

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115375.D
 Acq On : 2 Jul 2019 22:14
 Operator : HP/JU
 Sample : K3629-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE

Quant Time: Jul 03 07:10:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

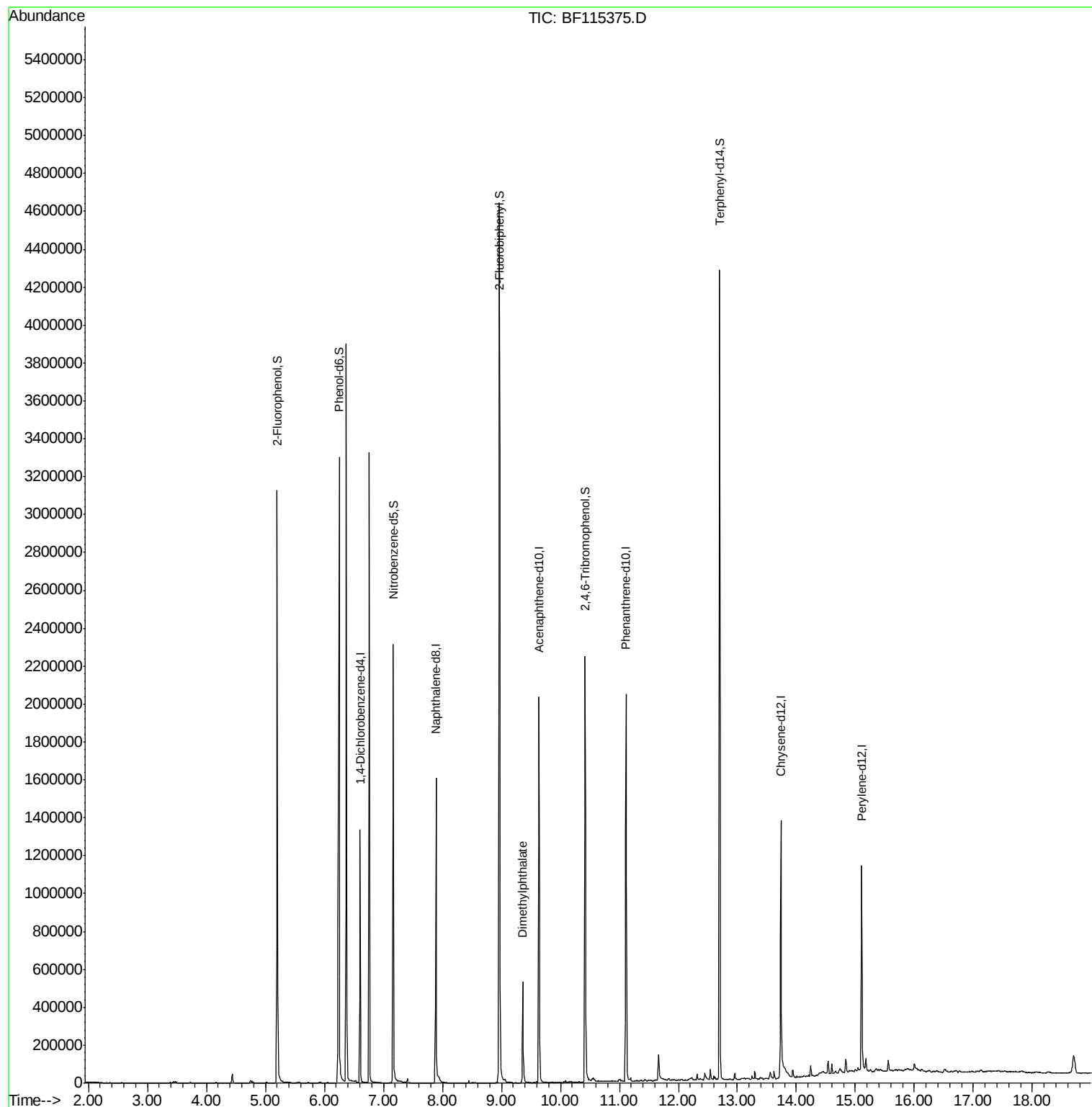
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211486	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	821640	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	394041	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	745699	20.00	ng	0.02
76) Chrysene-d12	13.74	240	439581	20.00	ng	0.02
87) Perylene-d12	15.11	264	481724	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1053089	76.84	ng	0.01
7) Phenol-d6	6.25	99	1355976	81.52	ng	0.01
23) Nitrobenzene-d5	7.17	82	805826	60.33	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	299319	72.03	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	1527642	65.85	ng	0.00
79) Terphenyl-d14	12.70	244	1470207	71.11	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.36	163	260899	8.999	ng	Qvalue 99

