

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110844.D
 Acq On : 19 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5975-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Time: Nov 19 12:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

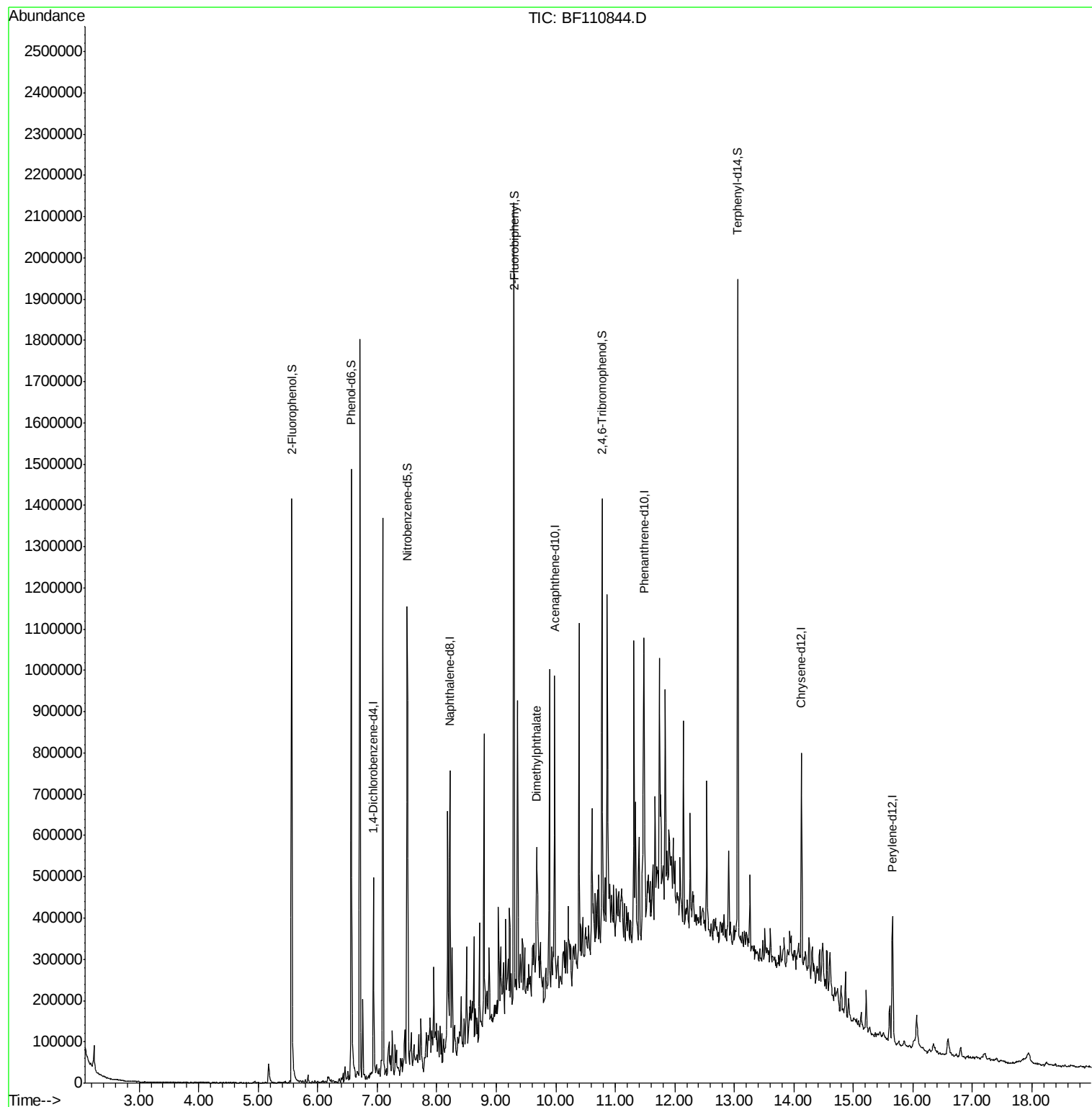
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	69434	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	291100	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136598	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	251221	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158785	20.00	ng	-0.01
87) Perylene-d12	15.66	264	156106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	416984	97.55	ng	0.00
7) Phenol-d6	6.57	99	523992	95.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	332714	65.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	131323	95.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	637985	66.70	ng	0.00
79) Terphenyl-d14	13.06	244	566012	66.76	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.69	163	57264	5.618	ng	99

