

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115058.D
 Acq On : 14 Jun 2019 23:29
 Operator : HP/JU
 Sample : K3369-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-SOIL-3

Quant Time: Jun 15 06:41:46 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

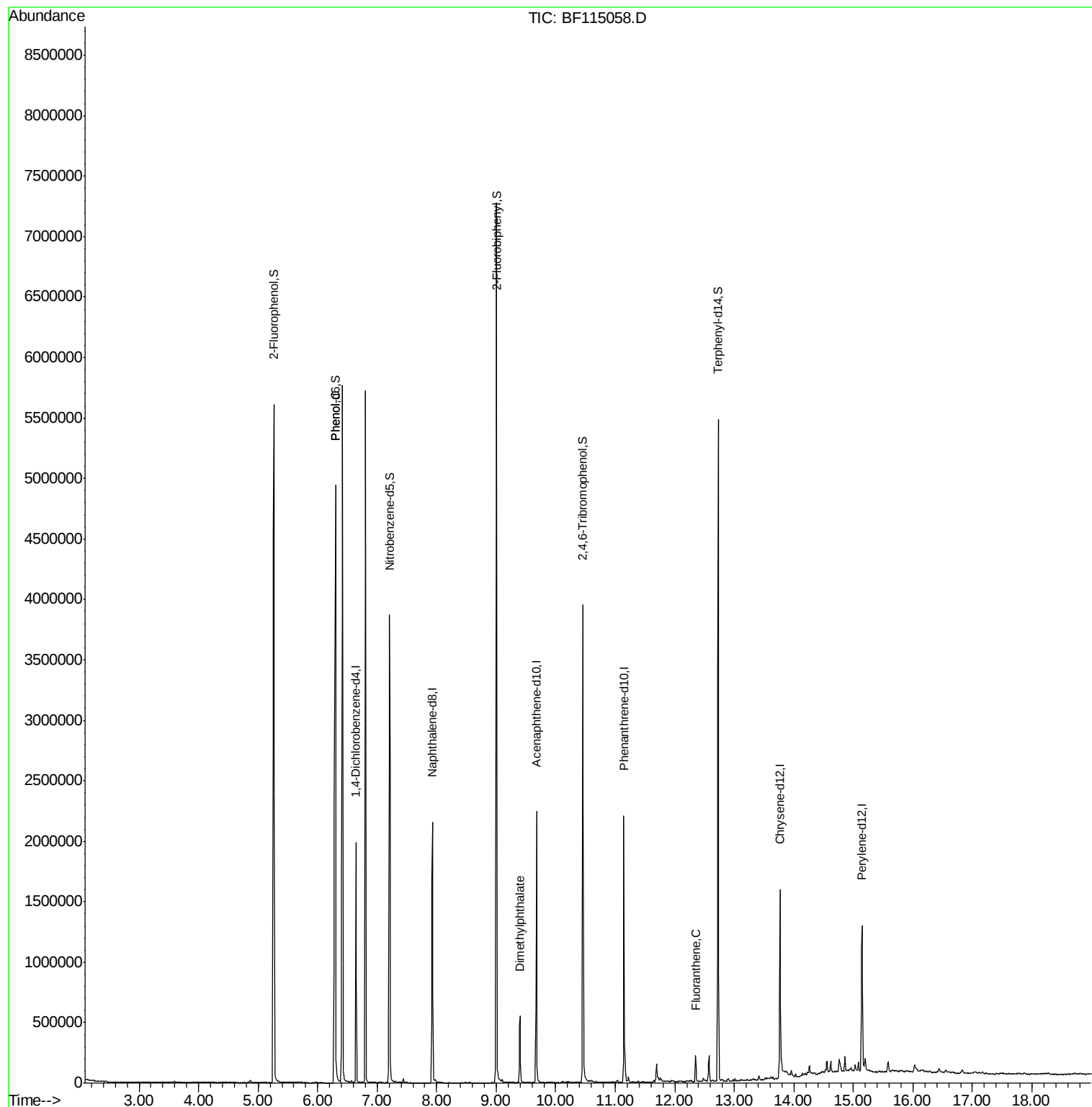
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	280191	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1025069	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	459668	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	794712	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	509812	20.00	ng	-0.01
87) Perylene-d12	15.14	264	515309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1888357	112.54	ng	0.00
7) Phenol-d6	6.30	99	2331511	115.18	ng	0.00
23) Nitrobenzene-d5	7.21	82	1434287	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	510179	103.64	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2424021	89.38	ng	0.00
79) Terphenyl-d14	12.73	244	2074449	76.53	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	57395	2.534	ng	Qvalue # 72
50) Dimethylphthalate	9.40	163	246663	7.135	ng	98
75) Fluoranthene	12.35	202	92020	2.193	ng	97

