

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111774.D
 Acq On : 27 Dec 2018 20:34
 Operator : JU/SJ
 Sample : J6492-01DL2 100X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Quant Time: Dec 28 07:23:32 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

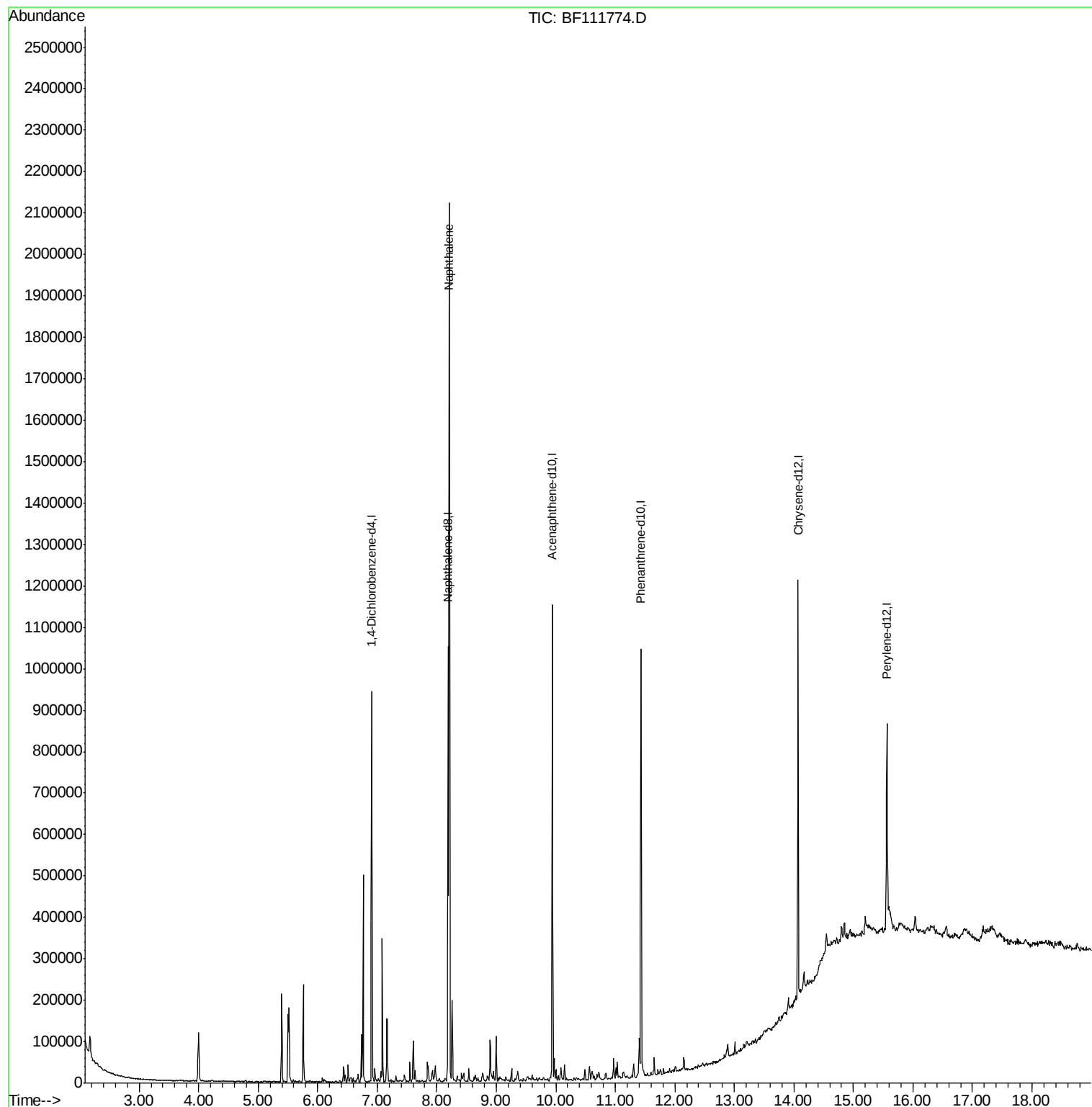
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	129971	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	459530	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	212266	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	384771	20.00	ng	0.01
76) Chrysene-d12	14.07	240	325265	20.00	ng	0.02
87) Perylene-d12	15.56	264	240604	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2197	0.29	ng	0.02
7) Phenol-d6	6.55	99	2017	0.21	ng	0.02
23) Nitrobenzene-d5	7.46	82	4471	0.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1617	0.64	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	9297	0.64	ng	0.00
79) Terphenyl-d14	13.01	244	9161	0.53	ng	0.01
Target Compounds						
31) Naphthalene	8.22	128	949646	43.010	ng	Qvalue 97

