

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110909.D
 Acq On : 20 Nov 2018 22:03
 Operator : JU/SJ
 Sample : J5957-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Nov 21 05:56:47 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

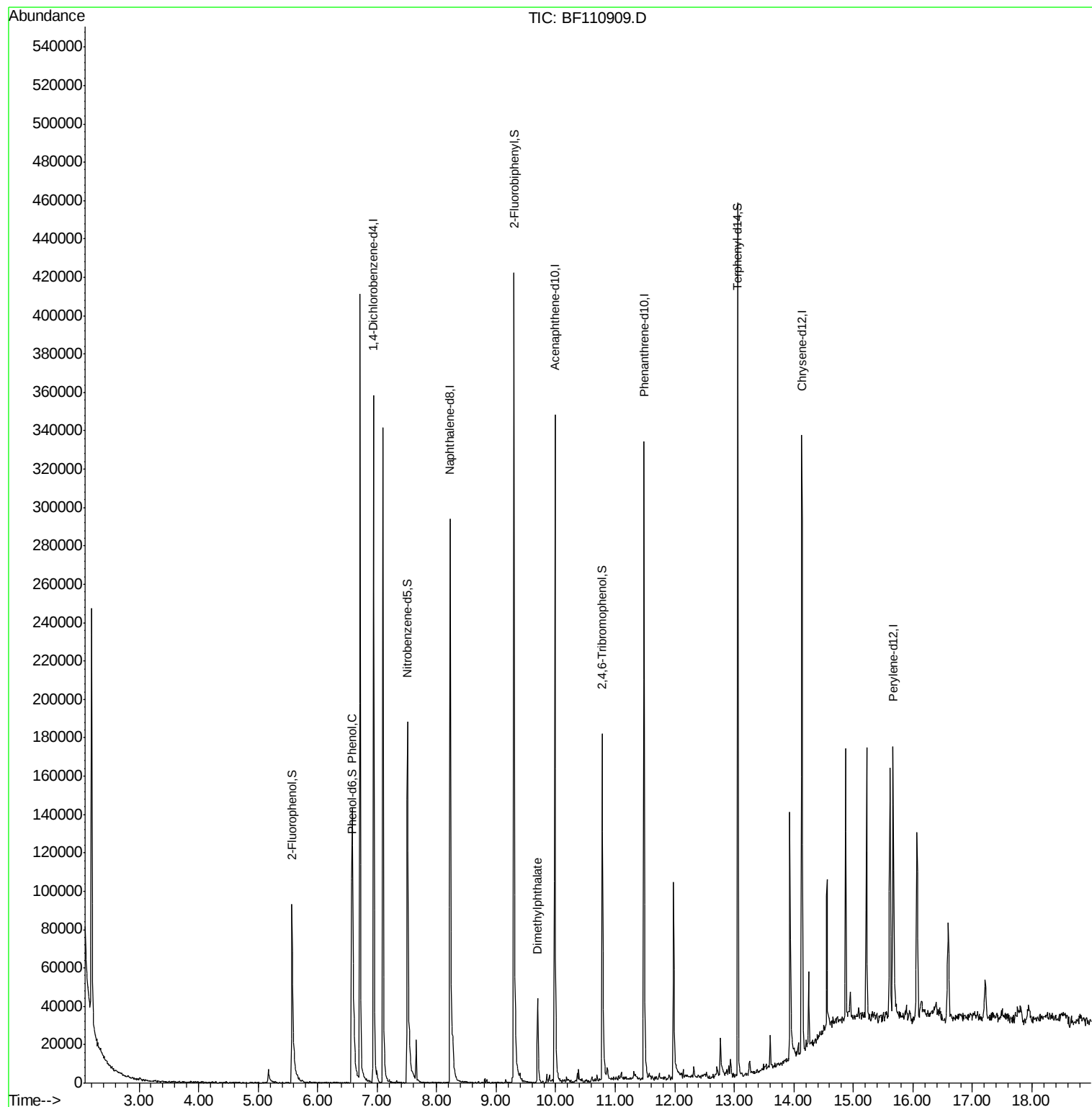
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	55352	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	218200	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	86510	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	143178	20.00	ng	0.00
76) Chrysene-d12	14.13	240	118662	20.00	ng	0.00
87) Perylene-d12	15.67	264	79780	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	55656	16.33	ng	0.00
7) Phenol-d6	6.57	99	45822	10.52	ng	0.00
23) Nitrobenzene-d5	7.51	82	101514	26.79	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	27104	31.09	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	180958	29.87	ng	0.00
79) Terphenyl-d14	13.06	244	152633	24.09	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	63687	12.604	ng	Qvalue # 68
50) Dimethylphthalate	9.69	163	29374	4.550	ng	97

