

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112144.D
 Acq On : 19 Jan 2019 00:13
 Operator : JU/SJ
 Sample : K1189-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Quant Time: Jan 19 01:10:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

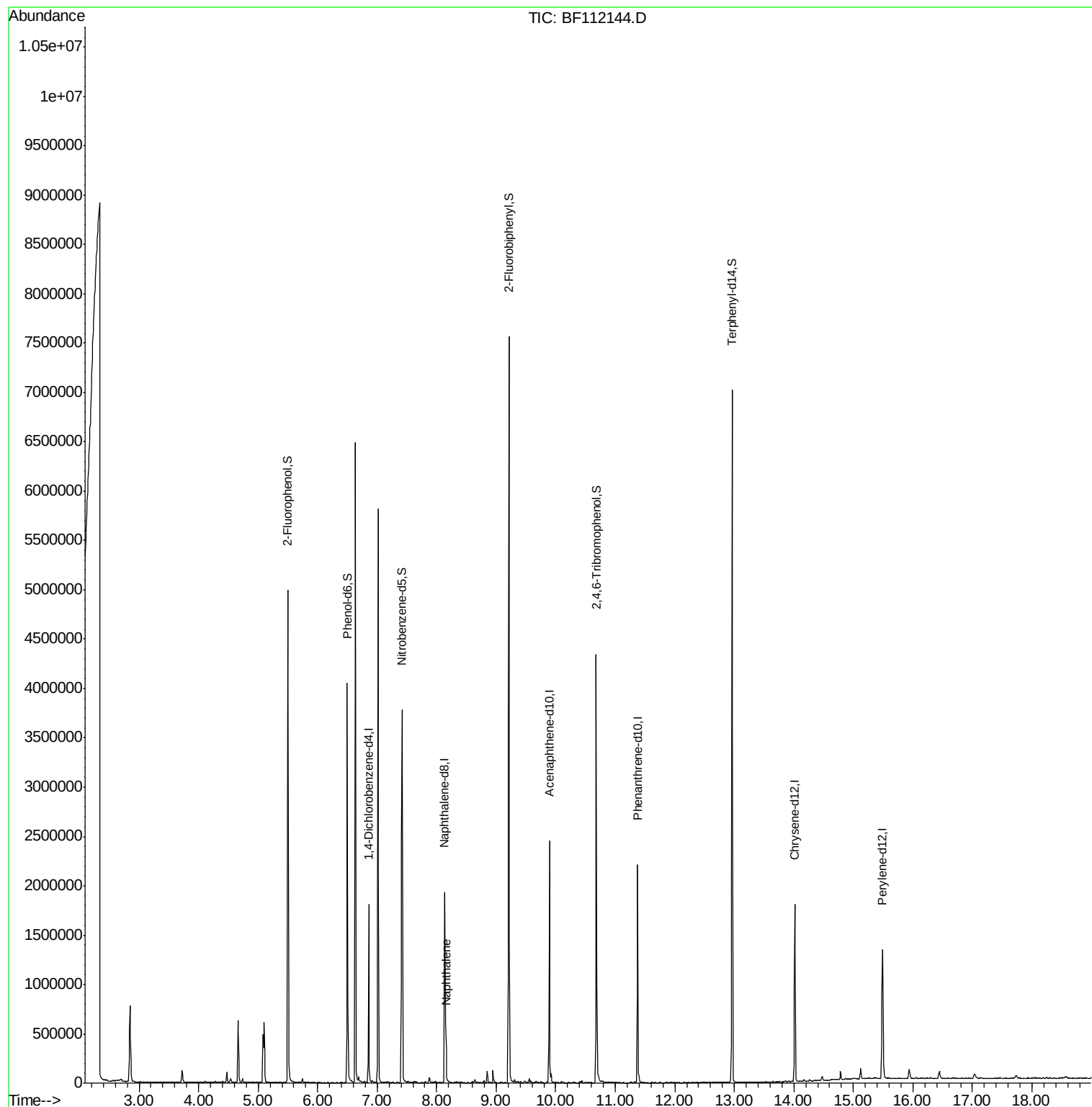
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260263	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	971423	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	463235	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	798814	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	598620	20.00	ng	-0.01
87) Perylene-d12	15.49	264	631897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1428616	99.63	ng	0.00
7) Phenol-d6	6.50	99	1507414	84.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	1354587	96.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	624198	124.91	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2579283	81.63	ng	0.00
79) Terphenyl-d14	12.96	244	2382217	84.66	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	117700	2.664	ng	Qvalue 99

