

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115049.D
 Acq On : 14 Jun 2019 19:32
 Operator : HP/JU
 Sample : K3369-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-SOIL-2

Quant Time: Jun 15 05:46:24 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

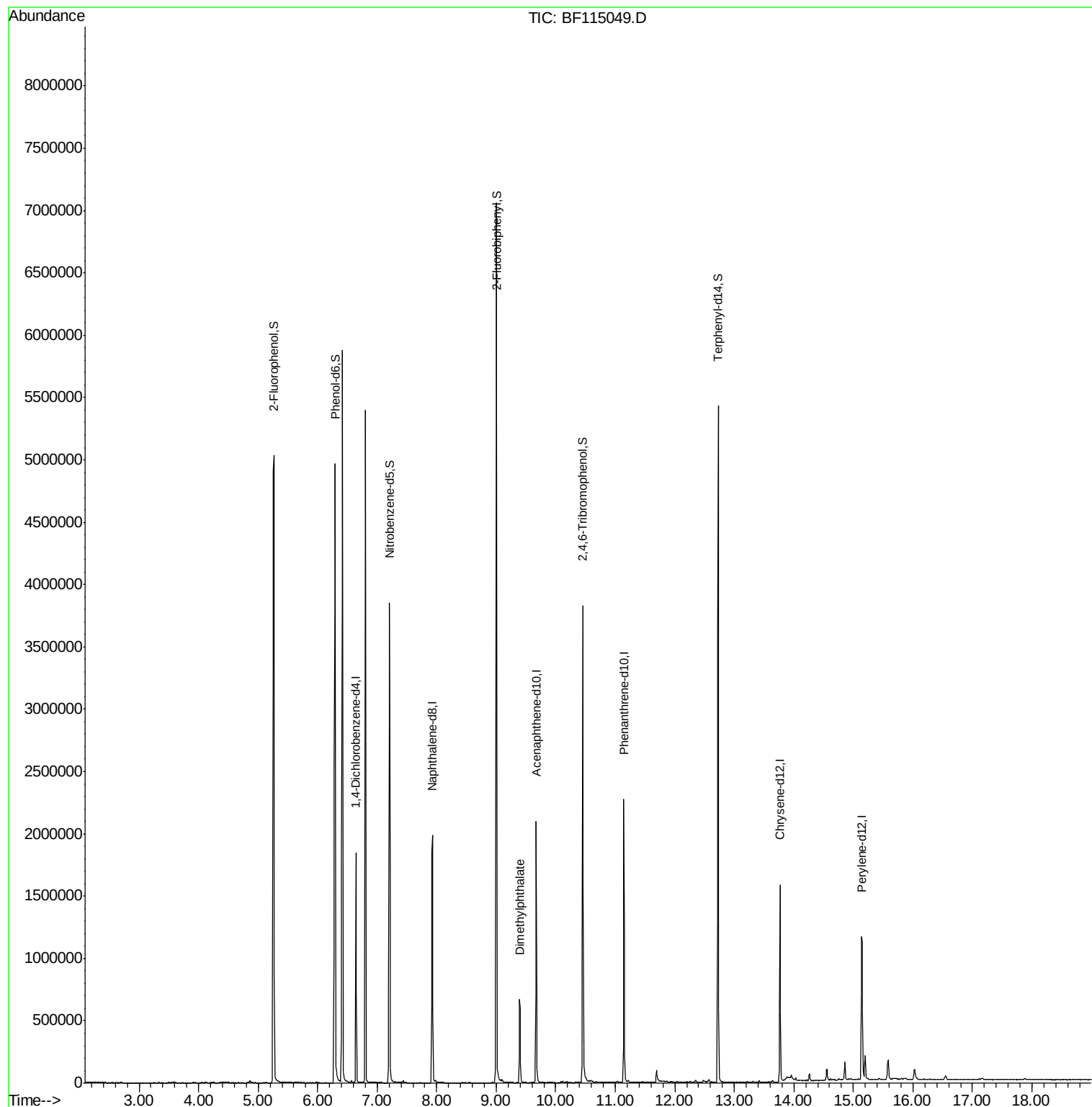
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	268895	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1000459	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	460232	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	812631	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	552527	20.00	ng	-0.01
87) Perylene-d12	15.14	264	534724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1808110	112.28	ng	0.00
7) Phenol-d6	6.29	99	2249662	115.81	ng	0.00
23) Nitrobenzene-d5	7.21	82	1373569	82.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	494162	100.27	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2324580	85.60	ng	0.00
79) Terphenyl-d14	12.73	244	2023646	68.89	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.39	163	308077	8.901	ng	Qvalue 98

