

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115356.D
 Acq On : 2 Jul 2019 12:03
 Operator : HP/JU
 Sample : K3557-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-EW03-CONCRETE

Quant Time: Jul 02 14:40:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 12:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	200668	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	740111	20.00	ng	-0.01
39) Acenaphthene-d10	9.62	164	379906	20.00	ng	-0.01
64) Phenanthrene-d10	11.10	188	767175	20.00	ng	0.00
76) Chrysene-d12	13.72	240	644168	20.00	ng	0.00
87) Perylene-d12	15.11	264	612912	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1328955	102.20	ng	0.02
7) Phenol-d6	6.25	99	1521387	96.39	ng	0.00
23) Nitrobenzene-d5	7.16	82	1108407	92.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	589340	147.11	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2057639	92.00	ng	0.00
79) Terphenyl-d14	12.69	244	2506229	82.72	ng	0.00

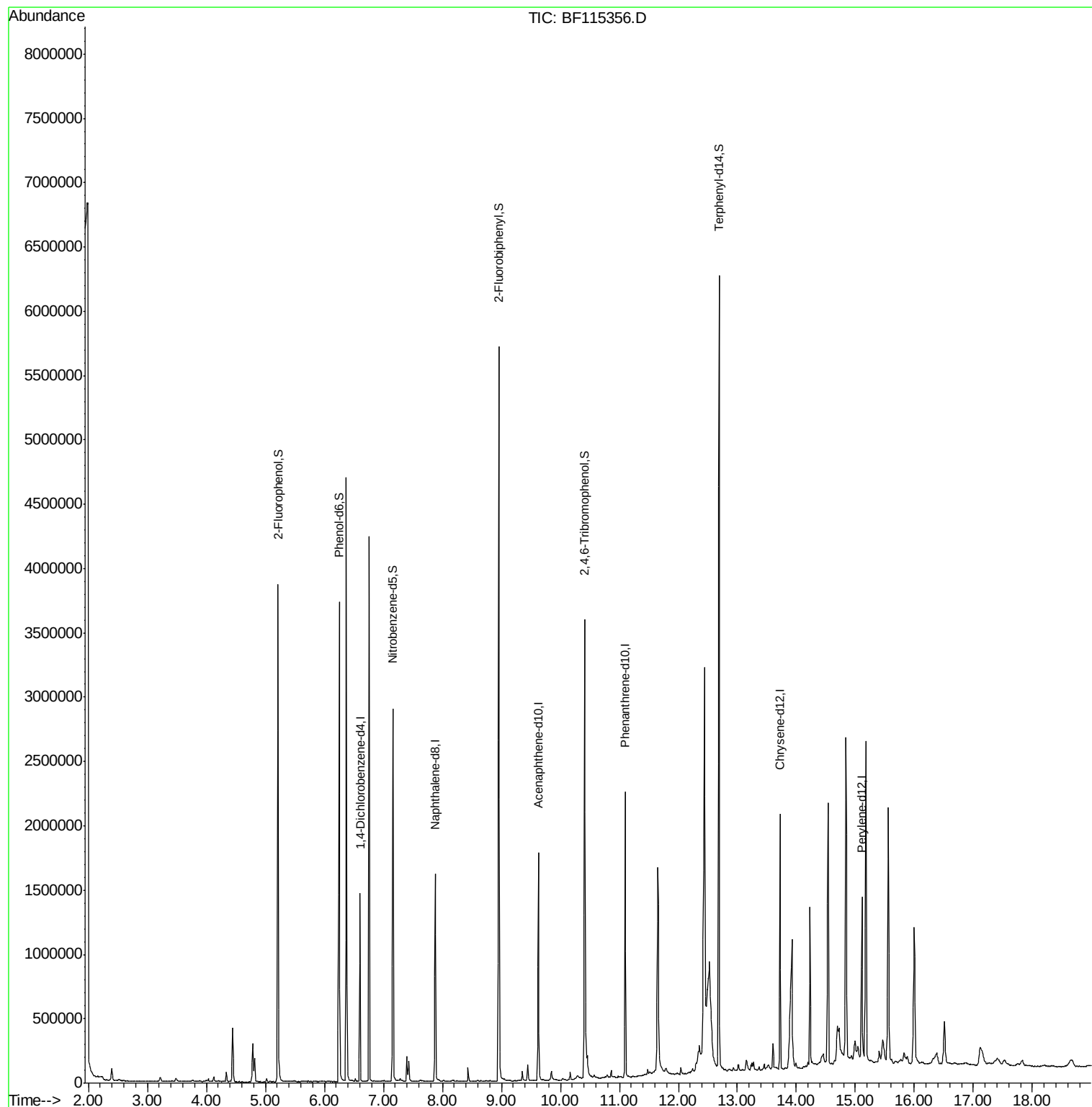
Target Compounds Qvalue

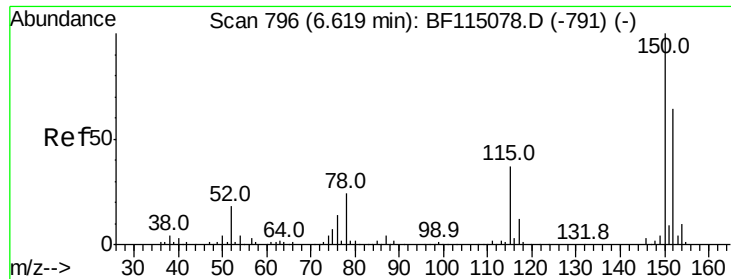
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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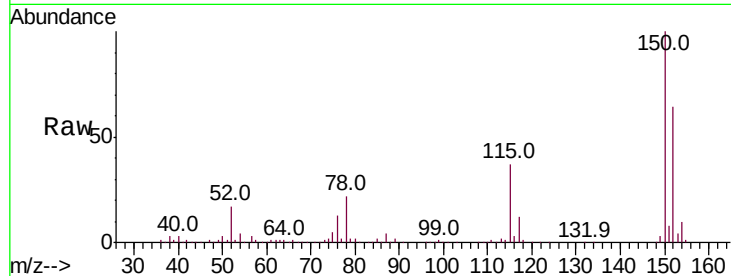


#1

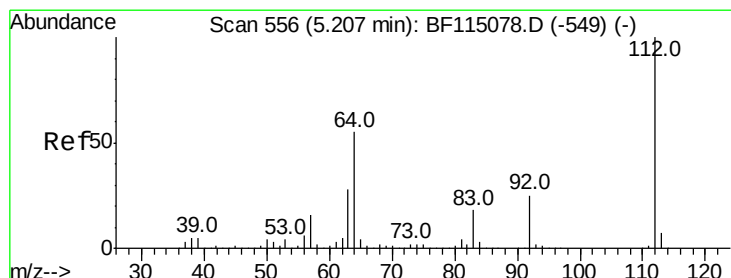
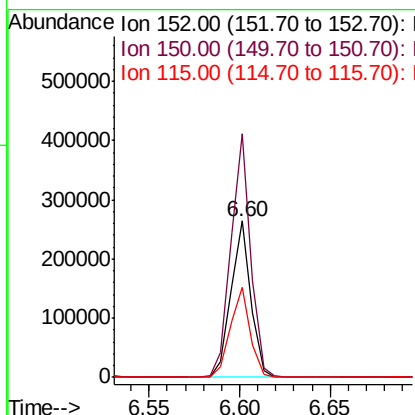
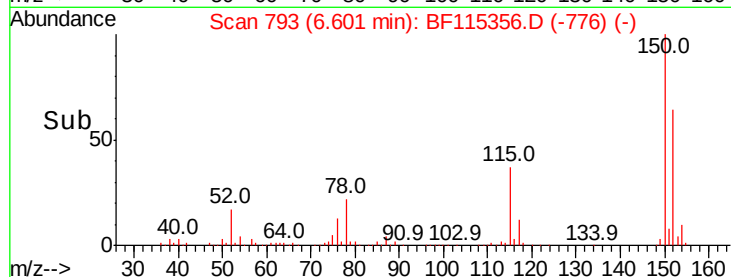
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115356.D
Acq: 2 Jul 2019 12:03

Instrument :
BNA_F
ClientSampleId :
IDW-EW03-CONCRETE

Tot Ion:152 Resp: 200668
Ion Ratio Lower Upper
152 100
150 156.0 125.2 187.8
115 57.5 48.2 72.2



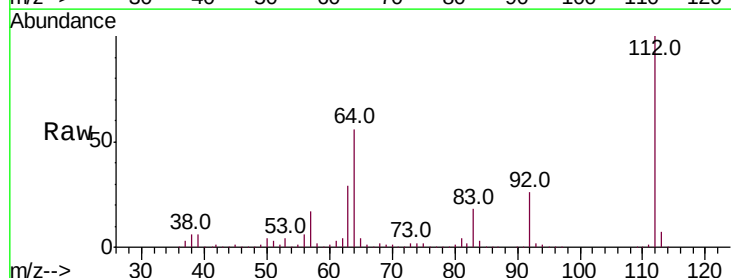
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



