

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115250.D
 Acq On : 27 Jun 2019 22:41
 Operator : HP/JU
 Sample : K3532-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

Quant Time: Jun 28 07:07:43 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	224426	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	840416	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	404583	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	805949	20.00	ng	0.00
76) Chrysene-d12	13.71	240	689252	20.00	ng	-0.01
87) Perylene-d12	15.07	264	740838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1573540	108.20	ng	0.00
7) Phenol-d6	6.24	99	1779299	100.80	ng	0.00
23) Nitrobenzene-d5	7.16	82	1291872	94.56	ng	0.00
42) 2,4,6-Tribromophenol	10.40	330	573235	134.36	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2334518	98.01	ng	0.00
79) Terphenyl-d14	12.68	244	2719069	83.88	ng	0.00

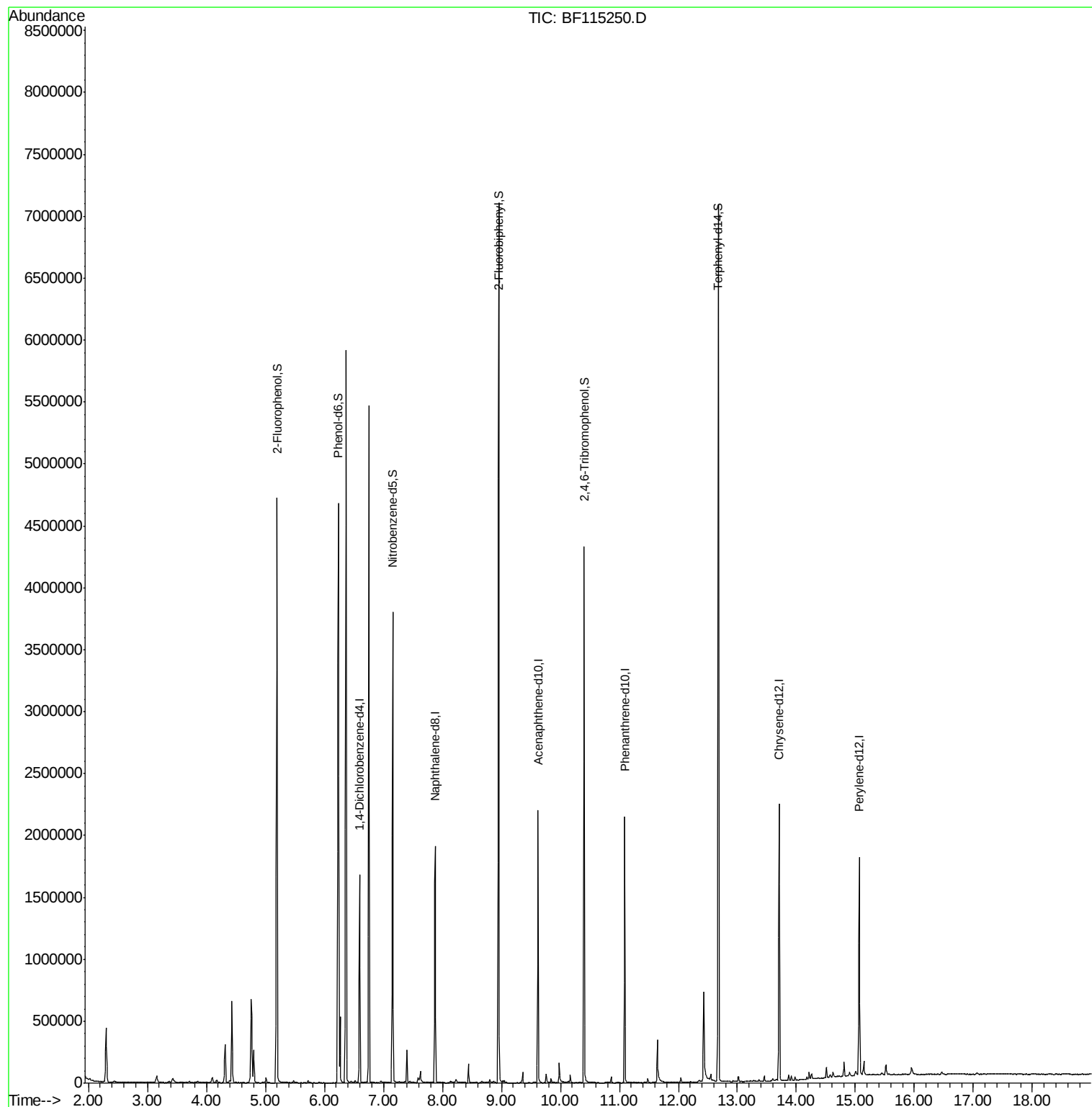
Target Compounds Qvalue

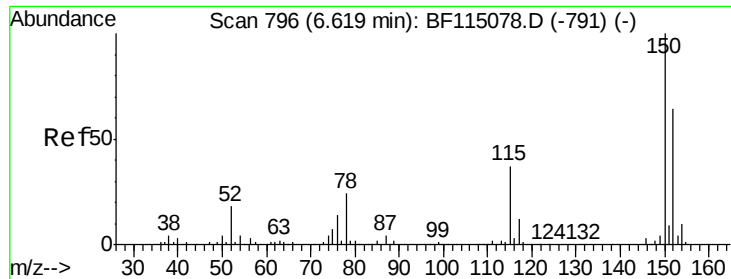
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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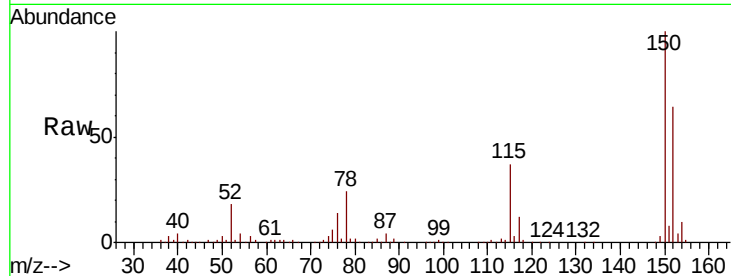


#1

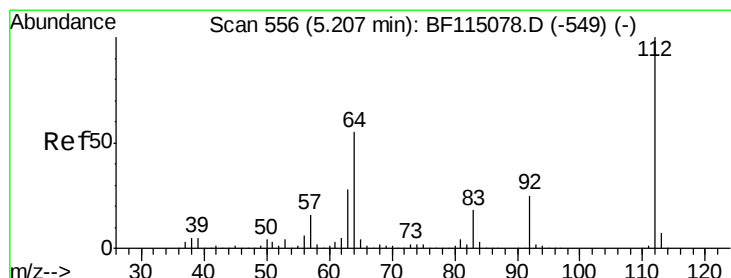
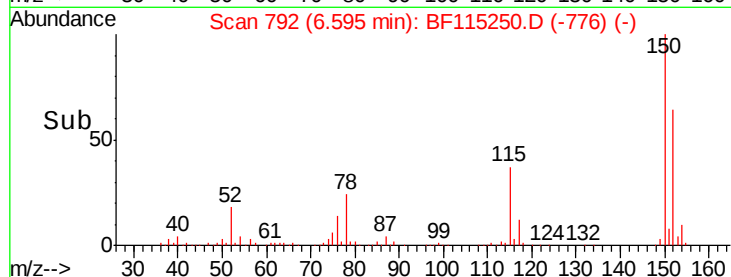
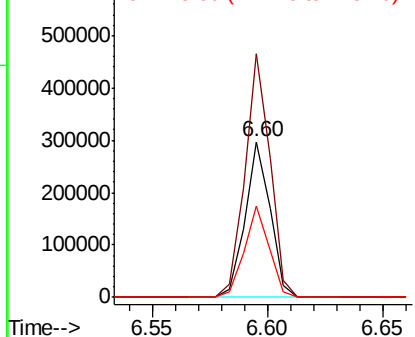
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

Tot Ion:152 Resp: 224426
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.2 186.2
 115 58.7 46.1 69.1



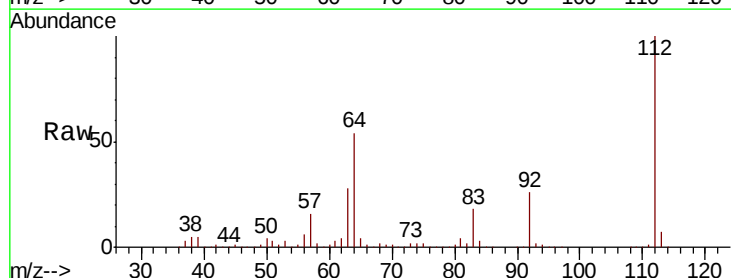
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



