

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110559.D
 Acq On : 7 Nov 2018 17:00
 Operator : JU/SJ
 Sample : J5839-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:21:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

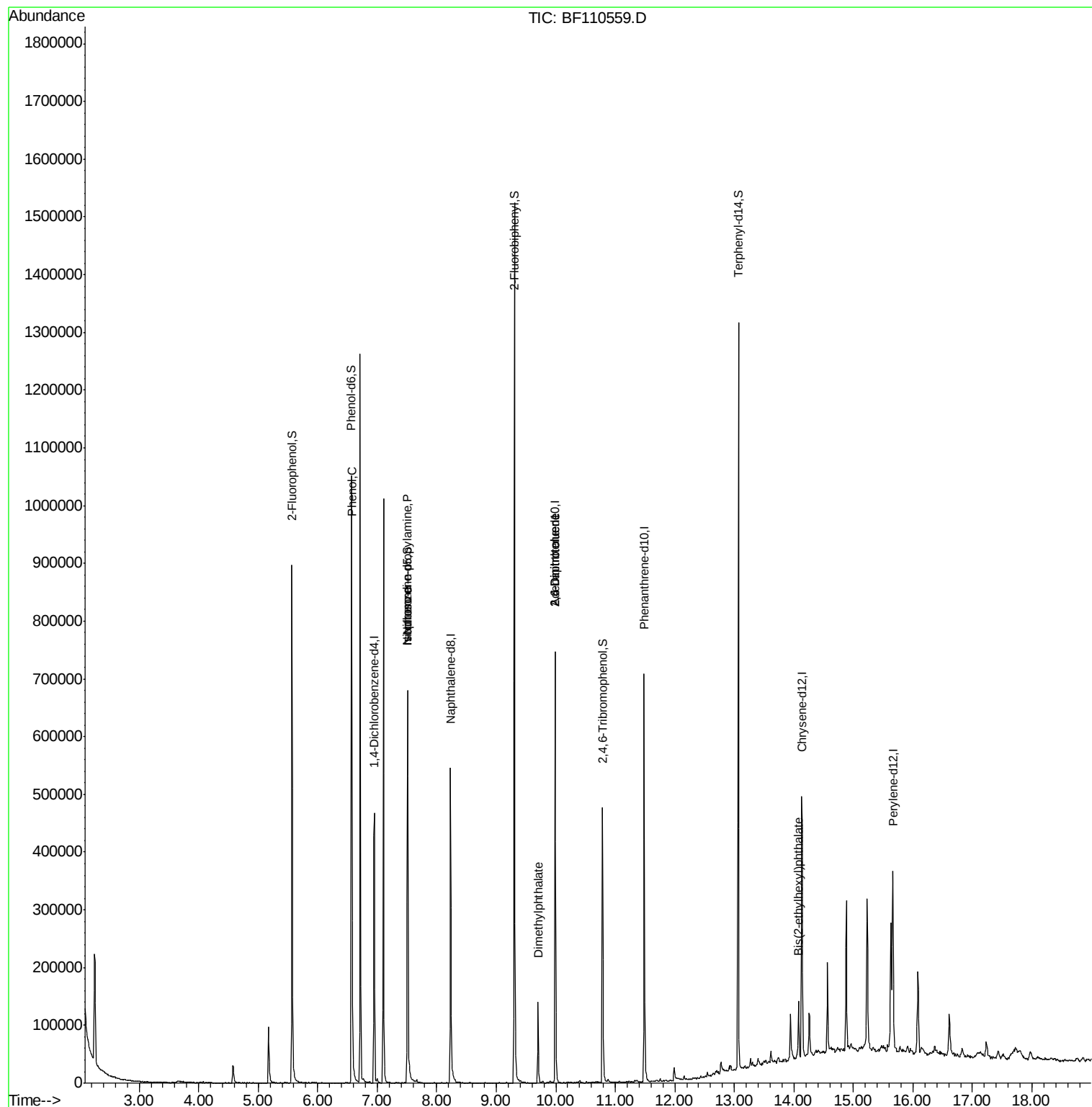
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72109	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	306163	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	148636	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	277854	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164741	20.00	ng	0.00
87) Perylene-d12	15.66	264	161232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	248168	56.04	ng	0.00
7) Phenol-d6	6.57	99	382443	67.52	ng	-0.01
23) Nitrobenzene-d5	7.51	82	238316	46.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	64766	43.99	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	500140	52.84	ng	-0.01
79) Terphenyl-d14	13.07	244	440916	55.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	627	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	23592	3.897 ng		79
19) n-Nitroso-di-n-propylamine	7.51	70	31219	8.592 ng	#	82
25) Isophorone	7.51	82	238313	27.085 ng	#	67
50) Dimethylphthalate	9.70	163	68296	6.225 ng		100
51) 2,6-Dinitrotoluene	9.99	165	18883	7.990 ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	18883	6.290 ng	#	18
84) Bis(2-ethylhexyl)phthalate	14.08	149	32424	4.679 ng		96

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

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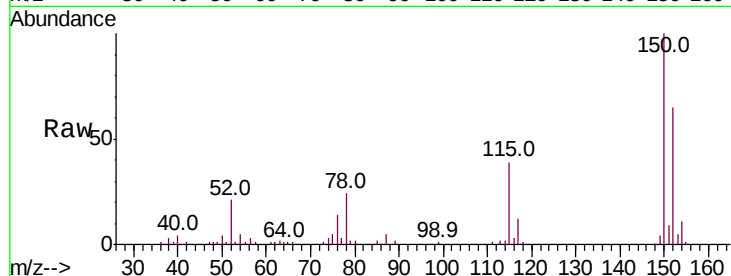


#1

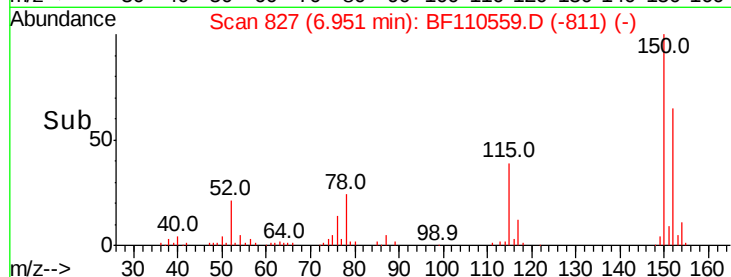
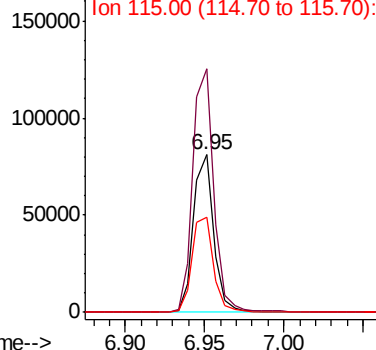
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110559.D
 Acq: 7 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	60.1	49.1	73.7



