

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108112.D
 Acq On : 13 Aug 2018 13:24
 Operator : JU/SJ
 Sample : PB111971BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BL

Quant Time: Aug 13 15:32:55 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	265176	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	998102	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	516850	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1059629	20.00	ng	0.00
75) Chrysene-d12	14.22	240	911926	20.00	ng	0.00
86) Perylene-d12	15.80	264	749615	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1782657	121.71	ng	0.02
7) Phenol-d6	6.64	99	2310422	118.70	ng	0.01
23) Nitrobenzene-d5	7.58	82	1569728	87.76	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	729439	141.49	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2866051	89.03	ng	0.00
78) Terphenyl-d14	13.16	244	3321501	92.61	ng	0.01

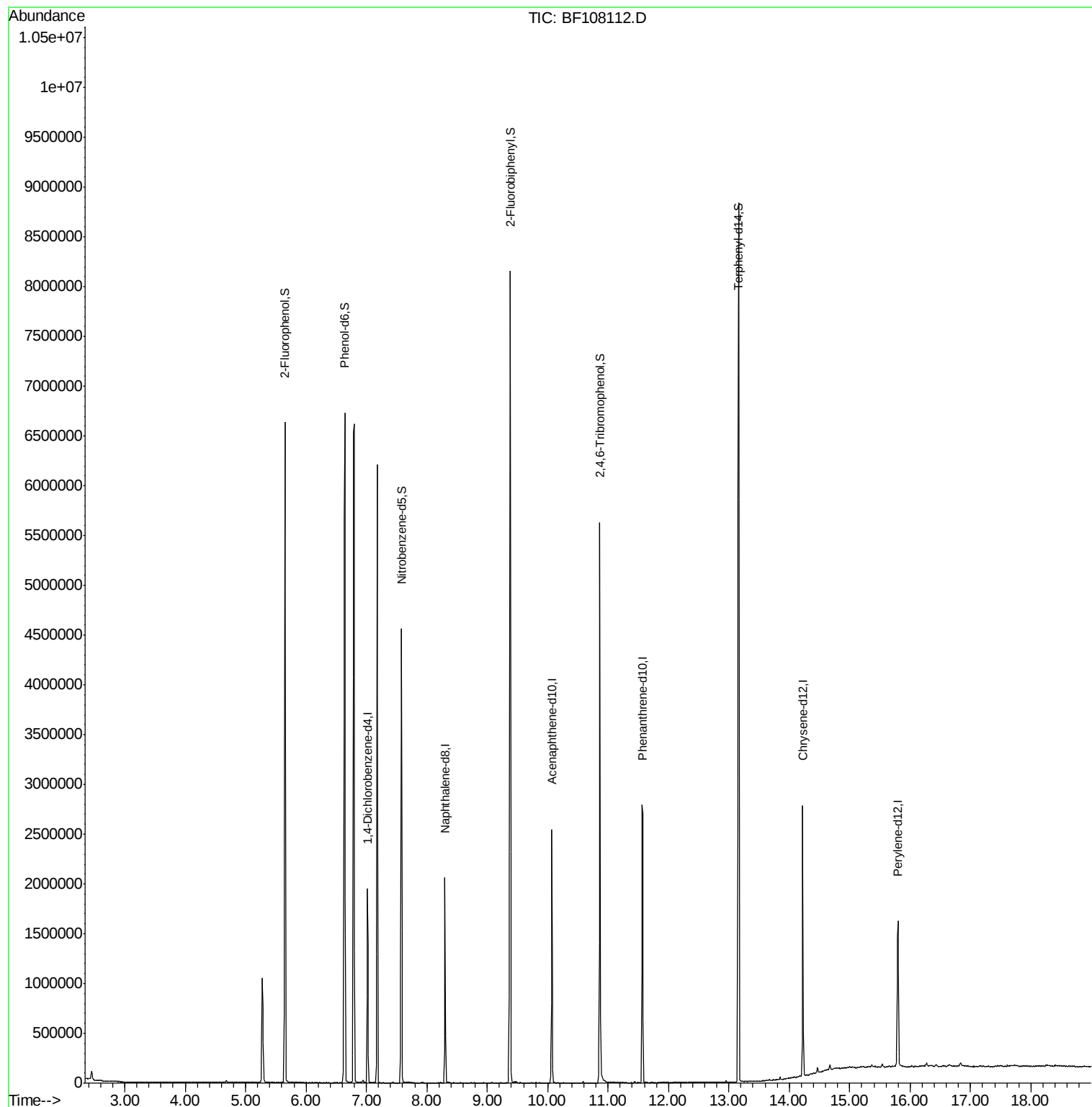
Target Compounds	Qvalue
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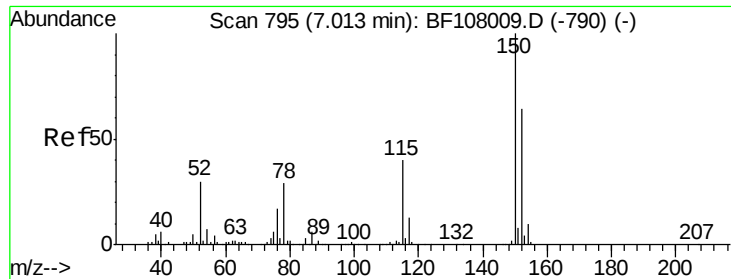
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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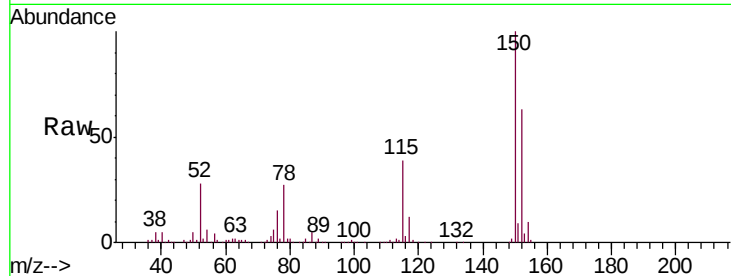