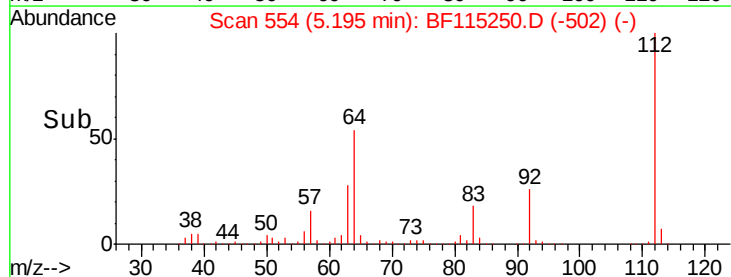
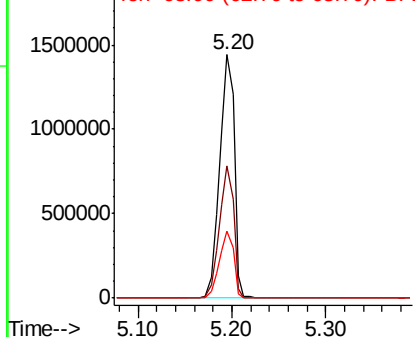
#5

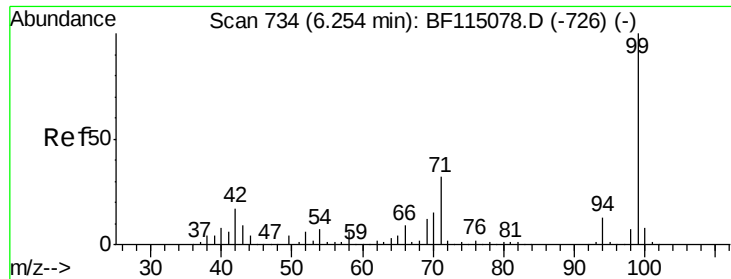
2-Fluorophenol
 Concen: 108.198 ng
 RT: 5.20 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:112 Resp: 1573540
 Ion Ratio Lower Upper
 112 100
 64 54.4 43.8 65.6
 63 27.6 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: 100.799 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

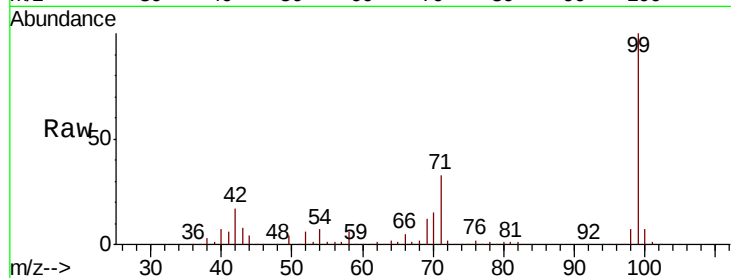
Tot Ion: 99 Resp: 1779299

Ion Ratio Lower Upper

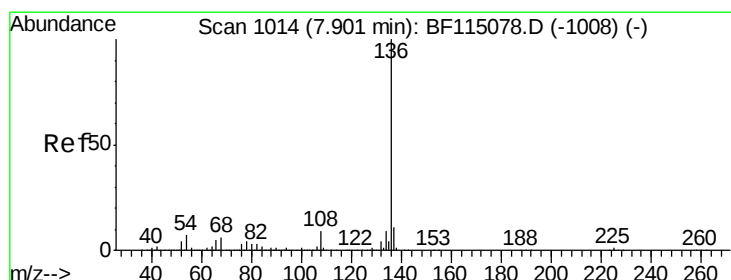
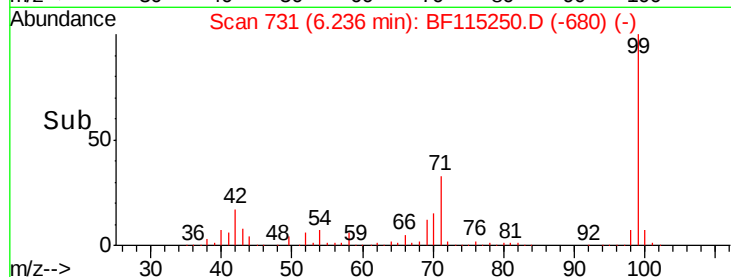
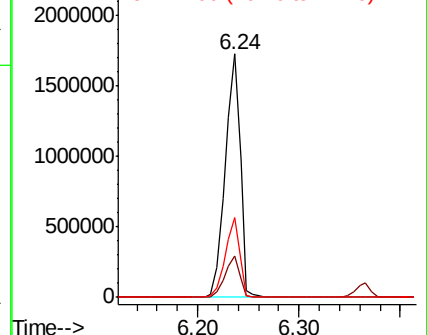
99 100

