

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115470.D
 Acq On : 10 Jul 2019 22:09
 Operator : HP/JU
 Sample : K3694-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Quant Time: Jul 11 05:07:02 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	139918	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	522619	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266226	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	530622	20.00	ng	0.00
76) Chrysene-d12	14.05	240	405068	20.00	ng	-0.02
87) Perylene-d12	15.53	264	366206	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	885377	97.77	ng	0.00
7) Phenol-d6	6.52	99	992253	86.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	856508	96.83	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	385164	130.85	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1520032	100.19	ng	0.00
79) Terphenyl-d14	13.00	244	1887157	95.39	ng	0.00

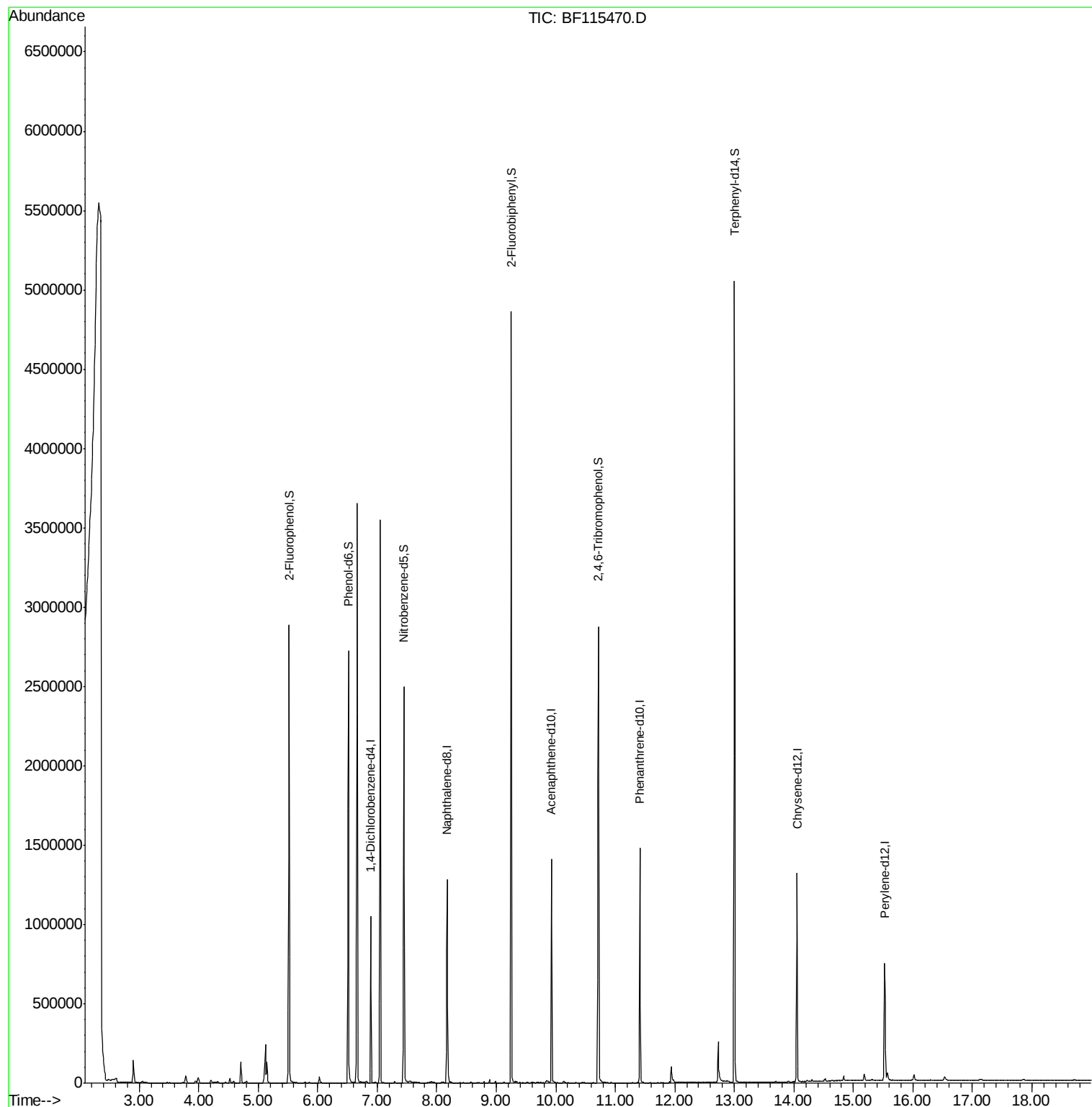
Target Compounds	Qvalue
------------------	--------

