

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 04:23:04 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

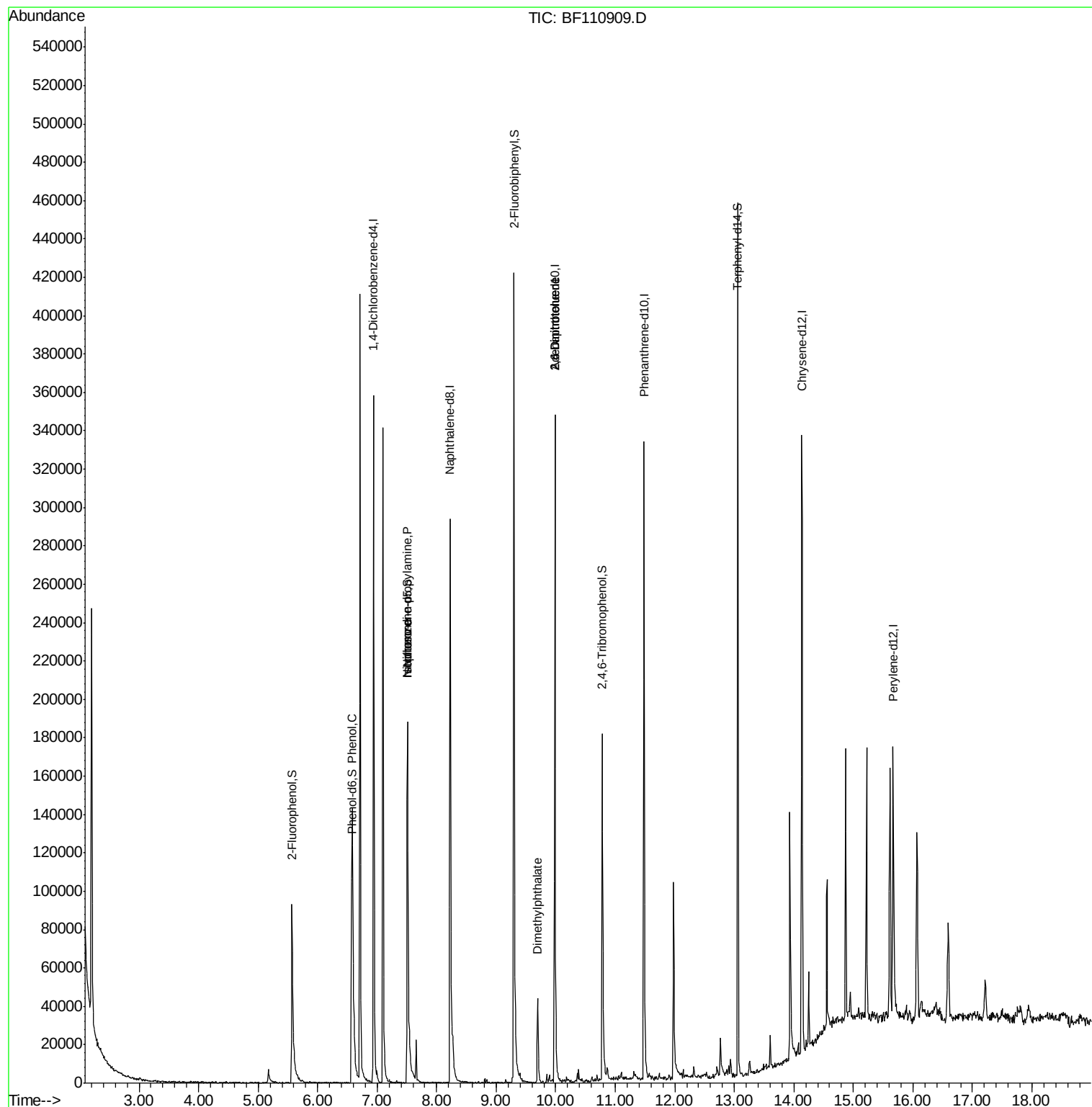
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	163	Below Cal		# 1
10) Phenol	6.58	94	63687	12.604	ng	# 68
19) n-Nitroso-di-n-propylamine	7.51	70	12476	4.485	ng	# 81
25) Isophorone	7.51	82	101514	16.347	ng	# 67
50) Dimethylphthalate	9.69	163	29374	4.550	ng	97
51) 2,6-Dinitrotoluene	9.98	165	10805	7.609	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	10805	5.852	ng	# 17

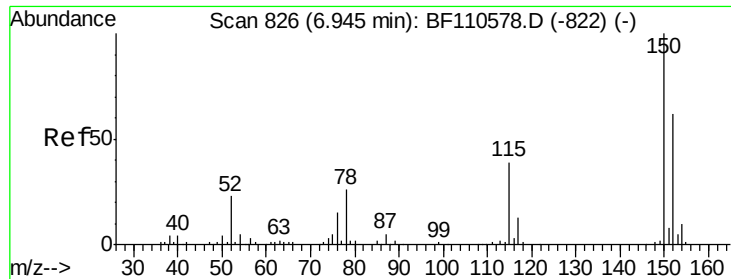
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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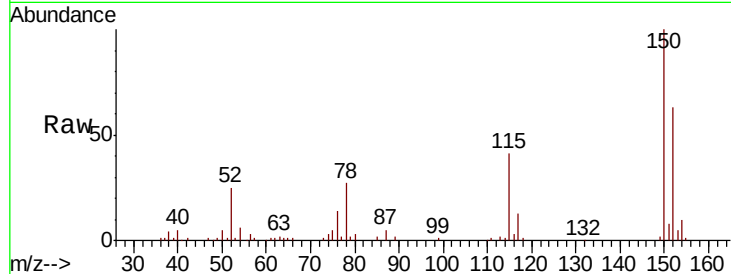


