

Data File : BF108308.D
Acq On : 20 Aug 2018 23:28
Operator : JU/SJ
Sample : J4501-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020

Quant Time: Aug 21 02:22:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

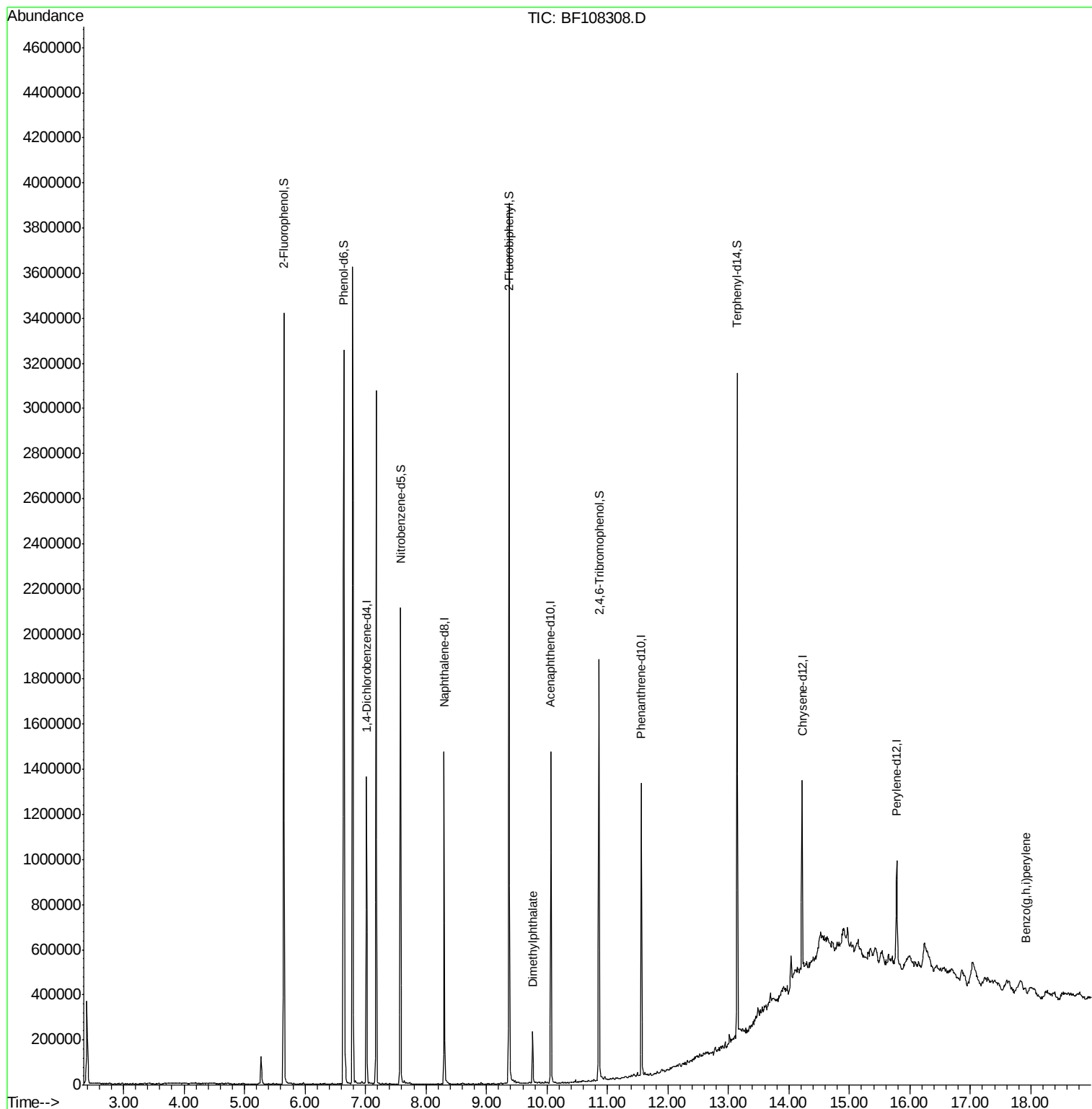
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	176055	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	635835	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	276506	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	472408	20.00	ng	0.00
75) Chrysene-d12	14.22	240	307401	20.00	ng	0.00
86) Perylene-d12	15.78	264	246132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	864431	88.89	ng	0.02
7) Phenol-d6	6.64	99	1135291	87.85	ng	0.01
23) Nitrobenzene-d5	7.58	82	699894	61.42	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	228928	83.00	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1219596	70.81	ng	0.00
78) Terphenyl-d14	13.15	244	944077	78.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	88989	4.620	ng	Qvalue # 99
91) Benzo(g,h,i)perylene	17.91	276	26496	2.469	ng	93

