

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115048.D
 Acq On : 14 Jun 2019 19:05
 Operator : HP/JU
 Sample : K3369-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-SOIL-1

Quant Time: Jun 15 05:35:27 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

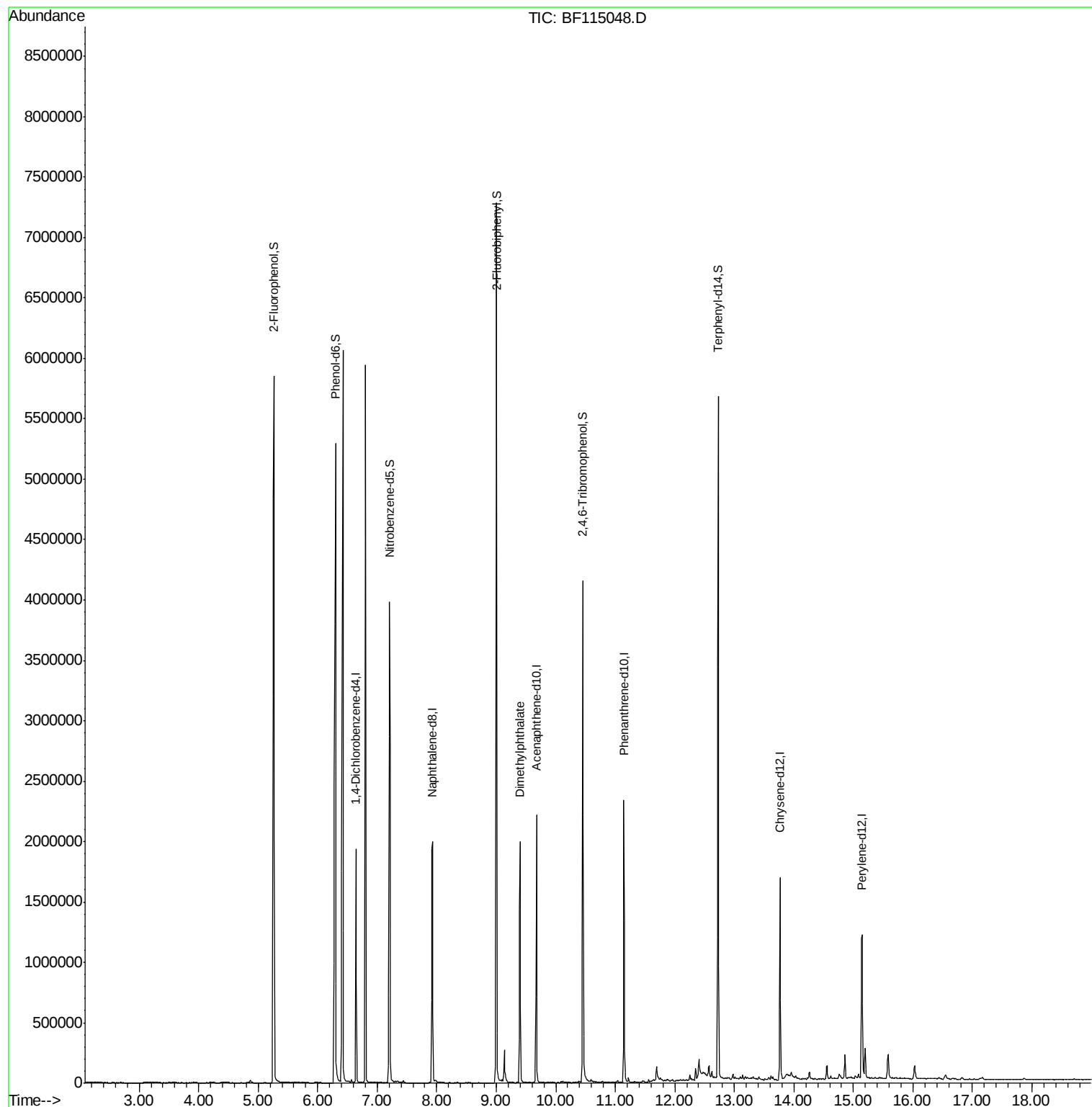
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	276076	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1023801	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	473916	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	830556	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	559144	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1990341	120.38	ng	0.00
7) Phenol-d6	6.30	99	2465665	123.63	ng	0.00
23) Nitrobenzene-d5	7.21	82	1535140	90.26	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	545027	107.39	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2495168	89.23	ng	0.00
79) Terphenyl-d14	12.73	244	2171736	73.05	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.40	163	804348	22.568	ng	Qvalue 98

