136.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1306249	103.24	ng	0.00
79) Terphenyl-d14	13.00	244	1447171	88.37	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.89	142	45354	3.062	ng	Qvalue 95
38) 1-Methylnaphthalene	8.99	142	30695	2.172	ng	100

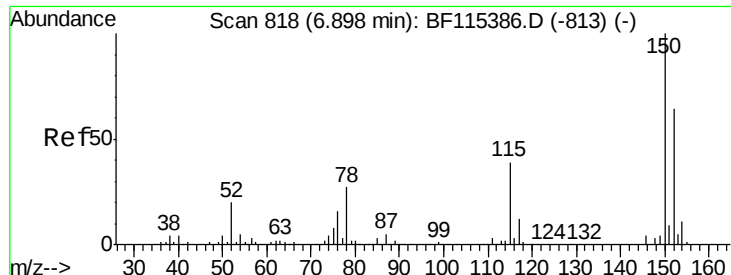
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115481.D
Acq On : 11 Jul 2019 3:00
Operator : HP/JU
Sample : K3695-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-2

Quant Time: Jul 11 08:24:31 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

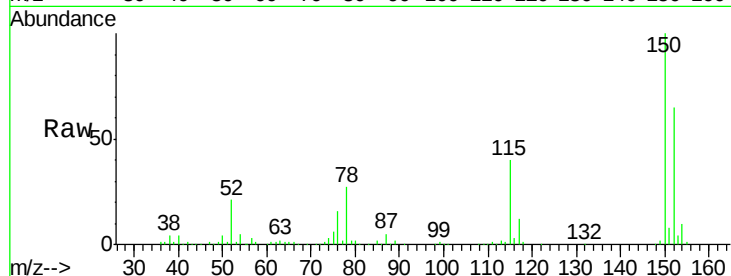




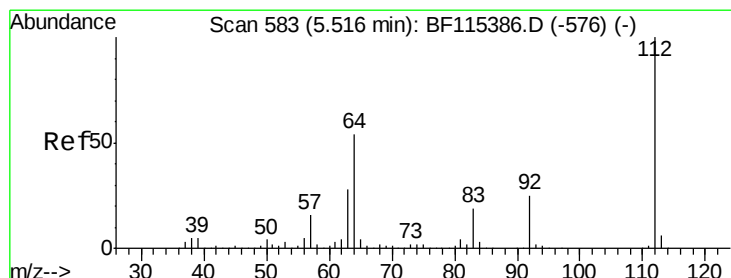
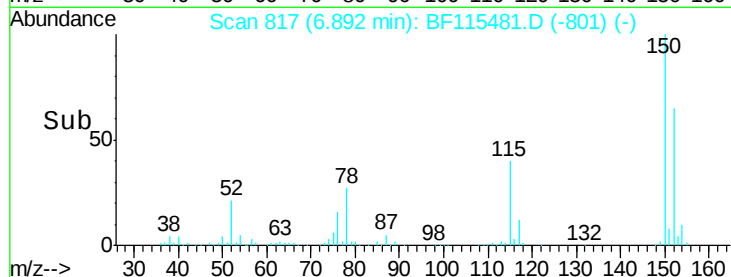
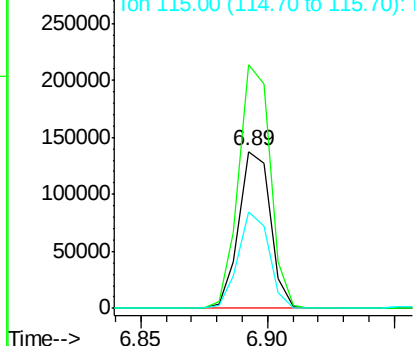
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-2

Tgt Ion:152 Resp: 119011
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.4 191.2
 115 61.4 46.2 69.4