#1

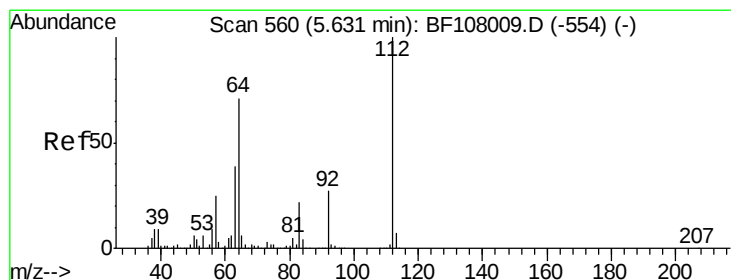
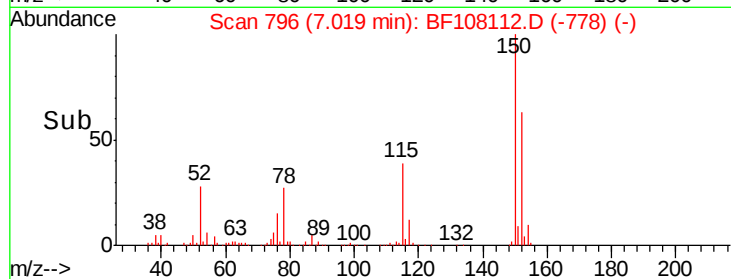
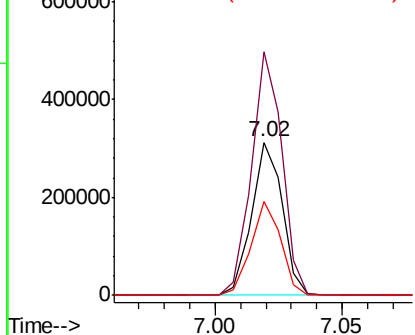
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :
PB111971BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	61.3	50.1	75.1



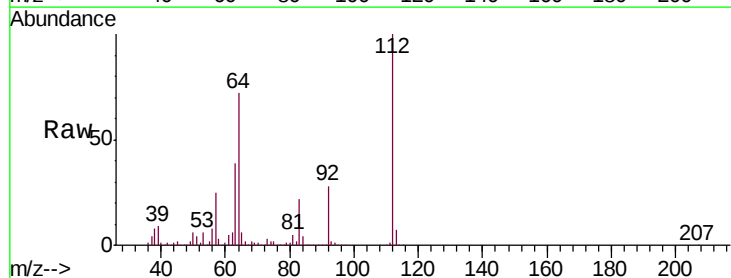
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



