

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111751.D
 Acq On : 27 Dec 2018 9:00
 Operator : JU/SJ
 Sample : J6492-01DL2 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Quant Time: Dec 27 12:34:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 11:05:37 2018
 Response via : Initial Calibration

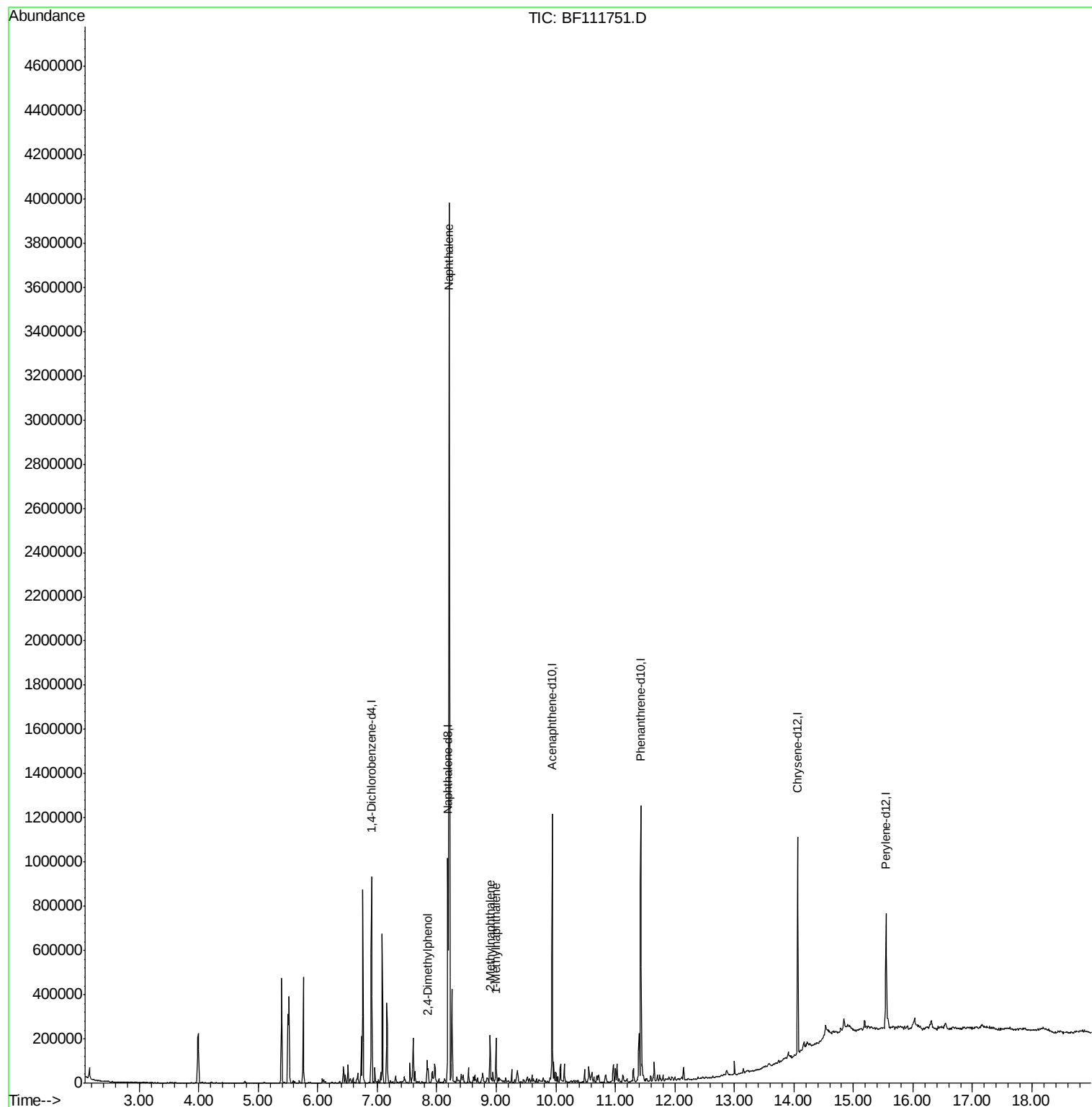
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123193	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	443042	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	213559	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	421249	20.00	ng	0.00
76) Chrysene-d12	14.06	240	314868	20.00	ng	0.00
87) Perylene-d12	15.55	264	246868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	4873	0.67	ng	0.00
7) Phenol-d6	6.53	99	3941	0.43	ng	-0.01
23) Nitrobenzene-d5	7.46	82	8366	1.10	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	3968	1.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	18431	1.26	ng	0.00
79) Terphenyl-d14	13.00	244	17897	1.08	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.84	122	21973	3.445	ng	93
31) Naphthalene	8.21	128	1740462	81.760	ng	97
37) 2-Methylnaphthalene	8.90	142	46022	3.323	ng	96
38) 1-Methylnaphthalene	9.00	142	48409	3.639	ng	99

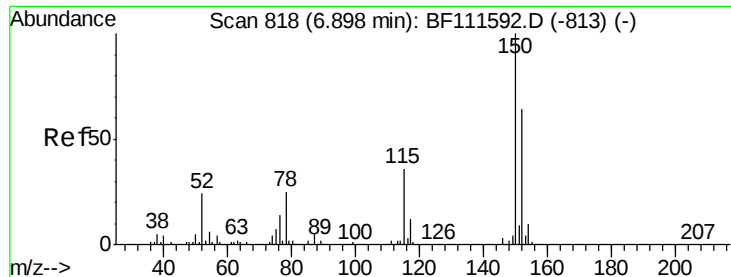
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF111751.D

