

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110571.D
 Acq On : 7 Nov 2018 22:22
 Operator : JU/SJ
 Sample : J5813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:23:46 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	67429	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	269166	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	113318	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	199941	20.00	ng	0.00
76) Chrysene-d12	14.14	240	154476	20.00	ng	0.00
87) Perylene-d12	15.67	264	114593	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	332129	80.21	ng	0.00
7) Phenol-d6	6.57	99	419981	79.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	248375	54.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	76566	68.21	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	381549	52.87	ng	0.00
79) Terphenyl-d14	13.07	244	328839	44.27	ng	0.00

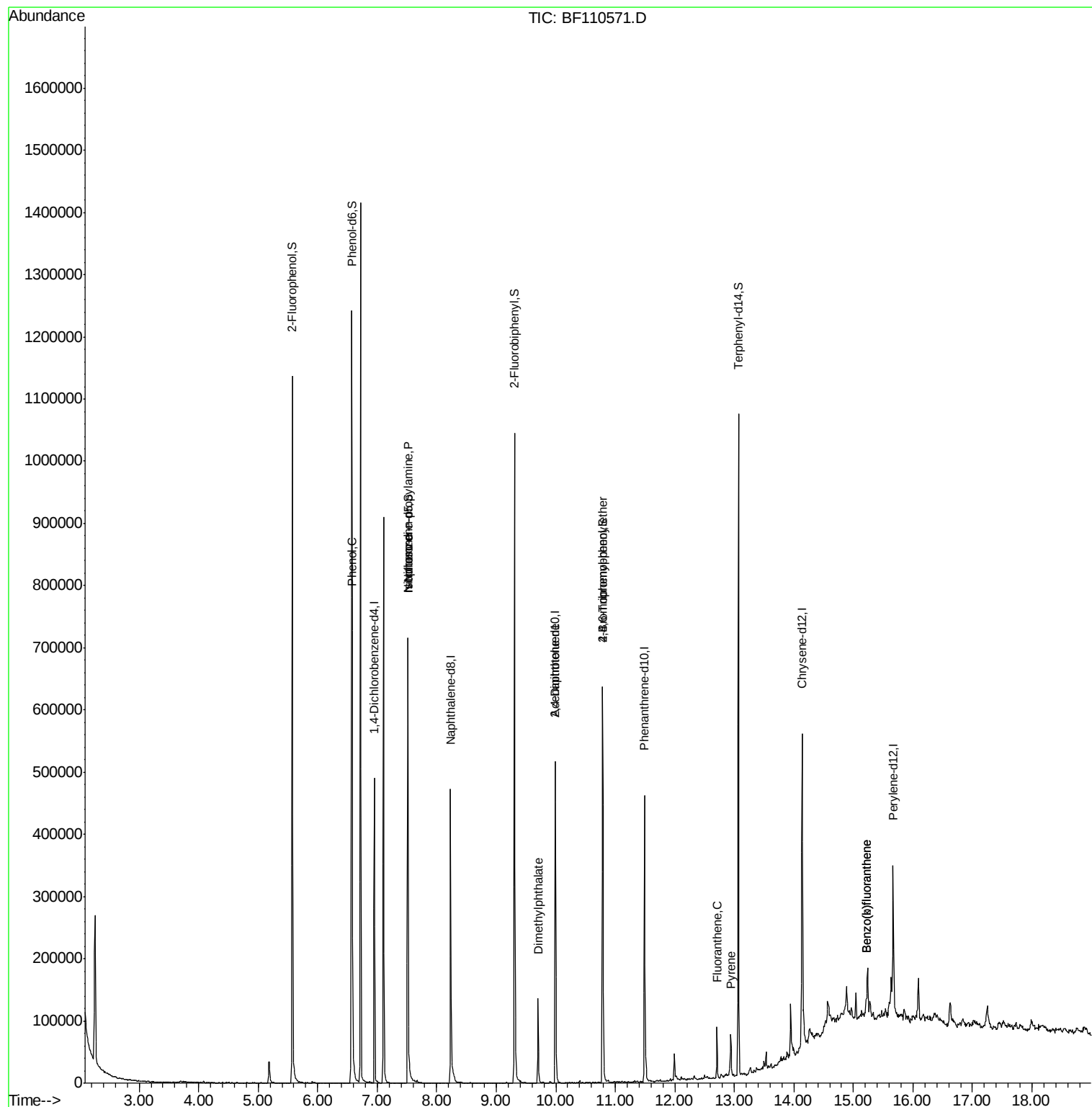
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	603	Below Cal		# 1
10) Phenol	6.59	94	27093	4.786	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	32392	9.533	ng	# 80
25) Isophorone	7.52	82	248375	32.108	ng	# 67
50) Dimethylphthalate	9.70	163	69049	8.255	ng	100
57) 2,4-Dinitrotoluene	9.99	165	14332	6.262	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4889	2.254	ng	# 1
75) Fluoranthene	12.71	202	36283	3.417	ng	98
77) Benzidine	13.07	184	4537	Below Cal		# 95
78) Pyrene	12.94	202	27956	2.524	ng	98
88) Benzo(b)fluoranthene	15.22	252	21019	3.176	ng	# 85
89) Benzo(k)fluoranthene	15.22	252	21019	3.231	ng	# 84

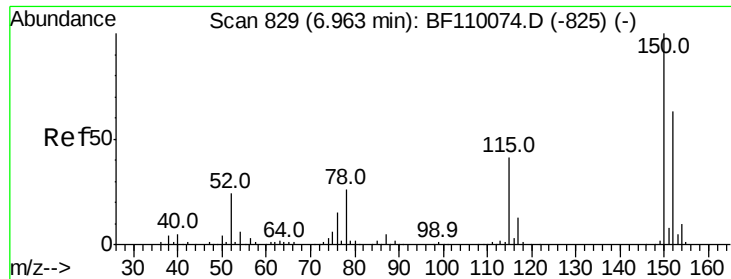
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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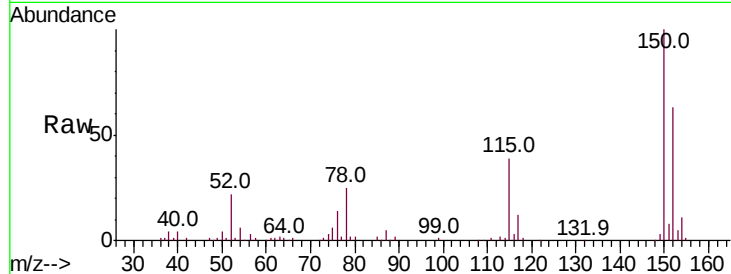


