

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110637.D
 Acq On : 9 Nov 2018 19:47
 Operator : JU/SJ
 Sample : J5861-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:23:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

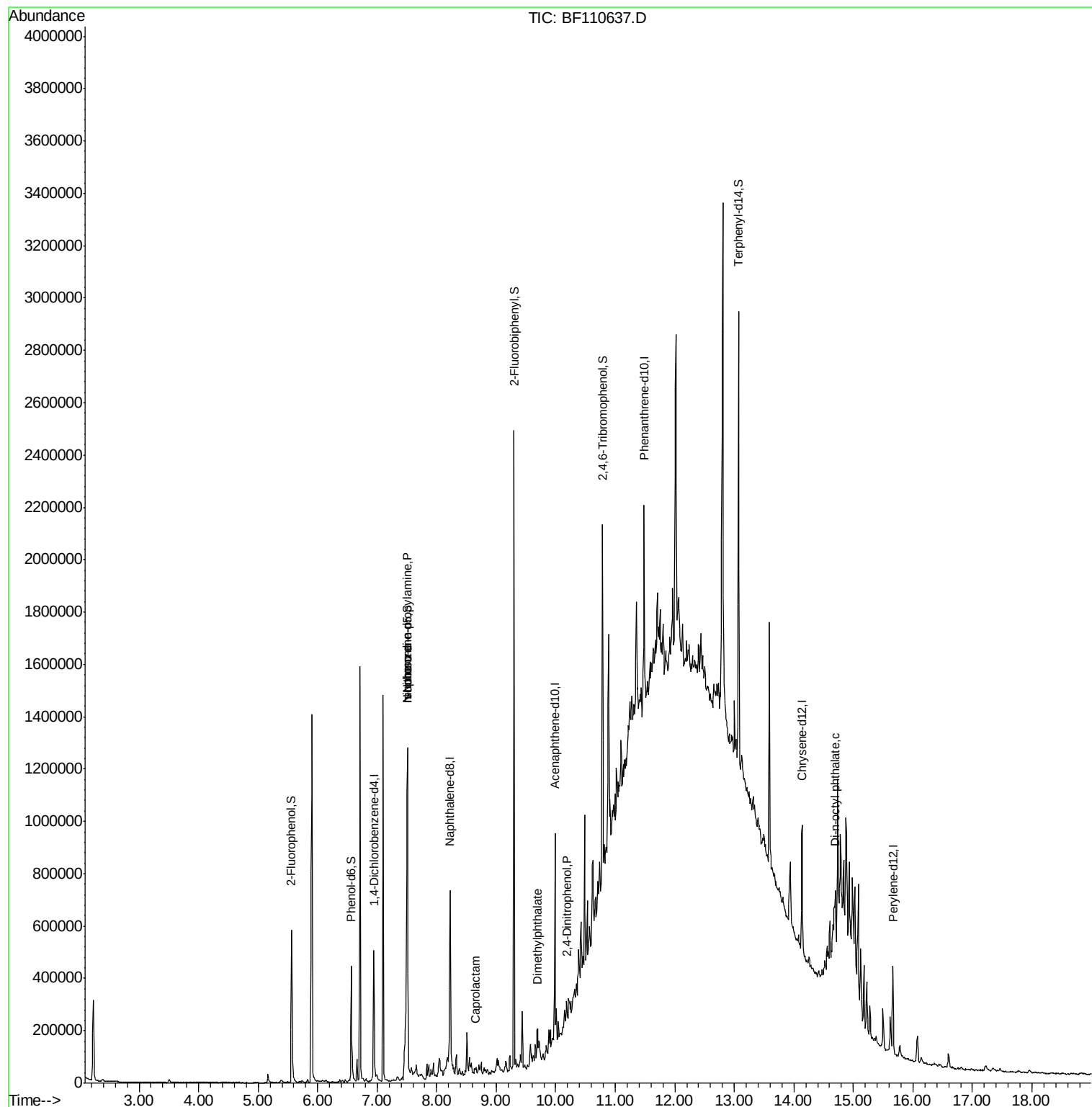
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75714	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	319624	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	154253	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	252333	20.00	ng	0.00
76) Chrysene-d12	14.14	240	168668	20.00	ng	0.00
87) Perylene-d12	15.66	264	151862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	211941	45.47	ng	0.00
7) Phenol-d6	6.56	99	161039	27.02	ng	-0.01
23) Nitrobenzene-d5	7.51	82	397933	71.70	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	150833	97.04	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	752280	69.65	ng	0.00
79) Terphenyl-d14	13.07	244	625088	69.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	53018	13.934	ng	# 80
25) Isophorone	7.51	82	397811	43.732	ng	# 67
35) Caprolactam	8.65	113	3101	2.088	ng	# 8
50) Dimethylphthalate	9.69	163	36385	3.161	ng	# 99
54) 2,4-Dinitrophenol	10.17	184	107	4.802	ng	# 1
85) Di-n-octyl phthalate	14.70	149	193536	18.980	ng	# 45

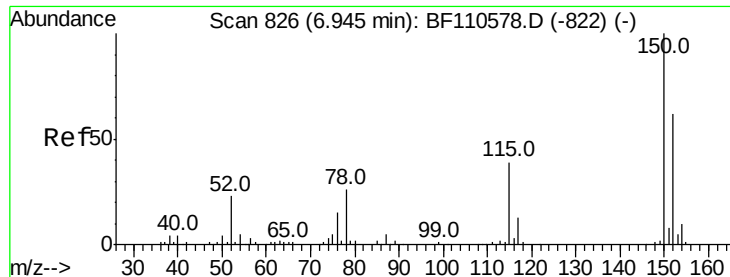
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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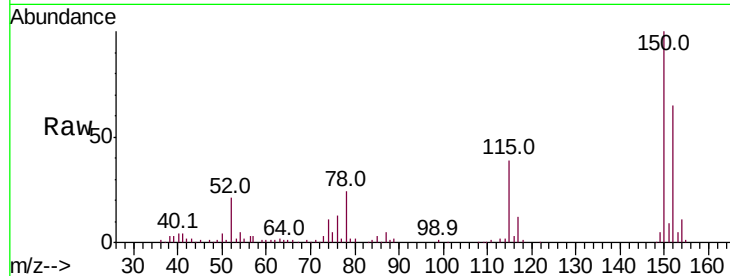