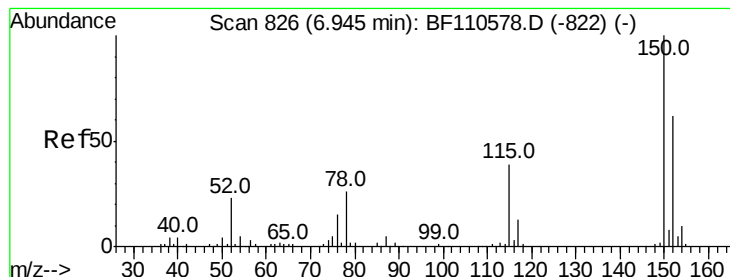
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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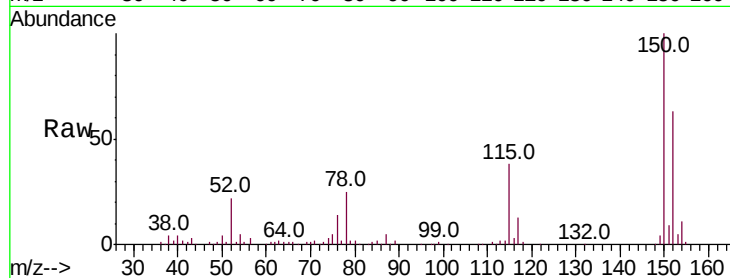


#1

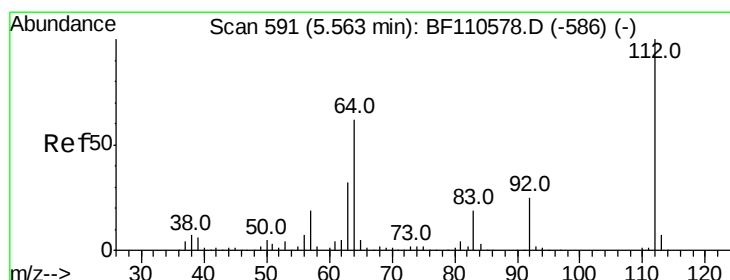
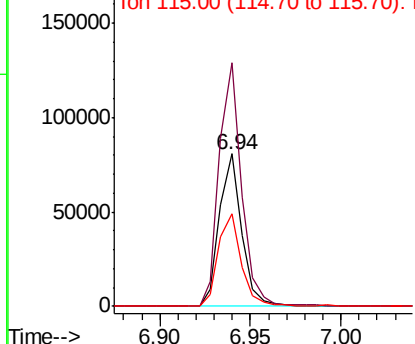
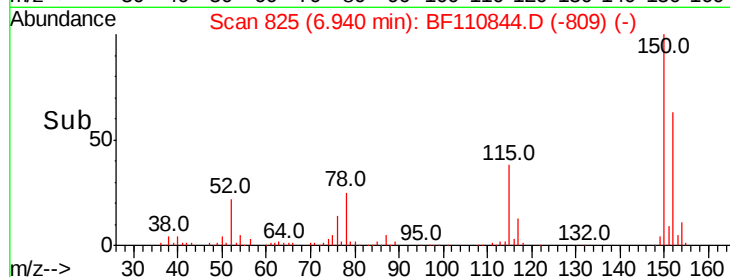
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tot Ion:152 Resp: 69434
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.7 184.1
 115 60.7 49.1 73.7



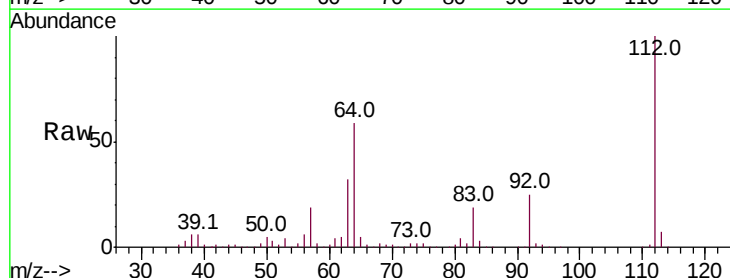
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



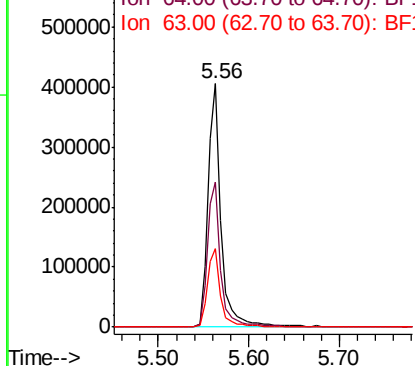
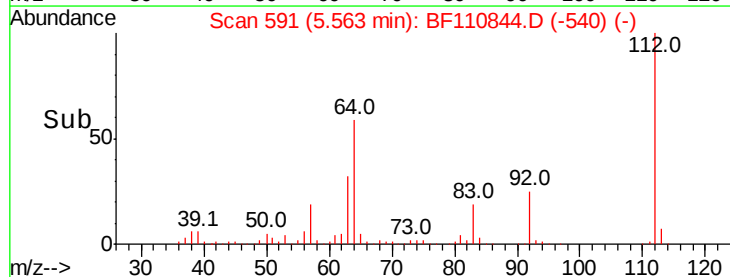
#5