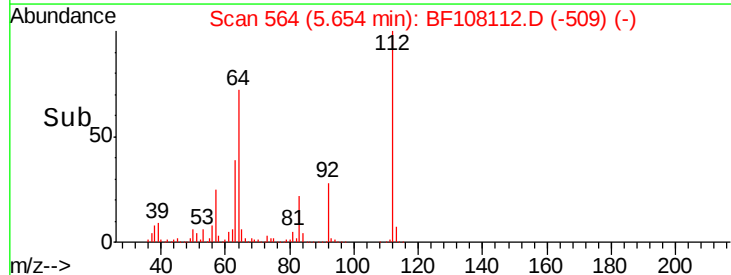
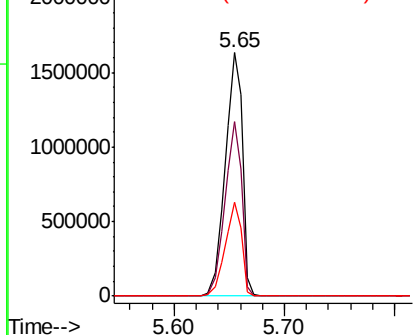
#5

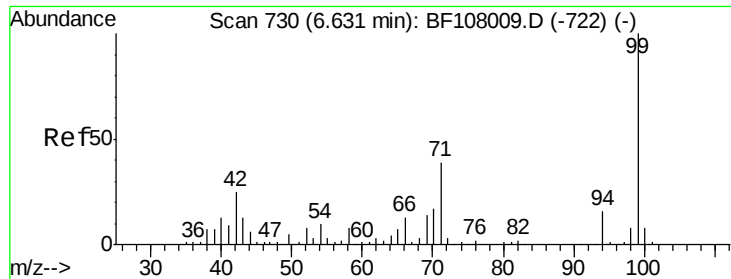
2-Fluorophenol
Concen: 121.709 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	47.9	71.9
63	38.7	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: 118.704 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

Instrument :

BNA_F

ClientSampleId :

PB111971BL

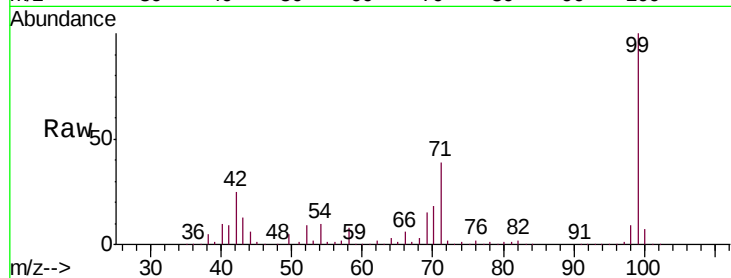
Tgt Ion: 99 Resp: 2310422

Ion Ratio Lower Upper

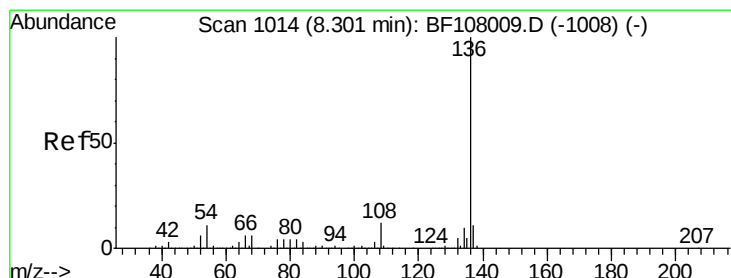
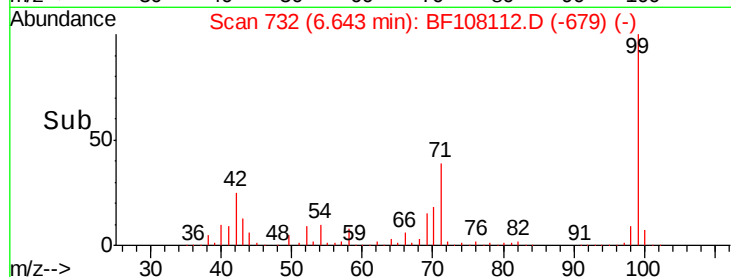
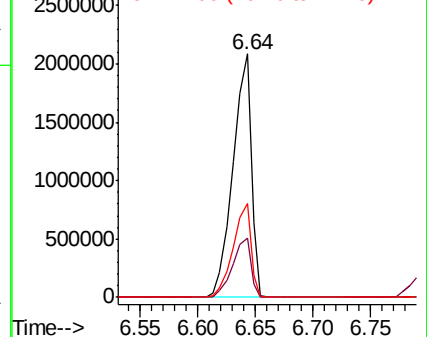
99 100

