

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115066.D
 Acq On : 15 Jun 2019 3:02
 Operator : HP/JU
 Sample : K3366-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 15 06:26:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

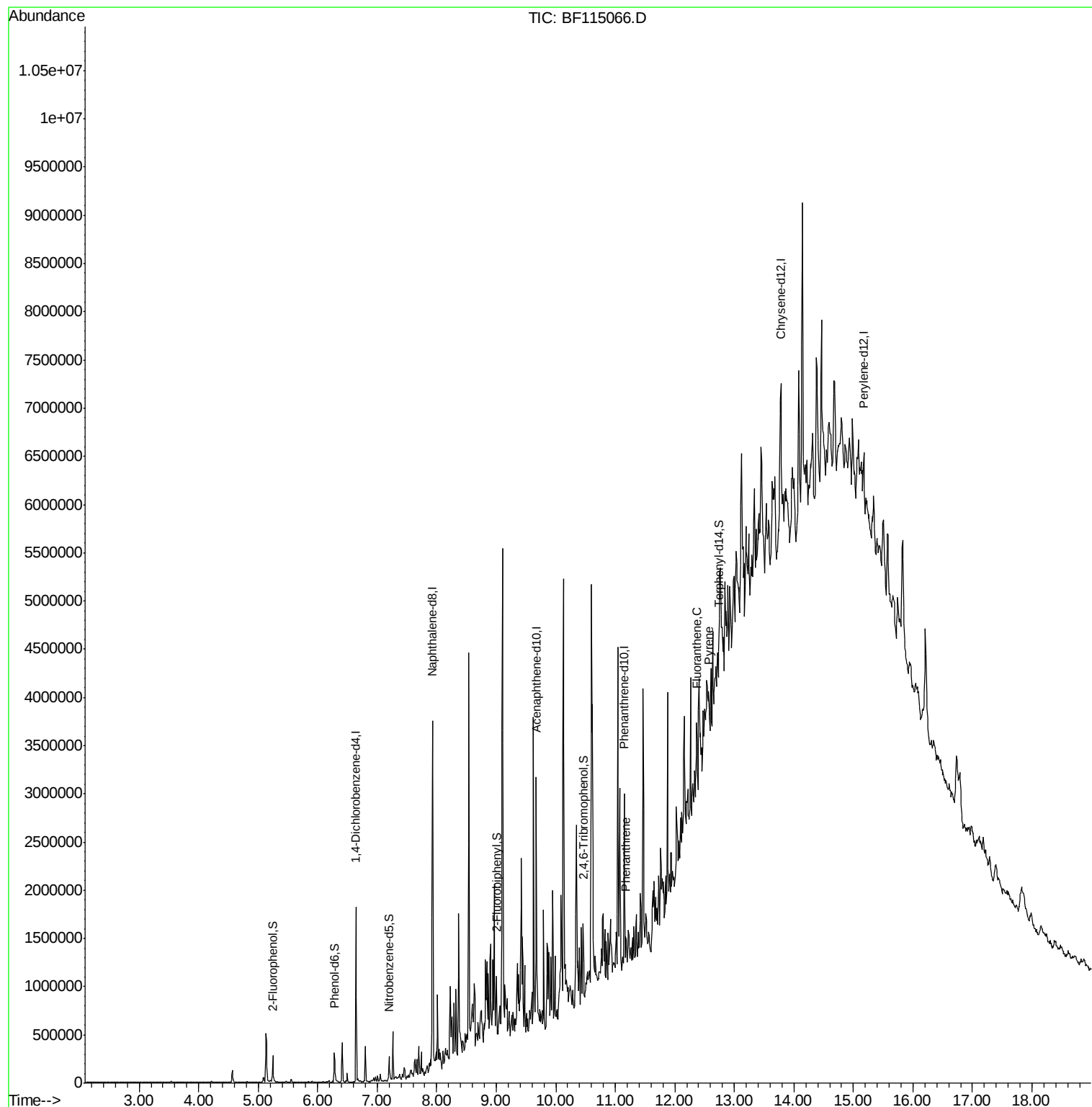
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	263232	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	960888	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	434206	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	677491	20.00	ng	0.00
76) Chrysene-d12	13.79	240	425974	20.00	ng	0.00
87) Perylene-d12	15.17	264	356221	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	103966	6.59	ng	-0.01
7) Phenol-d6	6.28	99	130044	6.84	ng	-0.02
23) Nitrobenzene-d5	7.20	82	73355	4.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	21563	4.64	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	166989	6.52	ng	0.00
79) Terphenyl-d14	12.73	244	113064	4.99	ng	0.00
Target Compounds						
71) Phenanthrene	11.17	178	122721	3.508	ng	95
75) Fluoranthene	12.36	202	102150	2.856	ng	95
78) Pyrene	12.58	202	97895m	2.523	ng	

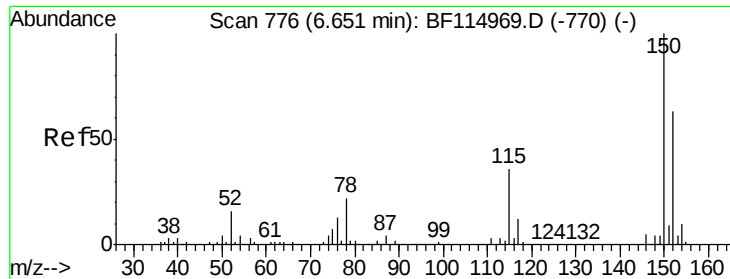
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Quant Time: Jun 15 06:26:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