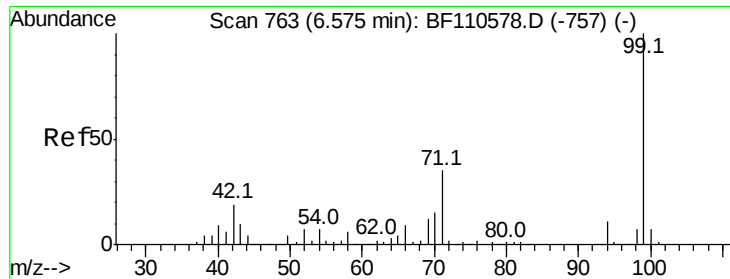
2-Fluorophenol
 Concen: 97.548 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion:112 Resp: 416984
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 32.3 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: 95.859 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampleId :

VB44949

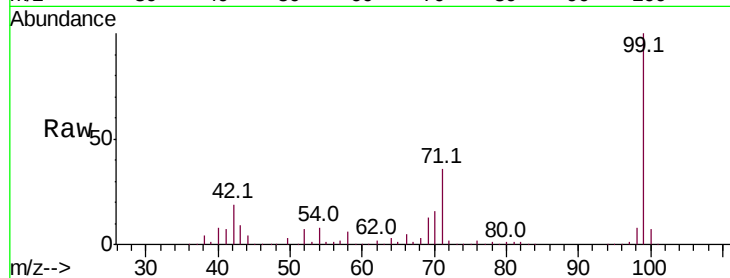
Tot Ion: 99 Resp: 523992

Ion Ratio Lower Upper

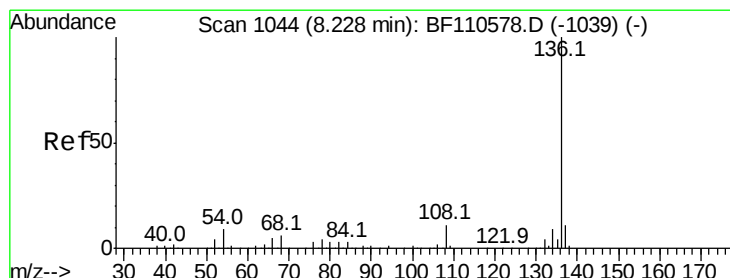
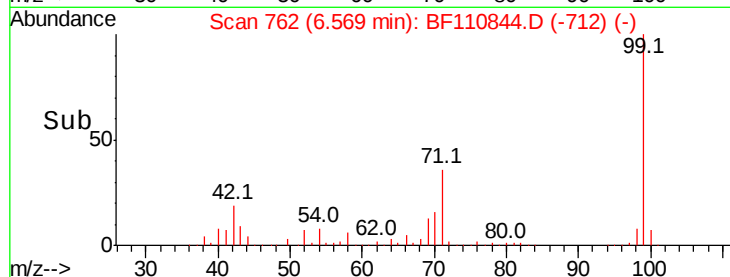
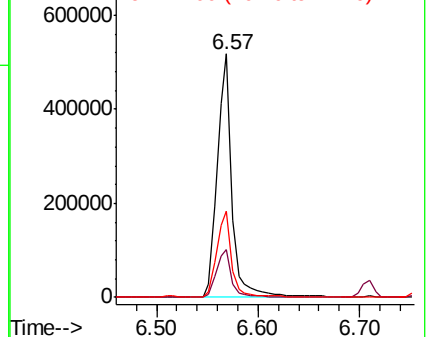
99 100

42 19.4 15.8 23.6

71 35.6 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Tgt Ion: 136 Resp: 291100