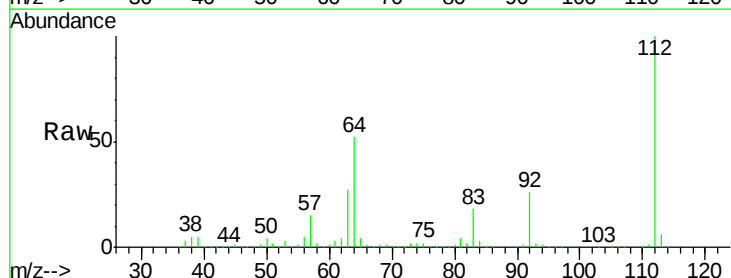


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

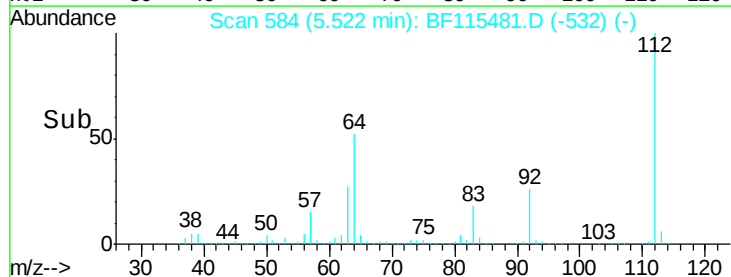
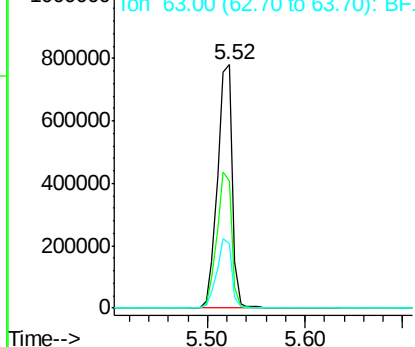


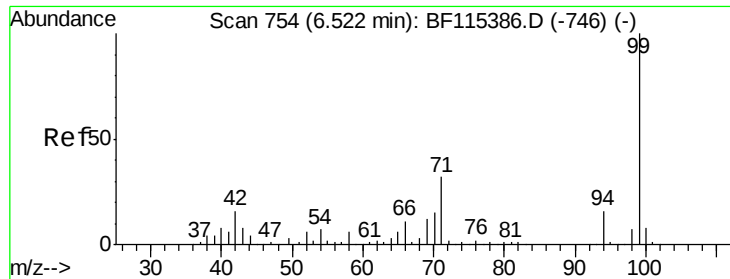
#5
 2-Fluorophenol
 Concen: 106.654 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Tgt Ion:112 Resp: 821536
 Ion Ratio Lower Upper
 112 100
 64 52.5 44.2 66.2
 63 26.7 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: 97.683 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-2

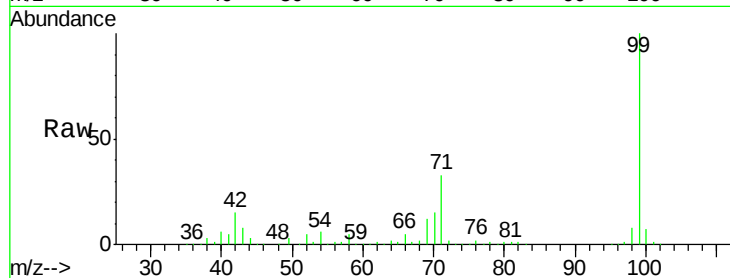
Tgt Ion: 99 Resp: 956938

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

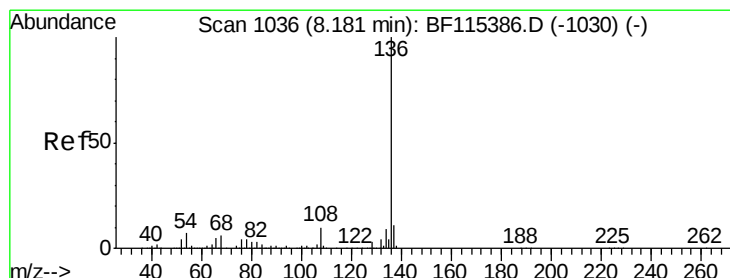
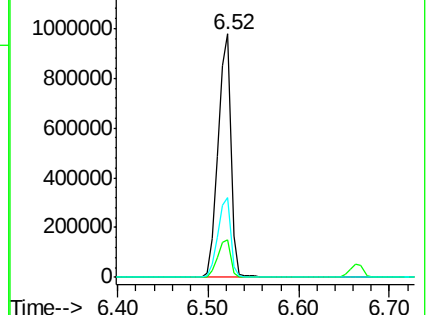
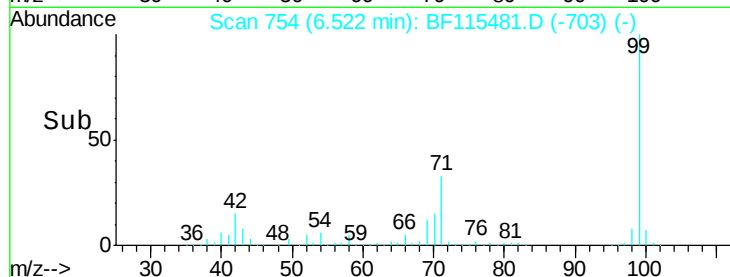
71 32.6 26.5 39.7