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

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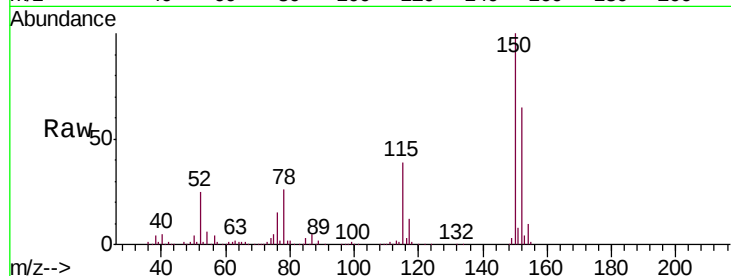


#1

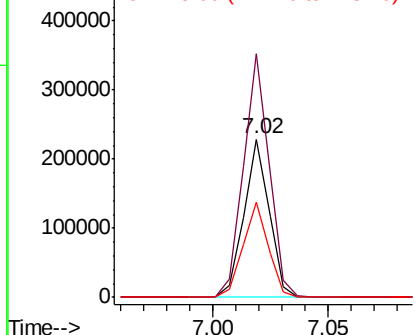
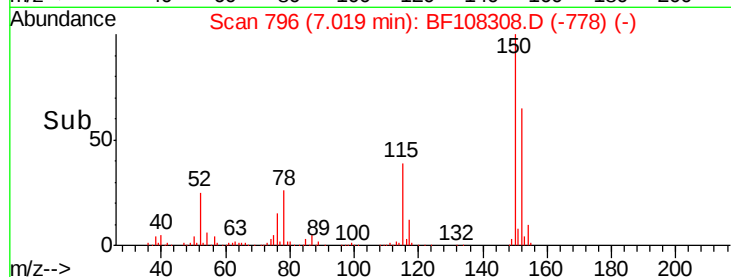
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108308.D
Acq: 20 Aug 2018 23:28

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020

Tgt Ion:152 Resp: 176055
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 59.8 50.1 75.1



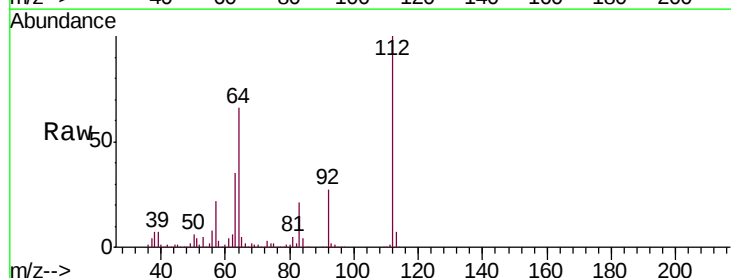
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



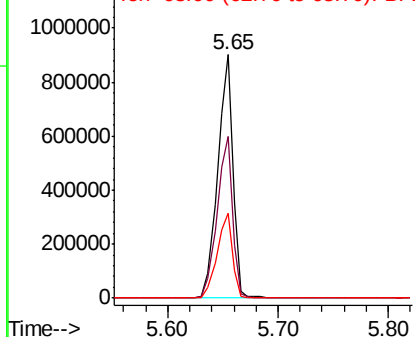
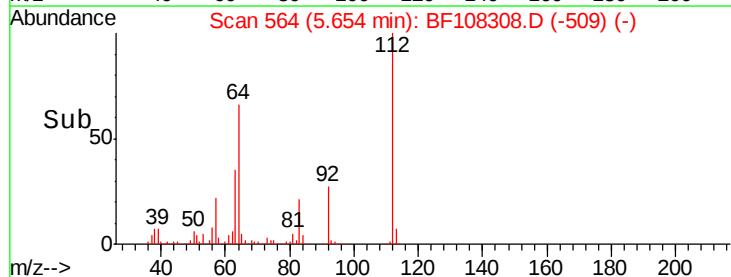
#5

2-Fluorophenol
Concen: 88.893 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108308.D
Acq: 20 Aug 2018 23:28

Tgt Ion:112 Resp: 864431
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 35.1 23.7 35.5



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: 87.855 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