#1

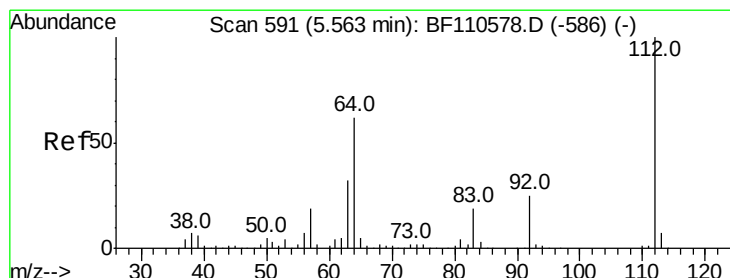
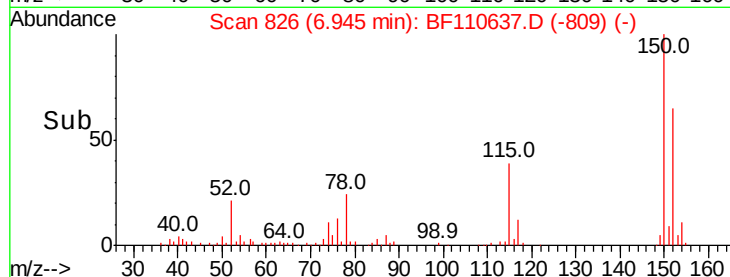
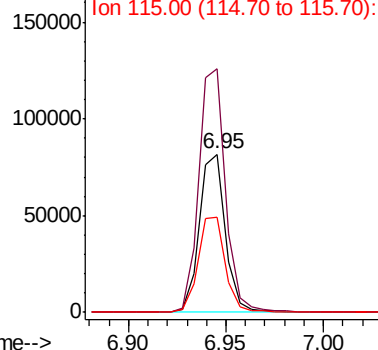
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75714
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 60.0 49.1 73.7



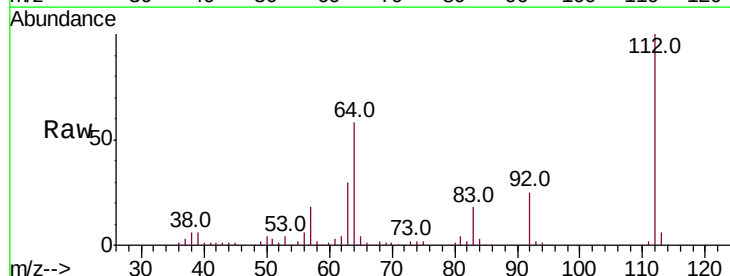
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



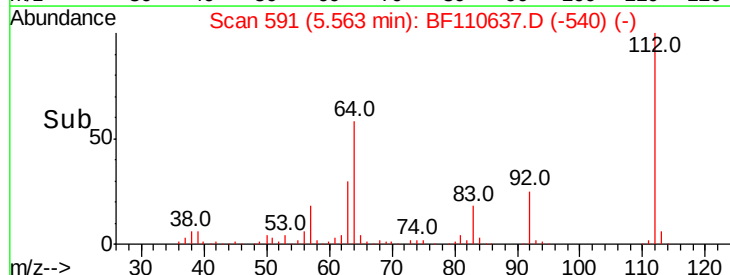
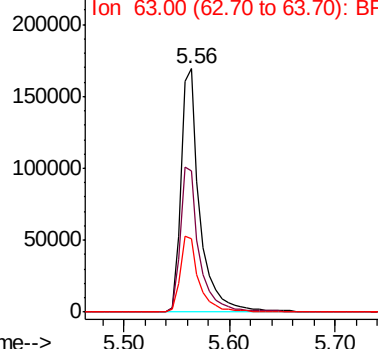
#5

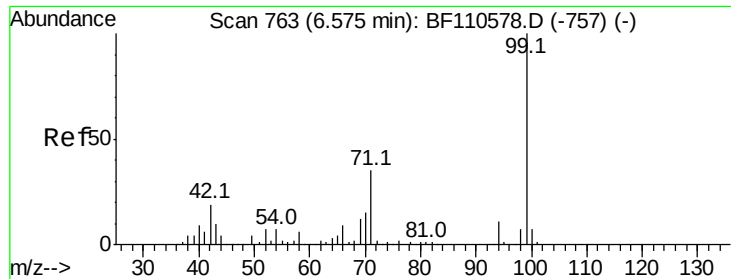
2-Fluorophenol
Concen: 45.468 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Tgt Ion:112 Resp: 211941
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 30.2 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: 27.017 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110637.D

Acq: 9 Nov 2018 19:47

Instrument :

BNA_F

ClientSampleId :

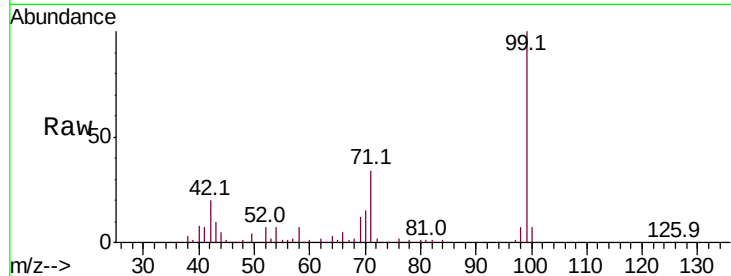
Tot Ion: 99 Resp: 161039

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

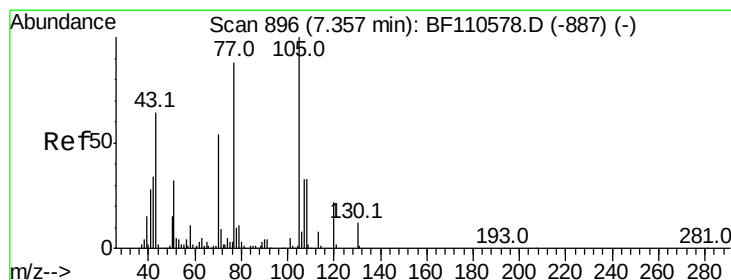
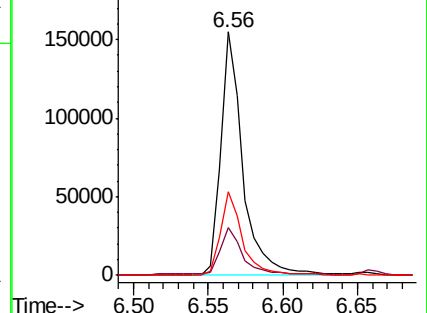
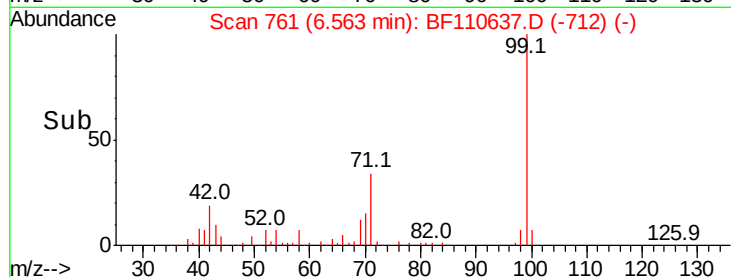
71 34.3 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.934 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110637.D