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: BF115481.D

Acq: 11 Jul 2019 3:00

Tgt Ion: 136 Resp: 446189

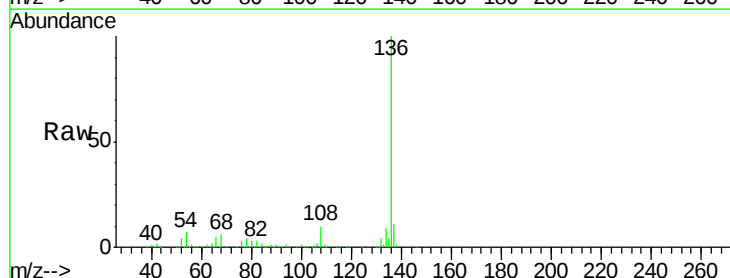
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.4 8.0

68 6.2 4.8 7.2

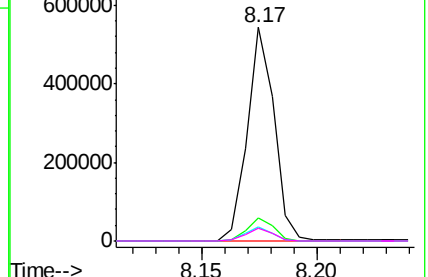
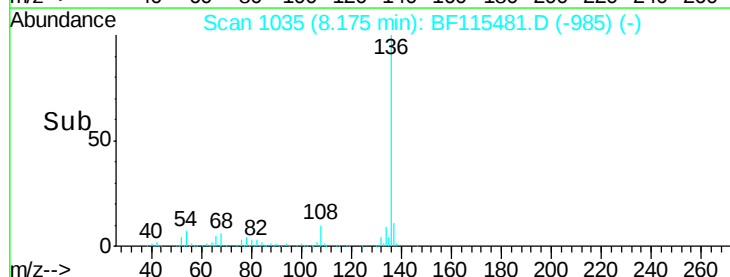


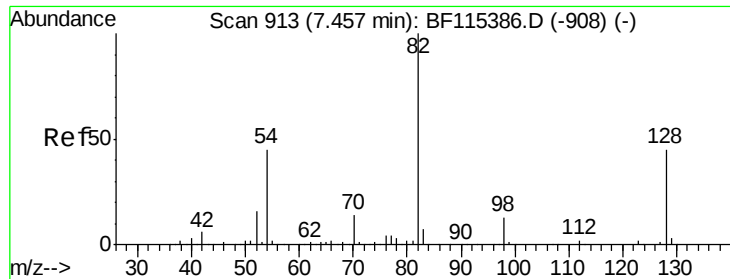
Abundance Ion 136.00 (135.70 to 136.70): E

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

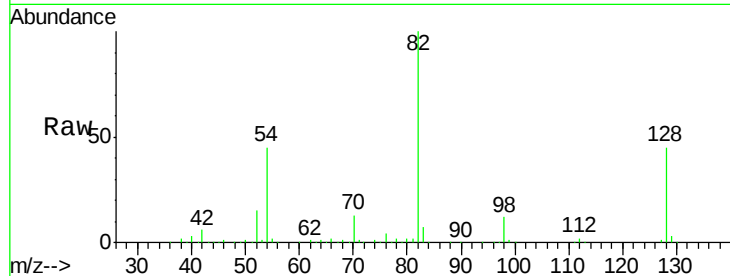




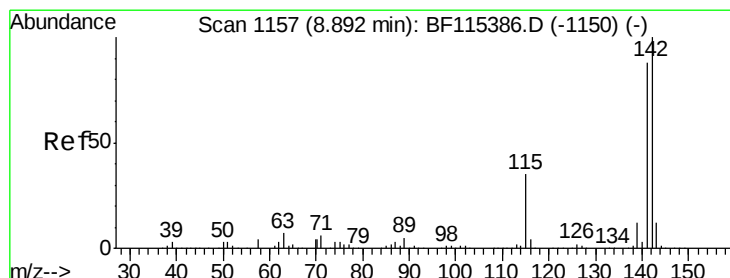
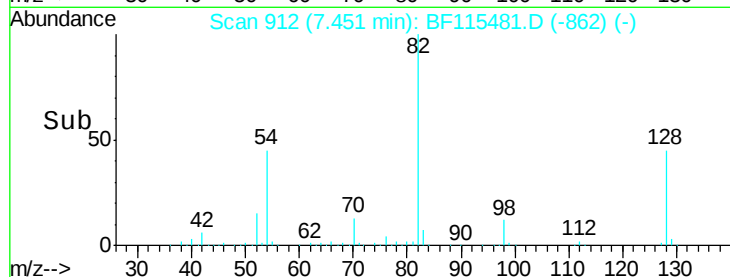
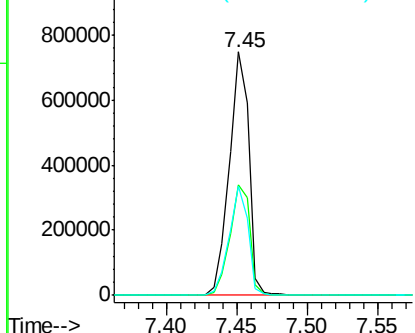
#23
 Nitrobenzene-d5
 Concen: 96.022 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-2