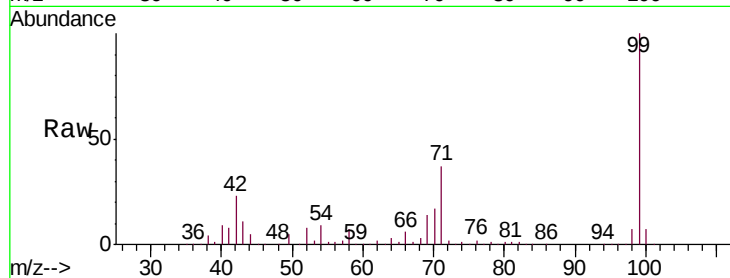
Tgt Ion: 99 Resp: 1135291

Ion Ratio Lower Upper

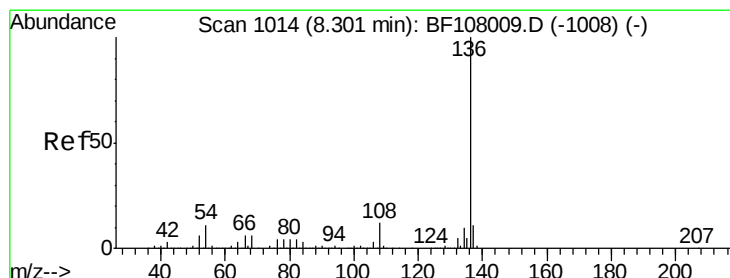
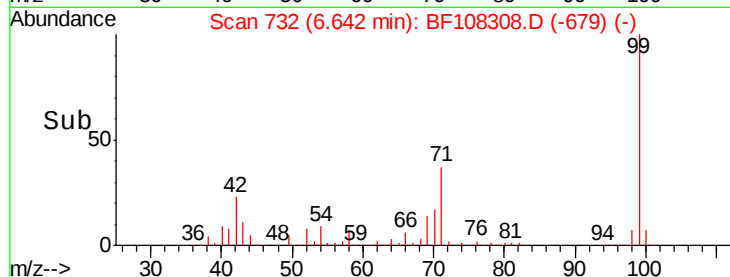
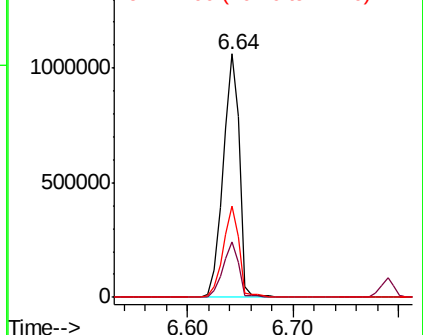
99 100

42 22.8 14.5 21.7#

71 37.4 25.4 38.0



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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

Tgt Ion: 136 Resp: 635835

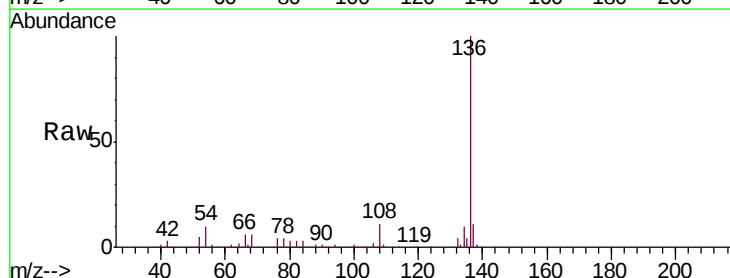
Ion Ratio Lower Upper

136 100

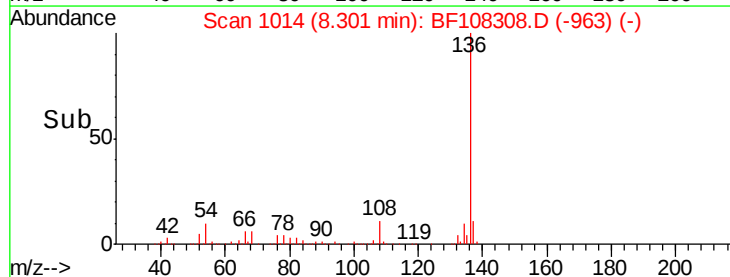
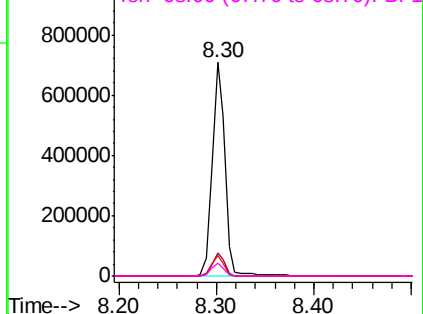
137 11.1 8.9 13.3