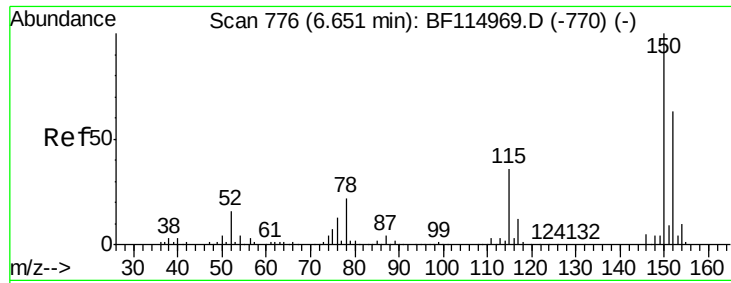
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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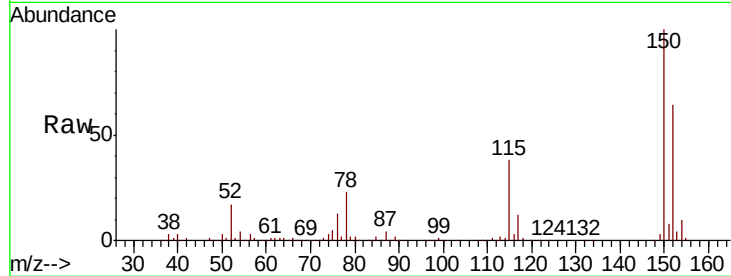


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	58.7	46.0	69.0

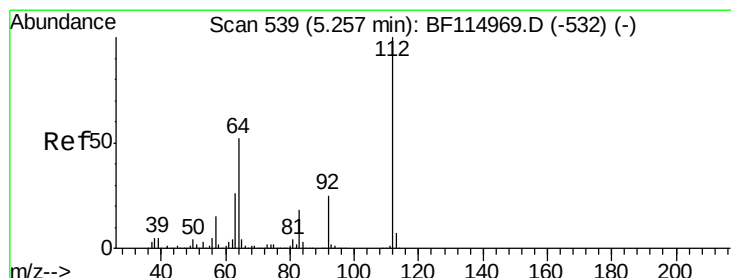
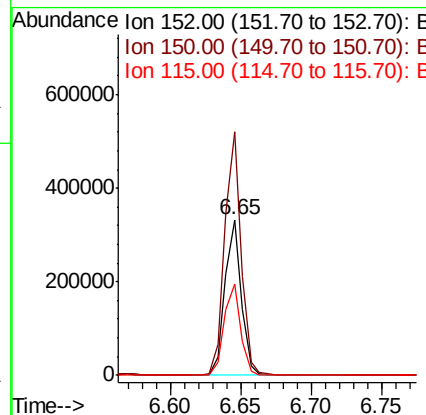
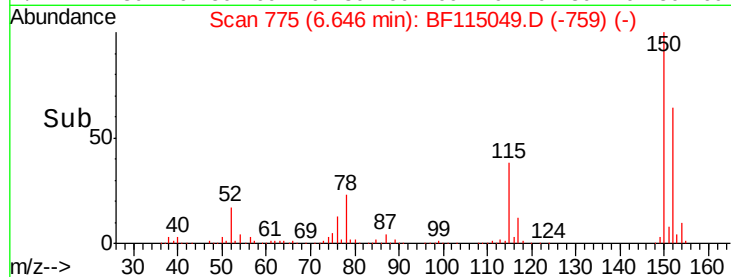


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

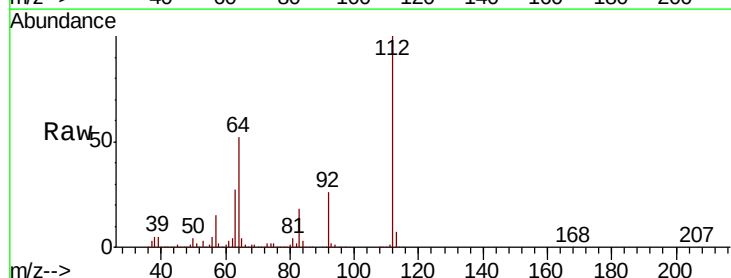
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.280 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.6	62.4
63	26.6	20.9	31.3

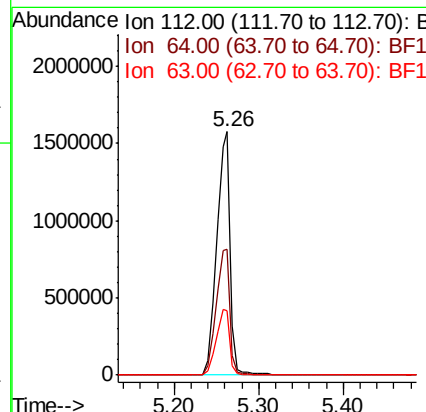
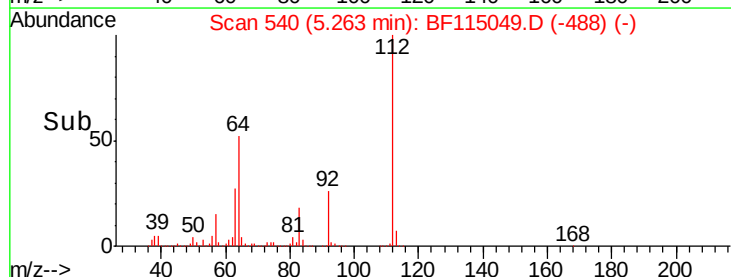