42 24.6 14.5 21.7#

71 38.7 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: BF108112.D

Acq: 13 Aug 2018 13:24

Tgt Ion: 136 Resp: 998102

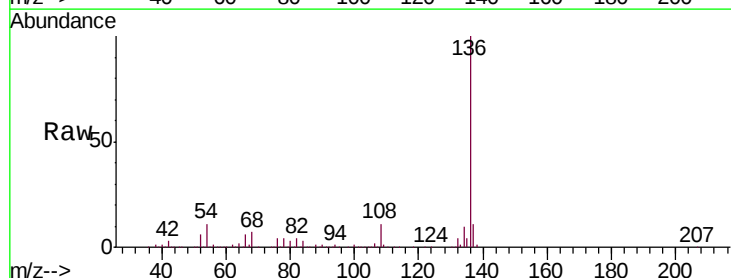
Ion Ratio Lower Upper

136 100

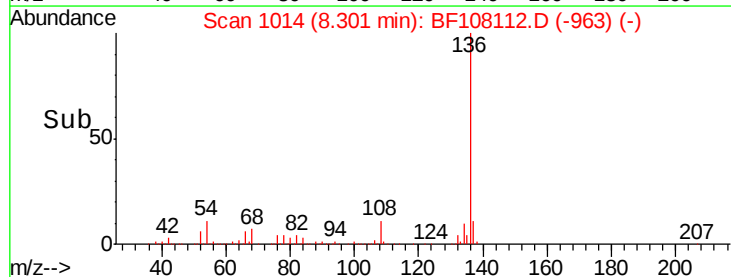
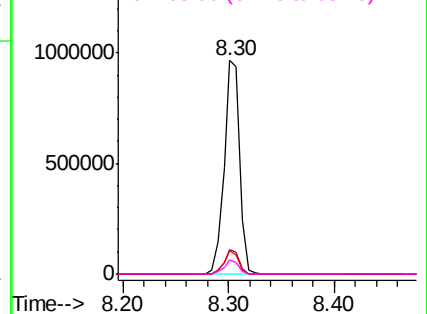
137 11.3 8.9 13.3

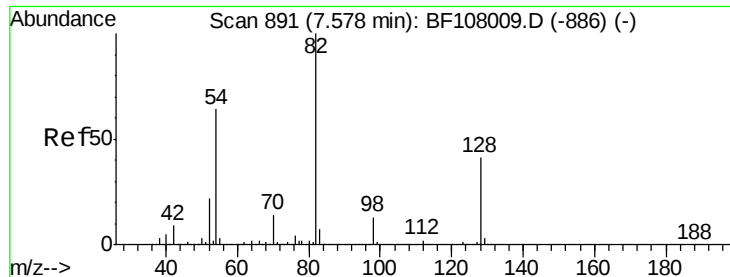
54 10.7 6.6 9.8#

68 6.9 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

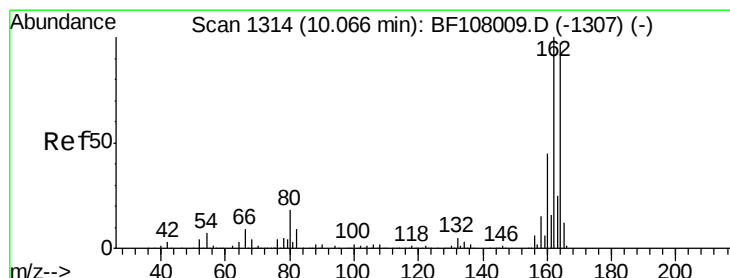
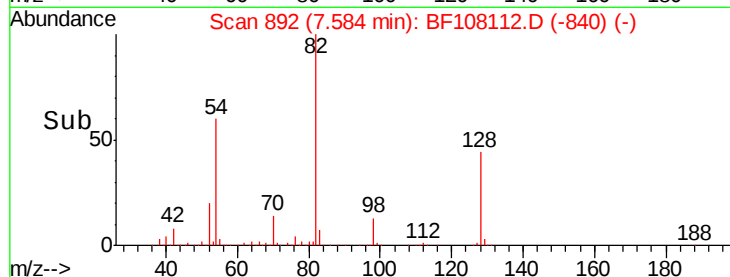
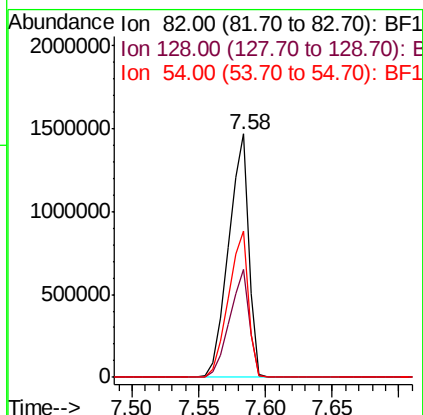
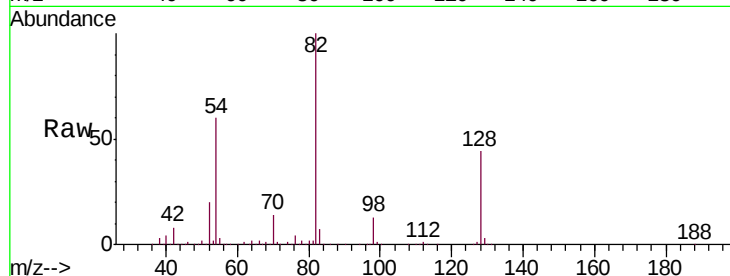