Tgt Ion: 82 Resp: 725143
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.7 55.1
 54 44.7 35.6 53.4

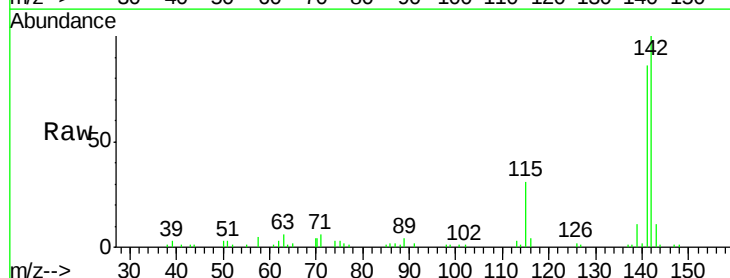


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

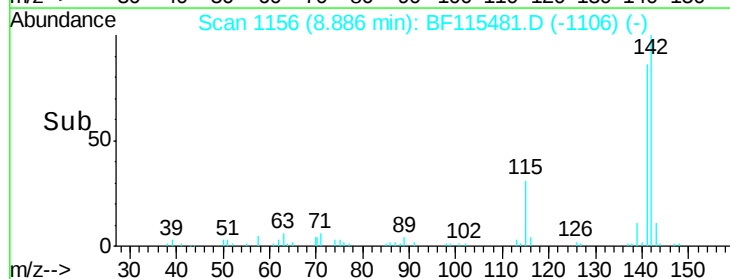
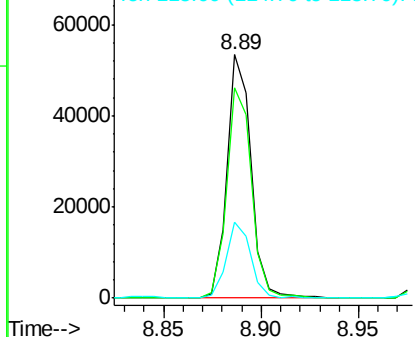


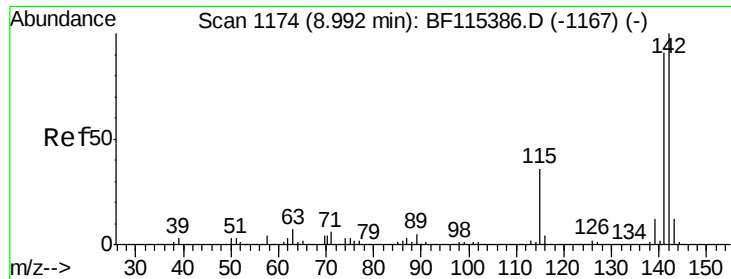
#37
 2-Methylnaphthalene
 Concen: 3.062 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Tgt Ion: 142 Resp: 45354
 Ion Ratio Lower Upper
 142 100
 141 86.2 72.1 108.1
 115 31.1 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): BF1
 Ion 141.00 (140.70 to 141.70): BF1
 Ion 115.00 (114.70 to 115.70): BF1