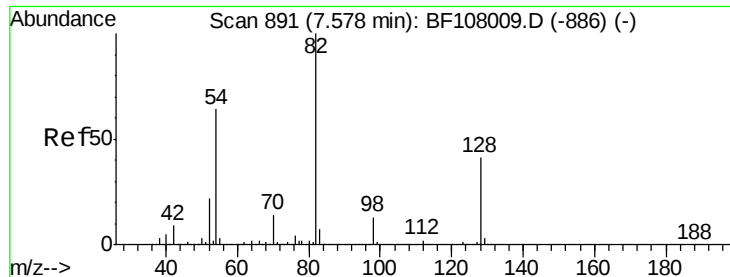
54 9.6 6.6 9.8

68 5.9 5.0 7.4



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

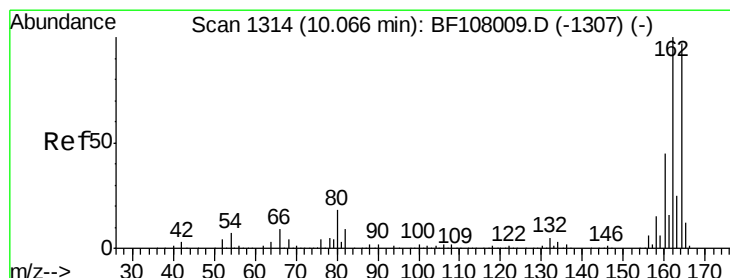
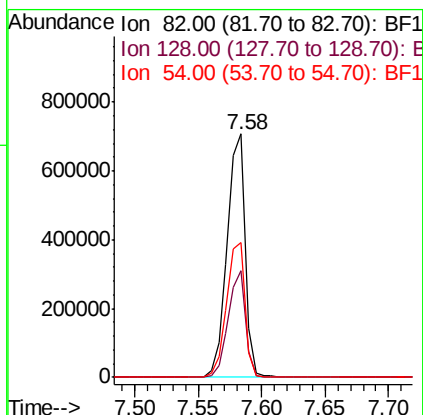
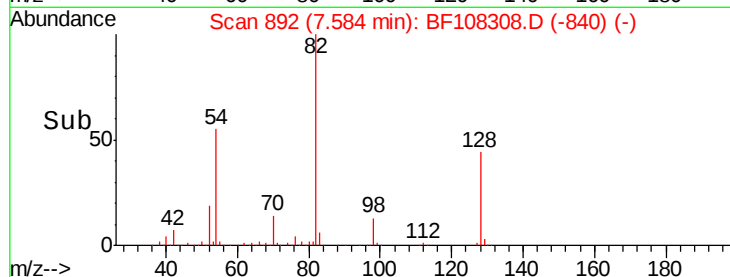
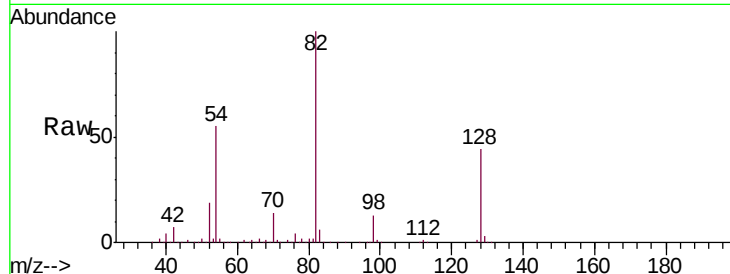




#23
 Nitrobenzene-d5
 Concen: 61.423 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108308.D
 Acq: 20 Aug 2018 23:28

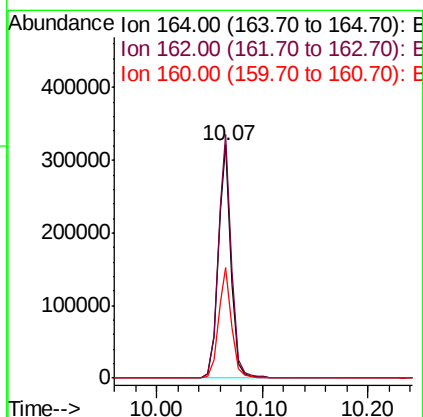
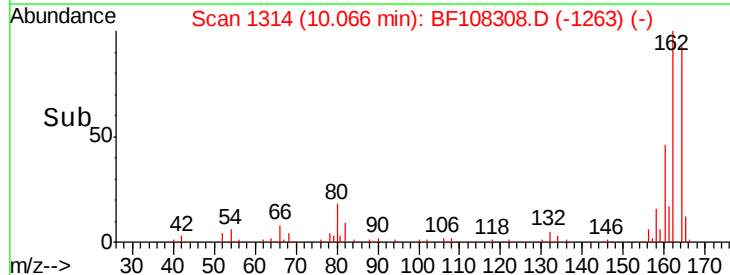
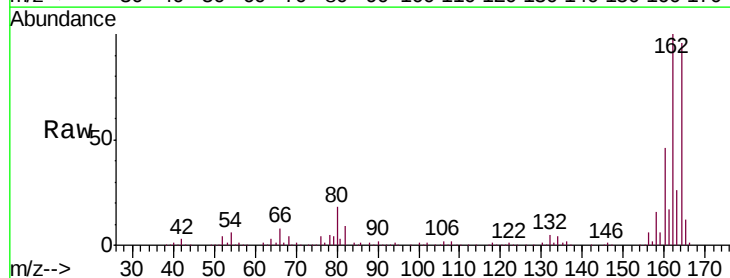
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020

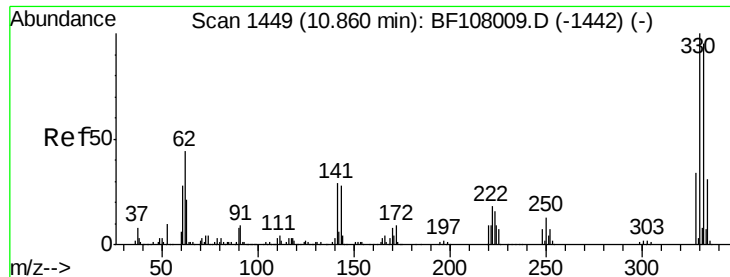
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	55.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108308.D
 Acq: 20 Aug 2018 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.6	38.3	57.5