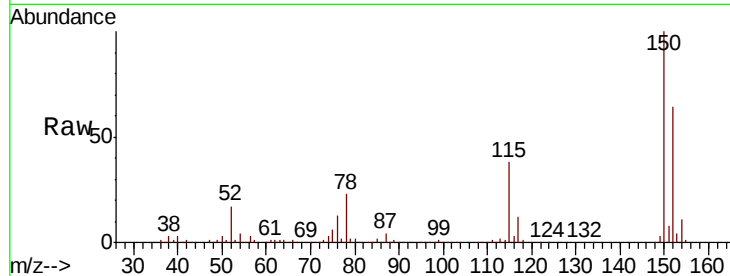


#1

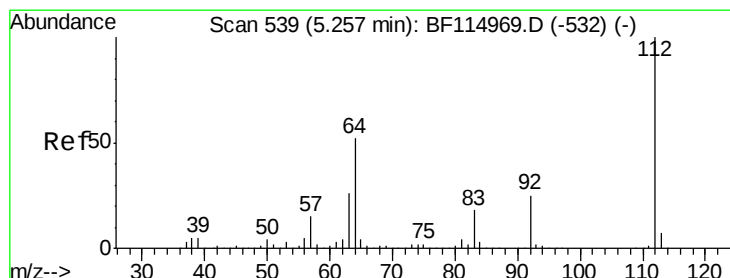
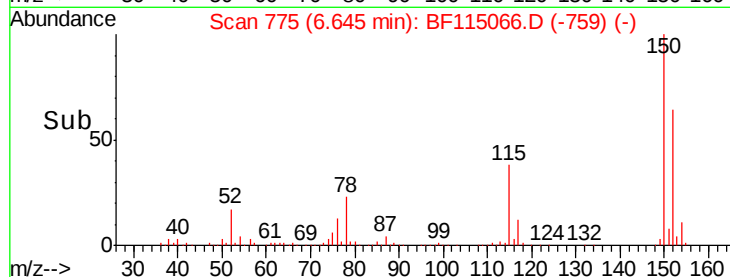
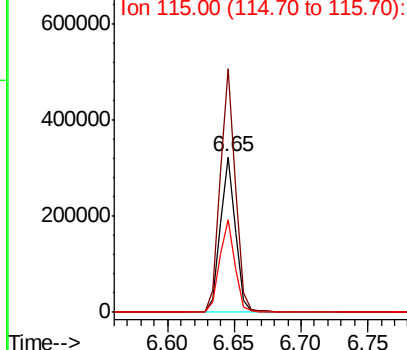
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115066.D
 Acq: 15 Jun 2019 3:02

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	59.8	46.0	69.0



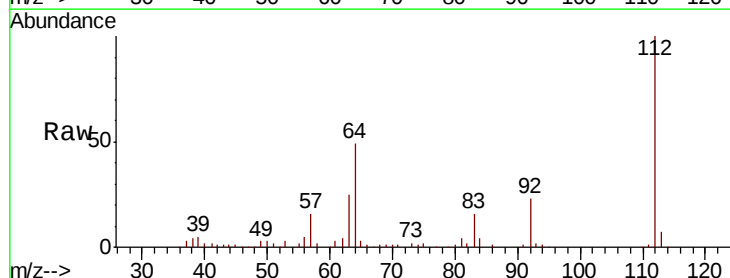
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



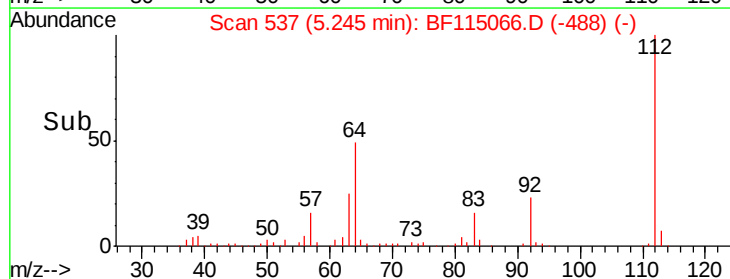
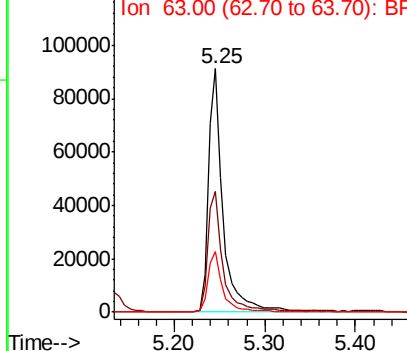
#5

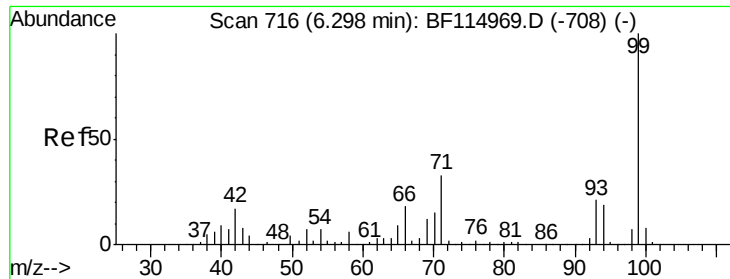
2-Fluorophenol
 Concen: 6.595 ng
 RT: 5.25 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF115066.D
 Acq: 15 Jun 2019 3:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	41.6	62.4
63	25.0	20.9	31.3



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: 6.839 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

