

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115357.D
 Acq On : 2 Jul 2019 12:44
 Operator : HP/JU
 Sample : K3557-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-EW03-TRENCH

Quant Time: Jul 02 14:42:45 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	190153	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	728463	20.00	ng	-0.01
39) Acenaphthene-d10	9.62	164	365177	20.00	ng	-0.01
64) Phenanthrene-d10	11.10	188	729310	20.00	ng	0.00
76) Chrysene-d12	13.72	240	591067	20.00	ng	-0.01
87) Perylene-d12	15.09	264	533521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1305105	105.91	ng	0.02
7) Phenol-d6	6.25	99	1490303	99.64	ng	0.00
23) Nitrobenzene-d5	7.16	82	1069655	90.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	558081	144.92	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2054197	95.55	ng	0.00
79) Terphenyl-d14	12.69	244	2456037	88.35	ng	0.00

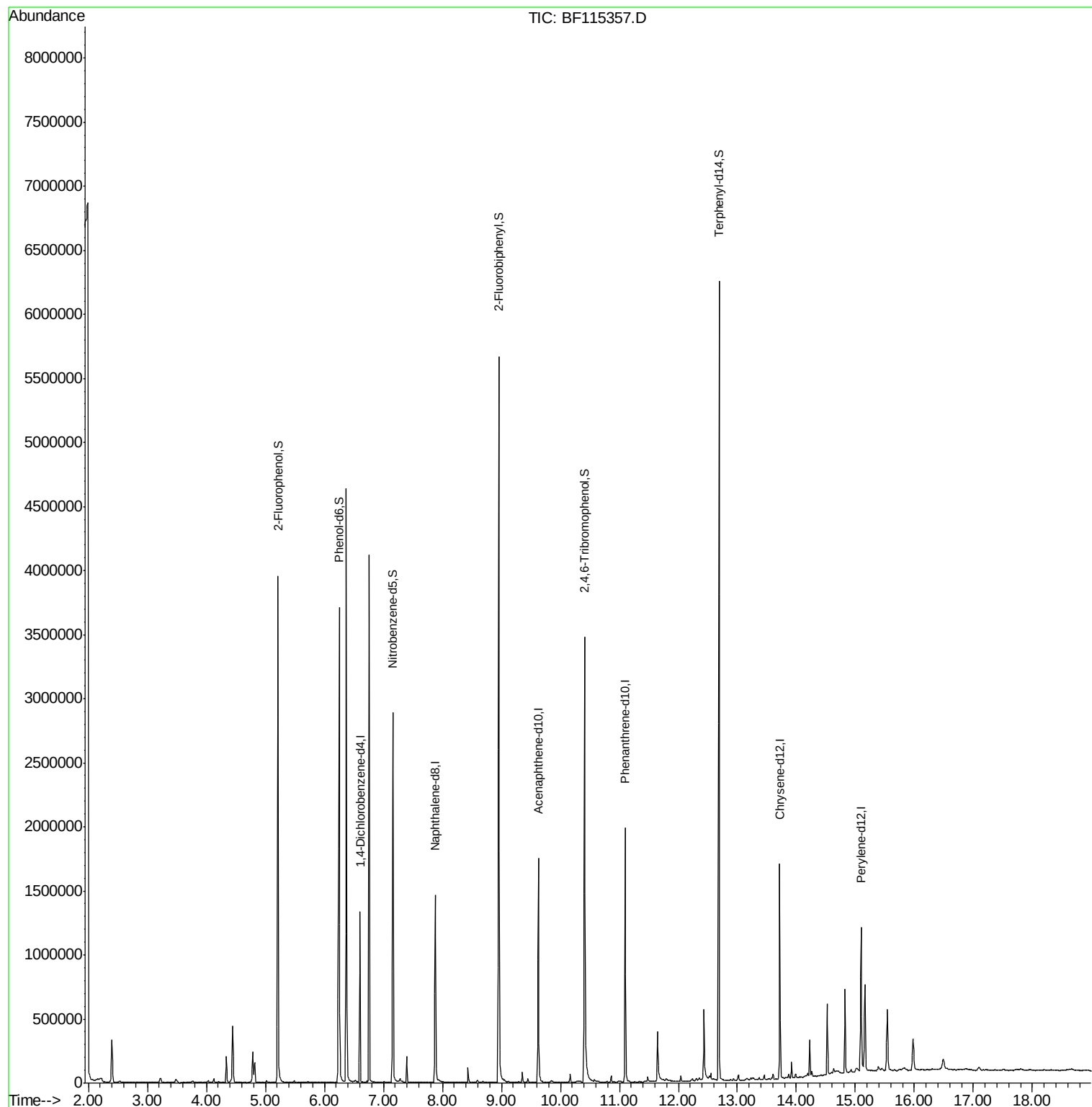
Target Compounds Qvalue

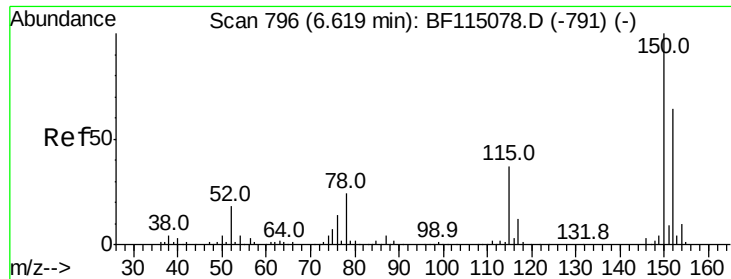
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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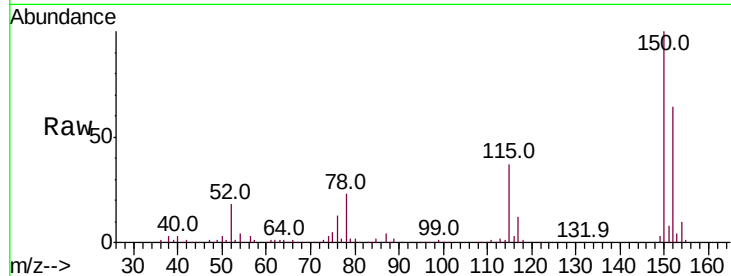


#1

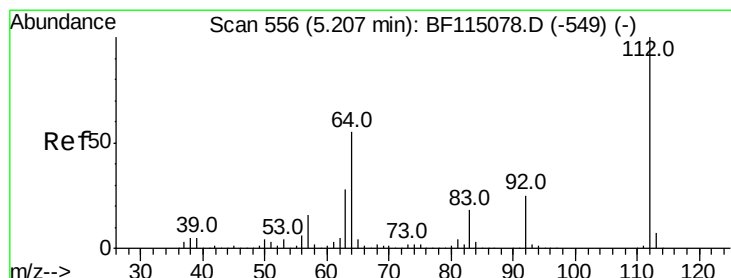
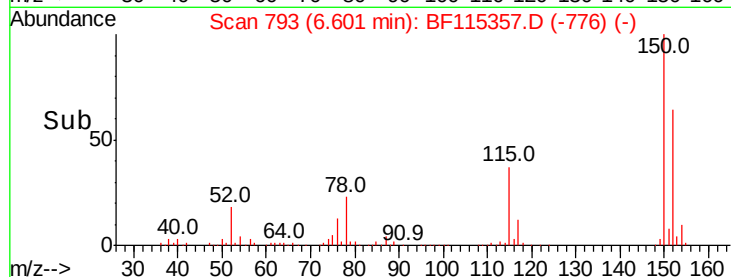
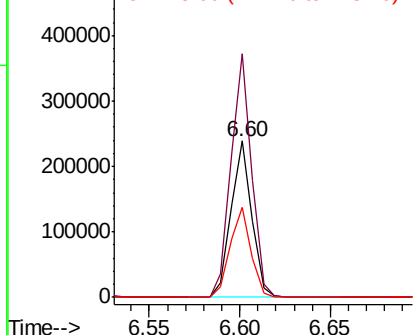
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115357.D
Acq: 2 Jul 2019 12:44

Instrument :
BNA_F
ClientSampleId :
IDW-EW03-TRENCH

Tot Ion:152 Resp: 190153
Ion Ratio Lower Upper
152 100
150 155.9 125.2 187.8
115 57.7 48.2 72.2



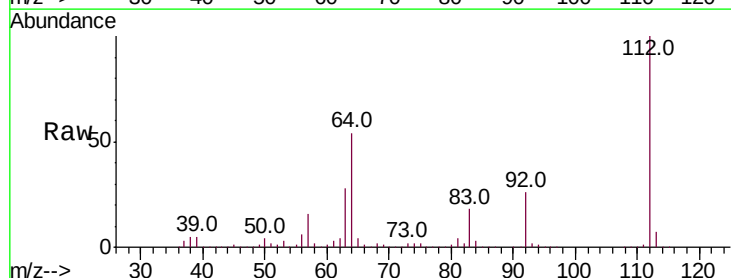
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