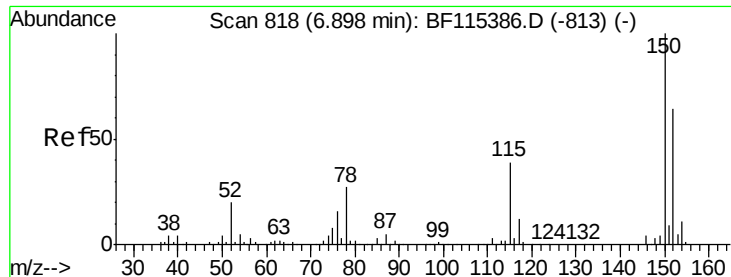
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115470.D
Acq On : 10 Jul 2019 22:09
Operator : HP/JU
Sample : K3694-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Quant Time: Jul 11 05:07:02 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



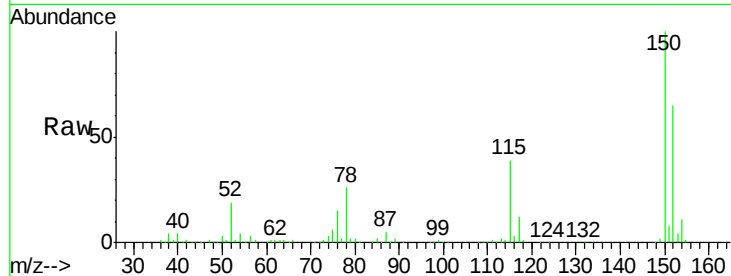


#1

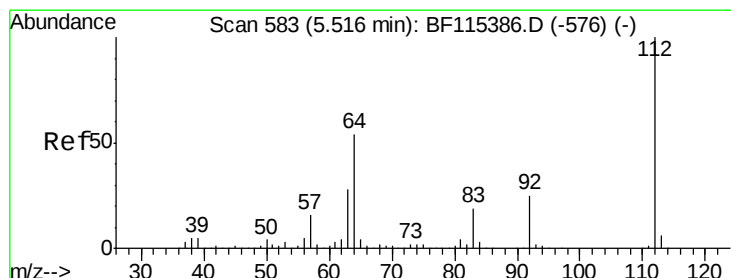
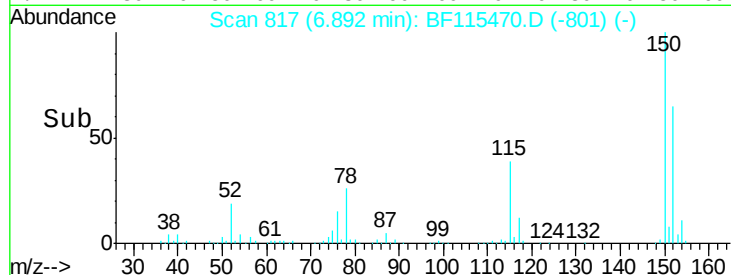
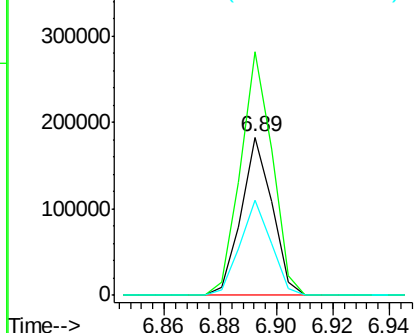
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115470.D
Acq: 10 Jul 2019 22:09

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Tgt Ion:152 Resp: 139918
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.2
115 60.2 46.2 69.4



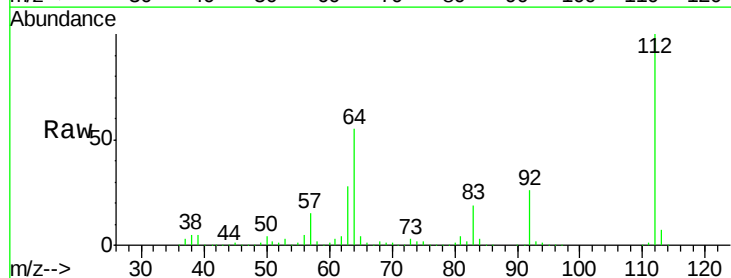
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