#1

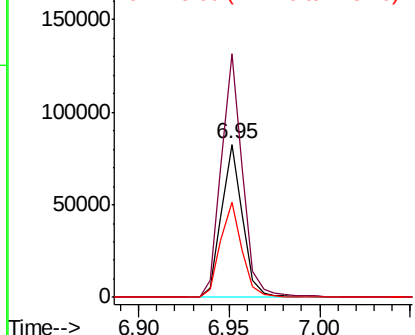
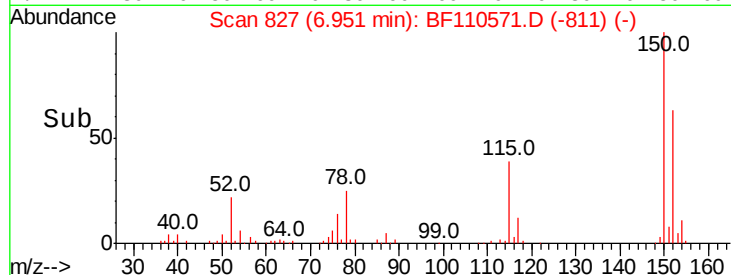
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67429
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 61.8 49.1 73.7



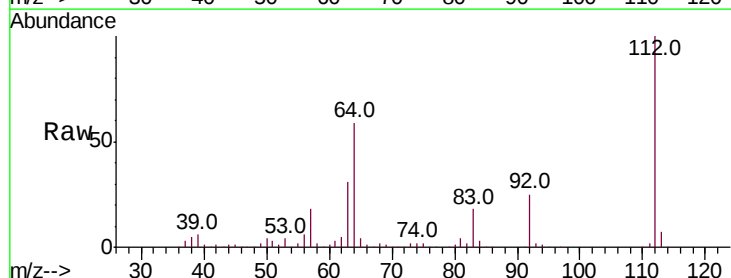
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



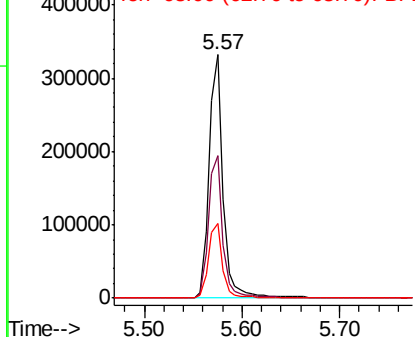
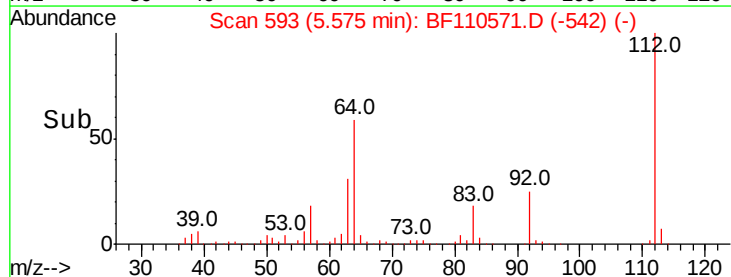
#5

2-Fluorophenol
Concen: 80.211 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion:112 Resp: 332129
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 30.8 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: 79.298 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110571.D

Acq: 7 Nov 2018 22:22

Instrument :

BNA_F

ClientSampleId :

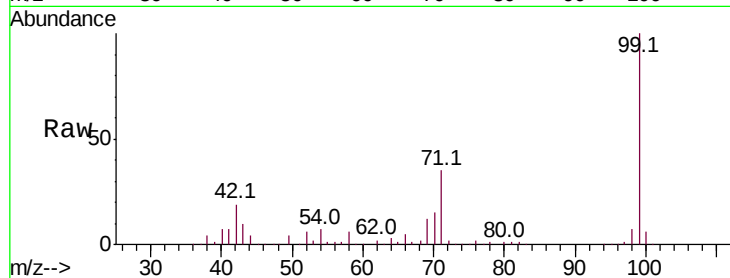
Tot Ion: 99 Resp: 419981

Ion Ratio Lower Upper

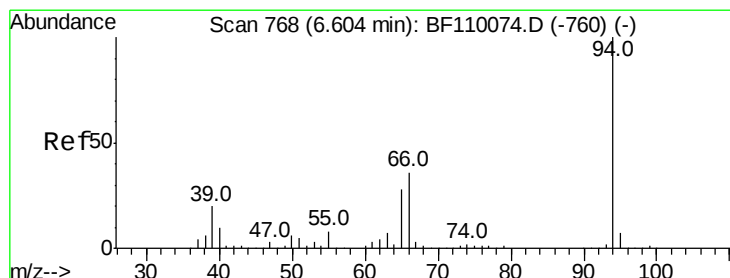
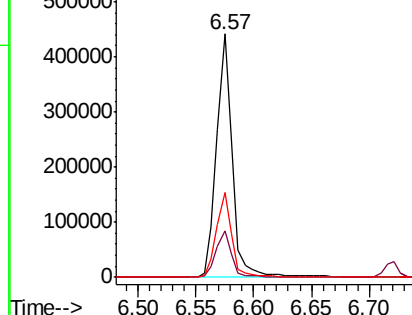
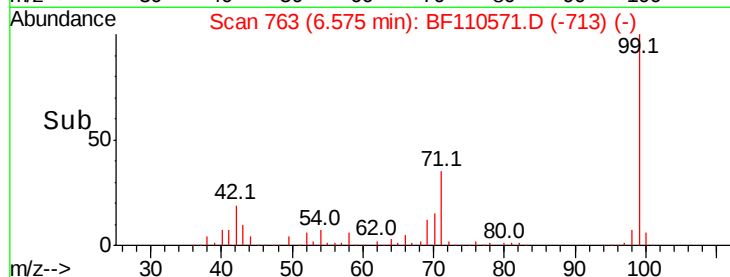
99 100