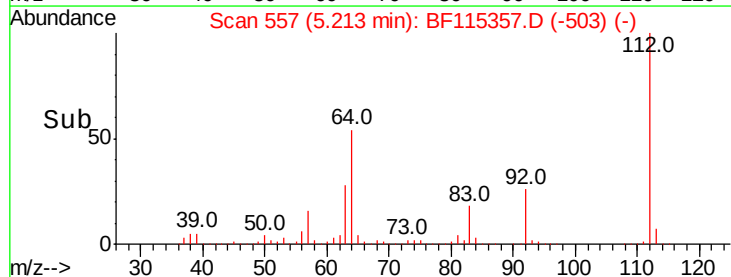
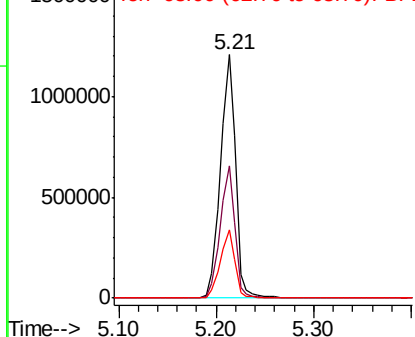
#5

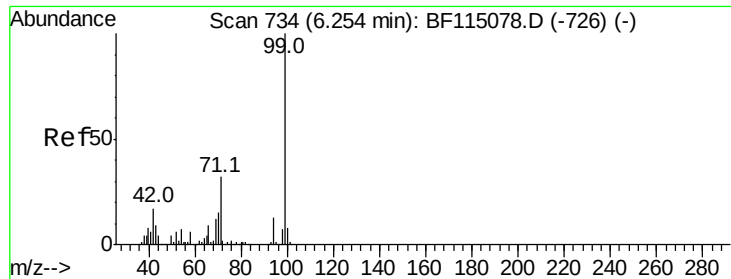
2-Fluorophenol
Concen: 105.915 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115357.D
Acq: 2 Jul 2019 12:44

Tgt Ion:112 Resp: 1305105
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 27.9 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: 99.645 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115357.D

Acq: 2 Jul 2019 12:44

Instrument :

BNA_F

ClientSampleId :

IDW-EW03-TRENCH

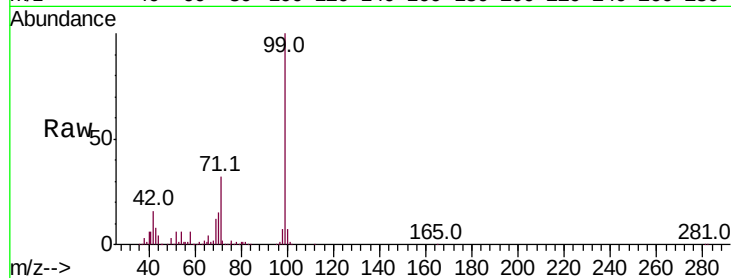
Tot Ion: 99 Resp: 1490303

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.2

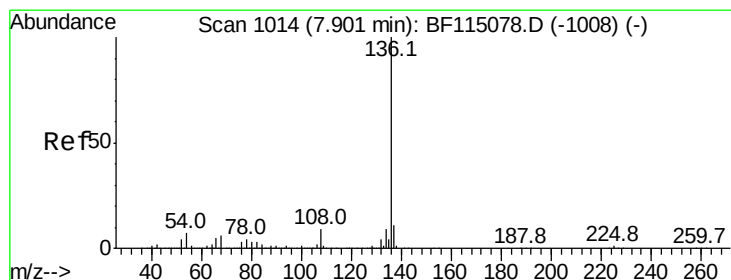
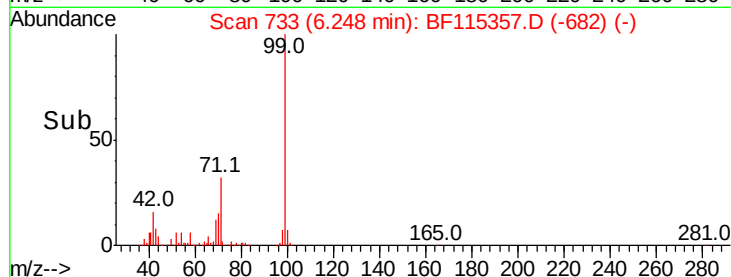
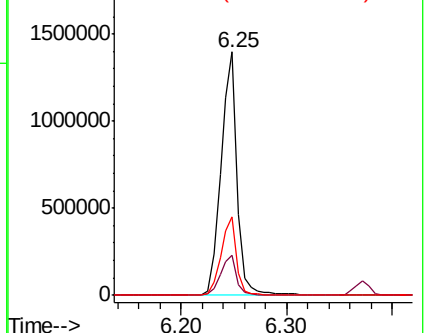
71 32.2 25.4 38.2