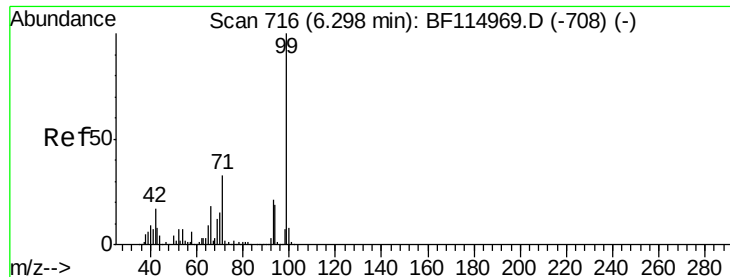
Abundance

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: 115.810 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

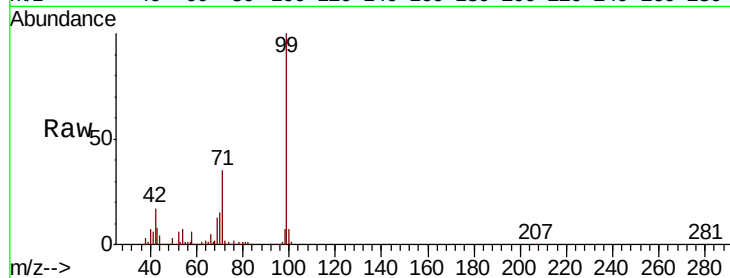
BNA_F

ClientSampleId :

Z-3-SOIL-2

Tot Ion: 99 Resp: 2249662

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	34.8	26.4	39.6

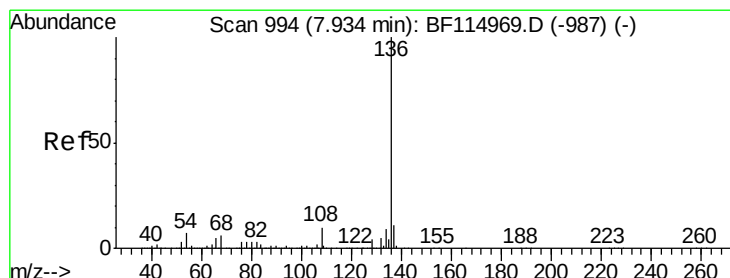
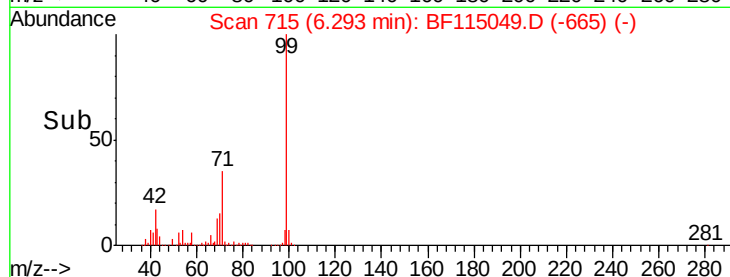
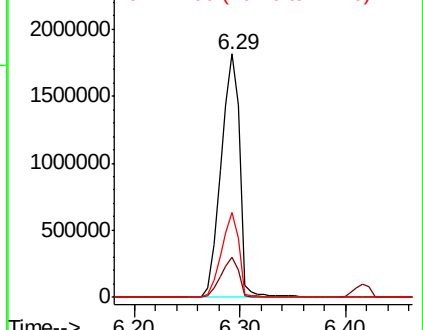


Abundance

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

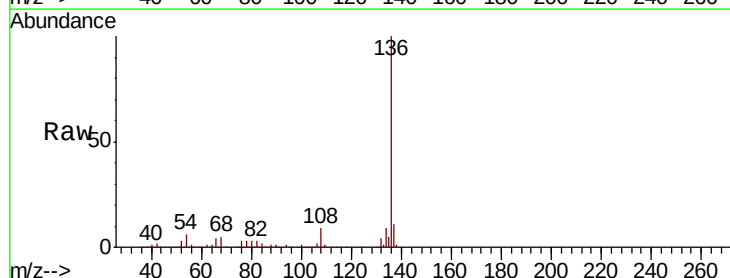
Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Tgt Ion: 136 Resp: 1000459