#23
 Nitrobenzene-d5
 Concen: 87.760 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

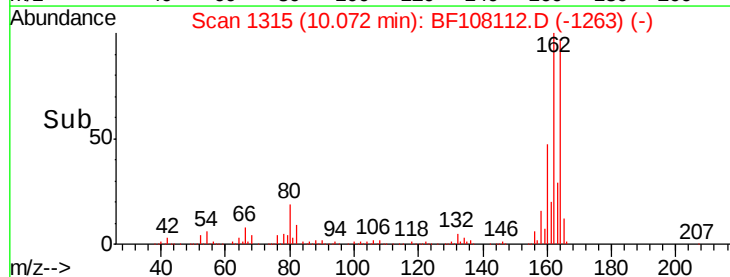
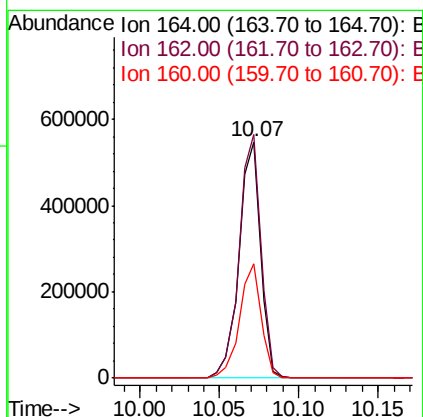
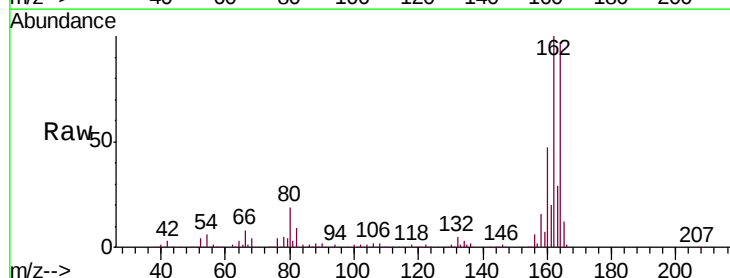
Instrument :
 BNA_F
 ClientSampleId :
 PB111971BL

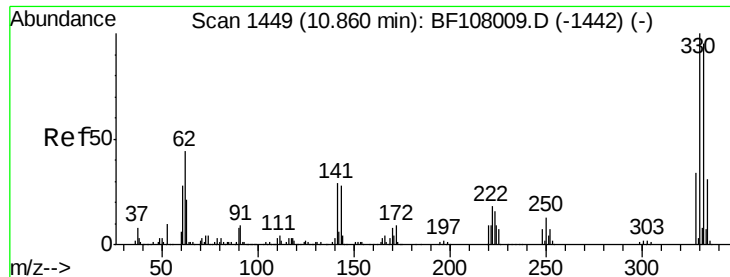
Tgt Ion: 82 Resp: 1569728
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 60.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Tgt Ion: 164 Resp: 516850
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 48.5 38.3 57.5