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

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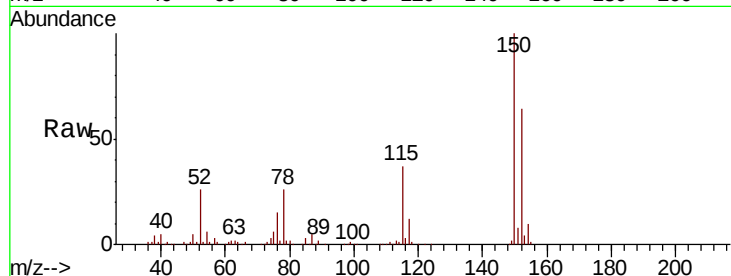


#1

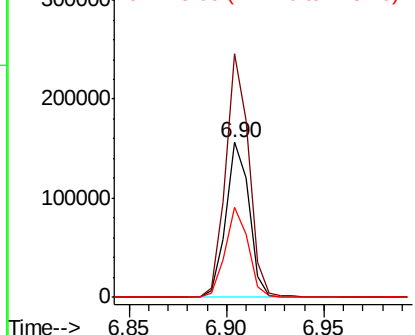
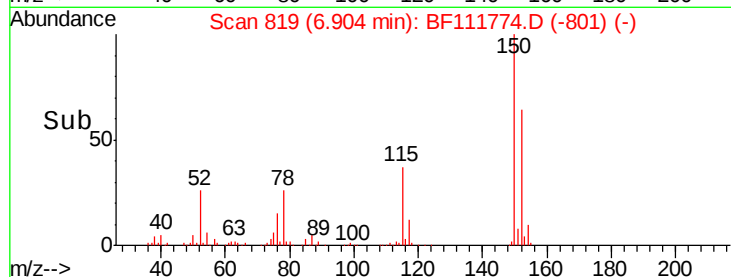
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:152 Resp: 129971
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 58.3 50.7 76.1



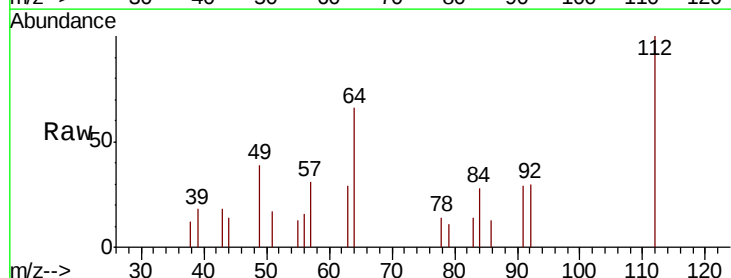
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



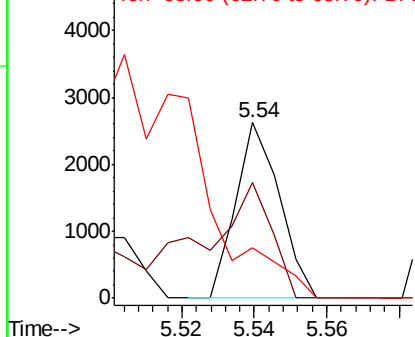
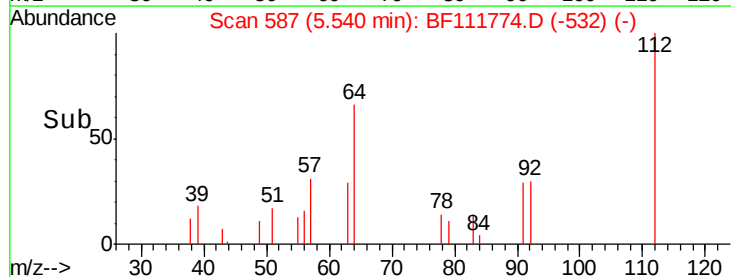
#5

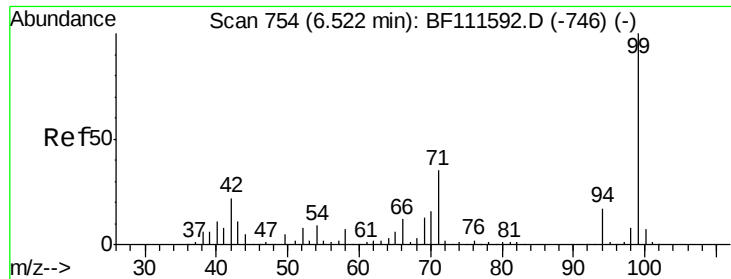
2-Fluorophenol
Concen: 0.288 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Tgt Ion:112 Resp: 2197
Ion Ratio Lower Upper
112 100
64 65.7 51.8 77.6
63 29.0 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: 0.208 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111774.D