Acq: 9 Nov 2018 19:47

Tgt Ion: 70 Resp: 53018

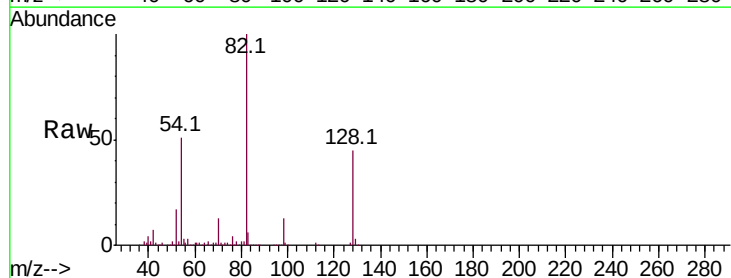
Ion Ratio Lower Upper

70 100

42 49.0 47.4 71.2

101 0.0 7.3 10.9#

130 2.5 16.2 24.2#

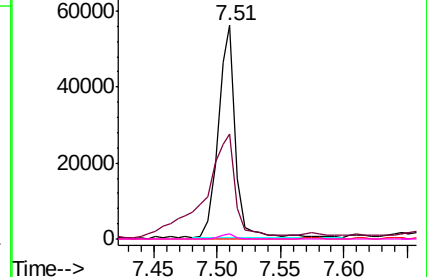
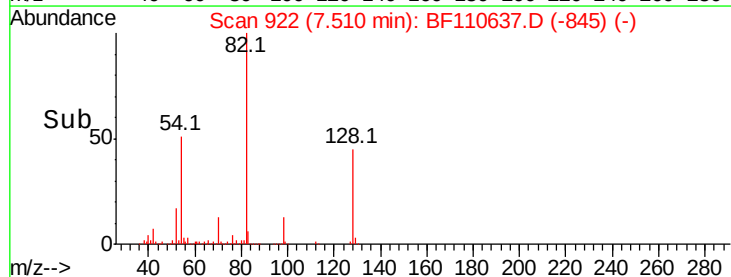


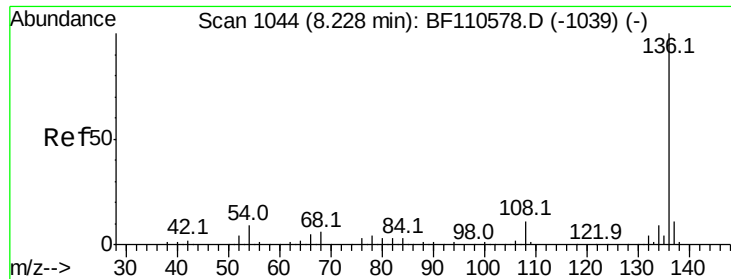
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

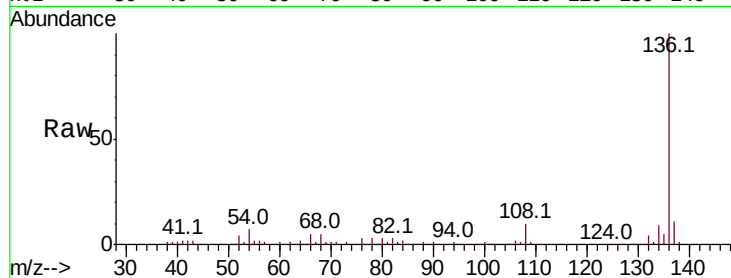




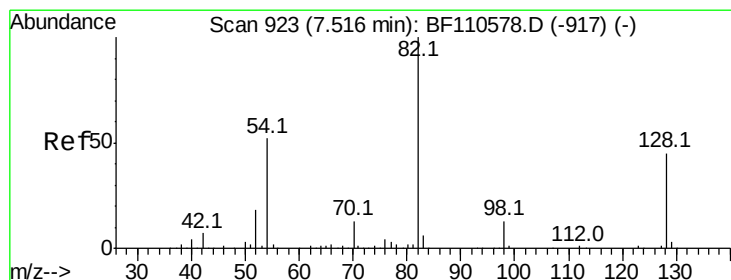
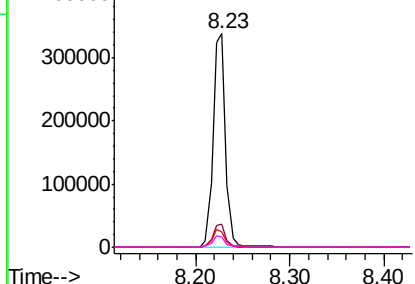
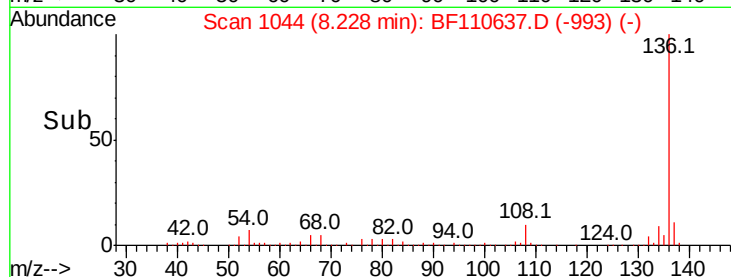
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	319624
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.3	5.4	8.2
68	4.7	4.2	6.2