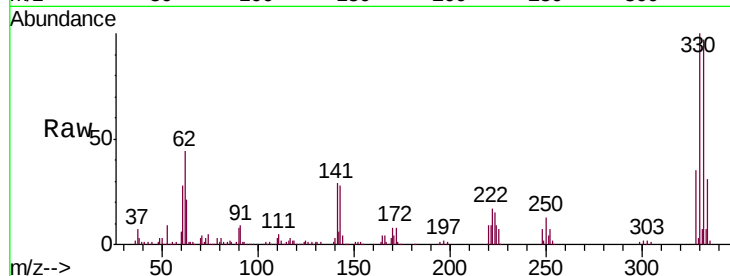




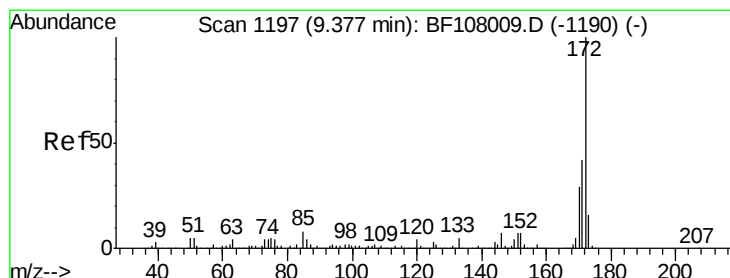
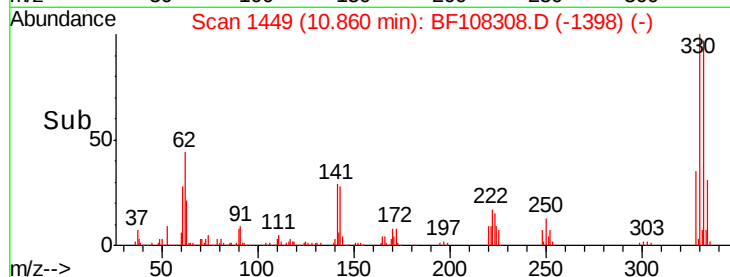
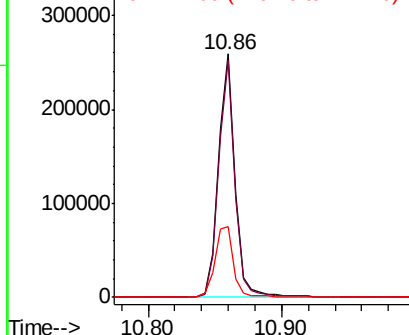
#41
 2,4,6-Tribromophenol
 Concen: 83.003 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108308.D
 Acq: 20 Aug 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020

Tgt Ion: 330 Resp: 228928
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 33.1 29.9 44.9

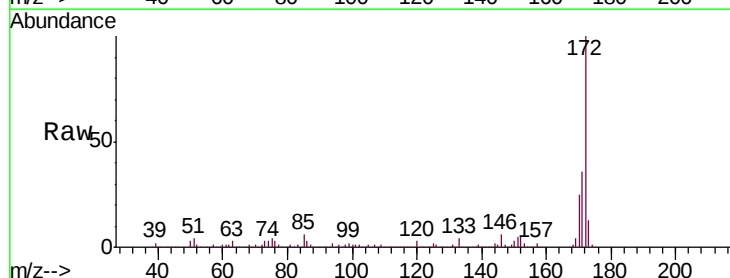


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

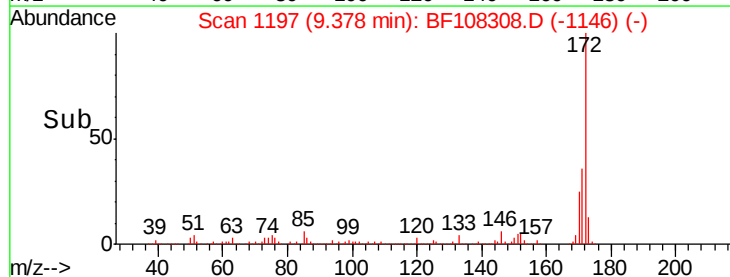
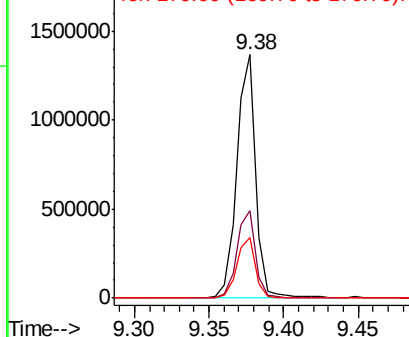