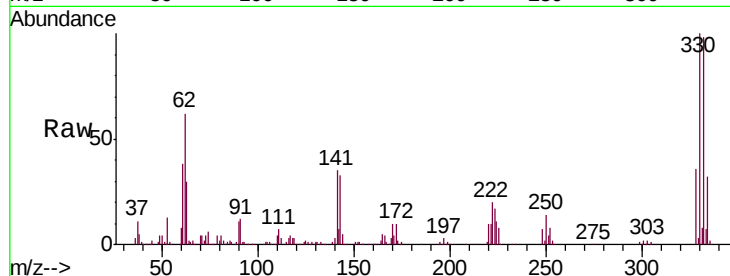




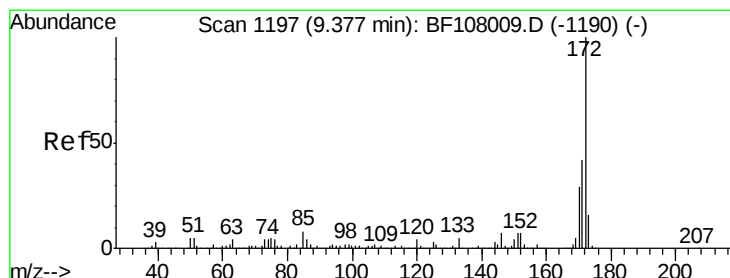
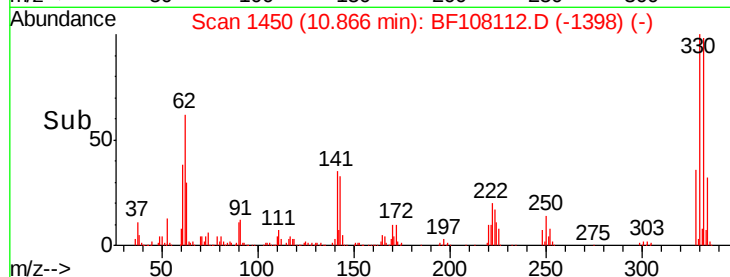
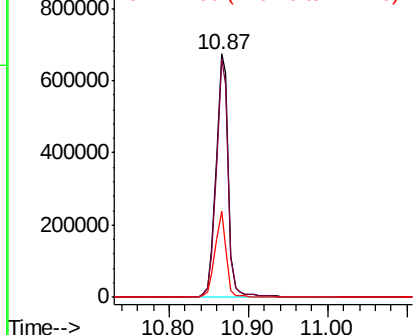
#41
 2,4,6-Tribromophenol
 Concen: 141.489 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BL

Tgt Ion:330 Resp: 729439
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.5 29.9 44.9

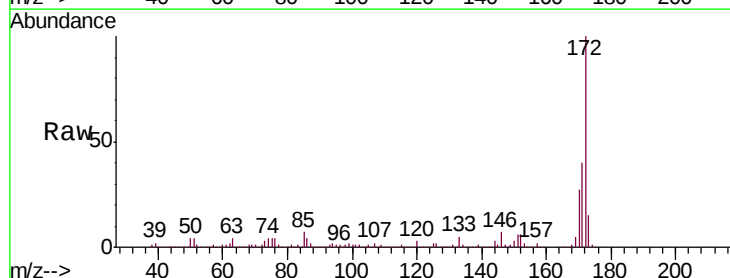


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

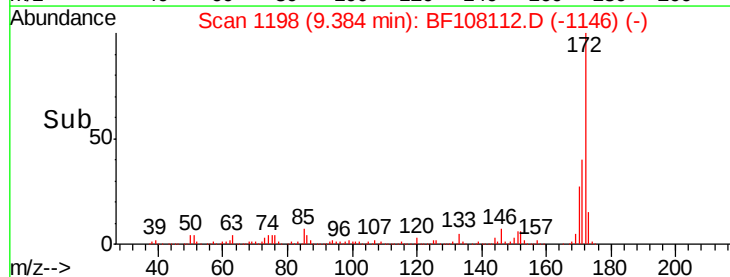
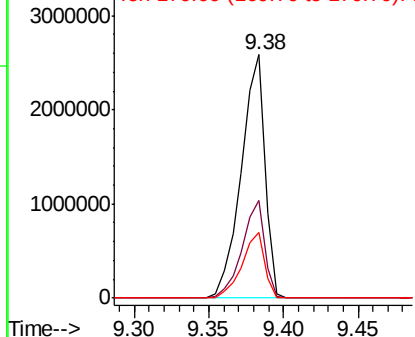


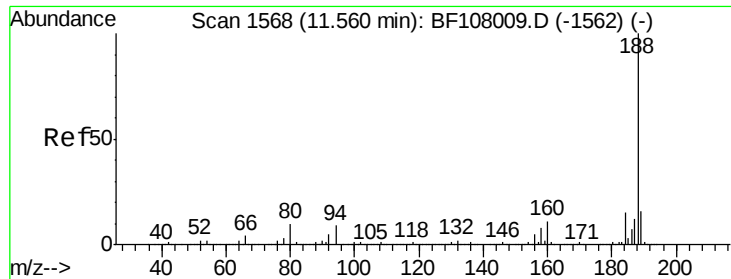
#44
 2-Fluorobiphenyl
 Concen: 89.027 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Tgt Ion:172 Resp: 2866051
 Ion Ratio Lower Upper
 172 100
 171 40.0 29.7 44.5
 170 27.1 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