42 17.2 13.6 20.4

71 32.8 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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Tgt Ion:136 Resp: 840416

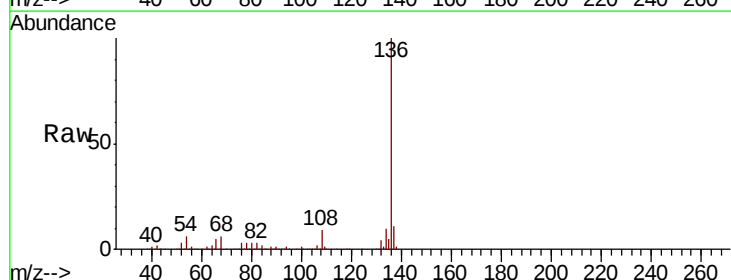
Ion Ratio Lower Upper

136 100

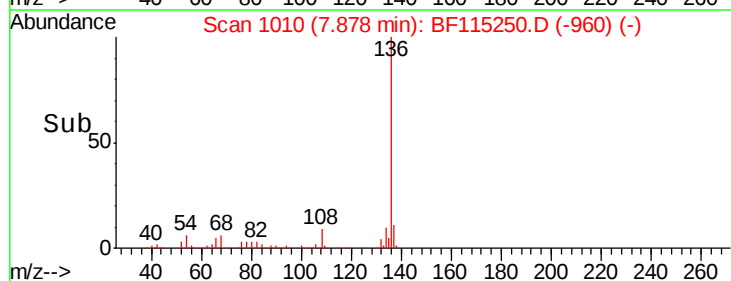
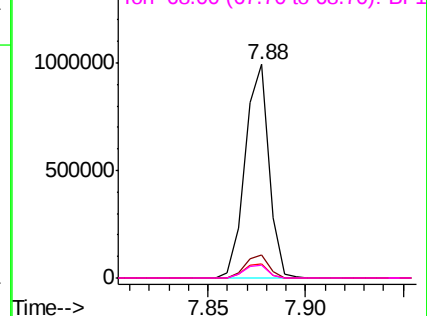
137 11.0 8.9 13.3

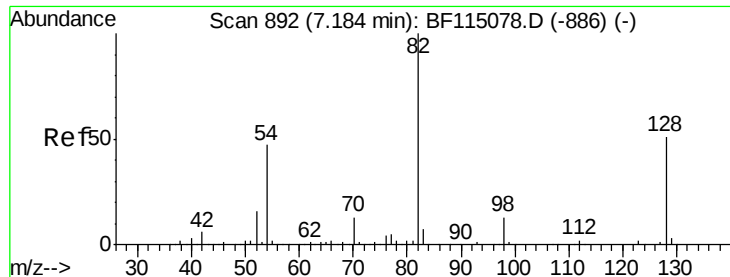
54 6.5 5.6 8.4

68 5.7 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

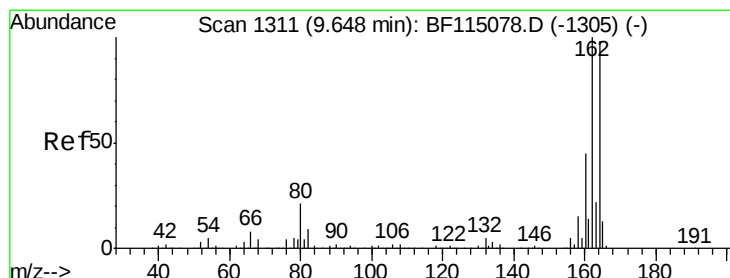
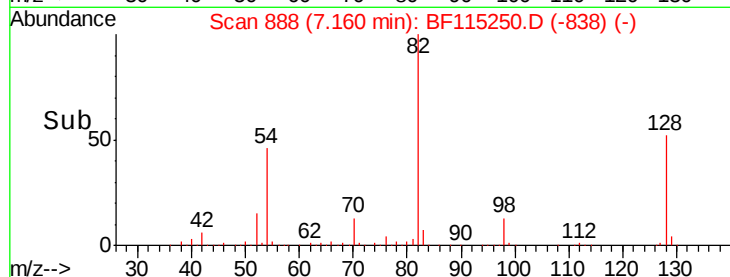
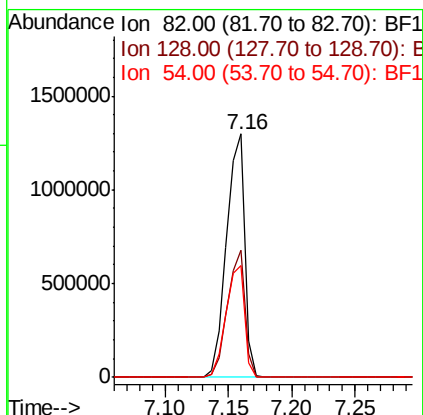
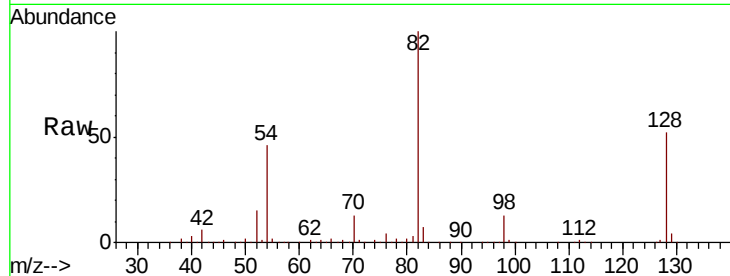