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: BF115357.D

Acq: 2 Jul 2019 12:44

Tgt Ion: 136 Resp: 728463

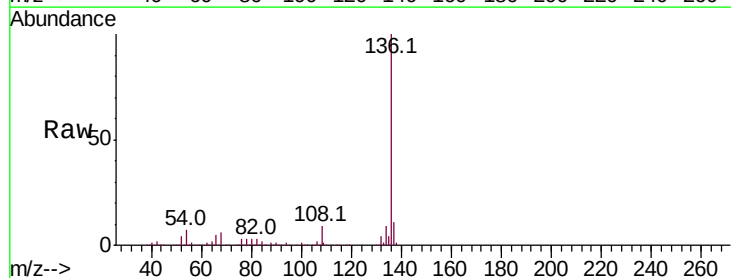
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 5.1 7.7

68 6.2 4.3 6.5

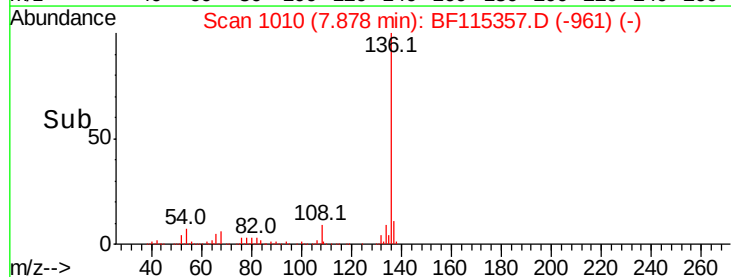
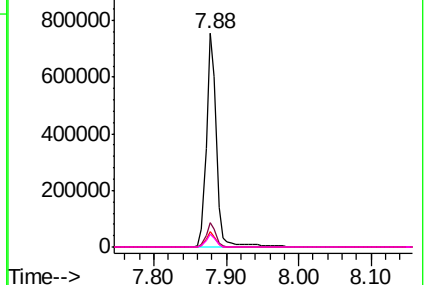


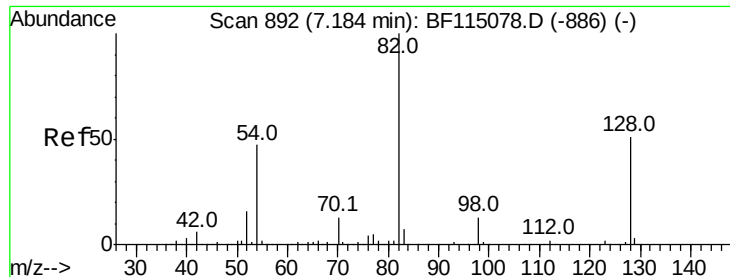
Abundance Ion 136.00 (135.70 to 136.70): E