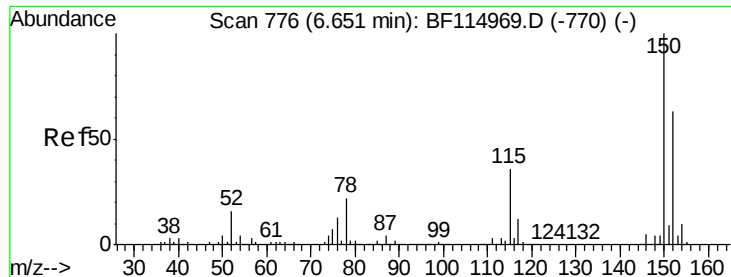
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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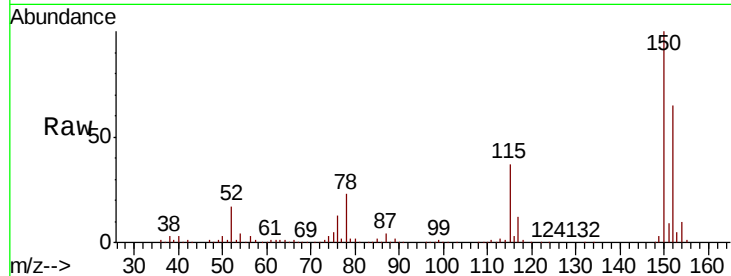


#1

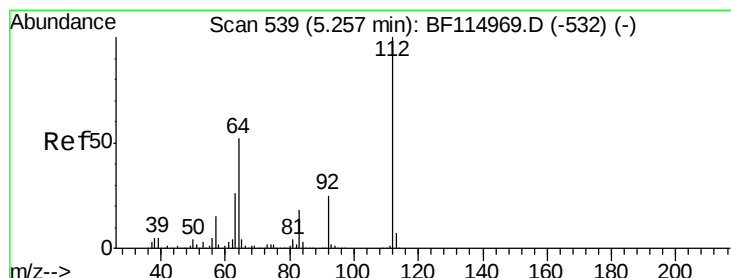
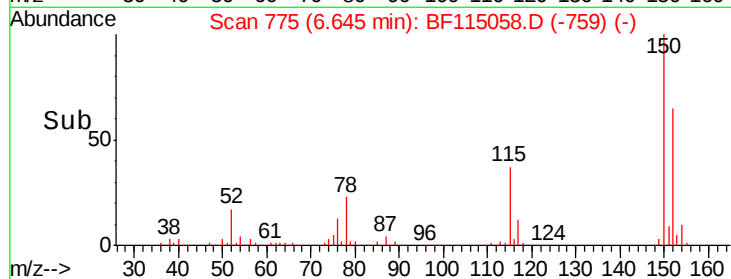
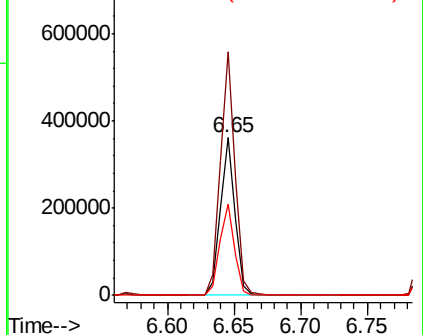
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	57.9	46.0	69.0



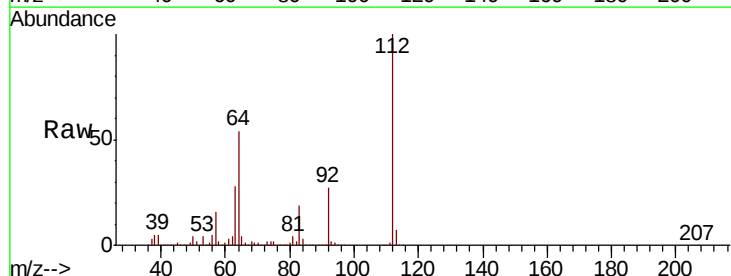
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



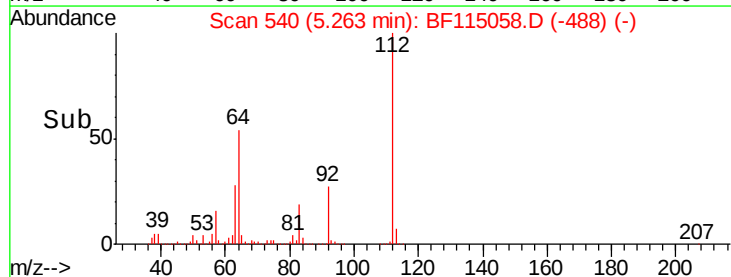
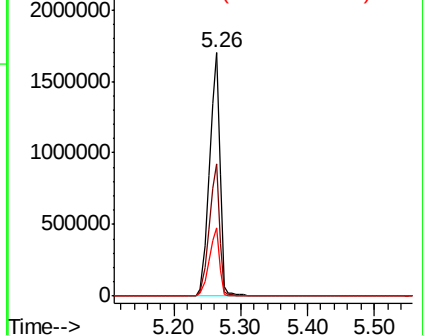
#5

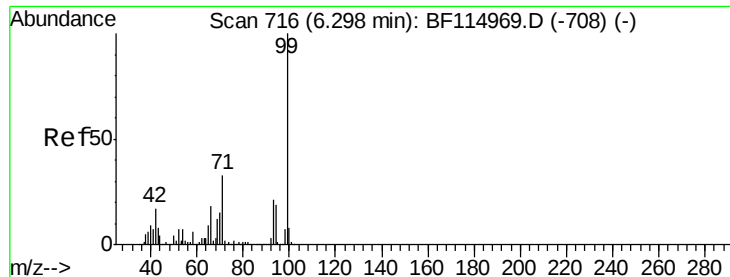
2-Fluorophenol
Concen: 112.536 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.6	62.4
63	28.0	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: 115.185 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-3