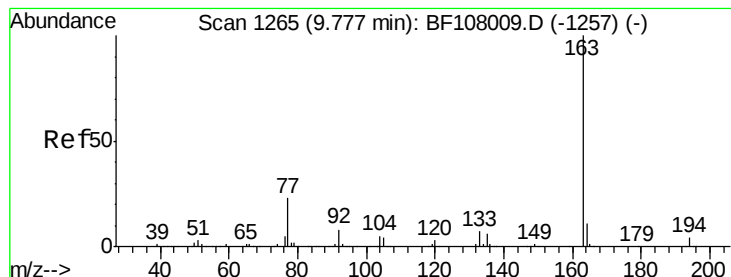
#44
 2-Fluorobiphenyl
 Concen: 70.813 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108308.D
 Acq: 20 Aug 2018 23:28

Tgt Ion: 172 Resp: 1219596
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.7 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.620 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020

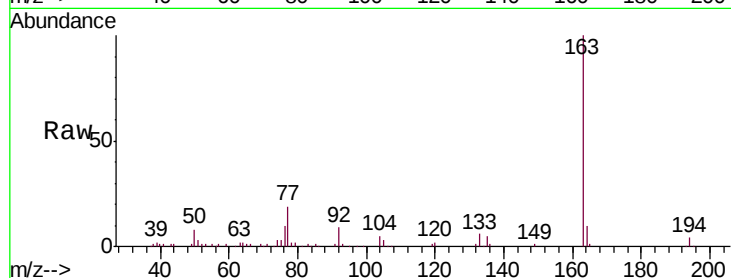
Tgt Ion:163 Resp: 88989

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

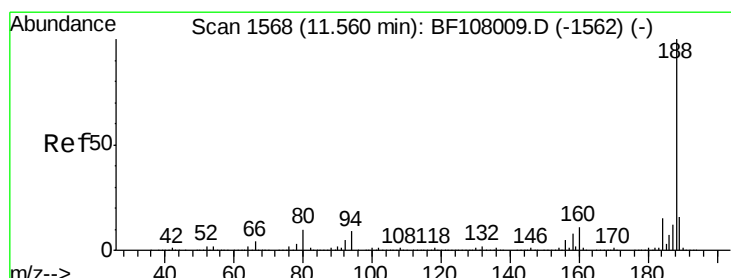
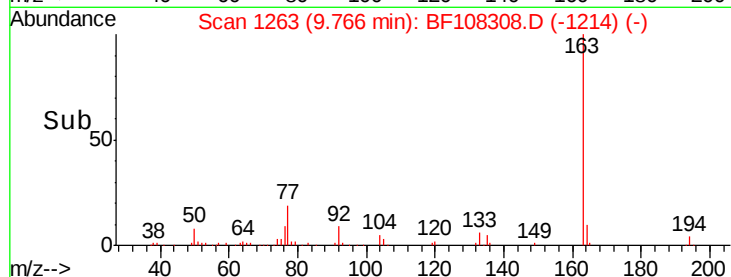
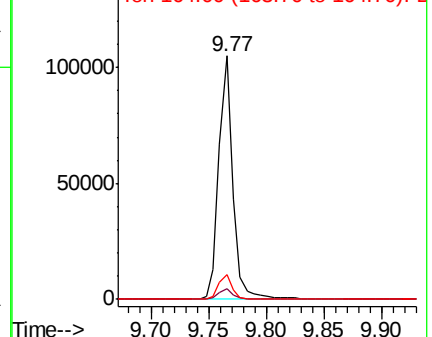
164 10.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

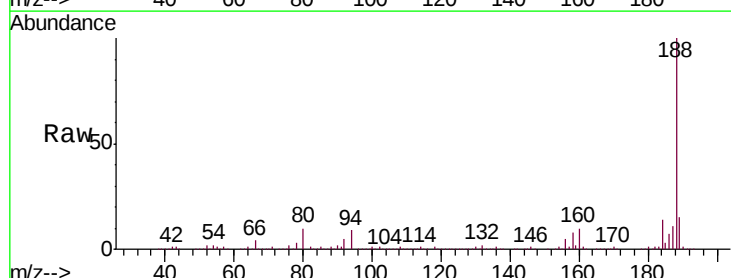
Tgt Ion:188 Resp: 472408

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

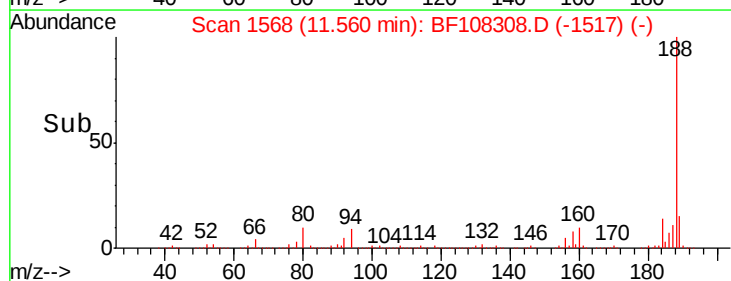
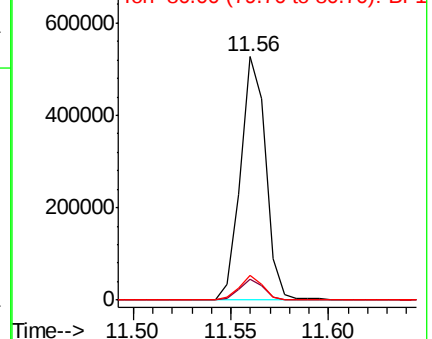
80 10.0 9.2 13.8