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.8	5.4	8.0
68	5.3	4.6	7.0



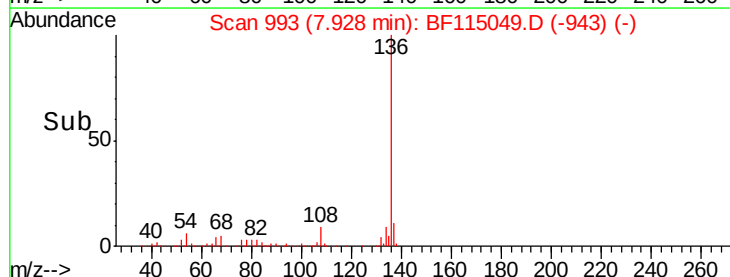
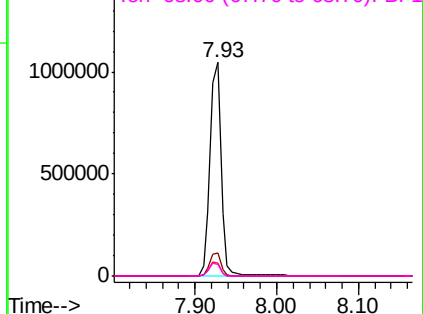
Abundance

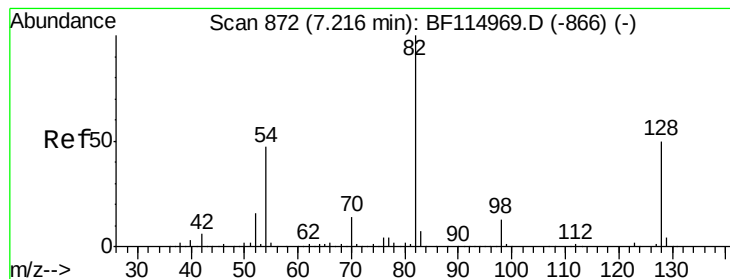
Ion 136.00 (135.70 to 136.70): E

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: 82.640 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-2

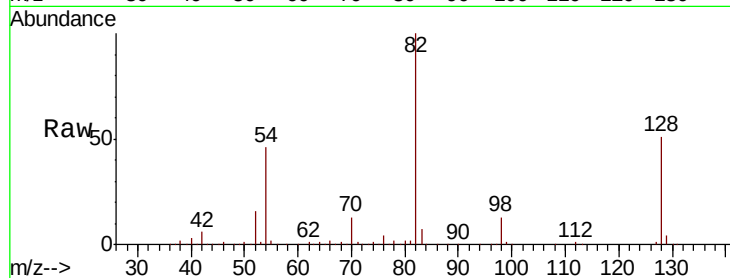
Tot Ion: 82 Resp: 1373569

Ion Ratio Lower Upper

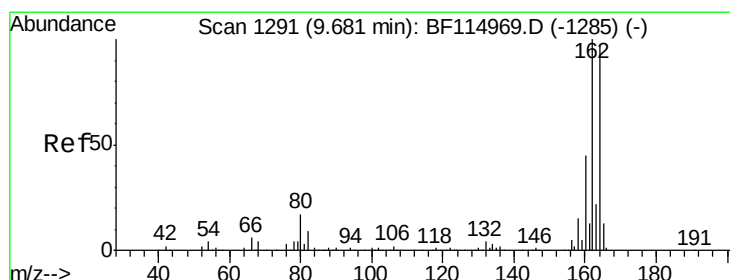
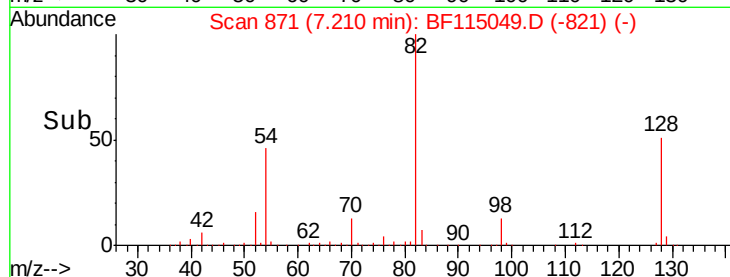
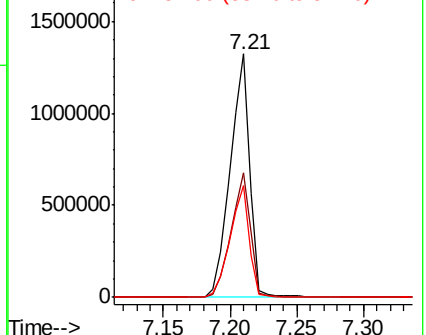
82 100