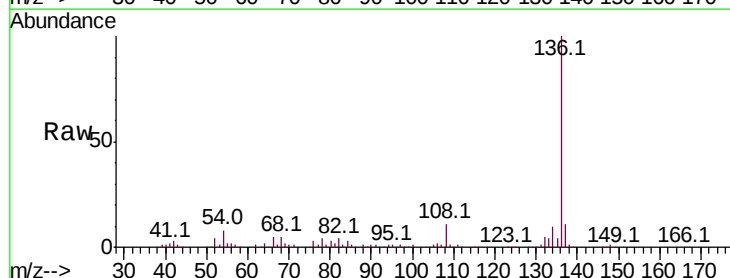
Ion Ratio Lower Upper

136 100

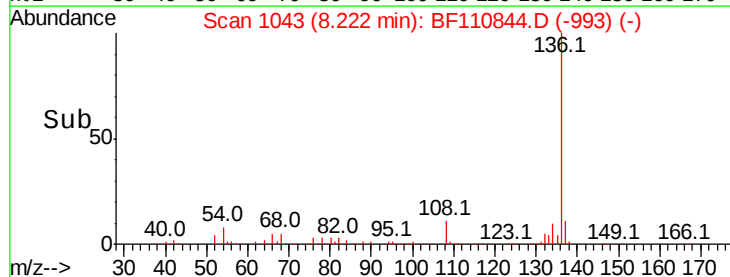
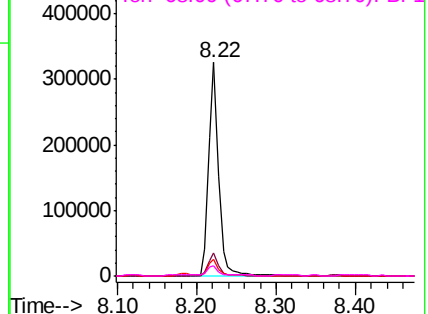
137 10.7 8.8 13.2

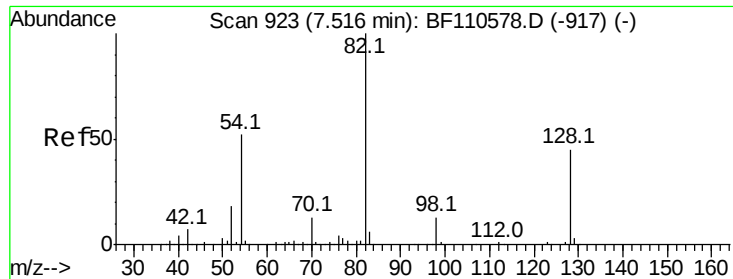
54 7.8 5.4 8.2

68 5.1 4.2 6.2



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

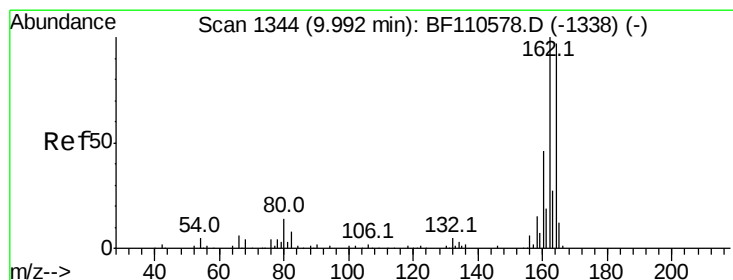
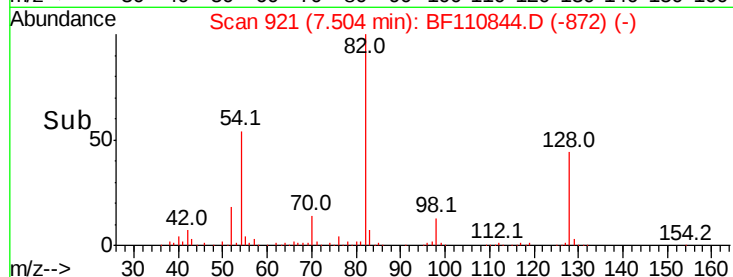
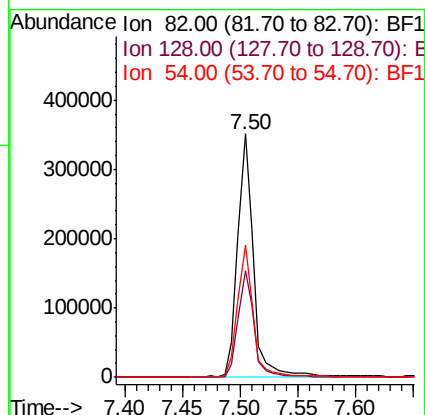
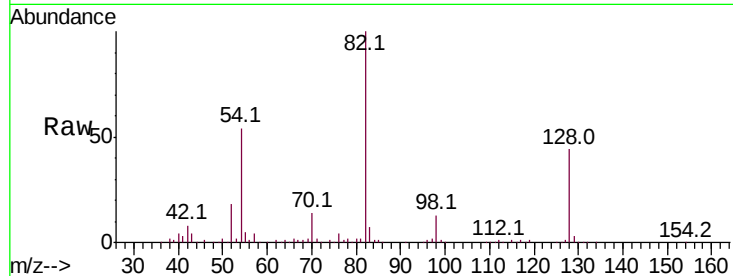




#23
 Nitrobenzene-d5
 Concen: 65.822 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

