

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112291.D
 Acq On : 29 Jan 2019 13:25
 Operator : JU/SJ
 Sample : PB116683BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BL

Quant Time: Jan 30 00:16:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174026	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	661562	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323410	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	636580	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	456229	20.00	ng	-0.01
87) Perylene-d12	15.46	264	395803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1243473	151.77	ng	0.00
7) Phenol-d6	6.49	99	1528754	134.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	984747	85.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	461901	122.70	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2000055	87.47	ng	-0.01
79) Terphenyl-d14	12.94	244	2093565	86.43	ng	0.00

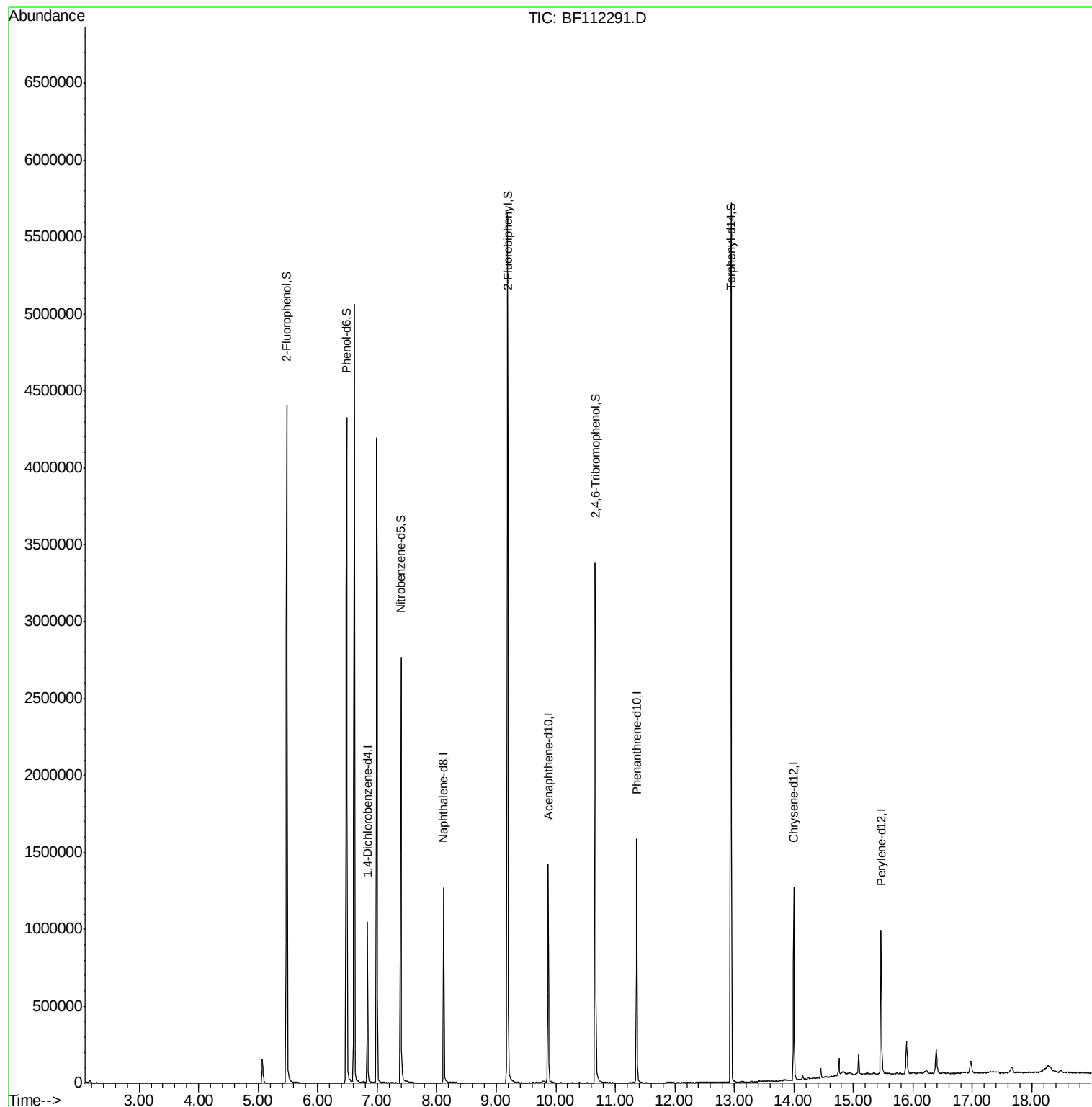
Target Compounds Qvalue

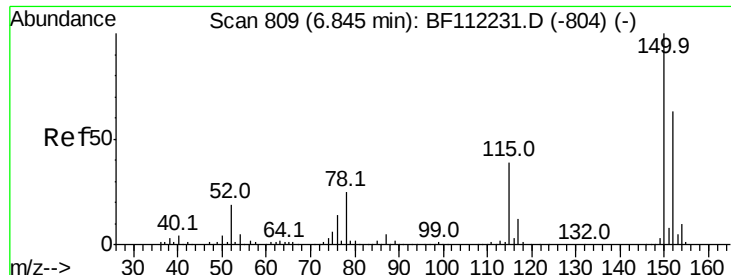
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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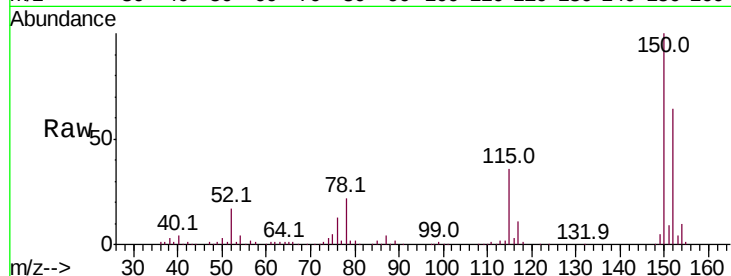


#1

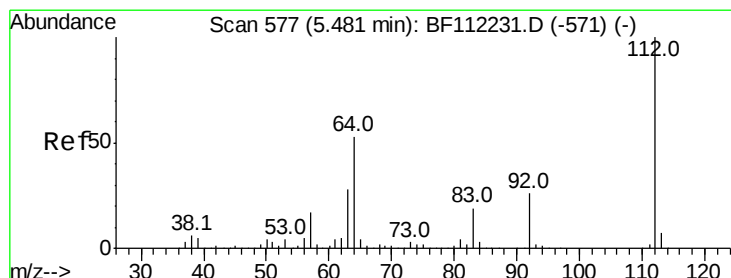
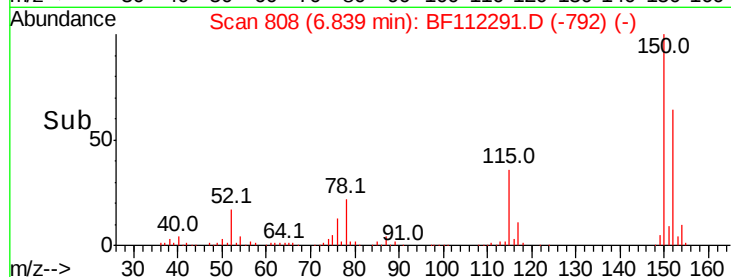
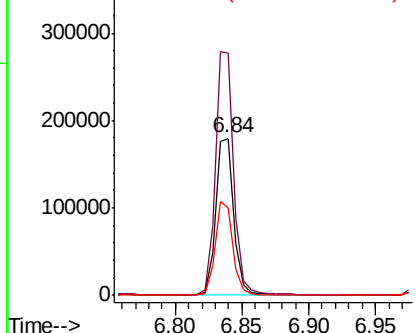
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BL

Tot Ion:152 Resp: 174026
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.4 191.0
 115 55.9 45.5 68.3



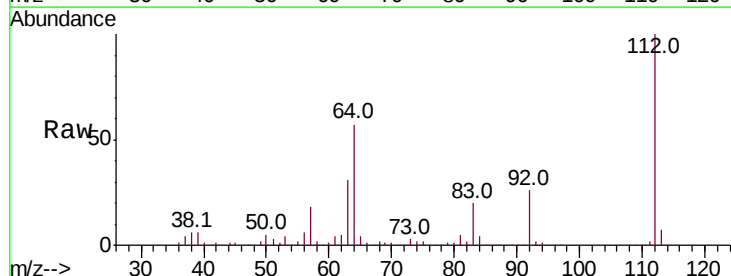
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