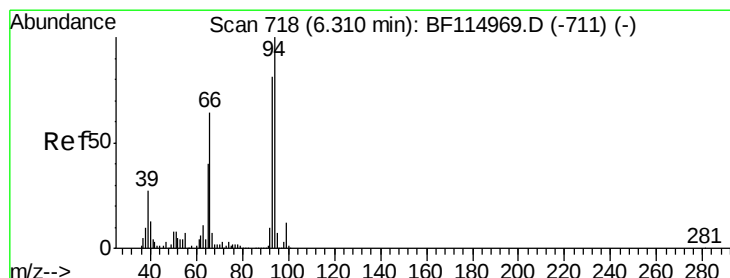
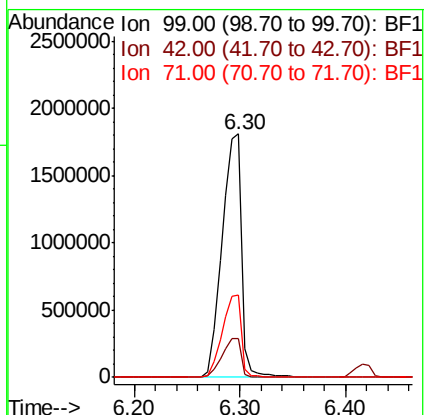
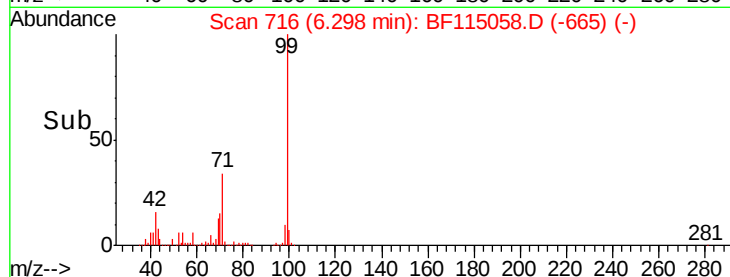
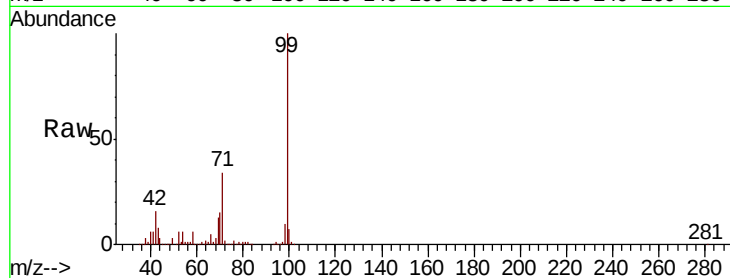
Tot Ion: 99 Resp: 2331511

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

71 33.8 26.4 39.6



#10

Phenol

Concen: 2.534 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

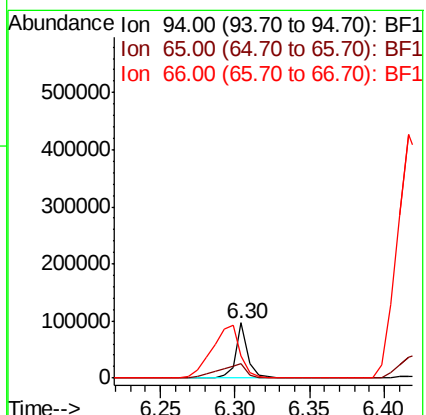
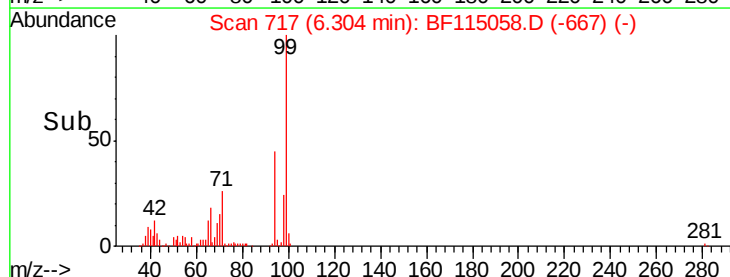
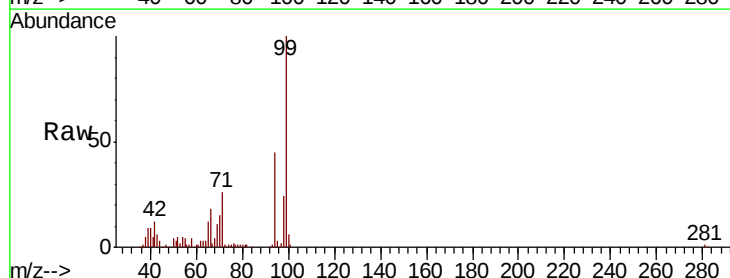
Tgt Ion: 94 Resp: 57395