#23
 Nitrobenzene-d5
 Concen: 94.560 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

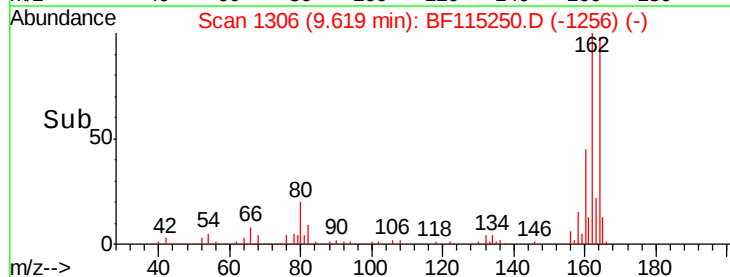
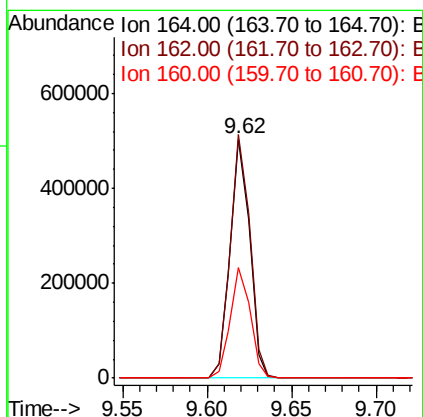
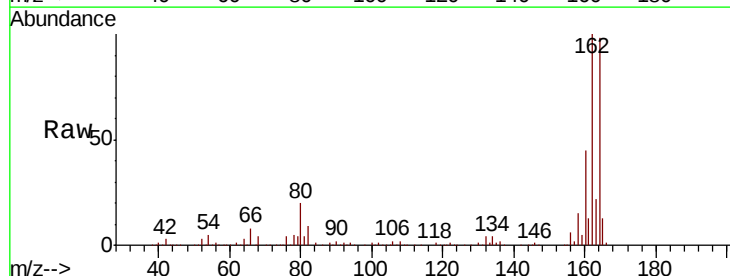
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

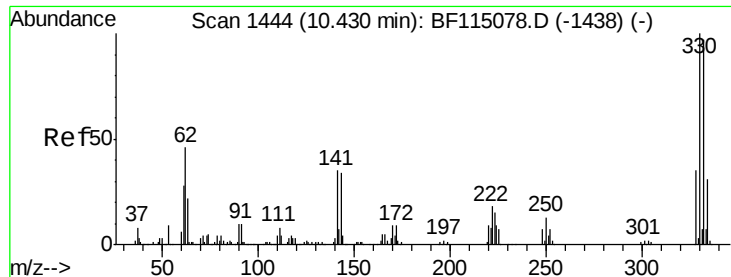
Tot Ion: 82 Resp: 1291872
 Ion Ratio Lower Upper
 82 100
 128 52.2 40.4 60.6
 54 46.0 37.5 56.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:164 Resp: 404583
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.7 122.5
 160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 134.358 ng