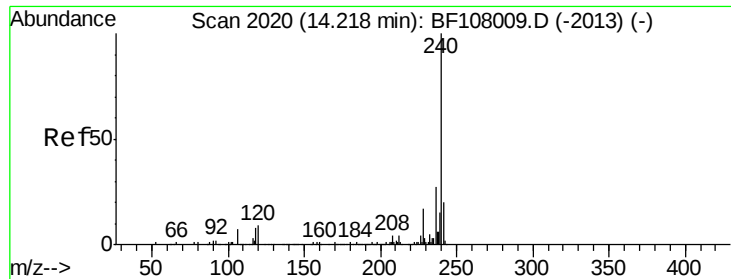


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

Instrument :

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ClientSampleId :

RA-081318-FL-020

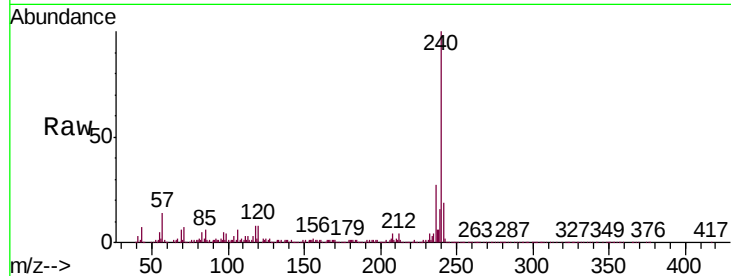
Tgt Ion:240 Resp: 307401

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

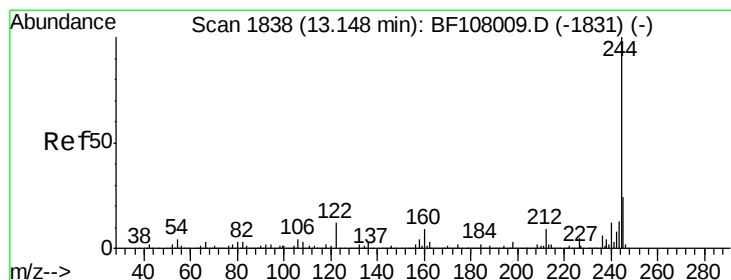
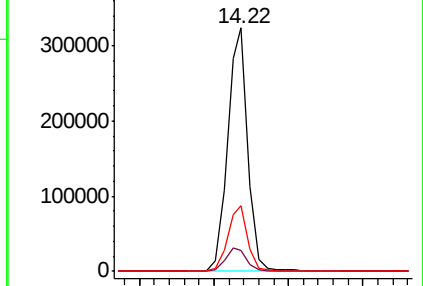
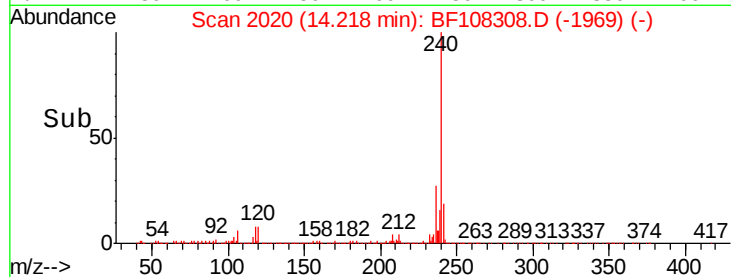
236 27.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 78.086 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108308.D