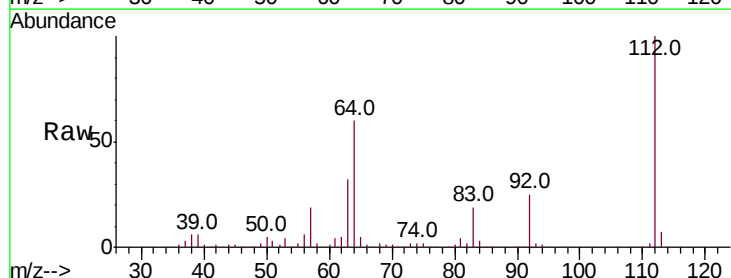
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



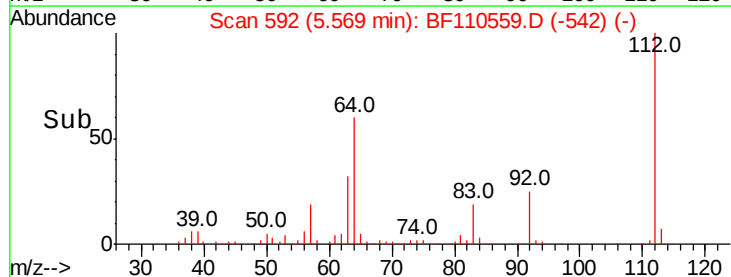
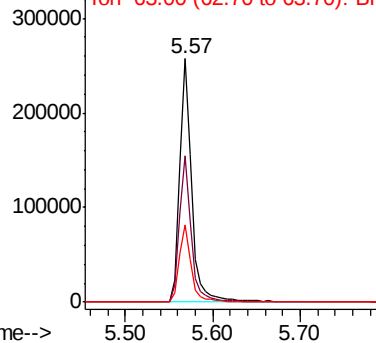
#5

2-Fluorophenol
 Concen: 56.044 ng
 RT: 5.57 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF110559.D
 Acq: 7 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.8	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: 67.524 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

Instrument :

BNA_F

ClientSampled :

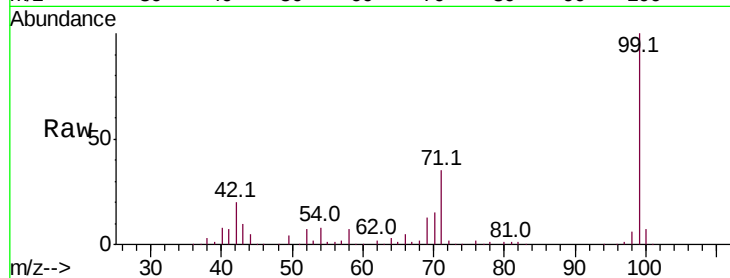
Tot Ion: 99 Resp: 382443

Ion Ratio Lower Upper

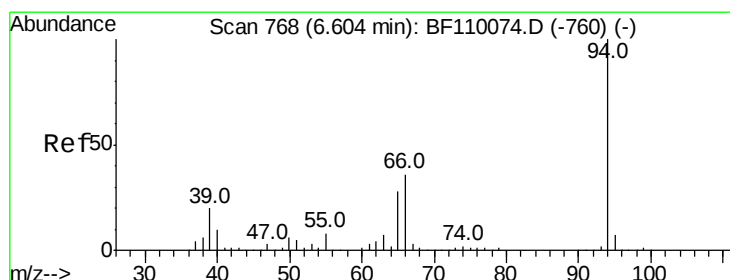
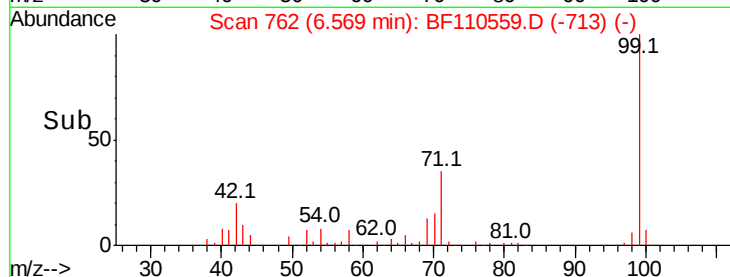
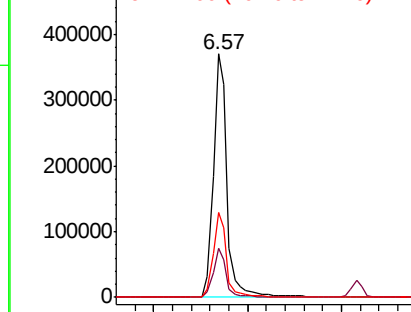
99 100

42 20.3 15.8 23.6

71 34.8 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: 3.897 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

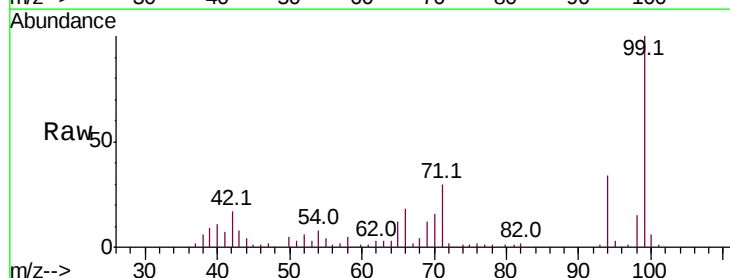
Tgt Ion: 94 Resp: 23592

Ion Ratio Lower Upper

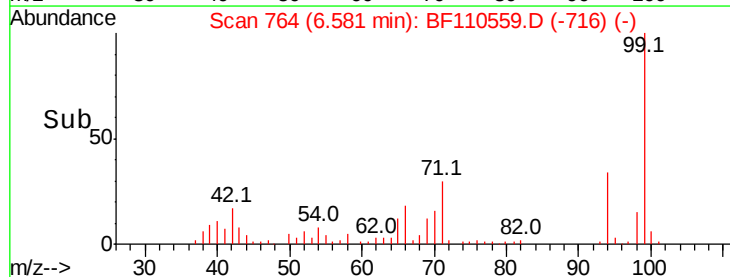
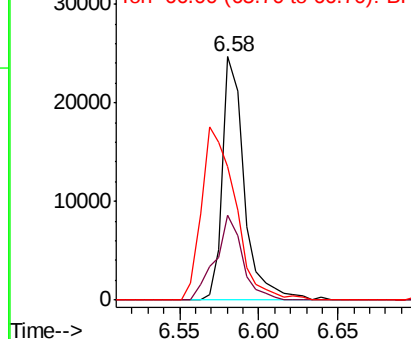
94 100