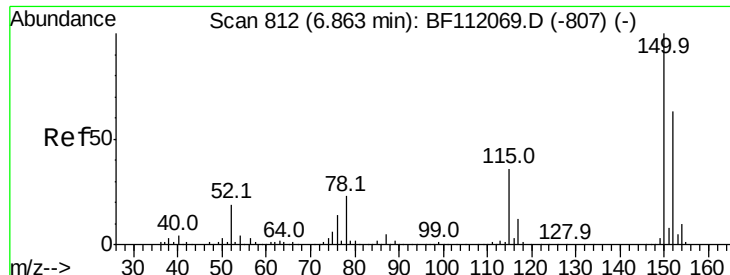
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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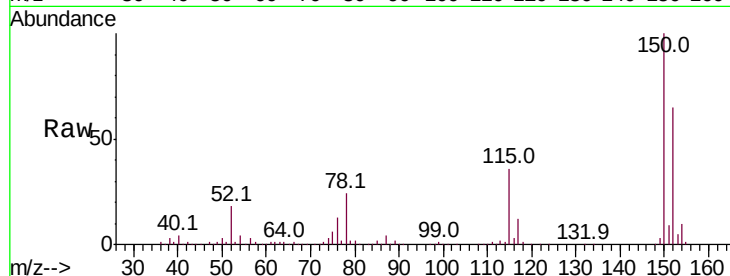


#1

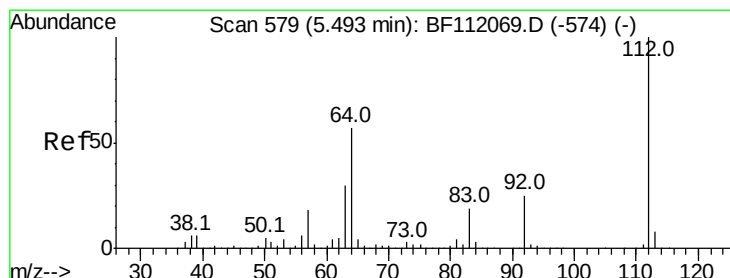
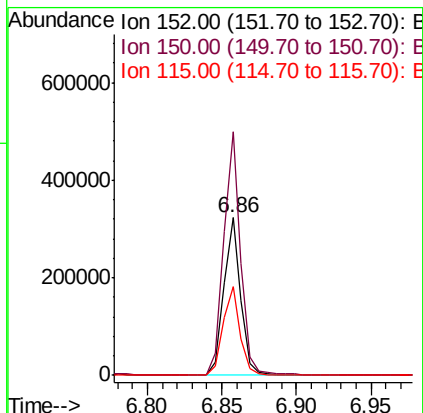
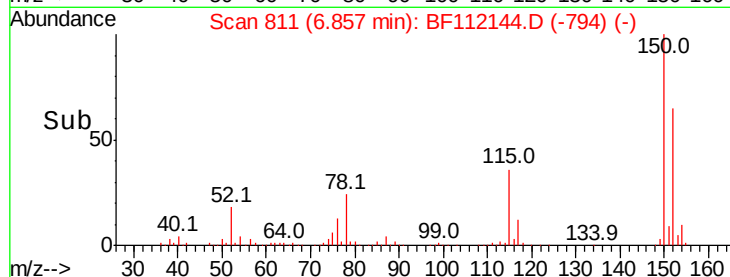
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF112144.D
 Acq: 19 Jan 2019 00:13

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Tot Ion:152 Resp: 260263
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.4 191.0
 115 56.3 45.5 68.3



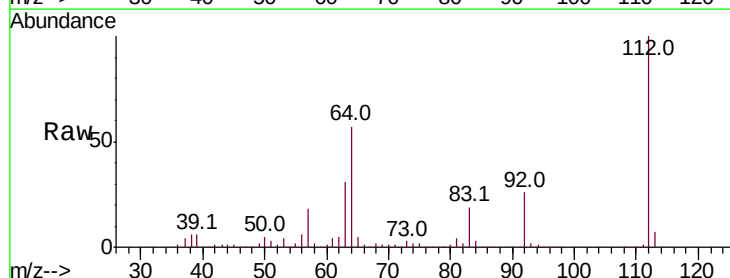
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



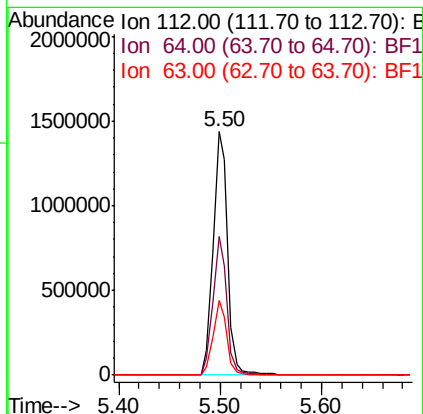
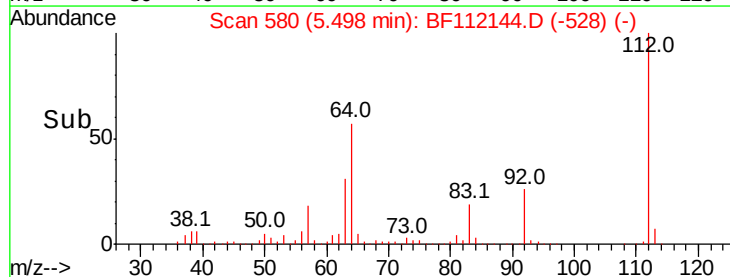
#5