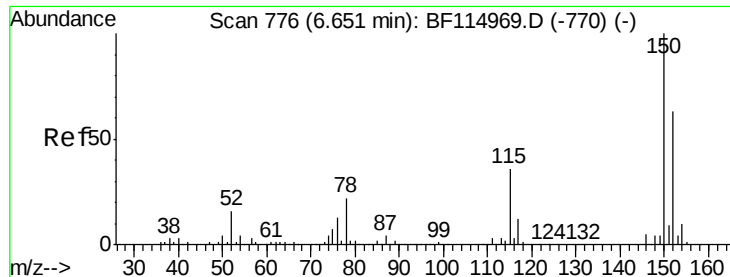
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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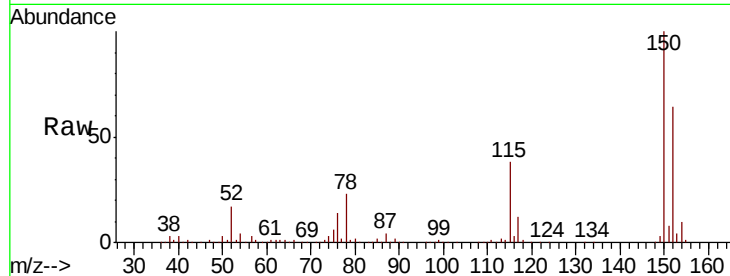


#1

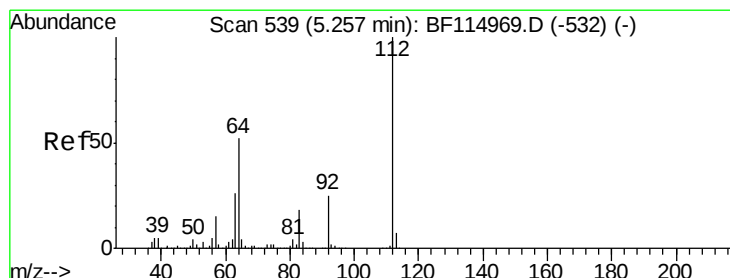
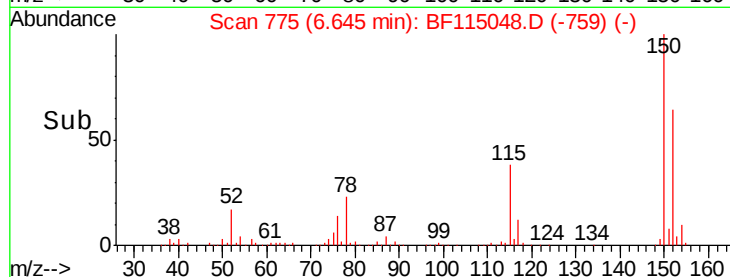
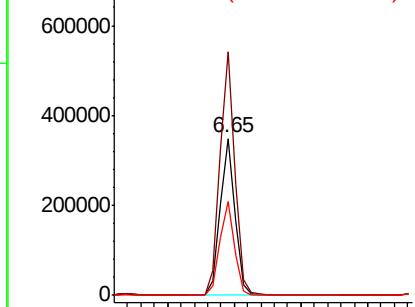
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-1

Tot Ion:152 Resp: 276076
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.5 46.0 69.0



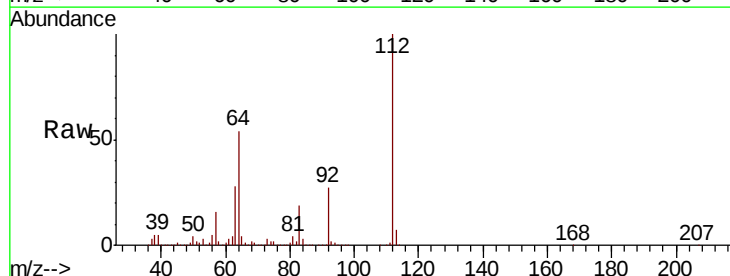
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



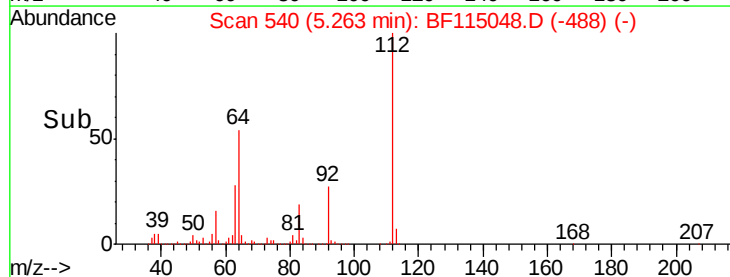
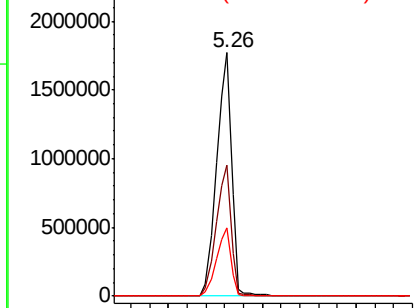
#5