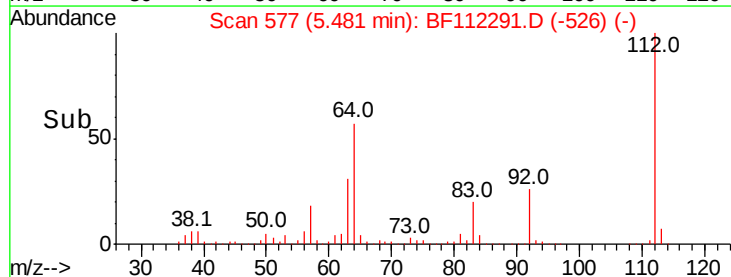
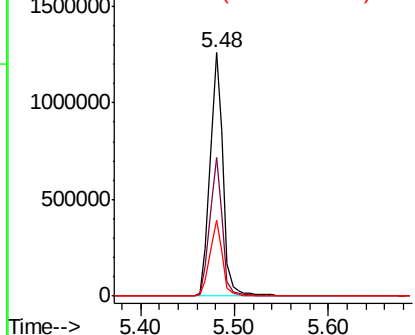
#5

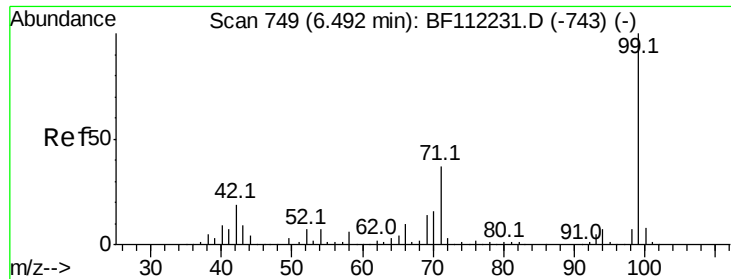
2-Fluorophenol
 Concen: 151.771 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Tgt Ion:112 Resp: 1243473
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.7 68.5
 63 31.1 23.6 35.4



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: 134.282 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112291.D

Acq: 29 Jan 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB116683BL

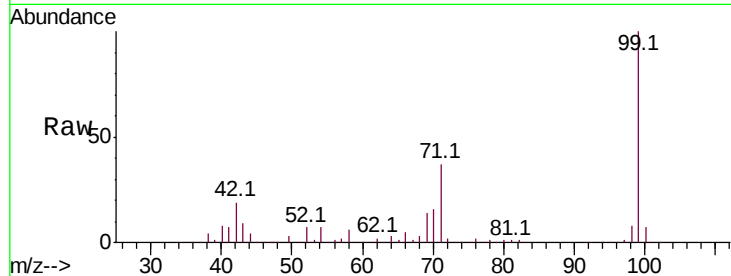
Tot Ion: 99 Resp: 1528754

Ion Ratio Lower Upper

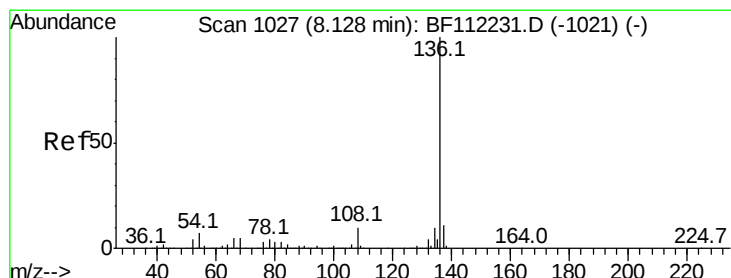
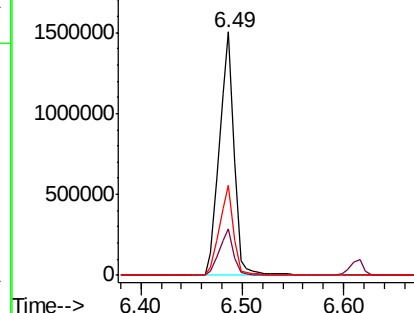
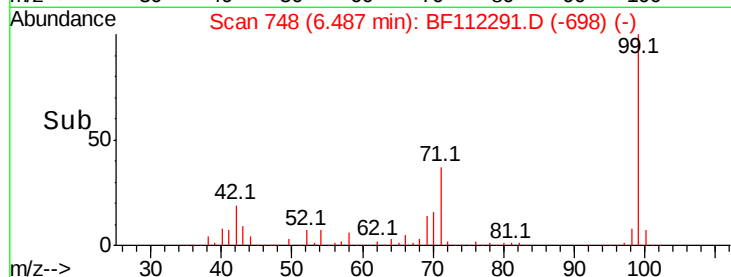
99 100