42 18.9 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: 4.786 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110571.D

Acq: 7 Nov 2018 22:22

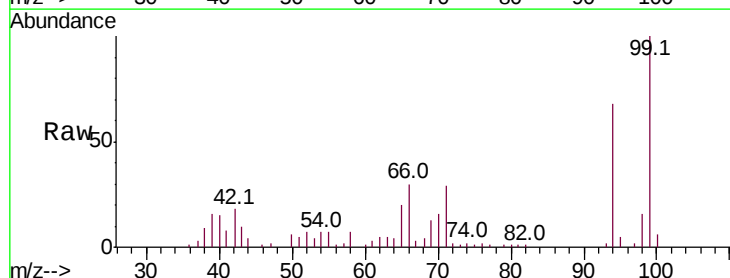
Tgt Ion: 94 Resp: 27093

Ion Ratio Lower Upper

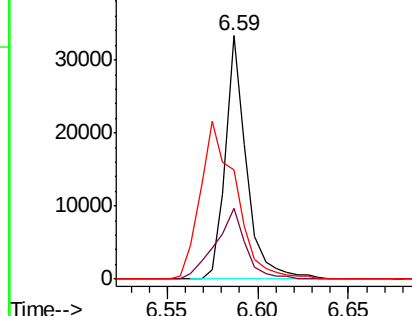
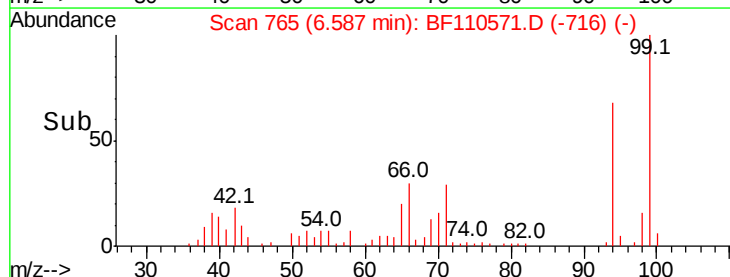
94 100

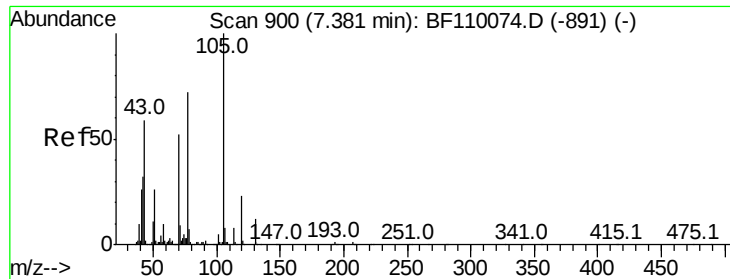
65 29.2 25.3 65.3

66 44.8 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

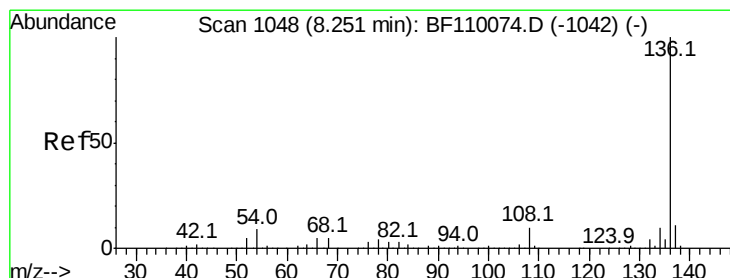
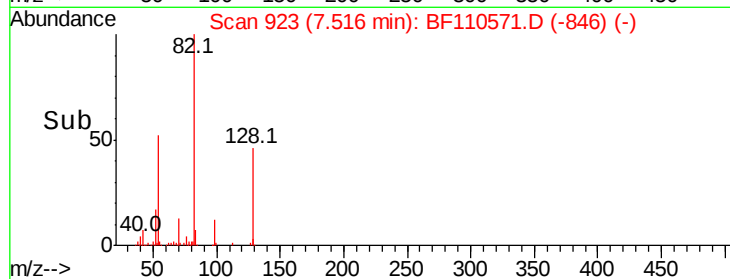
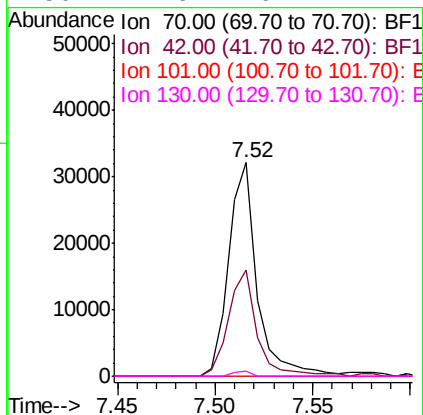
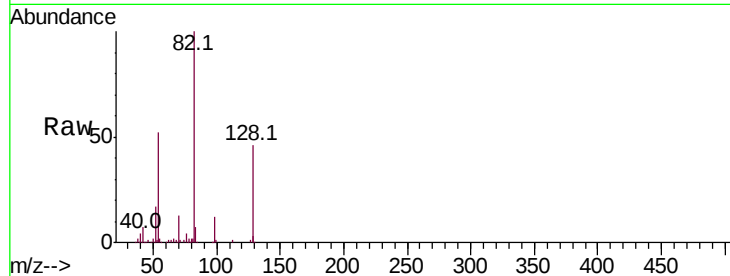




#19
n-Nitroso-di-n-propylamine
Concen: 9.533 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