128 51.0 39.9 59.9

54 46.1 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# 1289

Delta R.T. -0.01 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

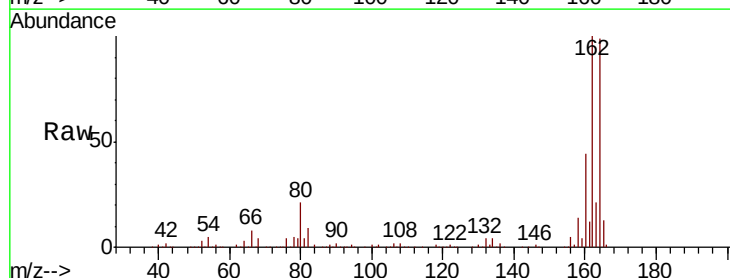
Tgt Ion:164 Resp: 460232

Ion Ratio Lower Upper

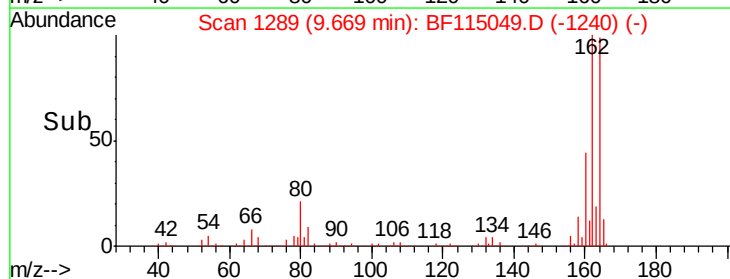
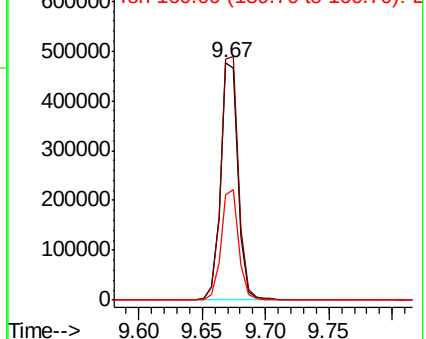
164 100

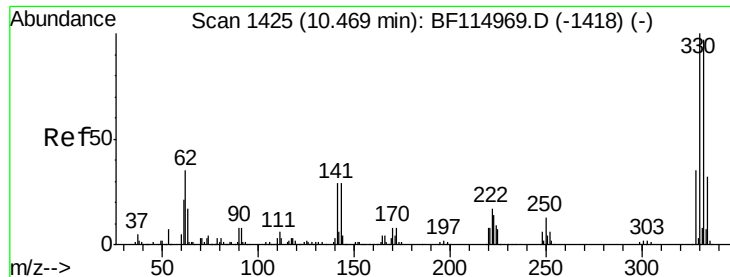
162 101.3 82.6 124.0

160 44.2 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

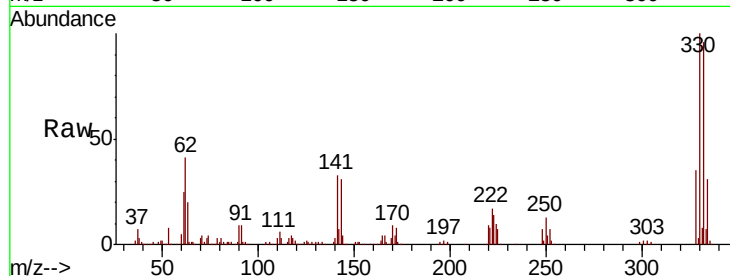




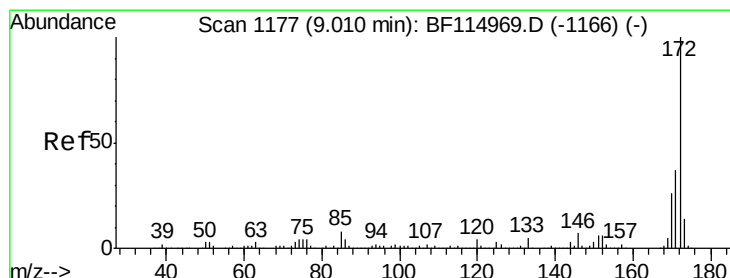
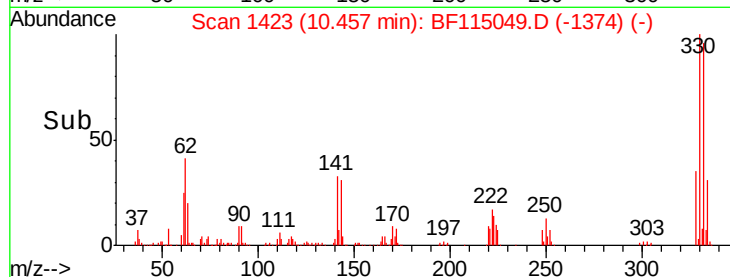
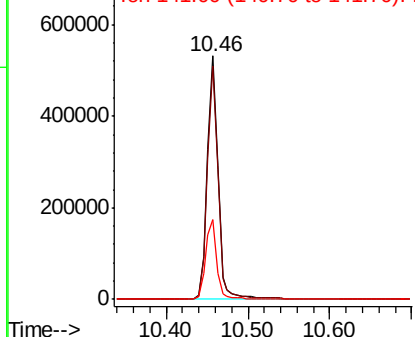
#42
 2,4,6-Tribromophenol
 Concen: 100.267 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-SOIL-2