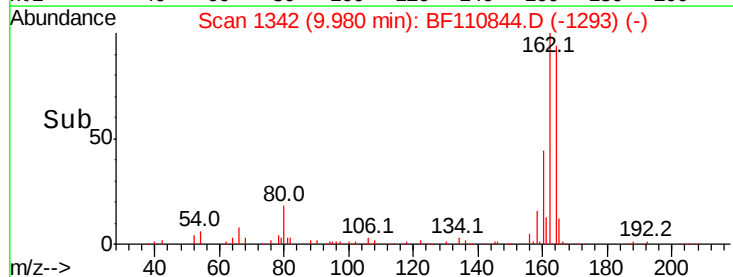
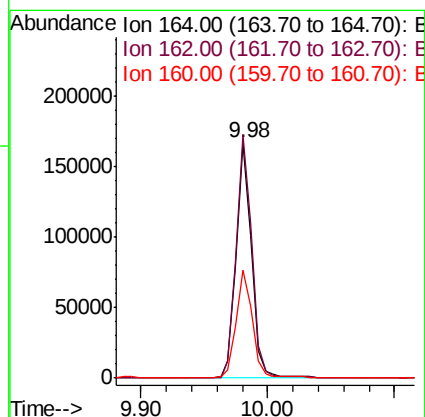
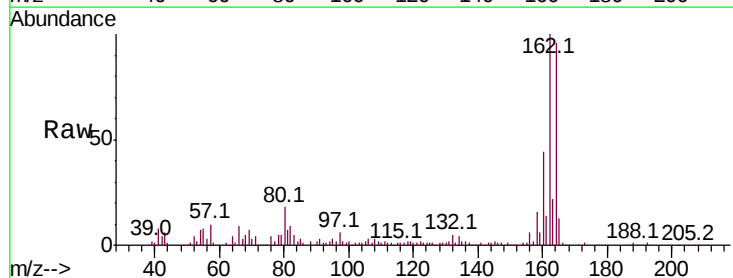
Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tot Ion	82	Resp	332714
Ion Ratio	100	Lower	Upper
128	43.8	34.2	51.2
54	54.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion	164	Resp	136598
Ion Ratio	100	Lower	Upper
162	103.7	83.0	124.6
160	45.9	37.0	55.6

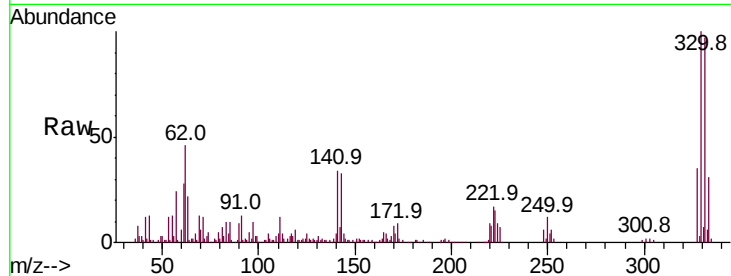




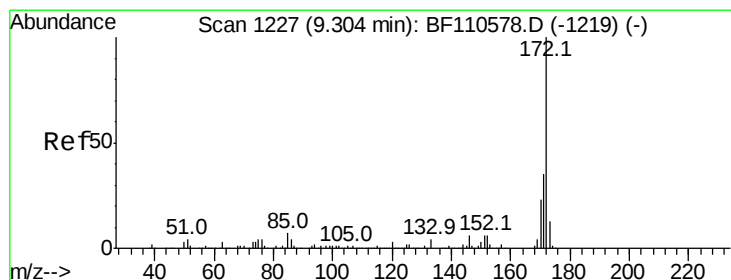
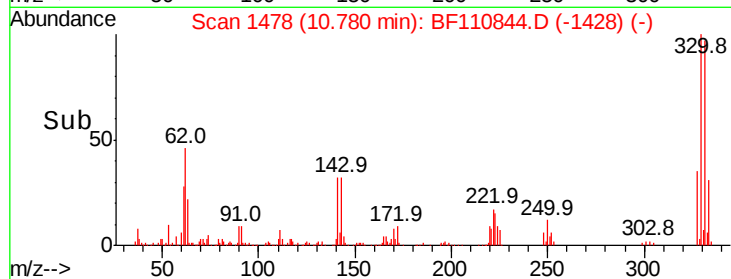
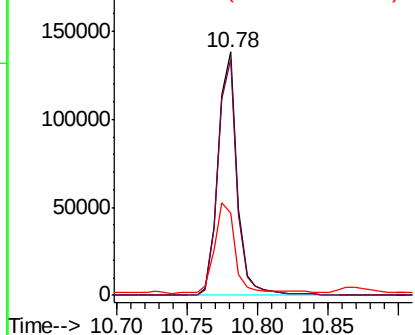
#42
 2,4,6-Tribromophenol
 Concen: 95.411 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	39.5	27.0	40.4