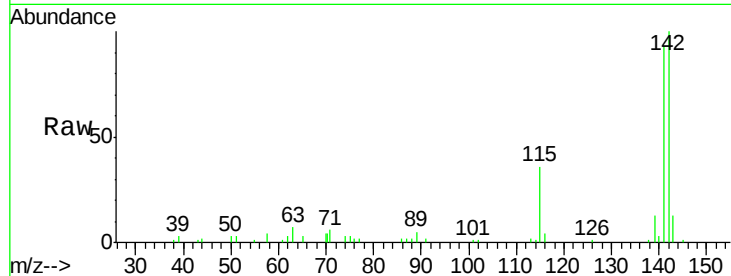




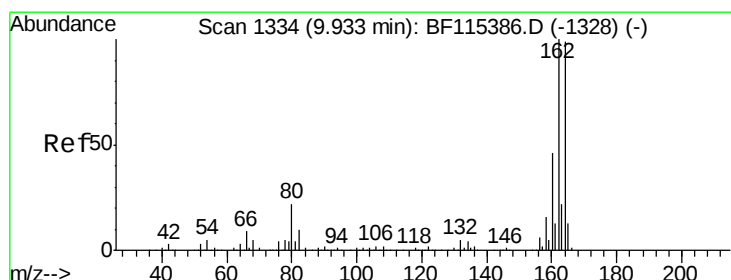
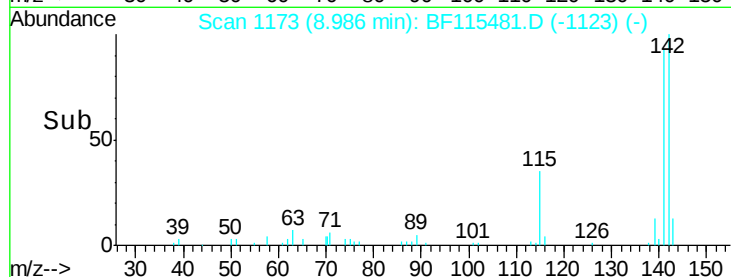
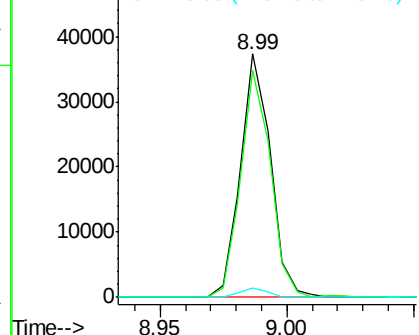
#38
 1-Methylnaphthalene
 Concen: 2.172 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-2

Tgt Ion:142 Resp: 30695
 Ion Ratio Lower Upper
 142 100
 141 93.1 74.3 111.5
 116 3.6 3.1 4.7

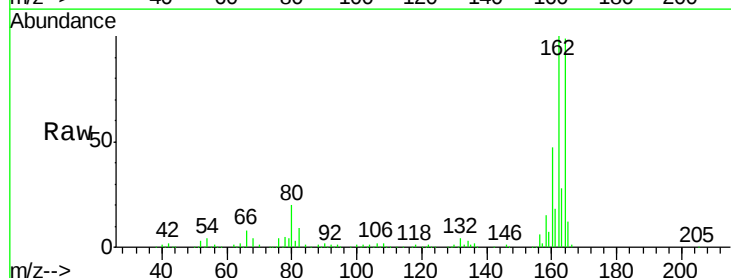


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

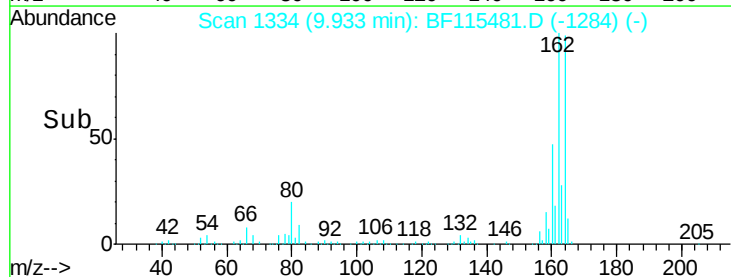
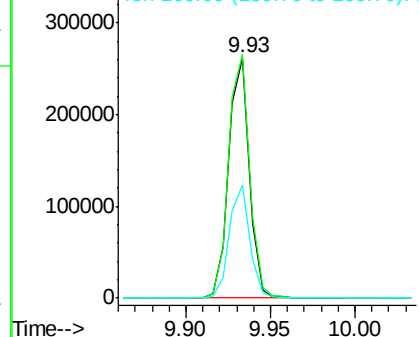


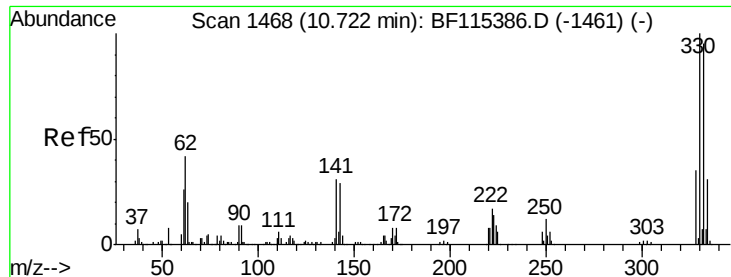
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115481.D
 Acq: 11 Jul 2019 3:00

Tgt Ion:164 Resp: 222019
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.3 123.5
 160 47.3 37.2 55.8



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: 136.234 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-2