Acq: 27 Dec 2018 9:00

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

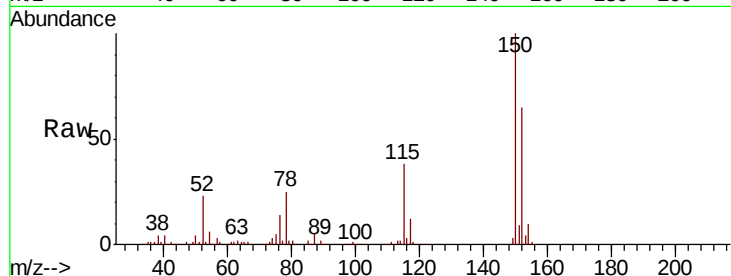
Tot Ion:152 Resp: 123193

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

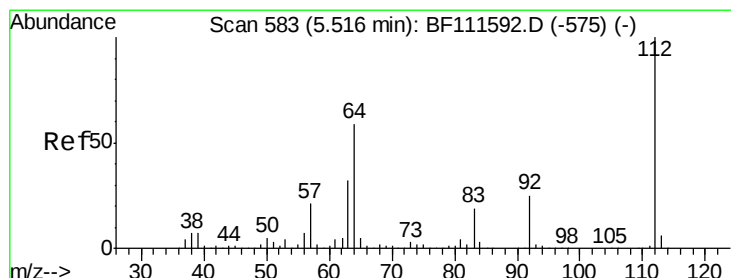
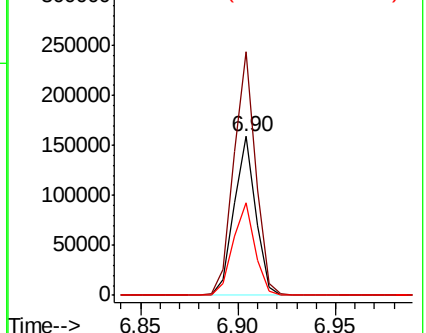
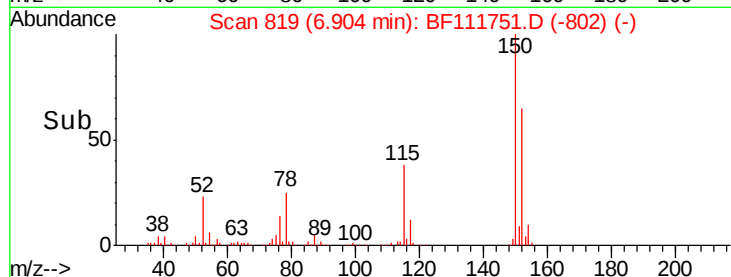
115 58.2 50.7 76.1



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: 0.674 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF111751.D

Acq: 27 Dec 2018 9:00

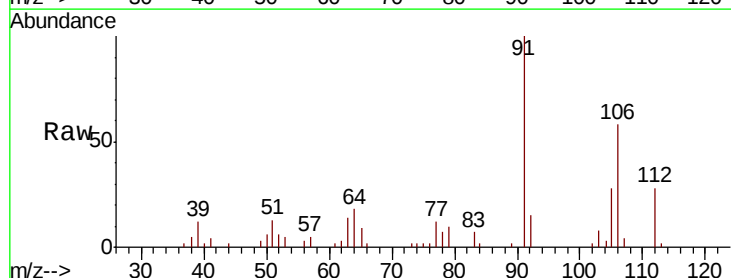
Tgt Ion:112 Resp: 4873

Ion Ratio Lower Upper

112 100

64 63.6 51.8 77.6

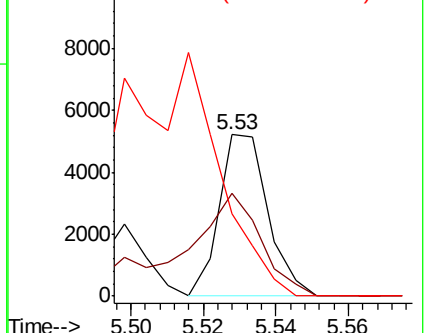
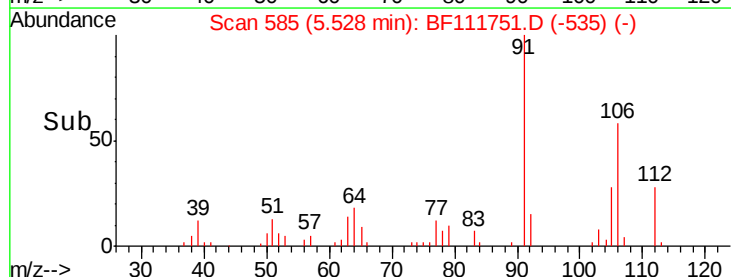
63 51.2 26.8 40.2#

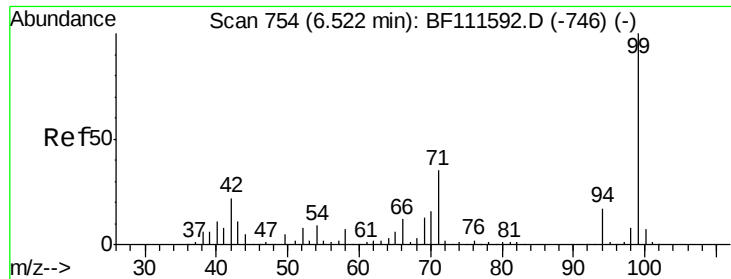


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.428 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111751.D