#1

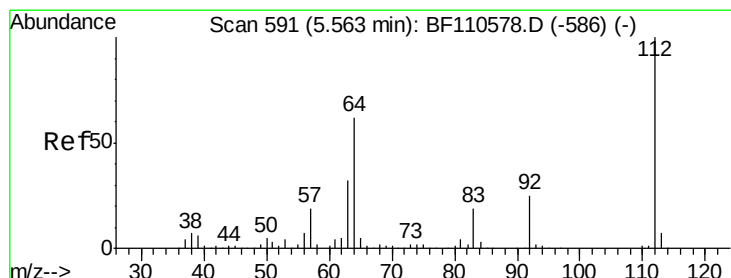
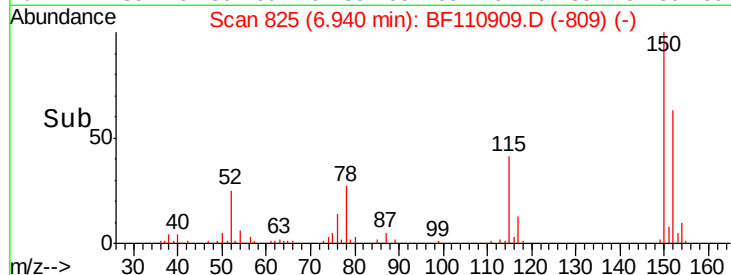
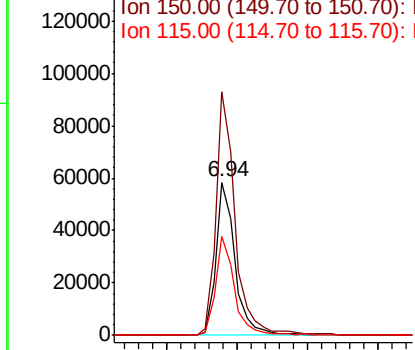
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
W-2

Tgt Ion:152 Resp: 55352
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 64.7 49.1 73.7



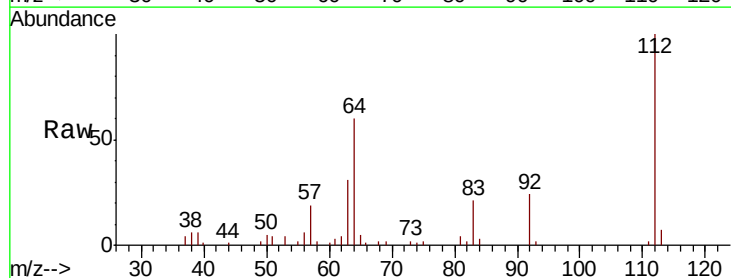
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



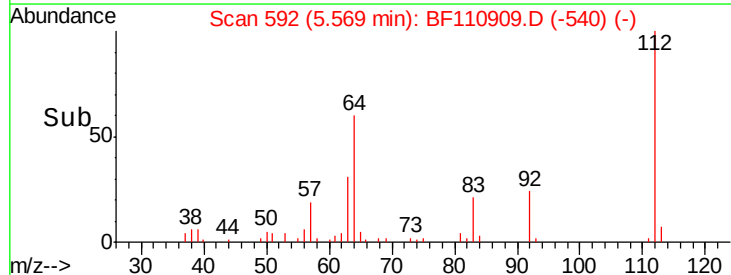
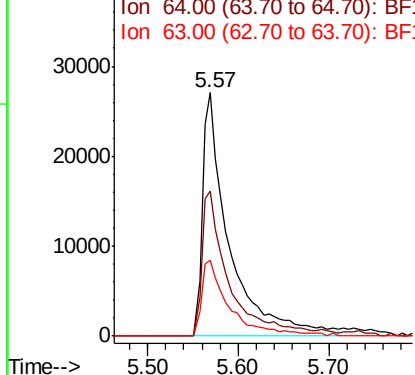
#5

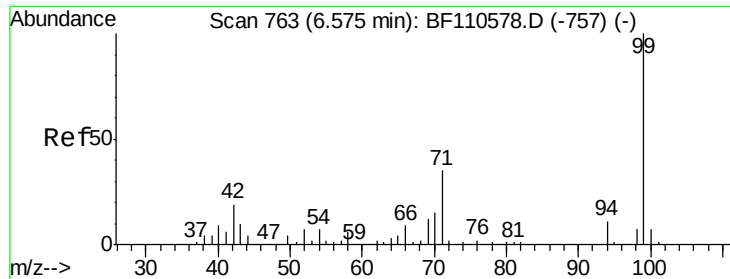
2-Fluorophenol
Concen: 16.332 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion:112 Resp: 55656
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

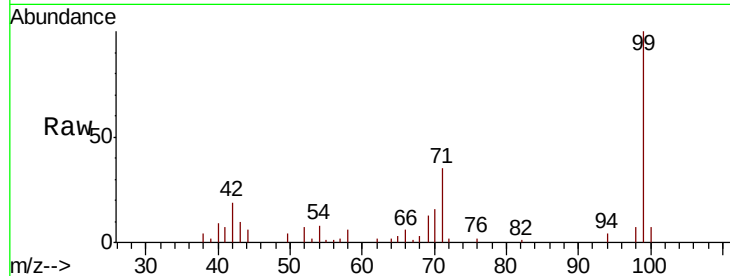
Tgt Ion: 99 Resp: 45822

Ion Ratio Lower Upper

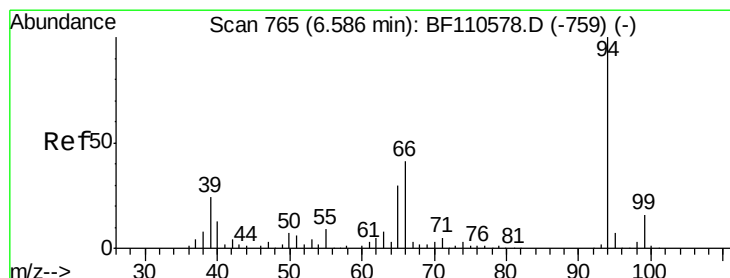
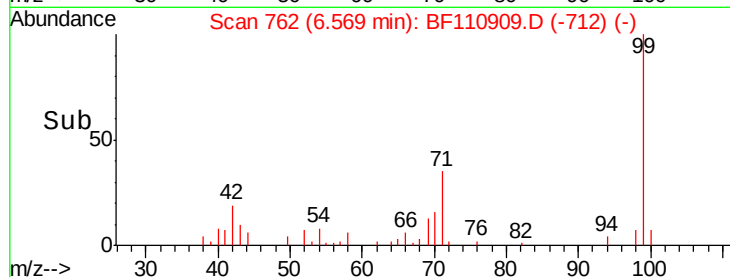
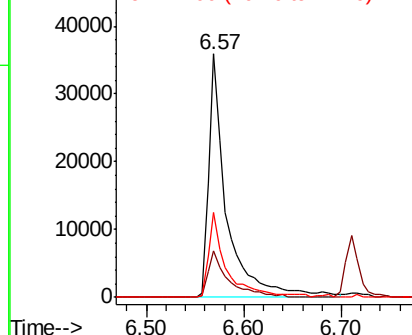
99 100