Acq: 20 Aug 2018 23:28

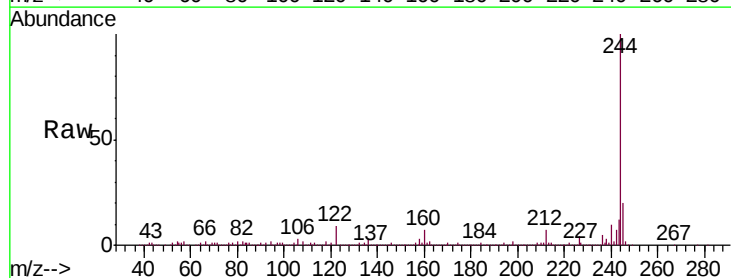
Tgt Ion:244 Resp: 944077

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

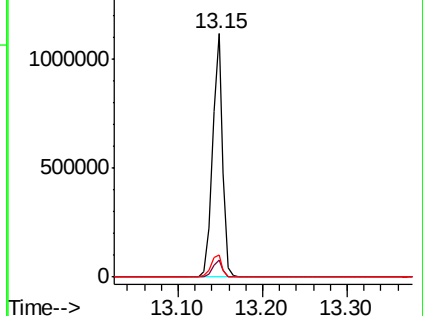
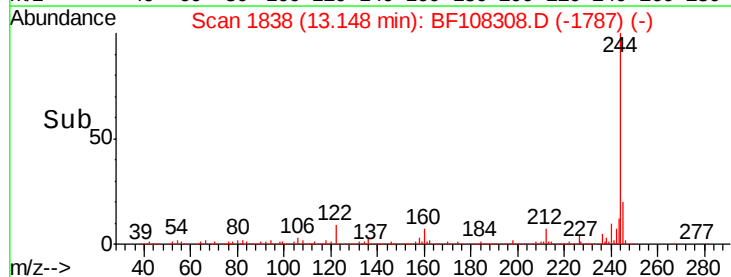
122 9.4 11.0 16.4#

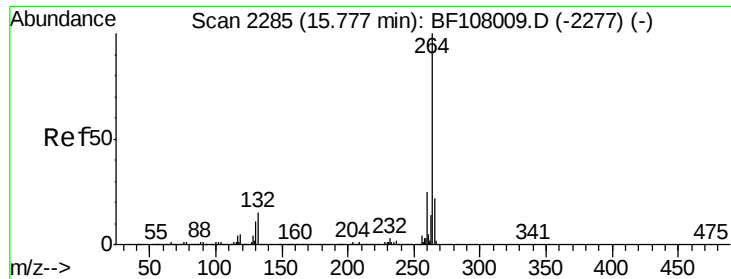


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

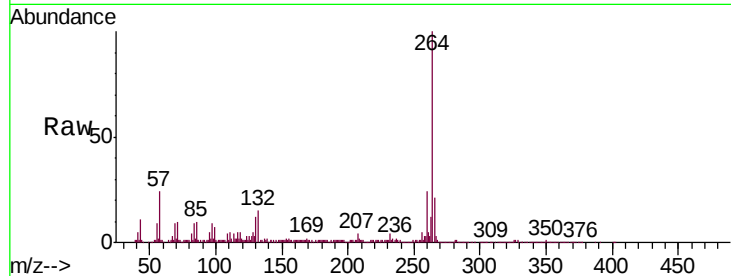




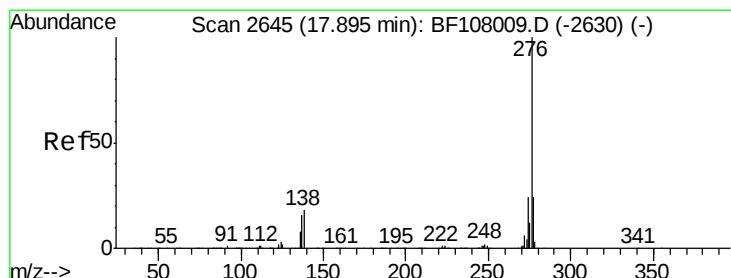
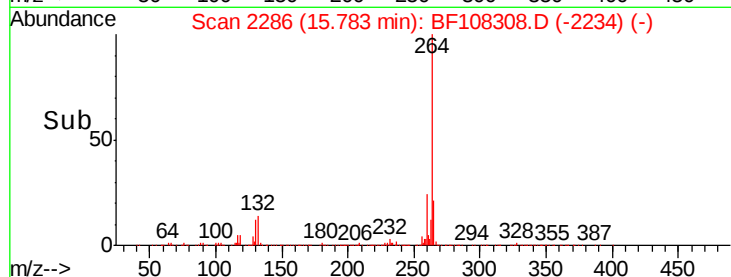
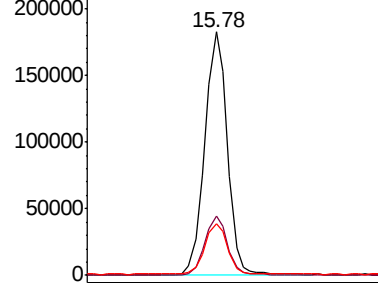
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108308.D
Acq: 20 Aug 2018 23:28

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

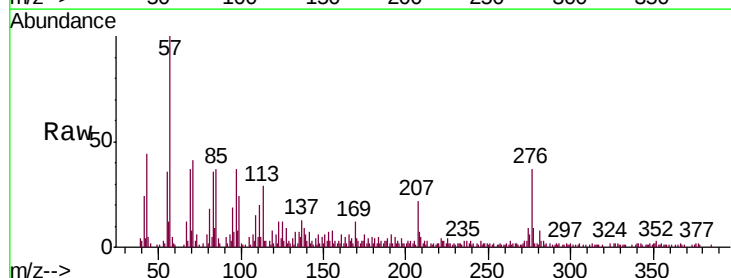


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.469 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108308.D
Acq: 20 Aug 2018 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	23.9	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