Acq: 27 Dec 2018 9:00

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

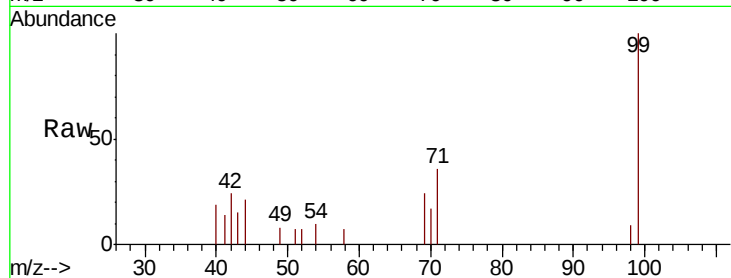
Tot Ion: 99 Resp: 3941

Ion Ratio Lower Upper

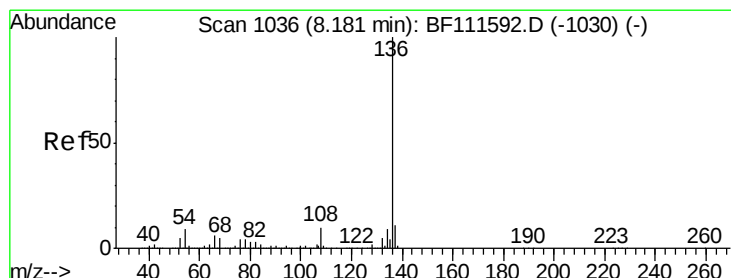
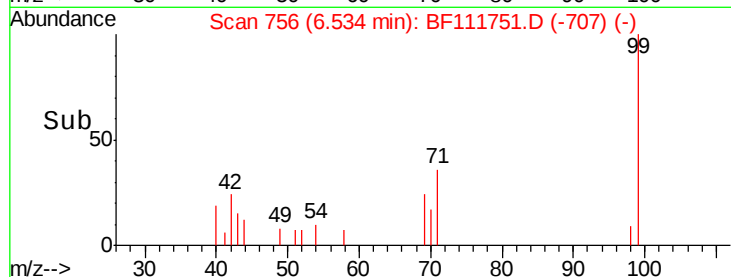
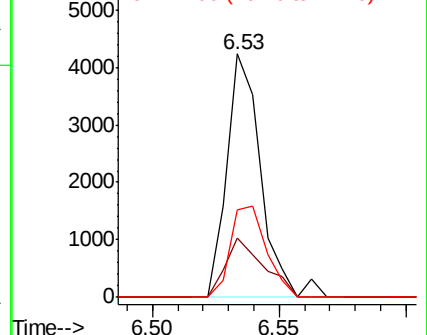
99 100

42 24.4 17.4 26.0

71 35.8 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: BF111751.D

Acq: 27 Dec 2018 9:00

Tgt Ion: 136 Resp: 443042

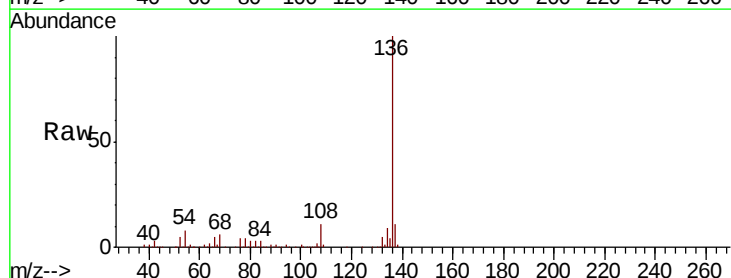
Ion Ratio Lower Upper

136 100

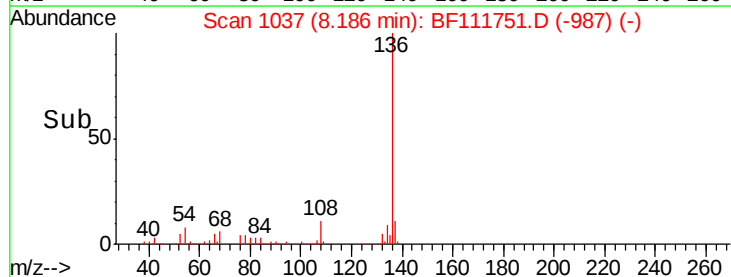
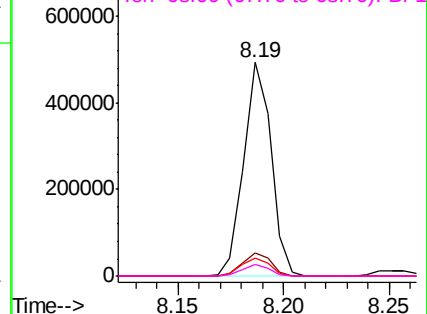
137 11.0 9.1 13.7

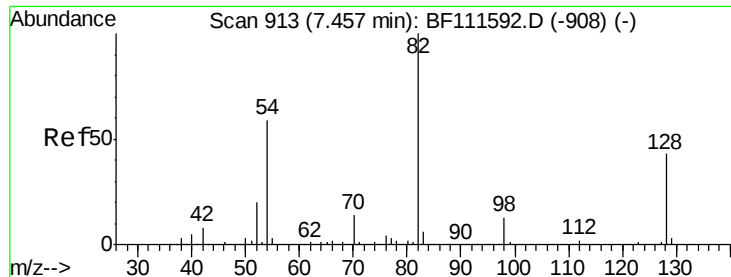
54 8.5 7.7 11.5

68 5.6 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

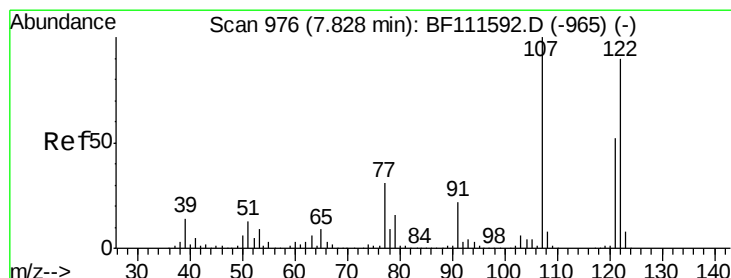
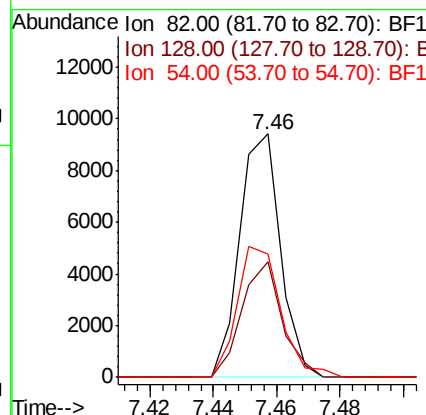
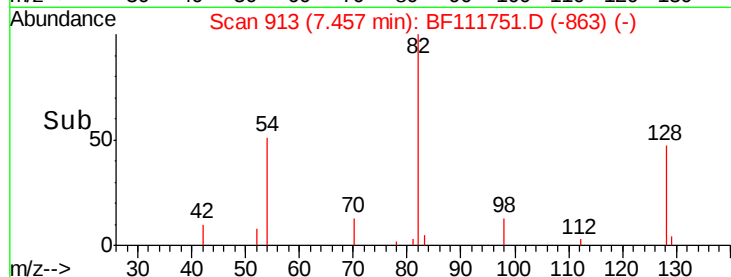
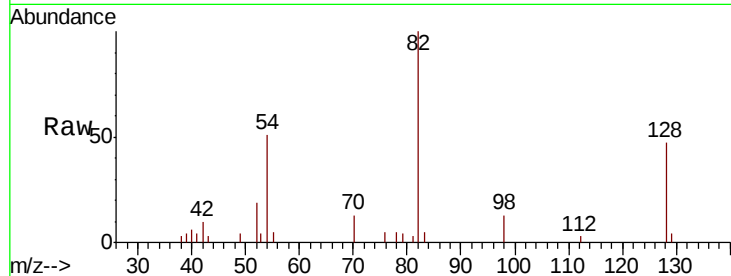