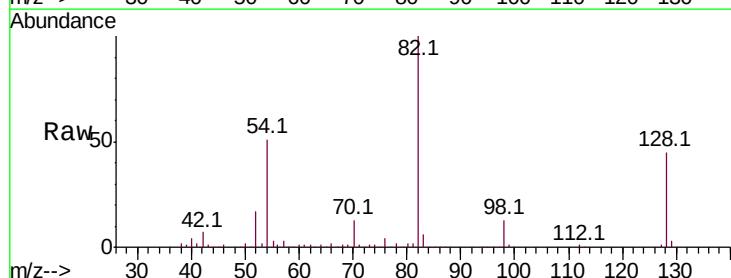


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

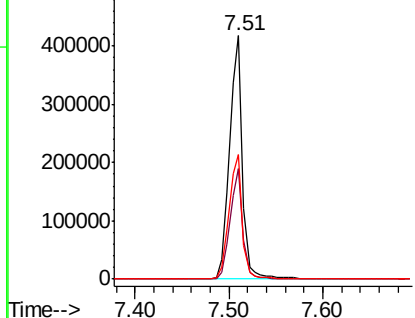
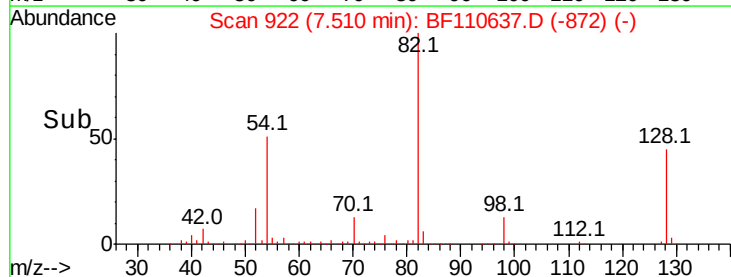


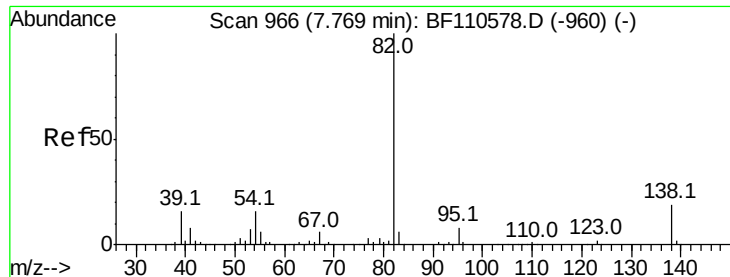
#23
Nitrobenzene-d5
Concen: 71.699 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Tgt Ion:	82	Resp:	397933
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	51.4	38.6	58.0



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





#25

Isophorone

Concen: 43.732 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110637.D

Acq: 9 Nov 2018 19:47

Instrument :

BNA_F

ClientSampleId :

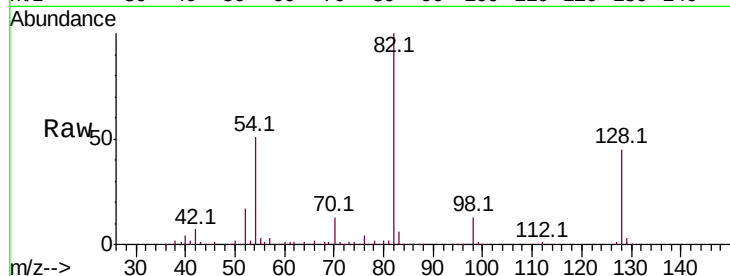
Tot Ion: 82 Resp: 397811

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

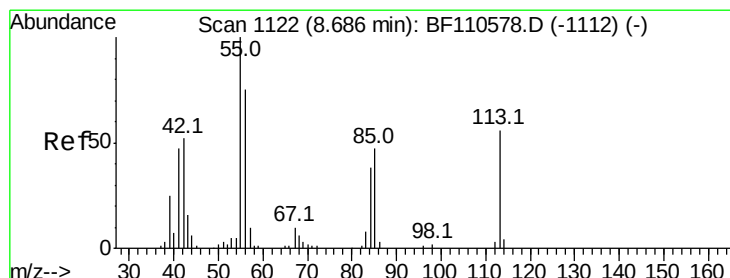
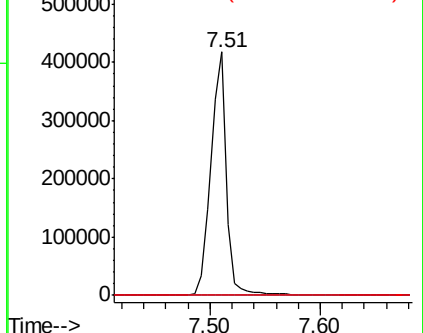
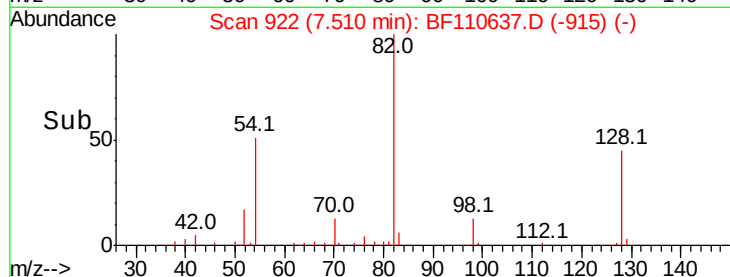
138 0.0 13.2 19.8#



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



#35

Caprolactam

Concen: 2.088 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BF110637.D

Acq: 9 Nov 2018 19:47

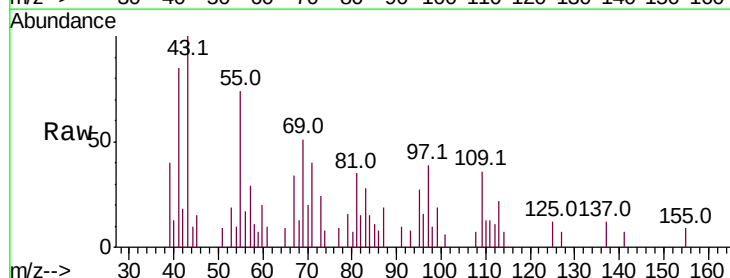
Tgt Ion: 113 Resp: 3101

Ion Ratio Lower Upper

113 100

55 336.2 142.8 182.8#

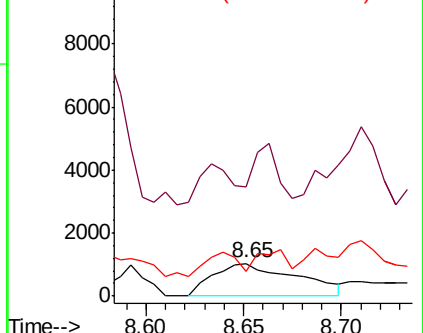
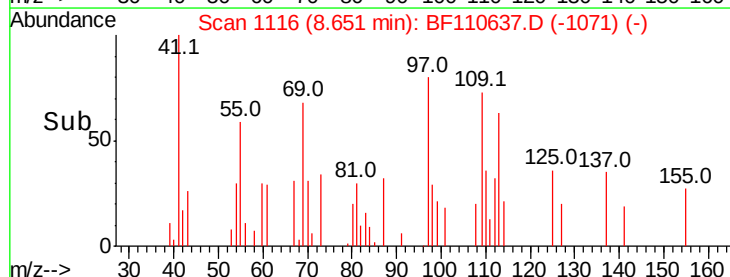
56 77.6 105.0 145.0#