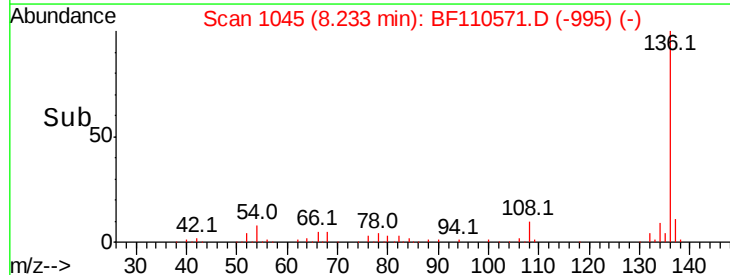
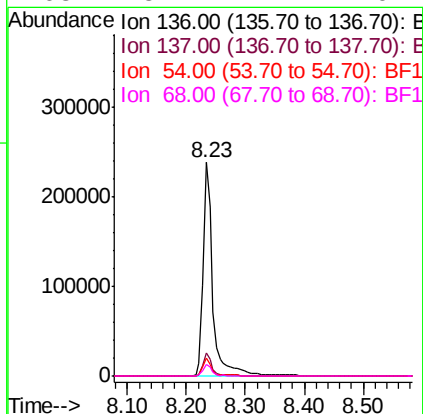
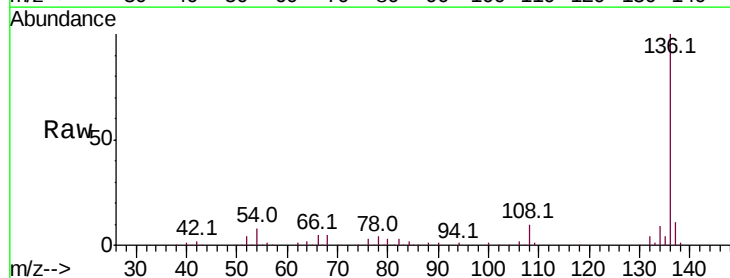
Instrument :
BNA_F
ClientSampled :

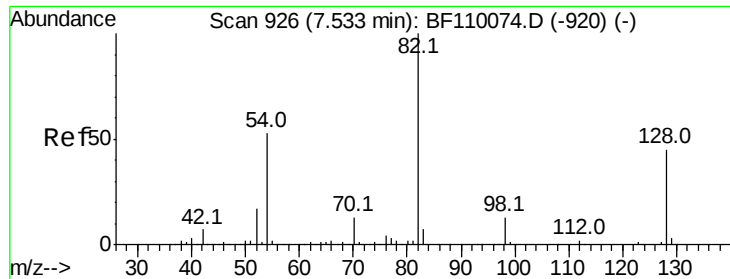
Tot Ion: 70 Resp: 32392
Ion Ratio Lower Upper
70 100
42 50.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion: 136 Resp: 269166
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 5.4 8.2
68 5.2 4.2 6.2

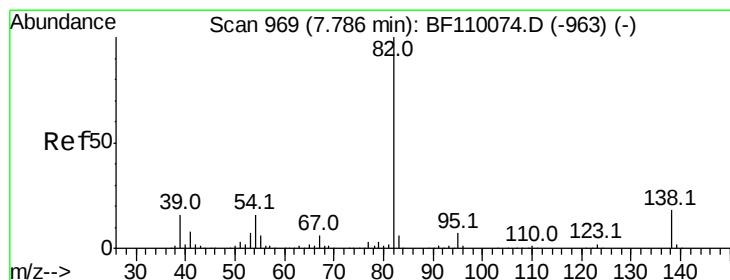
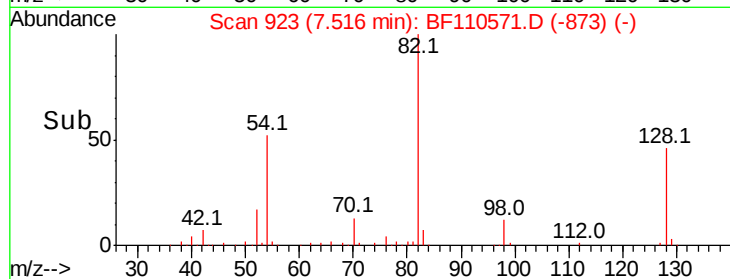
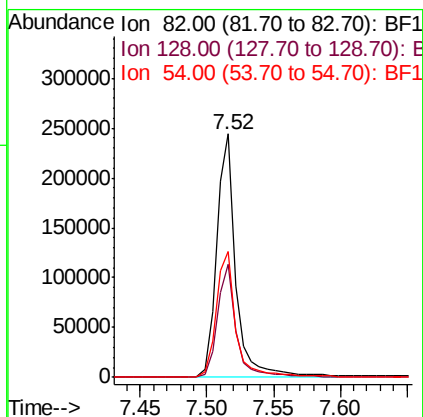
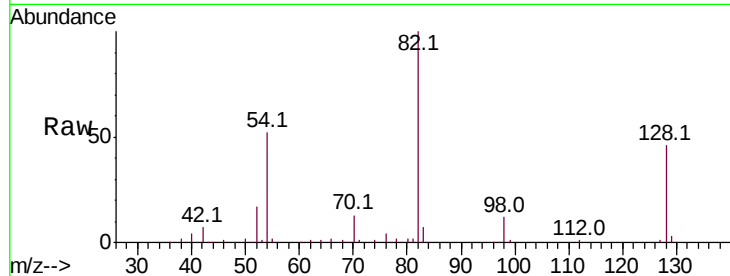




#23
 Nitrobenzene-d5
 Concen: 54.732 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