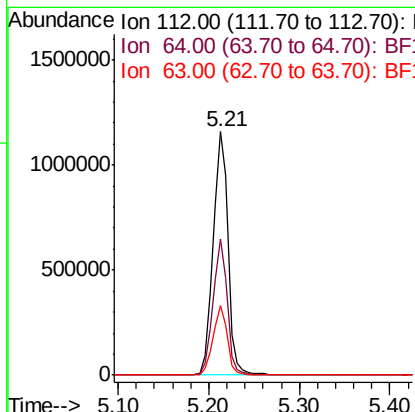
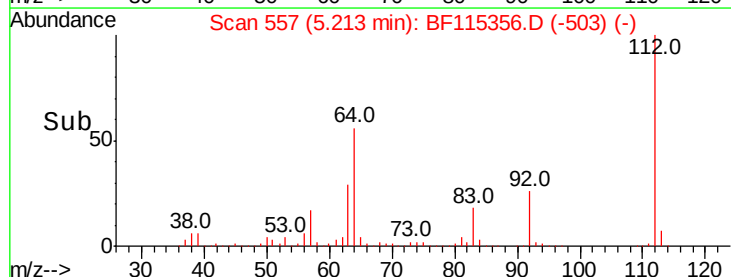
#5

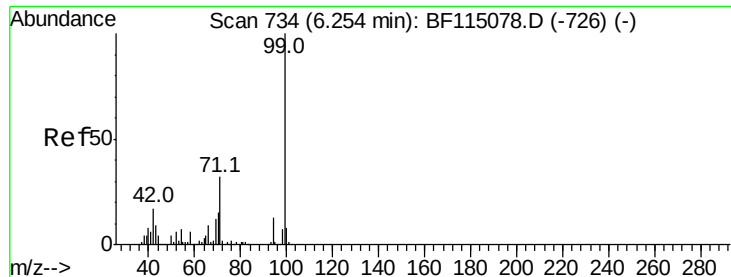
2-Fluorophenol
Concen: 102.199 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115356.D
Acq: 2 Jul 2019 12:03

Tgt Ion:112 Resp: 1328955
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 28.5 22.3 33.5



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: 96.393 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115356.D

Acq: 2 Jul 2019 12:03

Instrument :

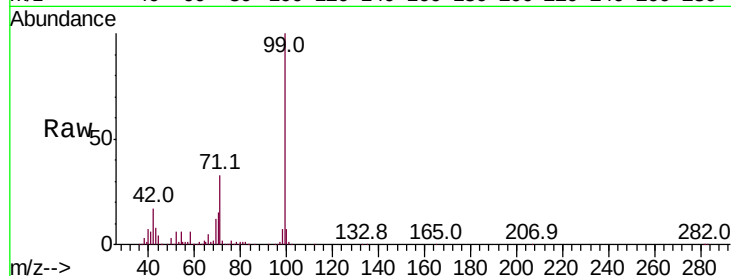
BNA_F

ClientSampleId :

IDW-EW03-CONCRETE

Tot Ion: 99 Resp: 1521387

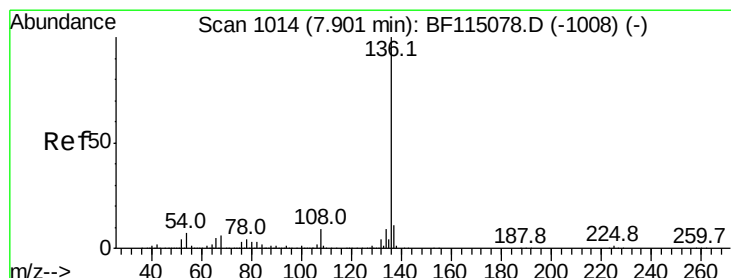
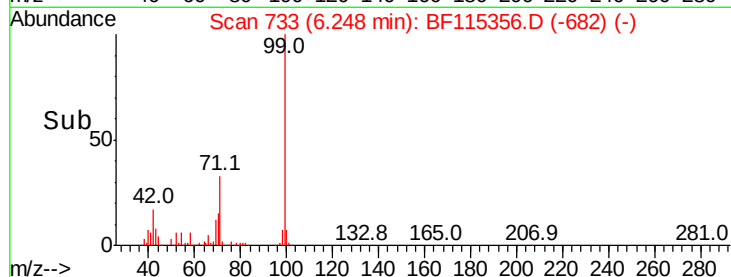
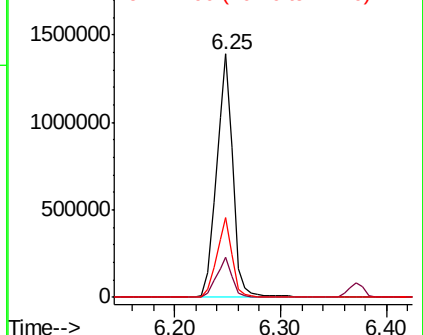
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	32.9	25.4	38.2