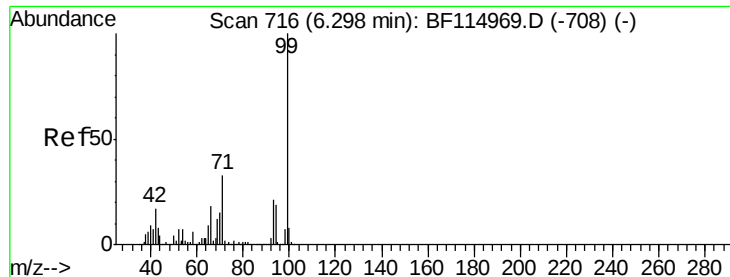
2-Fluorophenol
Concen: 120.382 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt Ion:112 Resp: 1990341
Ion Ratio Lower Upper
112 100
64 53.6 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: 123.628 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-1

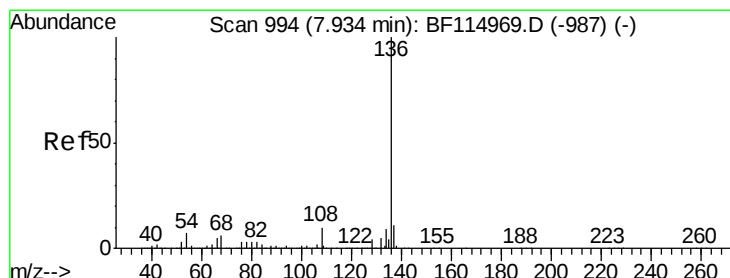
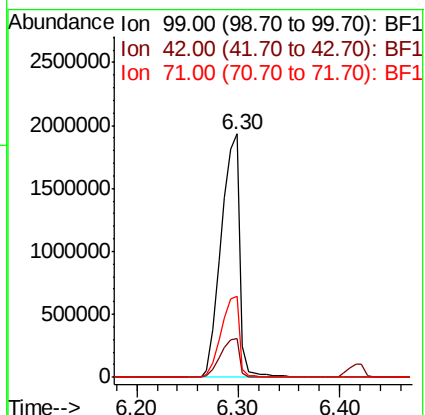
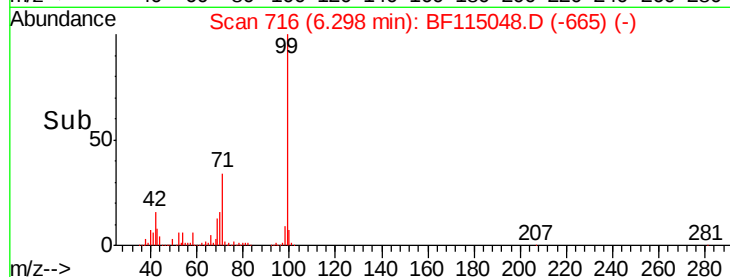
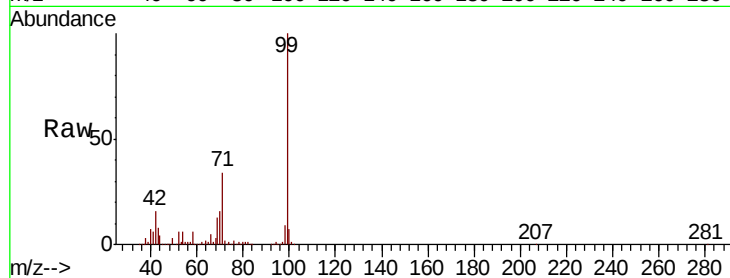
Tot Ion: 99 Resp: 2465665

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.2

71 33.5 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Tgt Ion: 136 Resp: 1023801

