

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111798.D
 Acq On : 28 Dec 2018 19:34
 Operator : JU/SJ
 Sample : J6591-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP03_122718

Quant Time: Dec 29 02:48:28 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

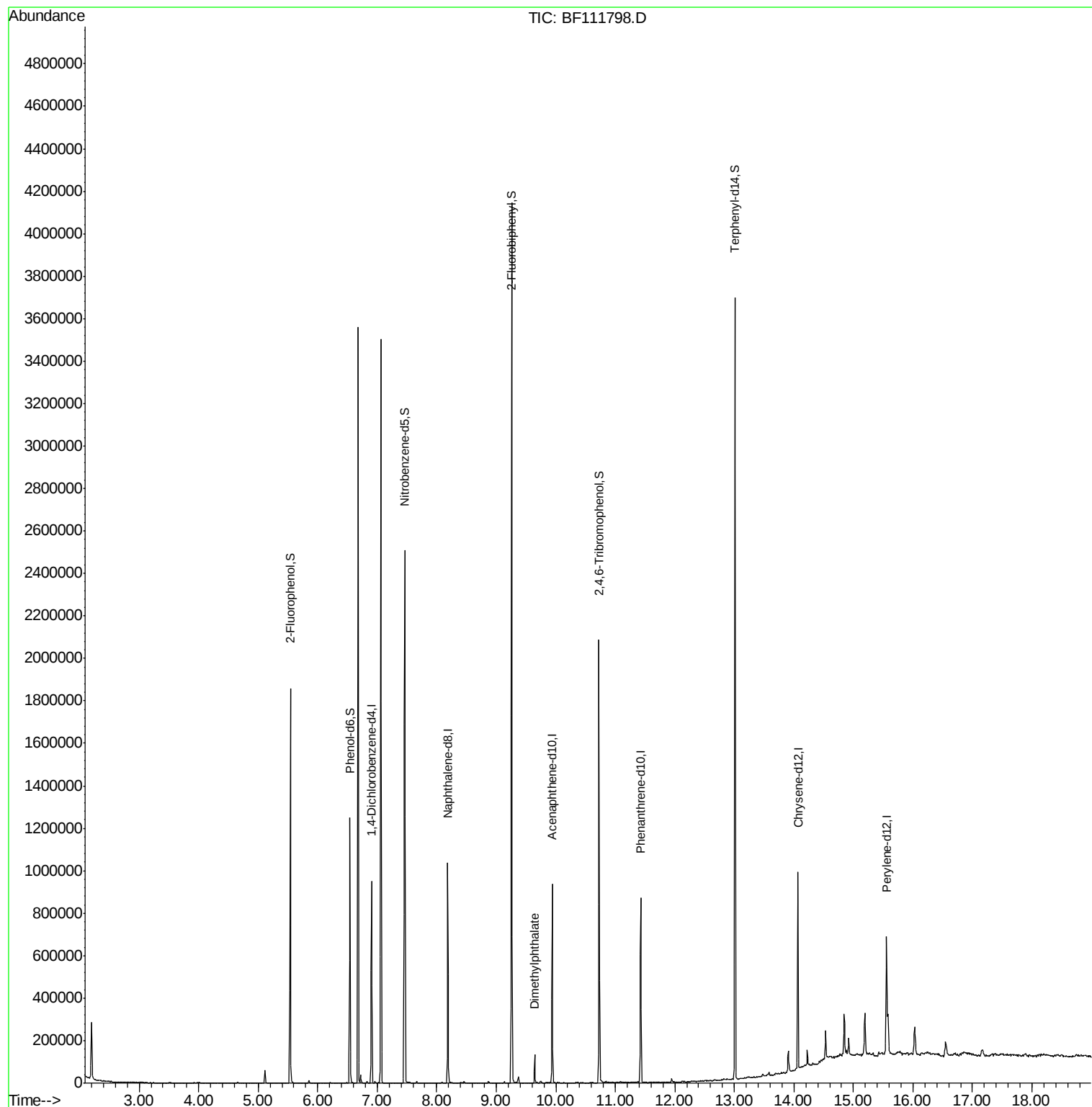
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123863	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	419381	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	175601	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	290890	20.00	ng	0.01
76) Chrysene-d12	14.07	240	315907	20.00	ng	0.02
87) Perylene-d12	15.56	264	252852	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	436208	60.03	ng	0.02
7) Phenol-d6	6.54	99	331121	35.80	ng	0.02
23) Nitrobenzene-d5	7.46	82	763904	106.03	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	274135	132.12	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1342274	111.42	ng	0.00
79) Terphenyl-d14	13.01	244	1268556	76.15	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.65	163	50092	3.901	ng	Qvalue 99