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

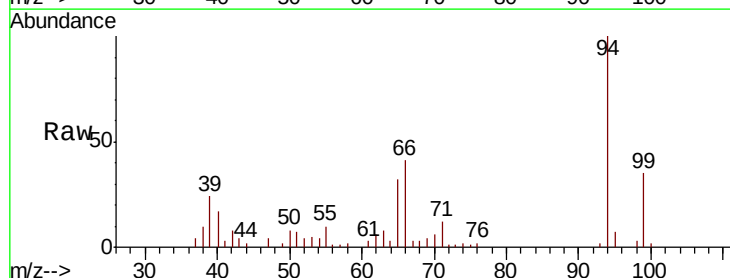
Tgt Ion: 94 Resp: 63687

Ion Ratio Lower Upper

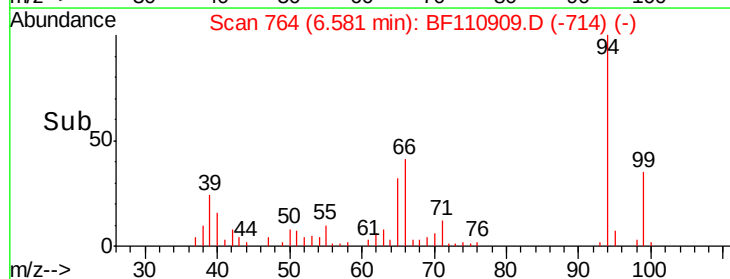
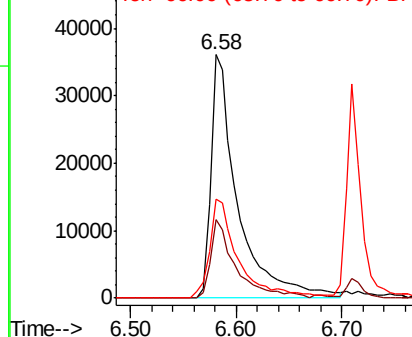
94 100

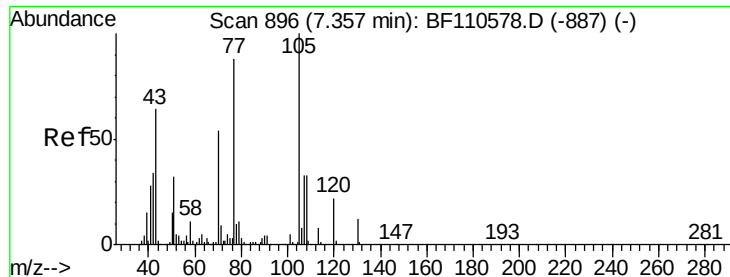
65 32.0 25.3 65.3

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

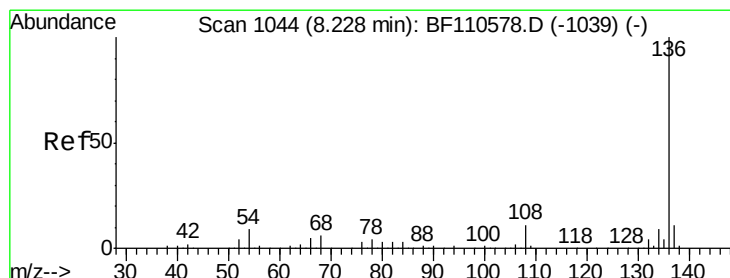
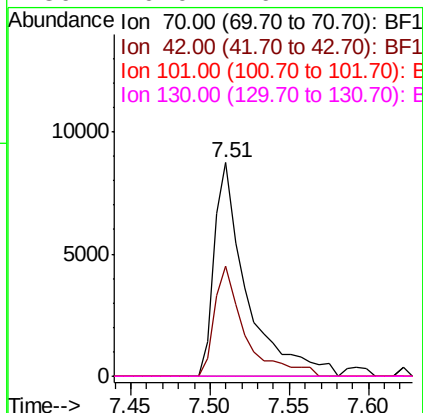
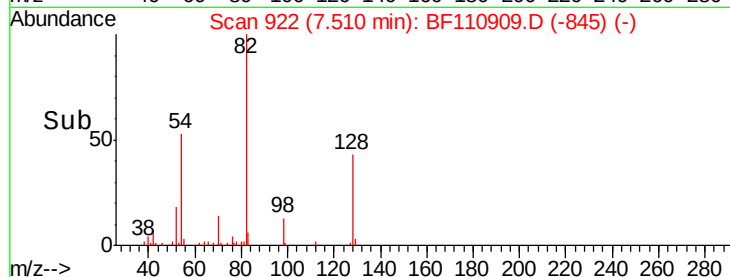
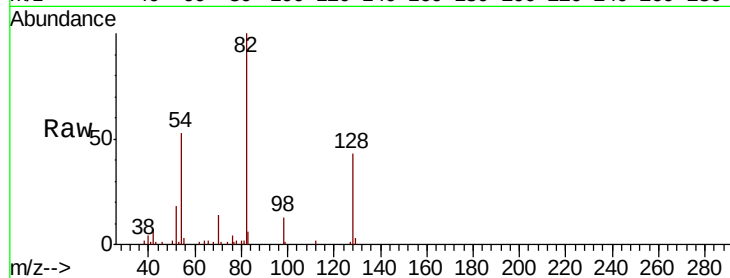




#19
n-Nitroso-di-n-propylamine
Concen: 4.485 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