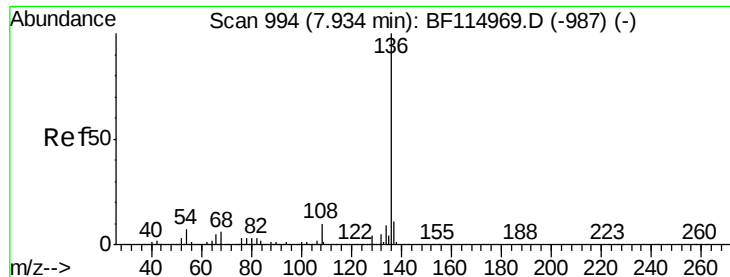
Ion Ratio Lower Upper

94 100

65 25.8 20.0 60.0

66 40.1 44.1 84.1#

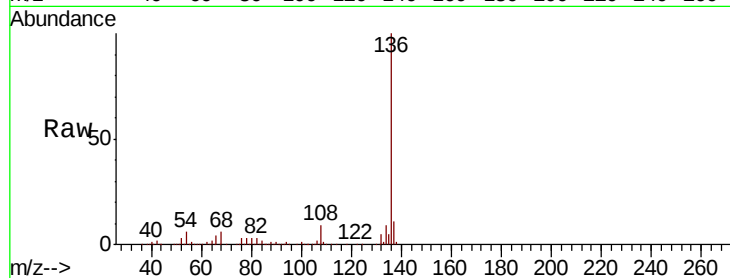




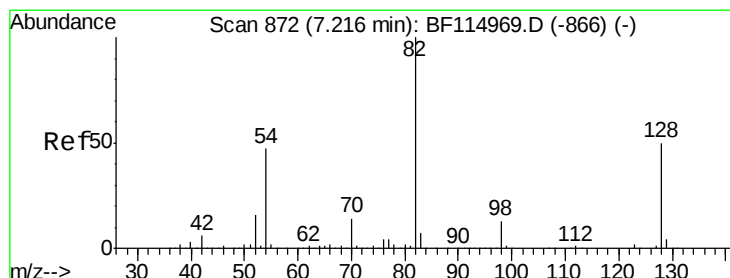
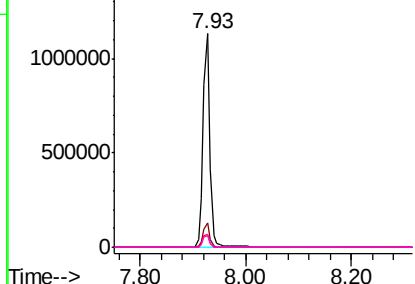
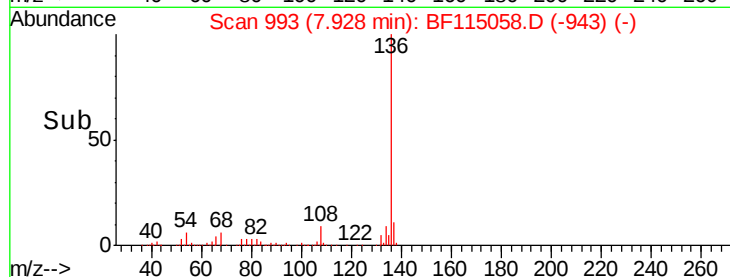
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-3

Tot Ion:136	Resp: 1025069
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.1	5.4 8.0
68 5.5	4.6 7.0

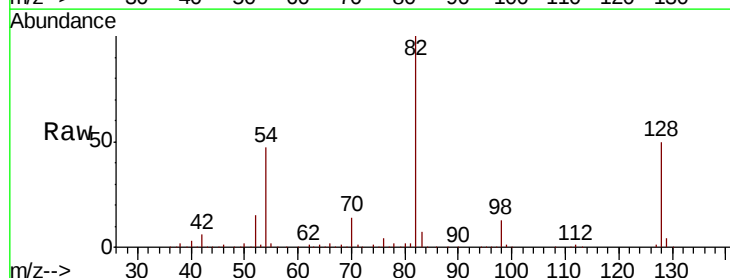


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

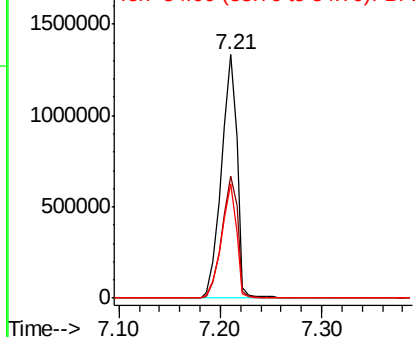
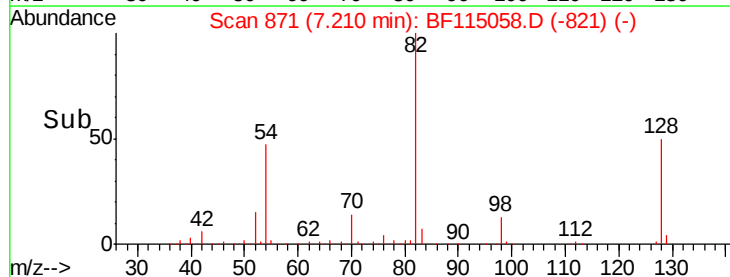


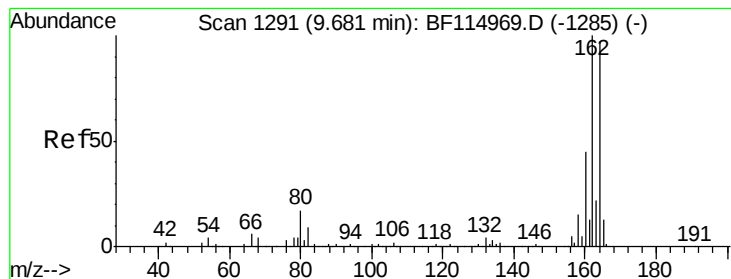
#23
Nitrobenzene-d5
Concen: 84.221 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion: 82	Resp: 1434287
Ion Ratio	Lower Upper
82 100	
128 50.1	39.9 59.9
54 46.7	37.3 55.9



