

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111797.D
 Acq On : 28 Dec 2018 19:07
 Operator : JU/SJ
 Sample : J6591-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

Quant Time: Dec 29 02:44:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150202	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	523057	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	225854	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	355063	20.00	ng	0.01
76) Chrysene-d12	14.07	240	332513	20.00	ng	0.02
87) Perylene-d12	15.56	264	242757	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	552338	62.68	ng	0.02
7) Phenol-d6	6.54	99	437422	39.01	ng	0.02
23) Nitrobenzene-d5	7.46	82	959219	106.75	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	335379	125.67	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1679465	108.39	ng	0.00
79) Terphenyl-d14	13.02	244	1474747	84.11	ng	0.02

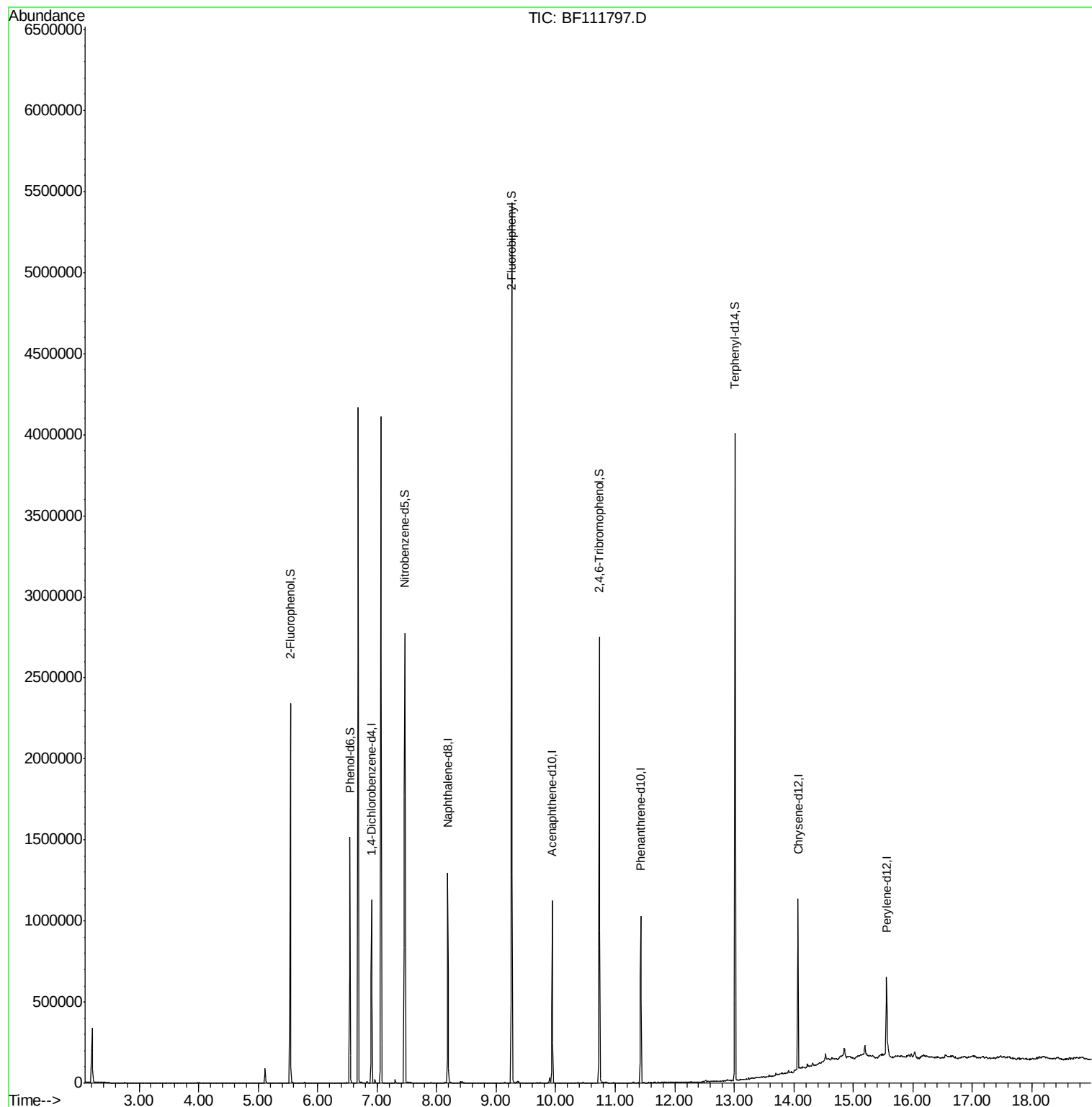
Target Compounds Qvalue

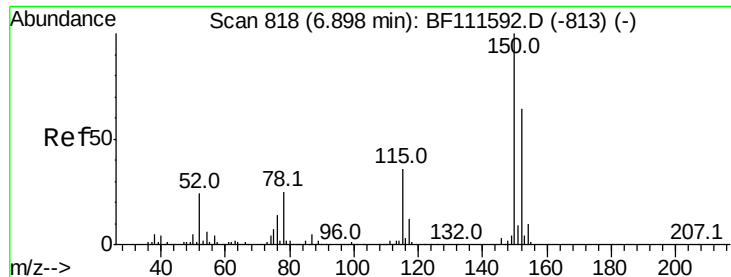
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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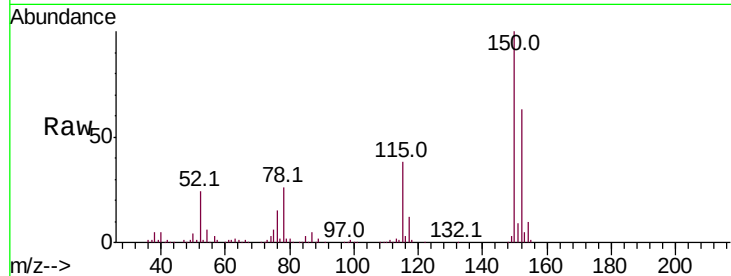


#1

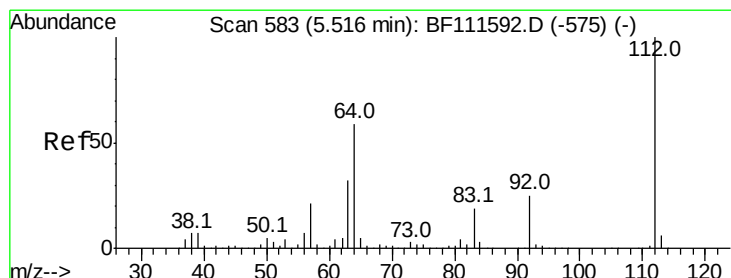
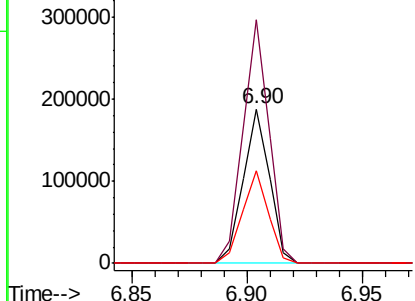
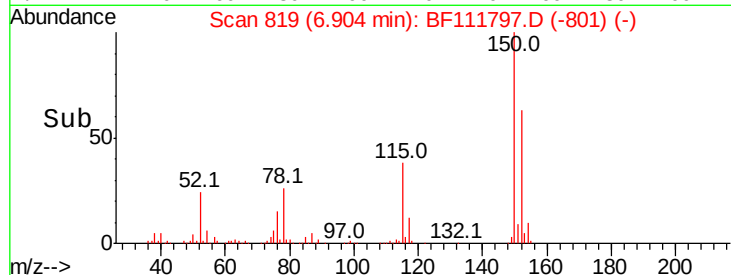
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	60.1	50.7	76.1



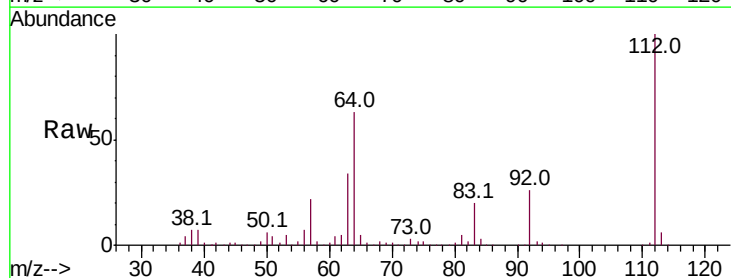
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