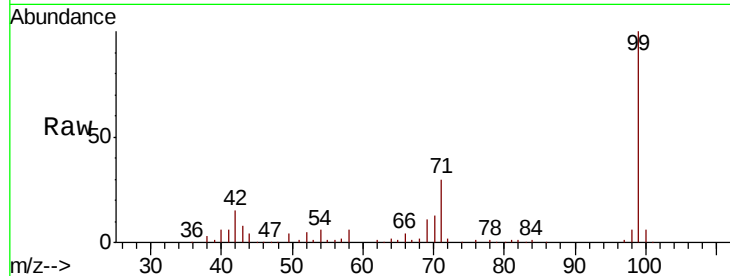
Tot Ion: 99 Resp: 130044

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.2

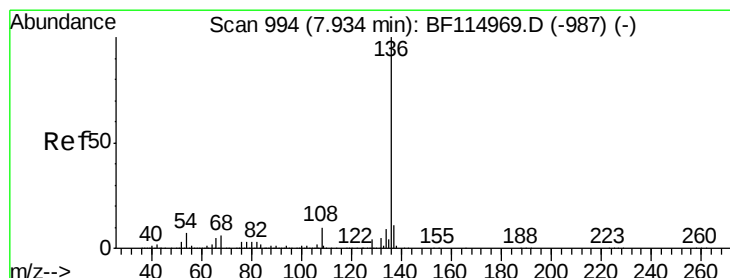
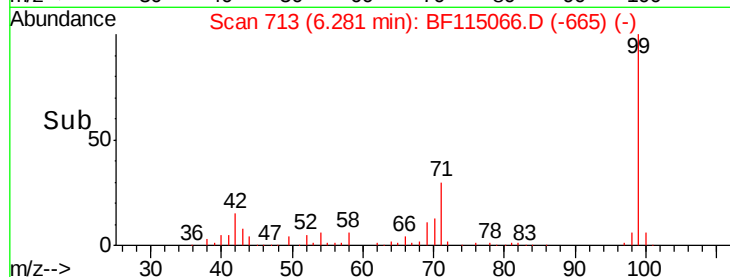
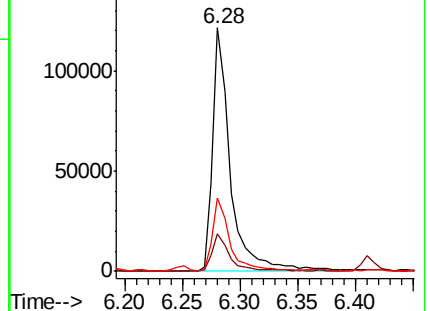
71 30.4 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

Tgt Ion: 136 Resp: 960888

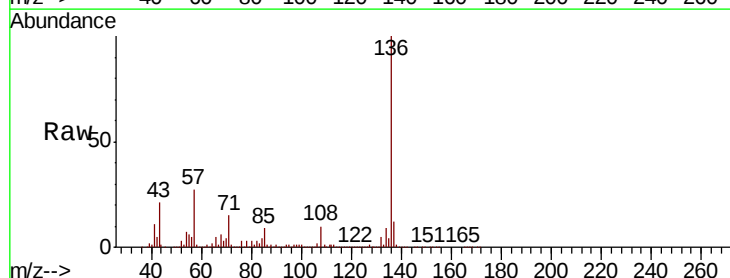
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.0 5.4 8.0

68 6.0 4.6 7.0

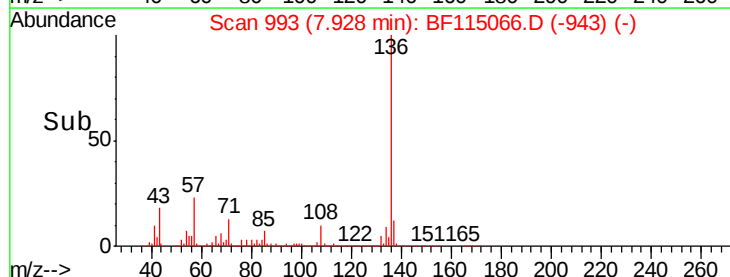
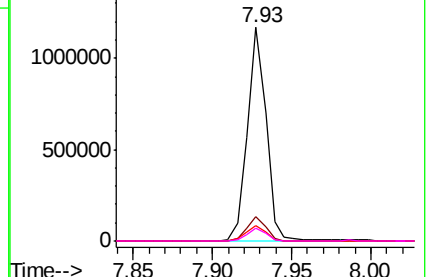


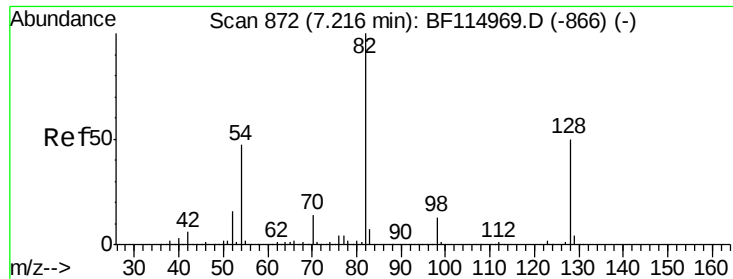
Abundance Ion 136.00 (135.70 to 136.70): E