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-3

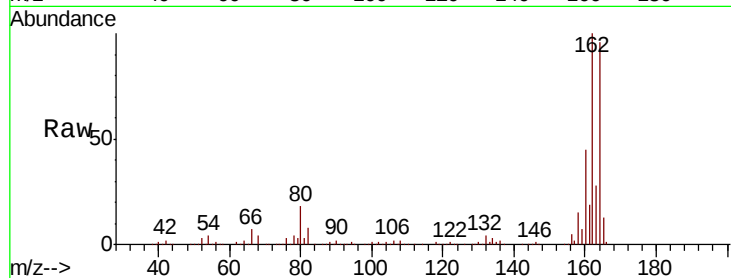
Tot Ion:164 Resp: 459668

Ion Ratio Lower Upper

164 100

162 104.1 82.6 124.0

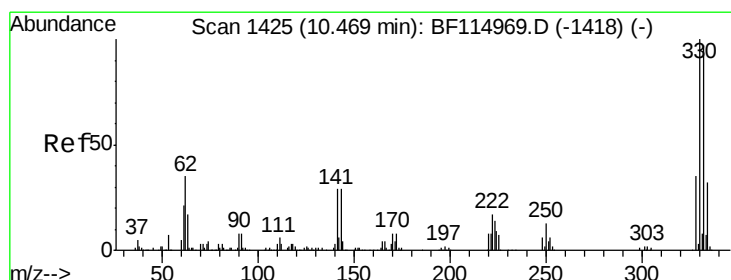
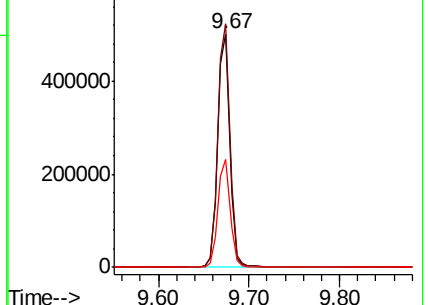
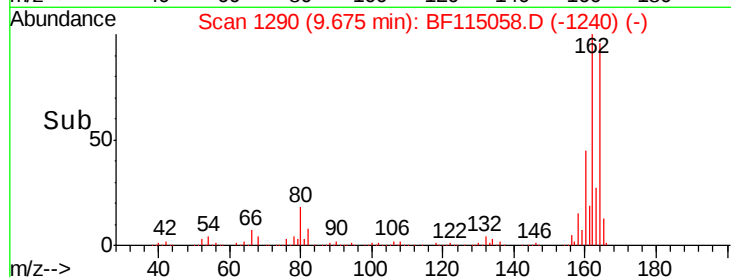
160 46.3 36.9 55.3



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: 103.644 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

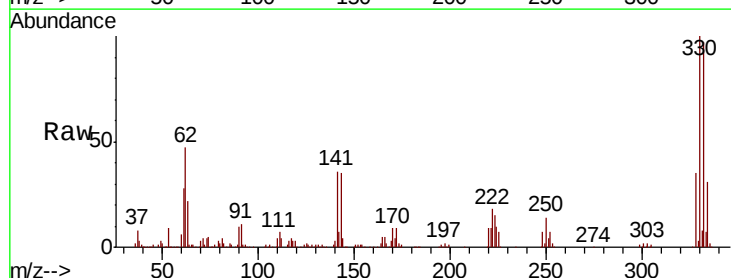
Tgt Ion:330 Resp: 510179

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

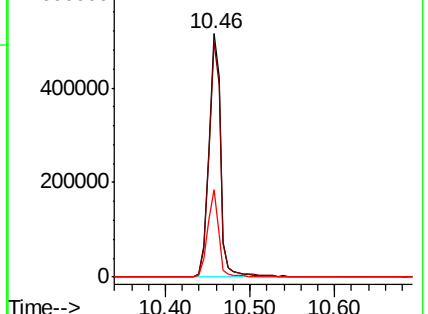
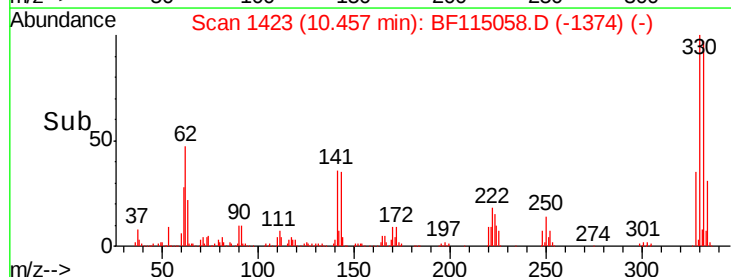
141 33.4 27.2 40.8