RT: 10.40 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

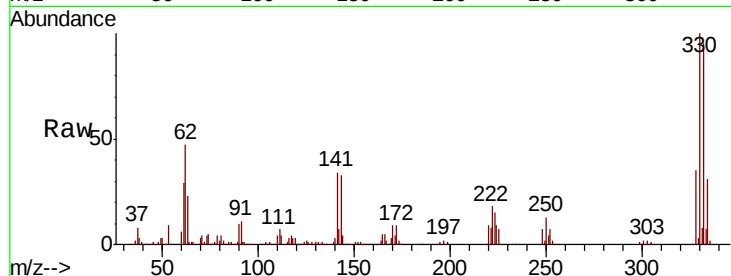
Tot Ion:330 Resp: 573235

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

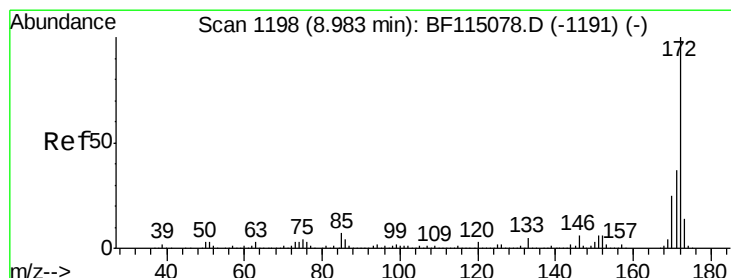
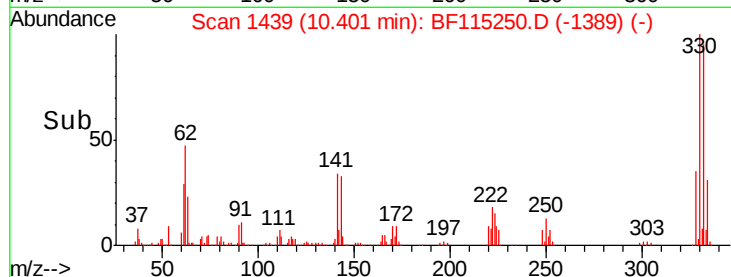
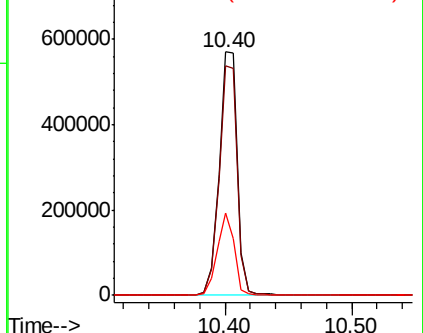
141 31.9 28.2 42.2



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: 98.014 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

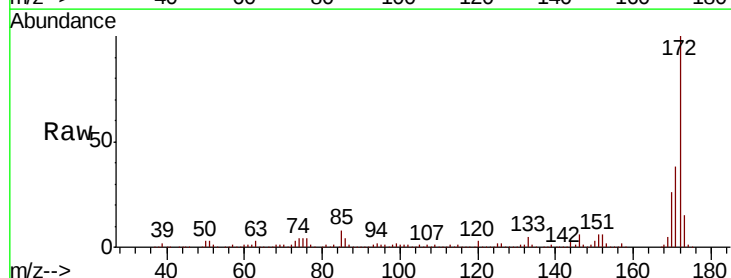
Tgt Ion:172 Resp: 2334518

Ion Ratio Lower Upper

172 100

171 37.9 29.8 44.6

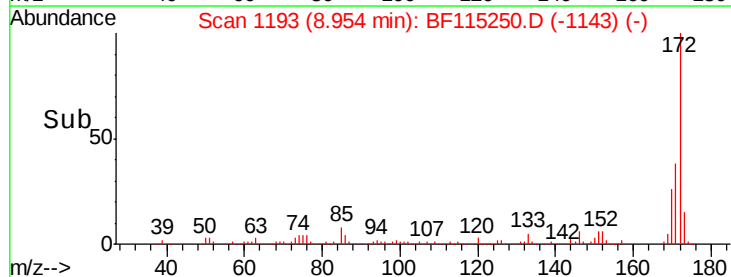
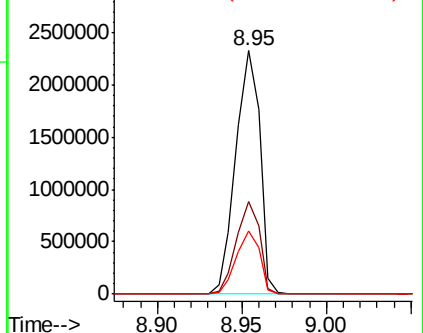
170 25.8 20.3 30.5