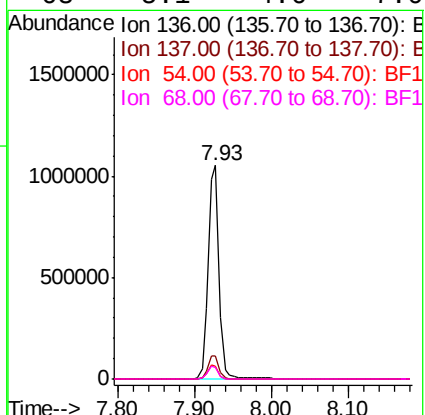
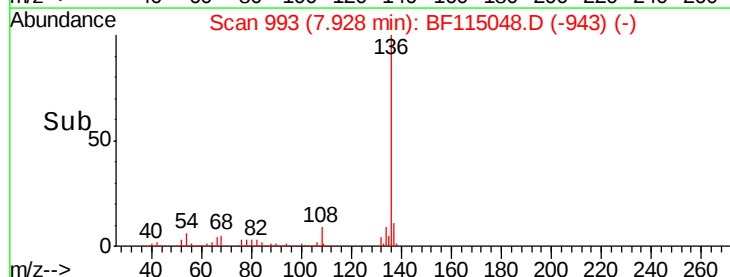
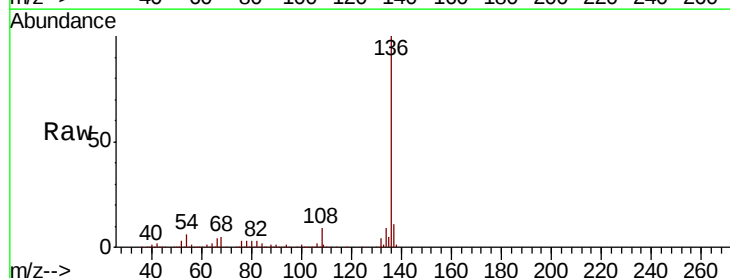
Ion Ratio Lower Upper

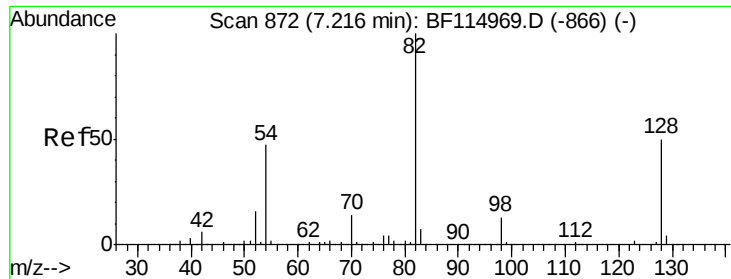
136 100

137 10.8 9.0 13.4

54 5.9 5.4 8.0

68 5.1 4.6 7.0

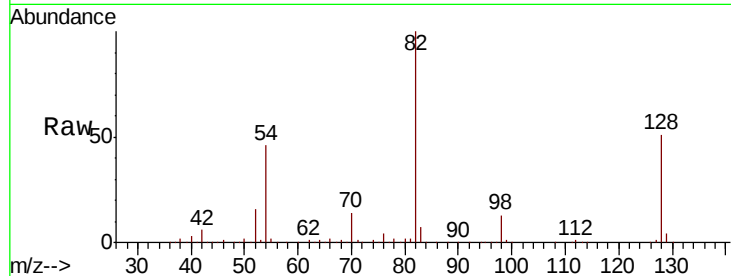




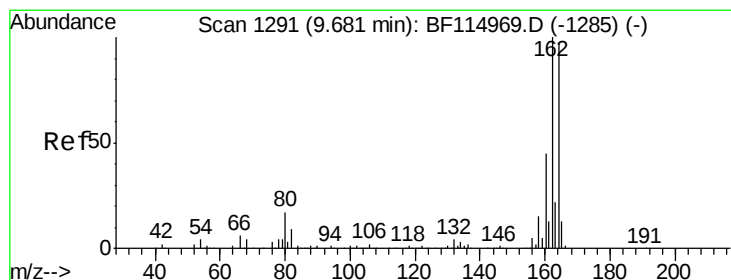
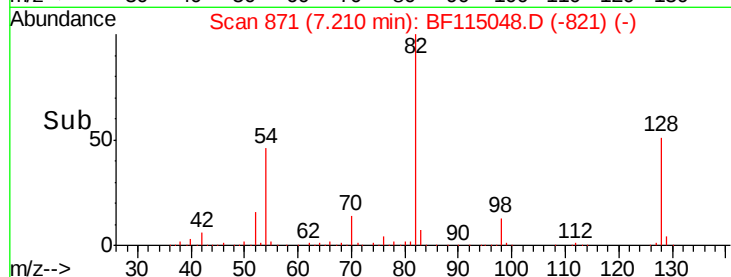
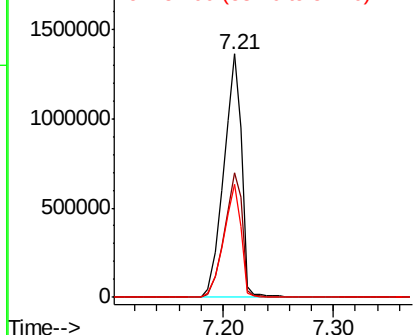
#23
Nitrobenzene-d5
Concen: 90.255 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-1

Tot Ion: 82 Resp: 1535140
Ion Ratio Lower Upper
82 100
128 51.2 39.9 59.9
54 46.4 37.3 55.9