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

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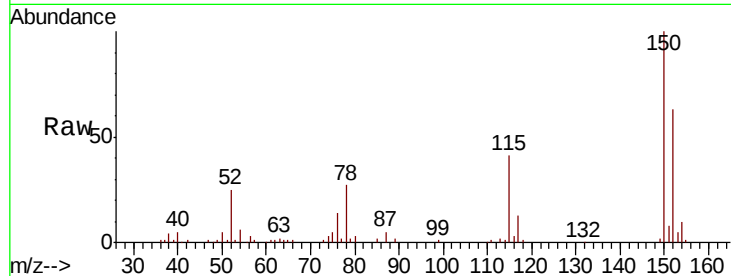


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
W-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	64.7	49.1	73.7

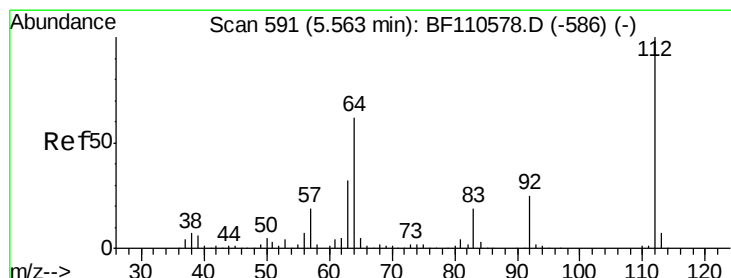
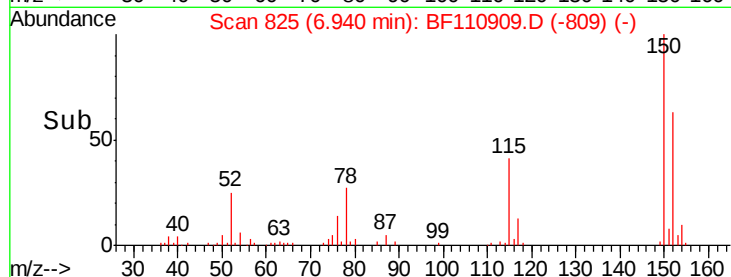
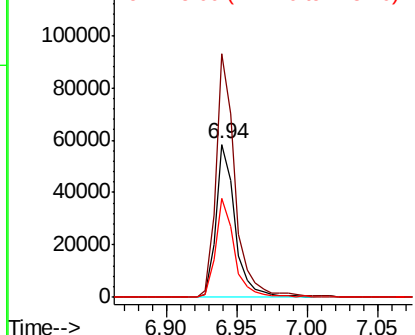


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

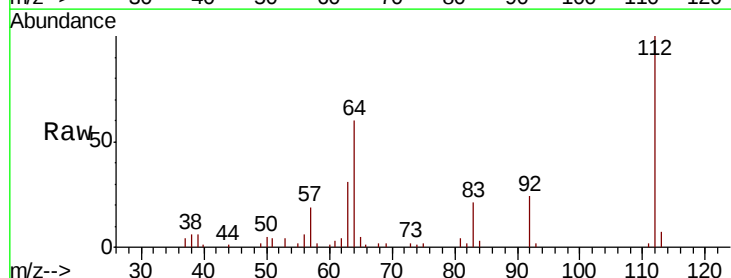
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.332 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	31.2	23.7	35.5

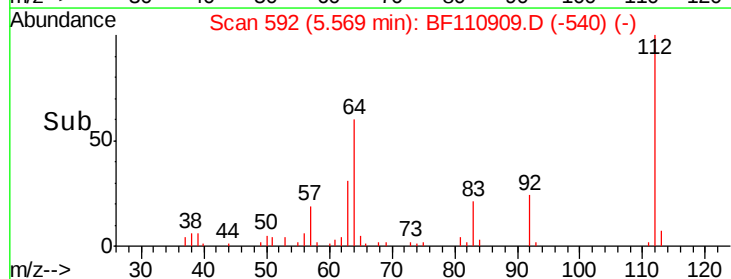
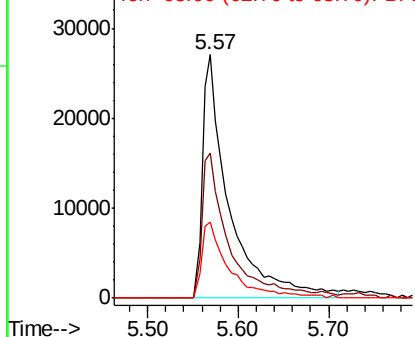


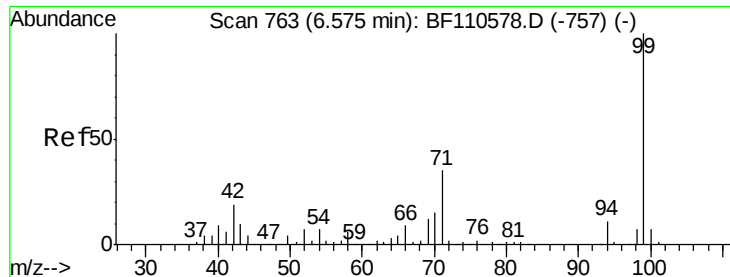
Abundance

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: 10.515 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110909.D