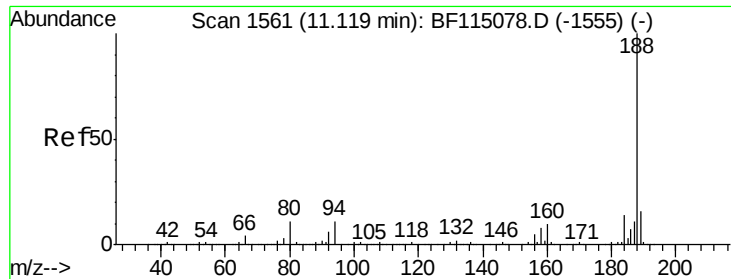


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

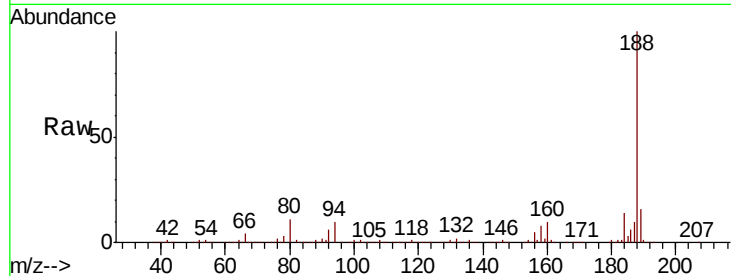
Tot Ion:188 Resp: 805949

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

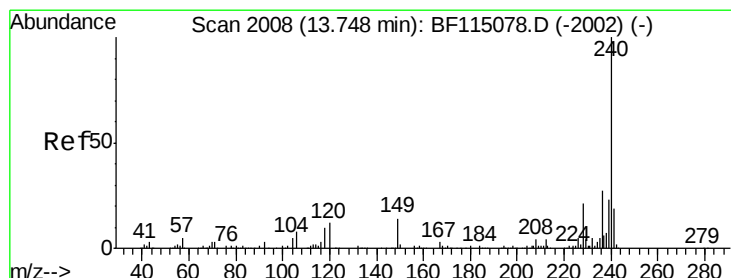
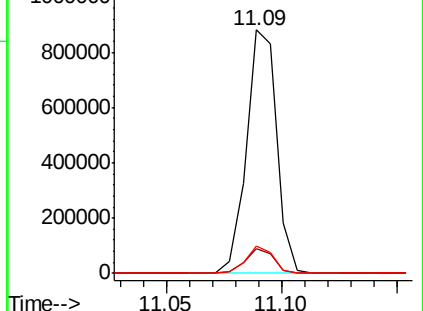
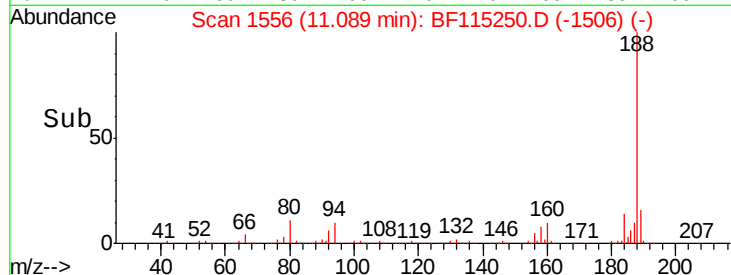
80 11.1 8.8 13.2



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: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

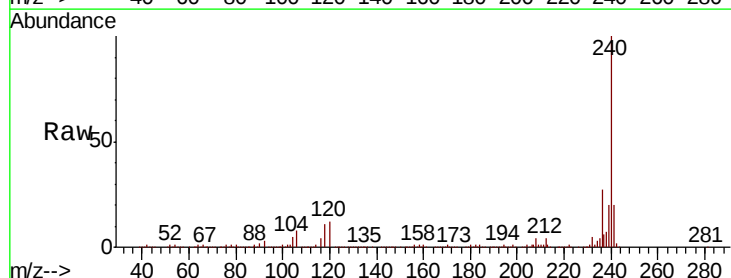
Tgt Ion:240 Resp: 689252

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

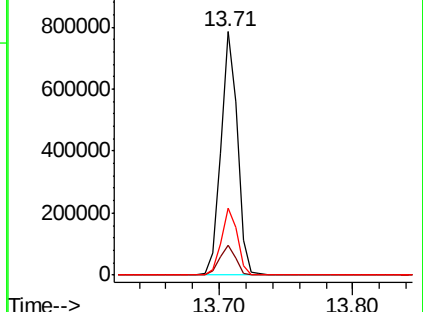
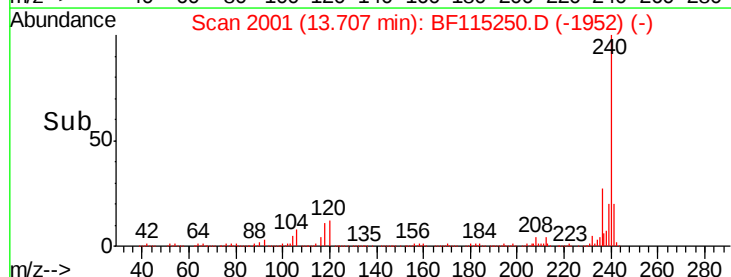
236 27.3 21.7 32.5