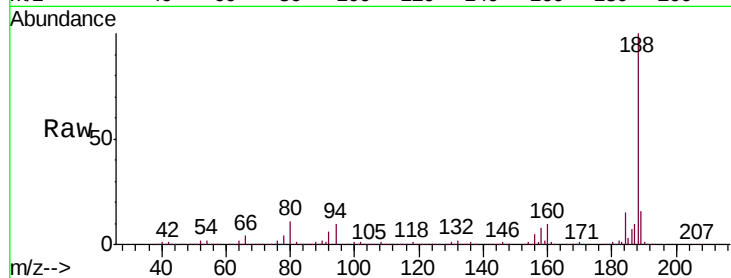




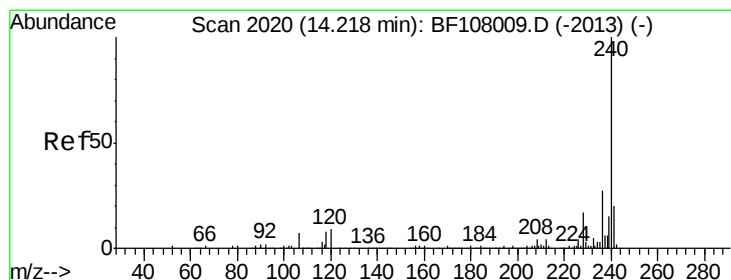
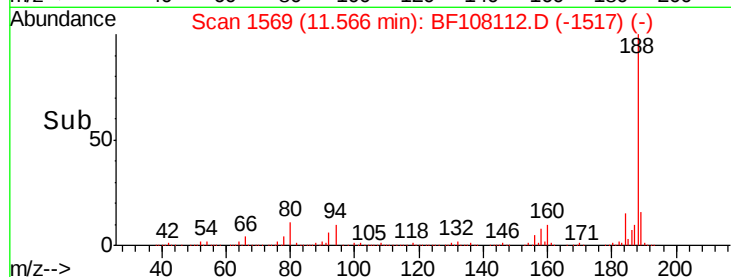
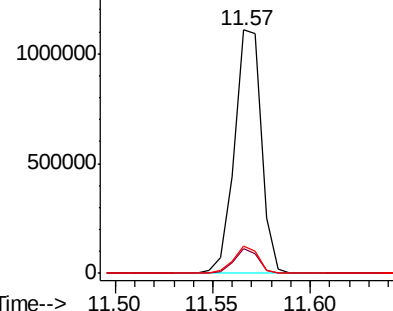
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :
PB111971BL

Tgt Ion:188 Resp: 1059629
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8

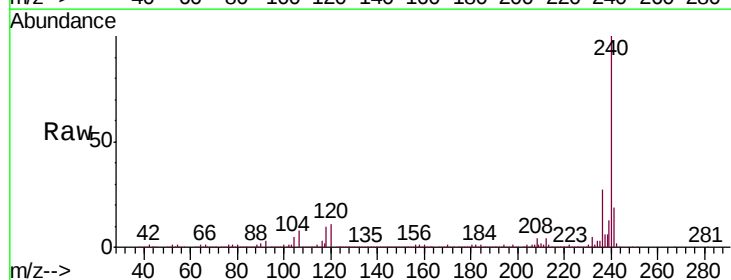


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

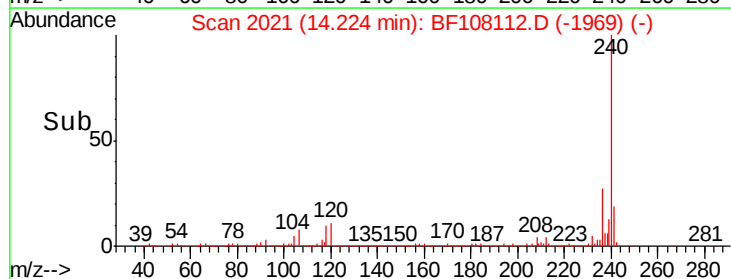
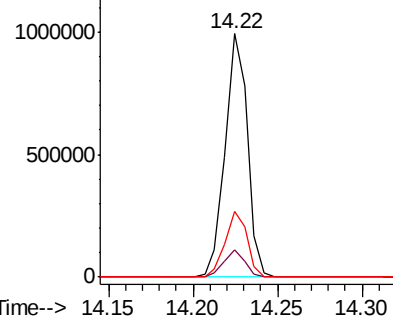