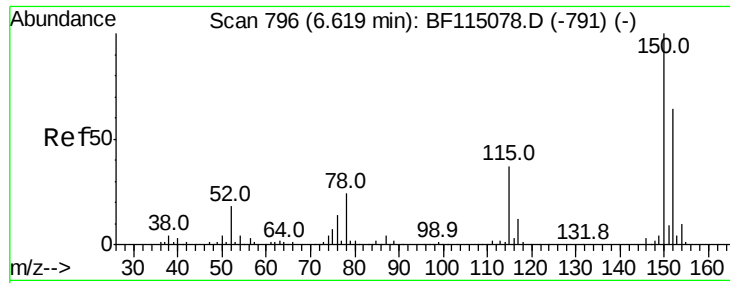
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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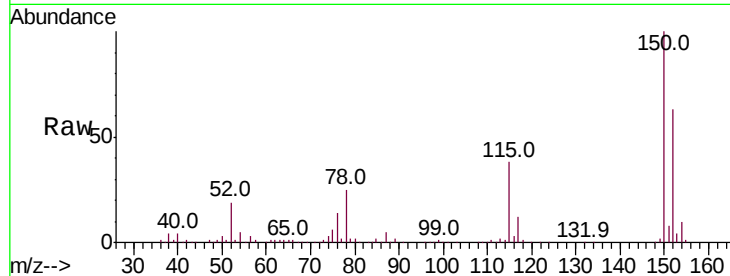


#1

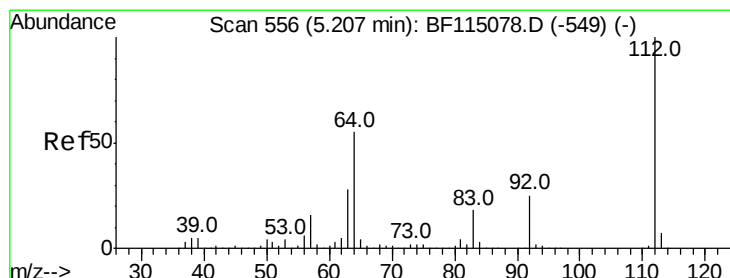
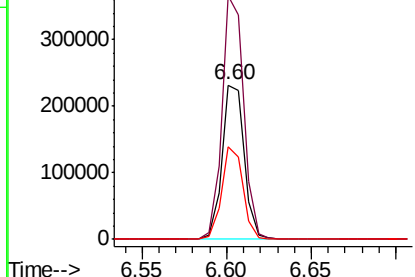
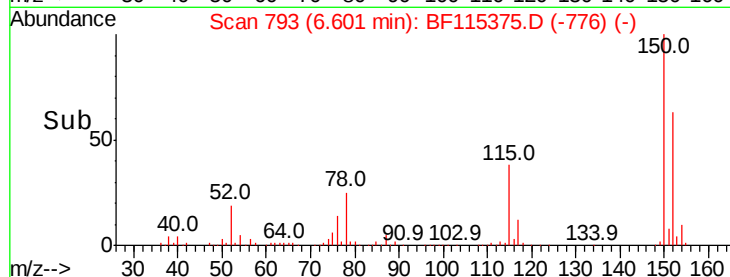
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE

Tot Ion:152 Resp: 211486
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.2 186.2
 115 60.1 46.1 69.1



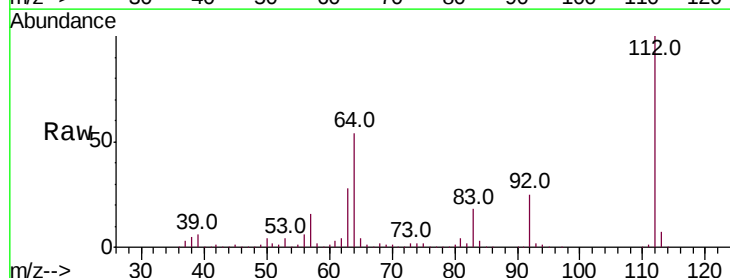
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



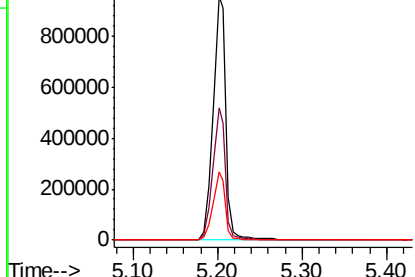
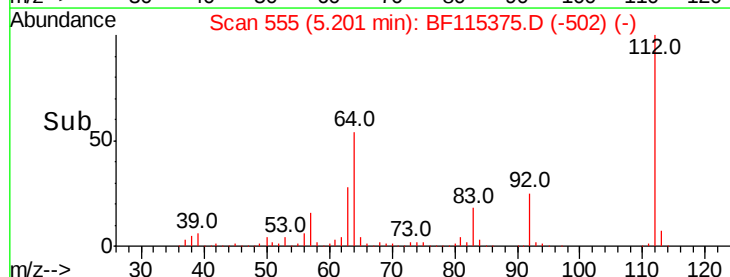
#5