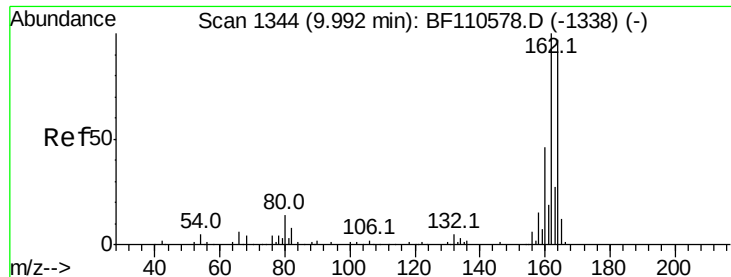


Abundance Ion 113.00 (112.70 to 113.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

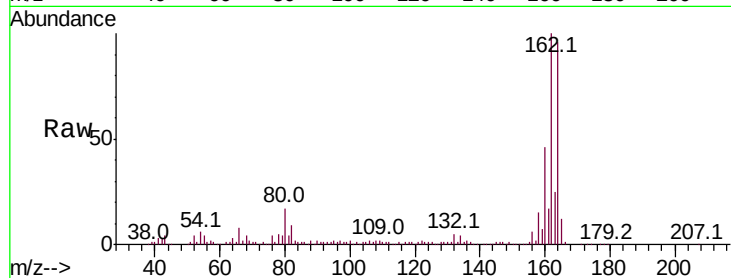




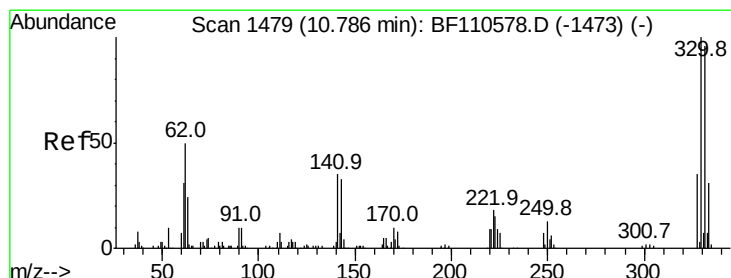
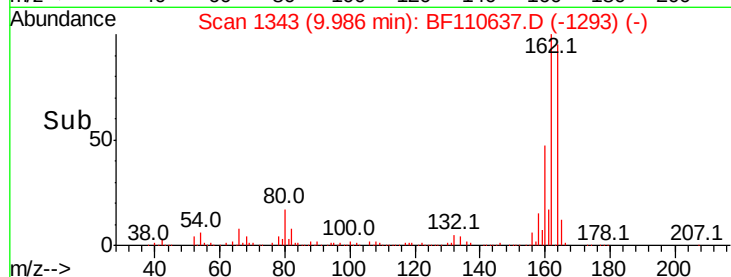
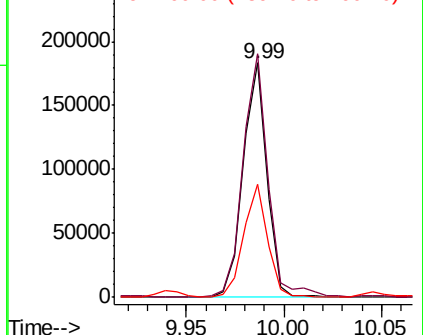
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110637.D
 Acq: 9 Nov 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 154253
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.0 124.6
 160 48.1 37.0 55.6

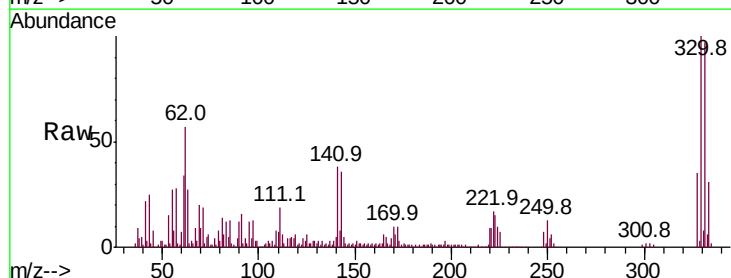


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

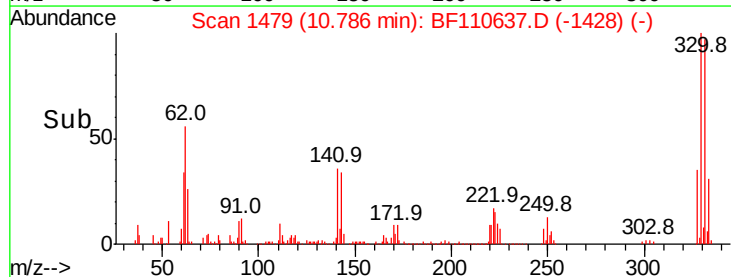
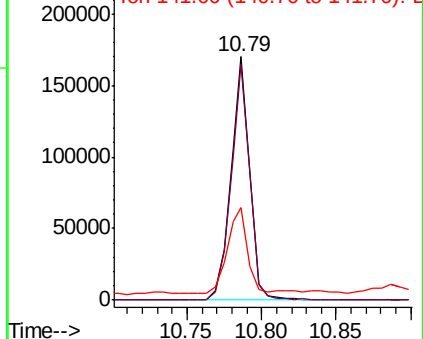


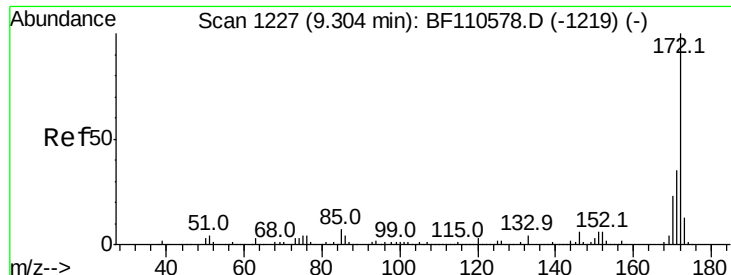
#42
 2,4,6-Tribromophenol
 Concen: 97.043 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110637.D
 Acq: 9 Nov 2018 19:47