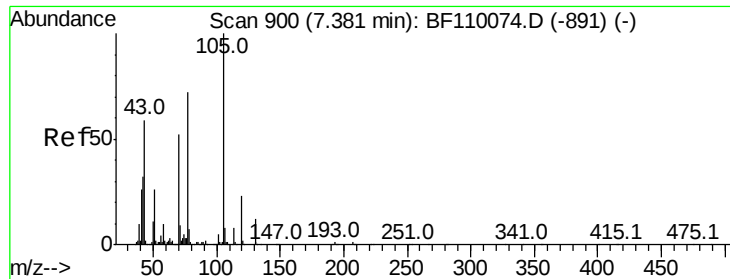
65 34.7 25.3 65.3

66 54.7 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

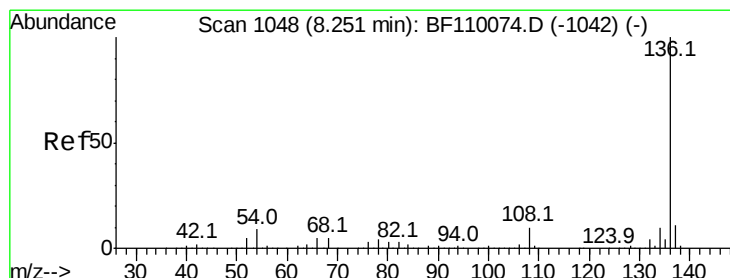
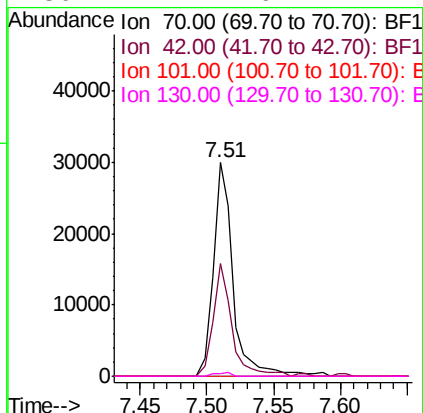
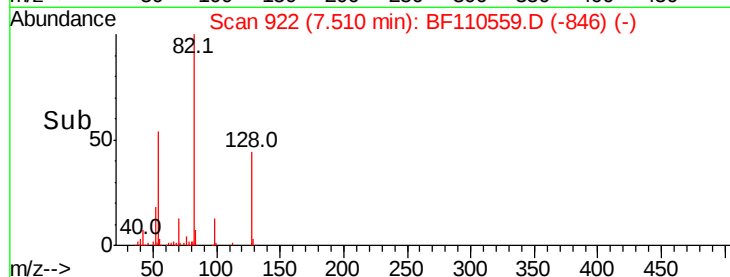
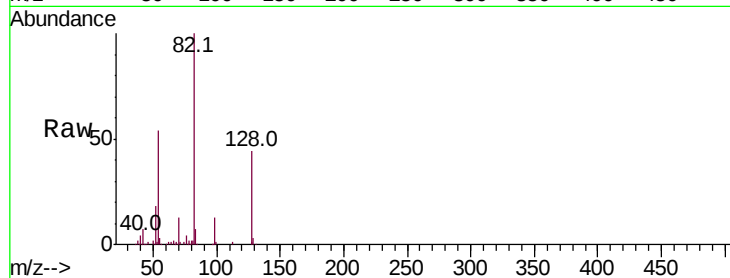




#19
n-Nitroso-di-n-propylamine
Concen: 8.592 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

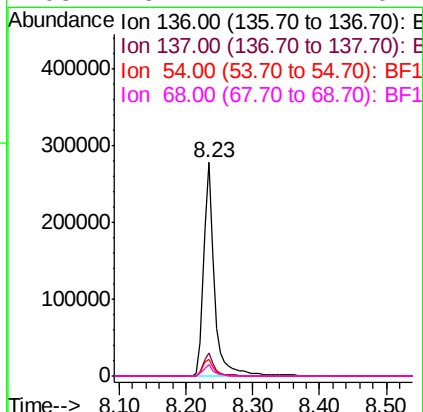
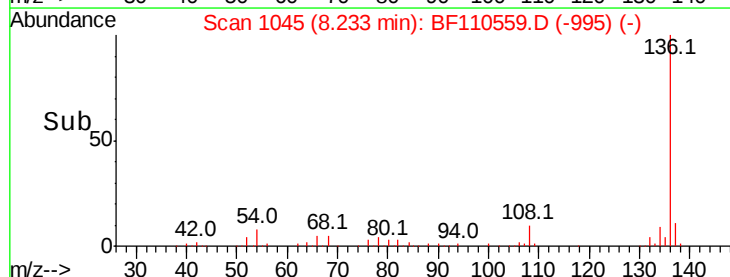
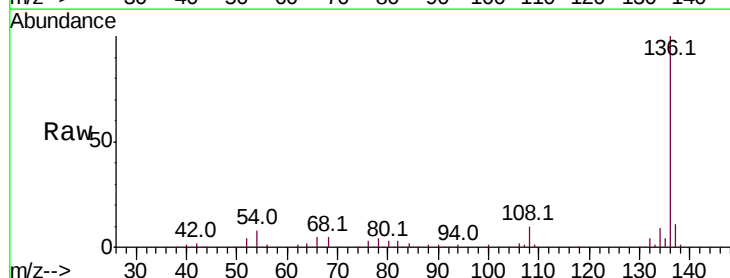
Instrument :
BNA_F
ClientSampleId :

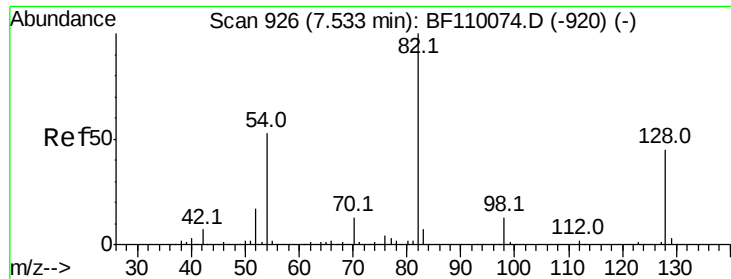
Tot Ion: 70 Resp: 31219
Ion Ratio Lower Upper
70 100
42 52.6 47.4 71.2
101 0.0 7.3 10.9#
130 1.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