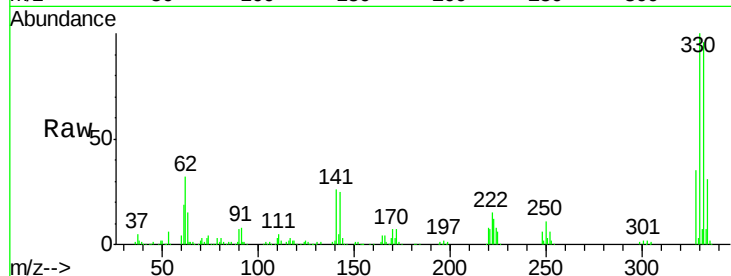
Tgt Ion:330 Resp: 334426

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

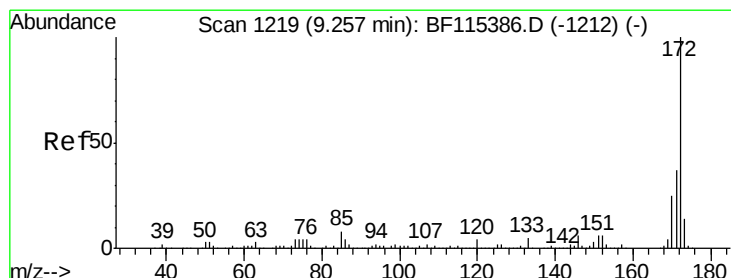
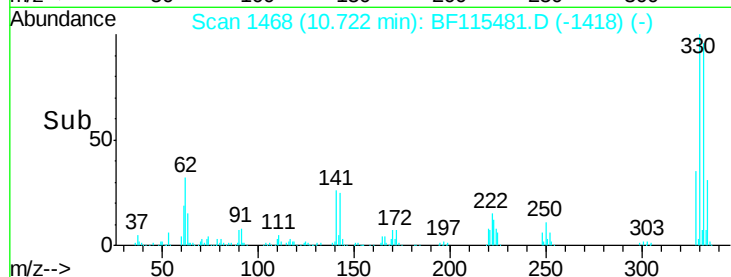
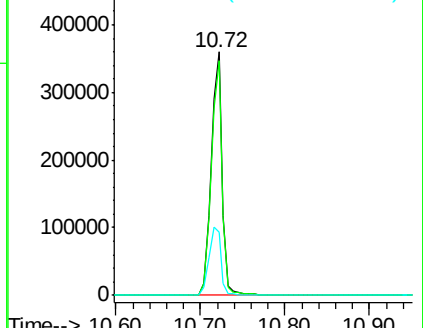
141 30.6 24.7 37.1



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: 103.241 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

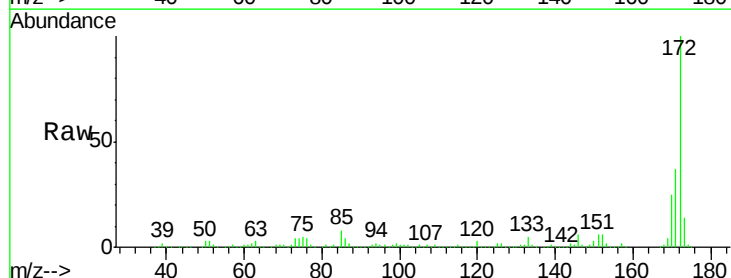
Tgt Ion:172 Resp: 1306249

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.8

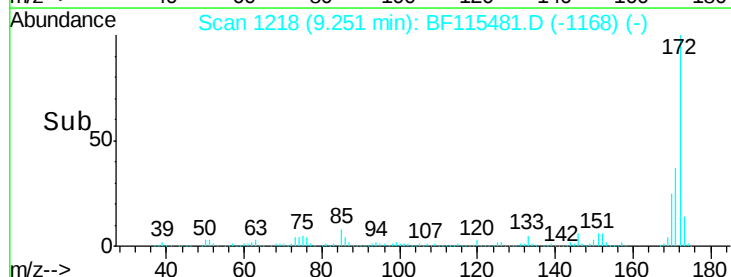
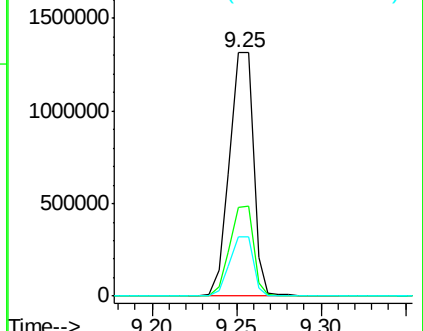
170 24.5 20.0 30.0