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

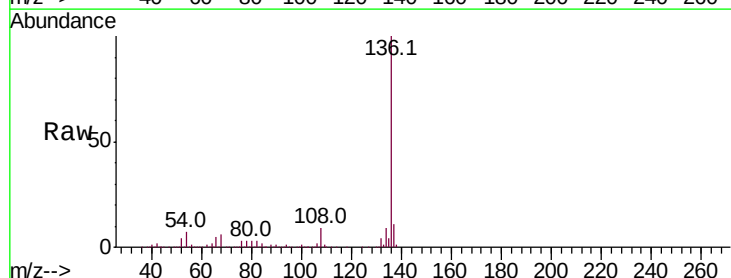
Delta R.T. -0.01 min

Lab File: BF115356.D

Acq: 2 Jul 2019 12:03

Tgt Ion: 136 Resp: 740111

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	5.1	7.7
68	6.1	4.3	6.5

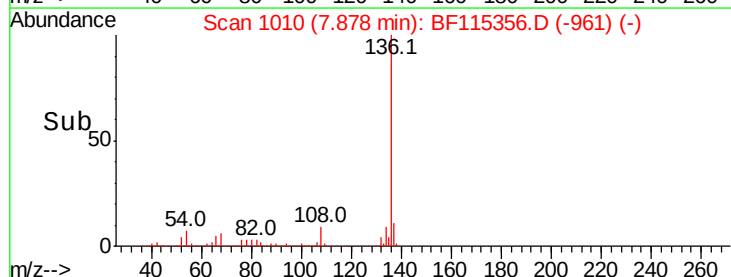
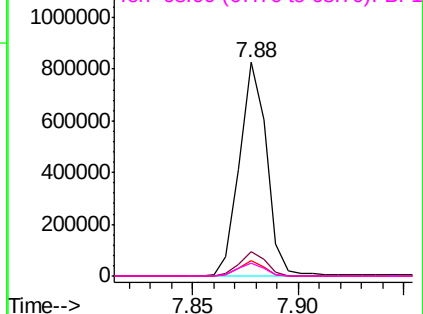


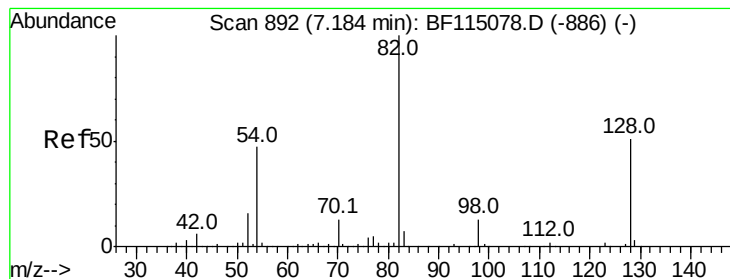
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.127 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115356.D

Acq: 2 Jul 2019 12:03

Instrument :

BNA_F

ClientSampleId :