Acq: 27 Dec 2018 20:34

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

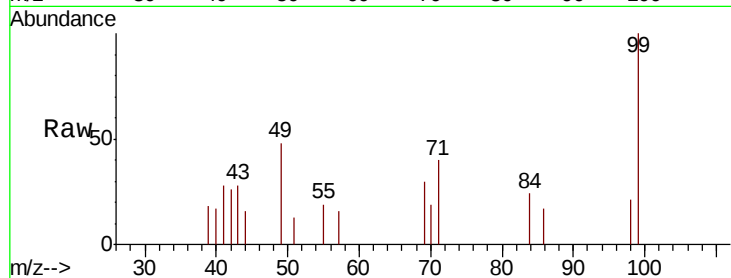
Tot Ion: 99 Resp: 2017

Ion Ratio Lower Upper

99 100

42 25.7 17.4 26.0

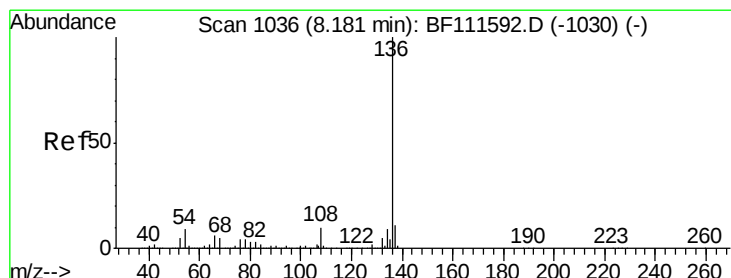
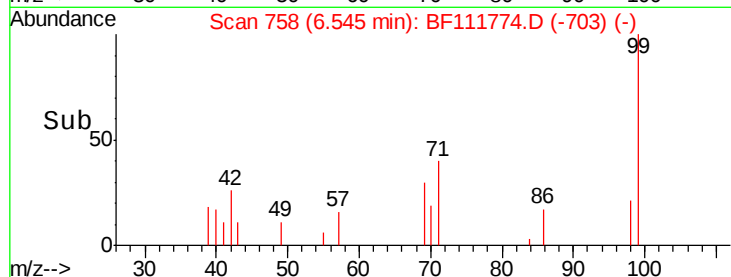
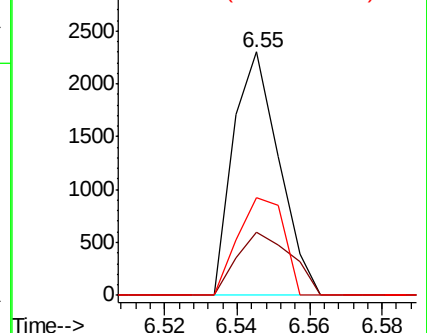
71 40.2 26.1 39.1#



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# 1038

Delta R.T. 0.01 min

Lab File: BF111774.D

Acq: 27 Dec 2018 20:34

Tgt Ion: 136 Resp: 459530

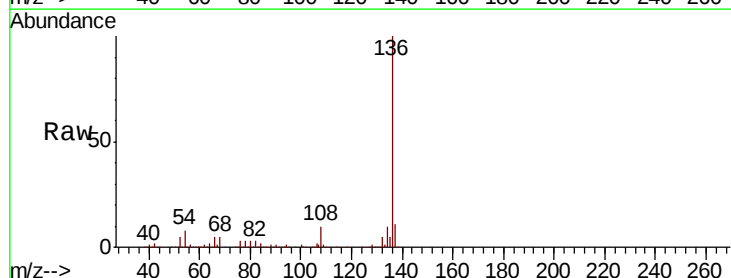
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.0 7.7 11.5

68 4.8 4.9 7.3#

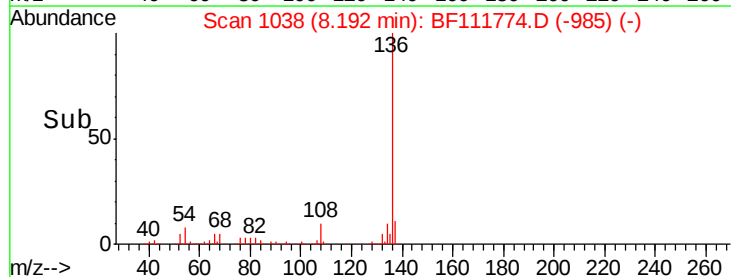
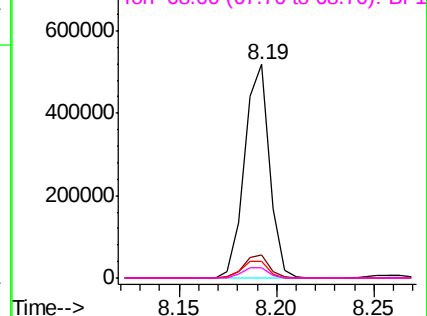