Acq: 20 Nov 2018 22:03

Instrument :

BNA_F

ClientSampleId :

W-2

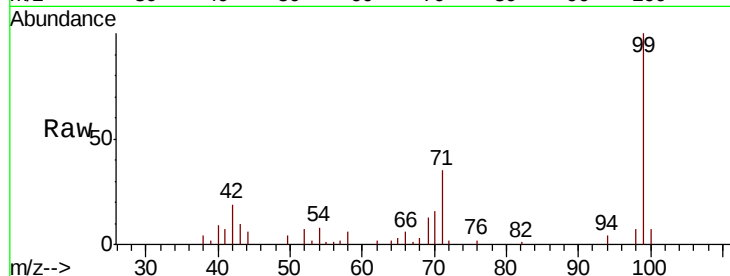
Tot Ion: 99 Resp: 45822

Ion Ratio Lower Upper

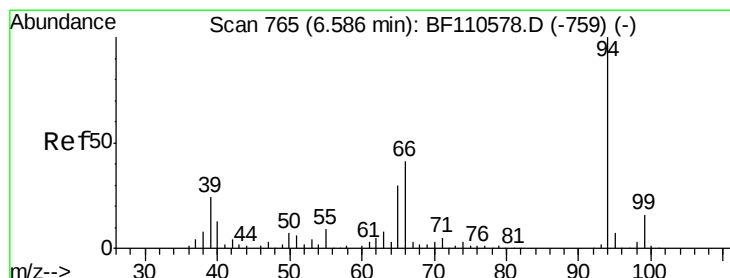
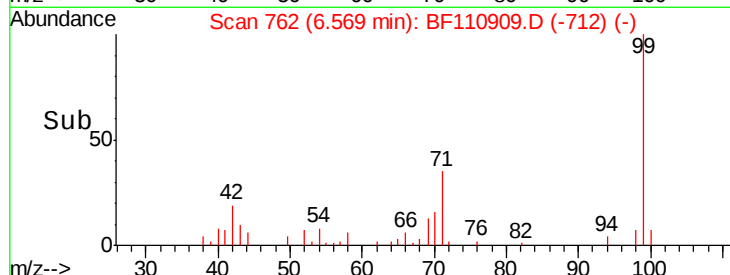
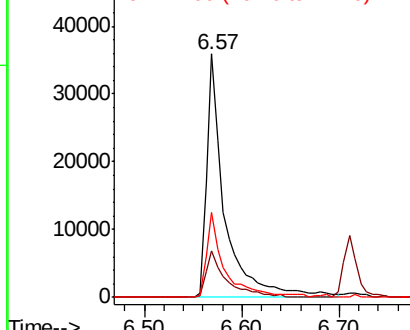
99 100

42 19.2 15.8 23.6

71 34.9 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



#10

Phenol

Concen: 12.604 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110909.D

Acq: 20 Nov 2018 22:03

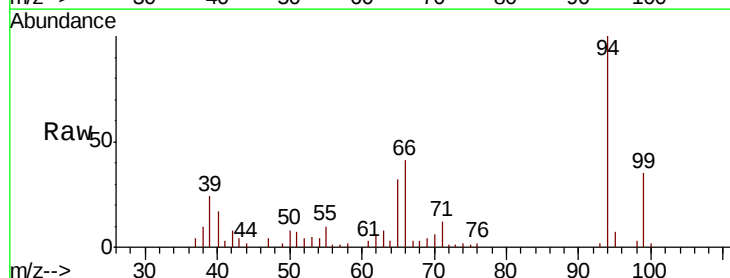
Tgt Ion: 94 Resp: 63687

Ion Ratio Lower Upper

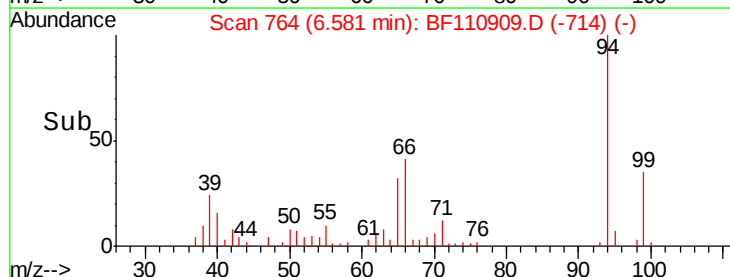
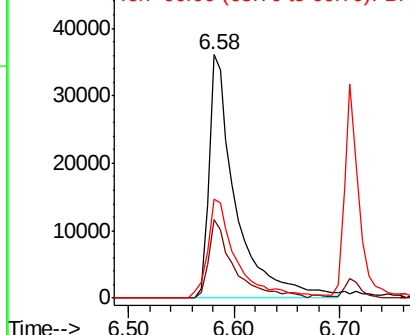
94 100