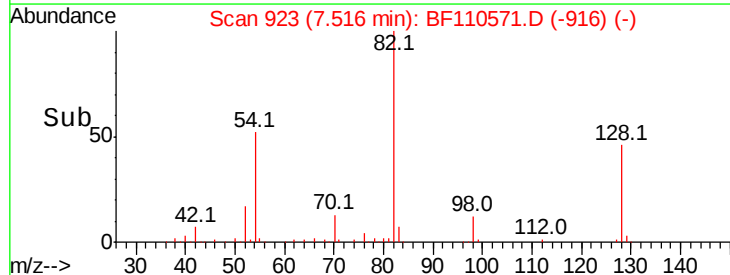
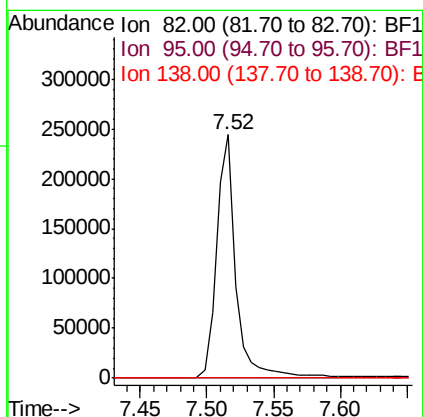
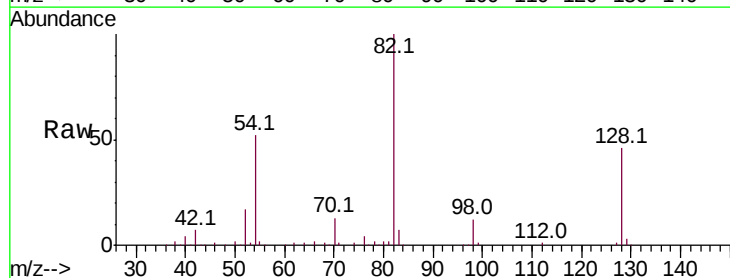
Instrument :
 BNA_F
 ClientSampled :

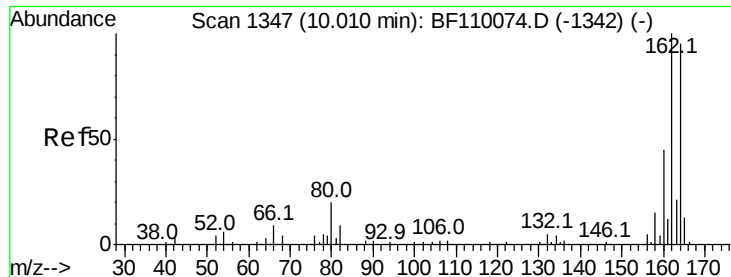
Tot Ion	82	Resp	248375
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.2	51.2
54	51.7	38.6	58.0



#25
 Isophorone
 Concen: 32.108 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Tgt Ion	82	Resp	248375
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

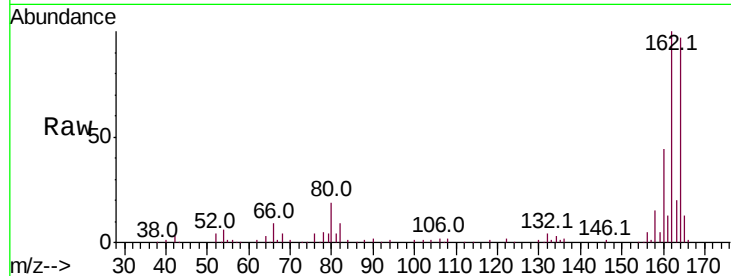




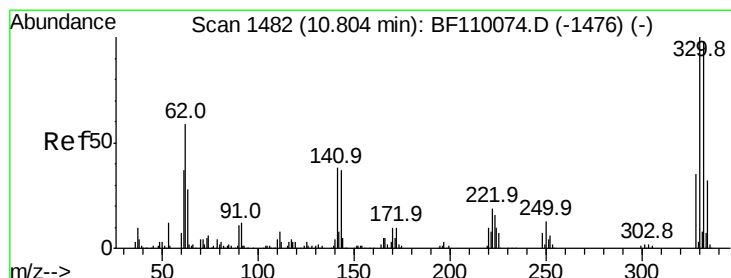
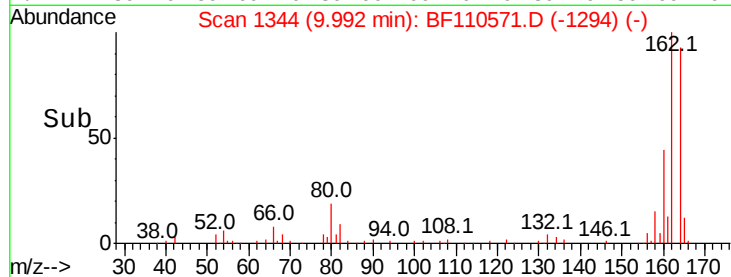
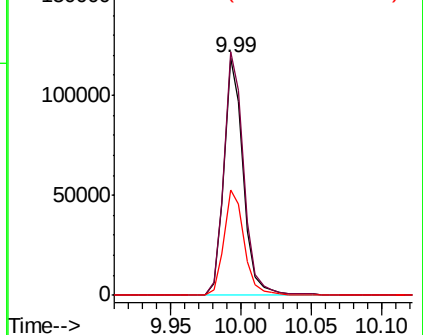
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 113318
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 44.6 37.0 55.6

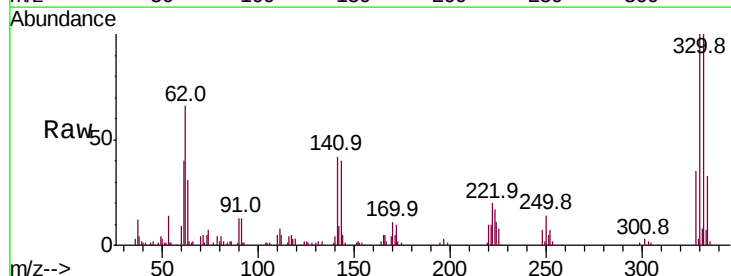


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

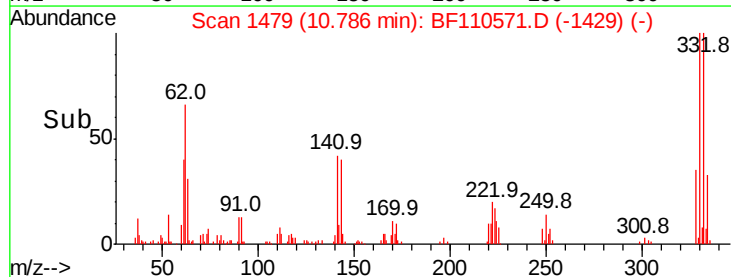
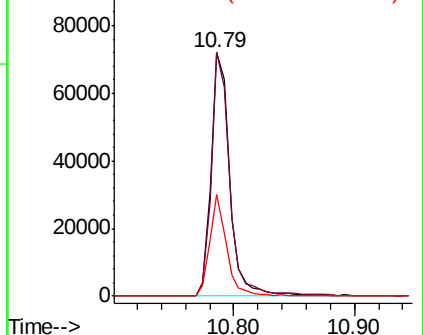