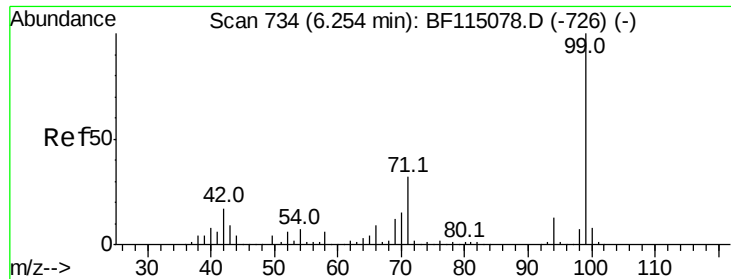
2-Fluorophenol
 Concen: 76.842 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

Tgt Ion:112 Resp: 1053089
 Ion Ratio Lower Upper
 112 100
 64 54.1 43.8 65.6
 63 28.1 22.2 33.4



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: 81.518 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

Instrument :

BNA_F

ClientSampleId :

NB-SOIL-PILE

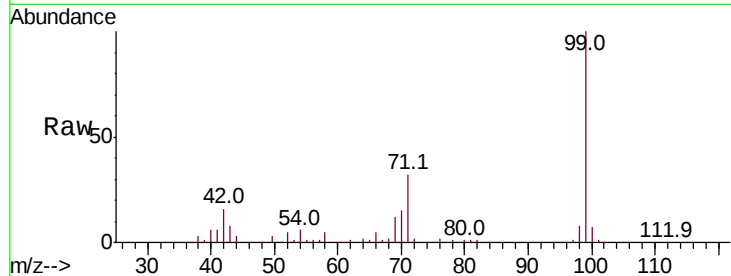
Tot Ion: 99 Resp: 1355976

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

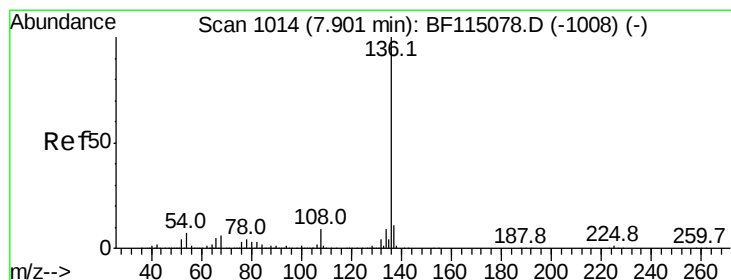
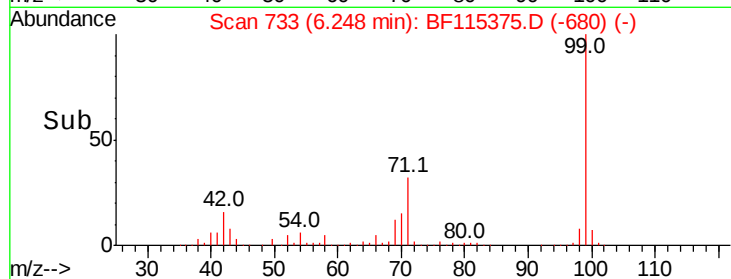
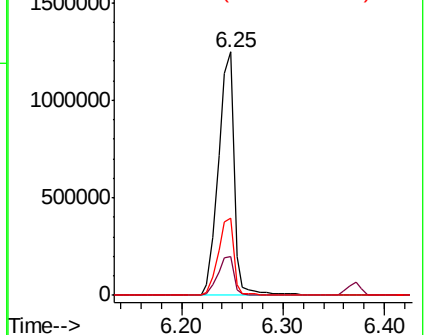
71 31.9 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

Tgt Ion: 136 Resp: 821640

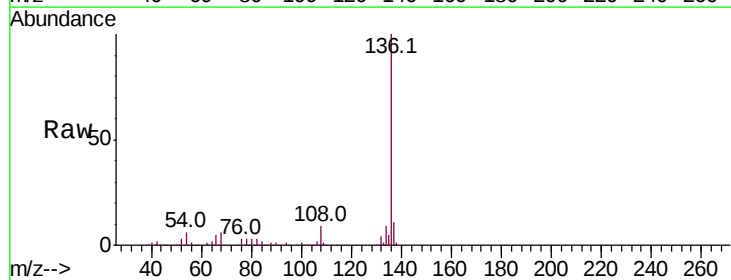
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 5.6 8.4