Tot Ion:330 Resp: 494162
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 34.3 27.2 40.8

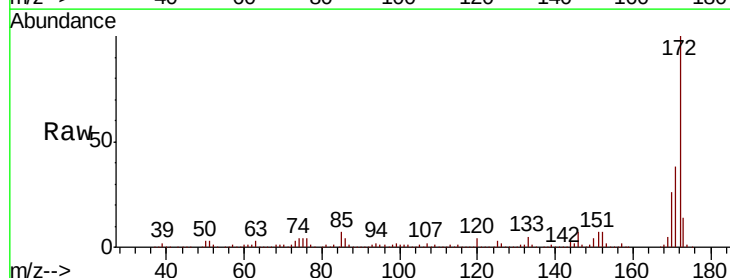


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

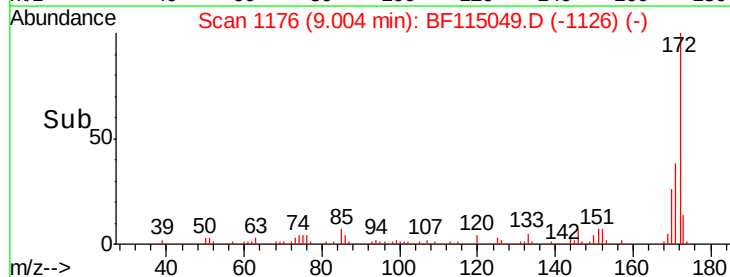
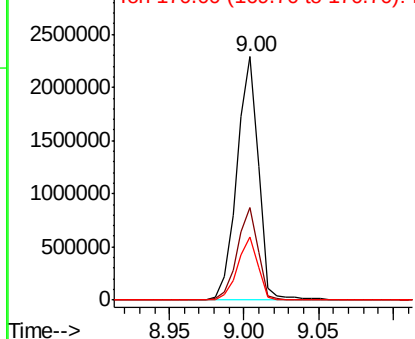


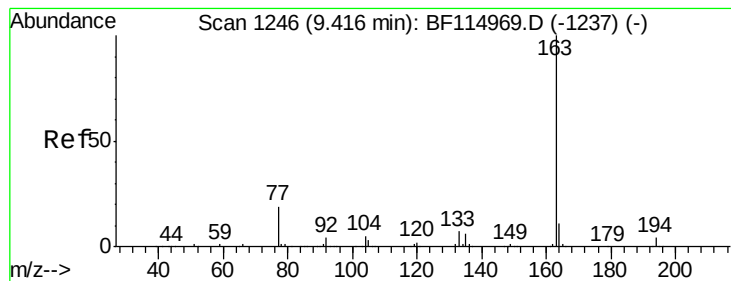
#45
 2-Fluorobiphenyl
 Concen: 85.604 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

Tgt Ion:172 Resp: 2324580
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 25.8 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: 8.901 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BF115049.D

Acq: 14 Jun 2019 19:32

Instrument :

BNA_F

ClientSampleId :