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

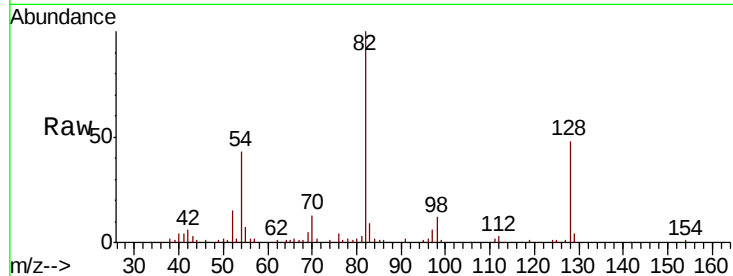




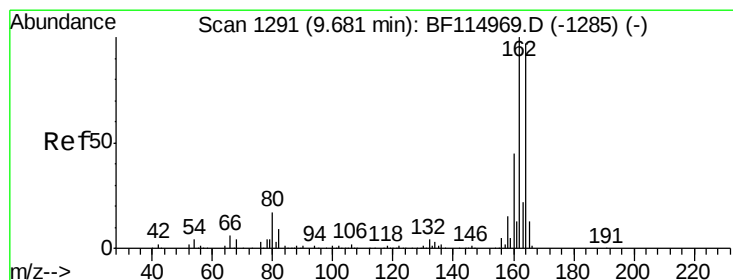
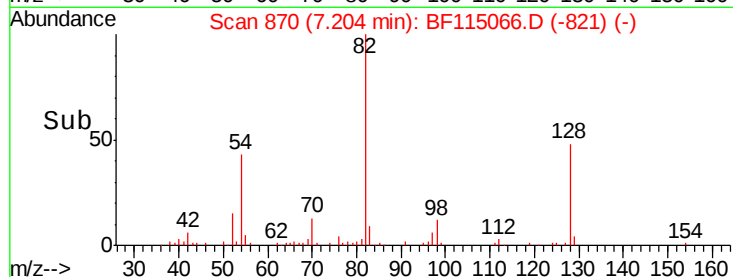
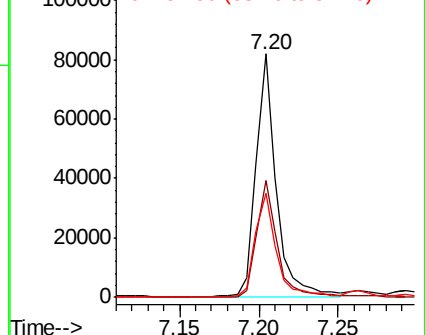
#23
Nitrobenzene-d5
Concen: 4.595 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	82	Resp	73355
Ion Ratio	Lower	Upper	
82	100		
128	47.8	39.9	59.9
54	42.8	37.3	55.9

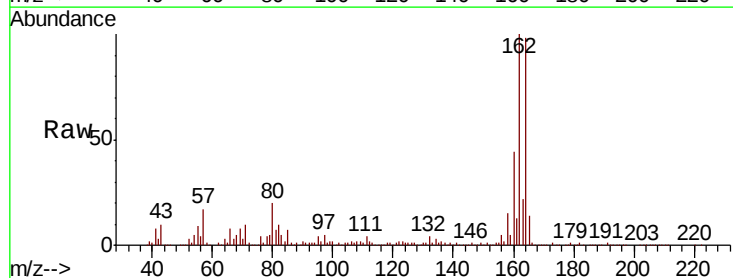


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

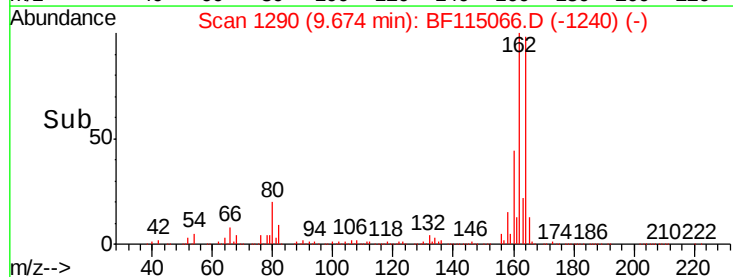
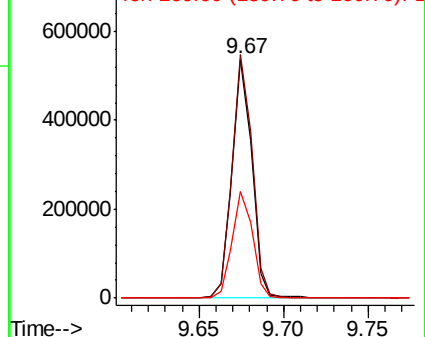


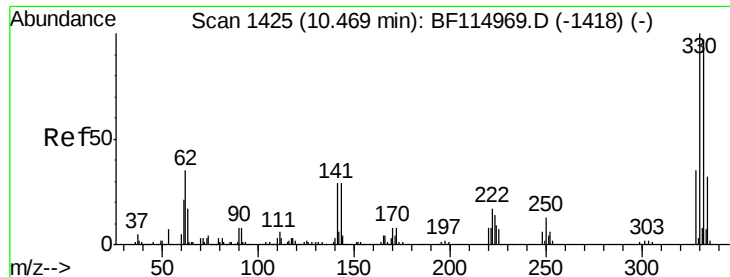
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion	164	Resp	434206
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.6	124.0
160	44.5	36.9	55.3