#23
Nitrobenzene-d5
Concen: 1.099 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

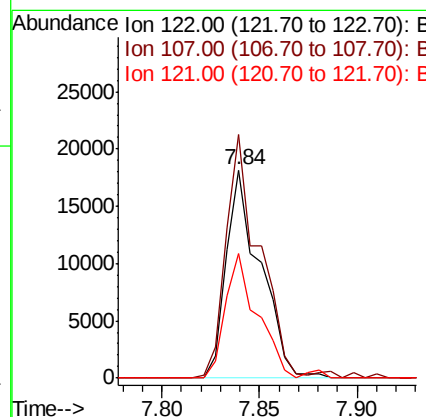
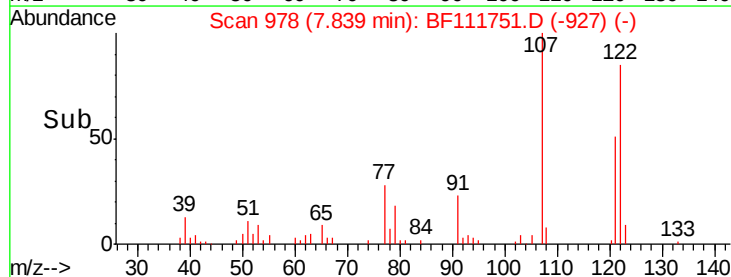
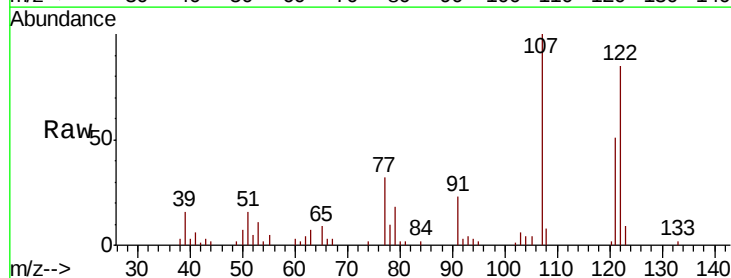
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

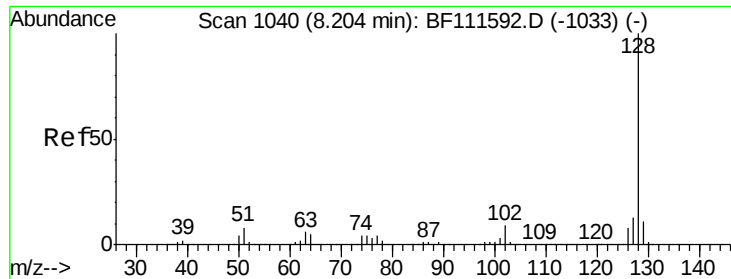
Tot Ion	82	Resp	8366
Ion Ratio	Lower	Upper	
82	100		
128	47.5	37.4	56.2
54	50.5	47.6	71.4



#27
2,4-Dimethylphenol
Concen: 3.445 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion	122	Resp	21973
Ion Ratio	Lower	Upper	
122	100		
107	117.0	85.5	128.3
121	60.0	46.6	70.0

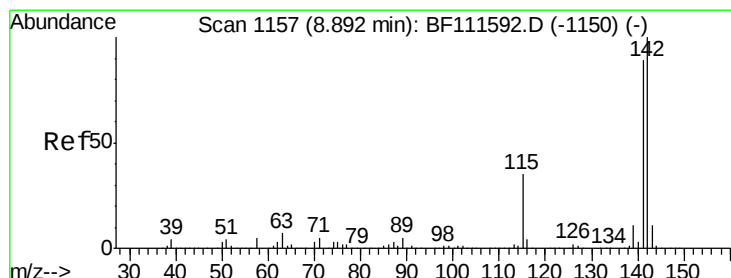
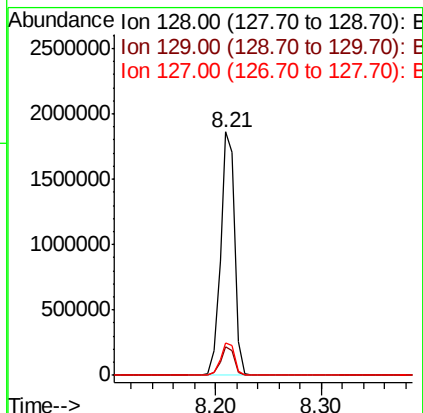
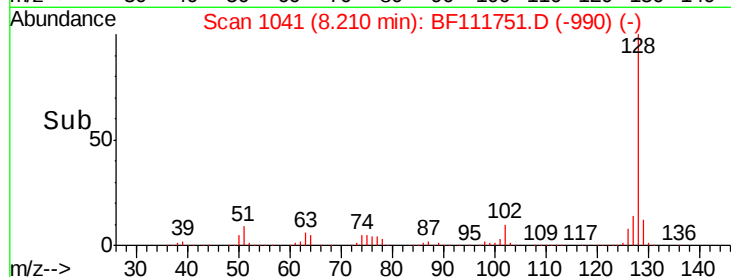
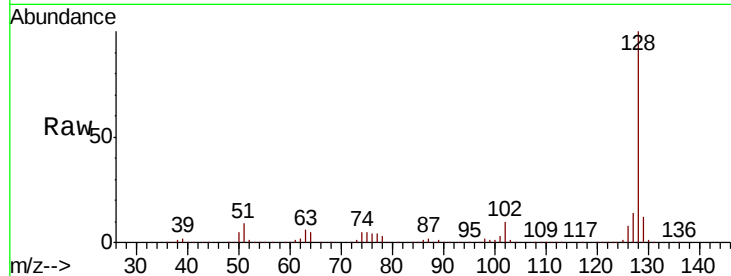