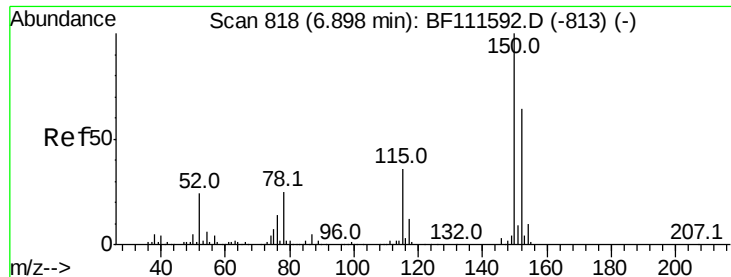
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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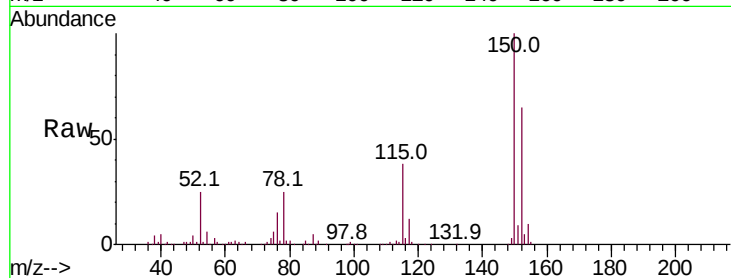


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
DUP03_122718

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	57.3	50.7	76.1

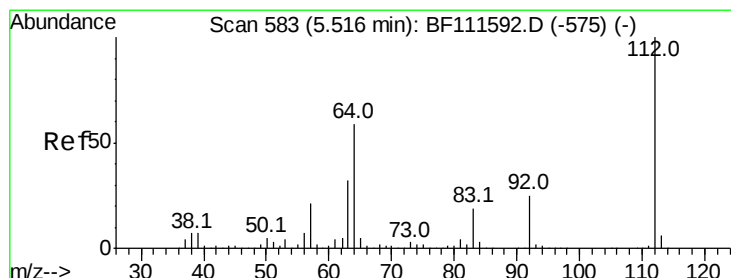
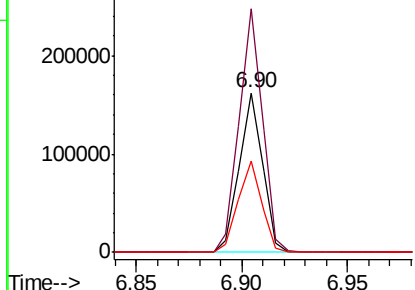
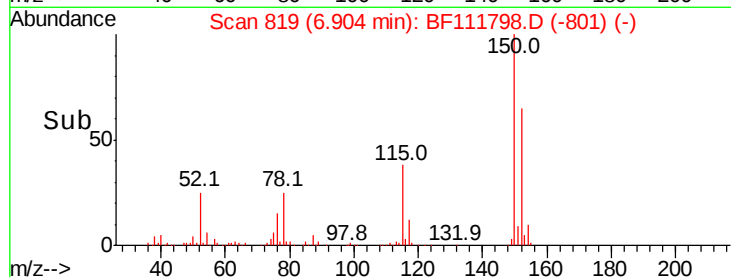


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

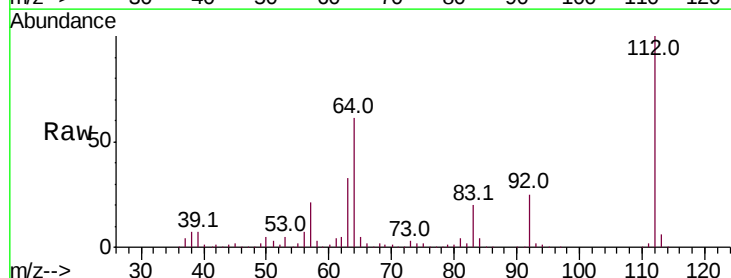
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.029 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.8	77.6
63	33.5	26.8	40.2

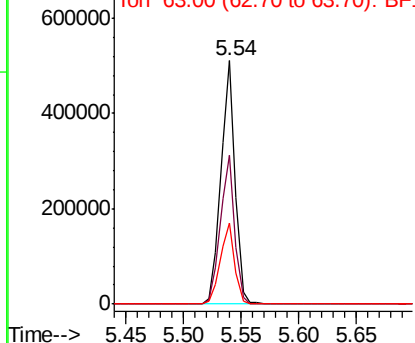
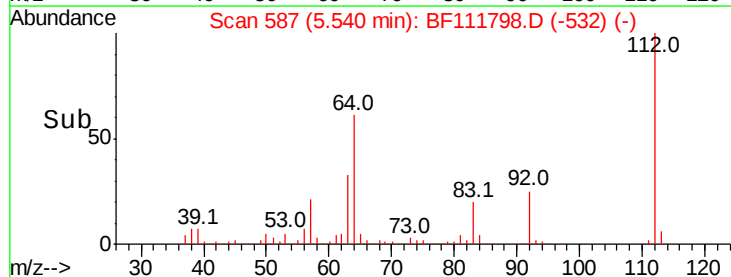