65 32.0 25.3 65.3

66 40.8 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

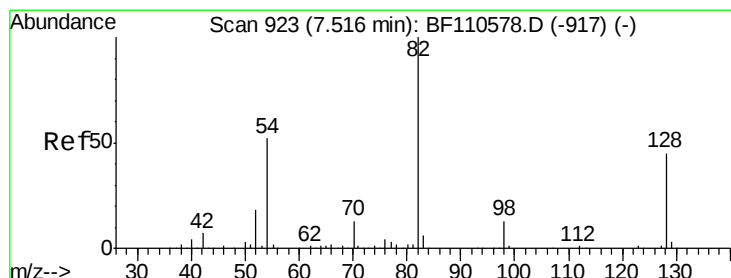
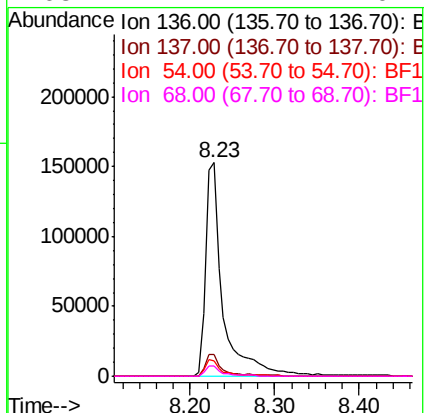
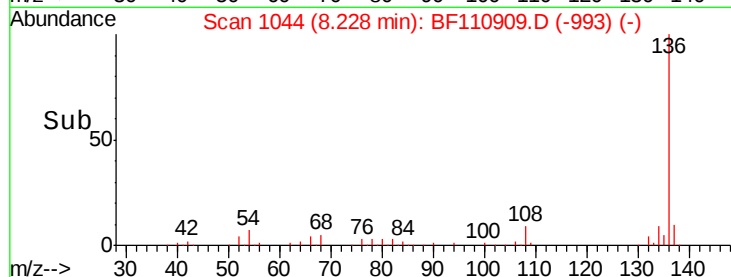
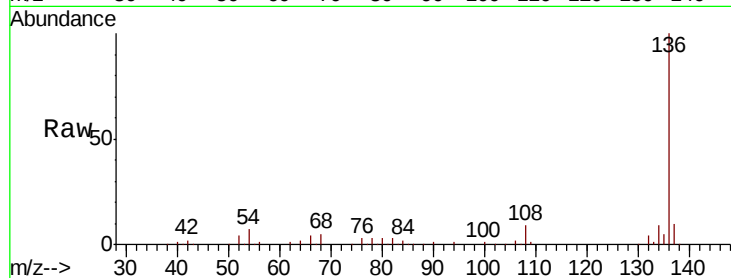




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

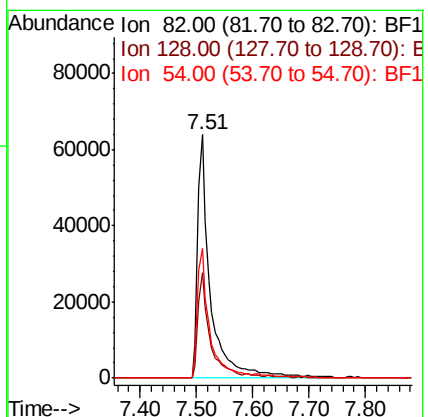
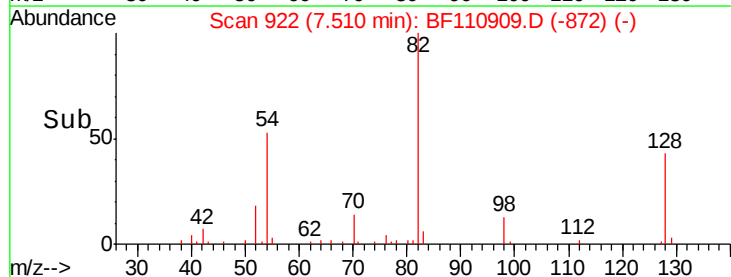
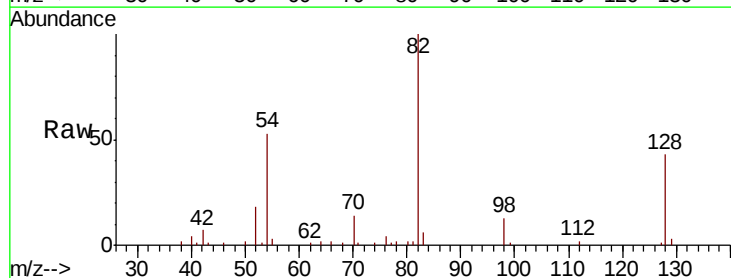
Instrument :
BNA_F
ClientSampleId :
W-2