Tgt Ion: 136 Resp: 306163
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 5.4 8.2
68 5.1 4.2 6.2

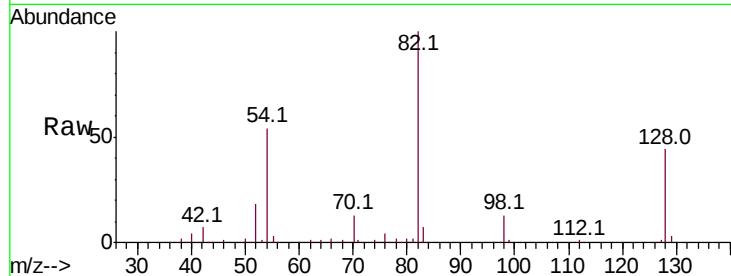




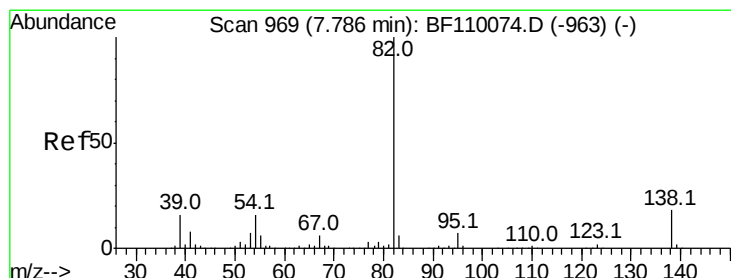
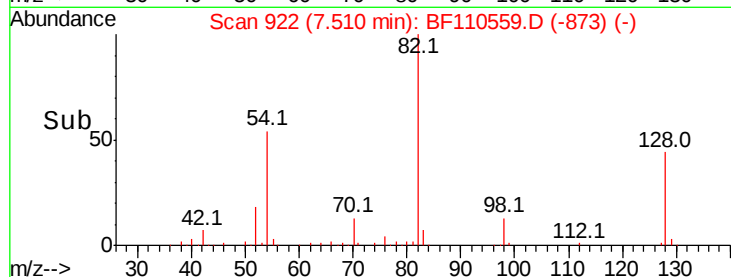
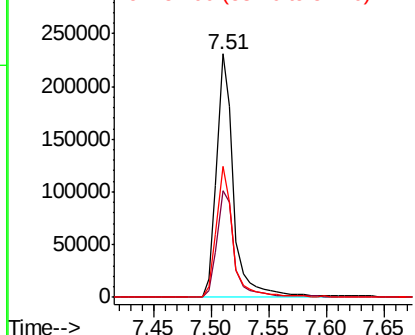
#23
Nitrobenzene-d5
Concen: 46.169 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	53.9	38.6	58.0

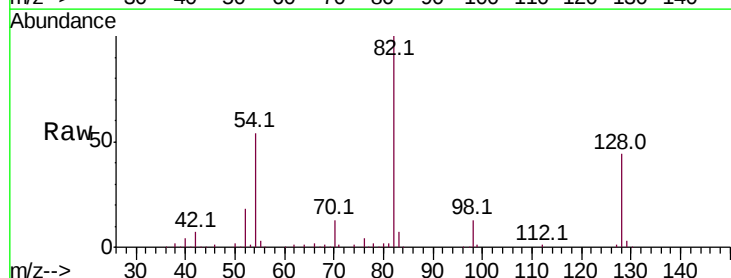


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

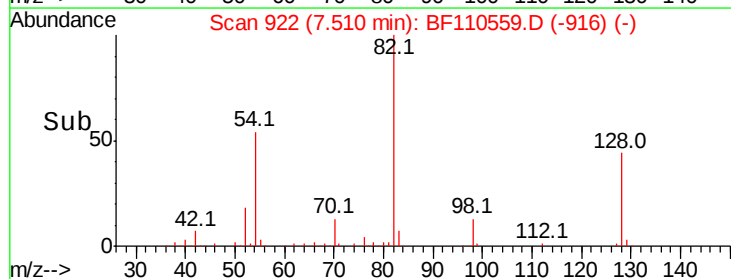
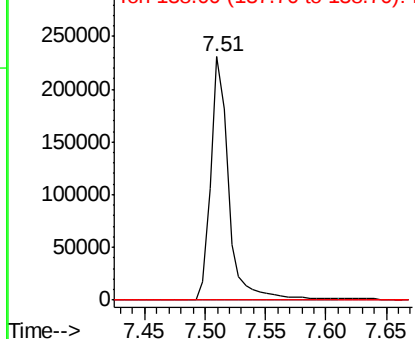


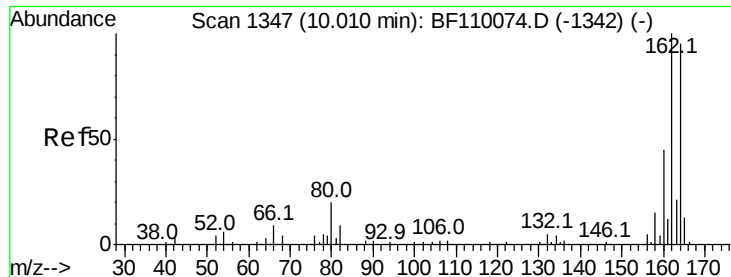
#25
Isophorone
Concen: 27.085 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