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

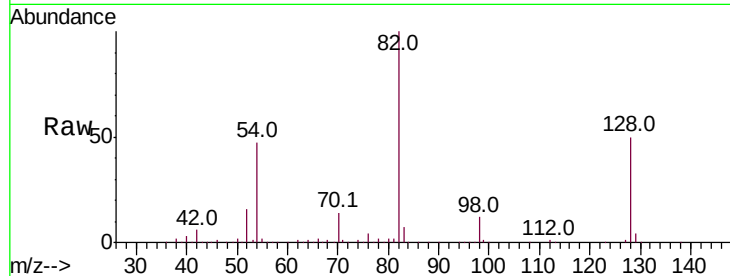




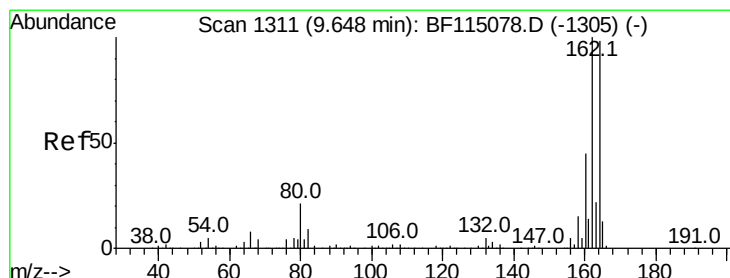
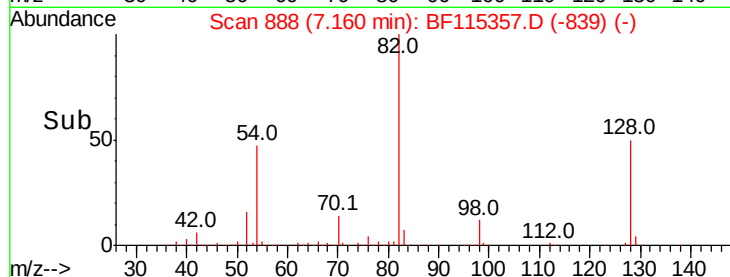
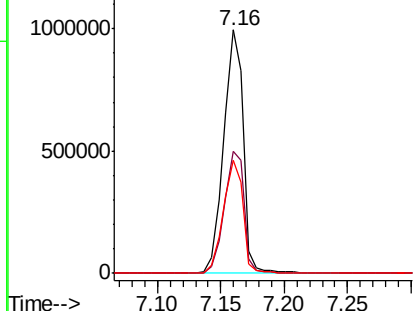
#23
Nitrobenzene-d5
Concen: 90.327 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115357.D
Acq: 2 Jul 2019 12:44

Instrument :
BNA_F
ClientSampleId :
IDW-EW03-TRENCH

Tot Ion: 82 Resp: 1069655
Ion Ratio Lower Upper
82 100
128 49.9 40.8 61.2
54 46.7 37.0 55.4

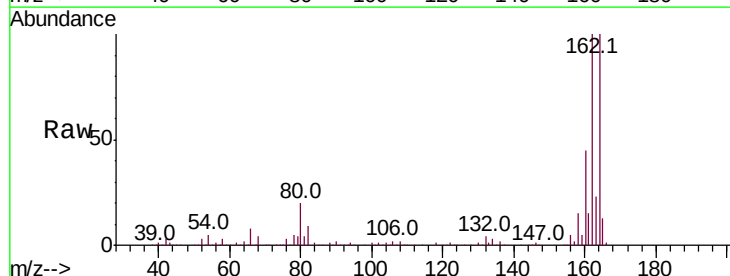


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

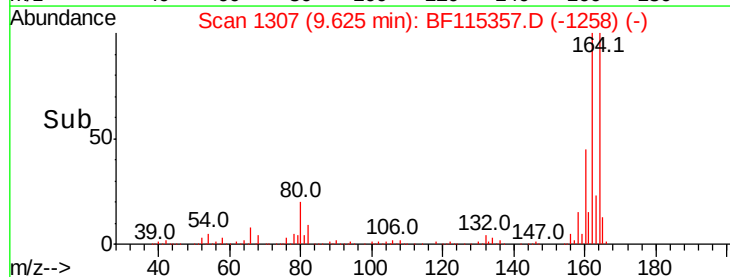
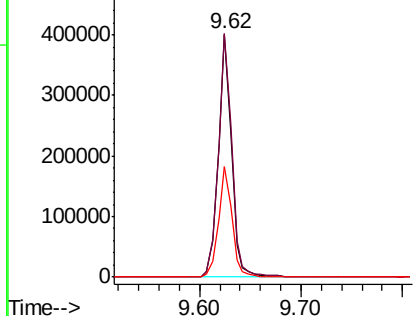


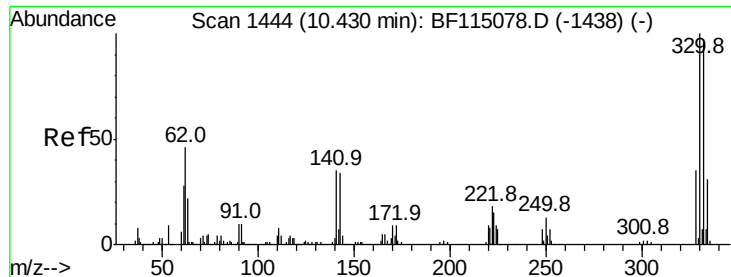
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF115357.D
Acq: 2 Jul 2019 12:44

Tgt Ion:164 Resp: 365177
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.3 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