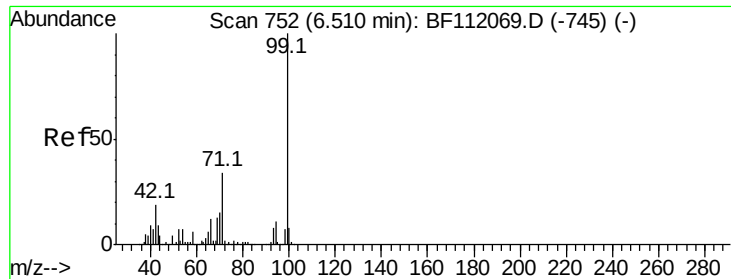
2-Fluorophenol
 Concen: 99.630 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112144.D
 Acq: 19 Jan 2019 00:13

Tgt Ion:112 Resp: 1428616
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.7 68.5
 63 30.9 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: 84.022 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

Instrument :

BNA_F

ClientSampleId :

RBR200034

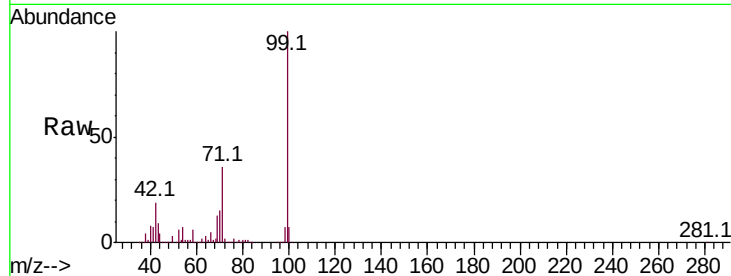
Tot Ion: 99 Resp: 1507414

Ion Ratio Lower Upper

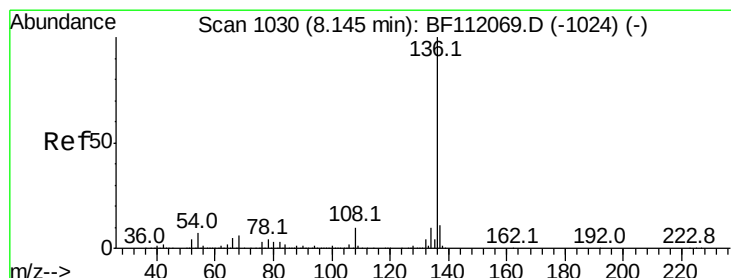
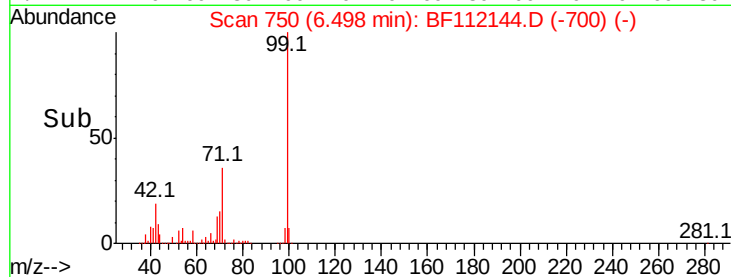
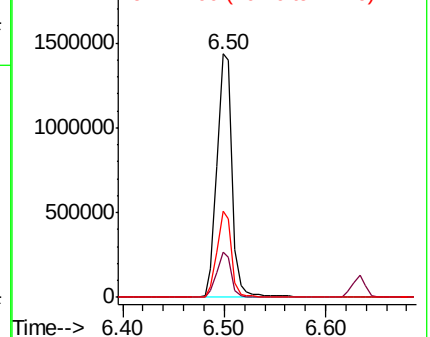
99 100

42 18.8 15.1 22.7

71 35.6 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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