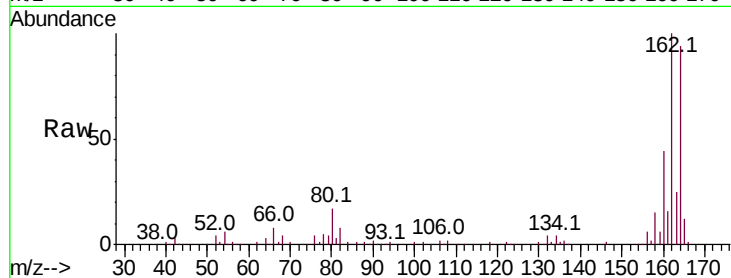
Tot Ion:164 Resp: 148636

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.6

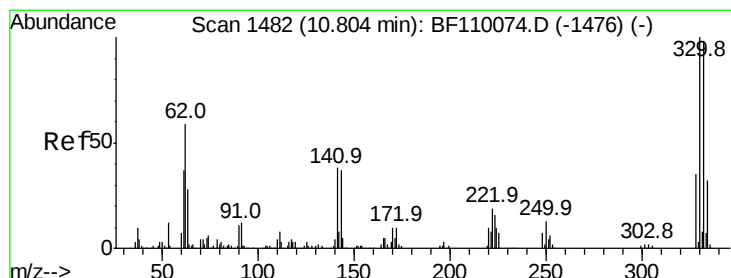
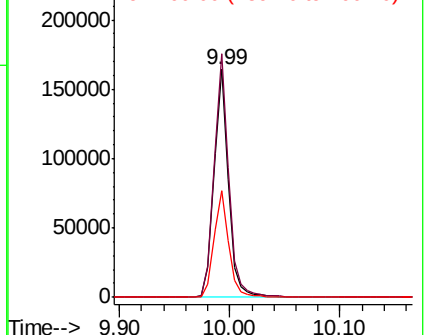
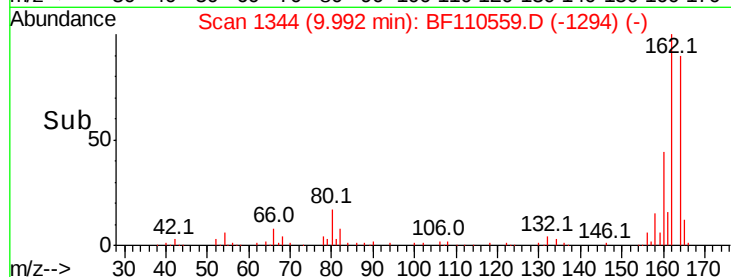
160 46.9 37.0 55.6



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: 43.989 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

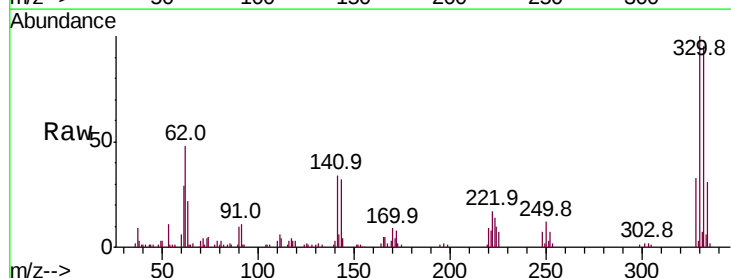
Tgt Ion:330 Resp: 64766

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

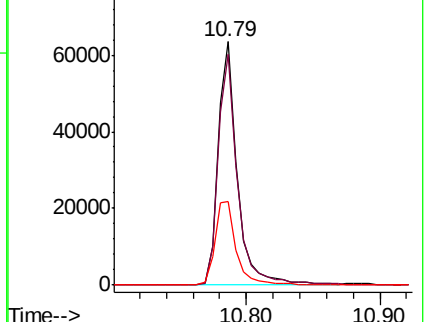
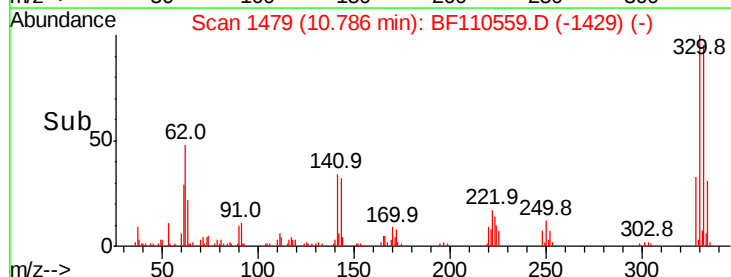
141 37.2 27.0 40.4

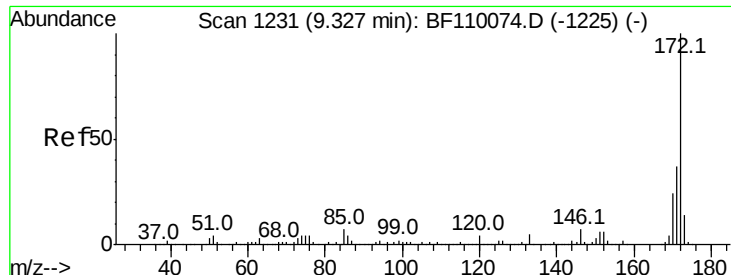


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

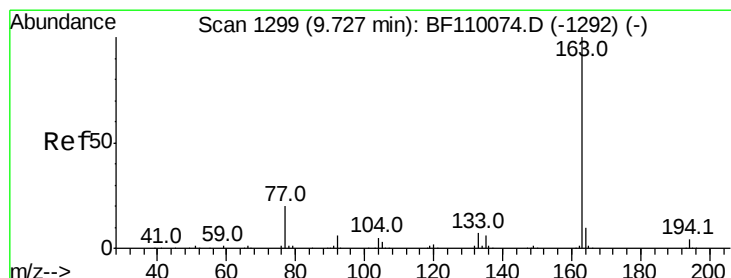
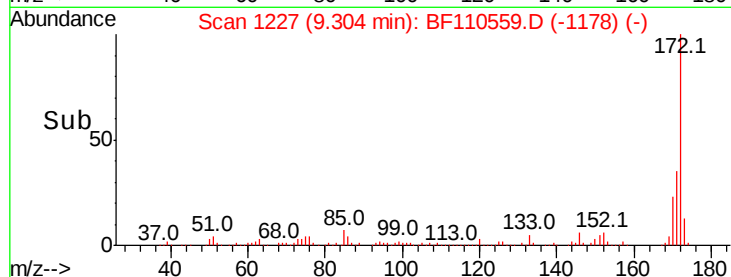
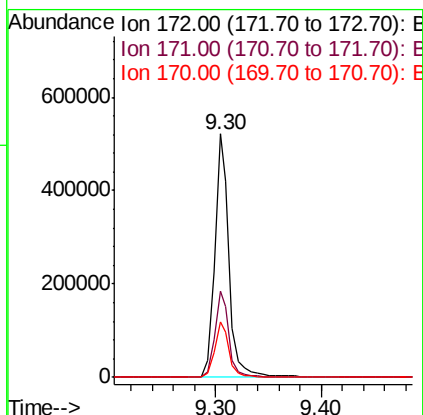
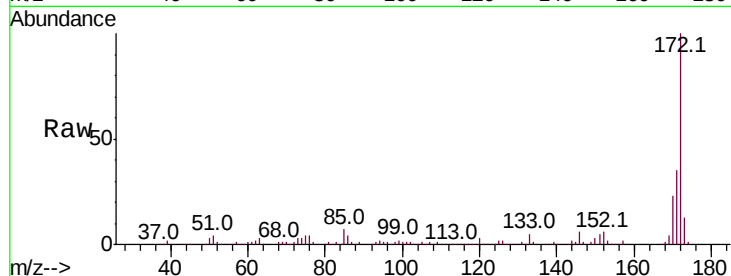