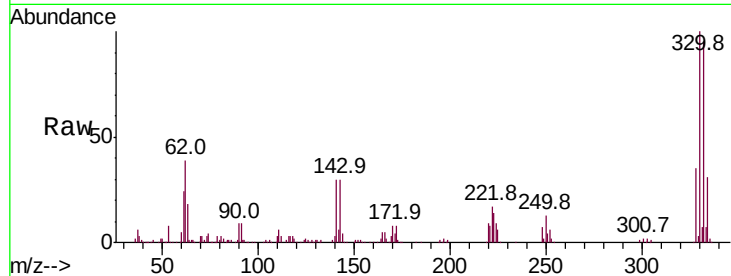




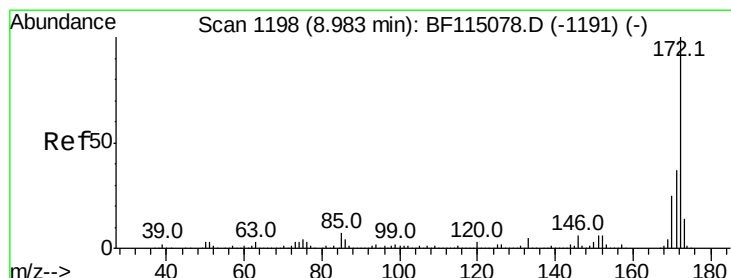
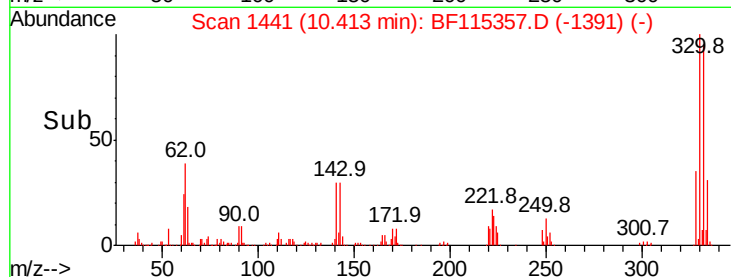
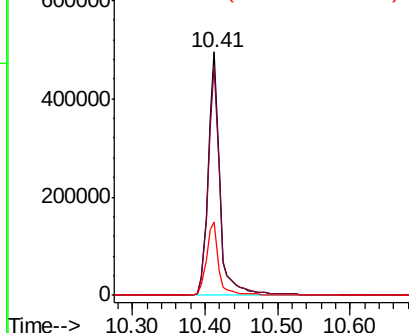
#42
 2,4,6-Tribromophenol
 Concen: 144.921 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115357.D
 Acq: 2 Jul 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 IDW-EW03-TRENCH

Tot Ion:330 Resp: 558081
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 32.2 25.4 38.2

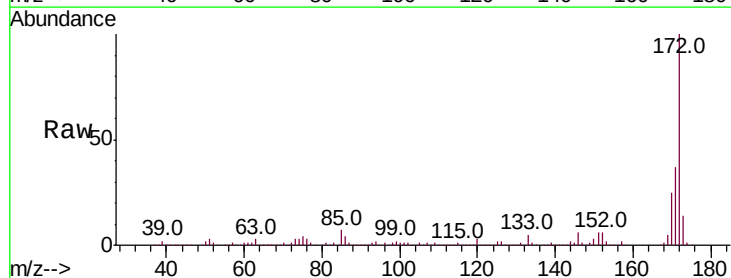


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

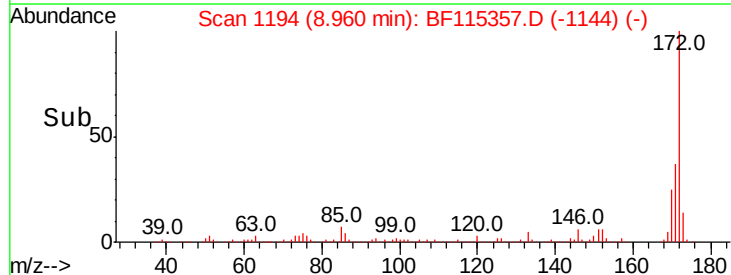
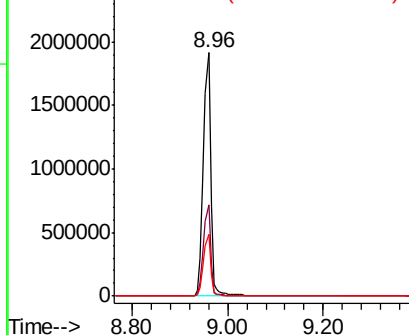


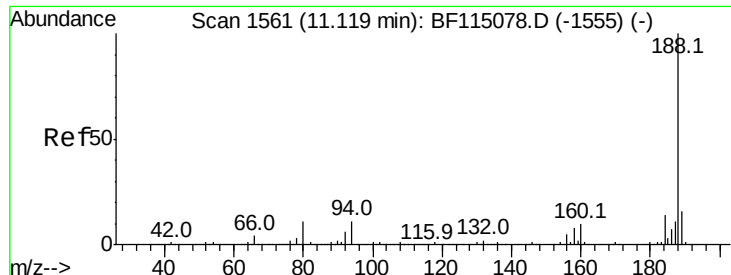
#45
 2-Fluorobiphenyl
 Concen: 95.551 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF115357.D
 Acq: 2 Jul 2019 12:44