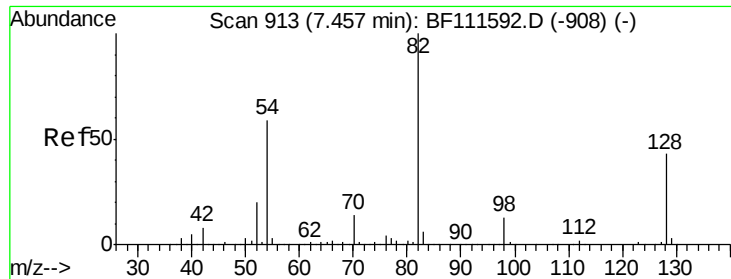
Abundance Ion 136.00 (135.70 to 136.70): E

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

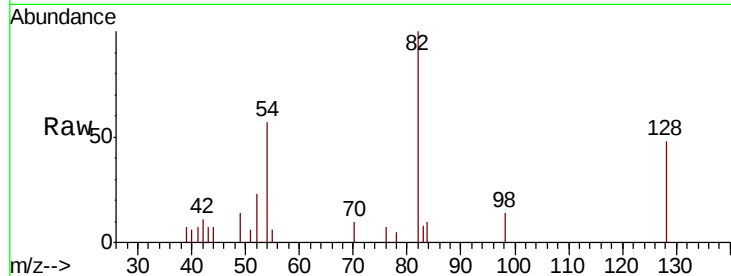




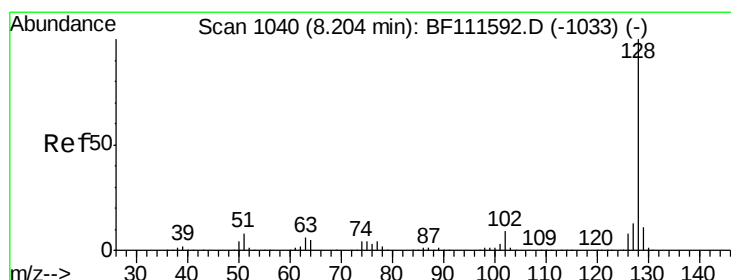
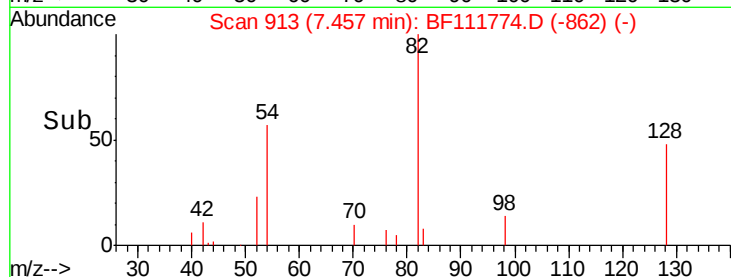
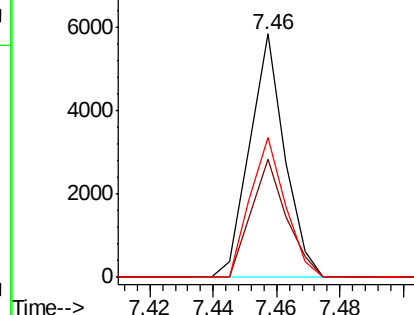
#23
Nitrobenzene-d5
Concen: 0.566 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion: 82 Resp: 4471
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 57.3 47.6 71.4