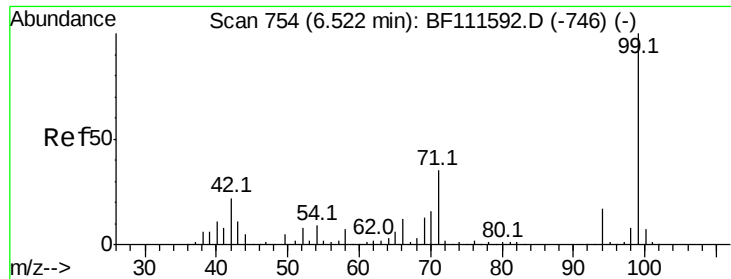
Abundance

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: 35.805 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

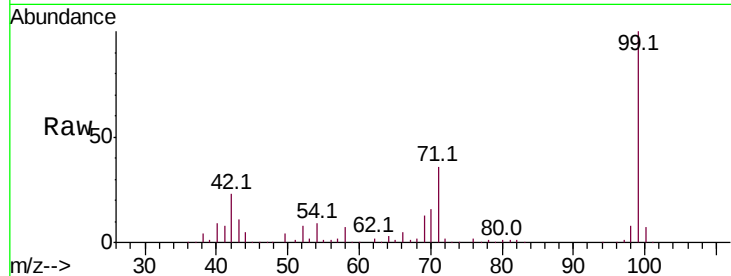
Tot Ion: 99 Resp: 331121

Ion Ratio Lower Upper

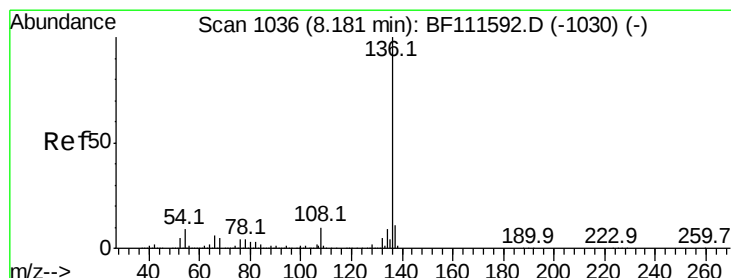
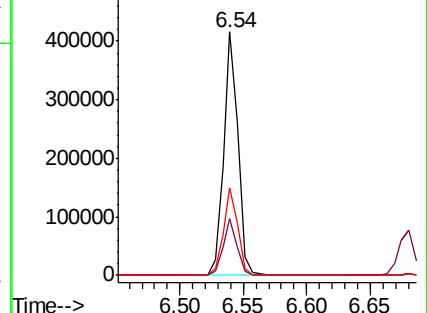
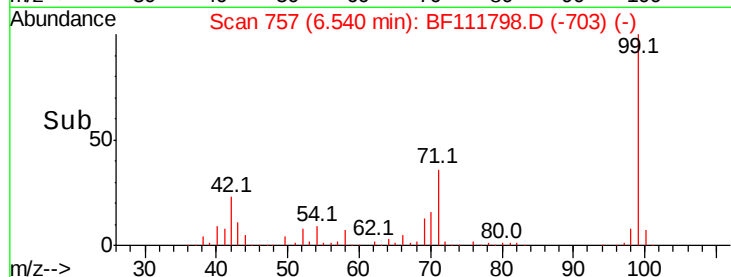
99 100