Tgt Ion: 136 Resp: 971423

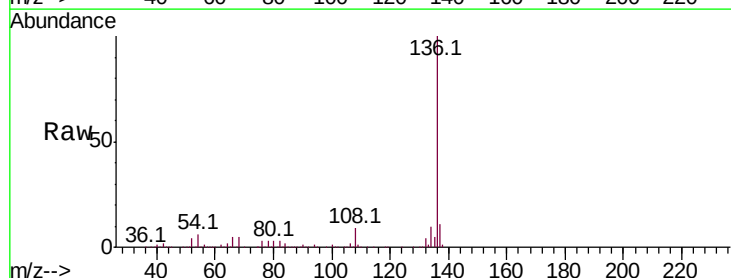
Ion Ratio Lower Upper

136 100

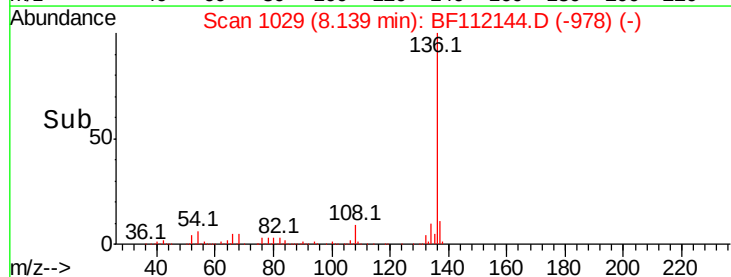
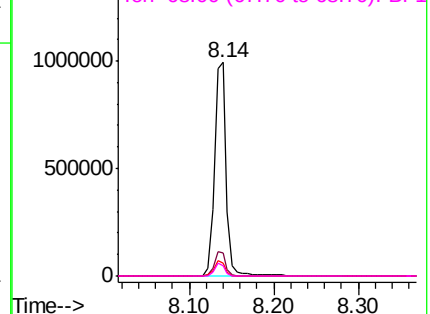
137 10.9 9.1 13.7

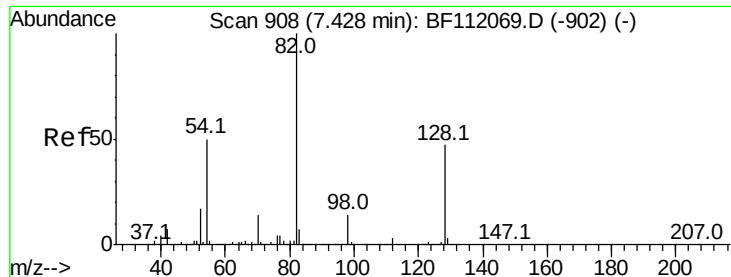
54 6.0 5.9 8.9

68 5.1 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

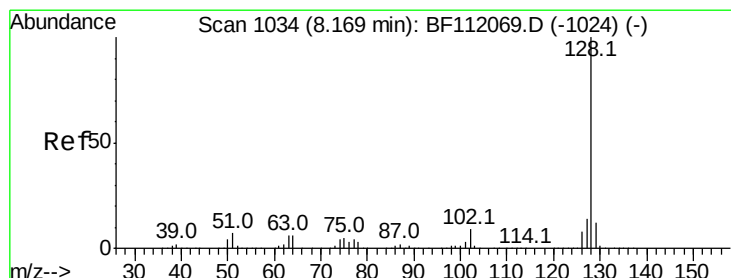
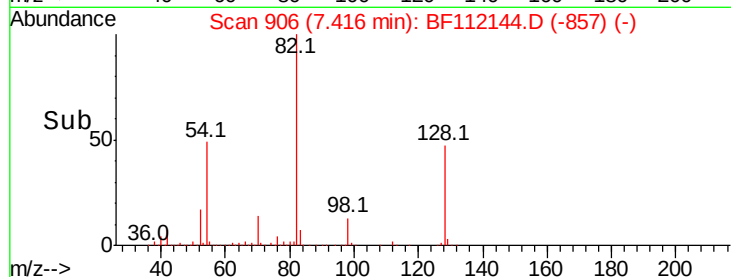
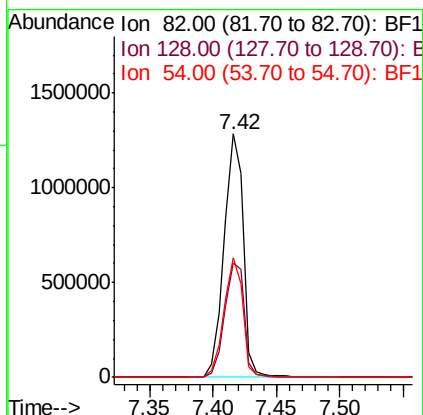
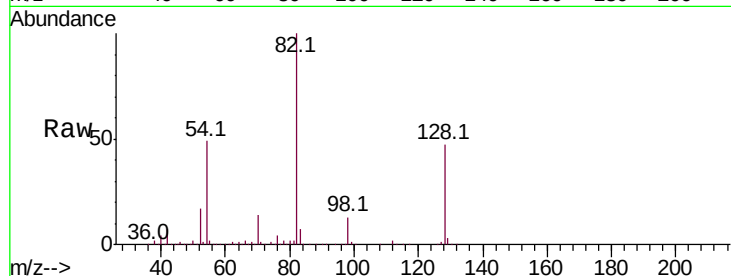