IDW-EW03-CONCRETE

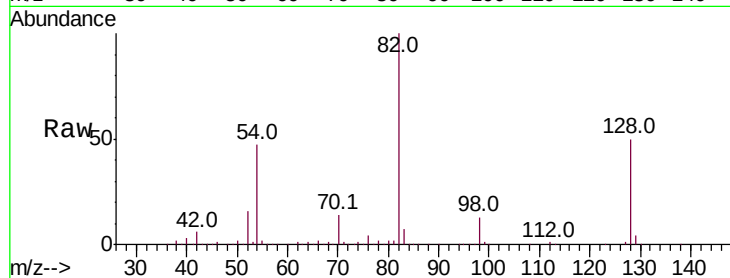
Tot Ion: 82 Resp: 1108407

Ion Ratio Lower Upper

82 100

128 50.0 40.8 61.2

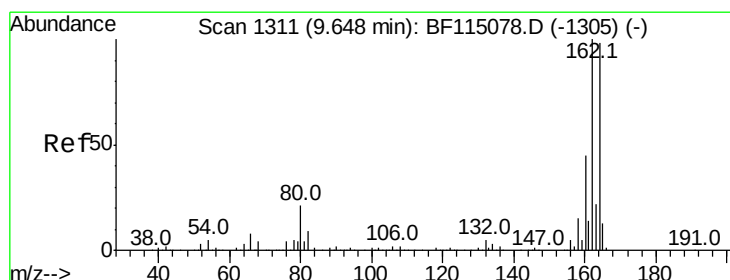
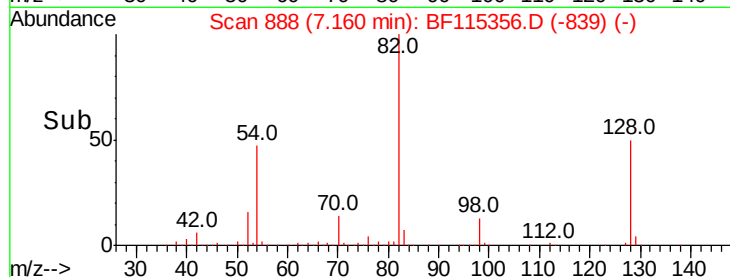
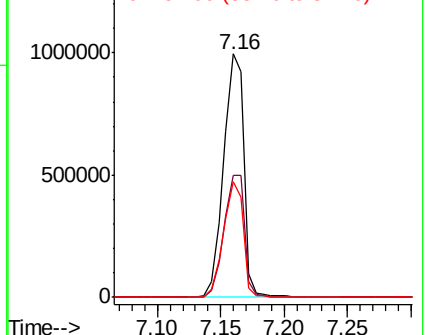
54 47.4 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF115356.D

Acq: 2 Jul 2019 12:03

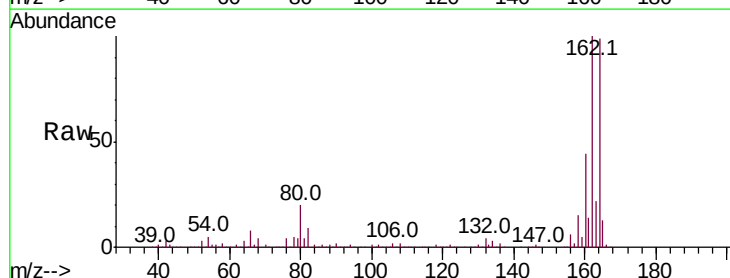
Tgt Ion:164 Resp: 379906

Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

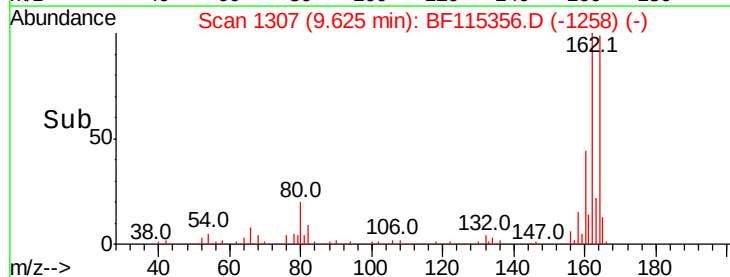
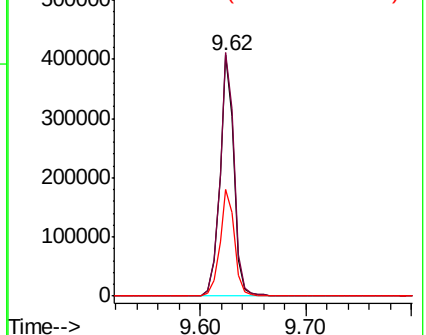
160 44.3 37.0 55.6