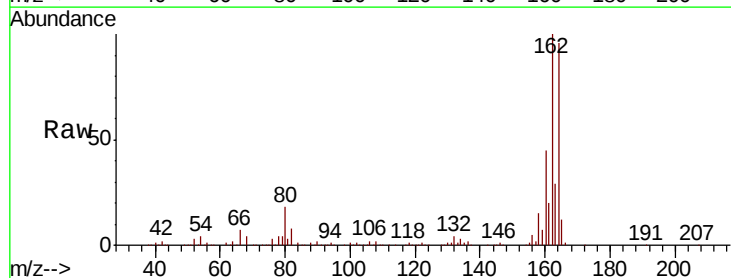


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

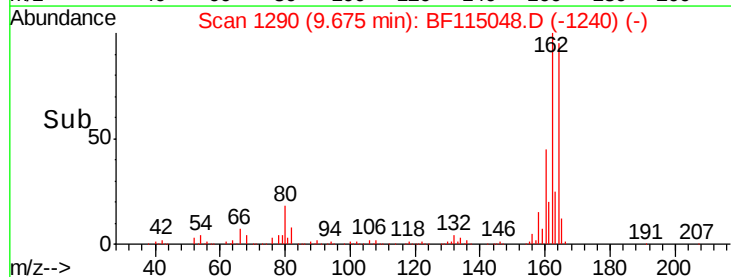
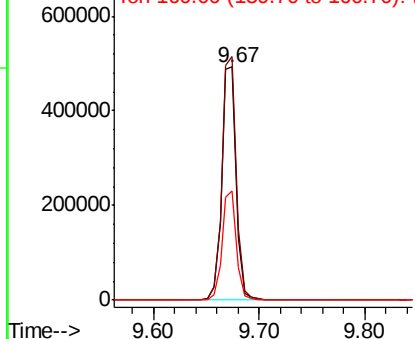


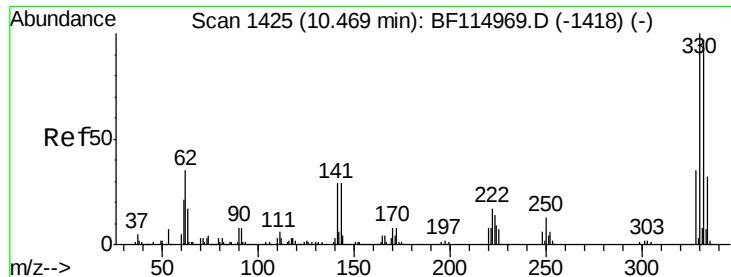
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt Ion:164 Resp: 473916
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 46.8 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: 107.395 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-1

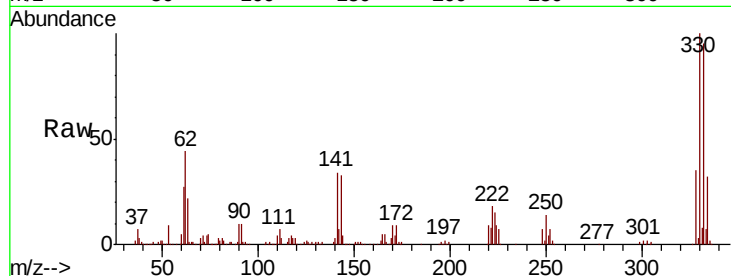
Tot Ion:330 Resp: 545027

Ion Ratio Lower Upper

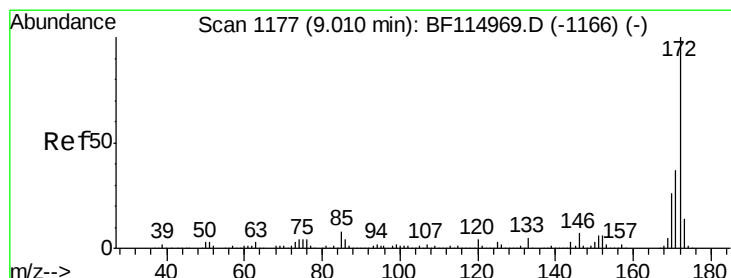
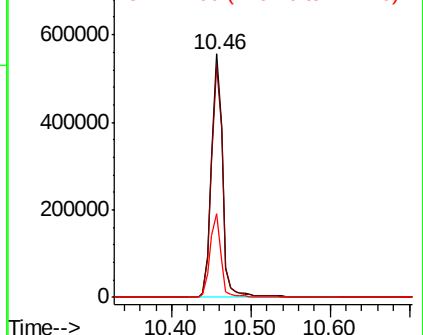
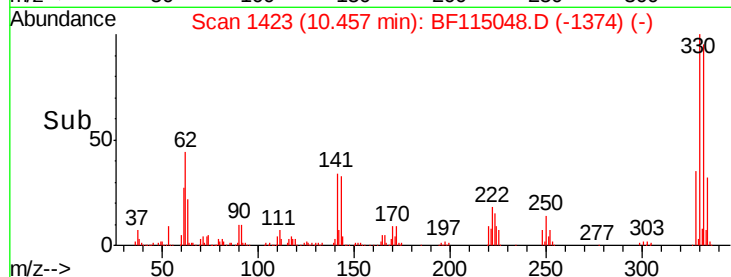
330 100