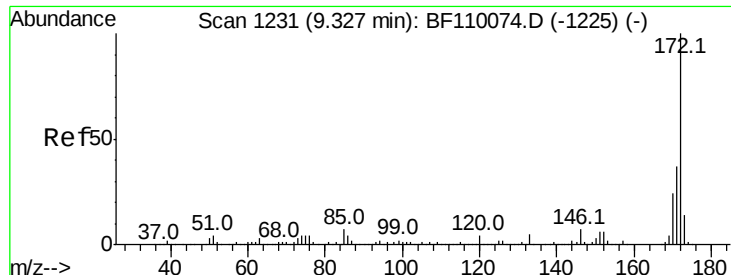
#42
2,4,6-Tribromophenol
Concen: 68.211 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion:330 Resp: 76566
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 37.6 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



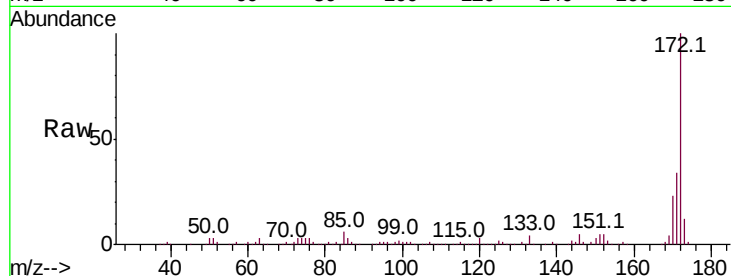


#45
 2-Fluorobiphenyl
 Concen: 52.872 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

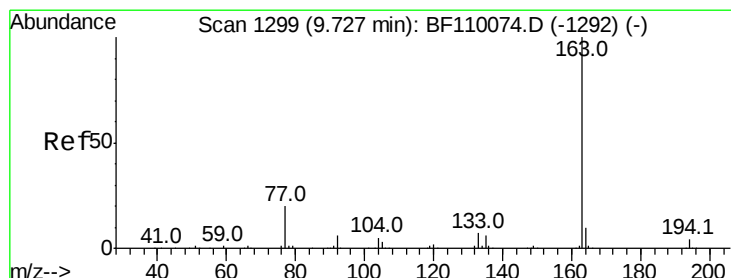
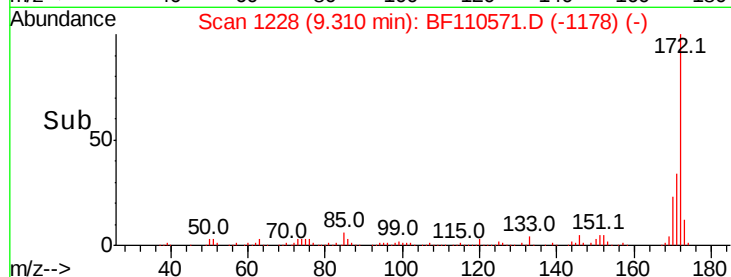
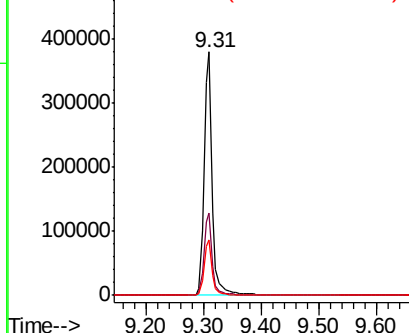
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 381549

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	23.0	19.7	29.5



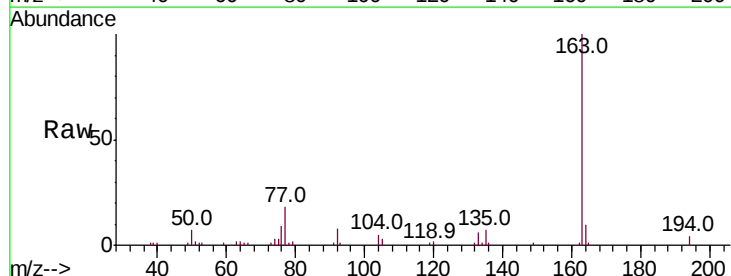
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



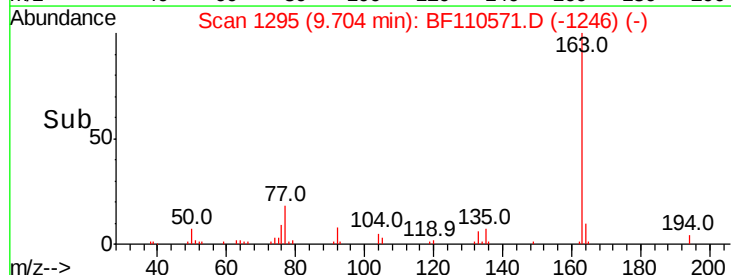
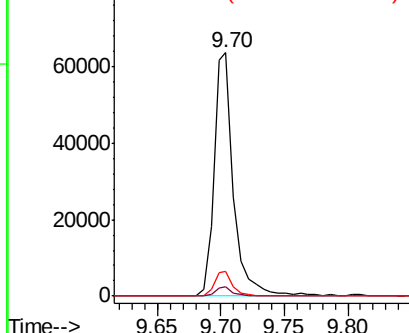
#50
 Dimethylphthalate
 Concen: 8.255 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

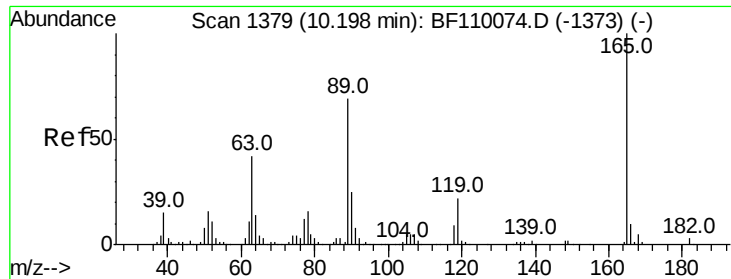
Tgt Ion:163 Resp: 69049

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	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