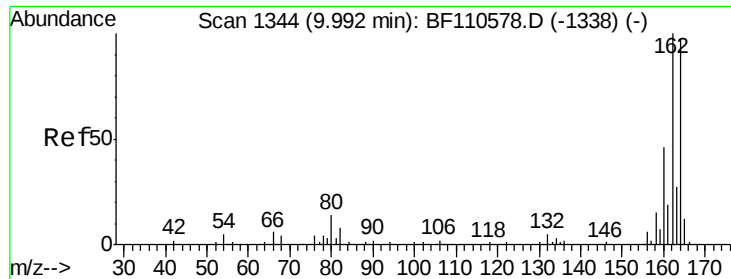
Tot Ion:136	Resp:	218200
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	7.0	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 26.793 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion: 82	Resp:	101514
Ion	Ratio	Lower Upper
82	100	
128	43.1	34.2 51.2
54	53.2	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: BF110909.D

Acq: 20 Nov 2018 22:03

Instrument :

BNA_F

ClientSampleId :

W-2

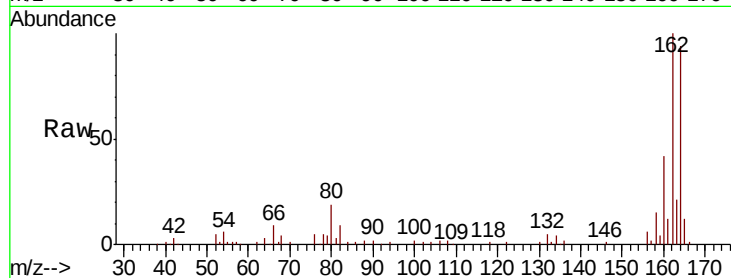
Tot Ion:164 Resp: 86510

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.6

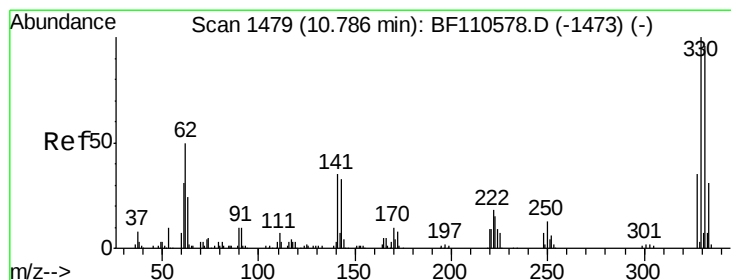
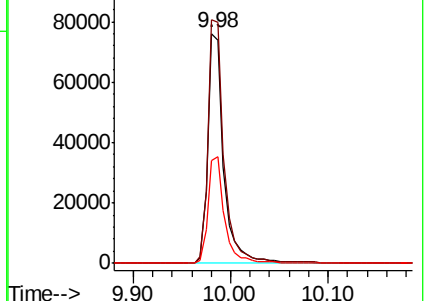
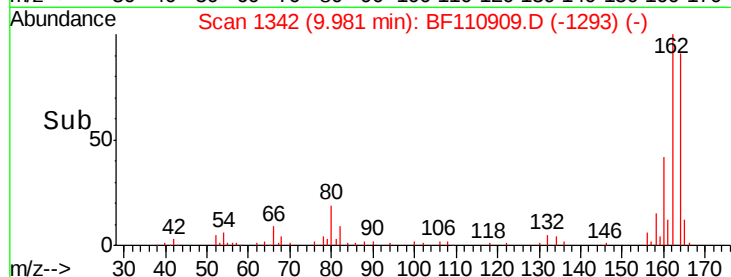
160 44.5 37.0 55.6



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: 31.093 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110909.D

Acq: 20 Nov 2018 22:03

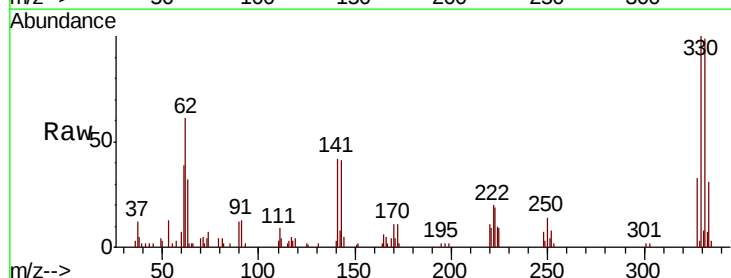
Tgt Ion:330 Resp: 27104

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

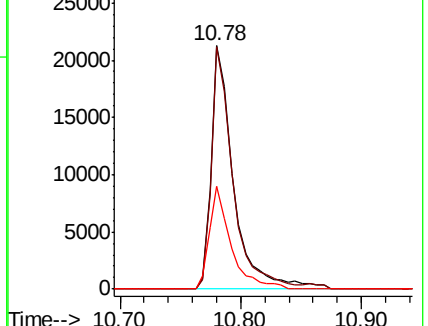
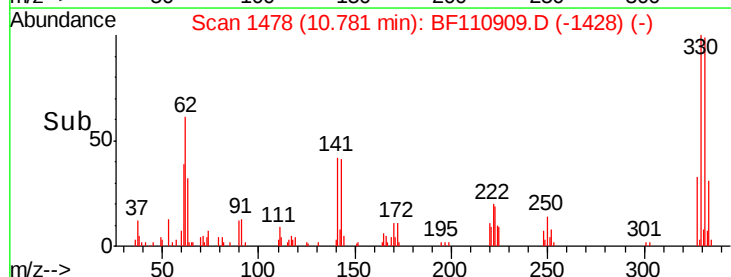
141 40.7 27.0 40.4#