68 5.5 4.8 7.2

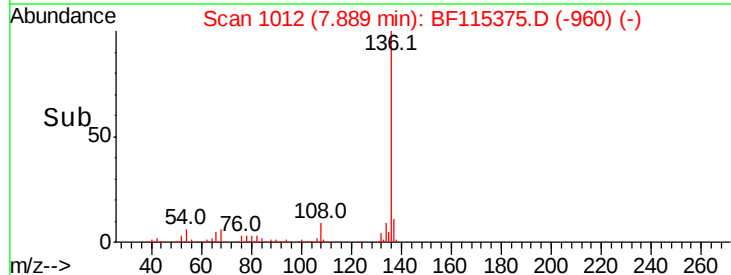
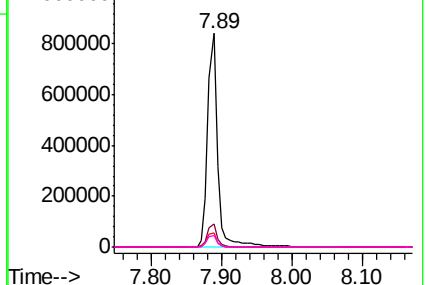


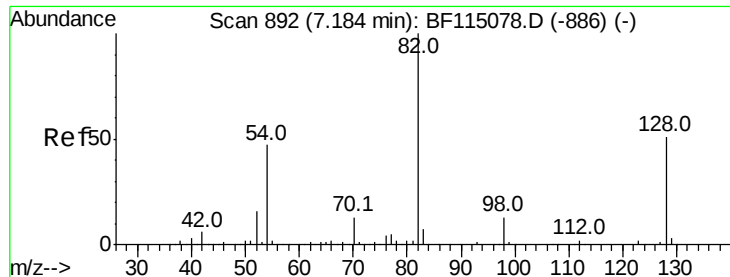
Abundance Ion 136.00 (135.70 to 136.70): E

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

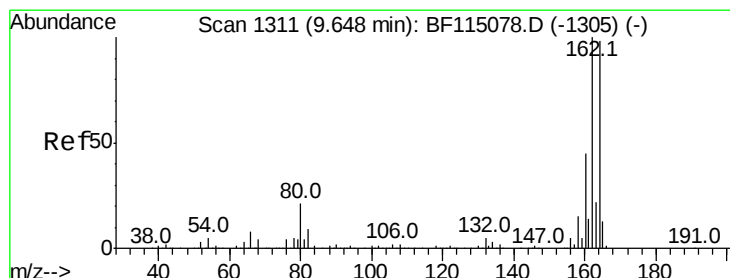
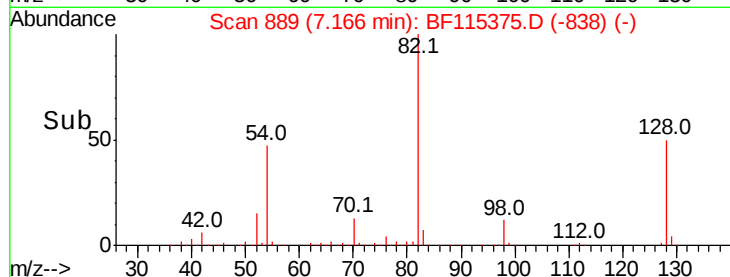
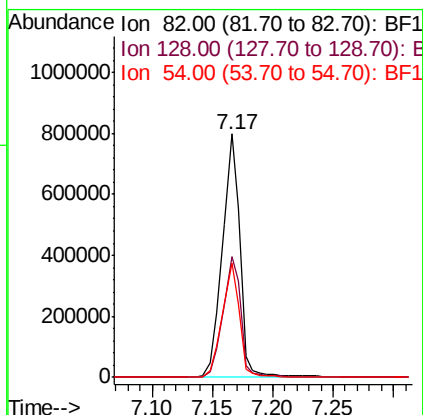
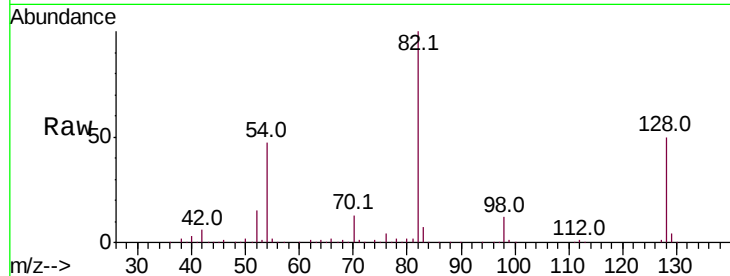




#23
 Nitrobenzene-d5
 Concen: 60.331 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