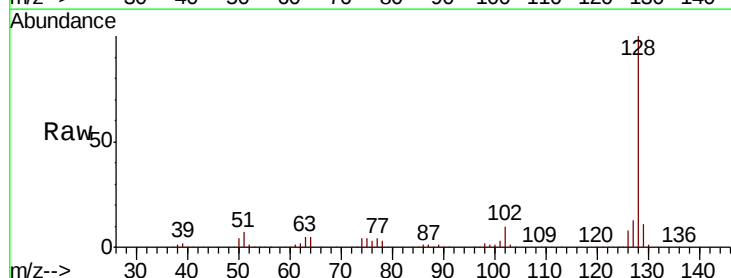


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

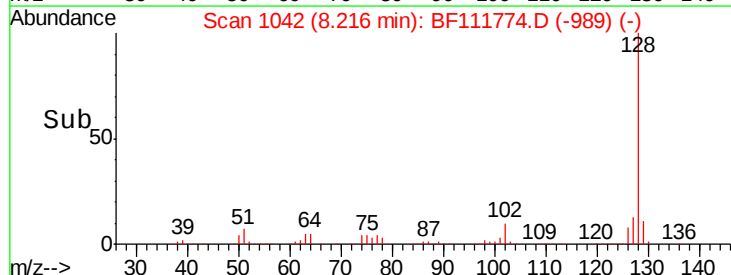
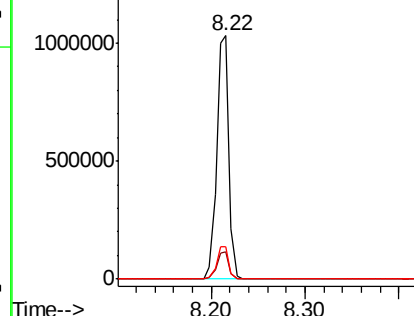


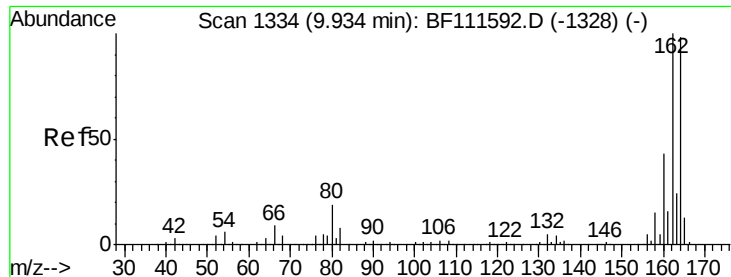
#31
Naphthalene
Concen: 43.010 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Tgt Ion: 128 Resp: 949646
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.4 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

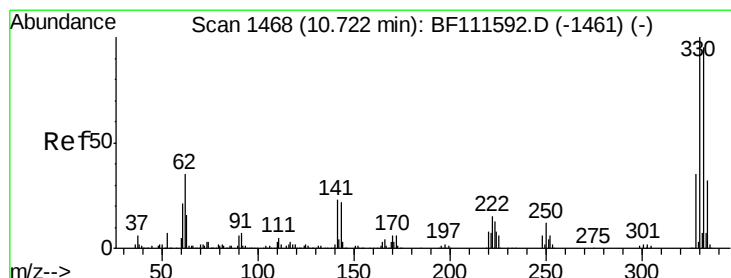
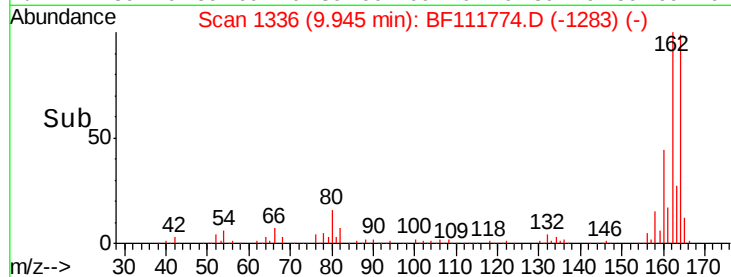
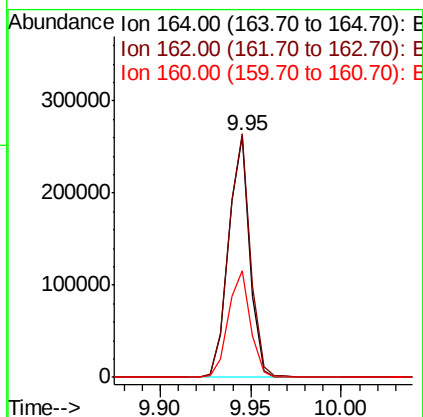
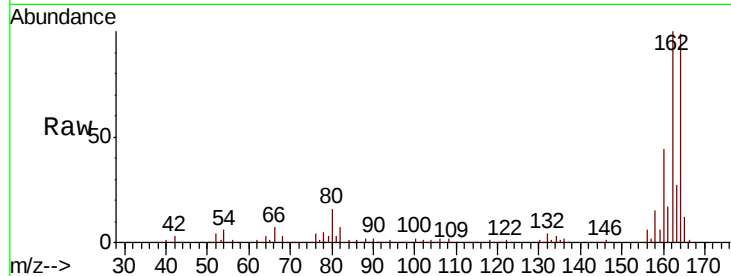