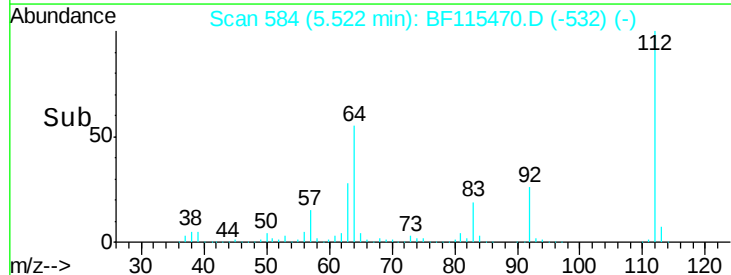
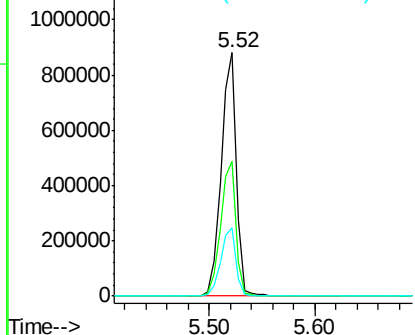
#5

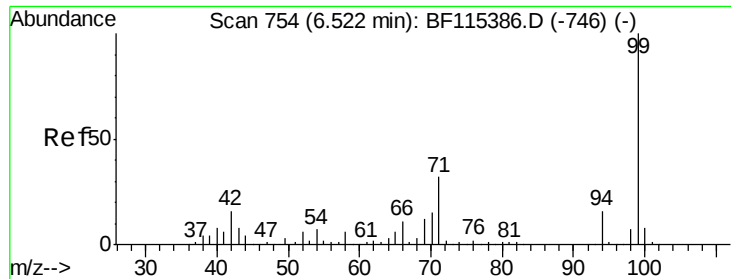
2-Fluorophenol
Concen: 97.767 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115470.D
Acq: 10 Jul 2019 22:09

Tgt Ion:112 Resp: 885377
Ion Ratio Lower Upper
112 100
64 55.3 44.2 66.2
63 27.8 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: 86.153 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115470.D

Acq: 10 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

GC-SOIL-PILE

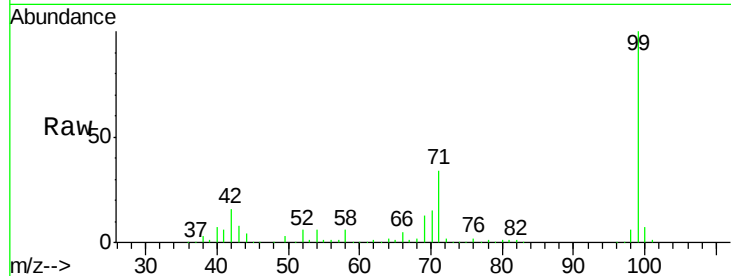
Tgt Ion: 99 Resp: 992253

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

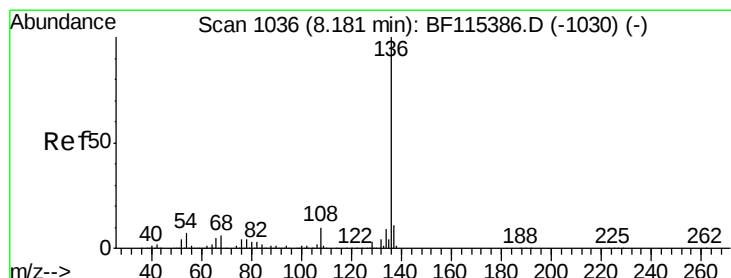
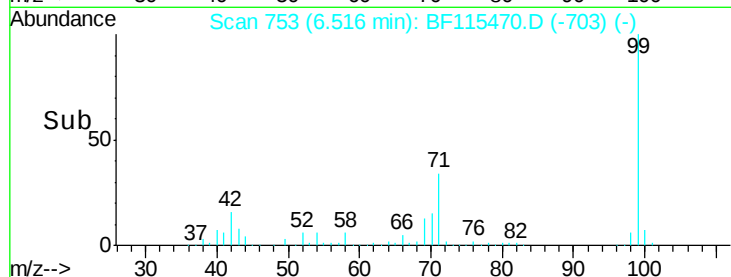
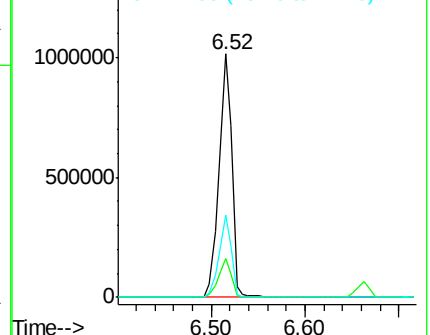
71 33.6 26.5 39.7