42 19.1 15.1 22.7

71 36.9 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112291.D

Acq: 29 Jan 2019 13:25

Tgt Ion: 136 Resp: 661562

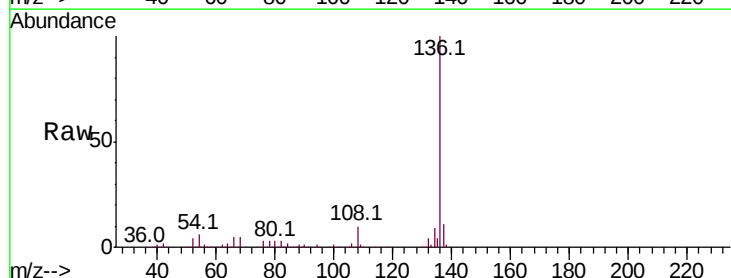
Ion Ratio Lower Upper

136 100

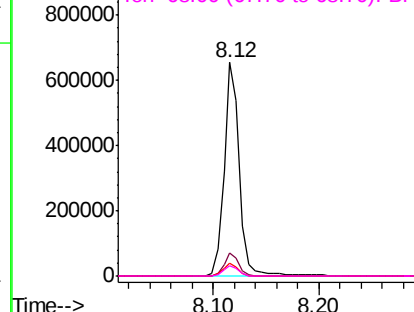
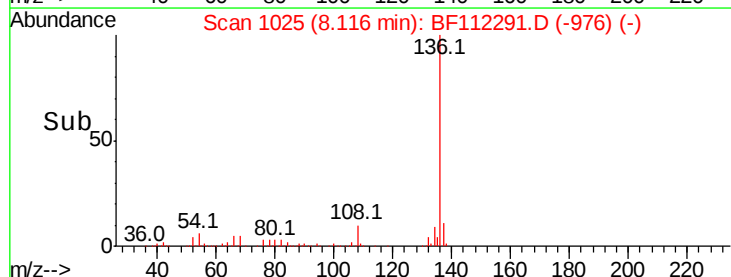
137 11.0 9.1 13.7

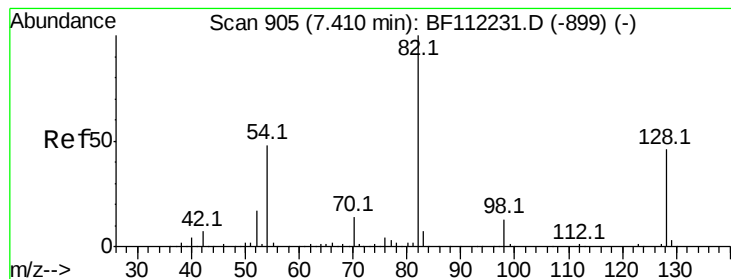
54 6.1 5.9 8.9

68 5.0 5.1 7.7#



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: 85.768 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112291.D