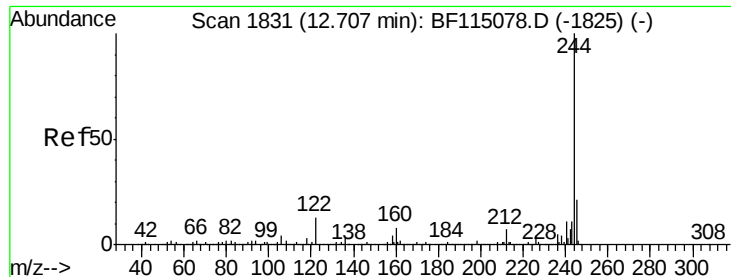


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.876 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

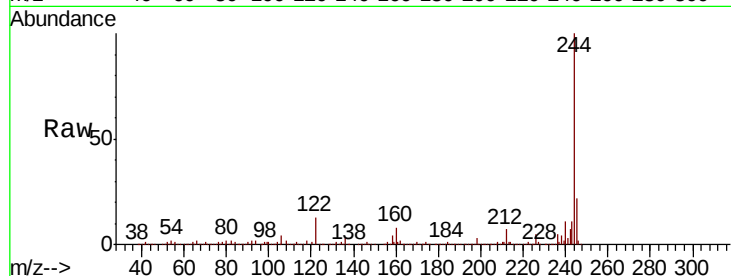
Tot Ion:244 Resp: 2719069

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

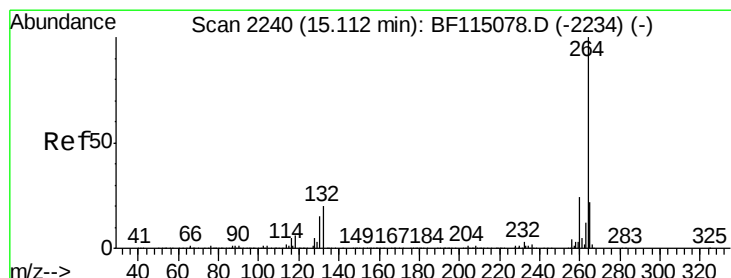
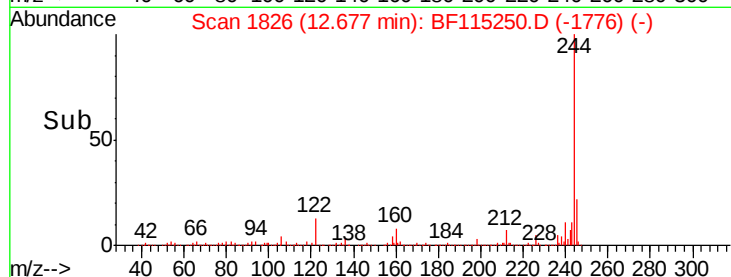
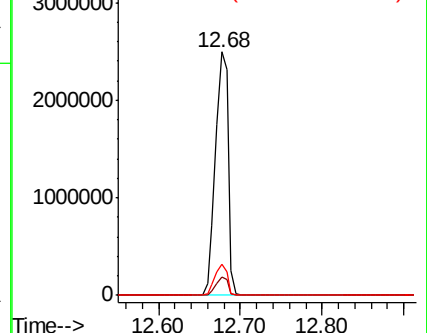
122 12.8 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

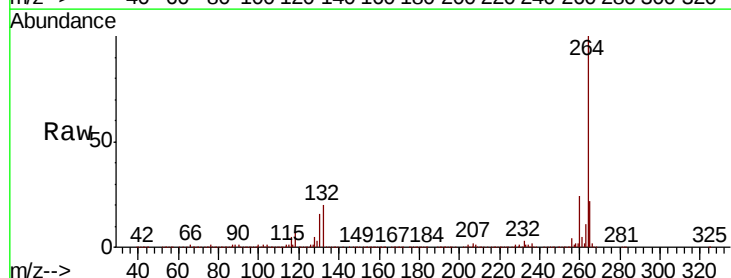
Tgt Ion:264 Resp: 740838

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.2 17.3 25.9



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