Tgt Ion:330 Resp: 150833
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 37.9 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

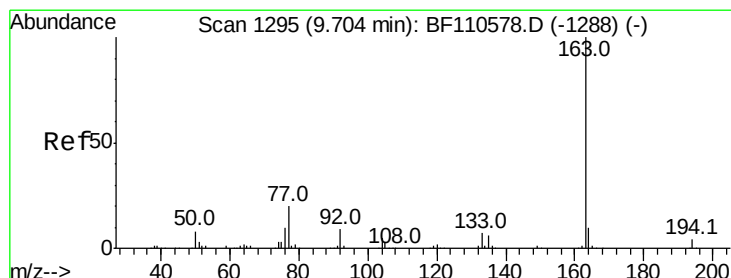
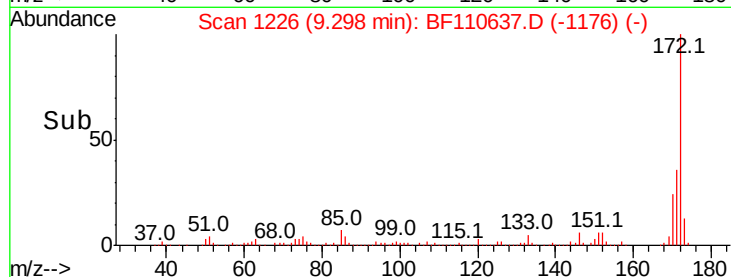
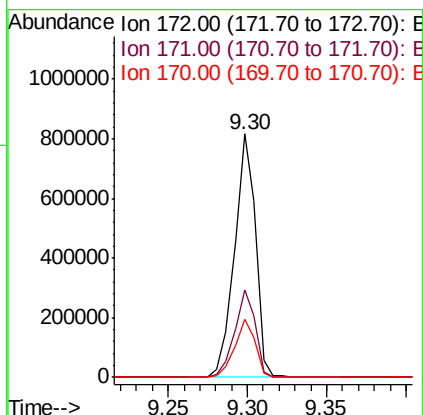
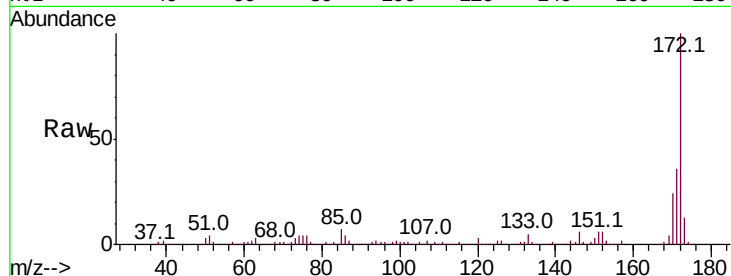




#45
2-Fluorobiphenyl
Concen: 69.651 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

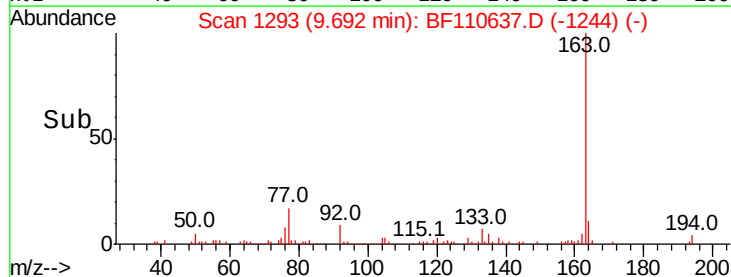
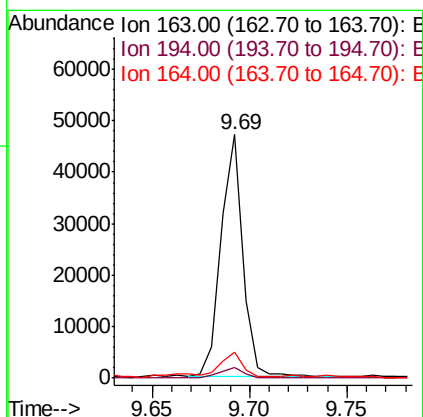
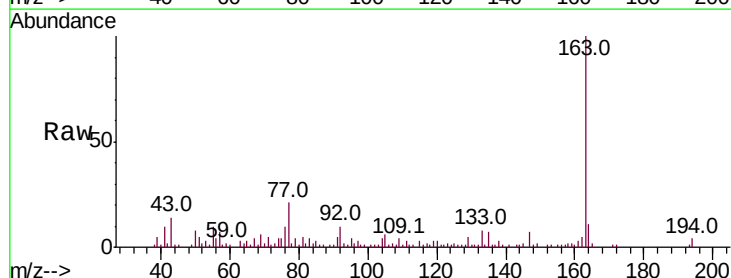
Instrument :
BNA_F
ClientSampled :

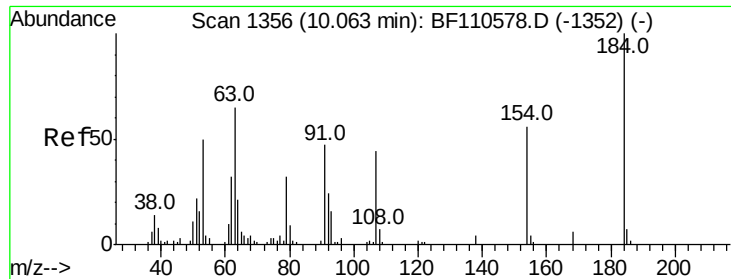
Tot Ion:172 Resp: 752280
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.7 29.5



#50
Dimethylphthalate
Concen: 3.161 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Tgt Ion:163 Resp: 36385
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.6 8.1 12.1