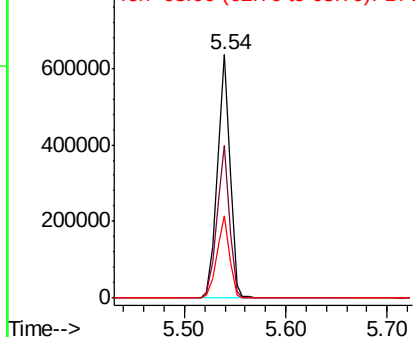
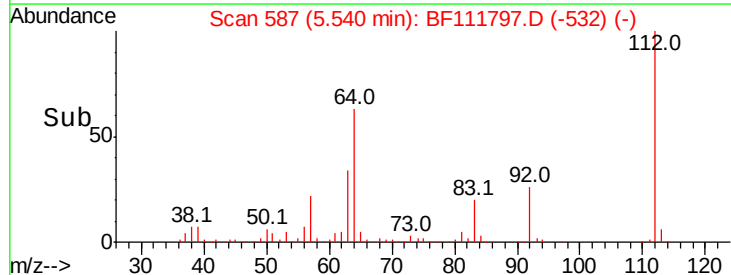
#5

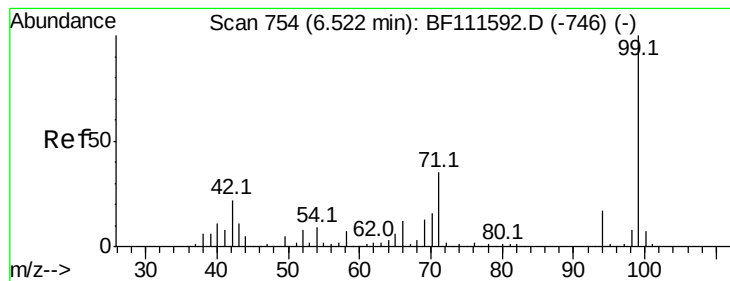
2-Fluorophenol
Concen: 62.681 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.8	77.6
63	33.7	26.8	40.2



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: 39.005 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

FB03_122718

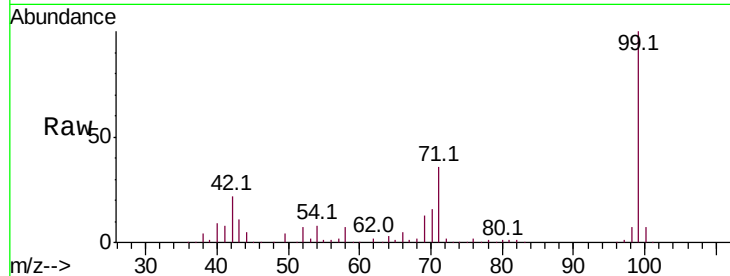
Tot Ion: 99 Resp: 437422

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

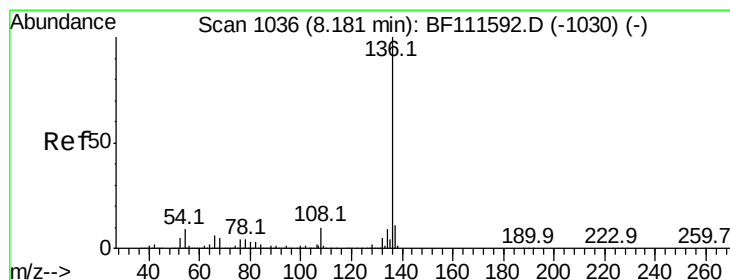
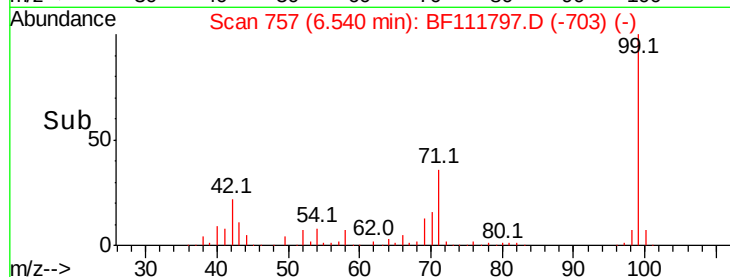
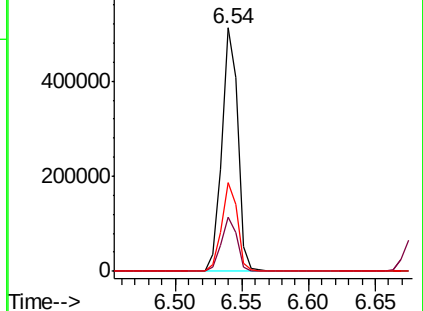
71 36.4 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Tgt Ion: 136 Resp: 523057