#31
Naphthalene
Concen: 81.760 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

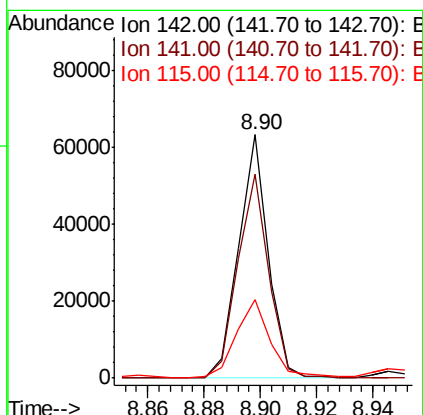
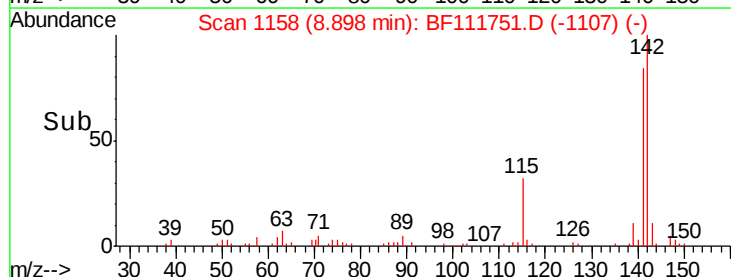
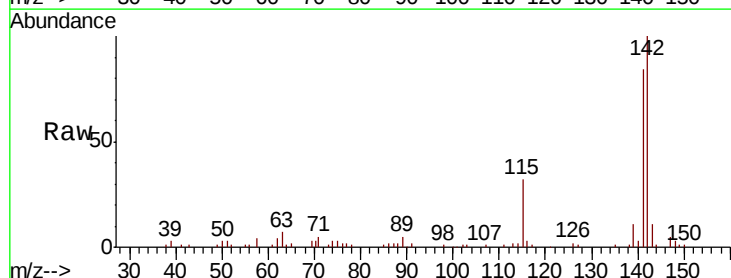
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

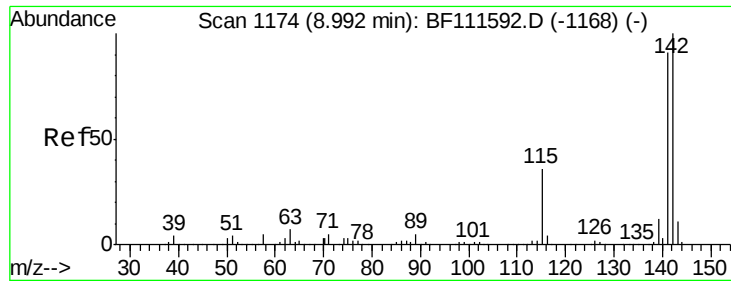
Tot Ion:128 Resp: 1740462
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.6 12.0 18.0



#37
2-Methylnaphthalene
Concen: 3.323 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:142 Resp: 46022
Ion Ratio Lower Upper
142 100
141 83.8 70.6 105.8
115 32.4 27.0 40.6

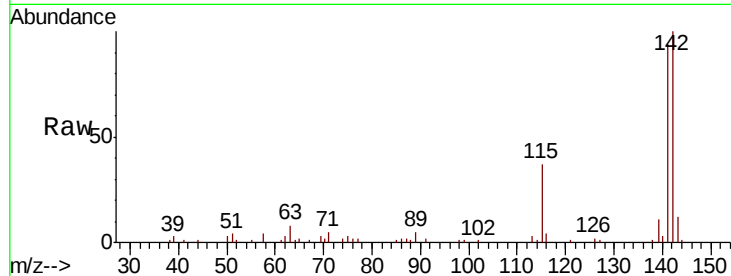




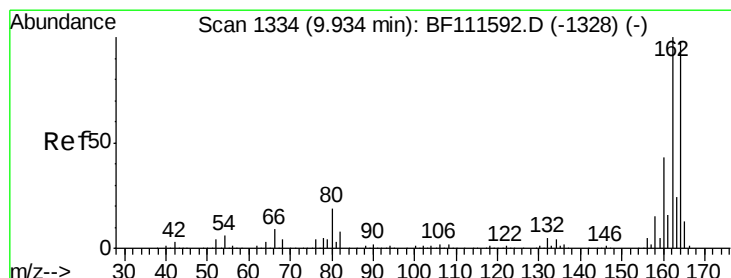
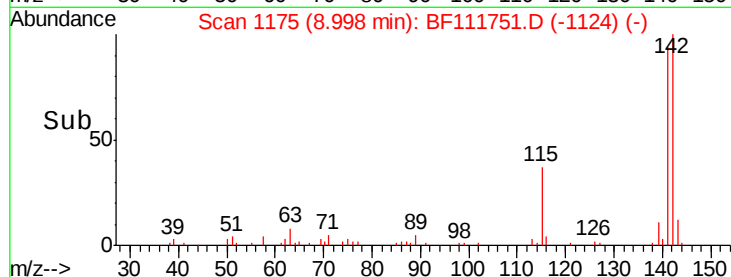
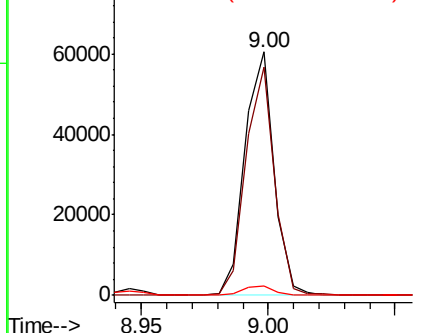
#38
1-Methylnaphthalene
Concen: 3.639 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:142 Resp: 48409
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 3.8 2.9 4.3