42 23.1 17.4 26.0

71 35.9 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: BF111798.D

Acq: 28 Dec 2018 19:34

Tgt Ion: 136 Resp: 419381

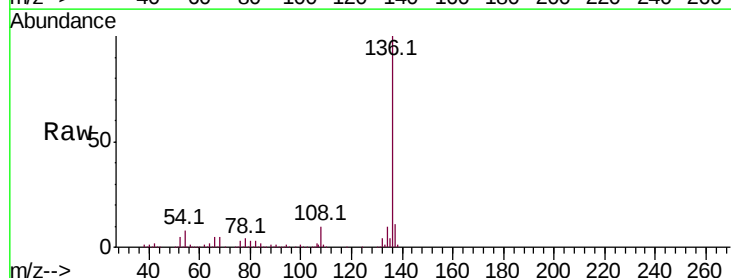
Ion Ratio Lower Upper

136 100

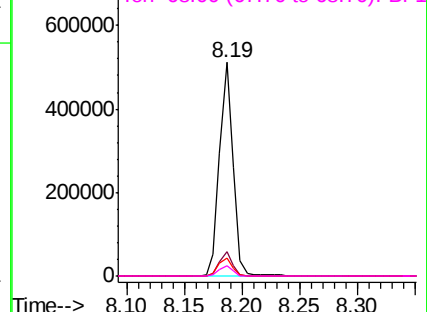
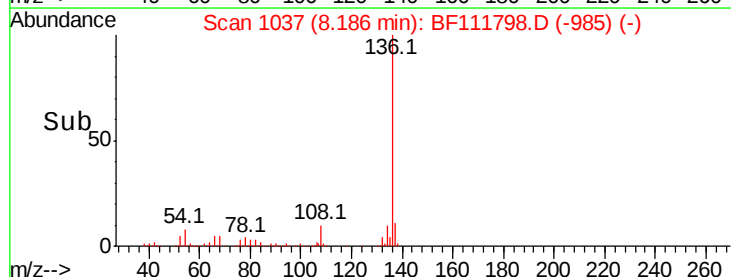
137 11.1 9.1 13.7

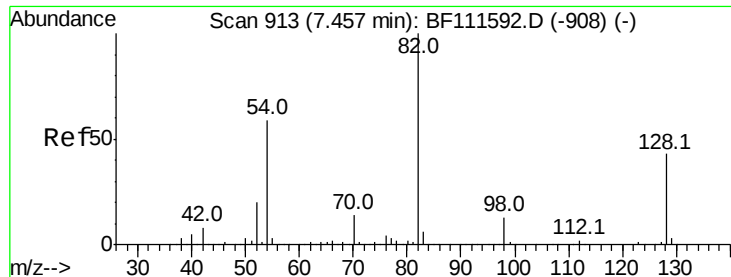
54 8.5 7.7 11.5

68 4.7 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: 106.026 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

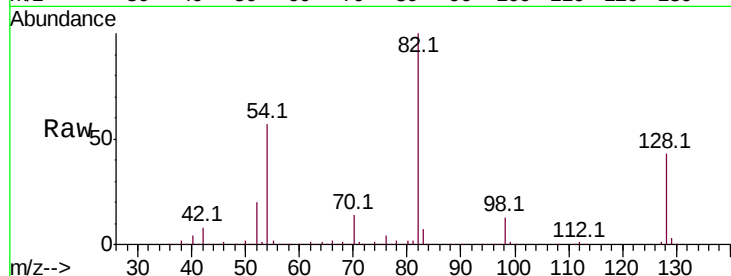
Tot Ion: 82 Resp: 763904

Ion Ratio Lower Upper

82 100

128 43.3 37.4 56.2

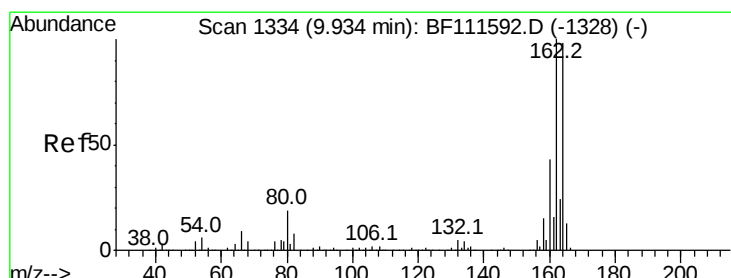
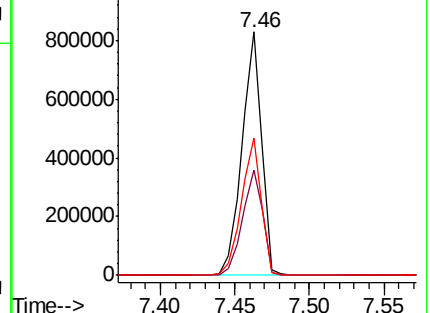
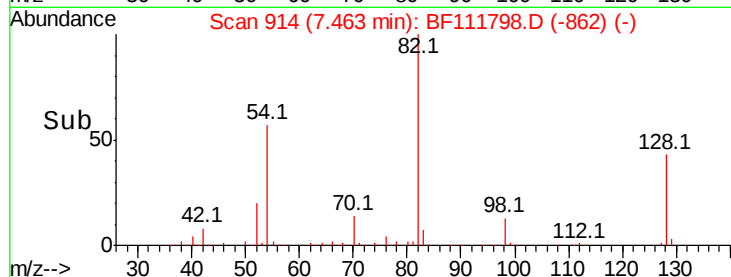
54 56.7 47.6 71.4



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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