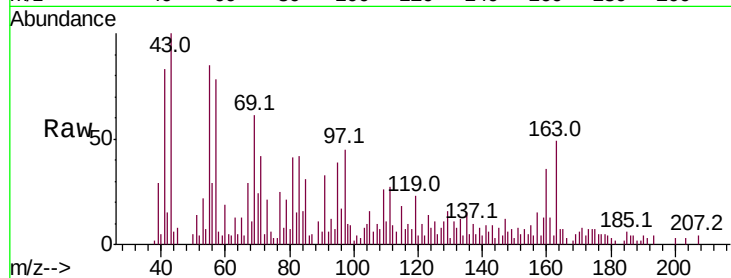




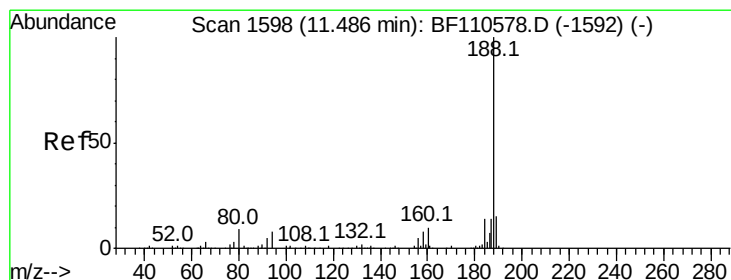
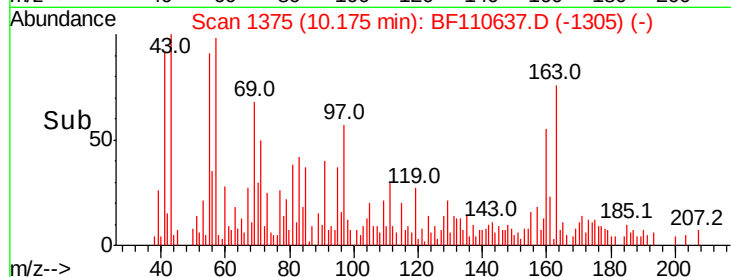
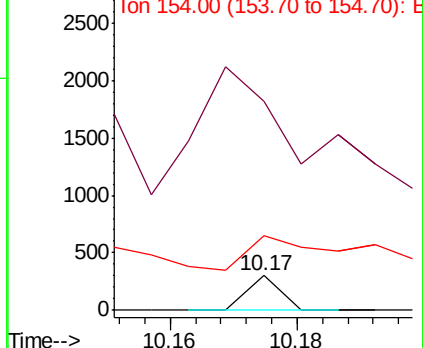
#54
 2,4-Dinitrophenol
 Concen: 4.802 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.11 min
 Lab File: BF110637.D
 Acq: 9 Nov 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 107
 Ion Ratio Lower Upper
 184 100
 63 602.3 55.8 83.6#
 154 215.9 63.2 94.8#

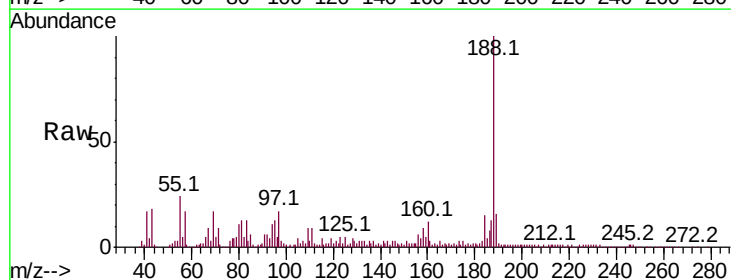


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

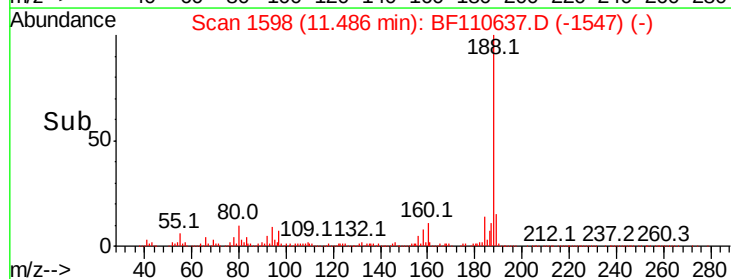
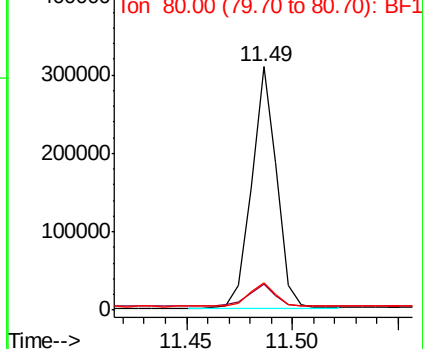


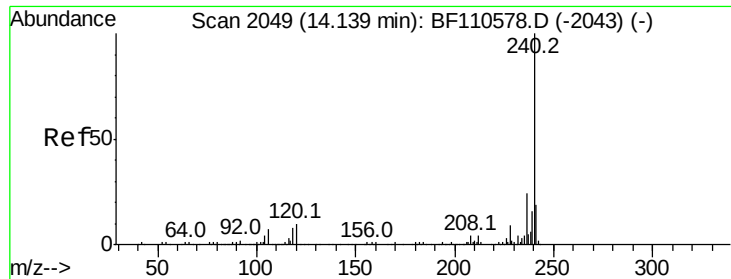
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF110637.D
 Acq: 9 Nov 2018 19:47

Tgt Ion:188 Resp: 252333
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.2 10.8
 80 11.2 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

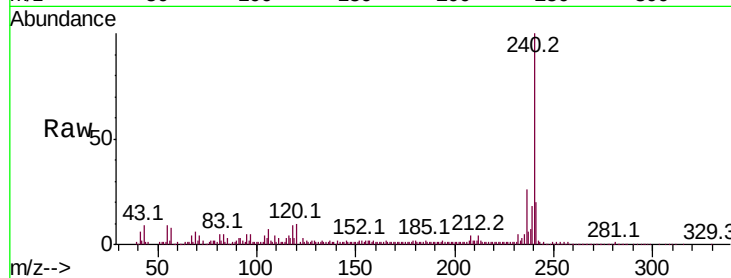




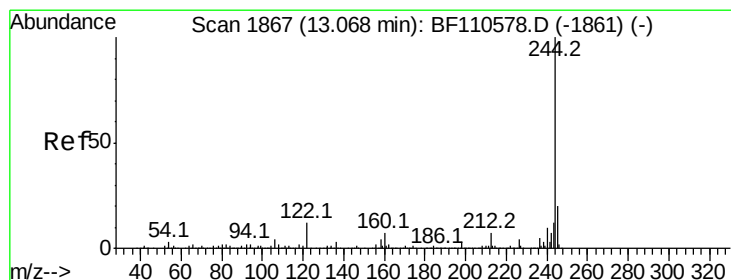
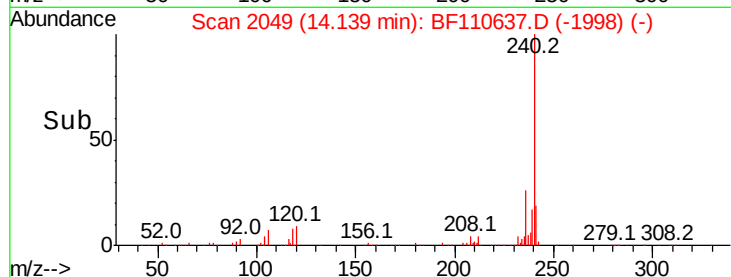
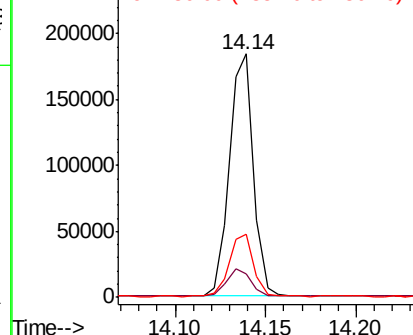
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.1	21.2	31.8