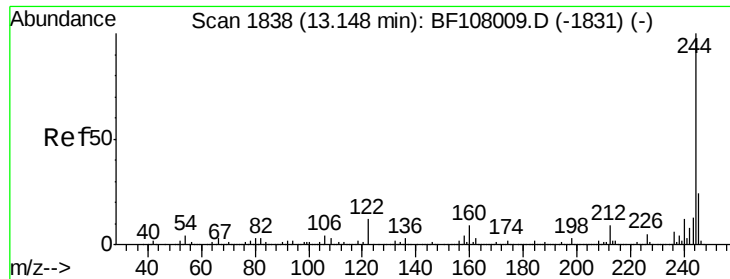
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:240 Resp: 911926
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.8 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

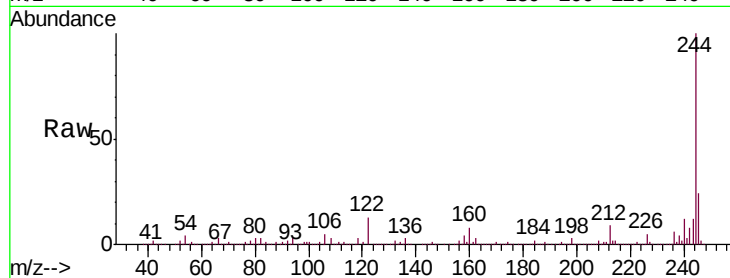




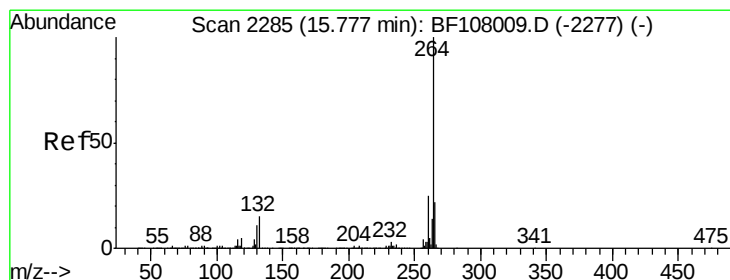
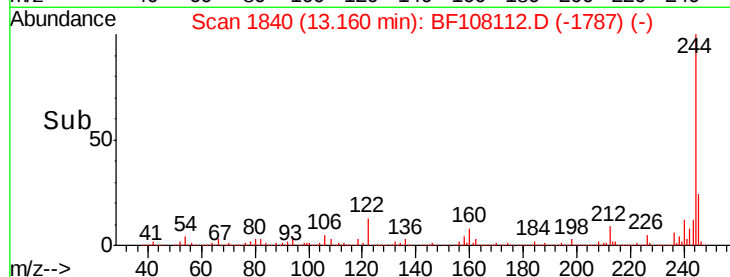
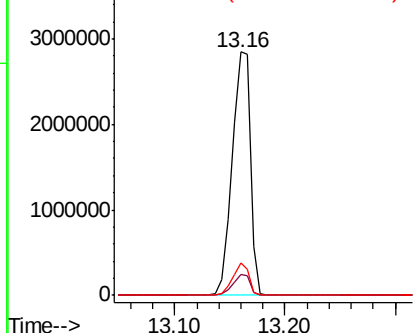
#78
 Terphenyl-d14
 Concen: 92.608 ng
 RT: 13.16 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BL

Tgt Ion:244 Resp: 3321501
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.4 8.0#
 122 13.3 11.0 16.4

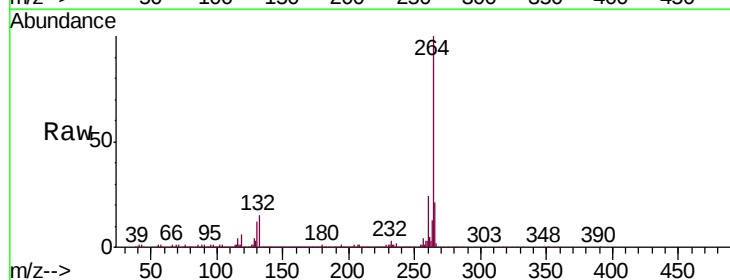


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.80 min Scan# 2289
 Delta R.T. 0.02 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Tgt Ion:264 Resp: 749615
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.6 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