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: BF115470.D

Acq: 10 Jul 2019 22:09

Tgt Ion: 136 Resp: 522619

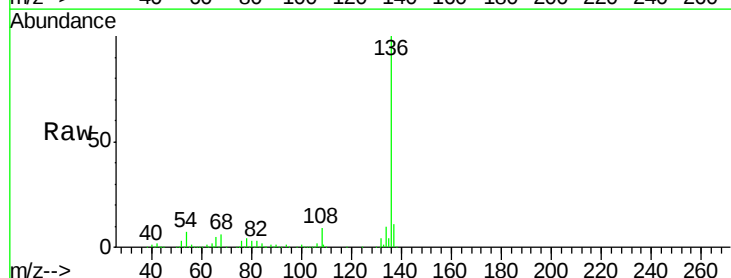
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.6 5.4 8.0

68 6.0 4.8 7.2

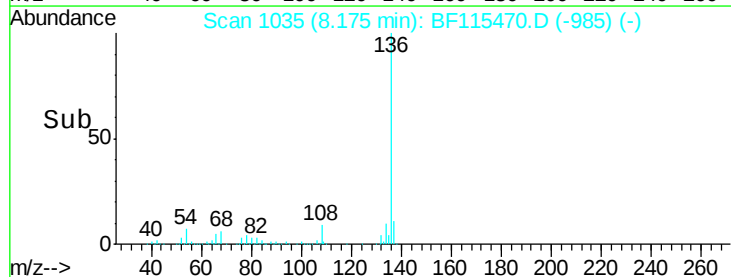
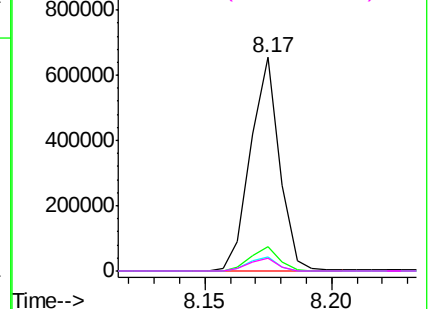


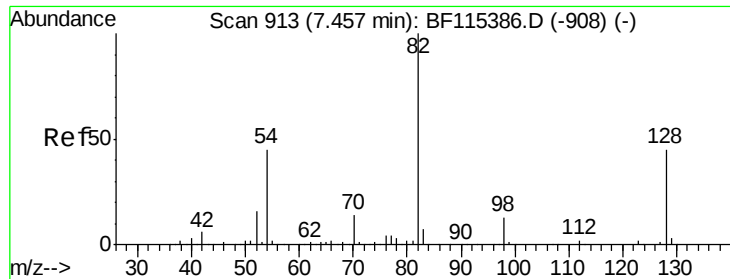
Abundance Ion 136.00 (135.70 to 136.70): E

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

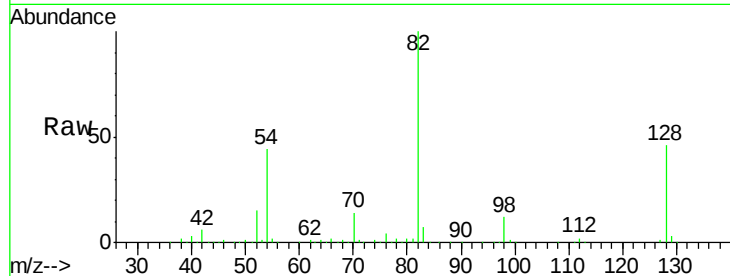




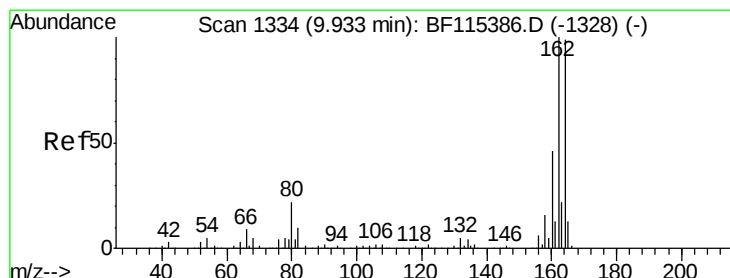
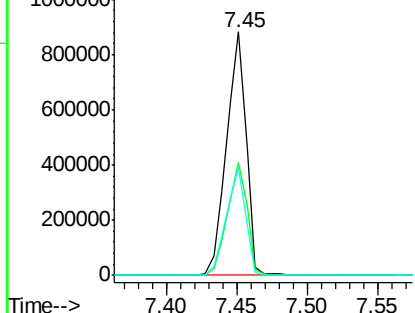
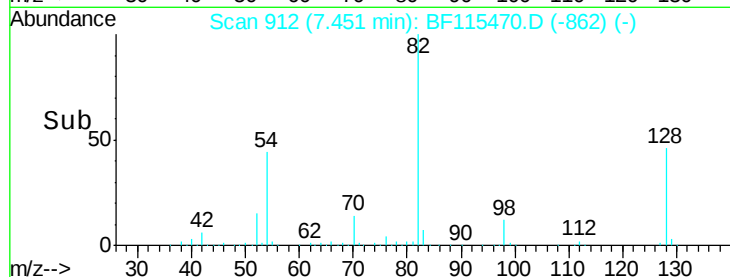
#23
 Nitrobenzene-d5
 Concen: 96.830 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115470.D
 Acq: 10 Jul 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Tgt Ion: 82 Resp: 856508
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.7 55.1
 54 44.1 35.6 53.4