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

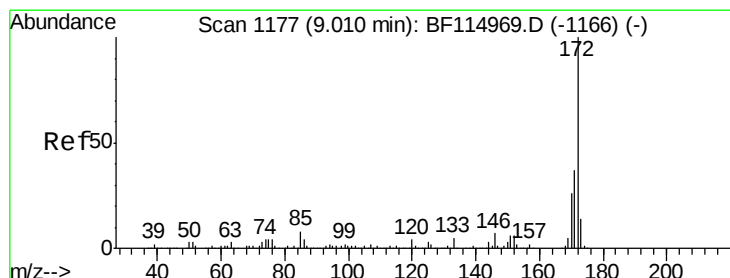
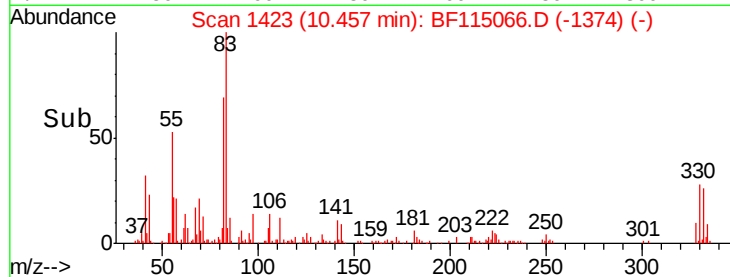
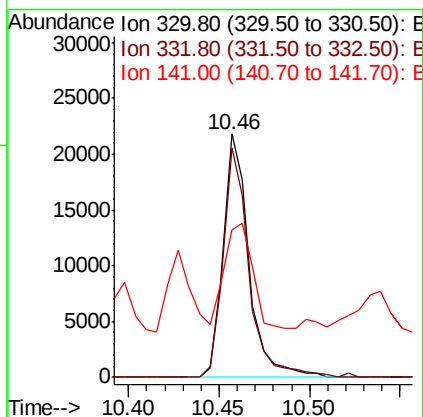
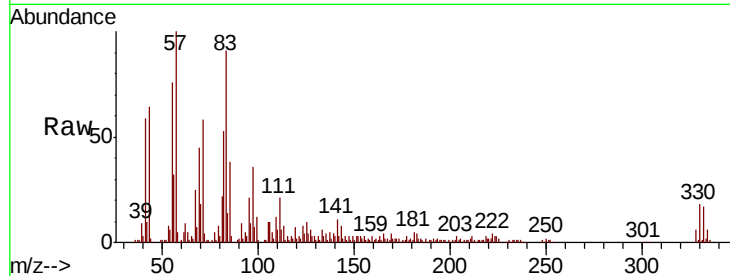




#42
 2,4,6-Tribromophenol
 Concen: 4.637 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115066.D
 Acq: 15 Jun 2019 3:02

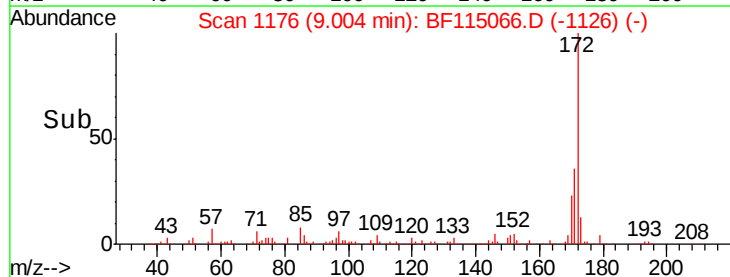
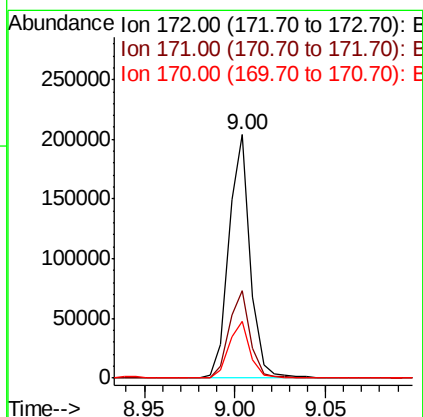
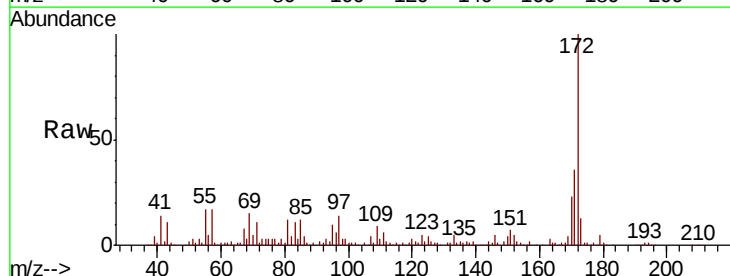
Instrument :
 BNA_F
 ClientSampled :
 OILY-SOIL

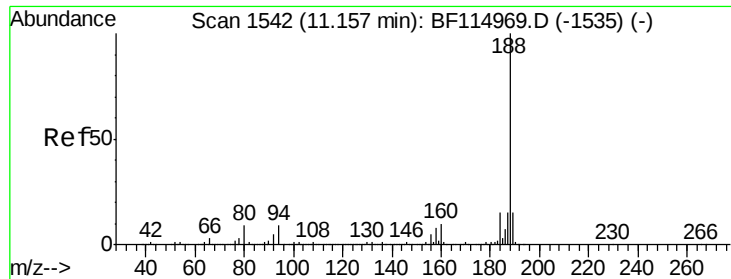
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.6	116.4
141	46.8	27.2	40.8#



#45
 2-Fluorobiphenyl
 Concen: 6.518 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115066.D
 Acq: 15 Jun 2019 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	23.2	20.6	31.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

Instrument :

BNA_F

ClientSampled :