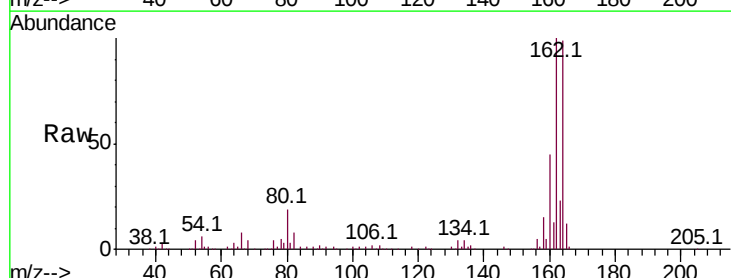
Tgt Ion:164 Resp: 175601

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

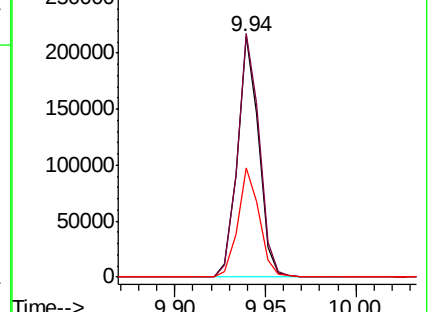
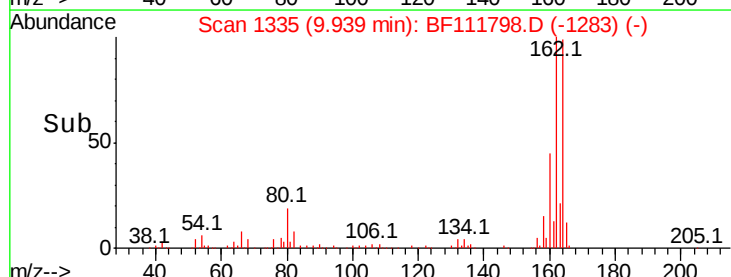
160 45.2 35.7 53.5

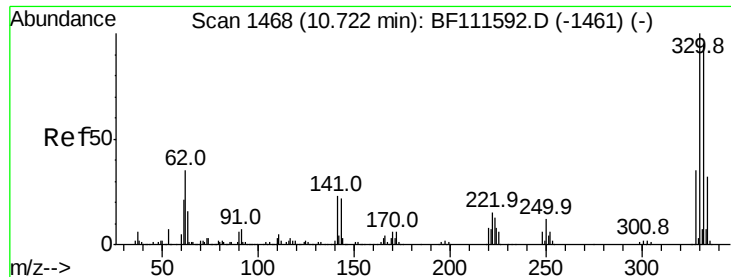


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

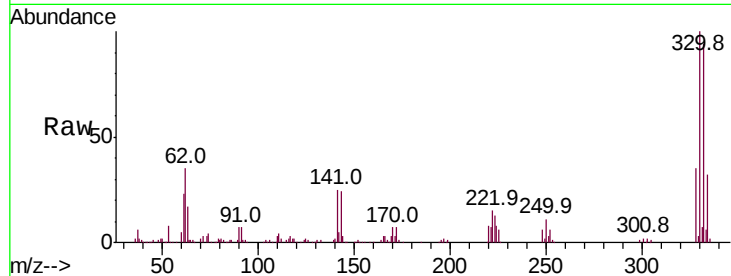




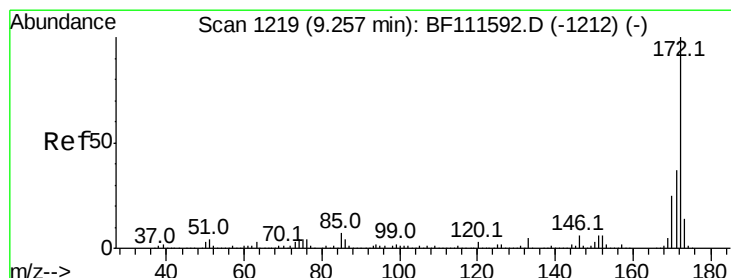
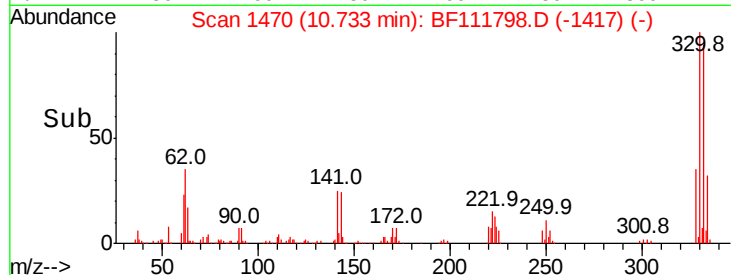
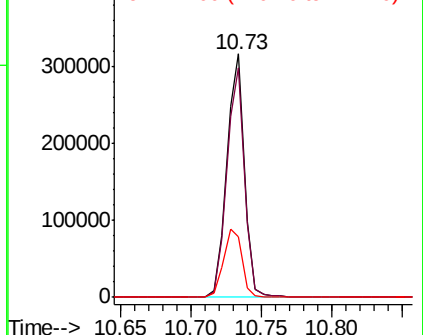
#42
 2,4,6-Tribromophenol
 Concen: 132.122 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 DUP03_122718