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

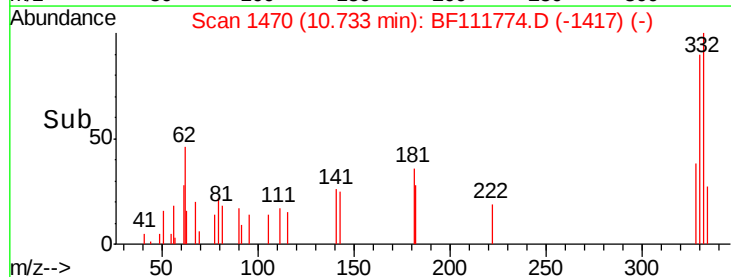
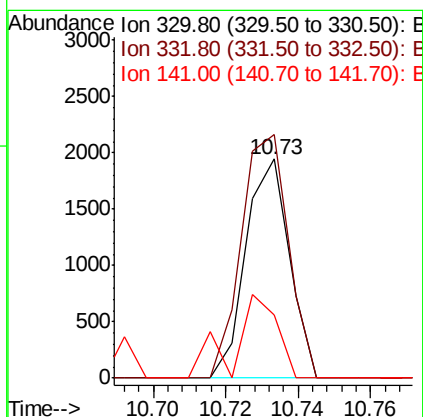
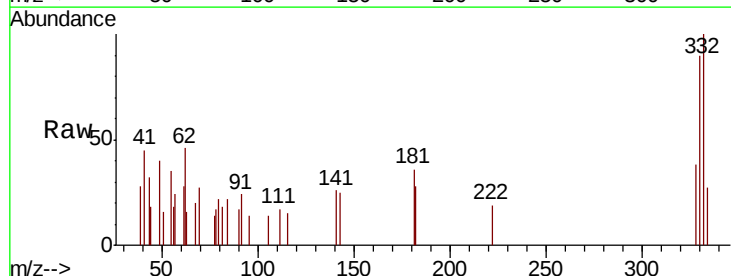
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

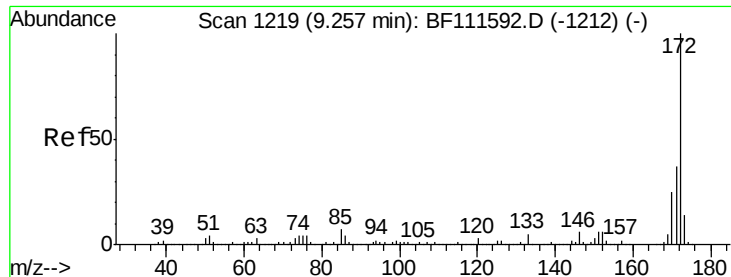
Tot Ion:164 Resp: 212266
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.2 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 0.645 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Tgt Ion:330 Resp: 1617
Ion Ratio Lower Upper
330 100
332 120.4 76.0 114.0#
141 37.4 31.0 46.6

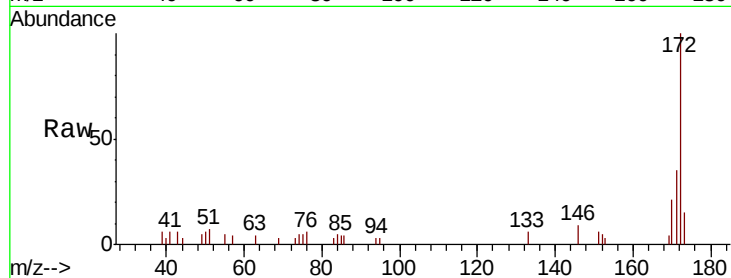




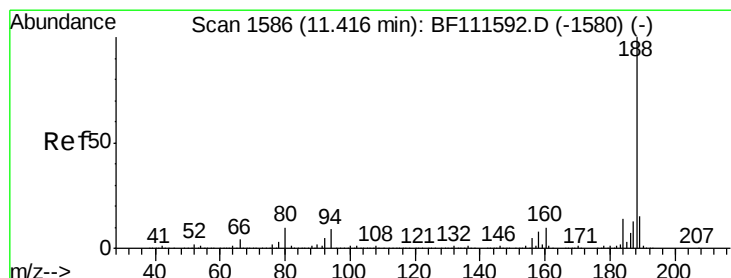
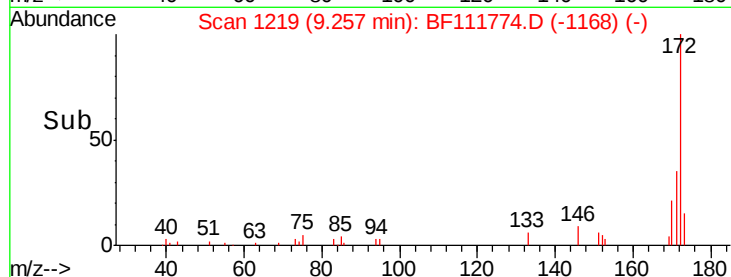
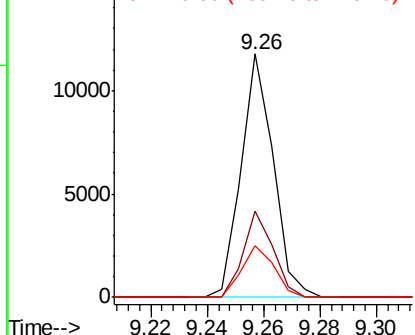
#45
2-Fluorobiphenyl
Concen: 0.638 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:172 Resp: 9297
Ion Ratio Lower Upper
172 100
171 35.2 33.0 49.4
170 21.0 22.3 33.5#