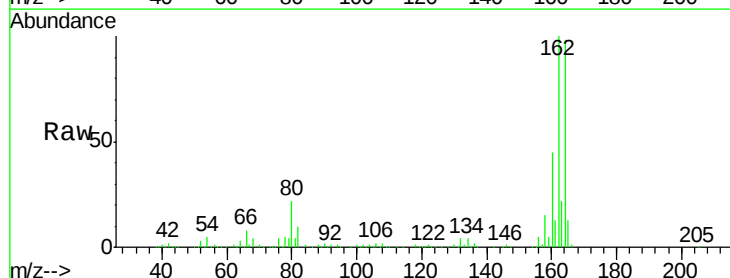


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

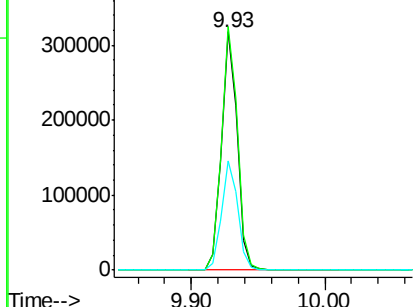
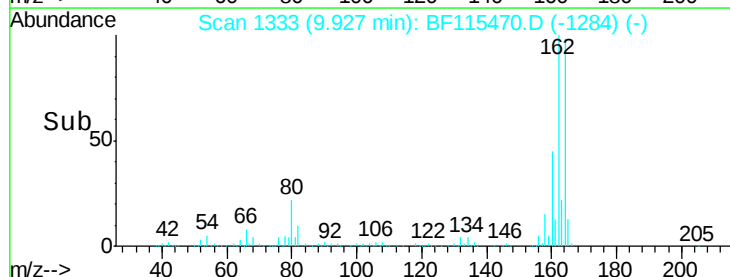


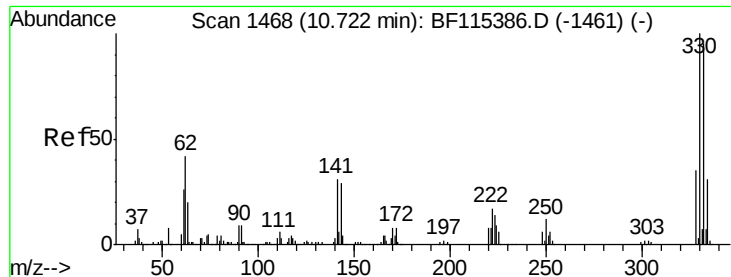
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115470.D
 Acq: 10 Jul 2019 22:09

Tgt Ion: 164 Resp: 266226
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.3 123.5
 160 46.1 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