Tot Ion:330 Resp: 274135
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.0 114.0
 141 29.6 31.0 46.6#

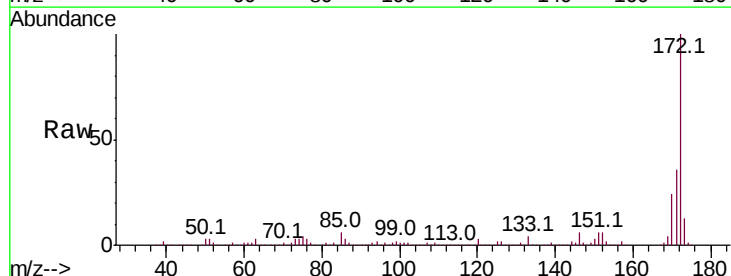


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

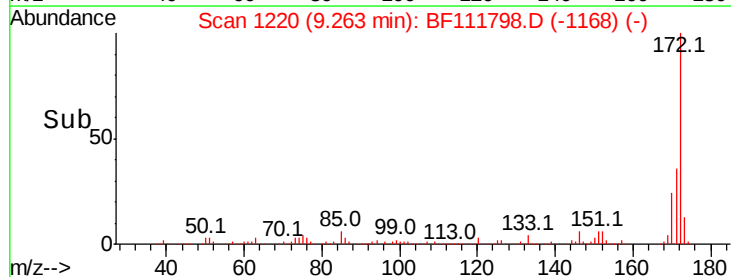
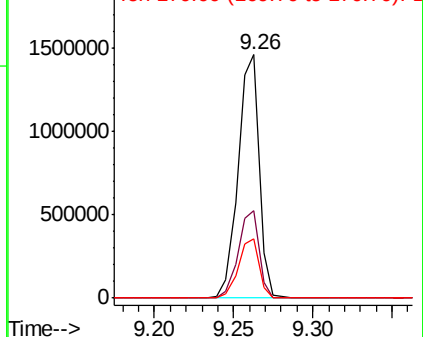


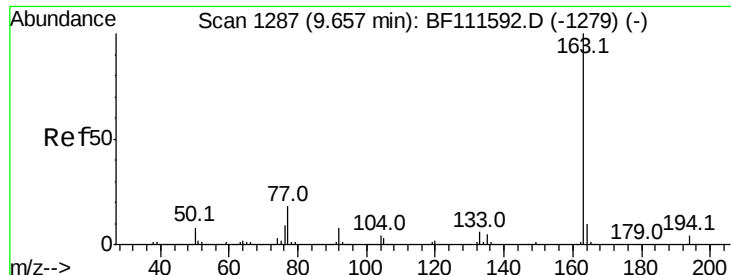
#45
 2-Fluorobiphenyl
 Concen: 111.415 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Tgt Ion:172 Resp: 1342274
 Ion Ratio Lower Upper
 172 100
 171 36.0 33.0 49.4
 170 24.2 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