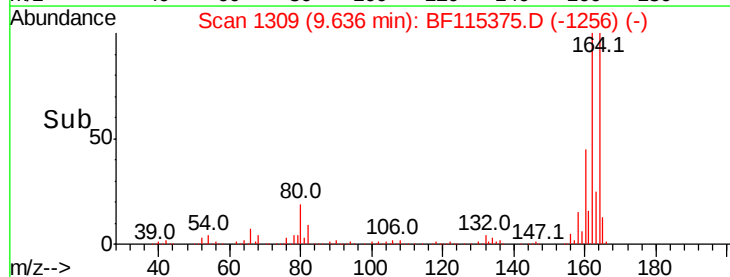
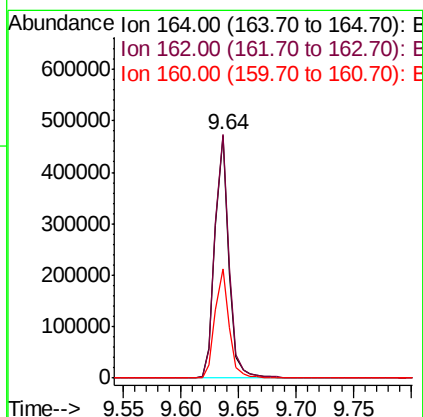
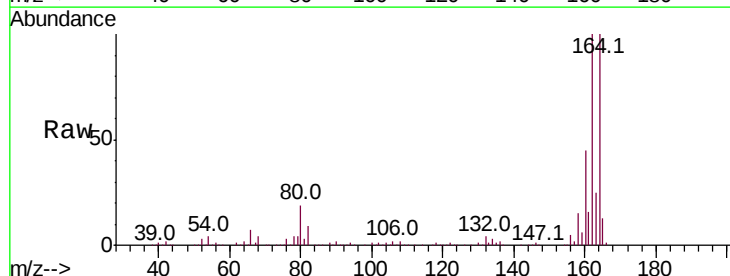
Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE

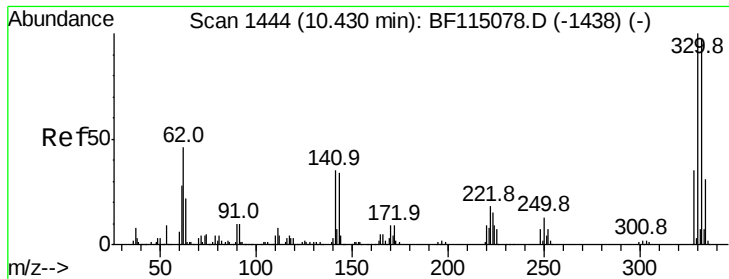
Tot Ion: 82 Resp: 805826
 Ion Ratio Lower Upper
 82 100
 128 49.8 40.4 60.6
 54 47.2 37.5 56.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

Tgt Ion:164 Resp: 394041
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.7 122.5
 160 45.0 37.0 55.4

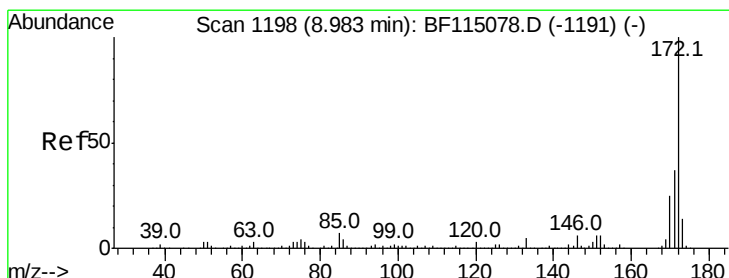
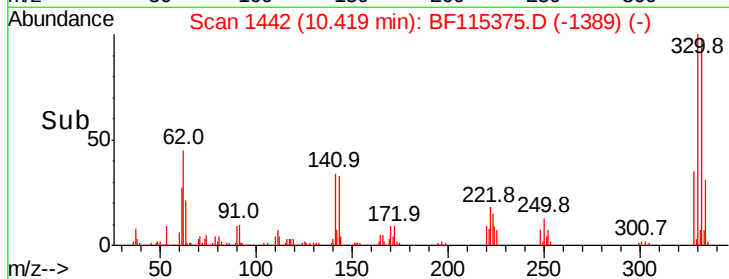
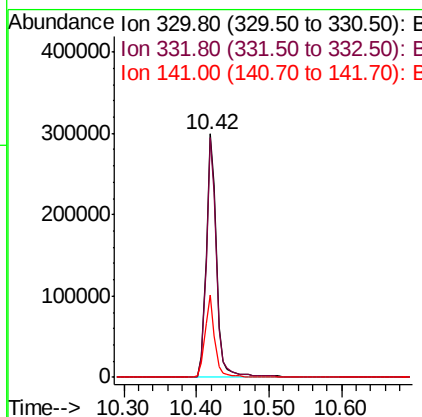
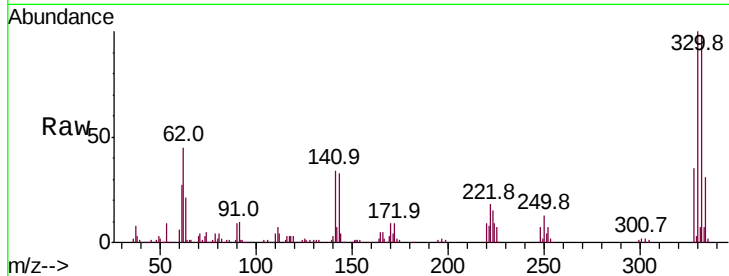