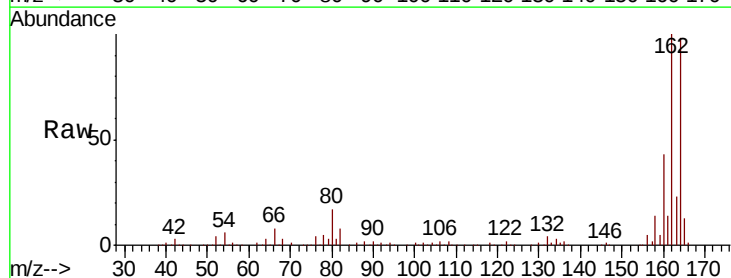


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

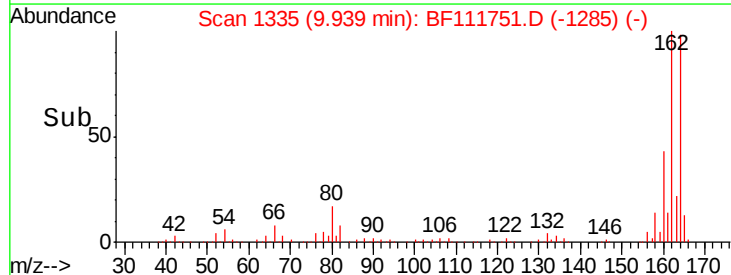
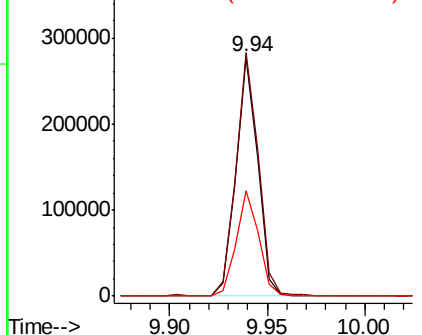


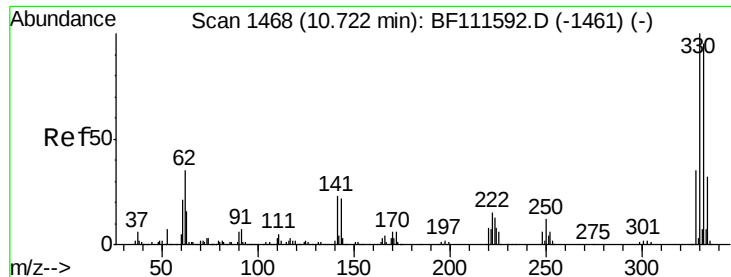
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:164 Resp: 213559
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.0 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

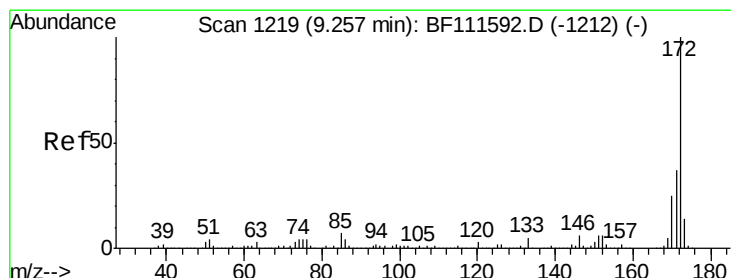
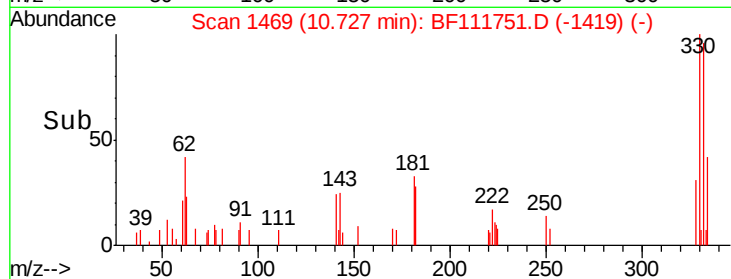
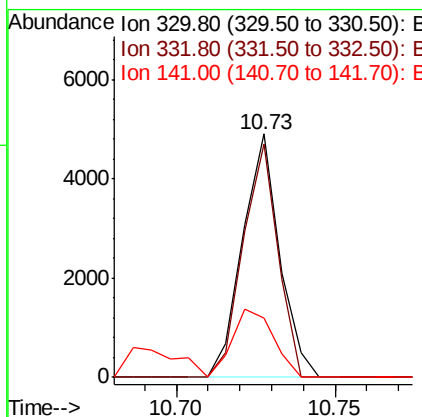
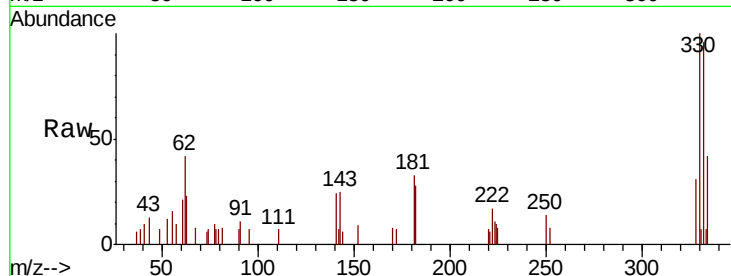