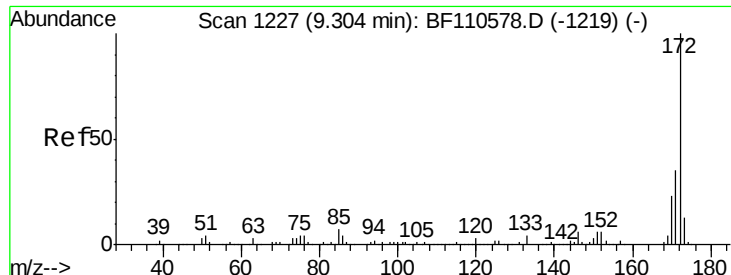


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

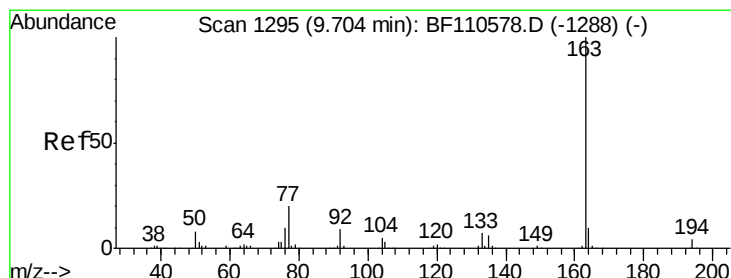
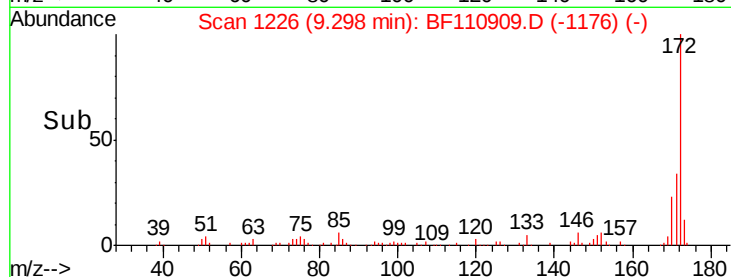
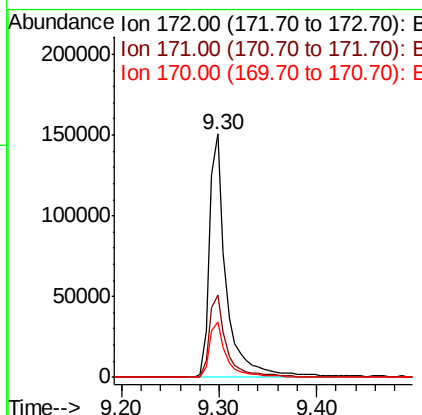
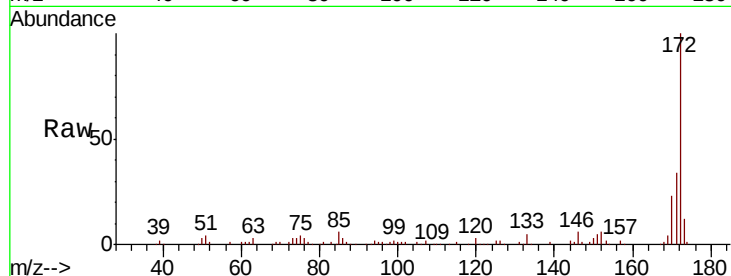




#45
2-Fluorobiphenyl
Concen: 29.874 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

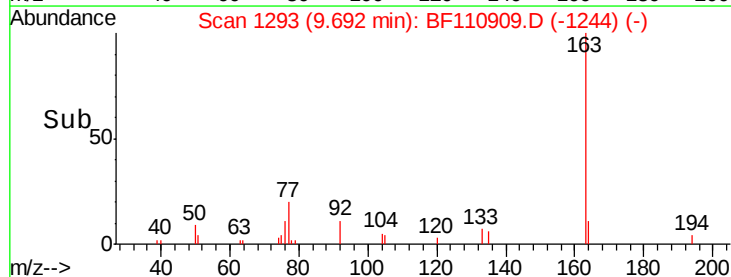
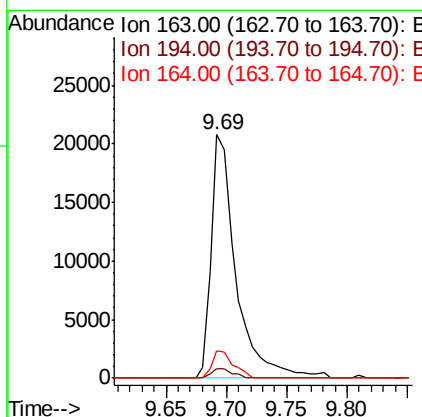
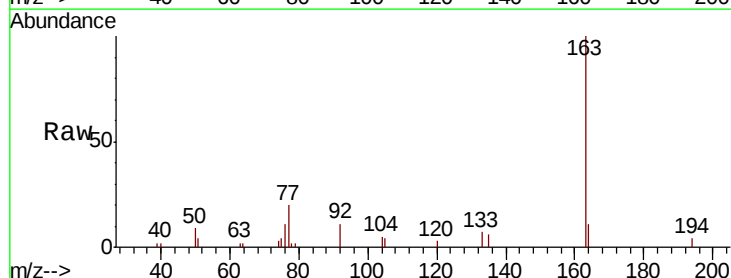
Instrument :
BNA_F
ClientSampleId :
W-2