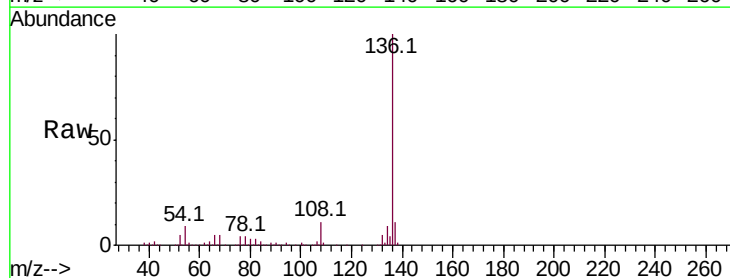
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.6 7.7 11.5

68 5.3 4.9 7.3

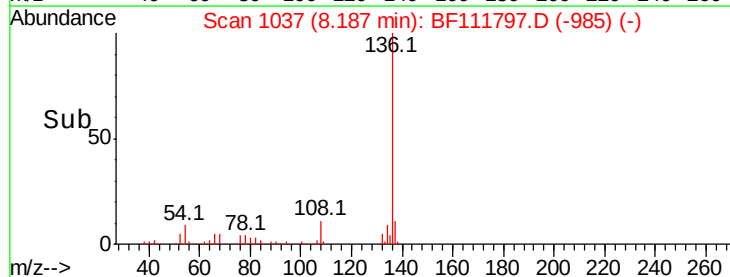
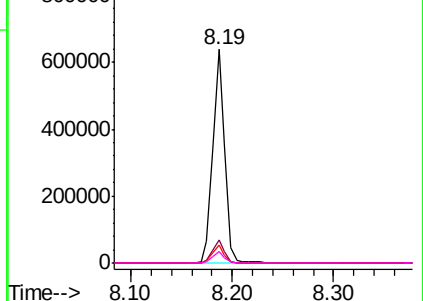


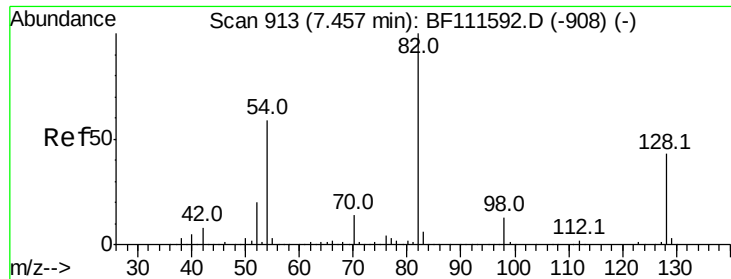
Abundance Ion 136.00 (135.70 to 136.70): E

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

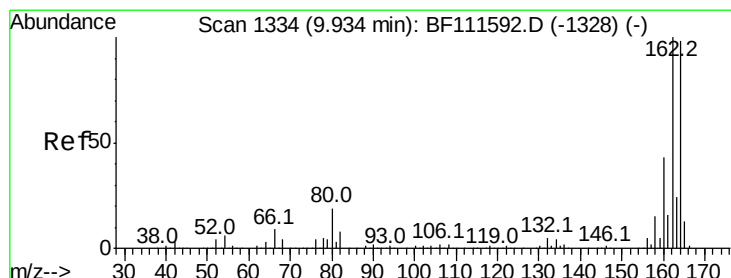
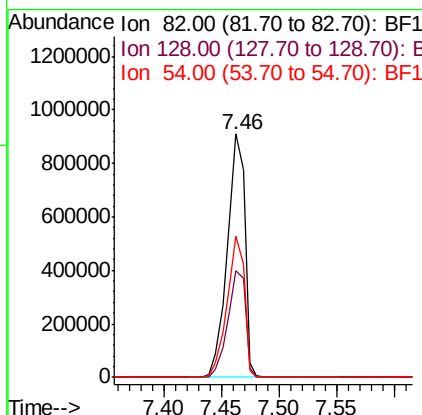
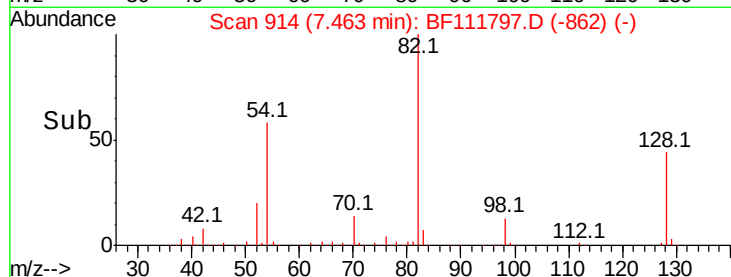
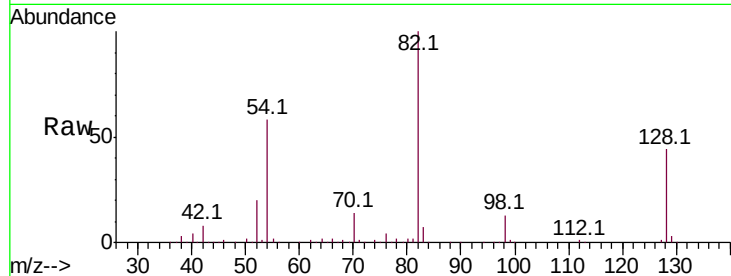