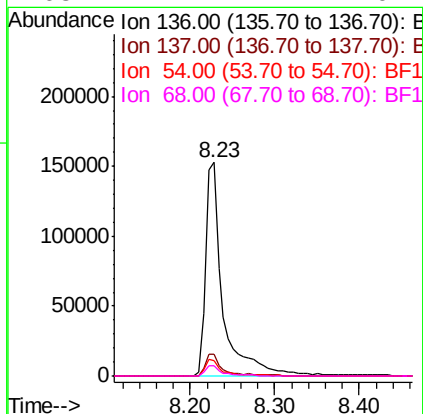
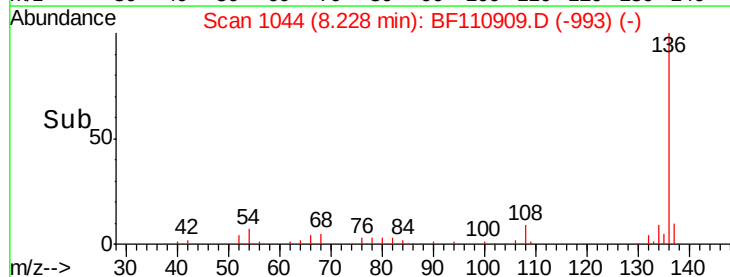
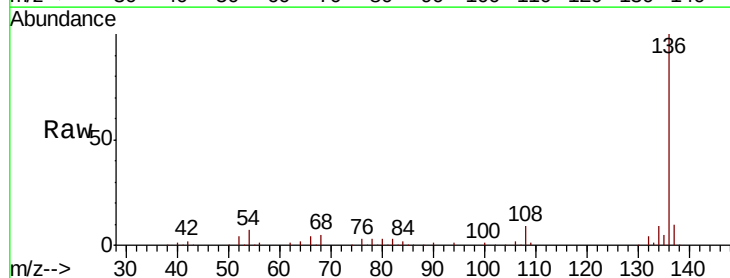
Instrument :
BNA_F
ClientSampleId :
W-2

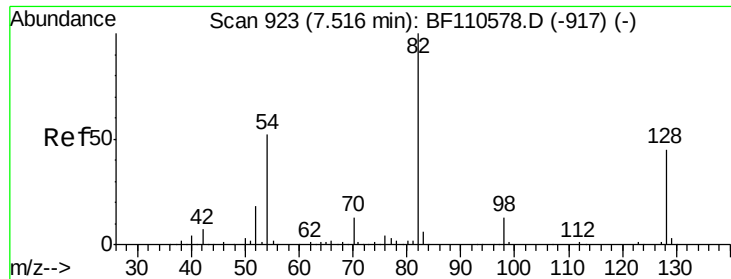
Tgt Ion:	70	Resp:	12476
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



#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

Tgt 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

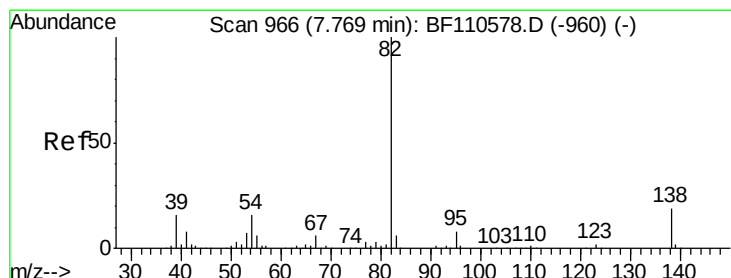
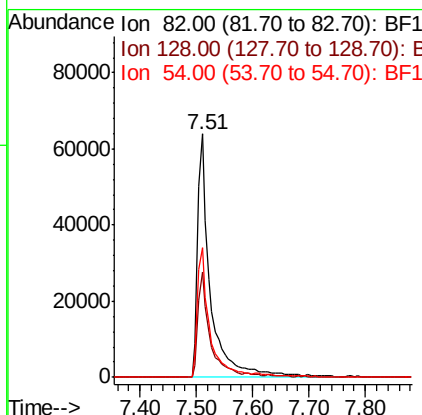
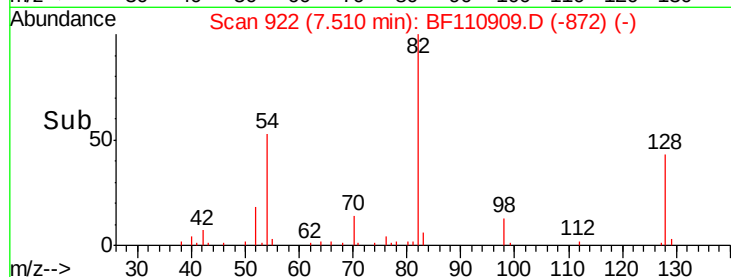
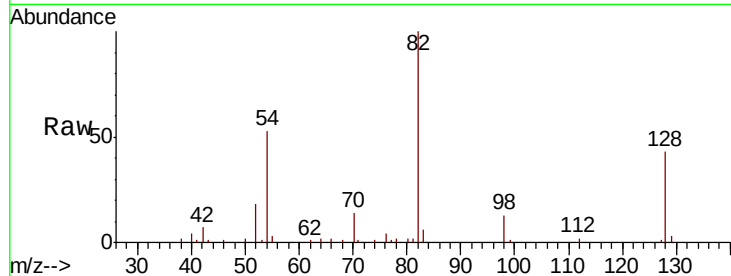




#23
Nitrobenzene-d5
Concen: 26.793 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

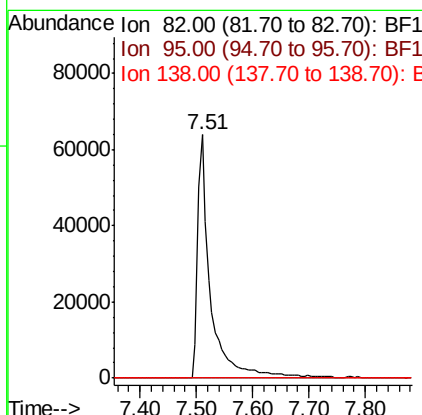
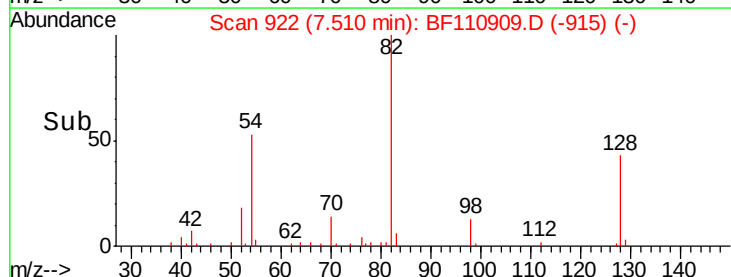
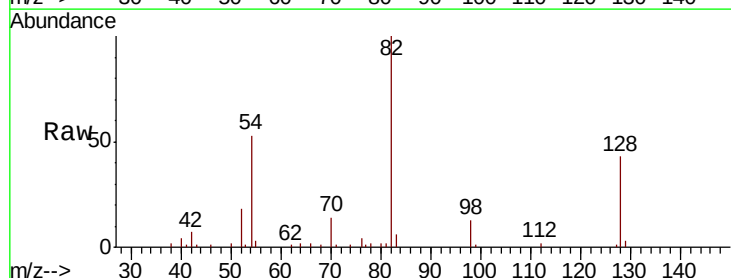
Instrument :
BNA_F
ClientSampleId :
W-2