#42
 2,4,6-Tribromophenol
 Concen: 72.033 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

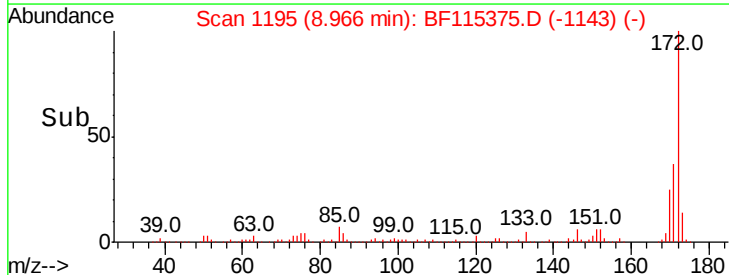
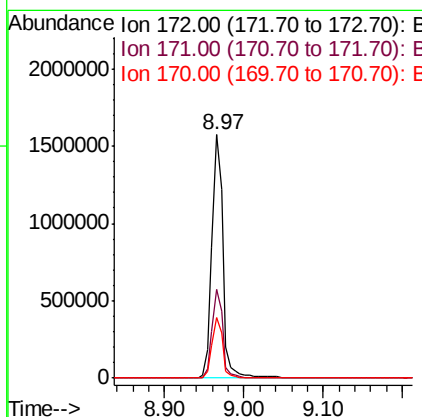
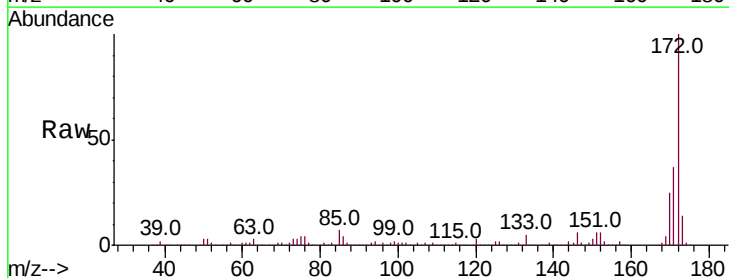
Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE

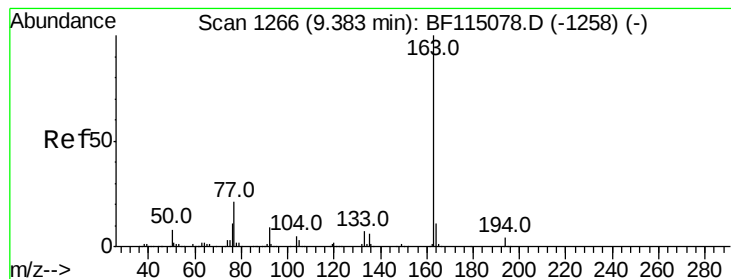
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.2	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 65.853 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.6	20.3	30.5





#50

Dimethylphthalate

Concen: 8.999 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

Instrument :

BNA_F

ClientSampleId :

NB-SOIL-PILE

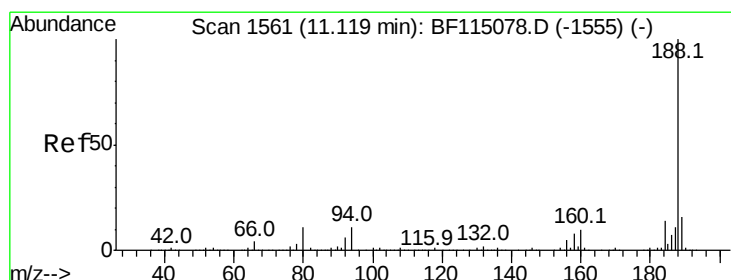
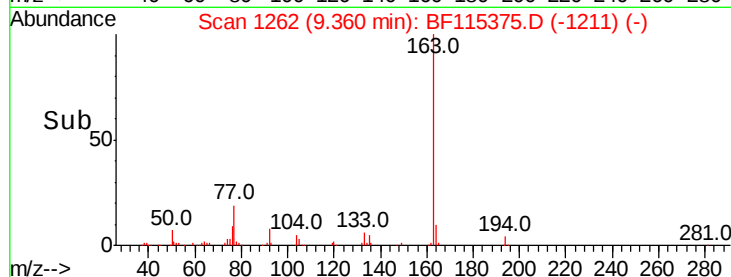
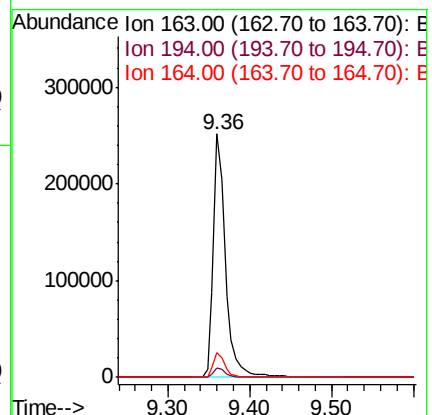
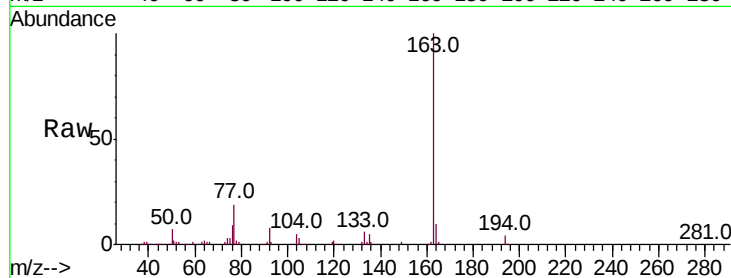
Tot Ion:163 Resp: 260899