#23
Nitrobenzene-d5
Concen: 106.745 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

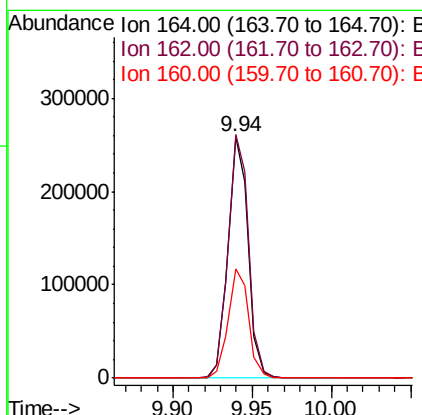
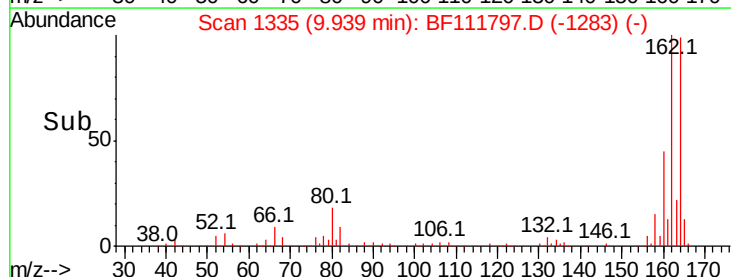
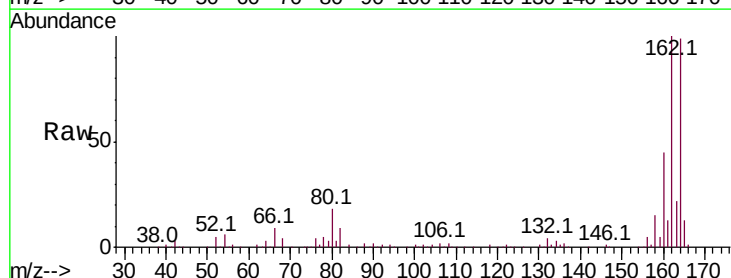
Instrument :
BNA_F
ClientSampleId :
FB03_122718

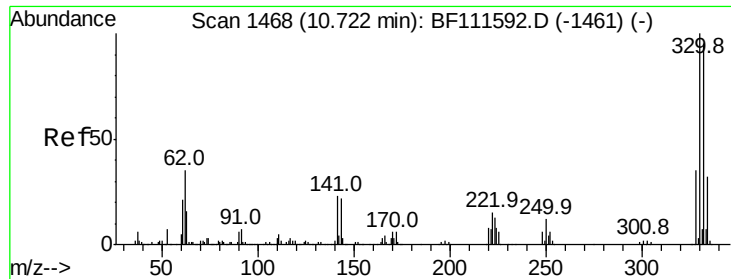
Tot Ion: 82 Resp: 959219
Ion Ratio Lower Upper
82 100
128 43.8 37.4 56.2
54 58.0 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion:164 Resp: 225854
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.4 35.7 53.5