#23
Nitrobenzene-d5
Concen: 96.340 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

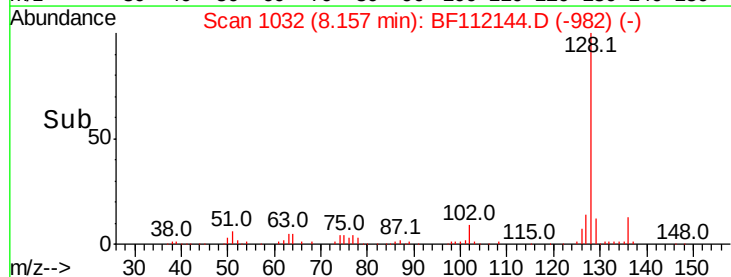
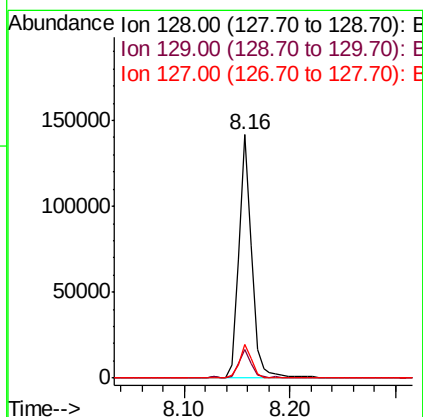
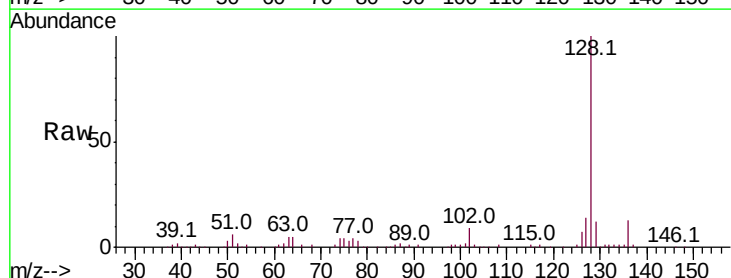
Instrument :
BNA_F
ClientSampleId :
RBR200034

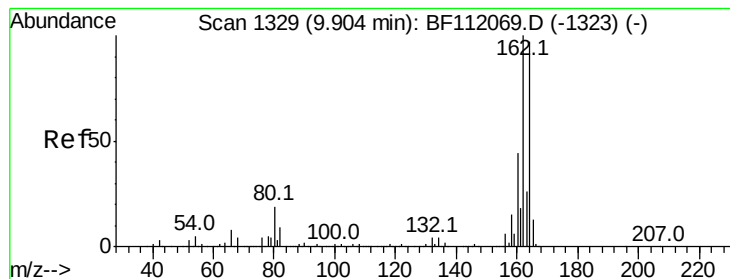
Tot Ion: 82 Resp: 1354587
Ion Ratio Lower Upper
82 100
128 46.9 37.8 56.8
54 49.1 39.7 59.5



#31
Naphthalene
Concen: 2.664 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion: 128 Resp: 117700
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 14.1 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

Instrument :

BNA_F

ClientSampleId :

RBR200034

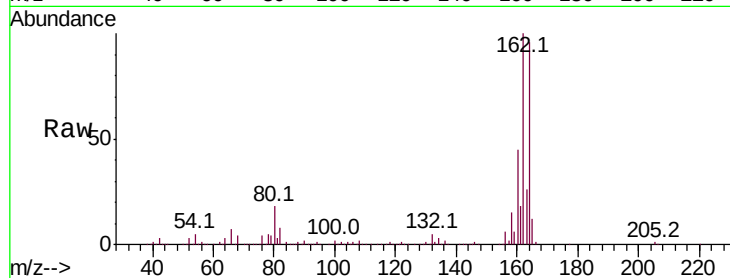
Tot Ion:164 Resp: 463235

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.4

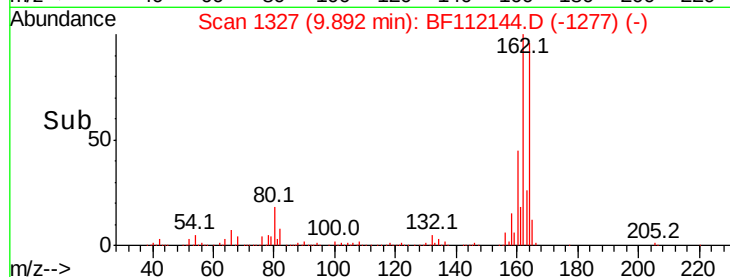
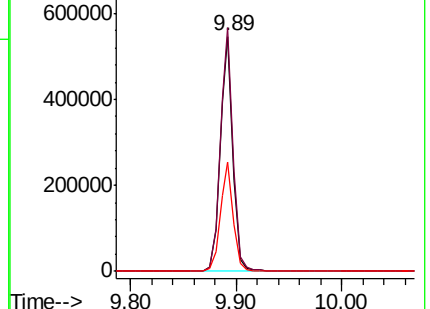
160 46.7 36.2 54.4