OILY-SOIL

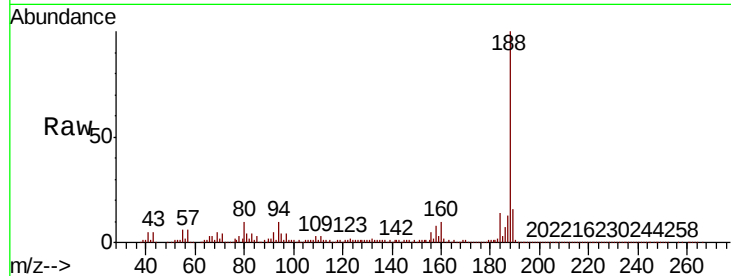
Tot Ion:188 Resp: 677491

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

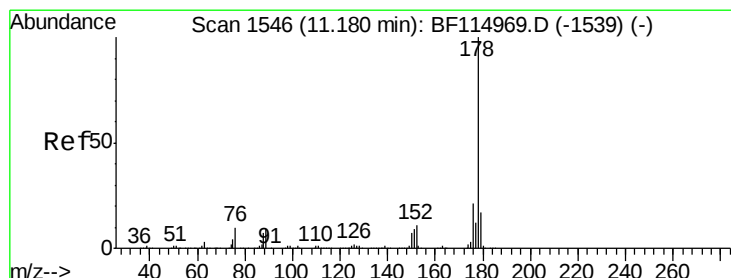
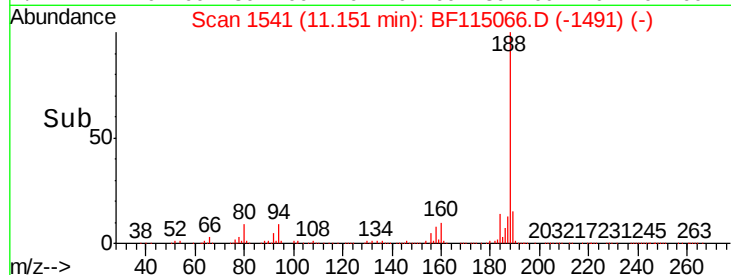
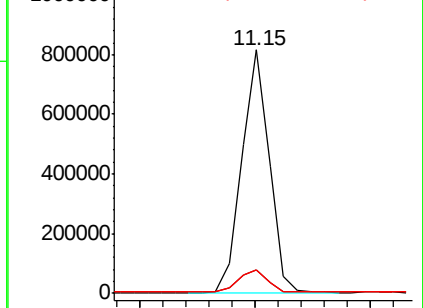
80 9.9 7.4 11.2



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



#71

Phenanthrene

Concen: 3.508 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

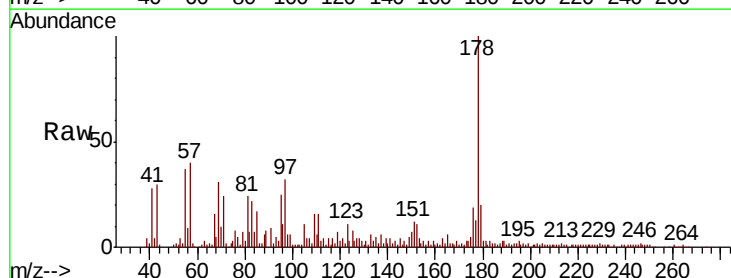
Tgt Ion:178 Resp: 122721

Ion Ratio Lower Upper

178 100

176 19.5 16.9 25.3

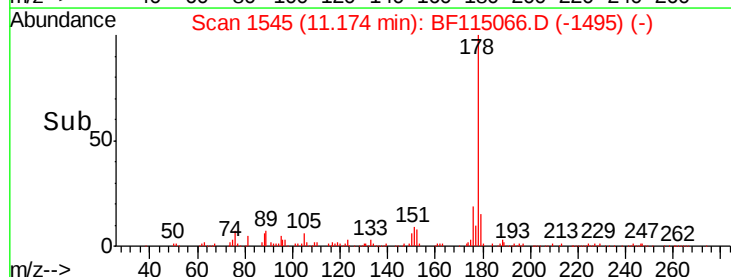
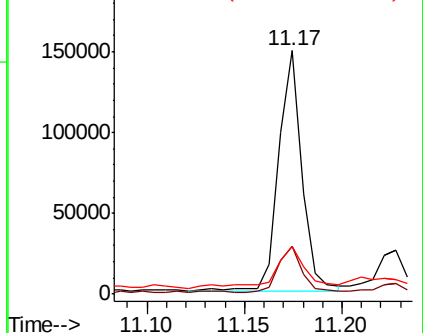
179 19.7 13.4 20.0

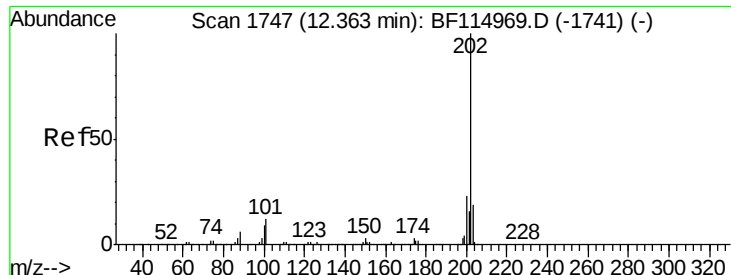


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.856 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