332 96.9 77.6 116.4

141 34.2 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: 89.233 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

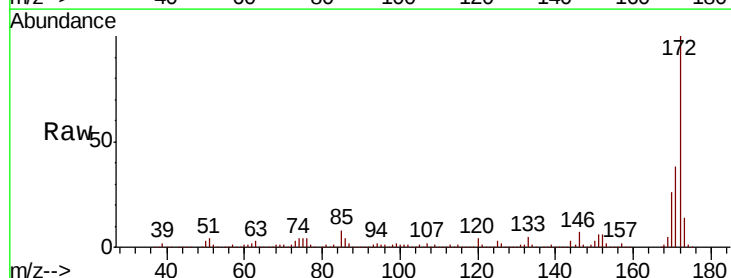
Tgt Ion:172 Resp: 2495168

Ion Ratio Lower Upper

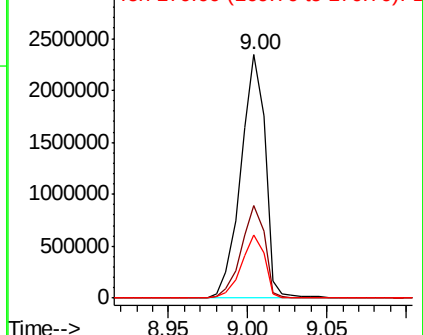
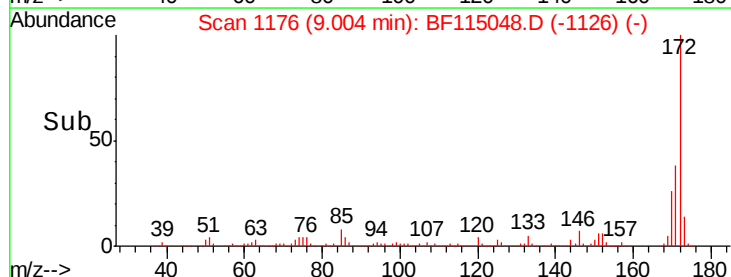
172 100

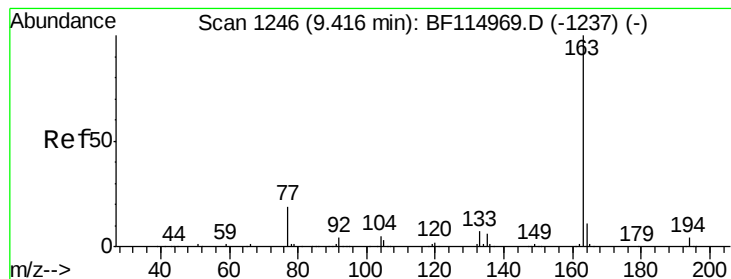
171 38.2 29.8 44.6

170 25.7 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: 22.568 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-1