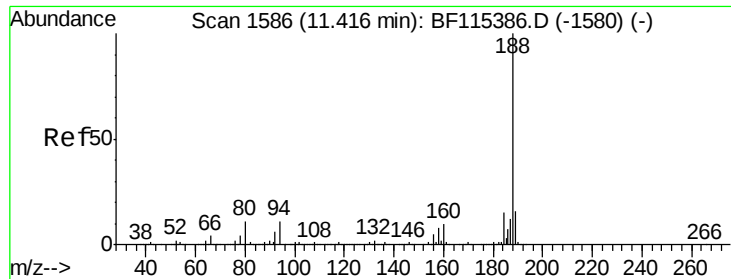


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-2

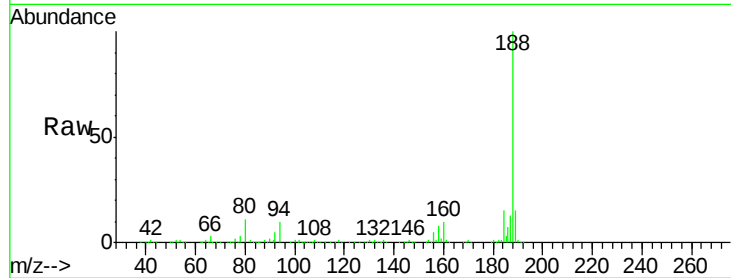
Tgt Ion:188 Resp: 419899

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.8

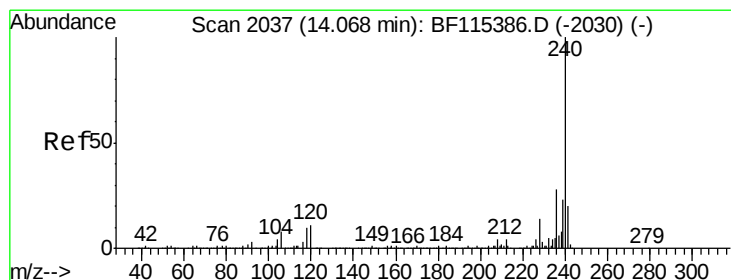
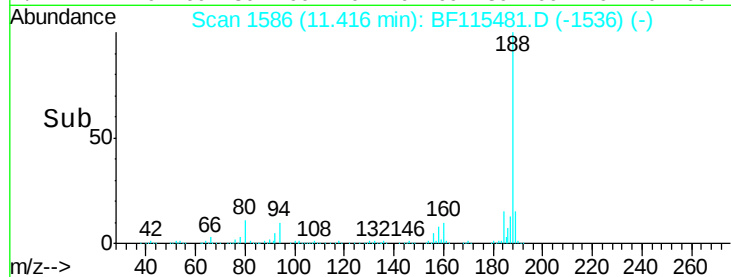
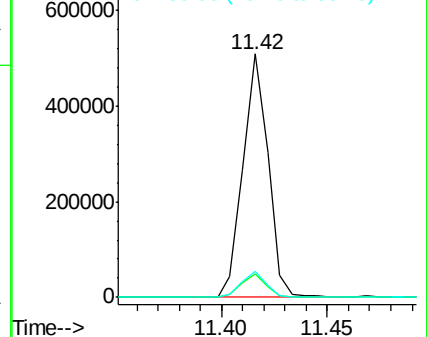
80 10.8 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

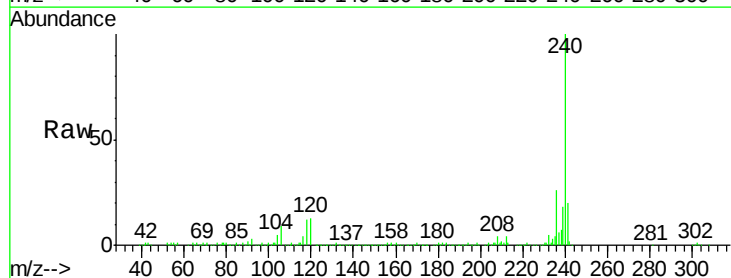
Tgt Ion:240 Resp: 335322

Ion Ratio Lower Upper

240 100

120 12.9 10.2 15.4

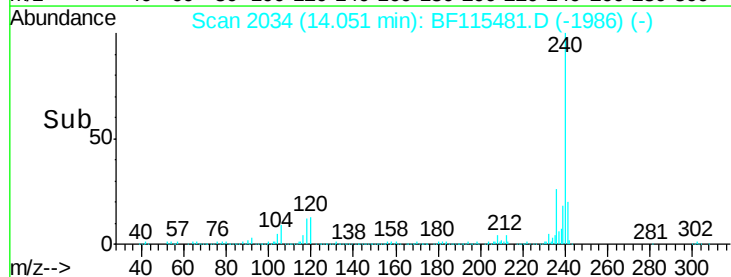
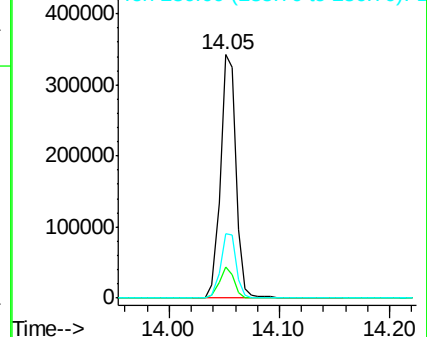
236 26.3 21.1 31.7