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.4 8.6 13.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

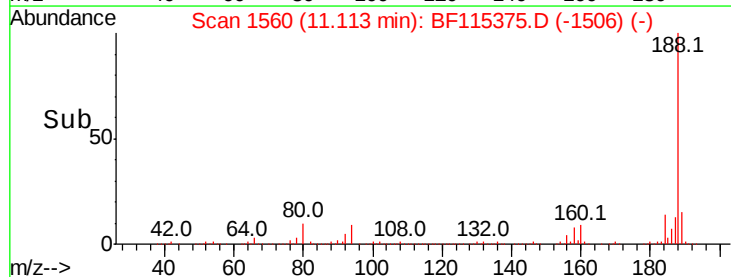
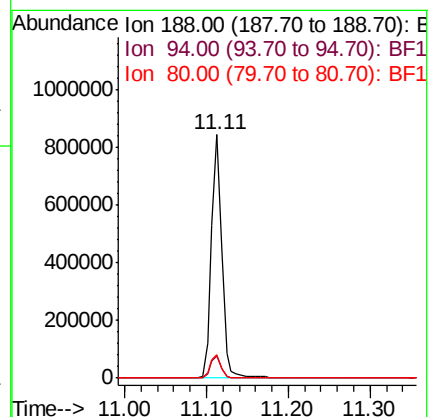
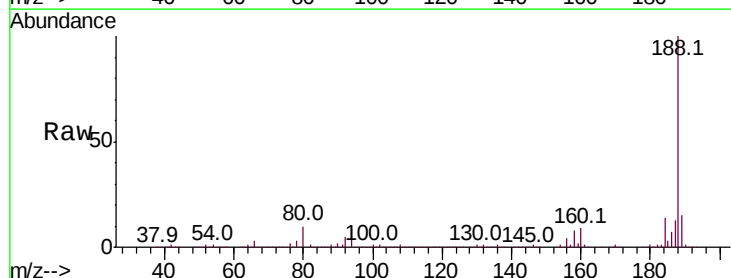
Tgt Ion:188 Resp: 745699

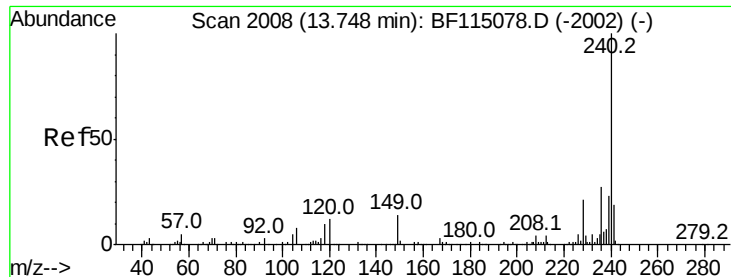
Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

80 9.9 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

Instrument :

BNA_F

ClientSampleId :