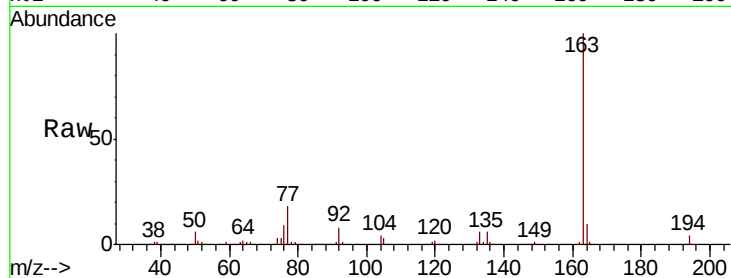
Tot Ion:163 Resp: 804348

Ion Ratio Lower Upper

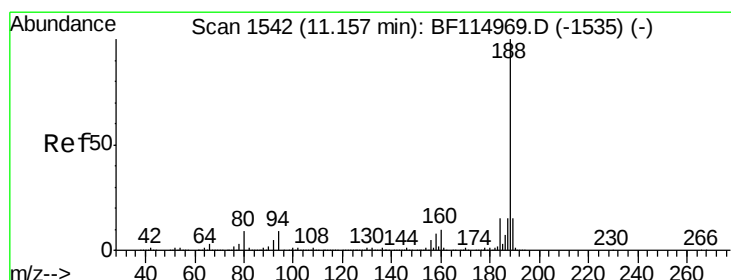
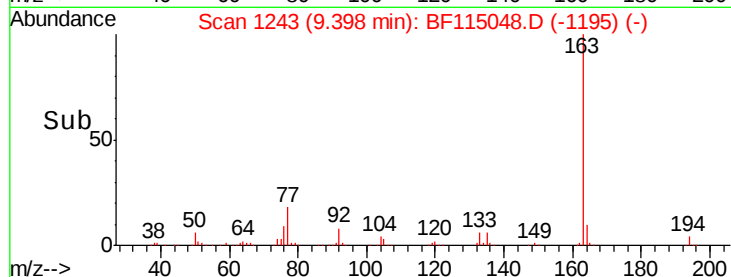
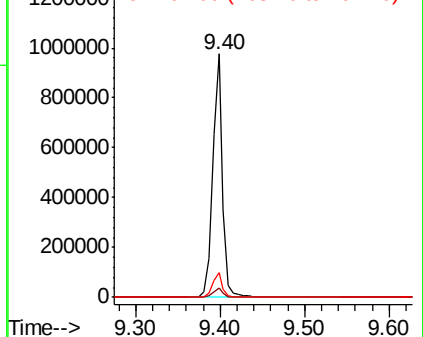
163 100

194 3.9 3.3 4.9

164 10.0 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: BF115048.D

Acq: 14 Jun 2019 19:05

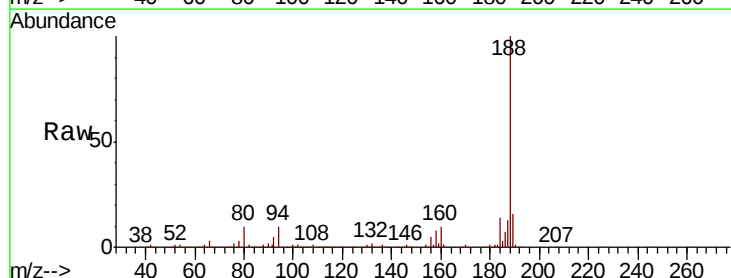
Tgt Ion:188 Resp: 830556

Ion Ratio Lower Upper

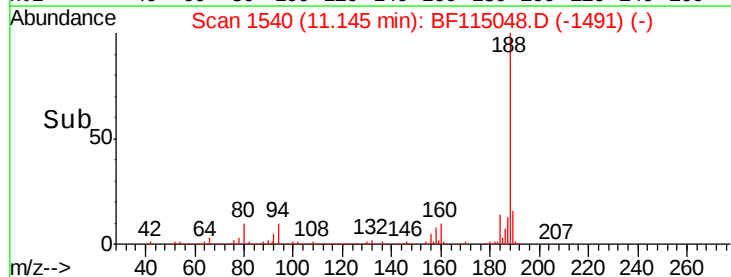
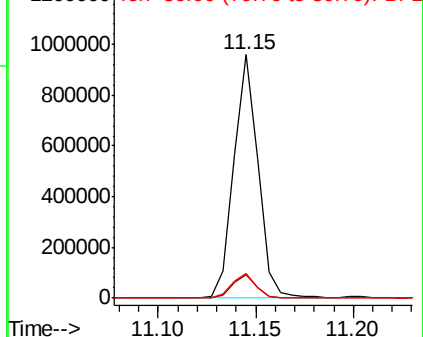
188 100