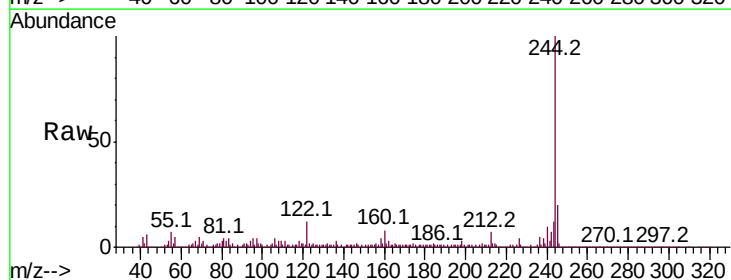


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

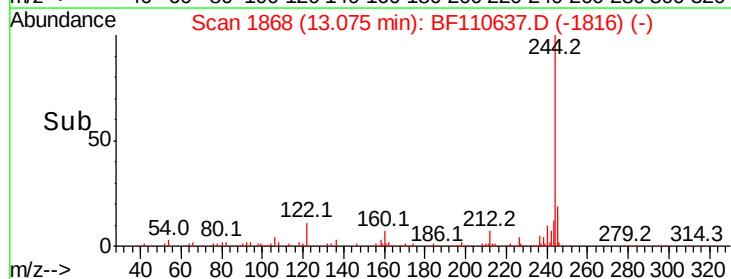
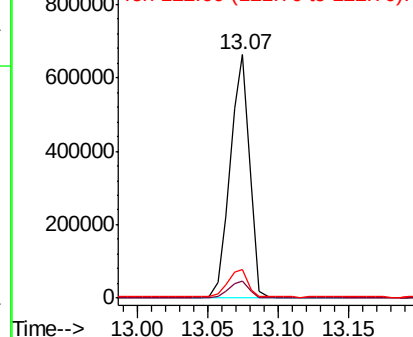


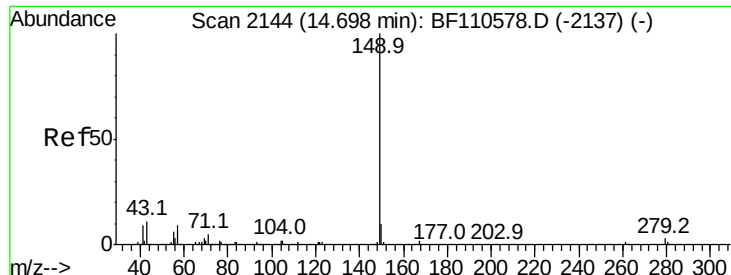
#79
Terphenyl-d14
Concen: 69.405 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	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

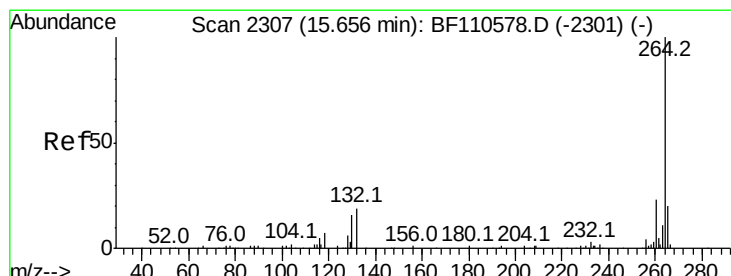
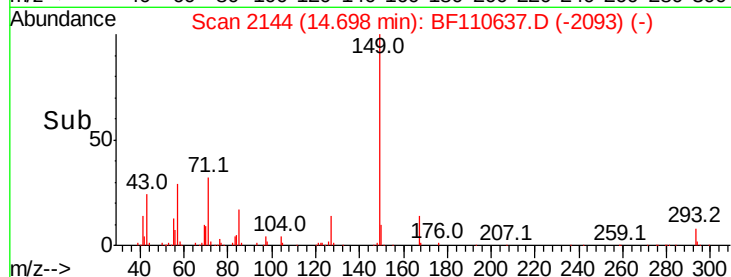
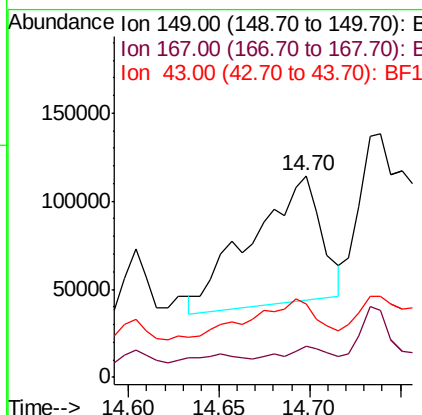
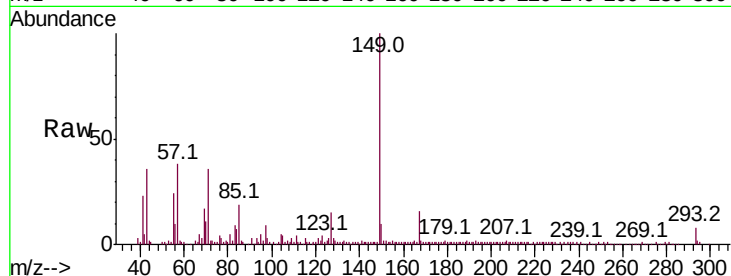




#85
Di-n-octyl phthalate
Concen: 18.980 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 193536
Ion Ratio Lower Upper
149 100
167 12.5 1.1 1.7#
43 31.5 7.8 11.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110637.D
Acq: 9 Nov 2018 19:47

Tgt Ion:264 Resp: 151862
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 20.4 16.7 25.1