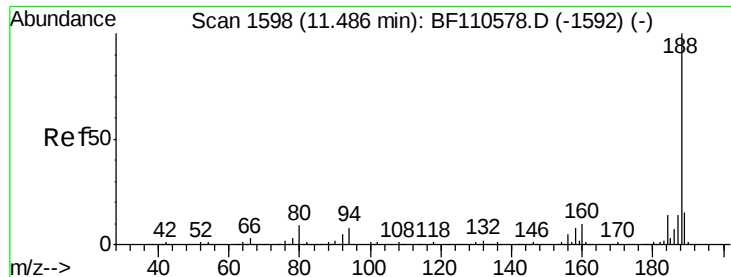
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	22.8	19.7	29.5



#50
Dimethylphthalate
Concen: 4.550 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.3	8.1	12.1

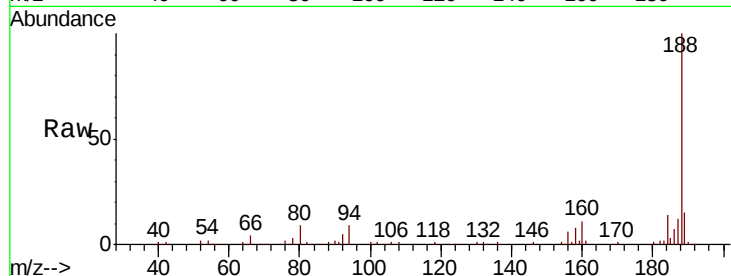




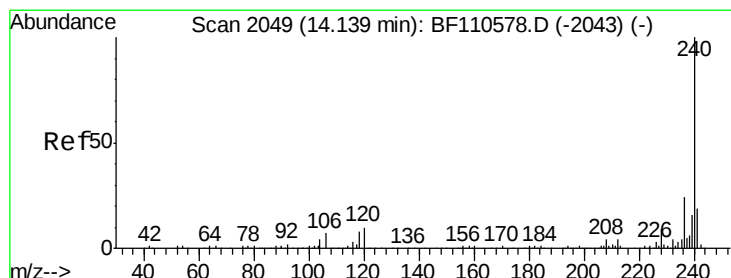
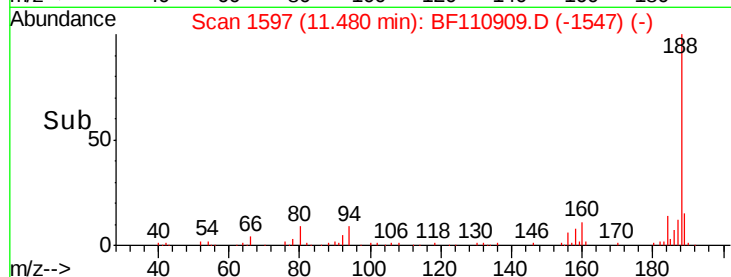
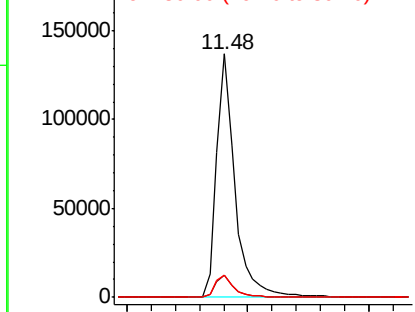
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
W-2

Tot Ion:188 Resp: 143178
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.0 7.9 11.9