Z-3-SOIL-2

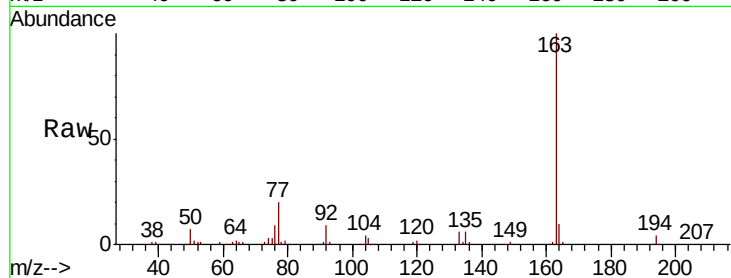
Tot Ion:163 Resp: 308077

Ion Ratio Lower Upper

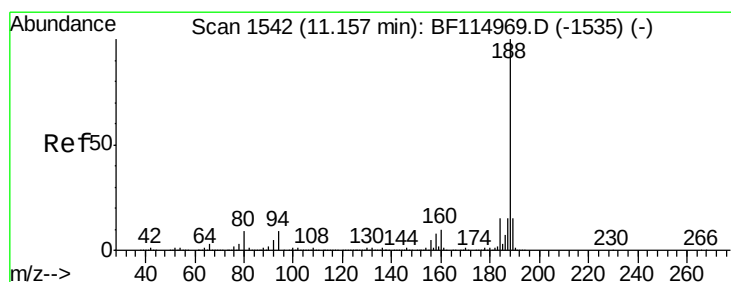
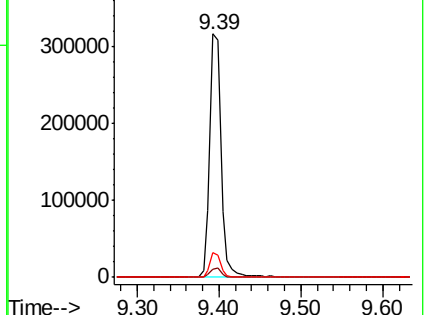
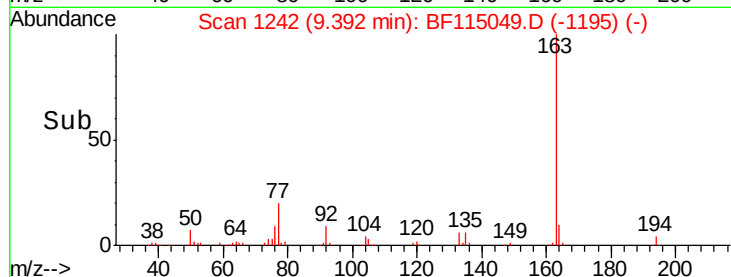
163 100

194 3.5 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: BF115049.D

Acq: 14 Jun 2019 19:32

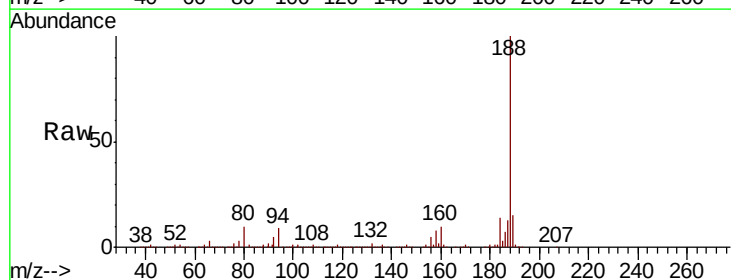
Tgt Ion:188 Resp: 812631

Ion Ratio Lower Upper

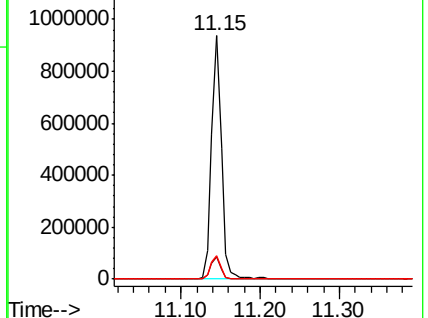
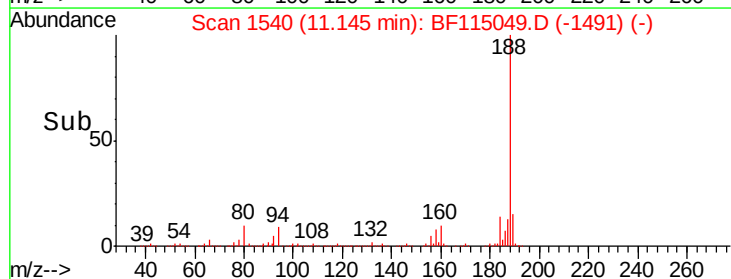
188 100