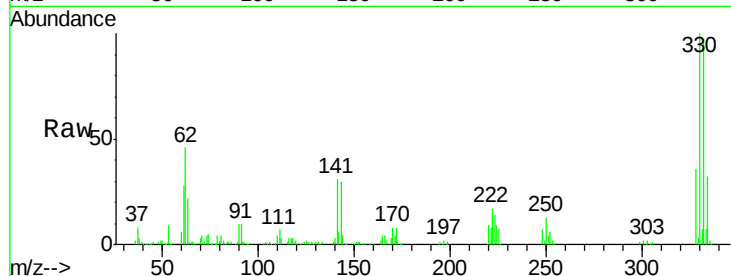




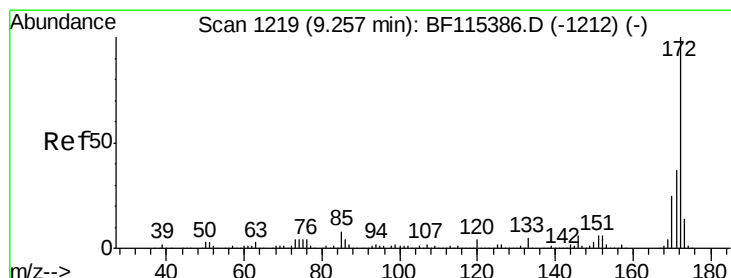
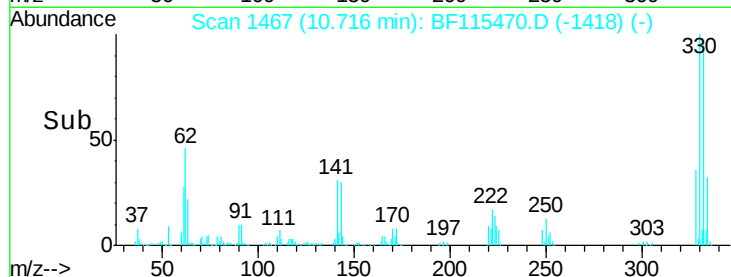
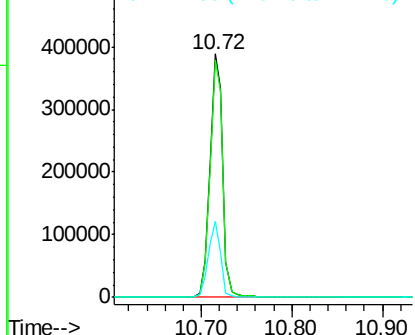
#42
 2,4,6-Tribromophenol
 Concen: 130.849 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115470.D
 Acq: 10 Jul 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Tgt Ion:330 Resp: 385164
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.0
 141 30.3 24.7 37.1

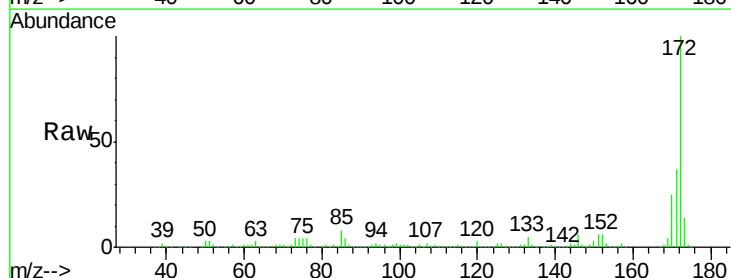


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

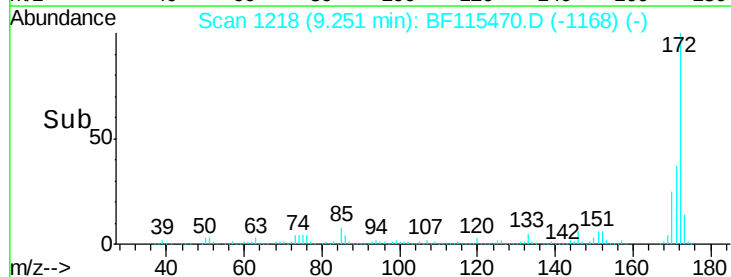
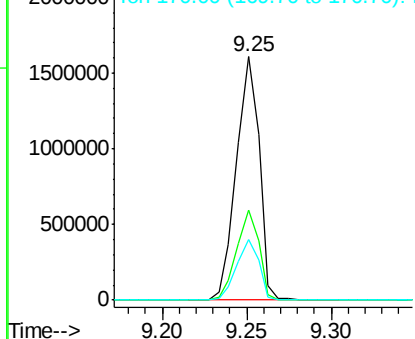


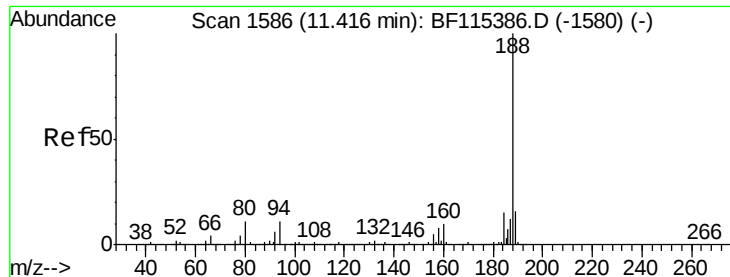
#45
 2-Fluorobiphenyl
 Concen: 100.188 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115470.D
 Acq: 10 Jul 2019 22:09

Tgt Ion:172 Resp: 1520032
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.8
 170 24.7 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