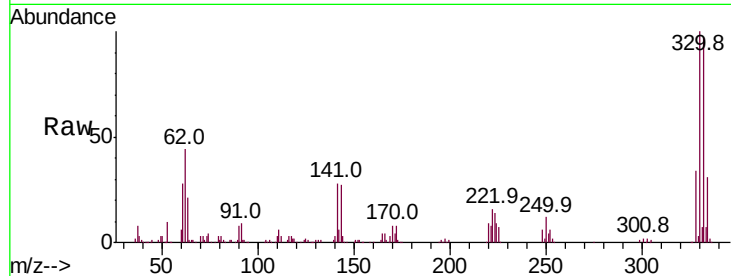




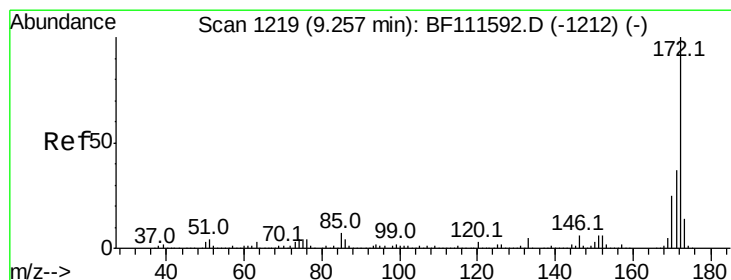
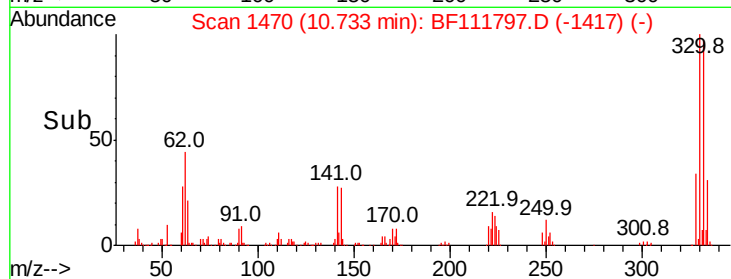
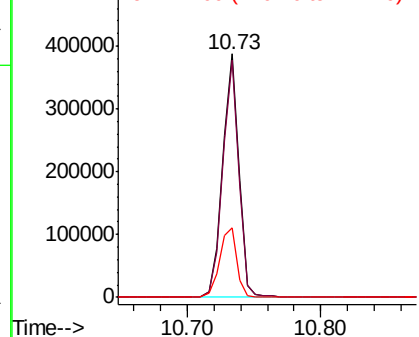
#42
 2,4,6-Tribromophenol
 Concen: 125.674 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	30.2	31.0	46.6#

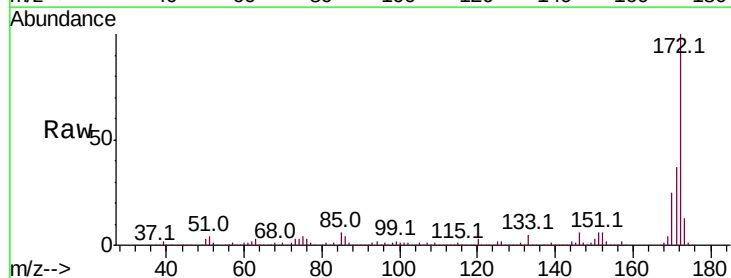


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

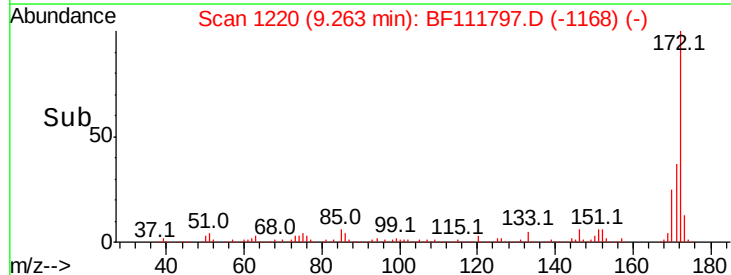
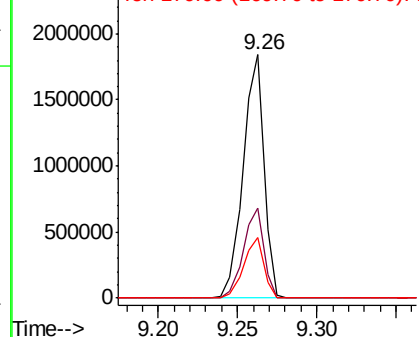