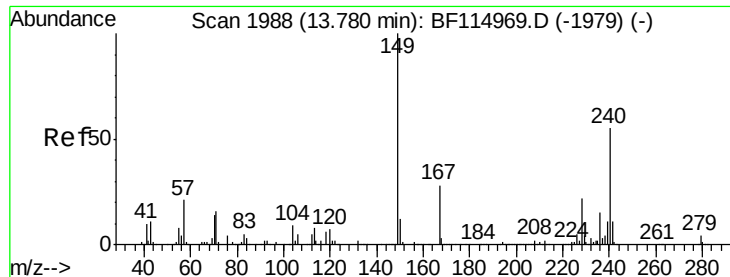
94 9.3 7.2 10.8

80 9.8 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

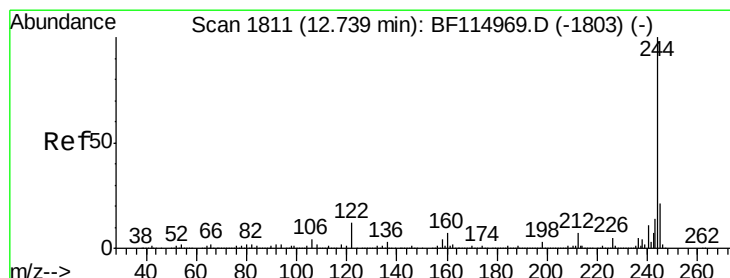
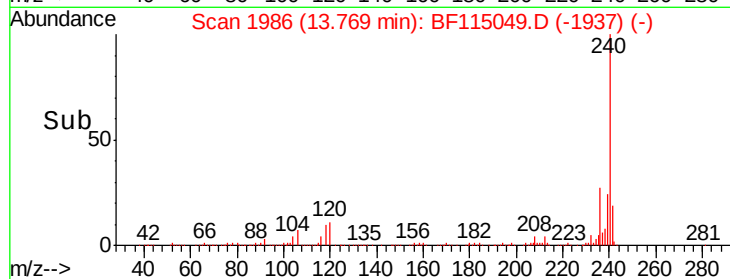
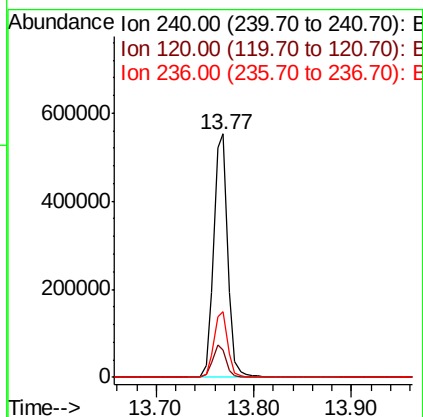
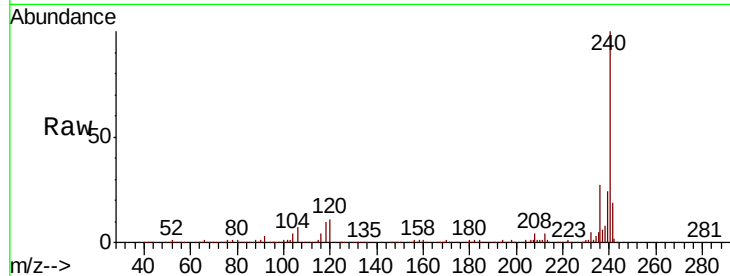




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

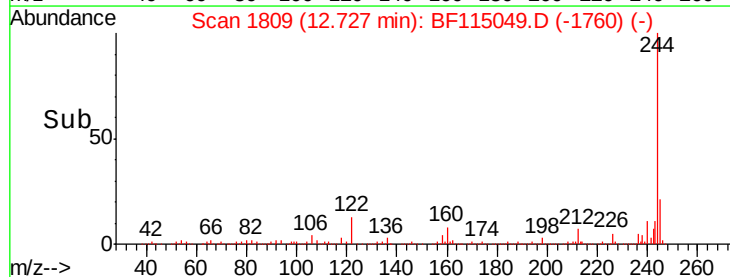
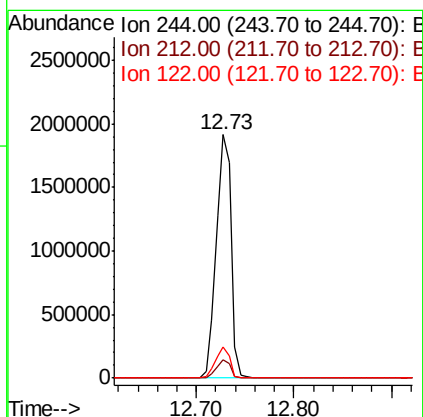
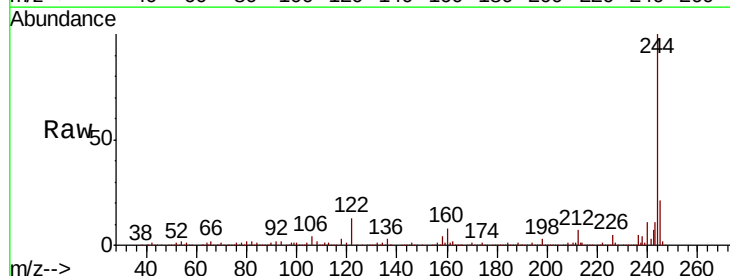
Instrument :
 BNA_F
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 Z-3-SOIL-2

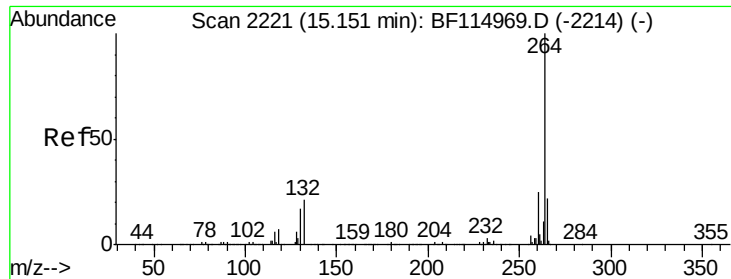
Tot Ion:240 Resp: 552527
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.0 15.0
 236 26.8 21.6 32.4



#79
 Terphenyl-d14
 Concen: 68.887 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115049.D
 Acq: 14 Jun 2019 19:32

Tgt Ion:244 Resp: 2023646
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.0 9.4 14.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF115049.D
Acq: 14 Jun 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	22.1	17.6	26.4