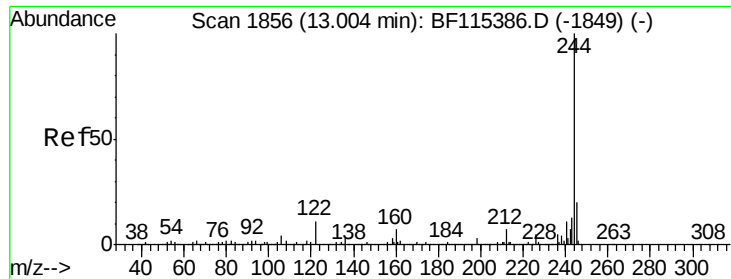


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.366 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115481.D

Acq: 11 Jul 2019 3:00

Instrument :

BNA_F

ClientSampleId :

SOIL-SAMPLE-2

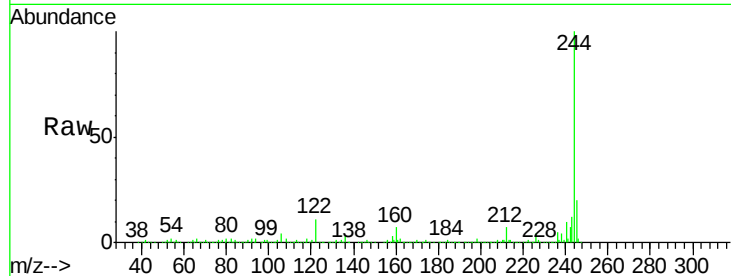
Tgt Ion:244 Resp: 1447171

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

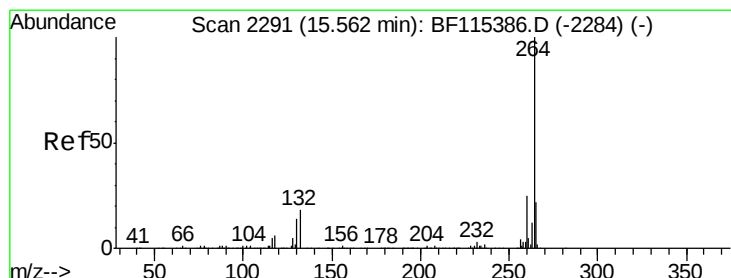
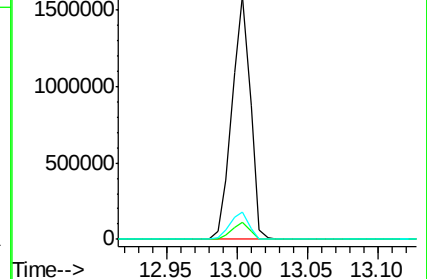
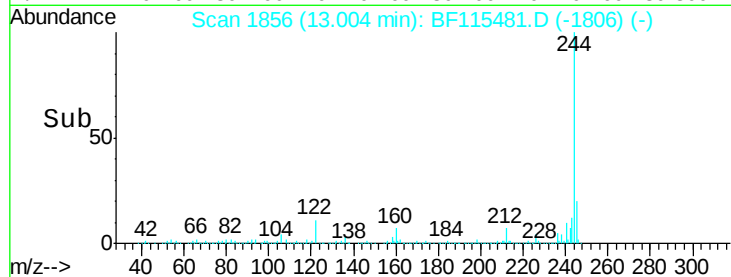
122 11.4 9.1 13.7



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: BF115481.D

Acq: 11 Jul 2019 3:00

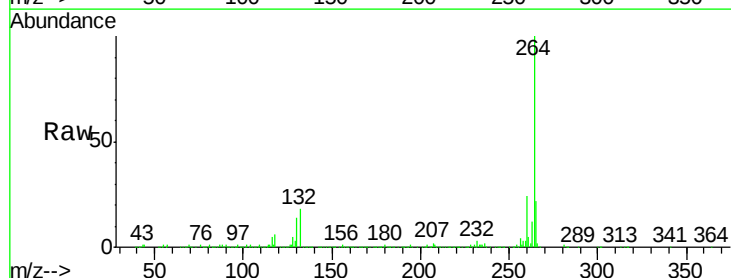
Tgt Ion:264 Resp: 389077

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.9 17.8 26.6



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