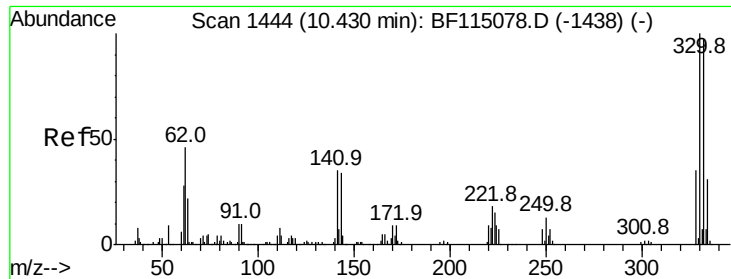


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

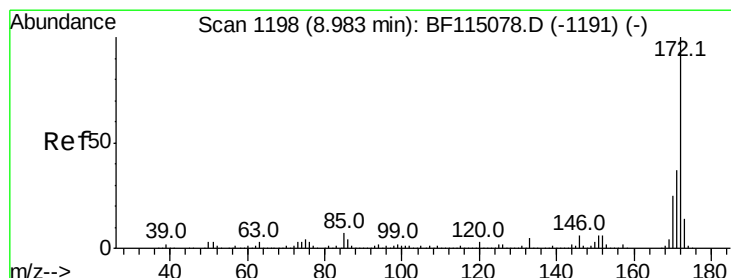
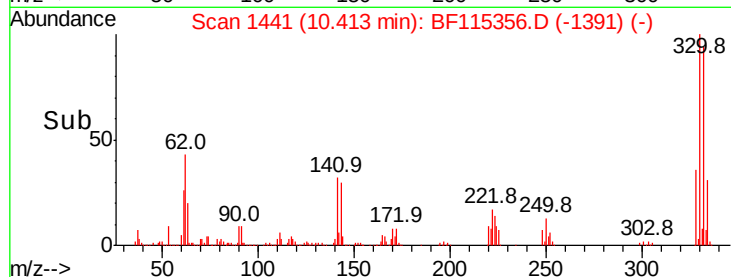
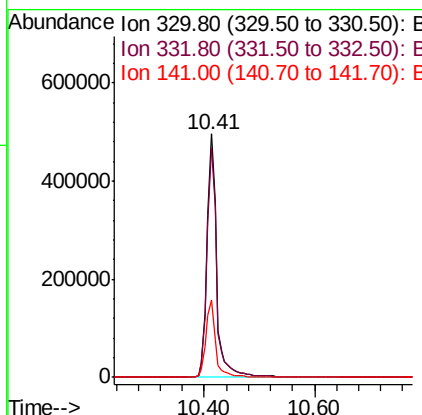
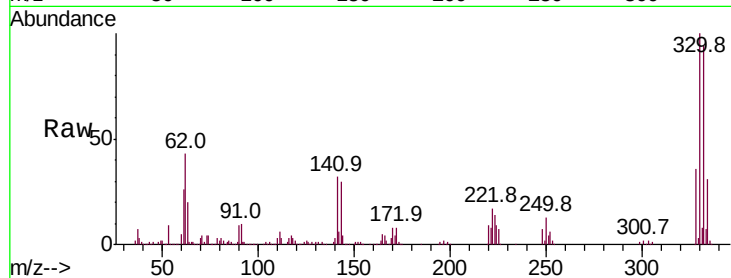




#42
 2,4,6-Tribromophenol
 Concen: 147.105 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115356.D
 Acq: 2 Jul 2019 12:03

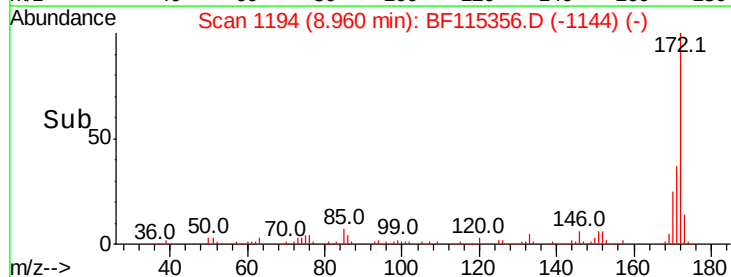
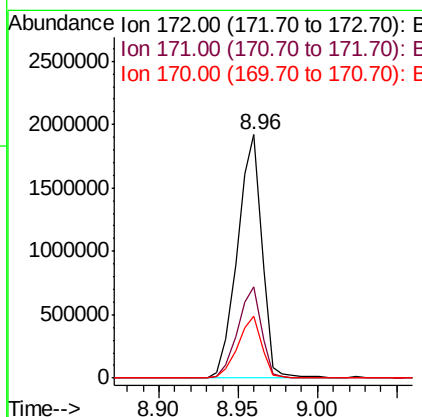
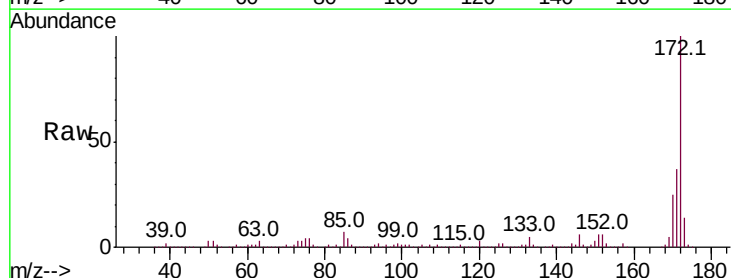
Instrument :
 BNA_F
 ClientSampleId :
 IDW-EW03-CONCRETE

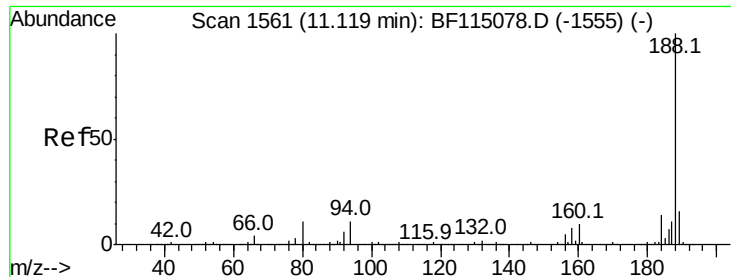
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	31.9	25.4	38.2