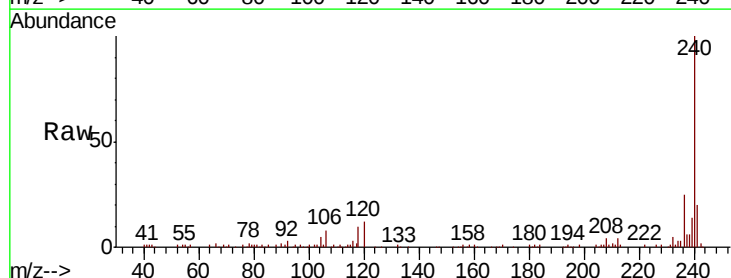


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

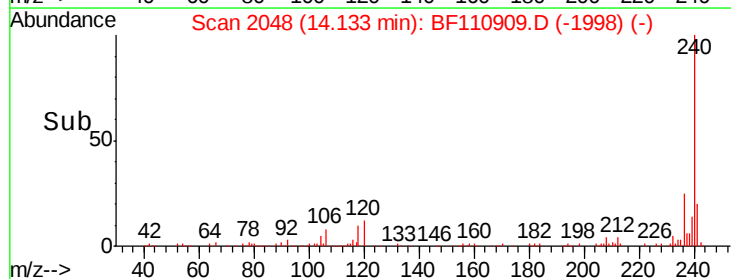
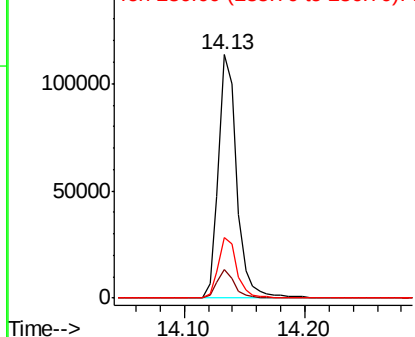


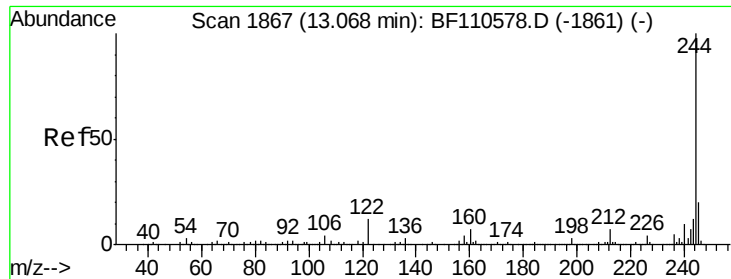
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion:240 Resp: 118662
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.8 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

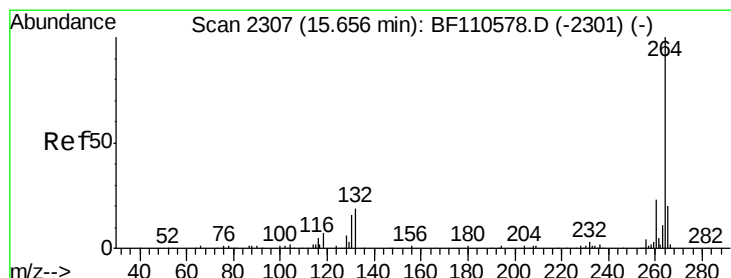
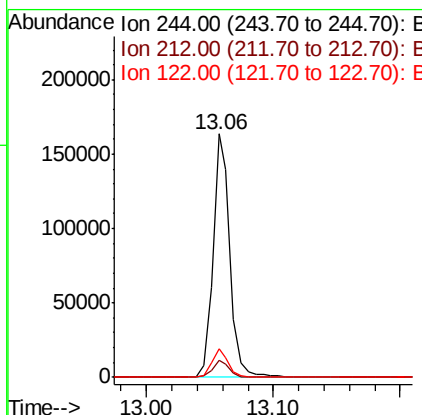
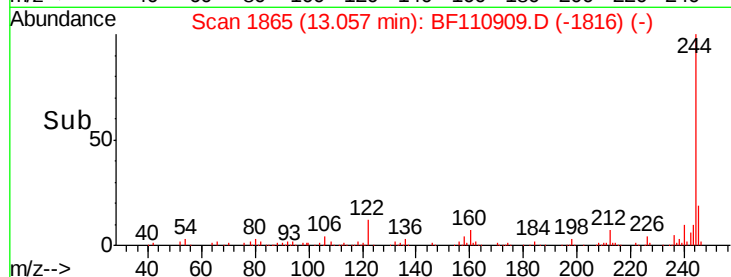
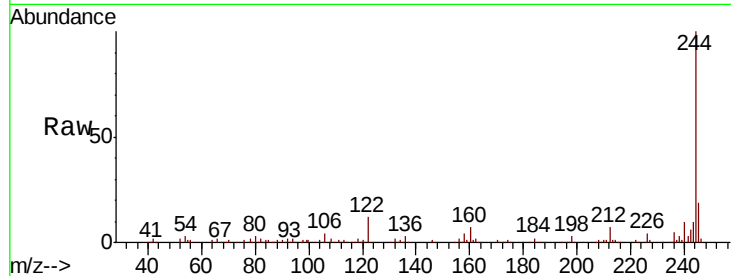




#79
 Terphenyl-d14
 Concen: 24.089 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110909.D
 Acq: 20 Nov 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tot Ion:244 Resp: 152633
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.5 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110909.D
 Acq: 20 Nov 2018 22:03

Tgt Ion:264 Resp: 79780
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.5 16.7 25.1