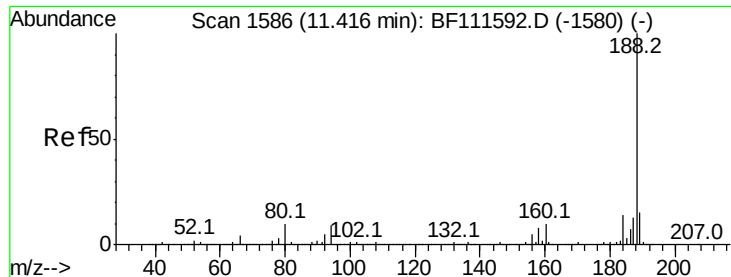
#45
 2-Fluorobiphenyl
 Concen: 108.386 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.7	22.3	33.5



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

FB03_122718

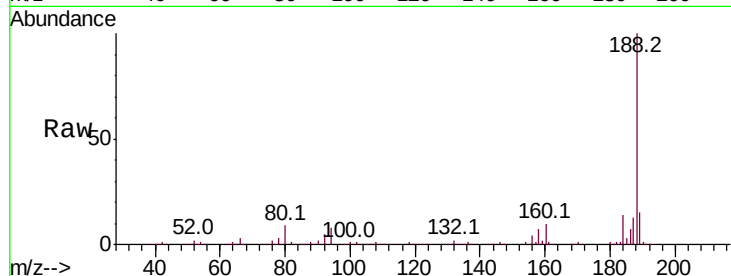
Tot Ion:188 Resp: 355063

Ion Ratio Lower Upper

188 100

94 8.0 9.6 14.4#

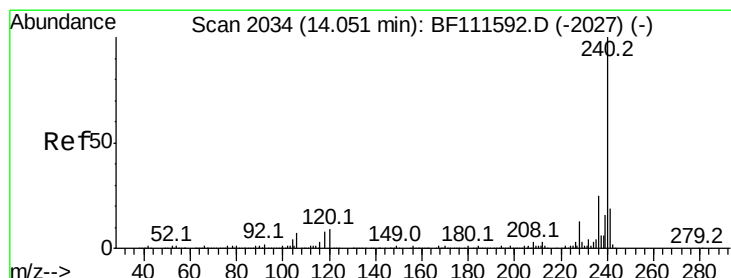
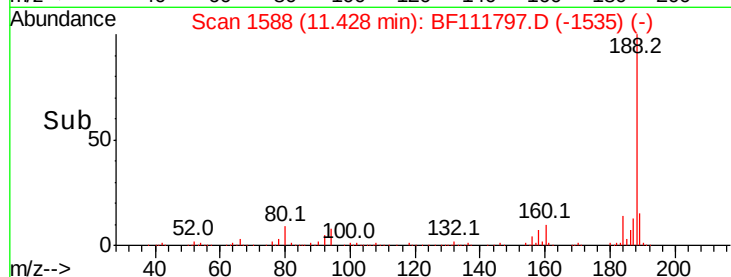
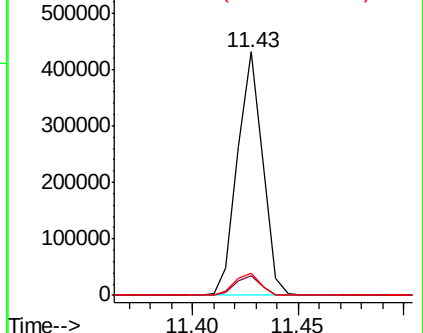
80 9.1 9.8 14.6#