Tgt Ion:172 Resp: 2054197
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.8
 170 25.3 20.2 30.4



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: 11.10 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF115357.D

Acq: 2 Jul 2019 12:44

Instrument :

BNA_F

ClientSampleId :

IDW-EW03-TRENCH

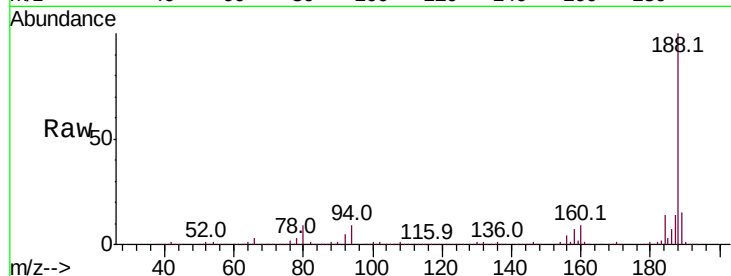
Tot Ion:188 Resp: 729310

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

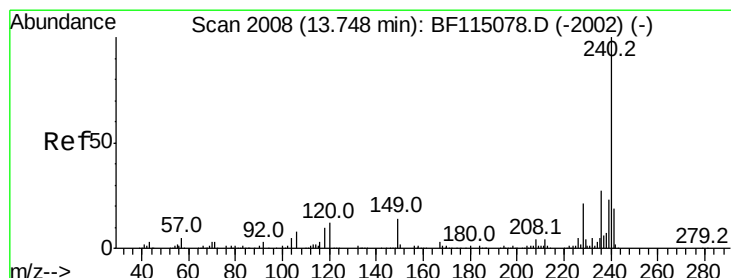
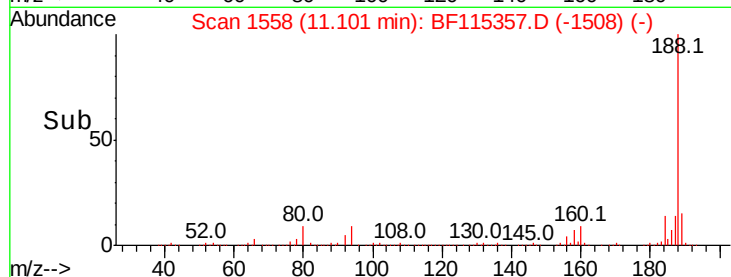
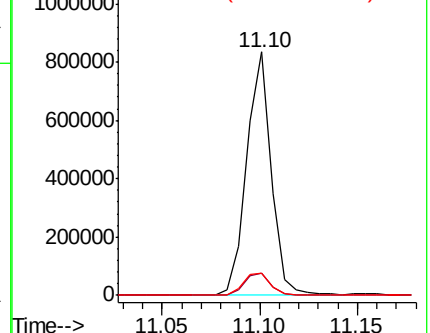
80 9.0 7.9 11.9