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: 124.907 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

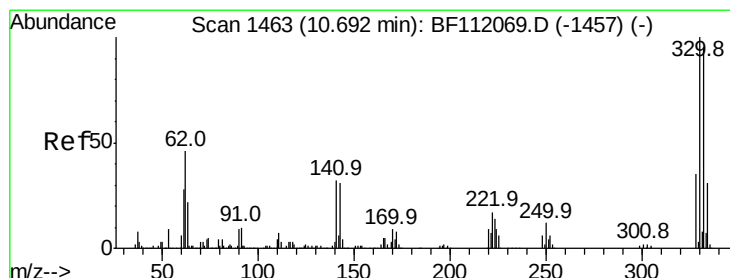
Tgt Ion:330 Resp: 624198

Ion Ratio Lower Upper

330 100

332 94.3 76.6 114.8

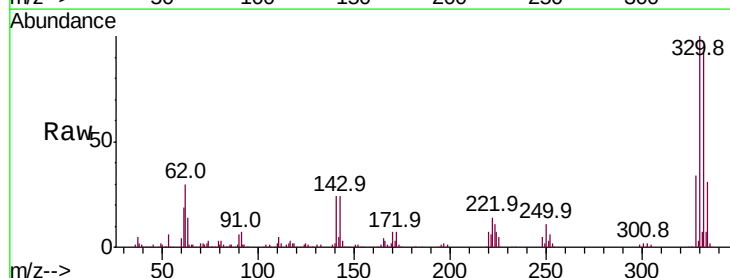
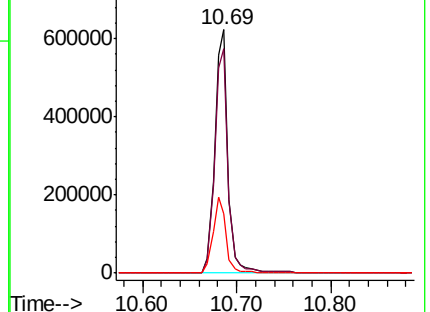
141 30.6 24.3 36.5

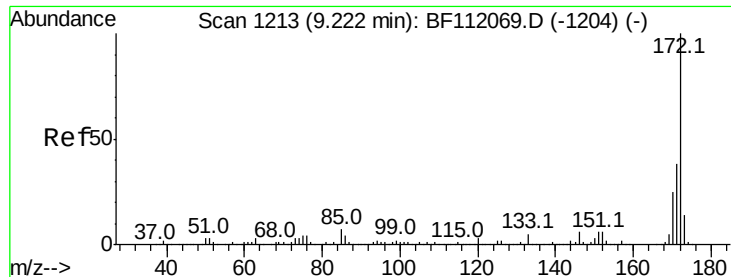


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



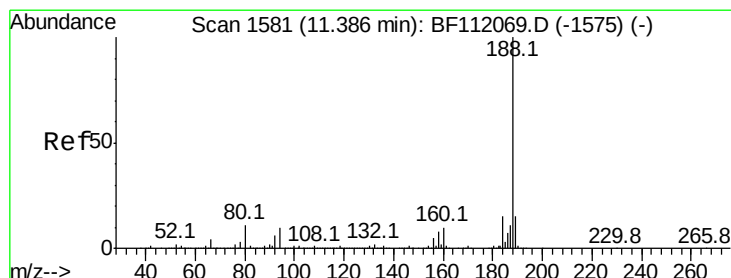
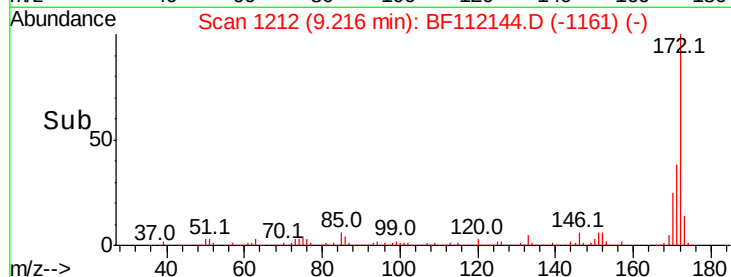
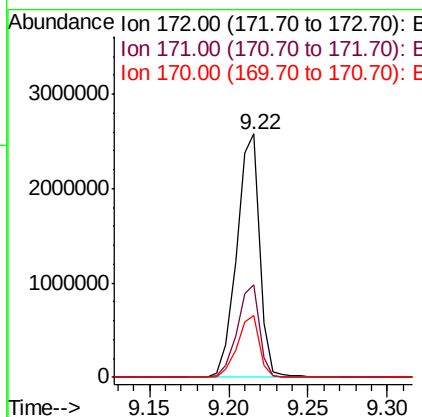
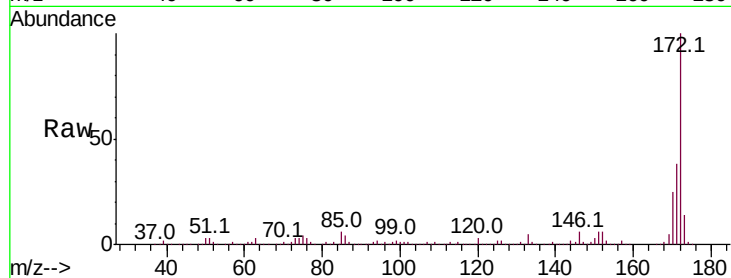