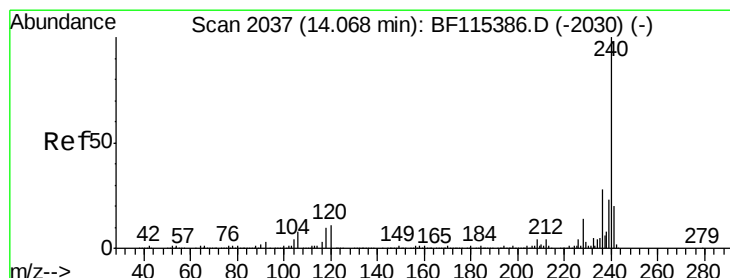
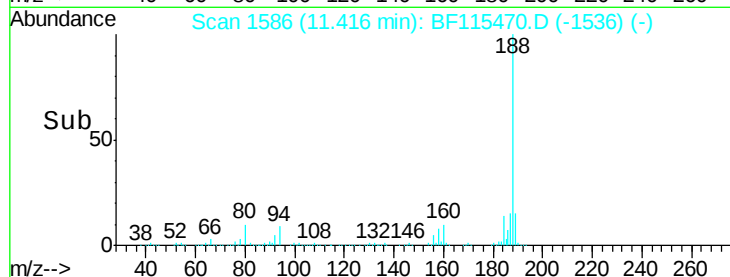
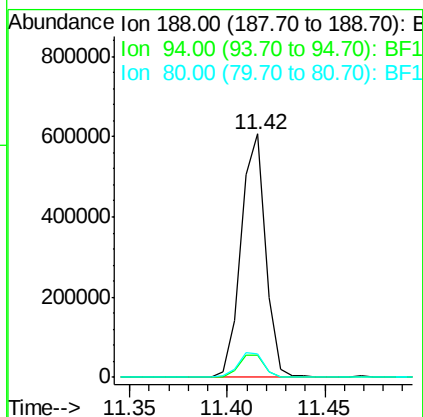
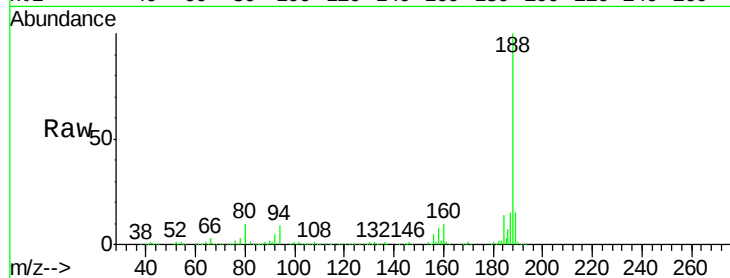




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115470.D
Acq: 10 Jul 2019 22:09

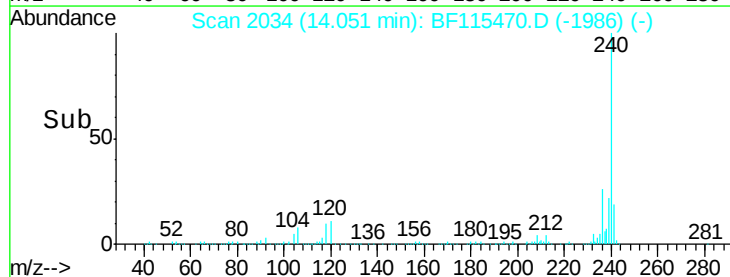
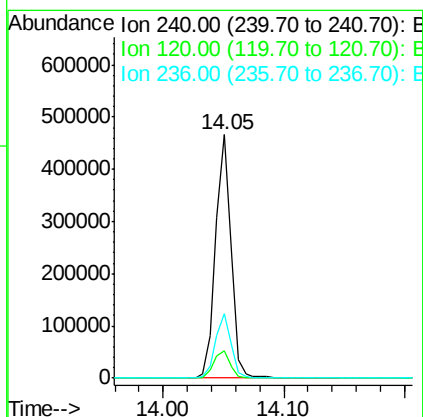
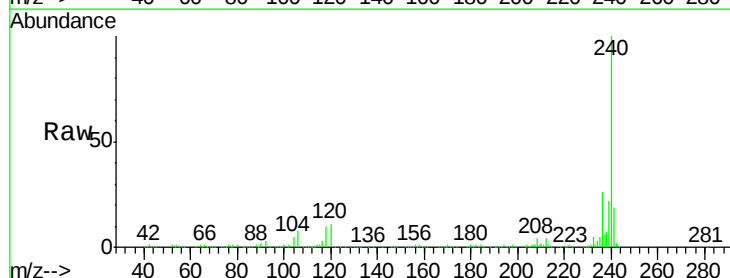
Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