Acq: 29 Jan 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB116683BL

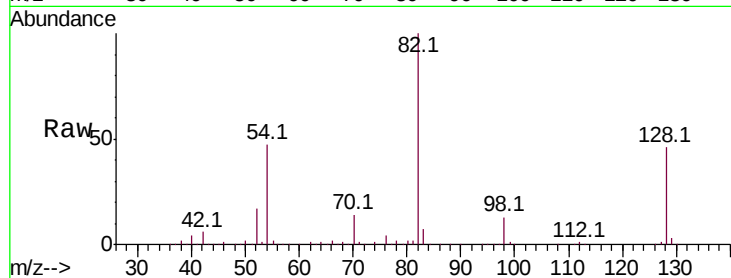
Tot Ion: 82 Resp: 984747

Ion Ratio Lower Upper

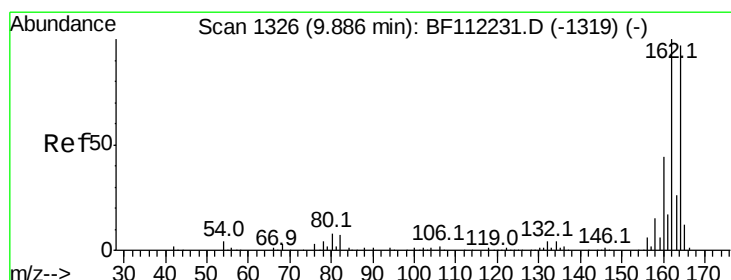
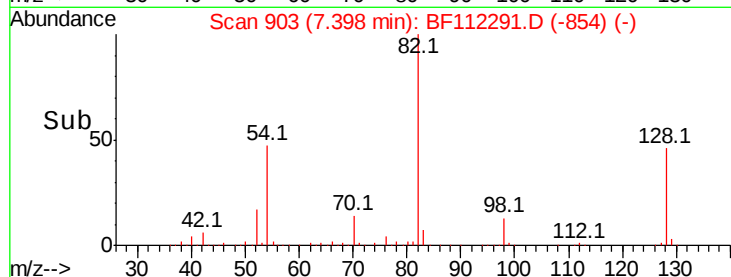
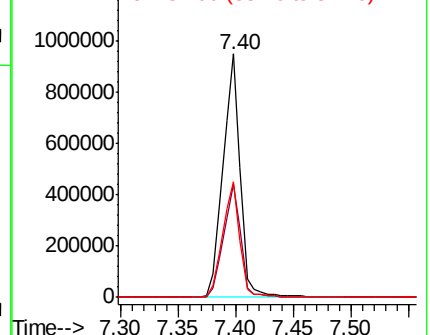
82 100

128 46.3 37.8 56.8

54 47.4 39.7 59.5



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112291.D

Acq: 29 Jan 2019 13:25

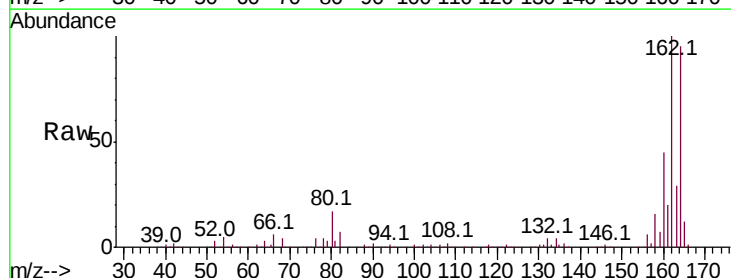
Tgt Ion:164 Resp: 323410

Ion Ratio Lower Upper

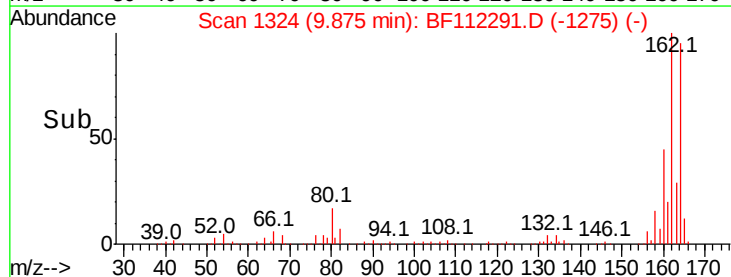
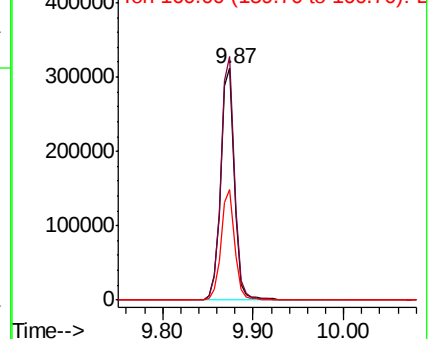
164 100