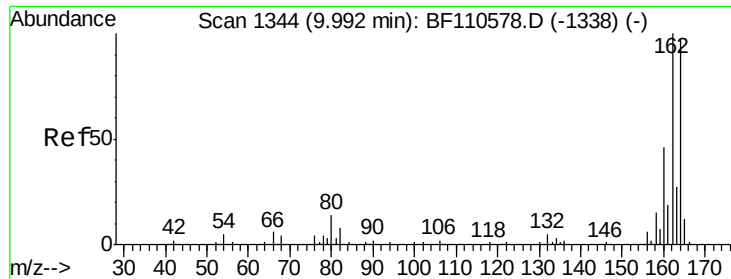
Tgt Ion: 82 Resp: 101514
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.2
54 53.2 38.6 58.0



#25
Isophorone
Concen: 16.347 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Tgt Ion: 82 Resp: 101514
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#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

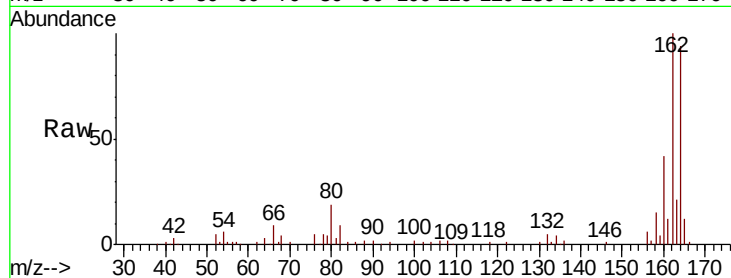
Tgt Ion:164 Resp: 86510

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.6

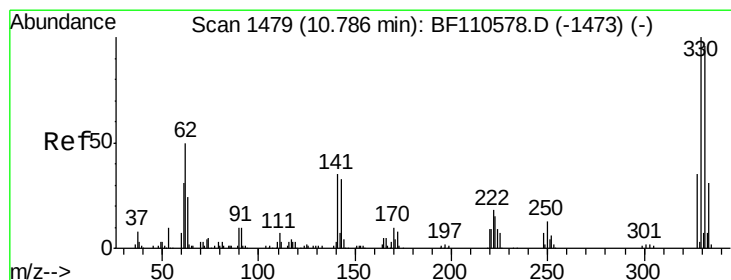
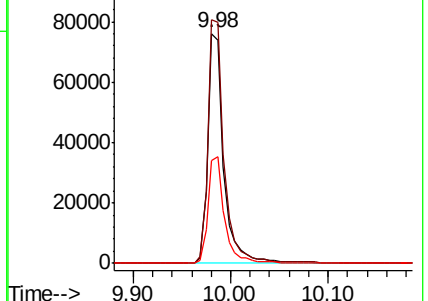
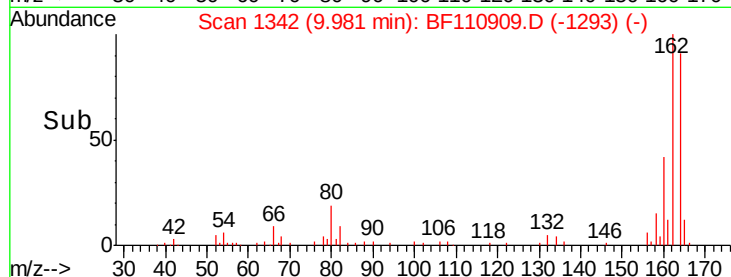
160 44.5 37.0 55.6



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

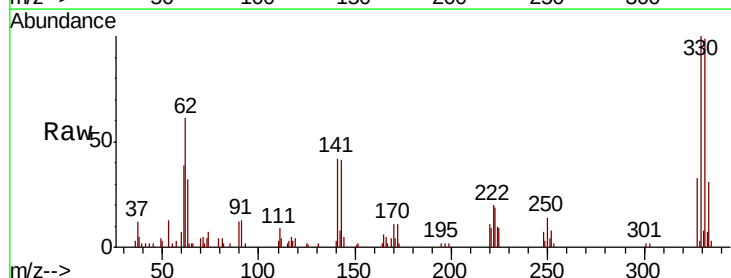
Tgt Ion:330 Resp: 27104

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

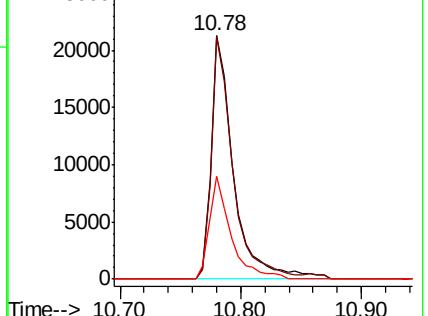
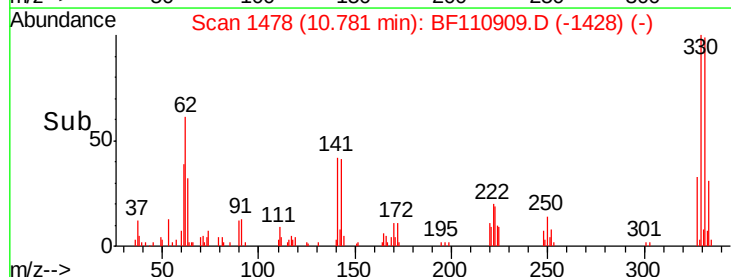
141 40.7 27.0 40.4#