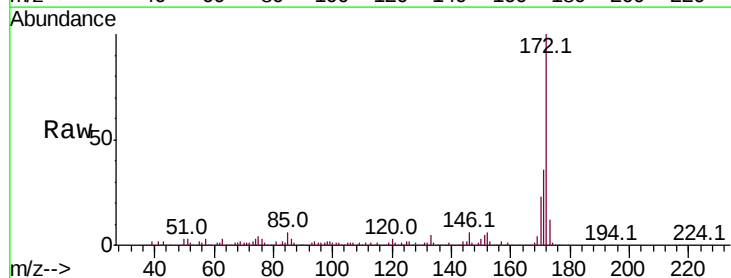


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

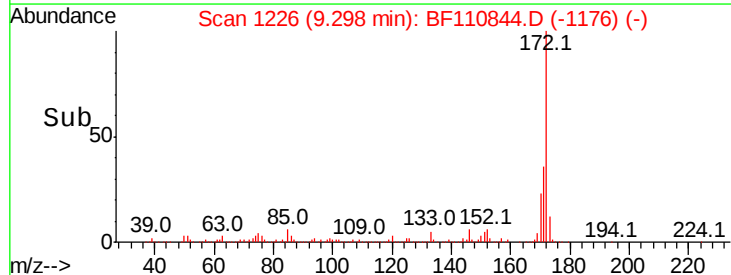
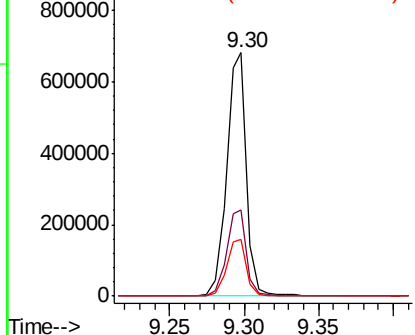


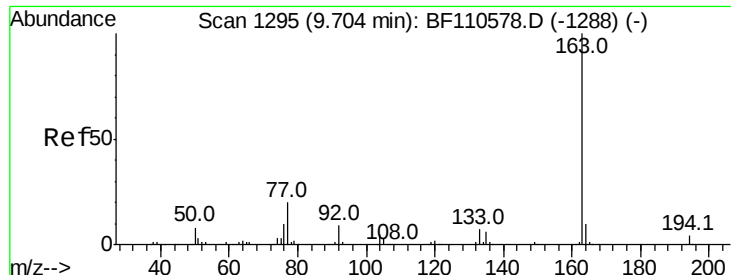
#45
 2-Fluorobiphenyl
 Concen: 66.704 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.4	19.7	29.5



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

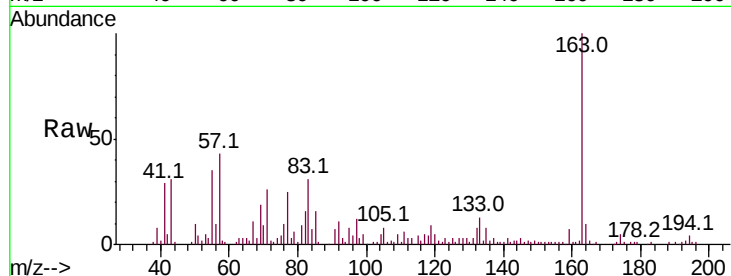




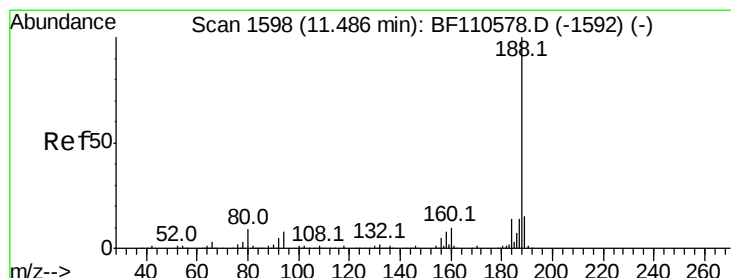
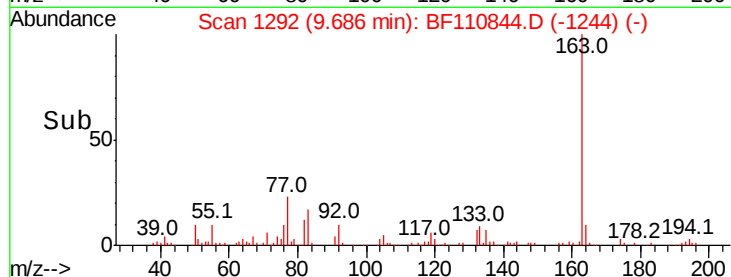
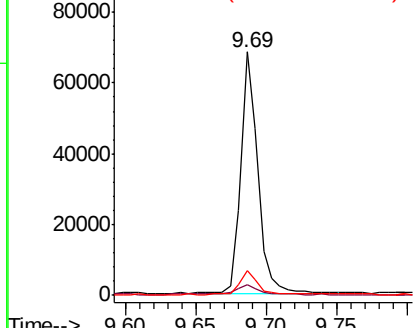
#50
Dimethylphthalate
Concen: 5.618 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110844.D
Acq: 19 Nov 2018 11:17