#45
 2-Fluorobiphenyl
 Concen: 92.000 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF115356.D
 Acq: 2 Jul 2019 12:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.8
170	25.4	20.2	30.4

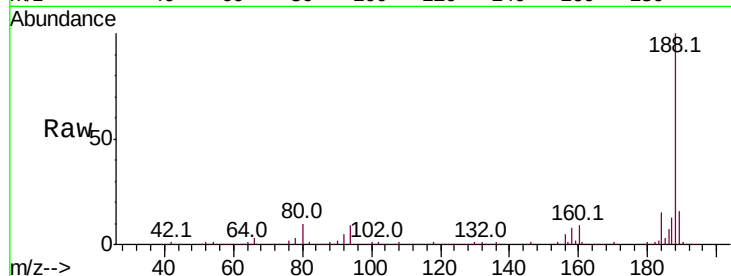




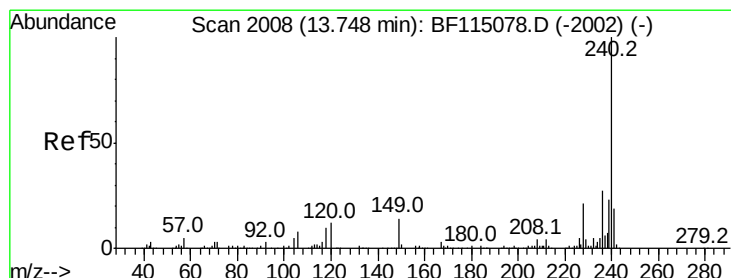
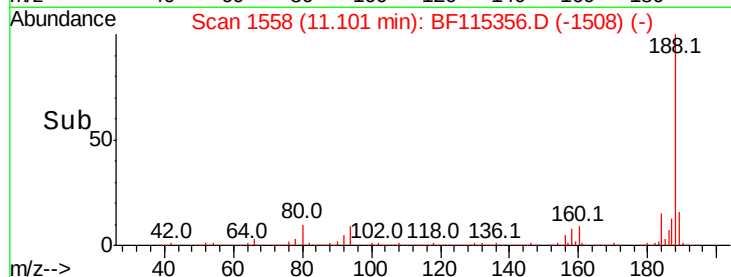
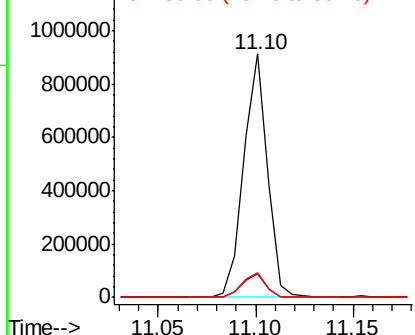
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF115356.D
Acq: 2 Jul 2019 12:03

Instrument :
BNA_F
ClientSampleId :
IDW-EW03-CONCRETE

Tot Ion:188 Resp: 767175
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.2 7.9 11.9

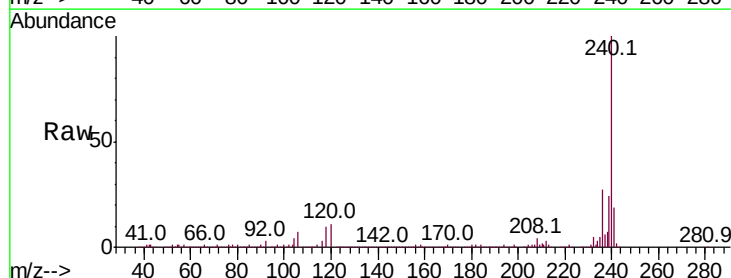


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

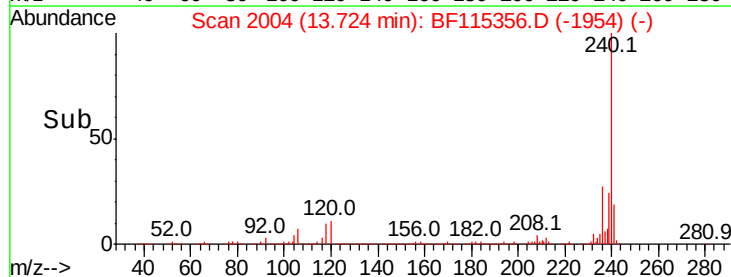
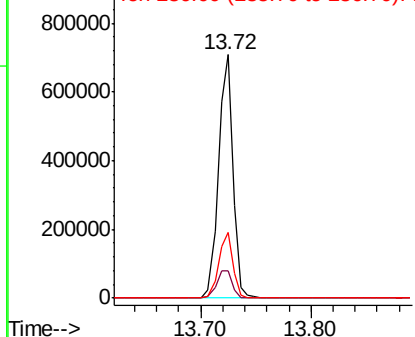