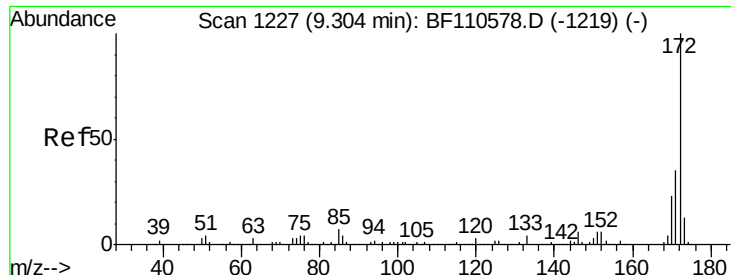


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

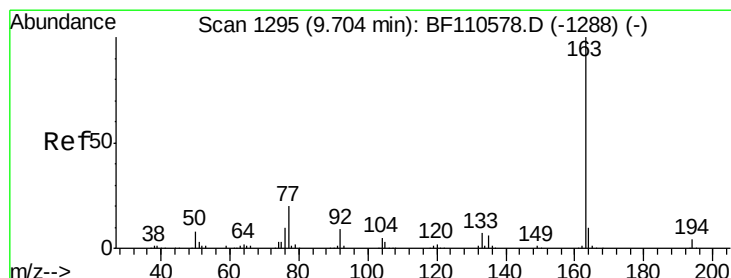
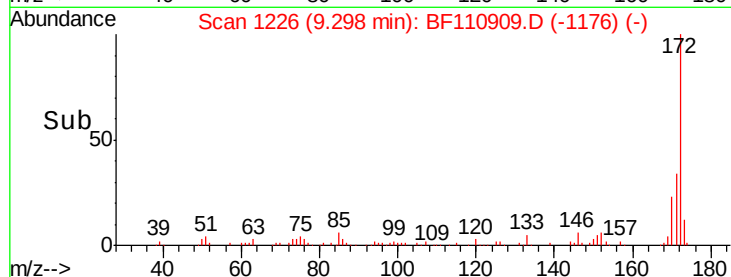
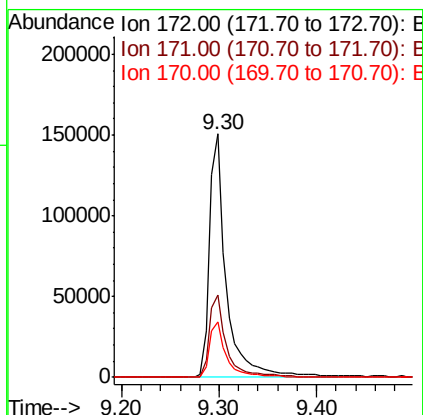
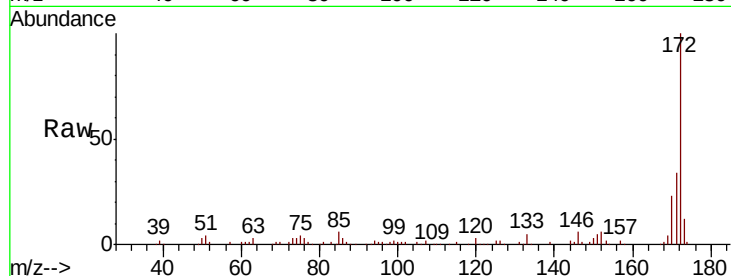




#45
 2-Fluorobiphenyl
 Concen: 29.874 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110909.D
 Acq: 20 Nov 2018 22:03

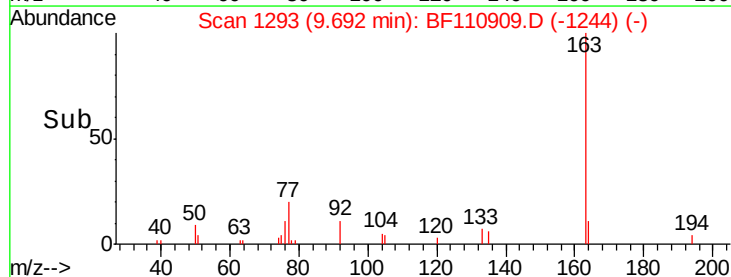
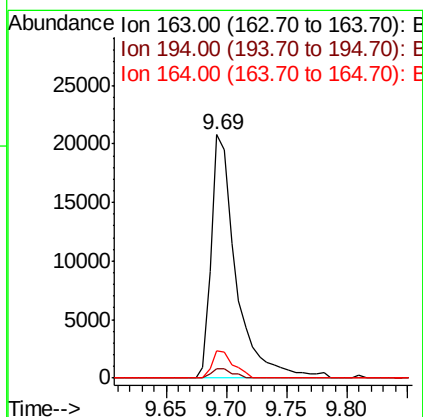
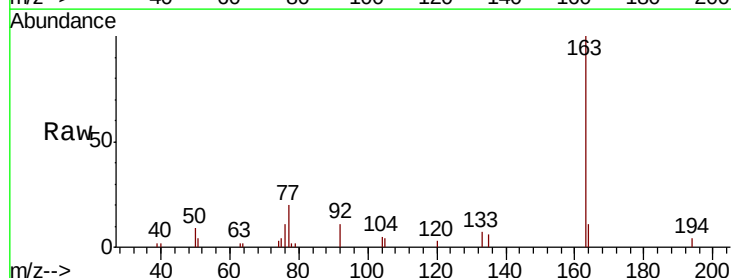
Instrument :
 BNA_F
 ClientSampleId :
 W-2

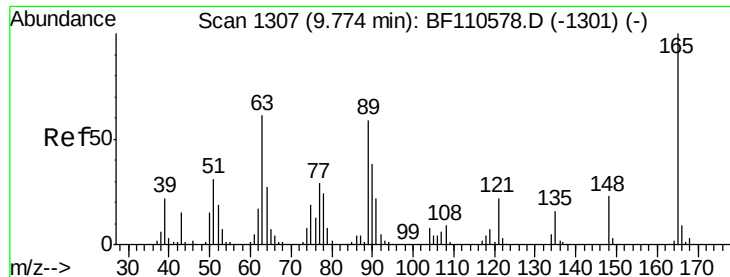
Tgt Ion:172 Resp: 180958
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 43.0
 170 22.8 19.7 29.5



#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:163 Resp: 29374
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 11.3 8.1 12.1