#45
2-Fluorobiphenyl
Concen: 52.837 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

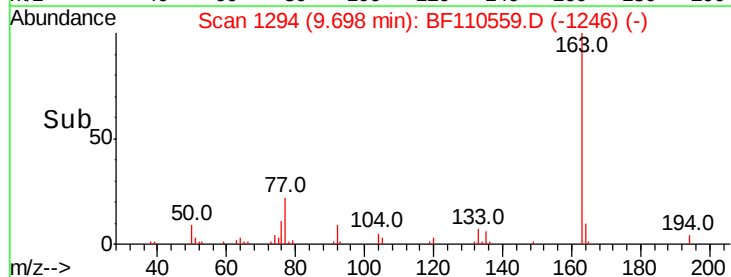
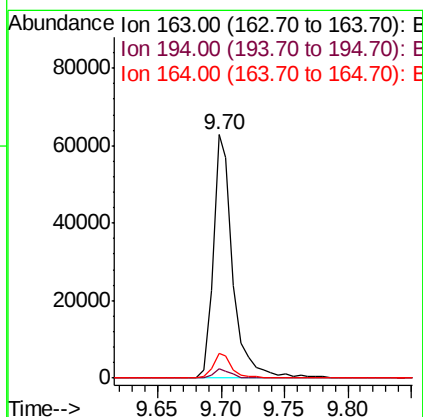
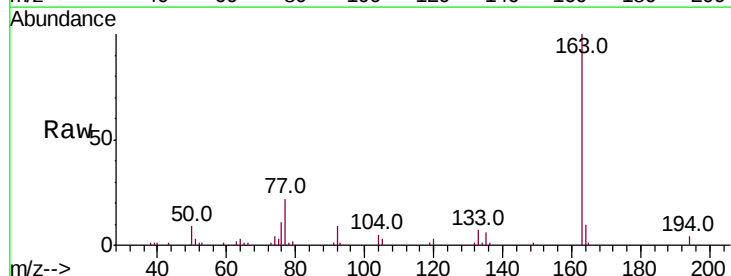
Instrument :
BNA_F
ClientSampleId :

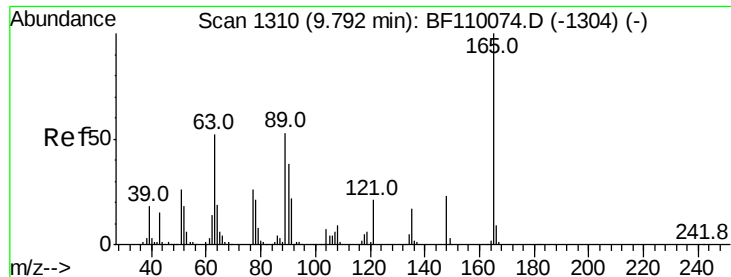
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.7	19.7	29.5



#50
Dimethylphthalate
Concen: 6.225 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110559.D
Acq: 7 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	8.1	12.1

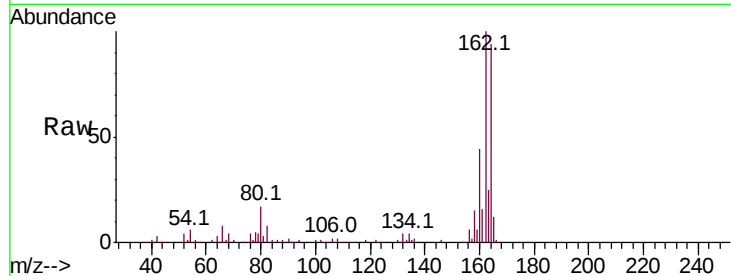




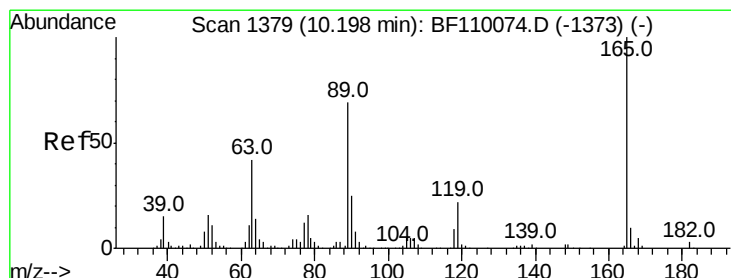
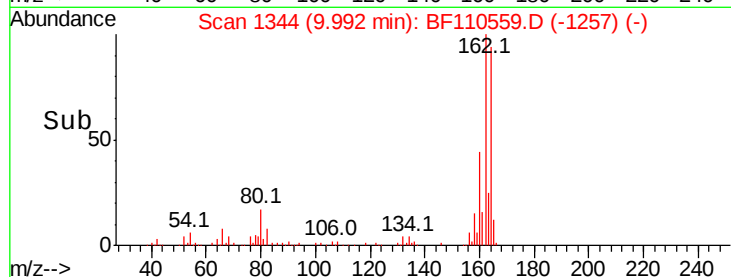
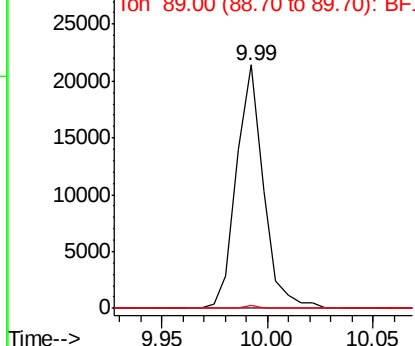
#51
 2,6-Dinitrotoluene
 Concen: 7.990 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF110559.D
 Acq: 7 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.5	46.6	69.8#



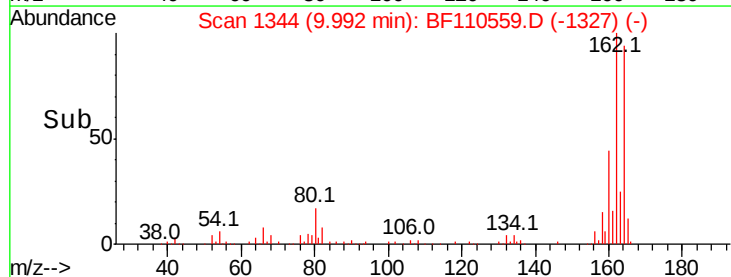
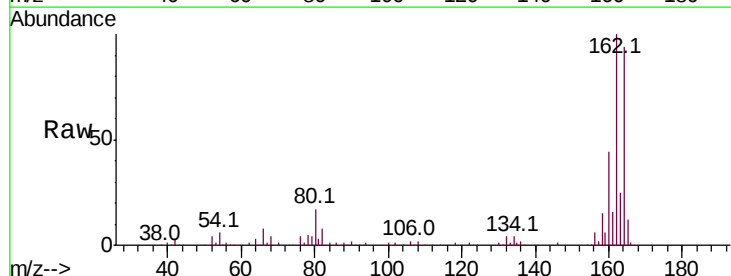
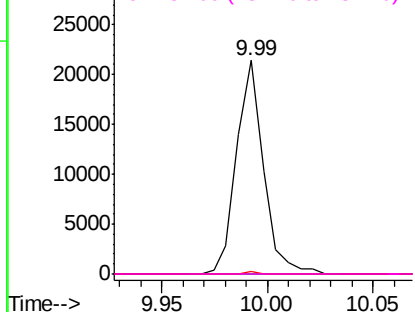
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