#50

Dimethylphthalate

Concen: 3.901 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

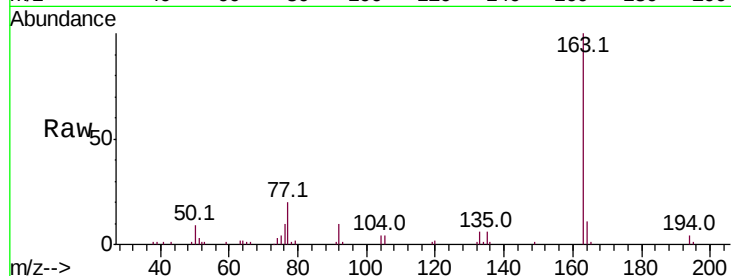
Tot Ion:163 Resp: 50092

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

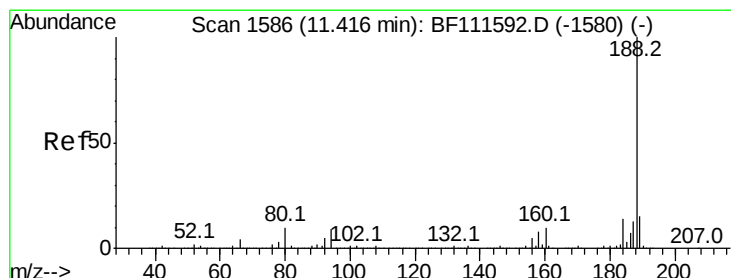
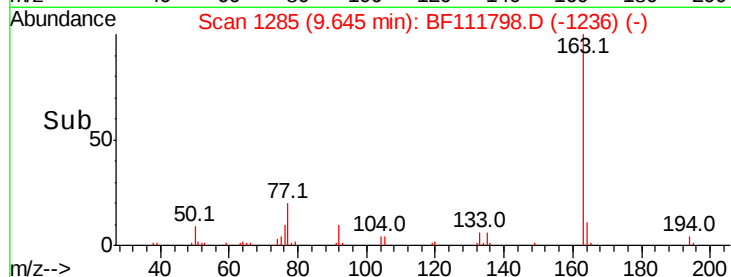
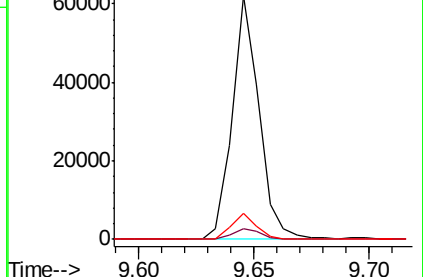
164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

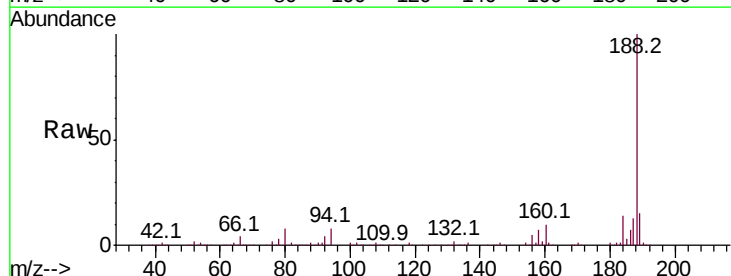
Tgt Ion:188 Resp: 290890

Ion Ratio Lower Upper

188 100

94 7.7 9.6 14.4#

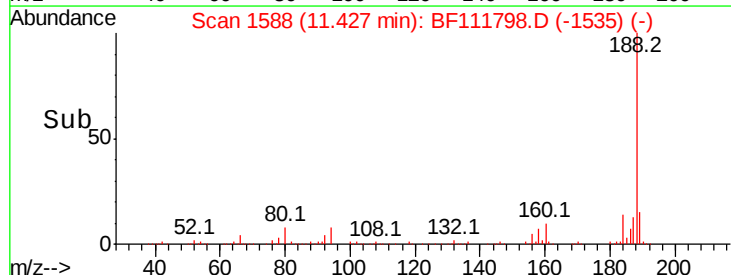
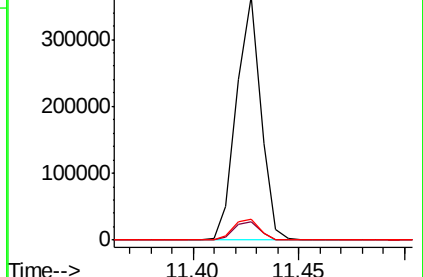
80 8.5 9.8 14.6#