Instrument :
BNA_F
ClientSampleId :
VB44949

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.1	12.1

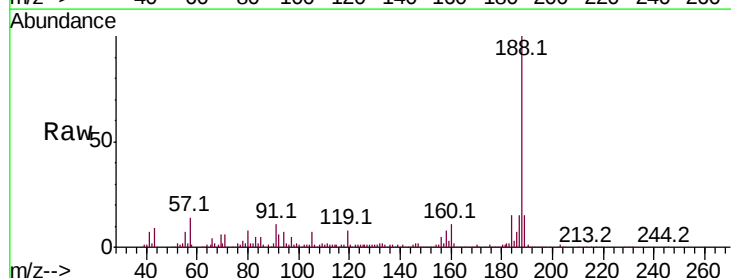


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

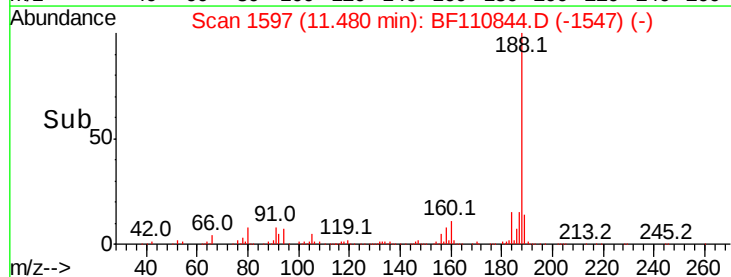
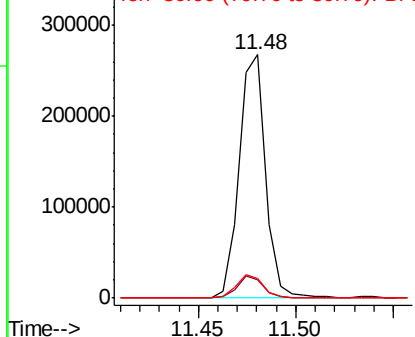


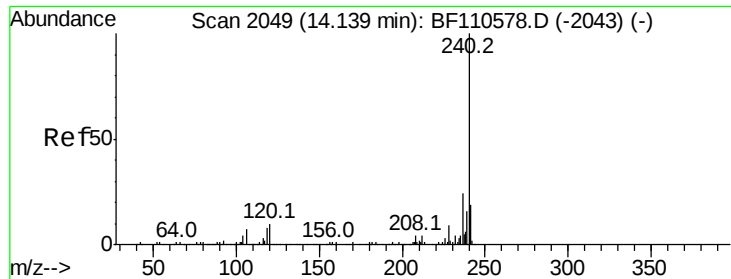
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110844.D
Acq: 19 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.2	10.8
80	8.3	7.9	11.9



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampleId :