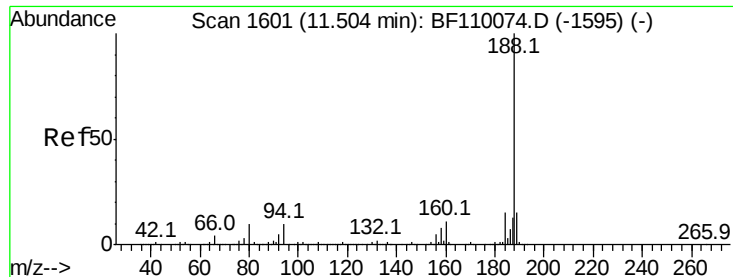


#57
 2,4-Dinitrotoluene
 Concen: 6.290 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110559.D
 Acq: 7 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.5	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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

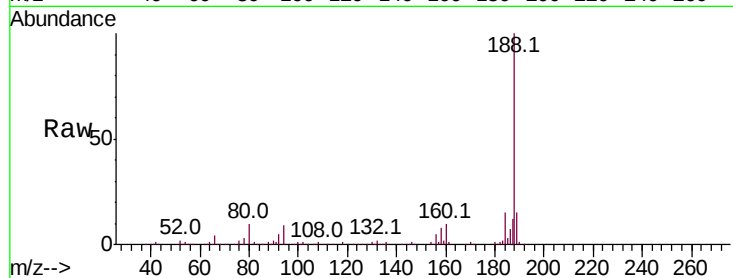
Tot Ion:188 Resp: 277854

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

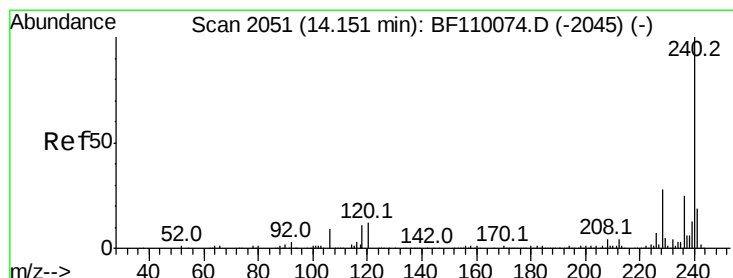
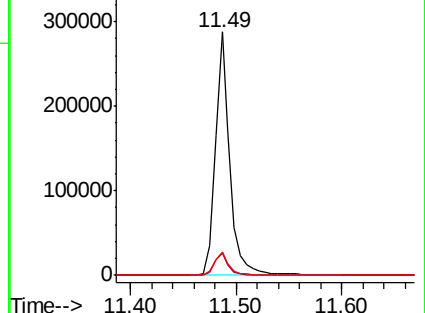
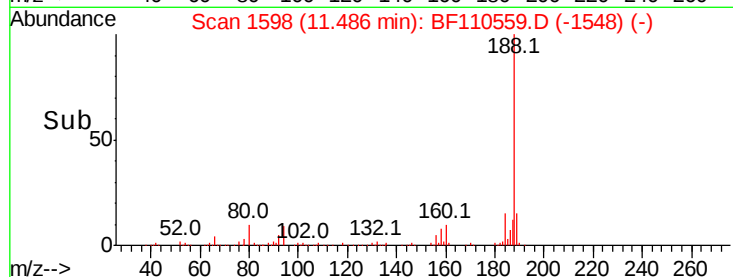
80 9.8 7.9 11.9



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: BF110559.D

Acq: 7 Nov 2018 17:00

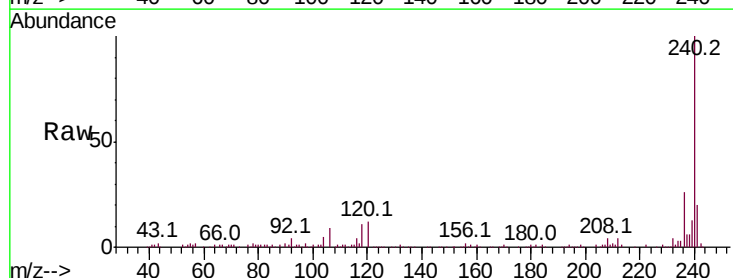
Tgt Ion:240 Resp: 164741

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

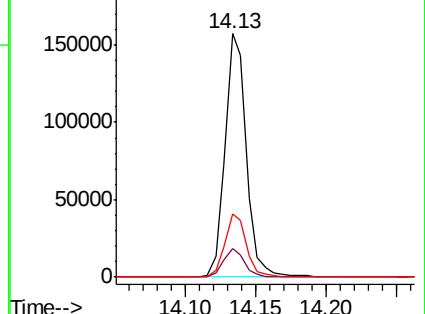
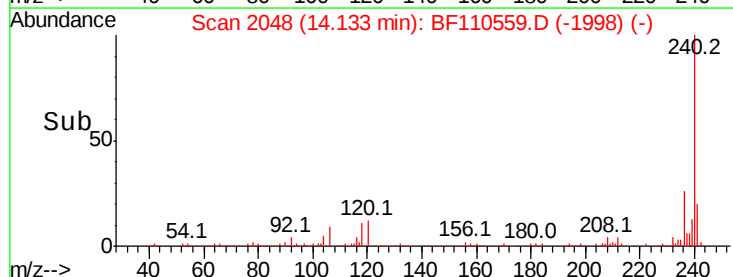
236 26.1 21.2 31.8

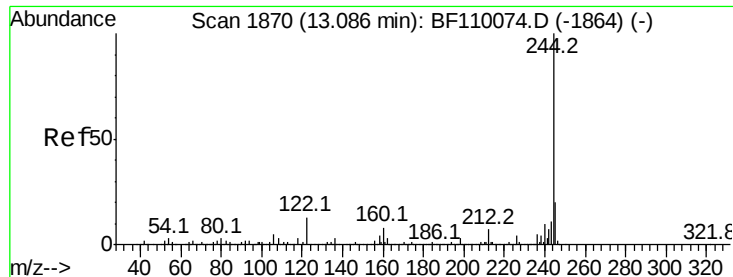


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.662 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