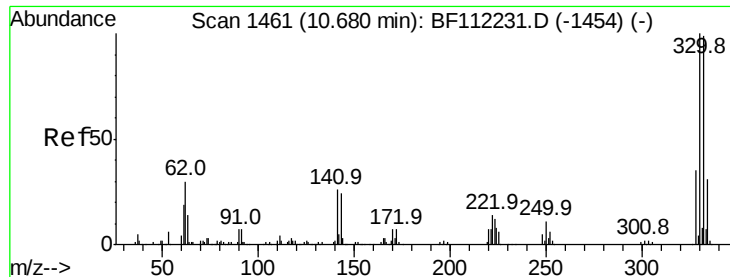
162 105.2 82.2 123.4

160 47.7 36.2 54.4



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

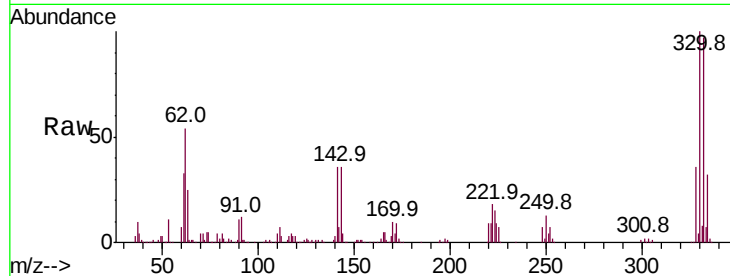




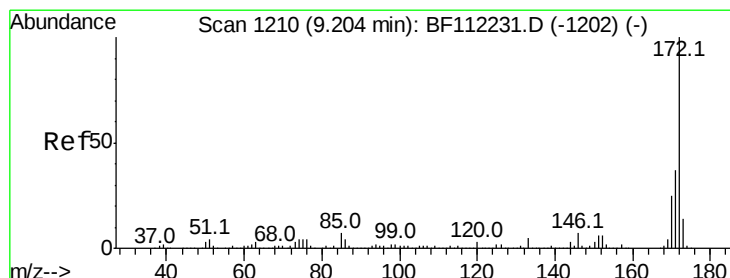
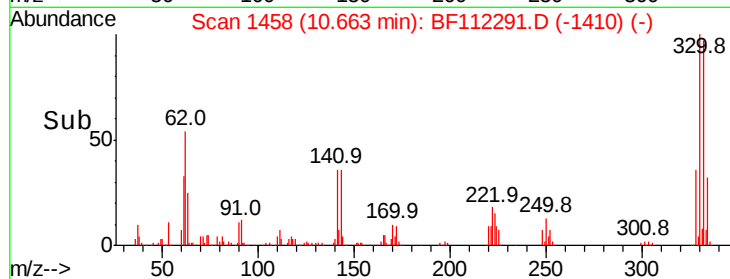
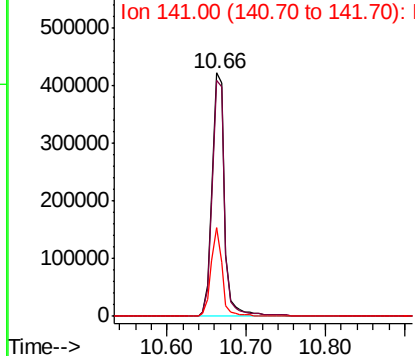
#42
 2,4,6-Tribromophenol
 Concen: 122.702 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.5	24.3	36.5

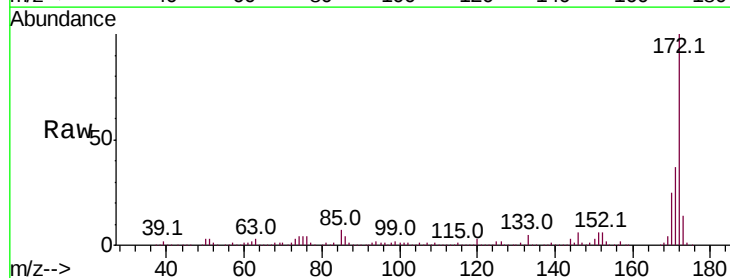


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

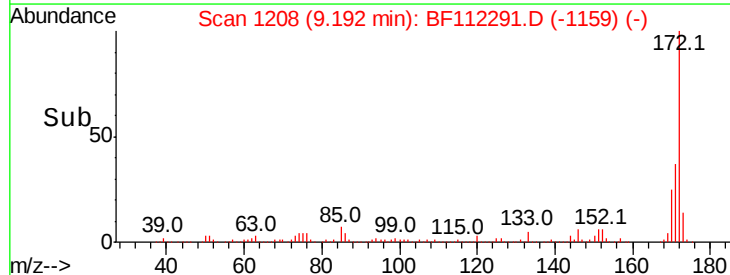
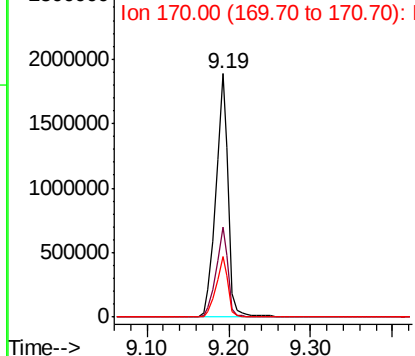