#45
 2-Fluorobiphenyl
 Concen: 81.633 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112144.D
 Acq: 19 Jan 2019 00:13

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Tot Ion:172 Resp: 2579283

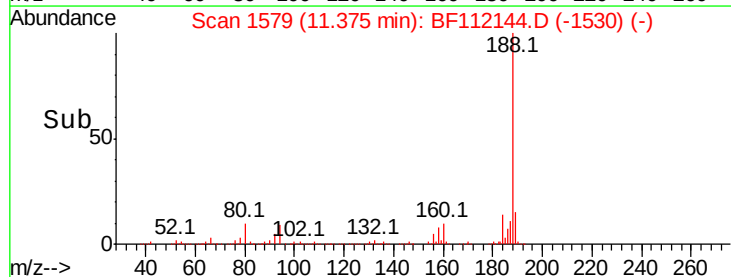
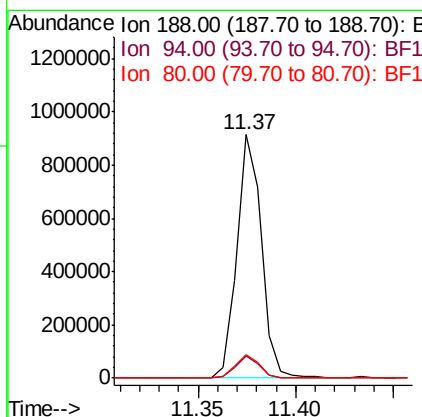
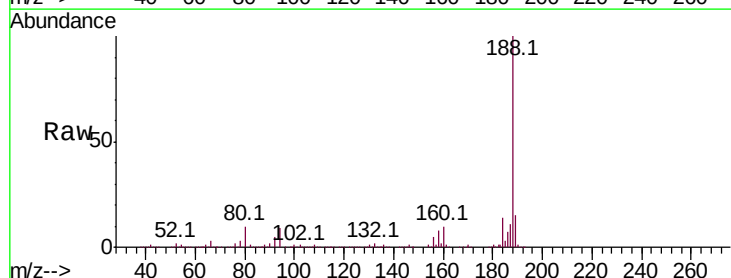
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.4	20.2	30.4

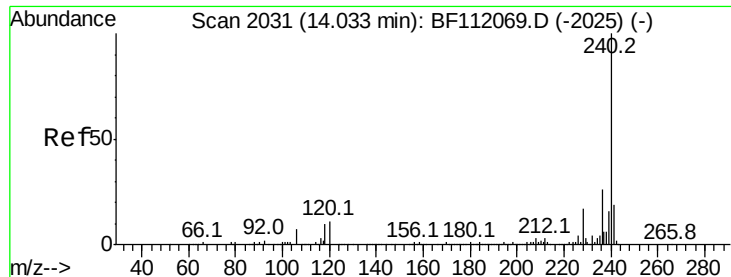


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF112144.D
 Acq: 19 Jan 2019 00:13

Tgt Ion:188 Resp: 798814

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.9	8.9	13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

Instrument :

BNA_F

ClientSampleId :