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# 2003

Delta R.T. -0.01 min

Lab File: BF115357.D

Acq: 2 Jul 2019 12:44

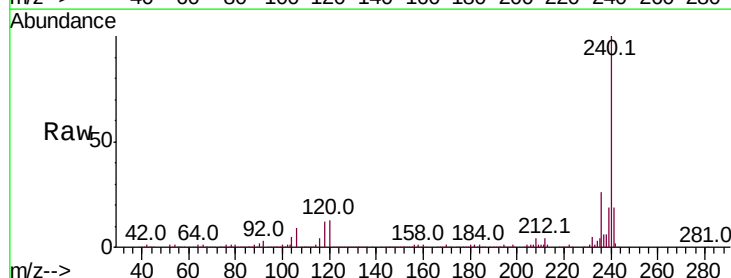
Tgt Ion:240 Resp: 591067

Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

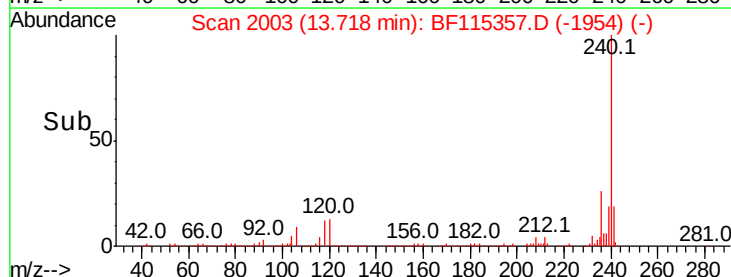
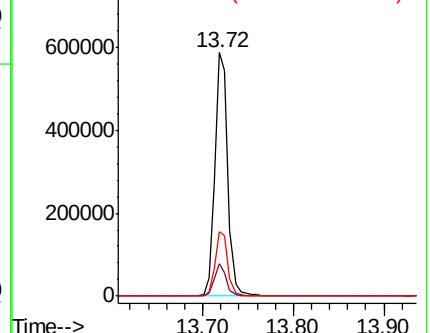
236 26.2 21.8 32.8

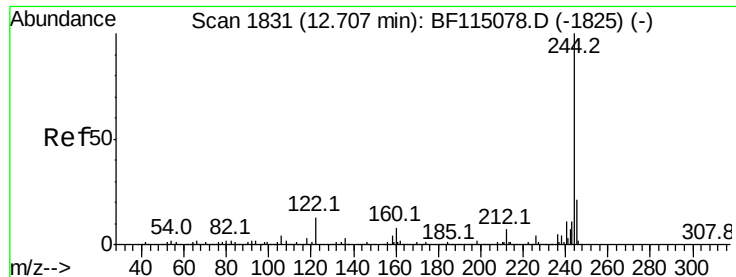


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.347 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115357.D

Acq: 2 Jul 2019 12:44

Instrument :

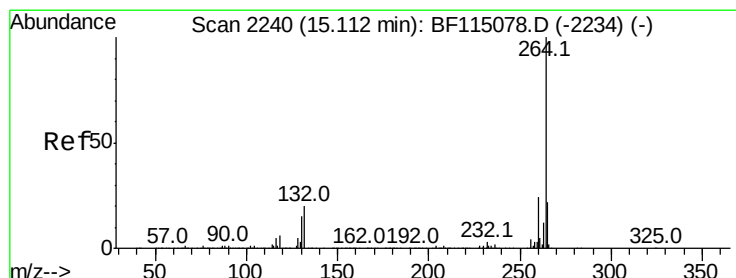
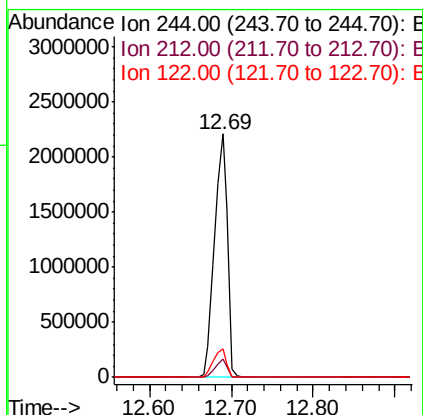
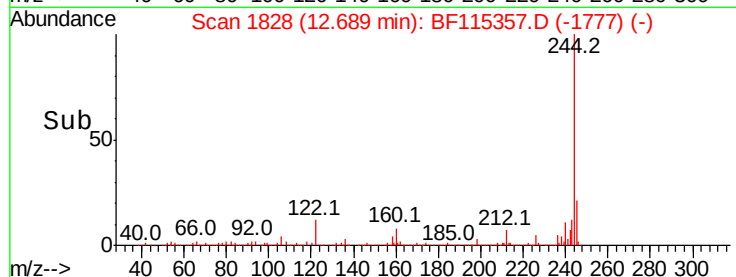
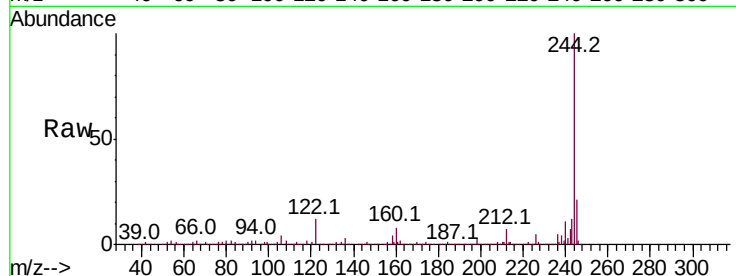
BNA_F

ClientSampleId :

IDW-EW03-TRENCH

Tot Ion:244 Resp: 2456037

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	12.0	9.9	14.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF115357.D

Acq: 2 Jul 2019 12:44

Tgt Ion:264 Resp: 533521

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.3	18.2	27.2