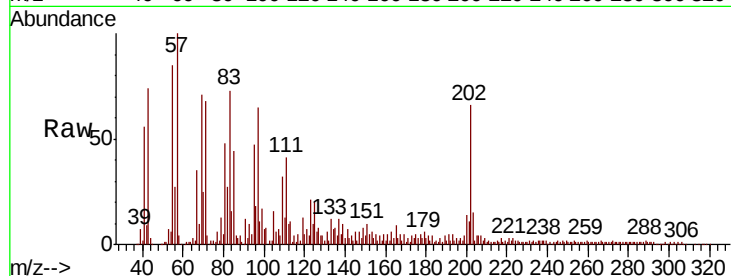
Tot Ion:202 Resp: 102150

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.4

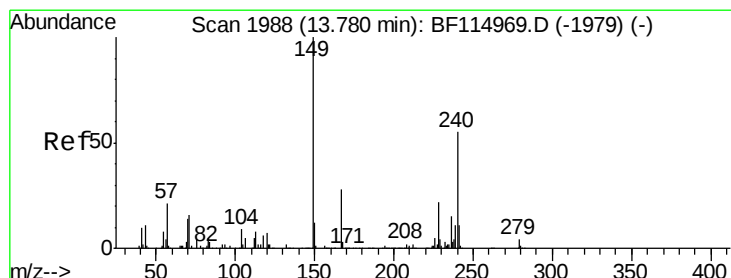
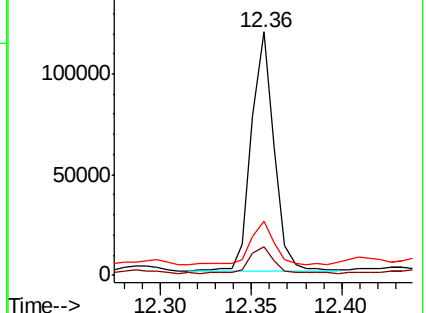
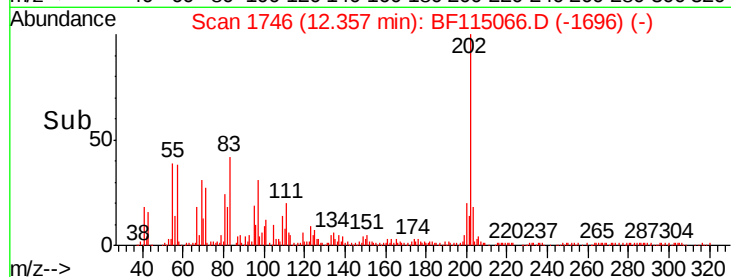
203 22.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF115066.D

Acq: 15 Jun 2019 3:02

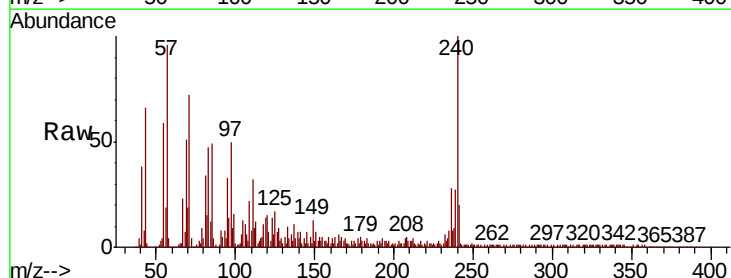
Tgt Ion:240 Resp: 425974

Ion Ratio Lower Upper

240 100

120 14.8 10.0 15.0

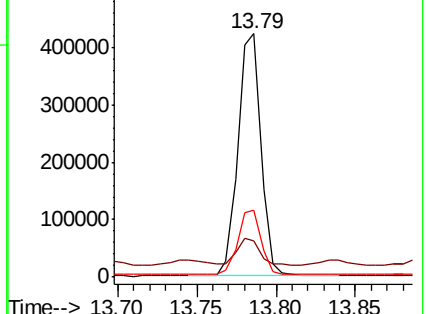
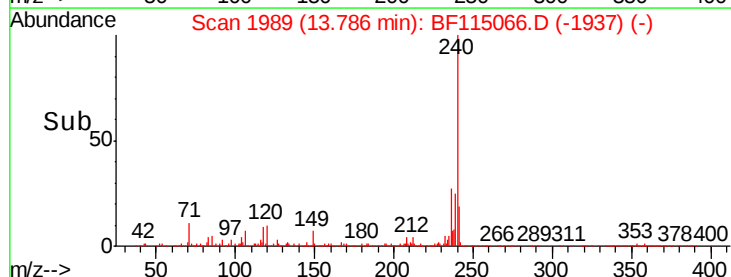
236 27.7 21.6 32.4

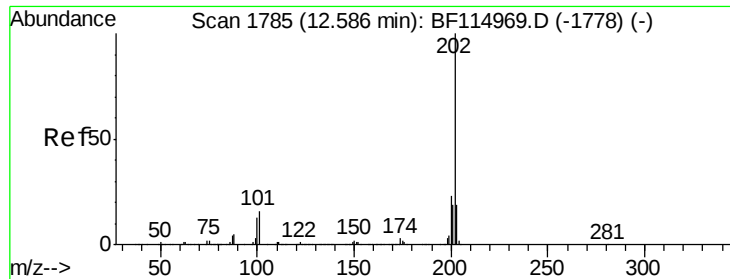


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

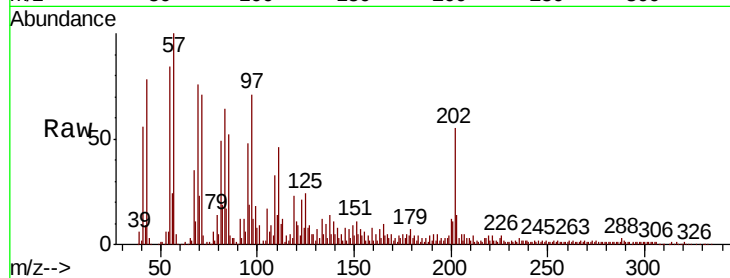




#78
Pvrene
Concen: 2.523 ng/mL
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.4	27.6
203	25.7	14.9	22.3