#42
 2,4,6-Tribromophenol
 Concen: 1.573 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF111751.D
 Acq: 27 Dec 2018 9:00

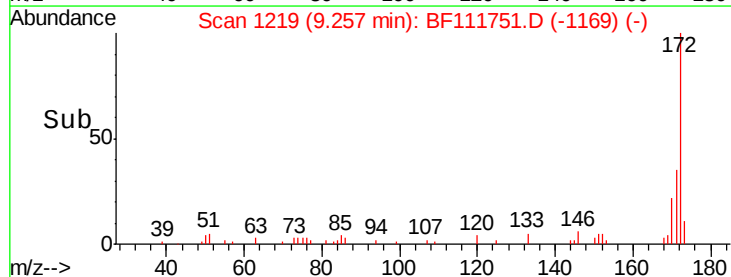
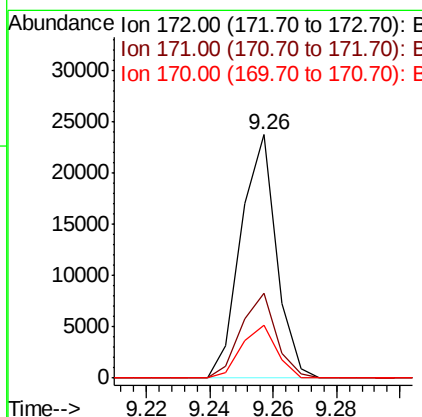
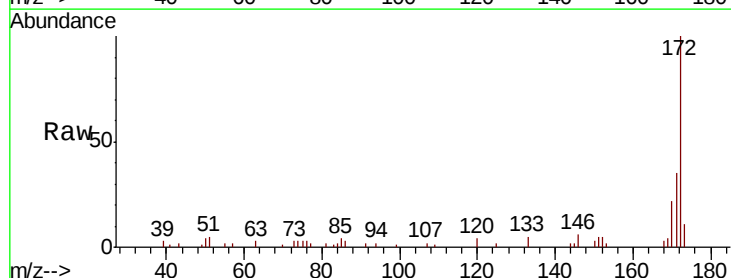
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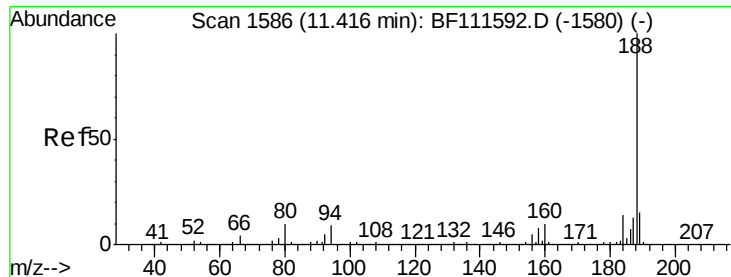
Tot Ion	Ratio	Lower	Upper
330	100		
332	89.9	76.0	114.0
141	31.0	31.0	46.6#



#45
 2-Fluorobiphenyl
 Concen: 1.258 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF111751.D
 Acq: 27 Dec 2018 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	21.6	22.3	33.5#

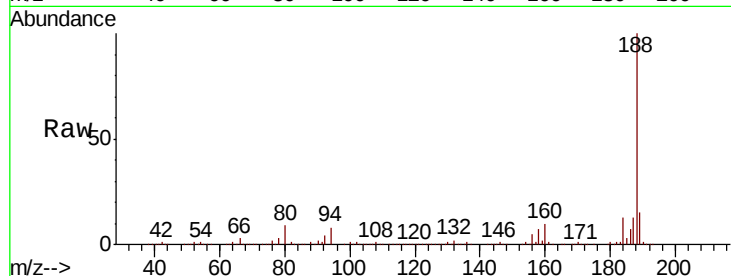




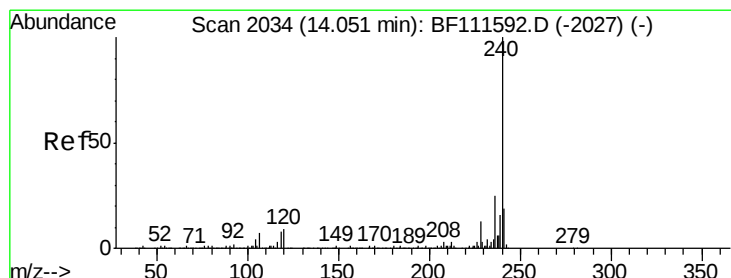
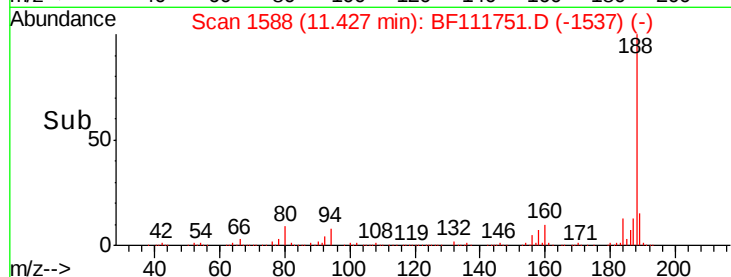
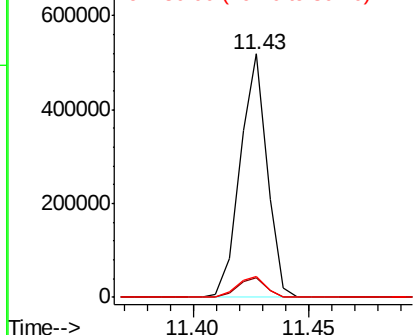
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:188 Resp: 421249
Ion Ratio Lower Upper
188 100
94 7.9 9.6 14.4#
80 8.7 9.8 14.6#