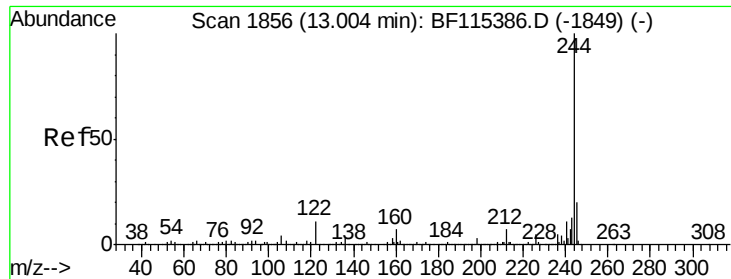
Tgt Ion:188 Resp: 530622
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 9.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115470.D
Acq: 10 Jul 2019 22:09

Tgt Ion:240 Resp: 405068
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 95.391 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115470.D

Acq: 10 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

GC-SOIL-PILE

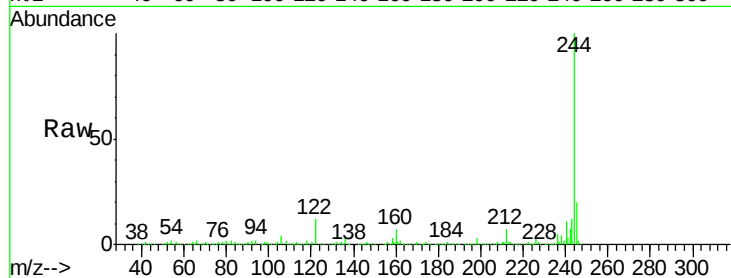
Tgt Ion:244 Resp: 1887157

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

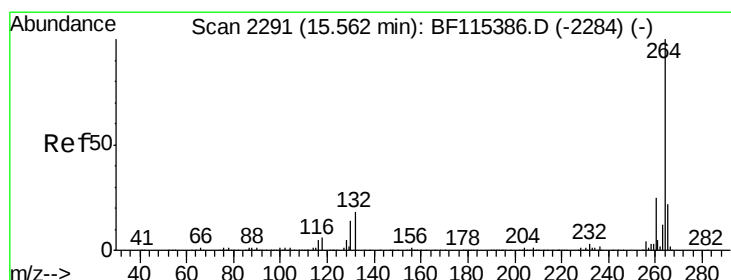
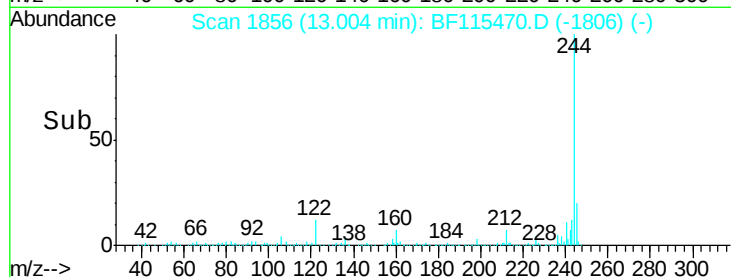
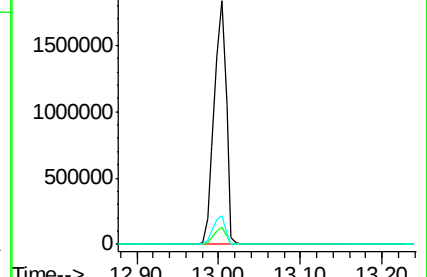
122 11.6 9.1 13.7



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# 2285

Delta R.T. -0.04 min

Lab File: BF115470.D

Acq: 10 Jul 2019 22:09

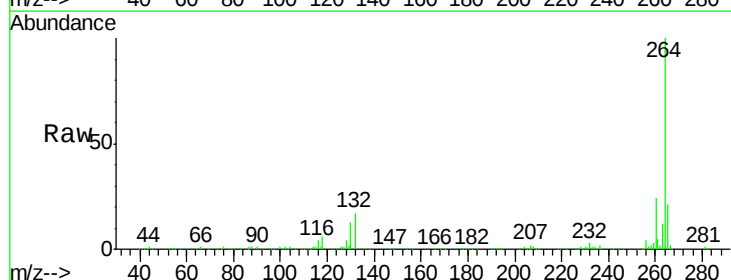
Tgt Ion:264 Resp: 366206

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.1 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