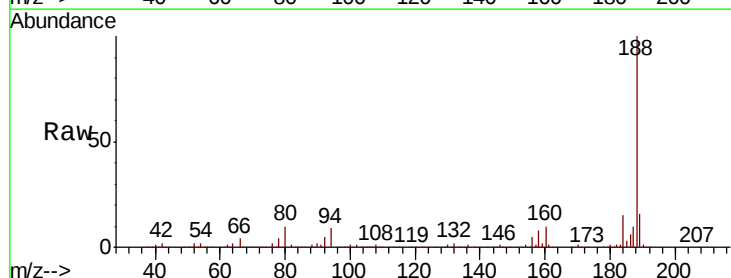


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

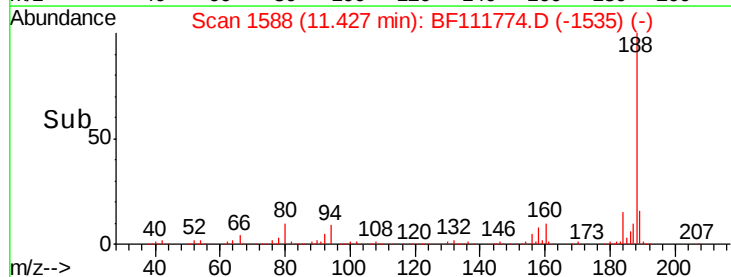
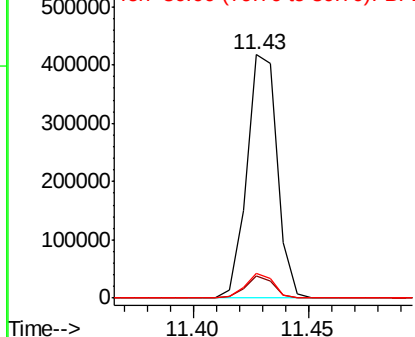


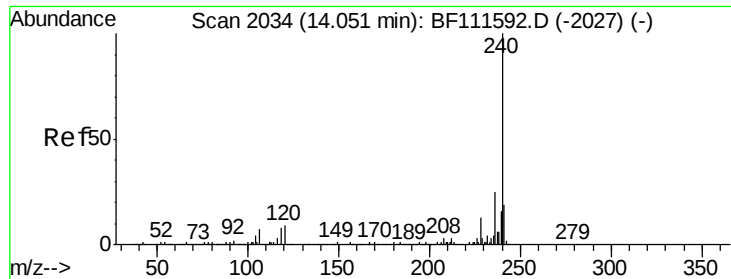
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Tgt Ion:188 Resp: 384771
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 10.1 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: BF111774.D