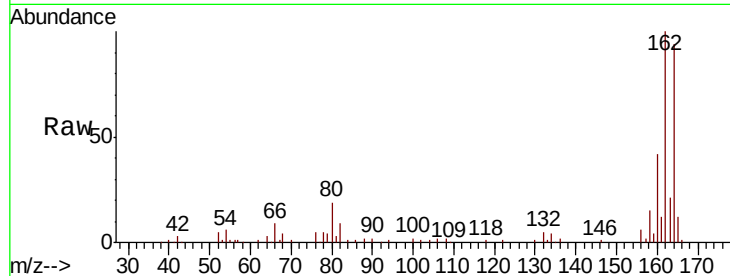




#51
 2,6-Dinitrotoluene
 Concen: 7.609 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110909.D
 Acq: 20 Nov 2018 22:03

Instrument :
 BNA_F
 ClientSampled :
 W-2

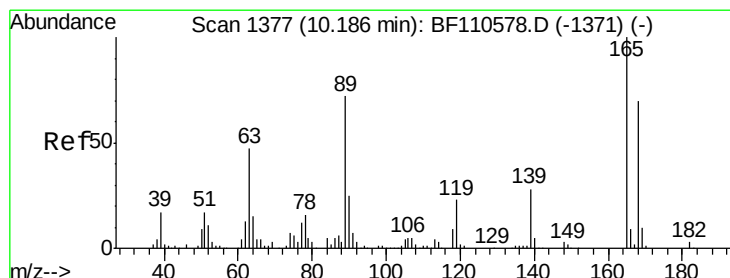
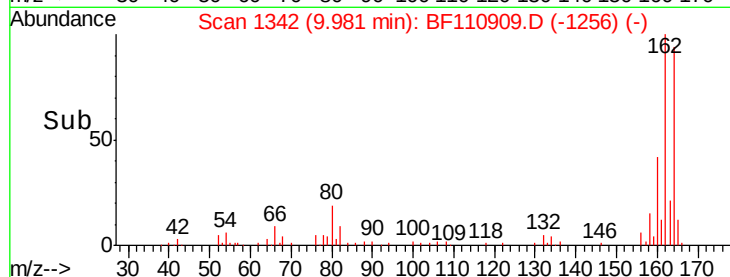
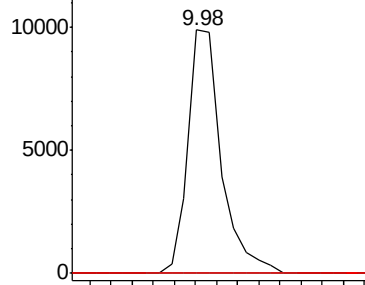
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

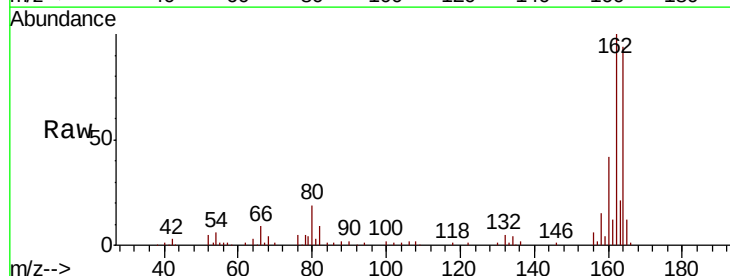
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.852 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110909.D
 Acq: 20 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

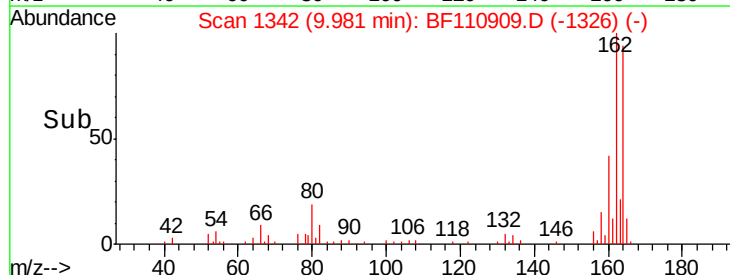
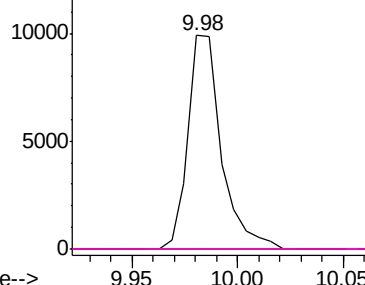


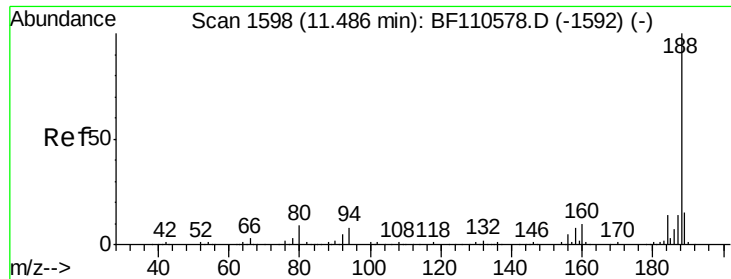
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