NB-SOIL-PILE

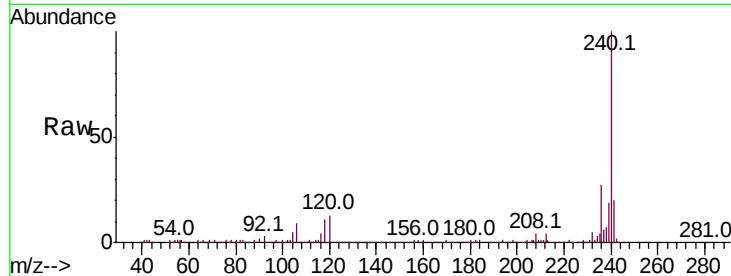
Tot Ion:240 Resp: 439581

Ion Ratio Lower Upper

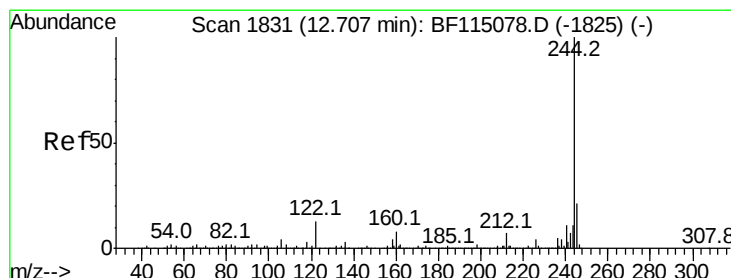
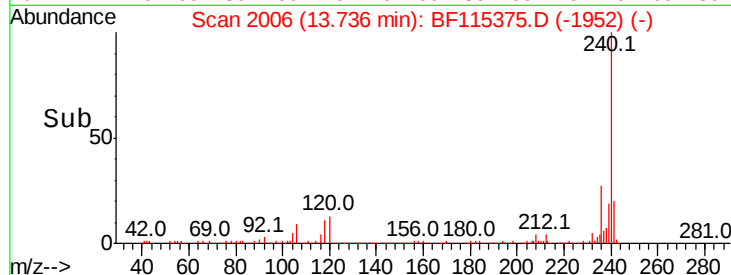
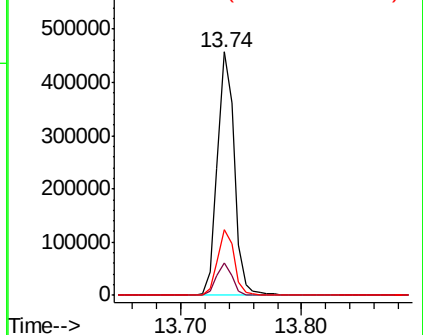
240 100

120 13.1 9.4 14.2

236 26.9 21.7 32.5



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



#79

Terphenyl-d14

Concen: 71.111 ng

RT: 12.70 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF115375.D

Acq: 2 Jul 2019 22:14

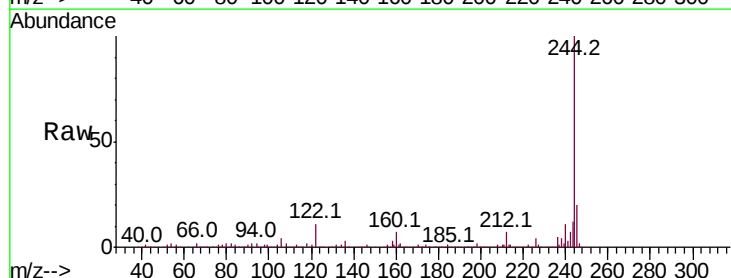
Tgt Ion:244 Resp: 1470207

Ion Ratio Lower Upper

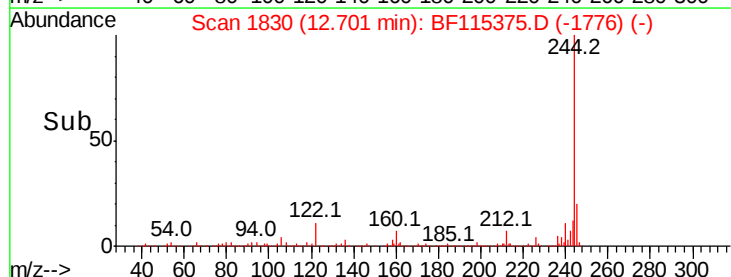
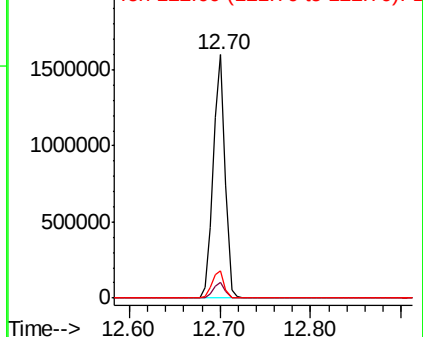
244 100

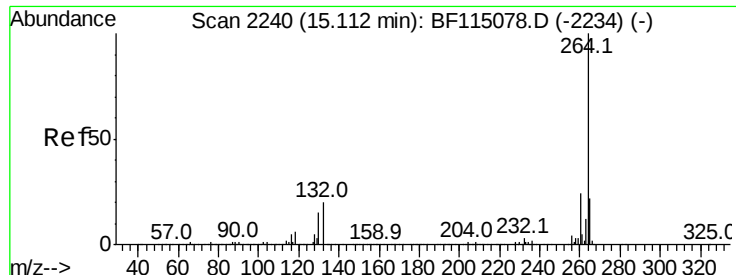
212 6.6 5.8 8.6

122 11.4 10.4 15.6



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: 15.11 min Scan# 2239
 Delta R.T. 0.02 min
 Lab File: BF115375.D
 Acq: 2 Jul 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE

Tot Ion:264 Resp: 481724
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.3 17.3 25.9