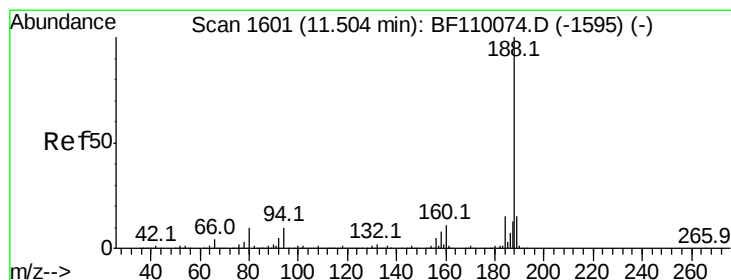
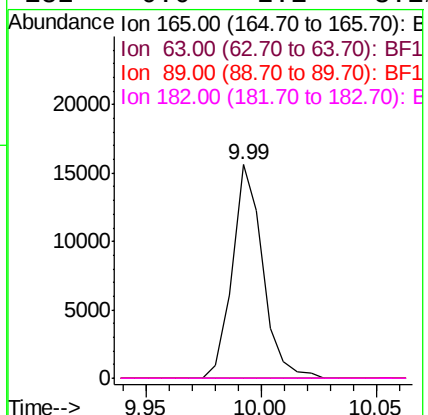
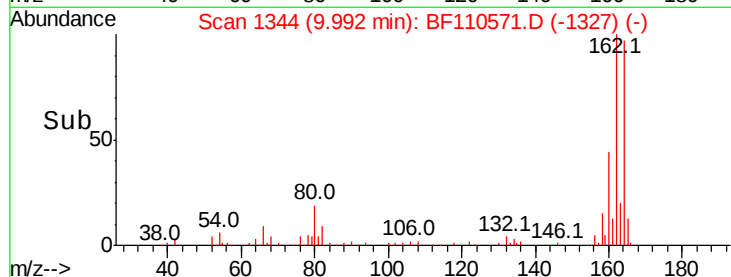
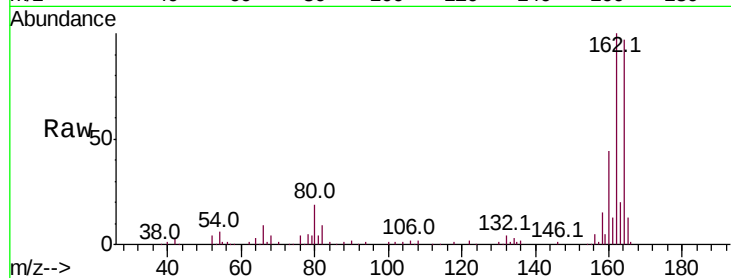




#57
 2,4-Dinitrotoluene
 Concen: 6.262 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

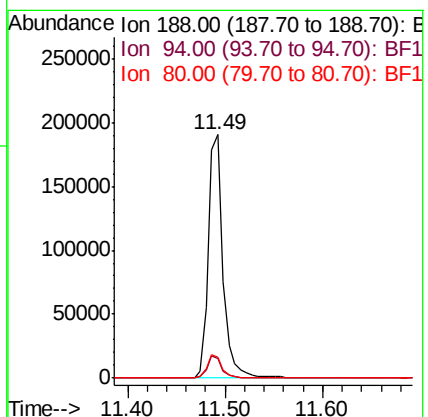
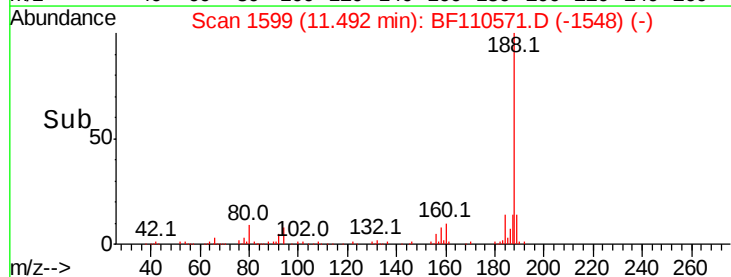
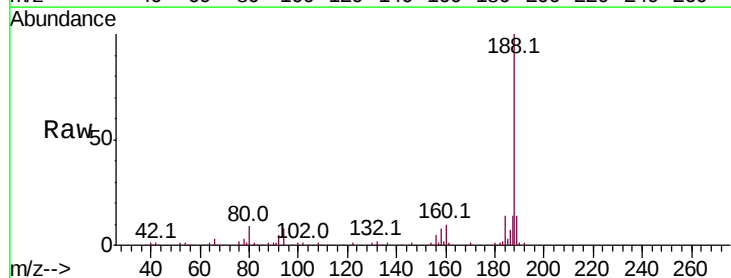
Instrument :
 BNA_F
 ClientSampled :

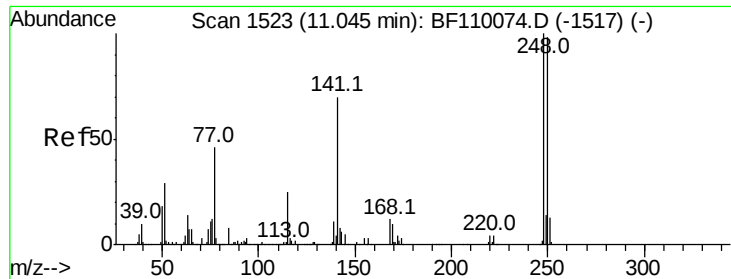
Tot Ion:165 Resp: 14332
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Tgt Ion:188 Resp: 199941
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.2 10.8
 80 8.6 7.9 11.9