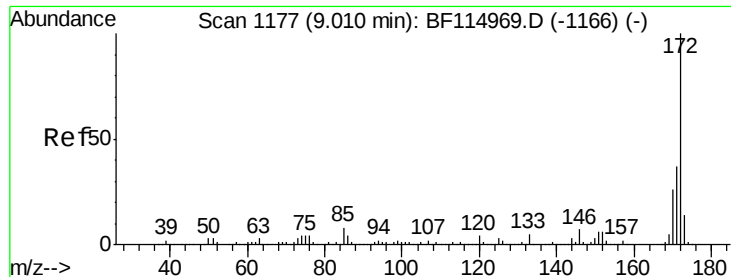


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

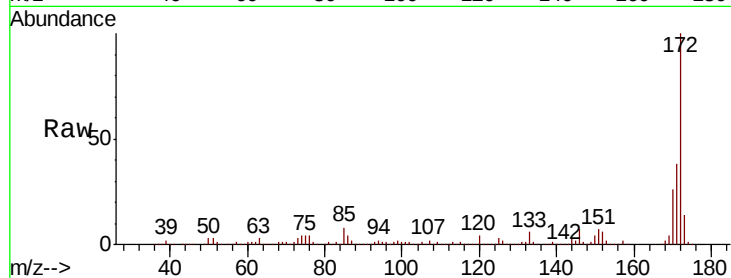




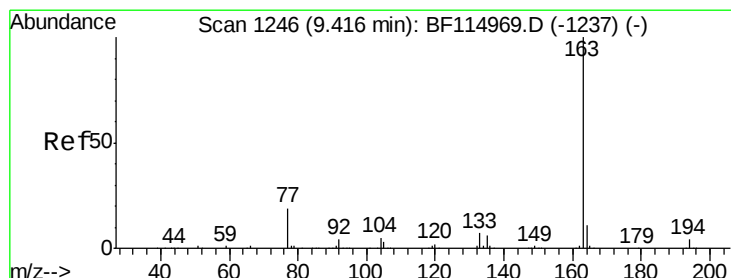
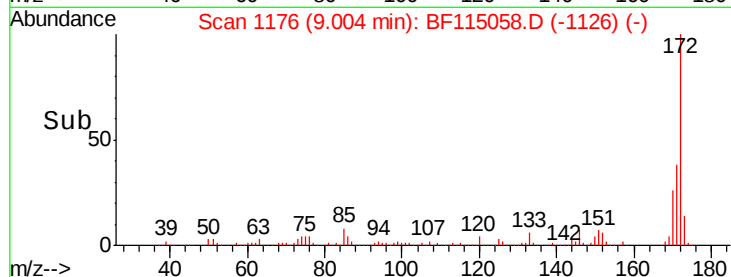
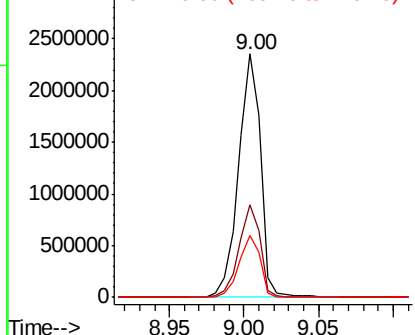
#45
2-Fluorobiphenyl
Concen: 89.376 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-3

Tot Ion:172 Resp: 2424021
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.6 20.6 31.0

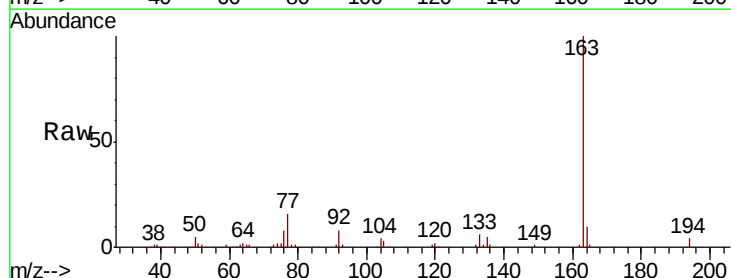


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

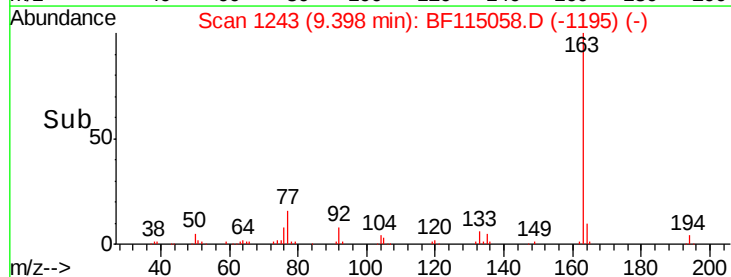
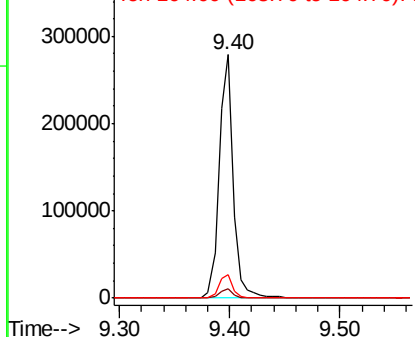


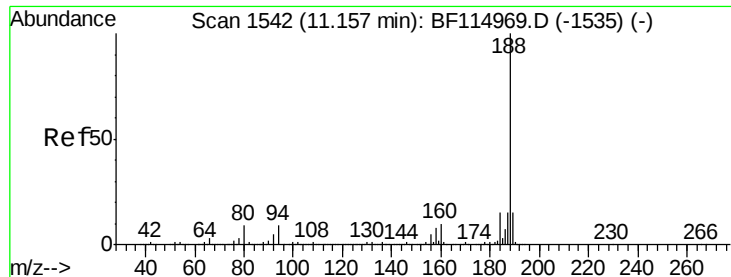
#50
Dimethylphthalate
Concen: 7.135 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion:163 Resp: 246663
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.6 12.8