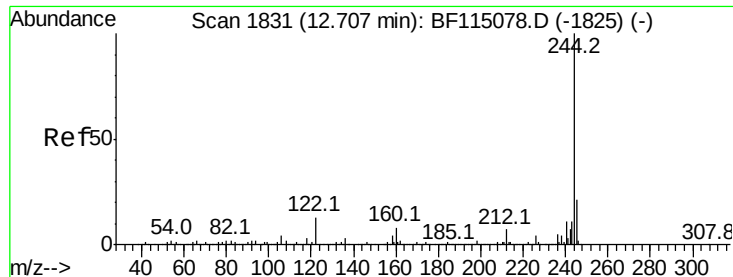
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115356.D
Acq: 2 Jul 2019 12:03

Tgt Ion:240 Resp: 644168
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.7 21.8 32.8



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

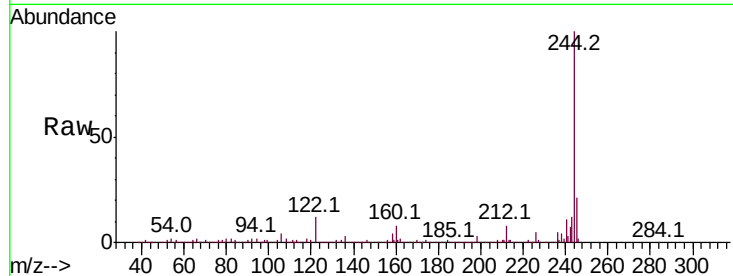




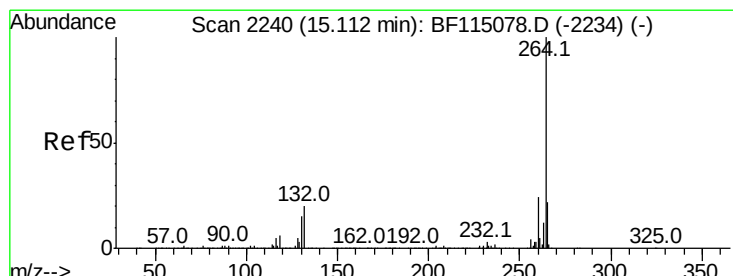
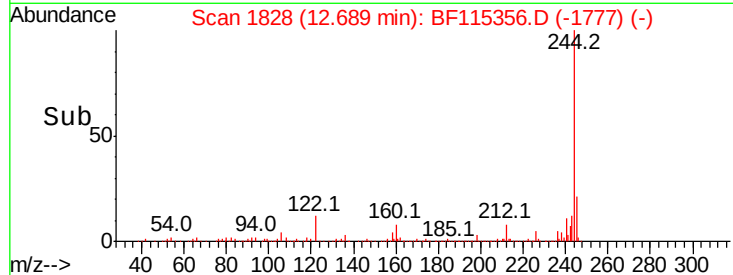
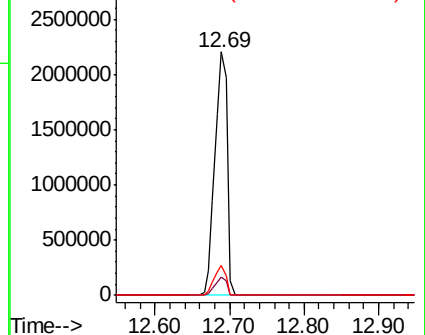
#79
 Terphenyl-d14
 Concen: 82.721 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BF115356.D
 Acq: 2 Jul 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 IDW-EW03-CONCRETE

Tot Ion:244 Resp: 2506229
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.1 9.9 14.9

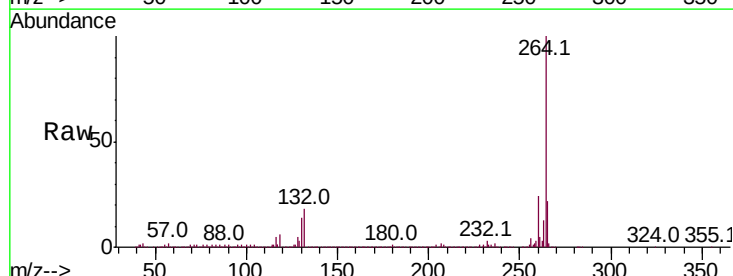


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2240
 Delta R.T. 0.02 min
 Lab File: BF115356.D
 Acq: 2 Jul 2019 12:03

Tgt Ion:264 Resp: 612912
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 18.2 27.2



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