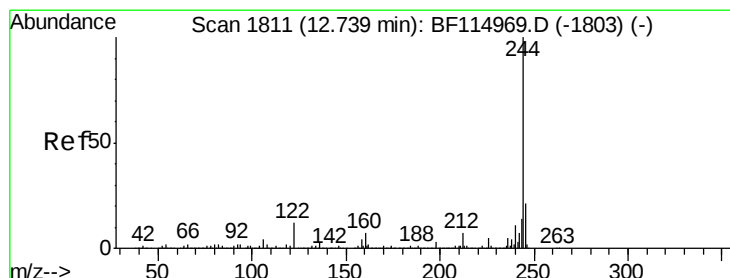
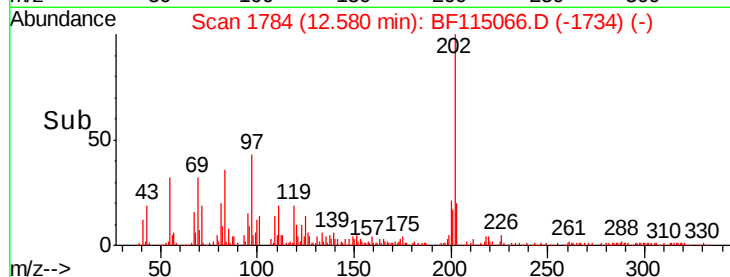
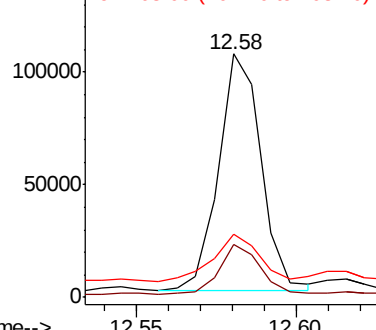


Abundance

Ion 202.00 (201.70 to 202.70): E

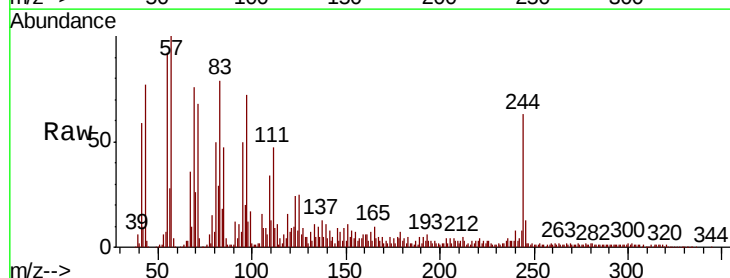
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 4.992 ng/mL
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	16.7	9.4	14.0

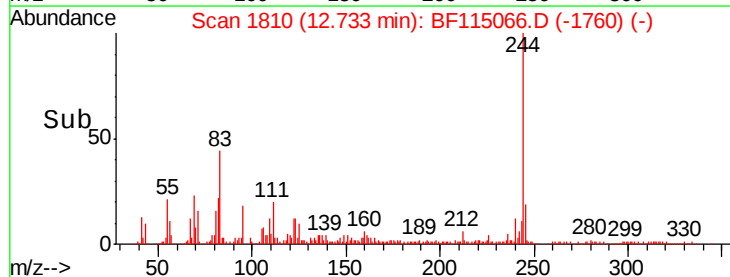
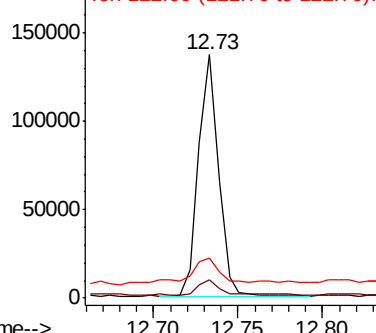


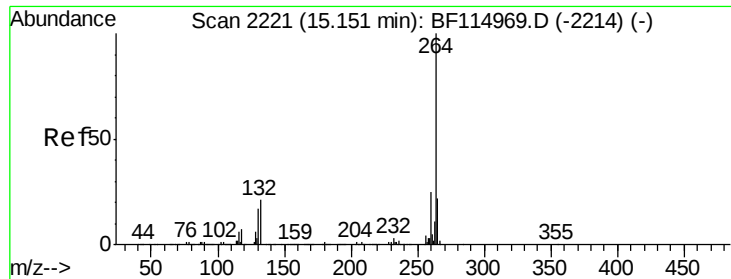
Abundance

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

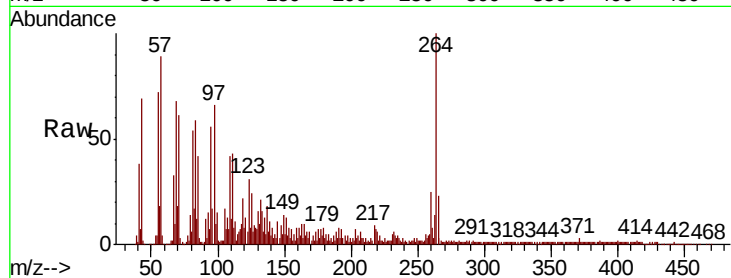




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.02 min
 Lab File: BF115066.D
 Acq: 15 Jun 2019 3:02

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.7	19.9	29.9	
265	23.3	17.6	26.4	



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