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

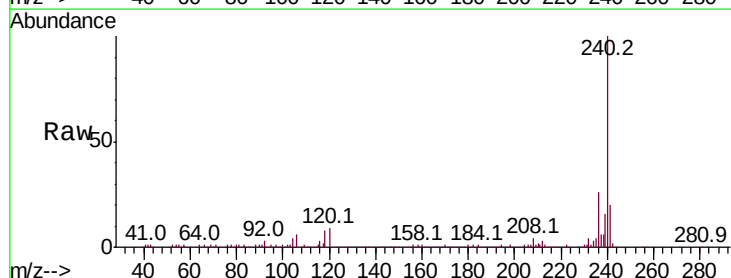
Tgt Ion:240 Resp: 332513

Ion Ratio Lower Upper

240 100

120 9.2 12.2 18.2#

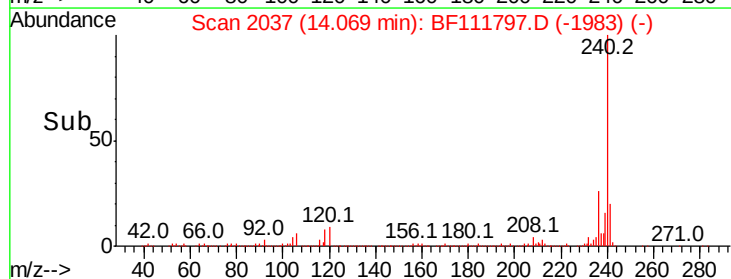
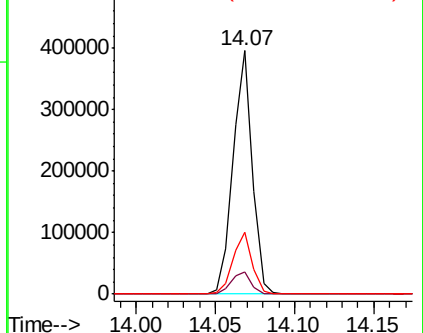
236 25.6 20.2 30.2

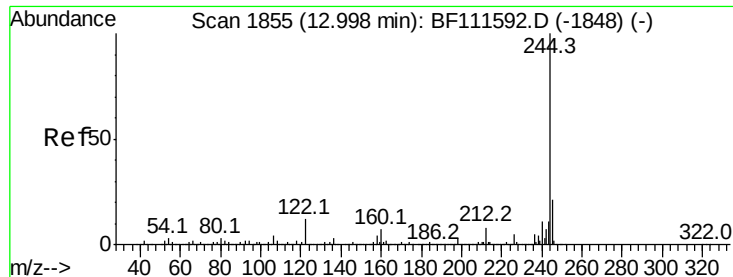


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.109 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

FB03_122718

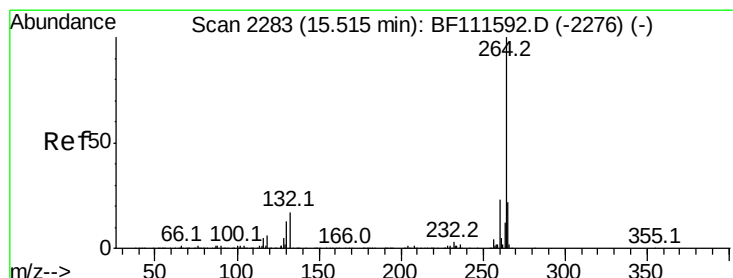
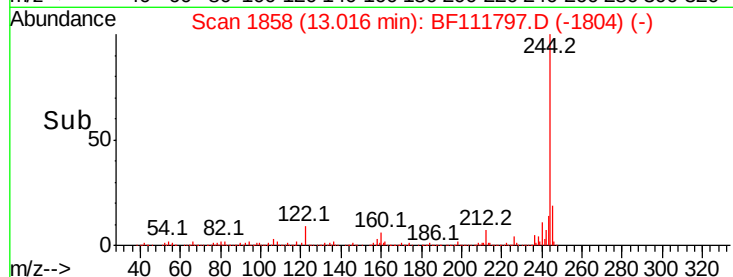
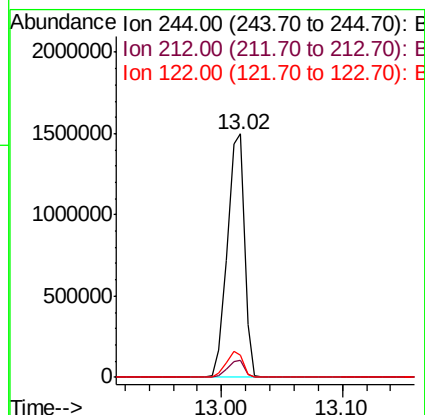
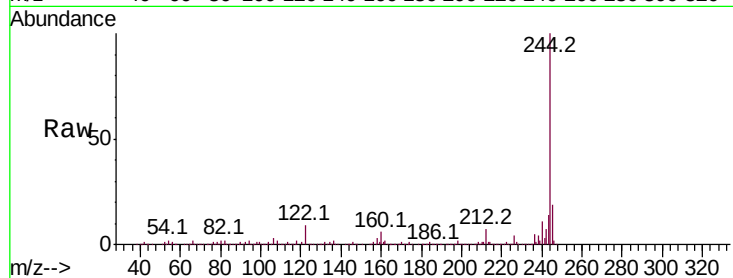
Tot Ion:244 Resp: 1474747

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 8.9 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Tgt Ion:264 Resp: 242757

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.9 17.7 26.5