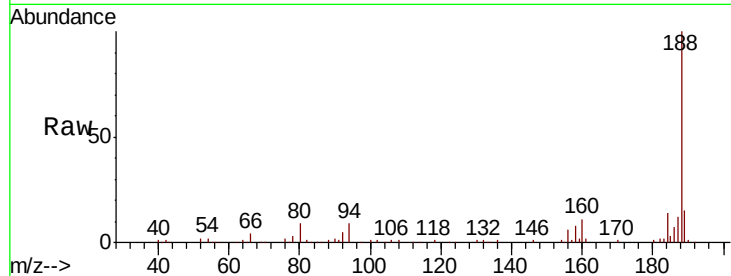




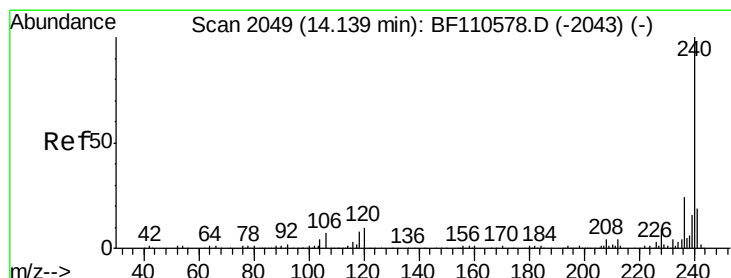
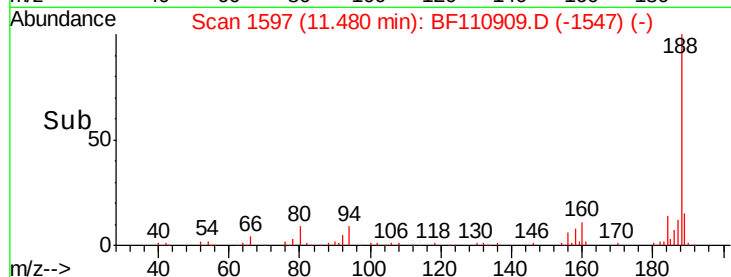
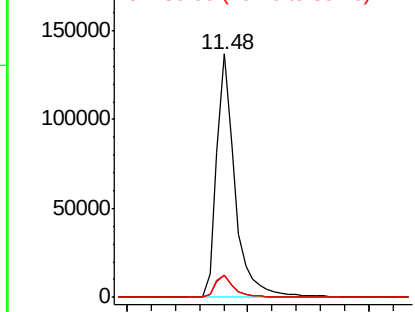
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
W-2

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

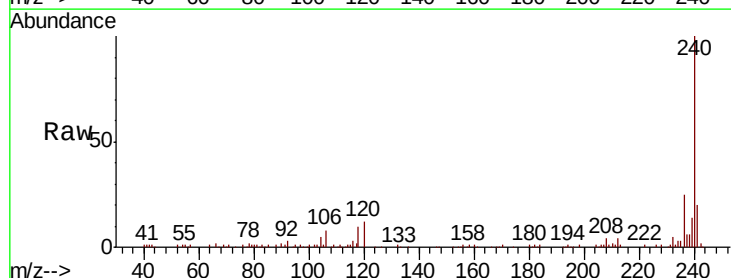


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

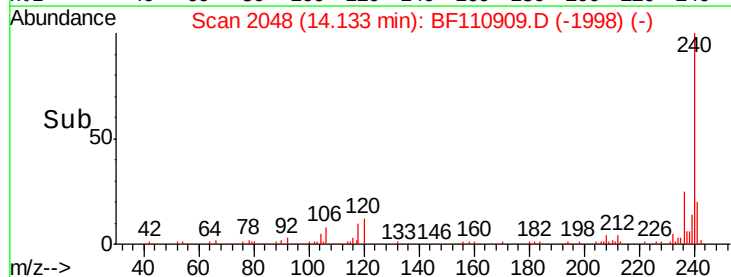
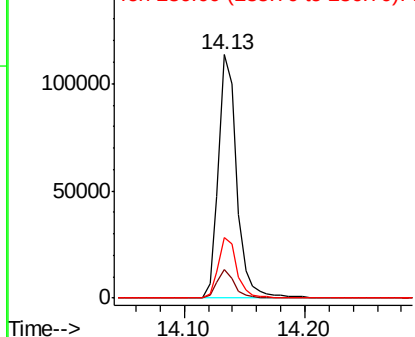


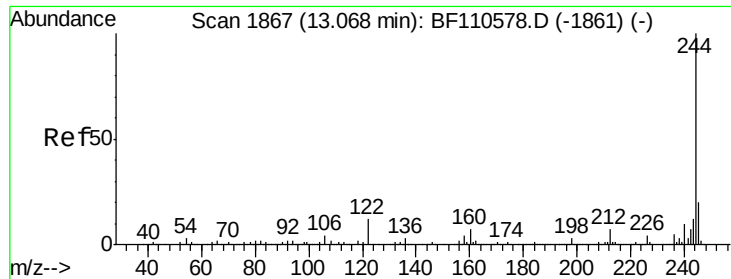
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110909.D
Acq: 20 Nov 2018 22:03

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

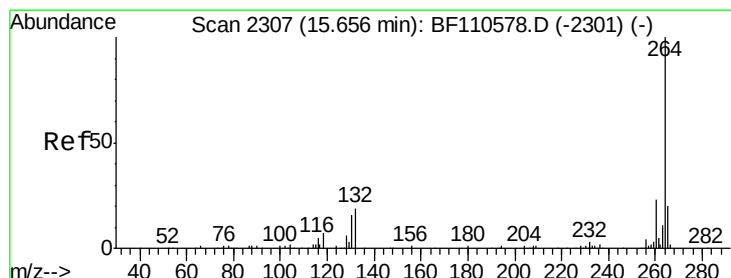
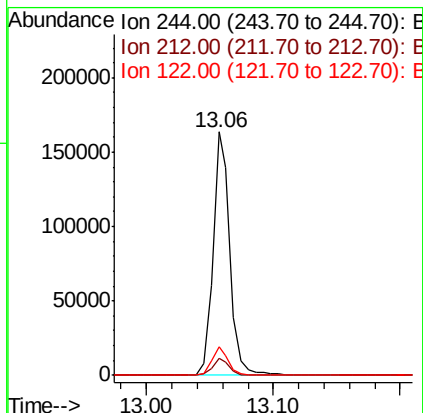
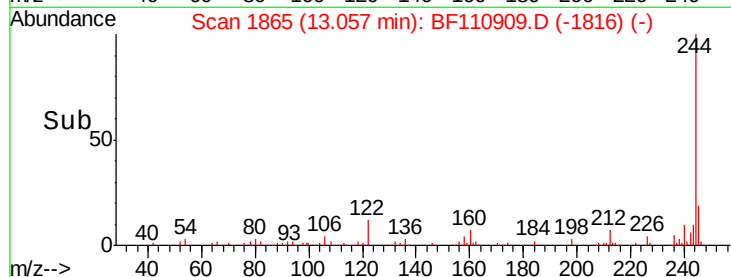
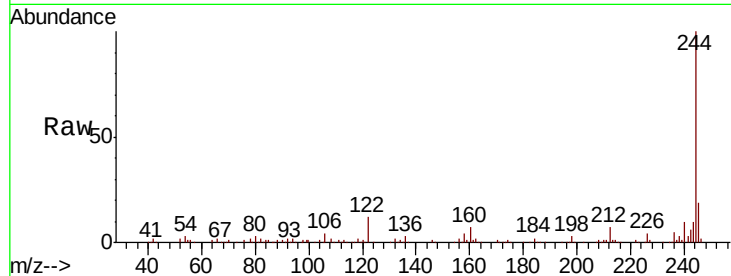
Tgt Ion:244 Resp: 152633

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