VB44949

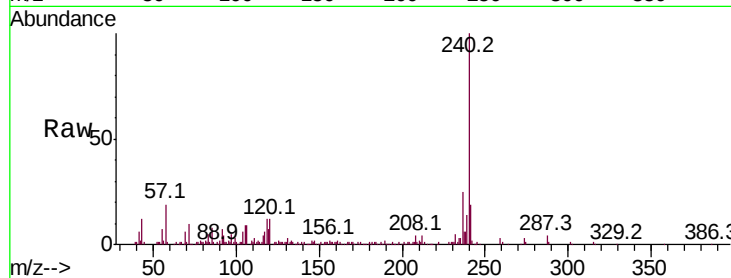
Tot Ion:240 Resp: 158785

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

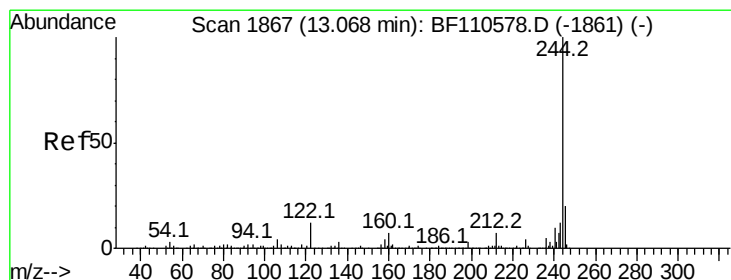
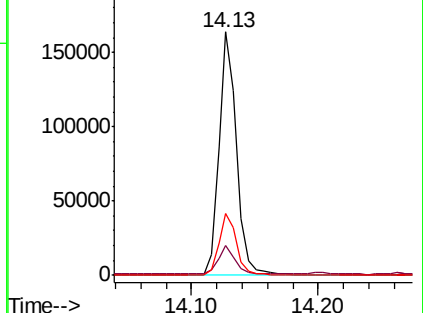
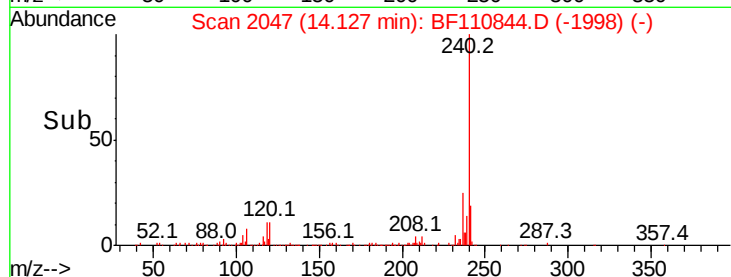
236 25.3 21.2 31.8



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: 66.757 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

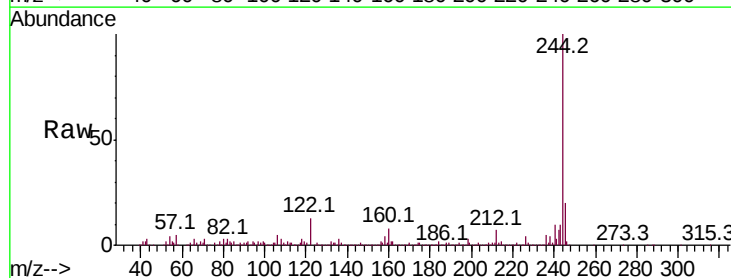
Tgt Ion:244 Resp: 566012

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

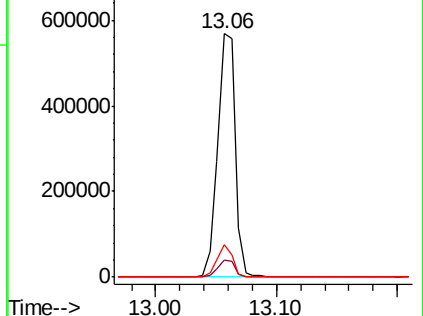
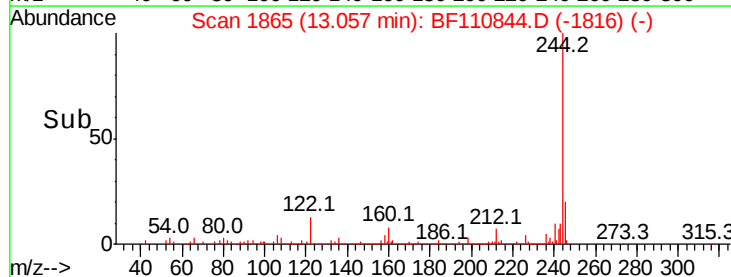
122 13.1 8.7 13.1#

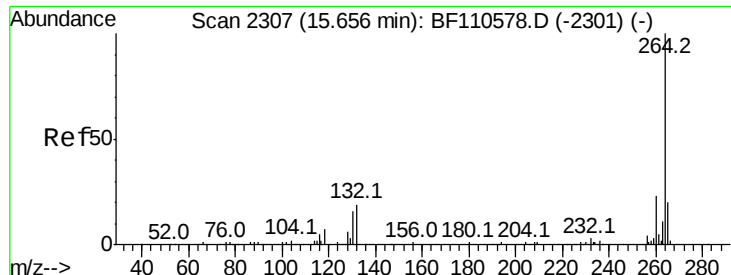


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

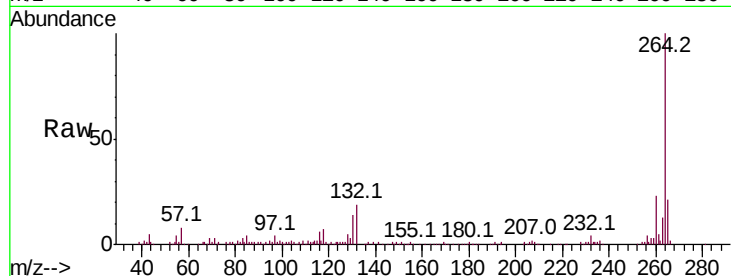




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110844.D
Acq: 19 Nov 2018 11:17

Instrument :
BNA_F
ClientSampleId :
VB44949

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.6	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