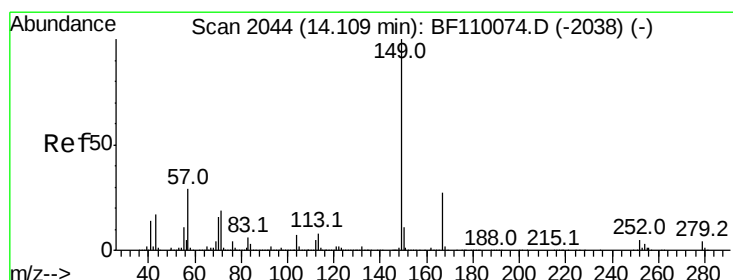
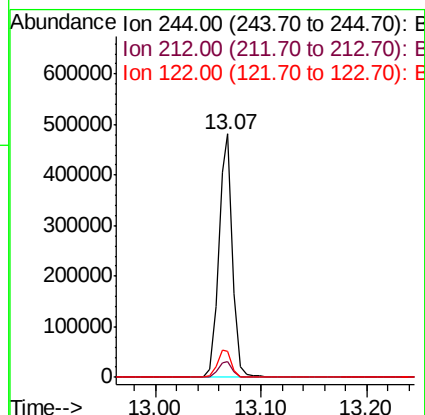
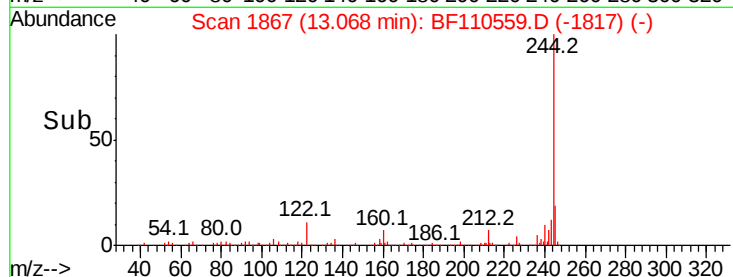
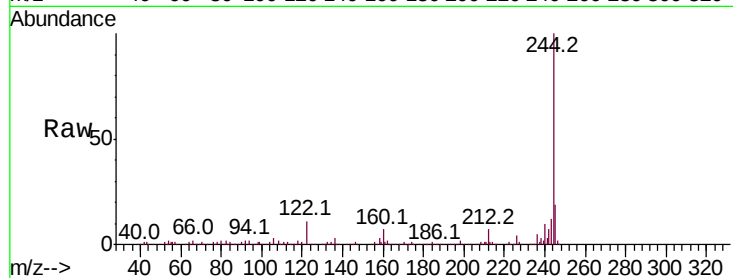
Tot Ion:244 Resp: 440916

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 10.7 8.7 13.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.679 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110559.D

Acq: 7 Nov 2018 17:00

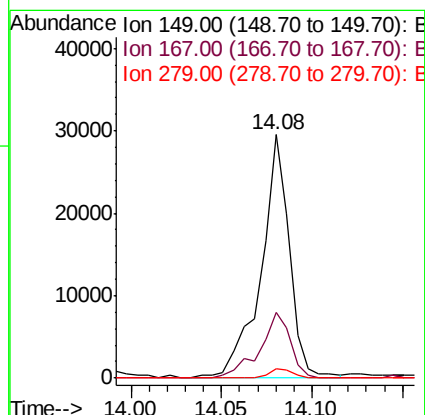
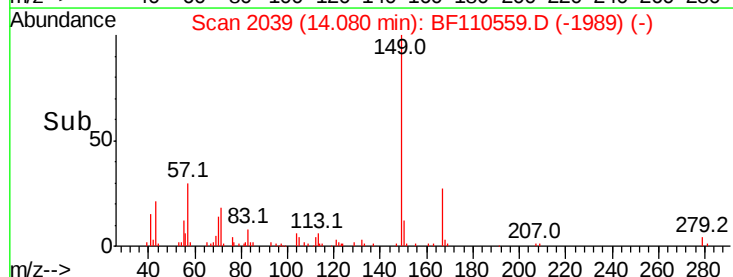
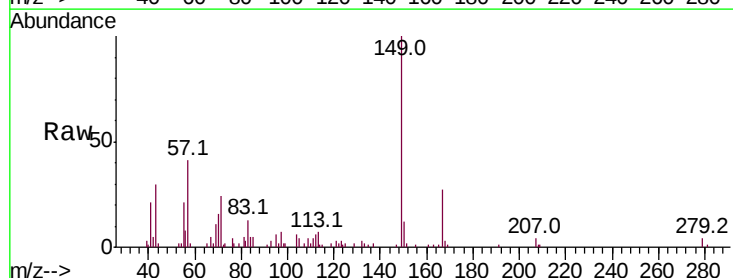
Tgt Ion:149 Resp: 32424

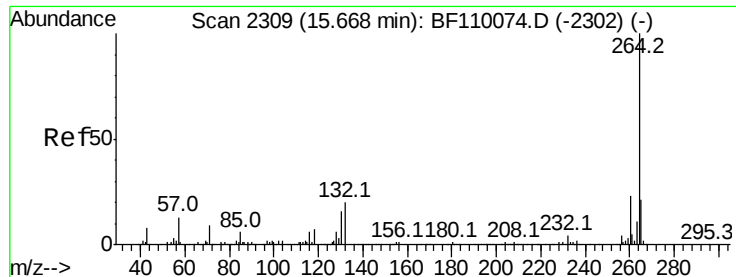
Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

279 3.8 2.7 4.1

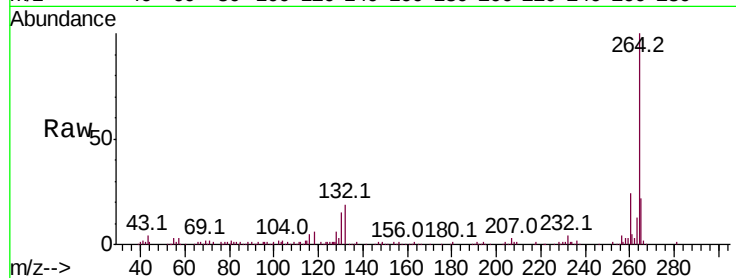




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110559.D
 Acq: 7 Nov 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	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