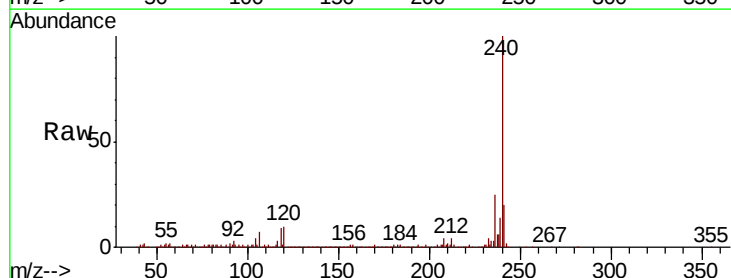


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

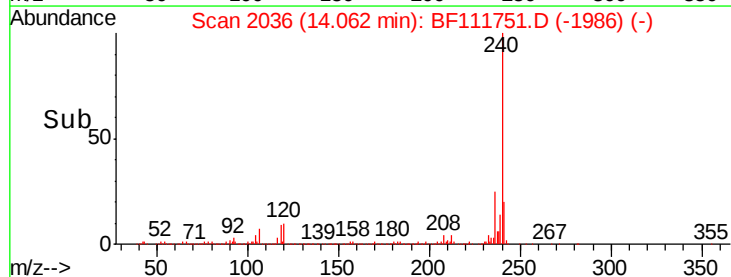
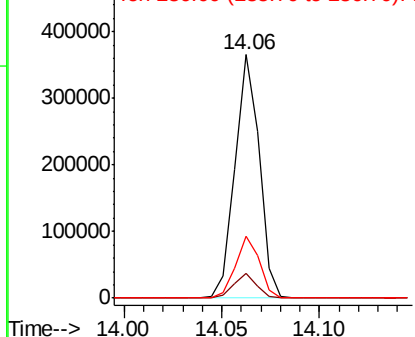


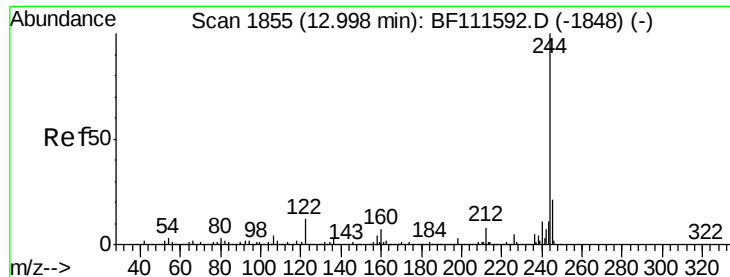
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:240 Resp: 314868
Ion Ratio Lower Upper
240 100
120 9.9 12.2 18.2#
236 25.5 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: 1.078 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF111751.D

Acq: 27 Dec 2018 9:00

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

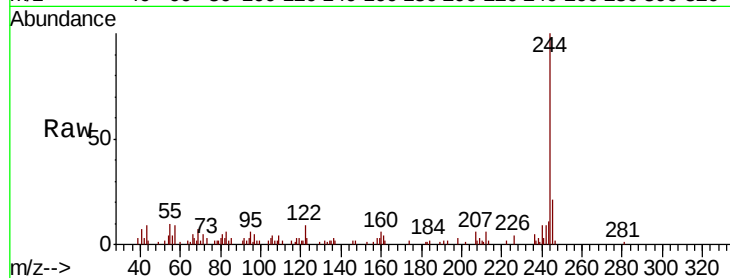
Tot Ion:244 Resp: 17897

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

122 8.6 13.1 19.7#

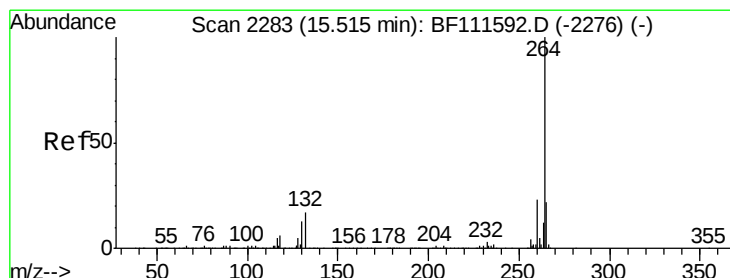
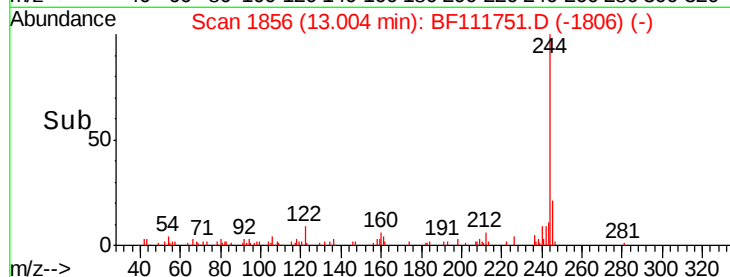
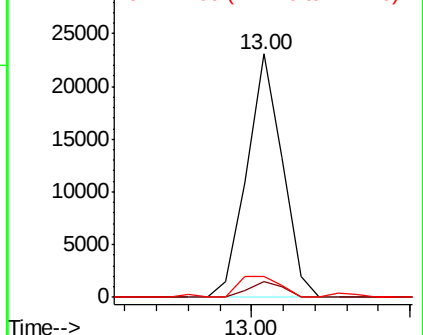


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF111751.D

Acq: 27 Dec 2018 9:00

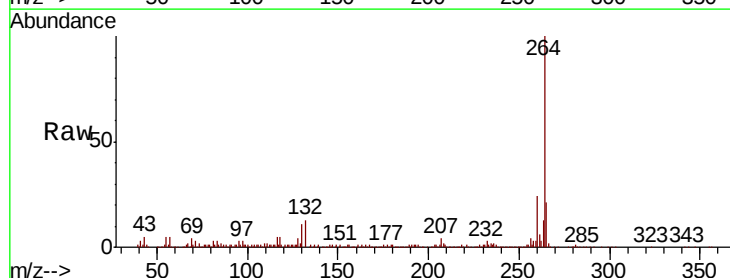
Tgt Ion:264 Resp: 246868

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.5 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