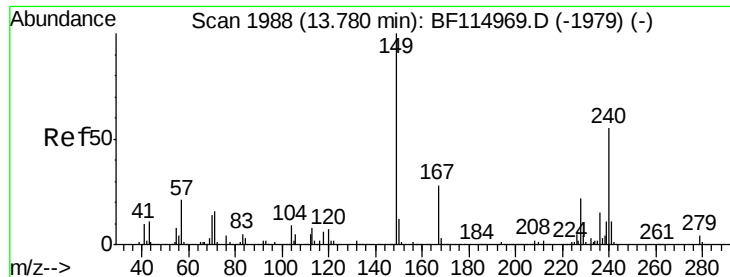
94 9.8 7.2 10.8

80 10.2 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

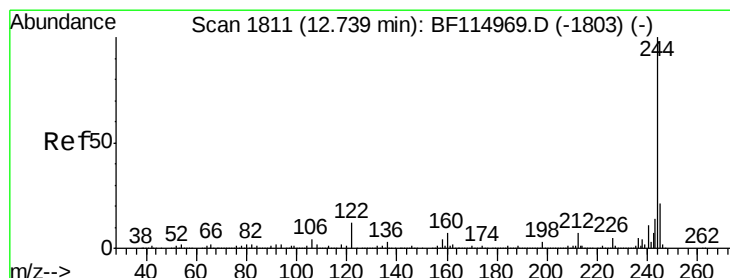
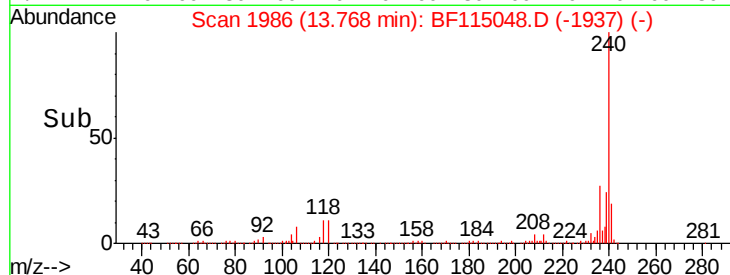
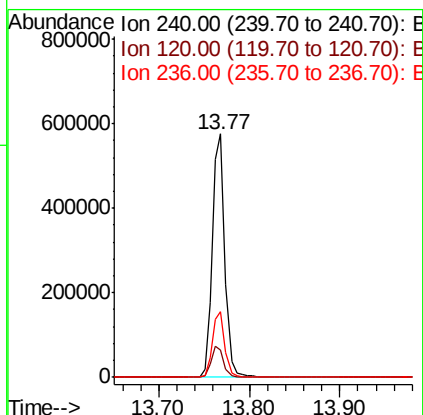
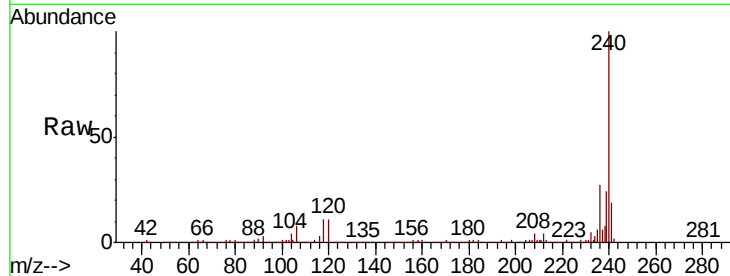




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

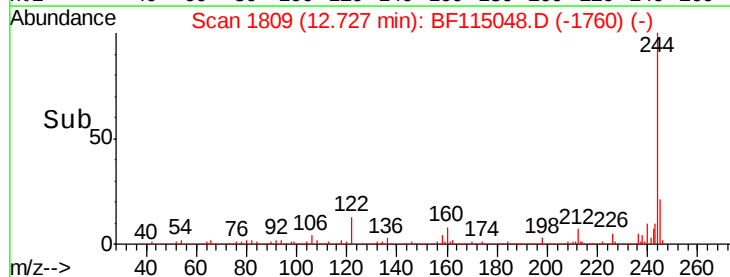
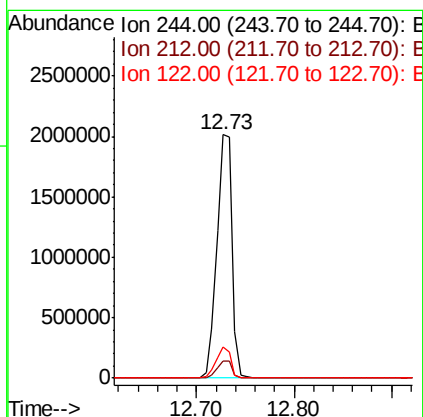
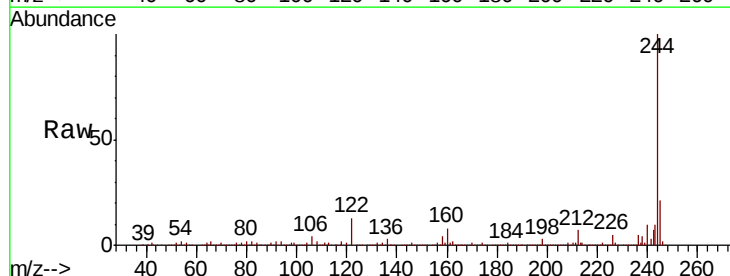
Instrument :
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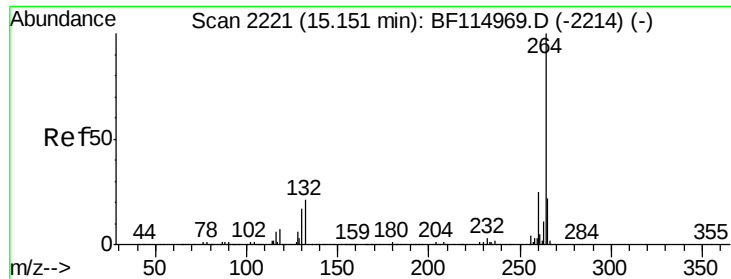
Tot Ion:240 Resp: 559144
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.0 15.0
 236 27.1 21.6 32.4



#79
 Terphenyl-d14
 Concen: 73.054 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

Tgt Ion:244 Resp: 2171736
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.9 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: BF115048.D
Acq: 14 Jun 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.2	17.6	26.4