#45
 2-Fluorobiphenyl
 Concen: 87.466 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.4



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

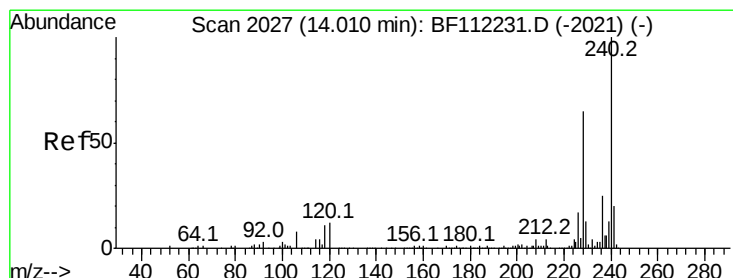
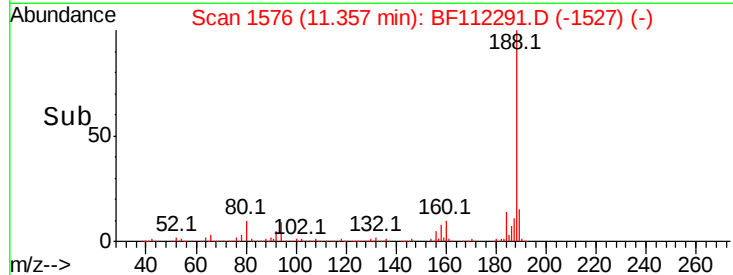
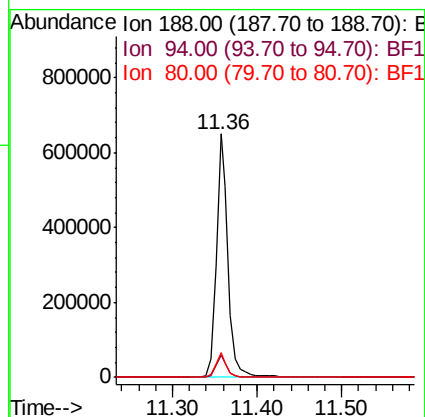
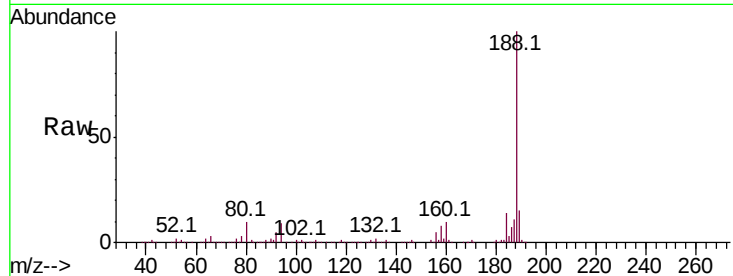




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

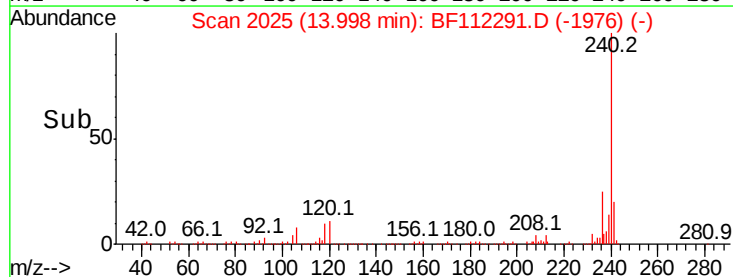
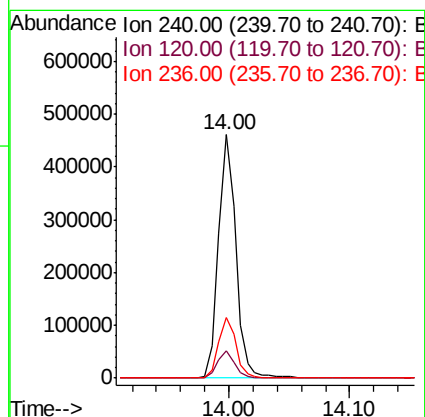
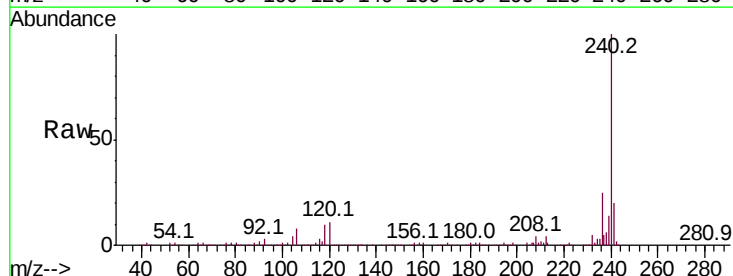
Instrument :
BNA_F
ClientSampleId :
PB116683BL