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

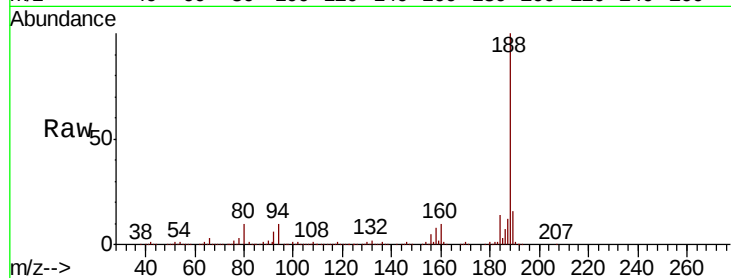




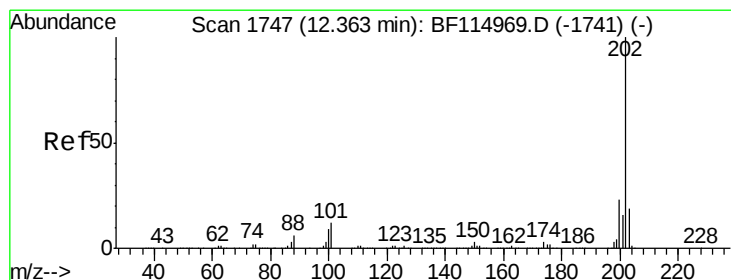
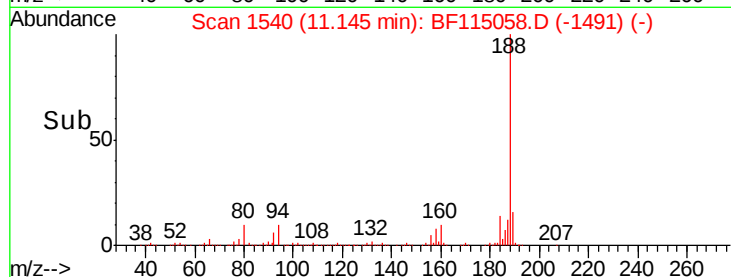
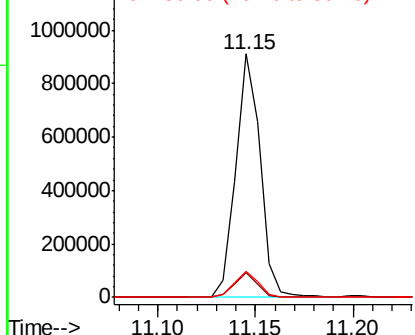
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-3

Tot Ion:188 Resp: 794712
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.5 7.4 11.2

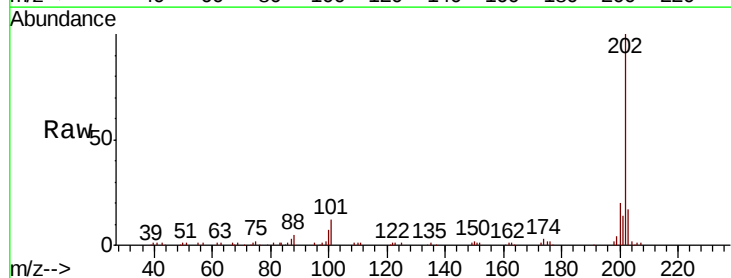


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

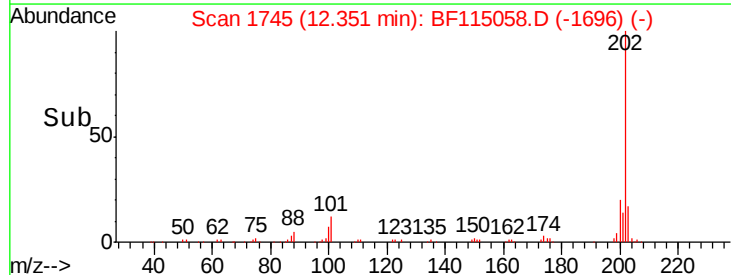
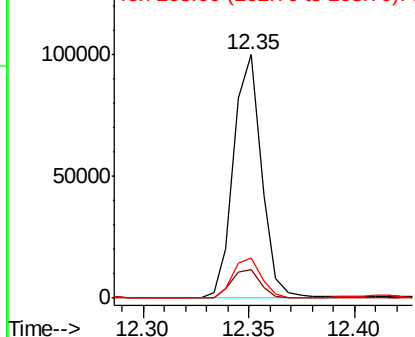


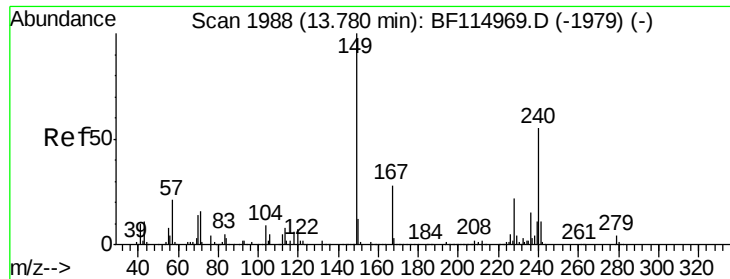
#75
Fluoranthene
Concen: 2.193 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion:202 Resp: 92020
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 16.7 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