Acq: 27 Dec 2018 20:34

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

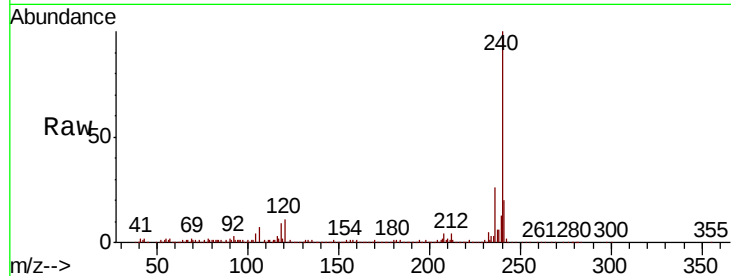
Tot Ion:240 Resp: 325265

Ion Ratio Lower Upper

240 100

120 10.8 12.2 18.2#

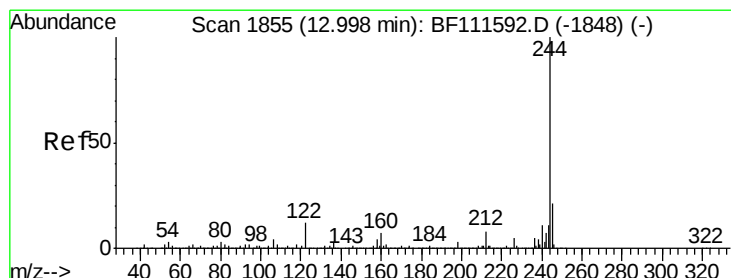
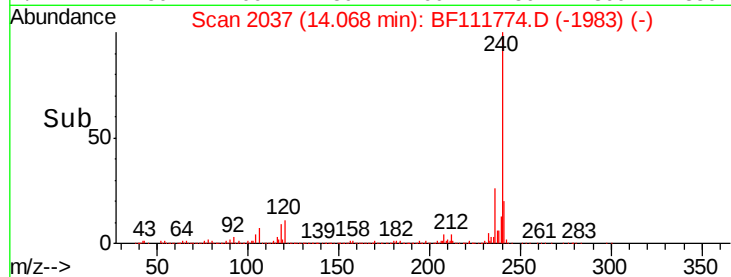
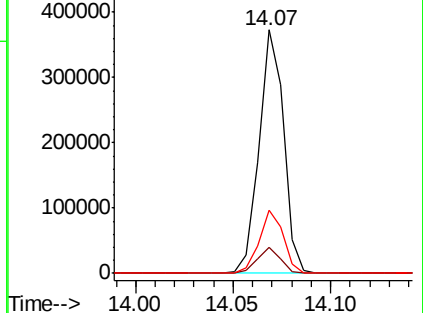
236 26.1 20.2 30.2



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: 0.534 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111774.D

Acq: 27 Dec 2018 20:34

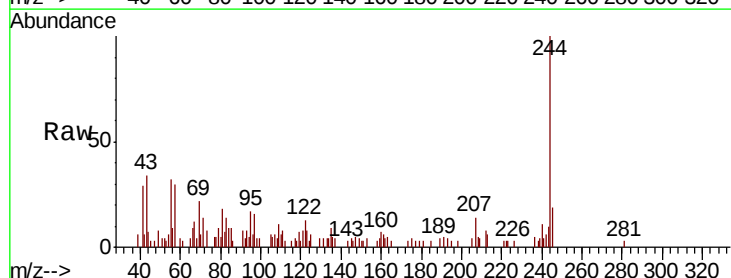
Tgt Ion:244 Resp: 9161

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

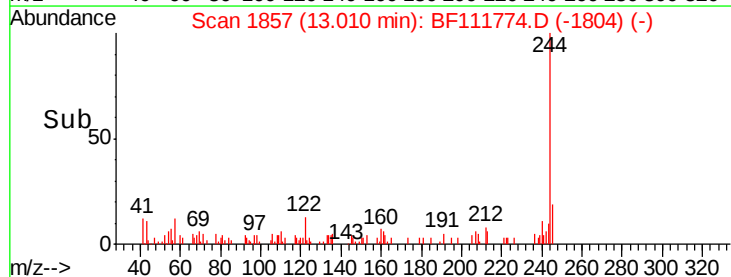
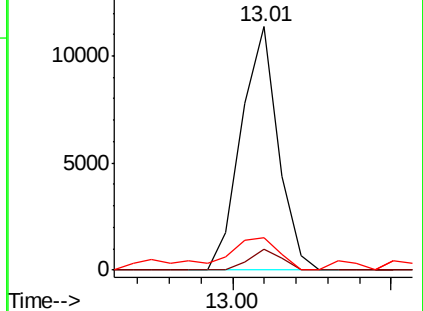
122 13.4 13.1 19.7

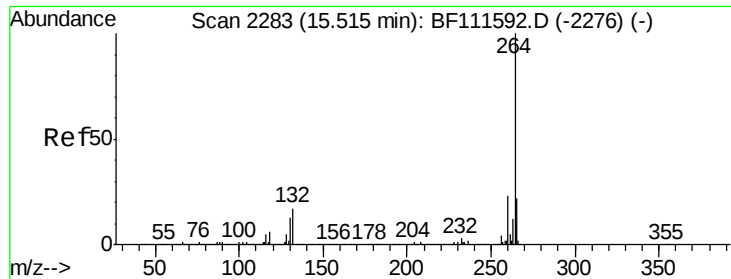


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

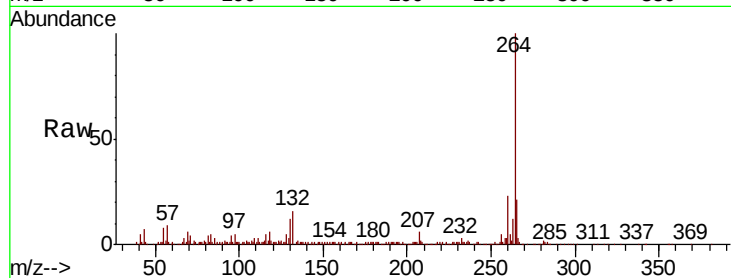




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111774.D
Acq: 27 Dec 2018 20:34

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	20.7	17.7	26.5



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