RBR200034

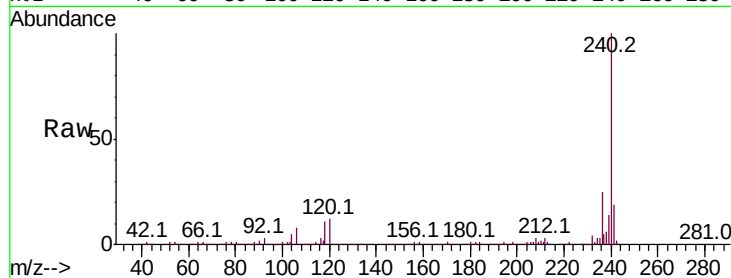
Tot Ion:240 Resp: 598620

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

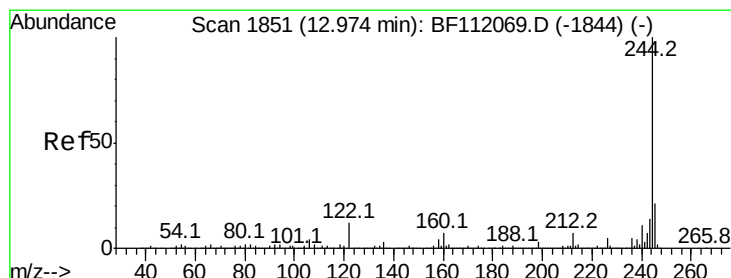
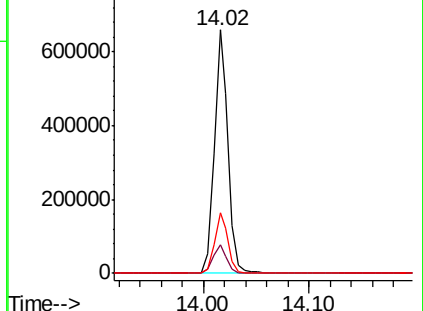
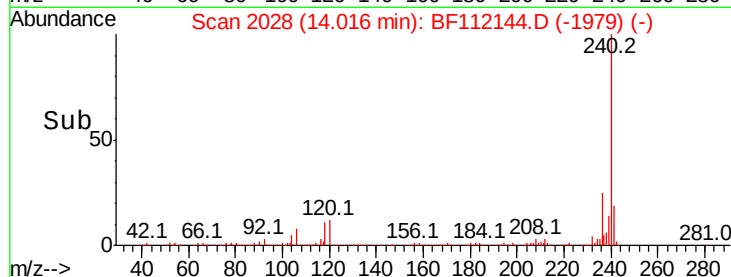
236 25.1 20.7 31.1



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



#79

Terphenyl-d14

Concen: 84.659 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112144.D

Acq: 19 Jan 2019 00:13

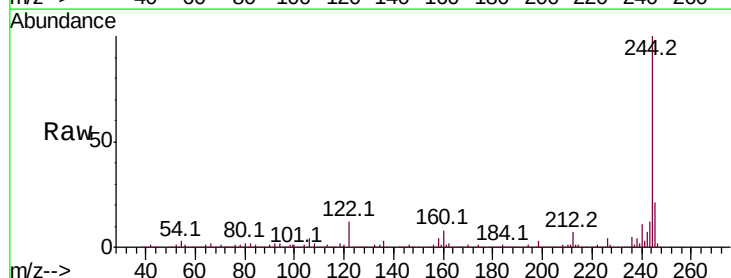
Tgt Ion:244 Resp: 2382217

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

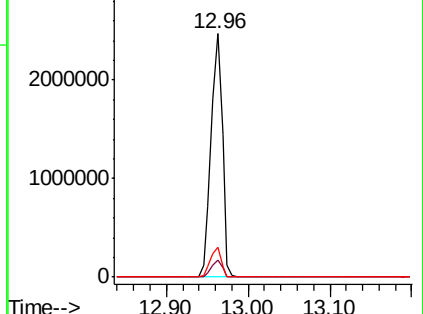
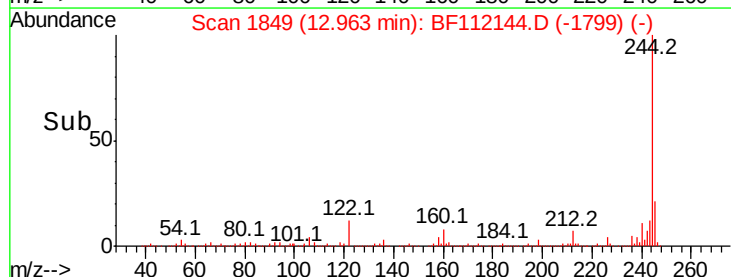
122 12.3 9.8 14.6

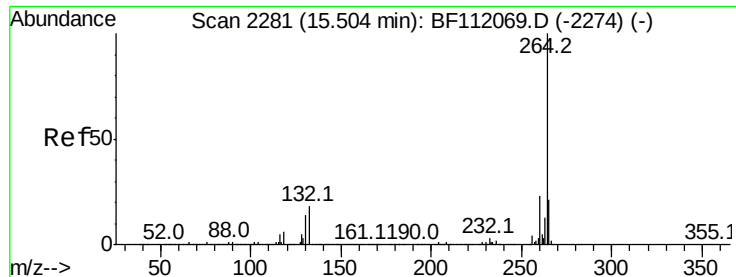


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.6	17.0	25.4