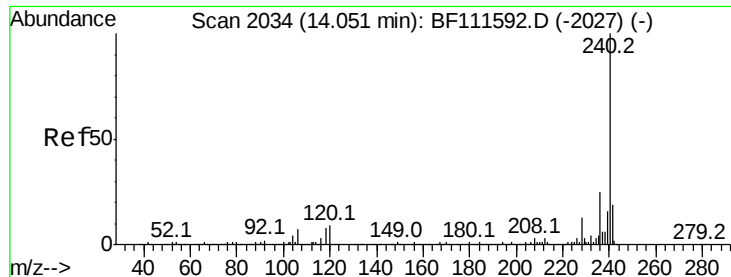


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

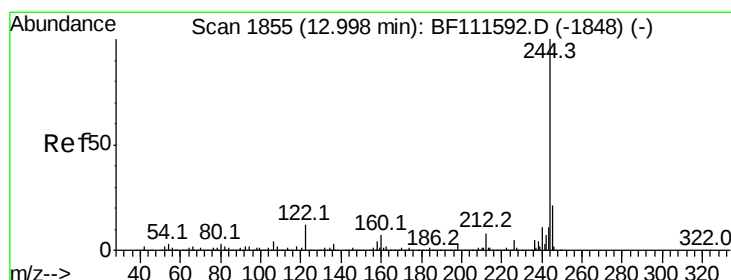
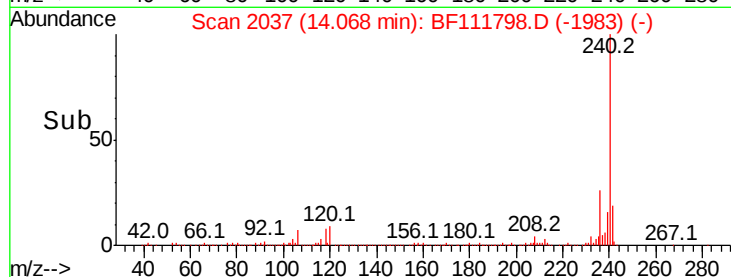
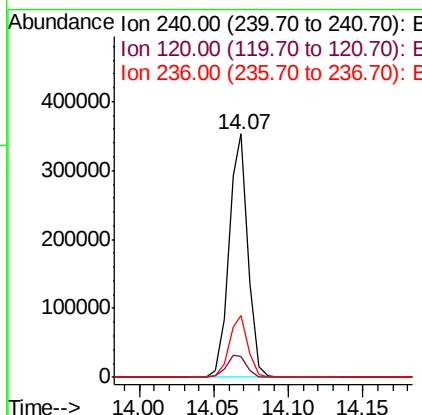
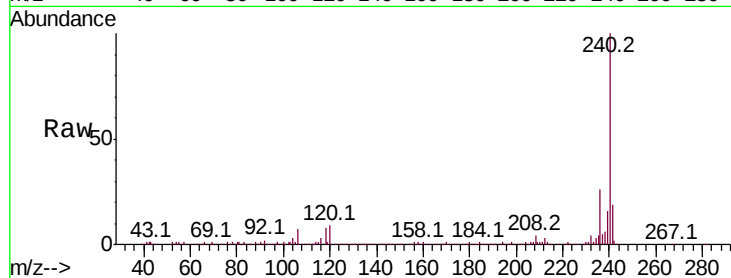




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

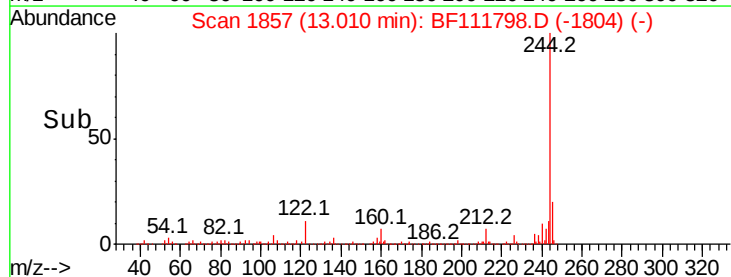
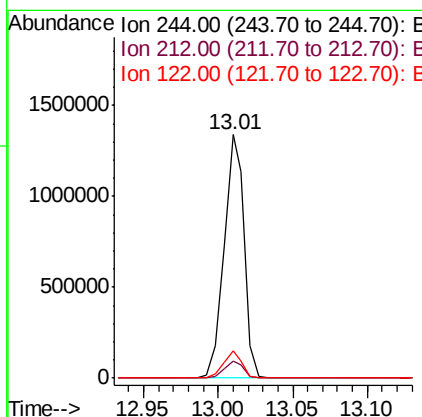
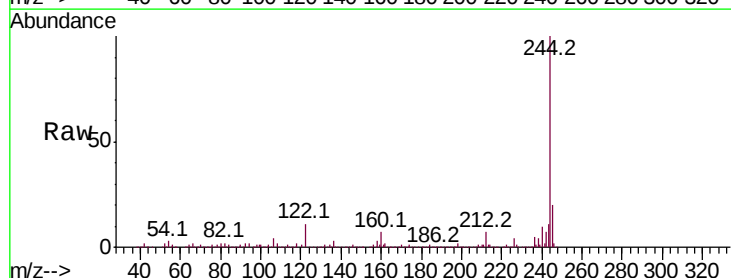
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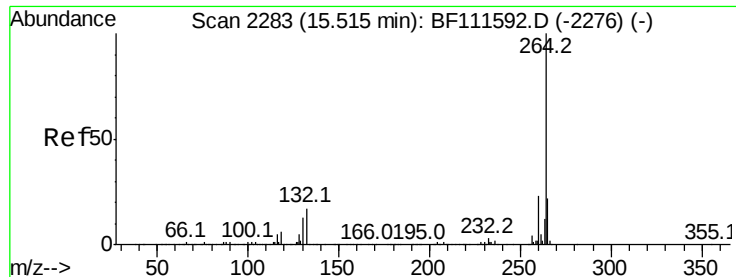
Tot Ion:240 Resp: 315907
 Ion Ratio Lower Upper
 240 100
 120 8.7 12.2 18.2#
 236 25.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 76.153 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Tgt Ion:244 Resp: 1268556
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.0 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
DUP03_122718

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.8	17.7	26.5