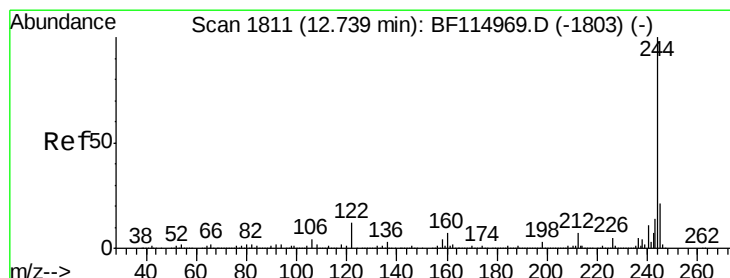
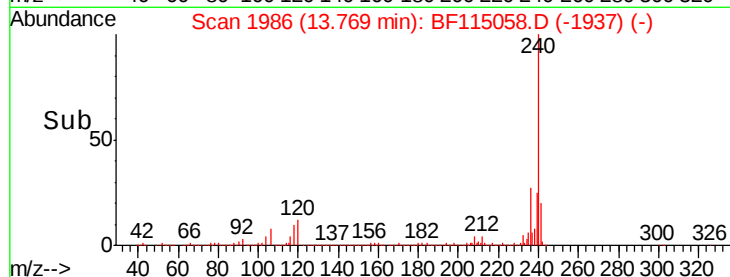
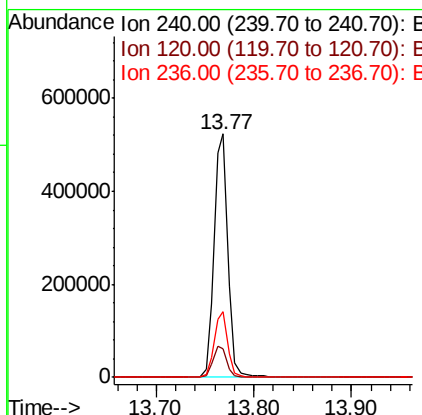
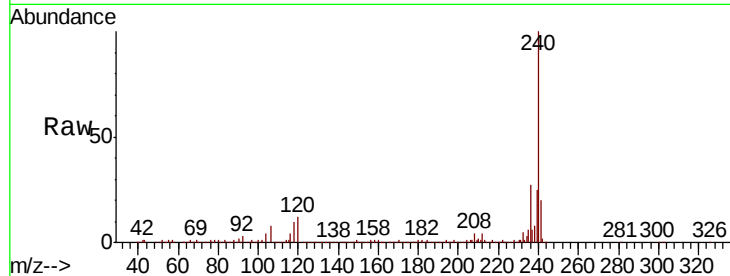




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115058.D
 Acq: 14 Jun 2019 23:29

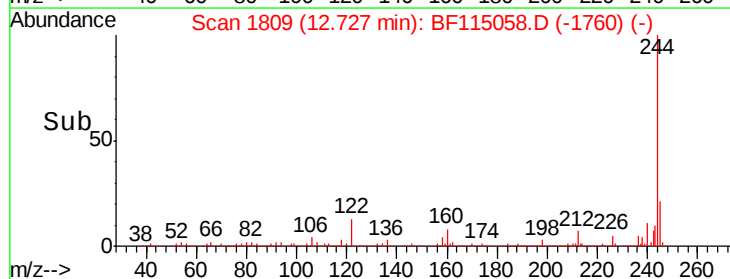
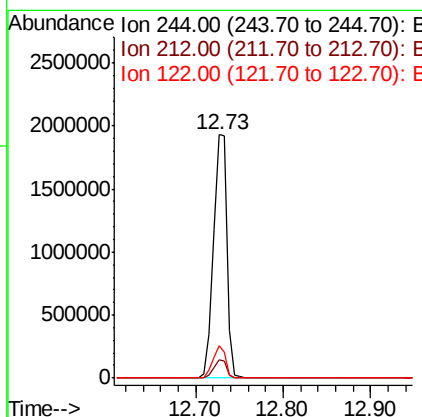
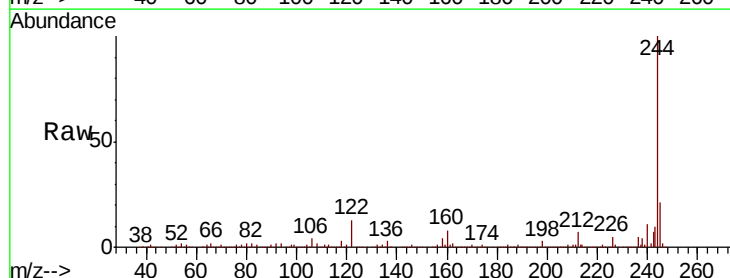
Instrument :
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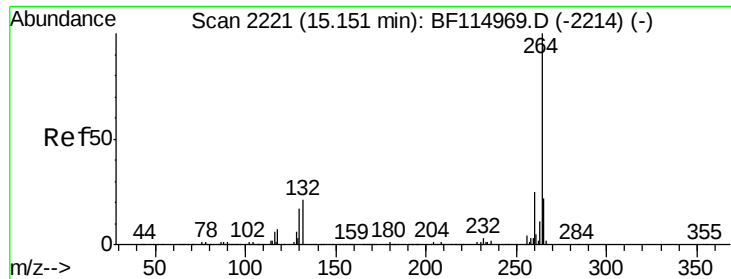
Tot Ion:240 Resp: 509812
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.0 15.0
 236 27.2 21.6 32.4



#79
 Terphenyl-d14
 Concen: 76.533 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115058.D
 Acq: 14 Jun 2019 23:29

Tgt Ion:244 Resp: 2074449
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.4 9.4 14.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.5	17.6	26.4