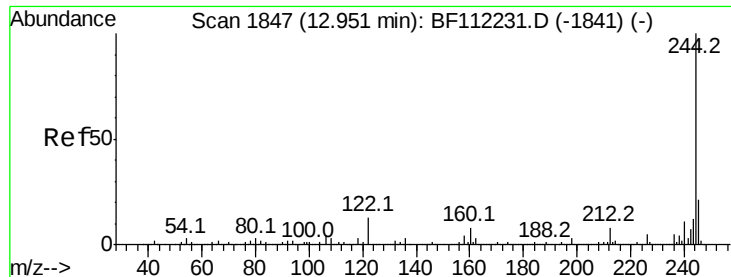
Tot Ion:188 Resp: 636580
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 10.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:240 Resp: 456229
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.0 20.7 31.1

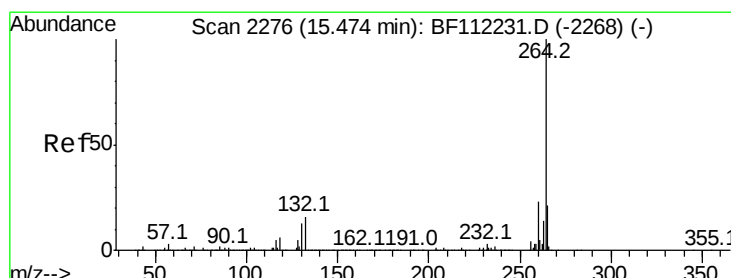
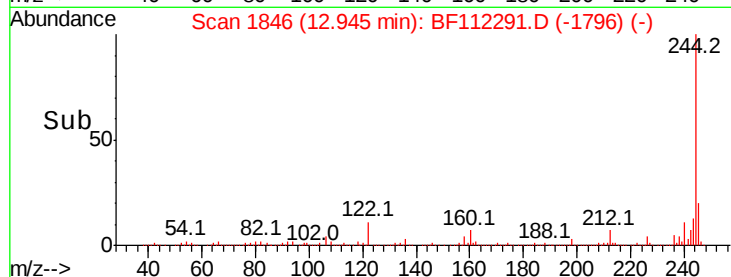
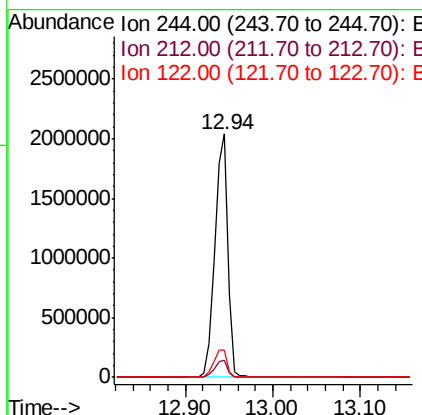
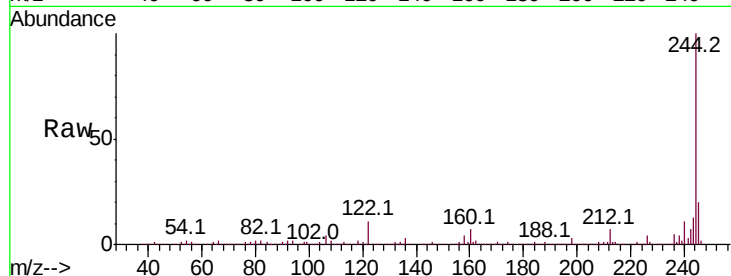




#79
 Terphenyl-d14
 Concen: 86.428 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Instrument :
 BNA_F
 ClientSampleID :
 PB116683BL

Tot Ion:244 Resp: 2093565
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.3 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112291.D
 Acq: 29 Jan 2019 13:25

Tgt Ion:264 Resp: 395803
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.4 17.0 25.4