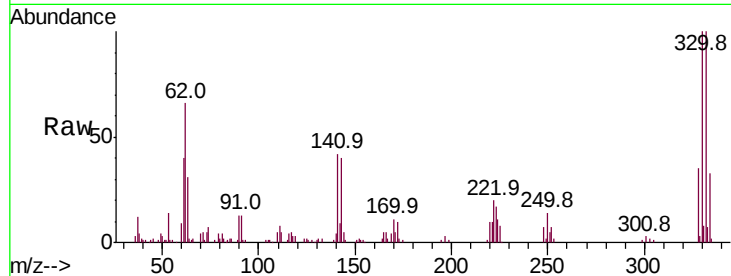




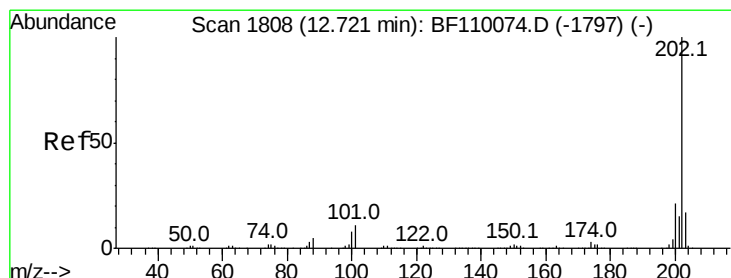
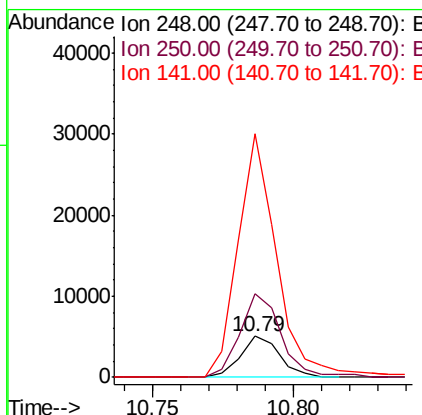
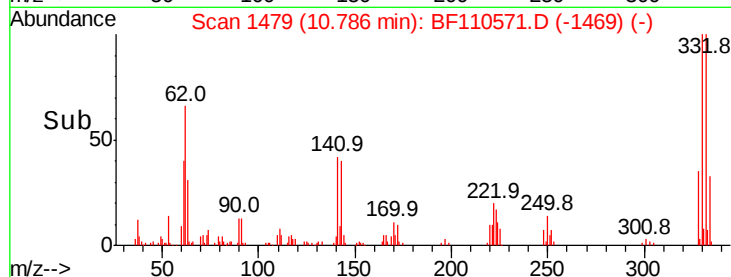
#67
 4-Bromophenyl-phenylether
 Concen: 2.254 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 4889
 Ion Ratio Lower Upper
 248 100
 250 203.1 79.4 119.2#
 141 595.2 55.9 83.9#

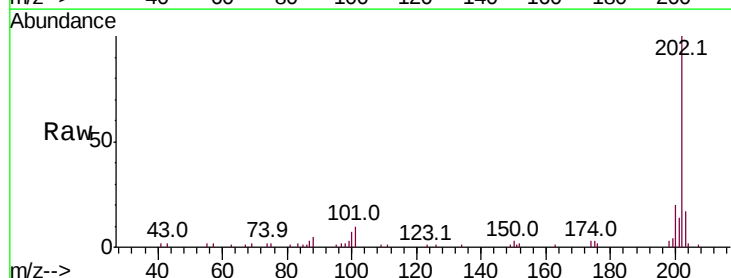


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

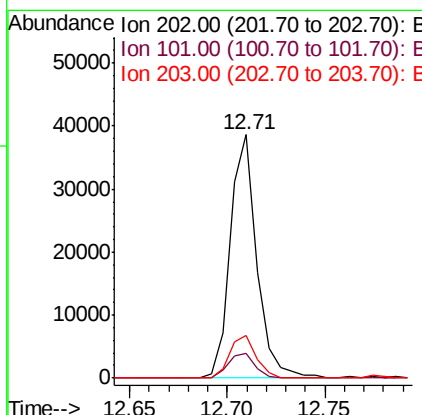
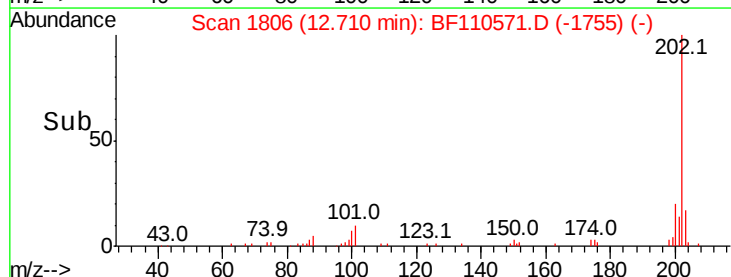


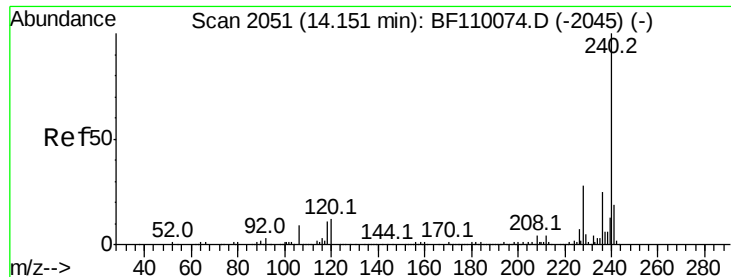
#75
 Fluoranthene
 Concen: 3.417 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Tgt Ion:202 Resp: 36283
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 17.3 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110571.D

Acq: 7 Nov 2018 22:22

Instrument :

BNA_F

ClientSampleId :

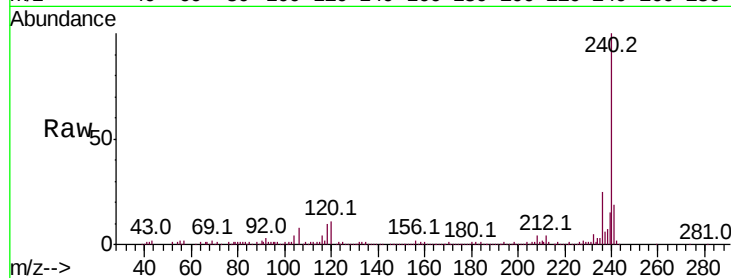
Tot Ion:240 Resp: 154476

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

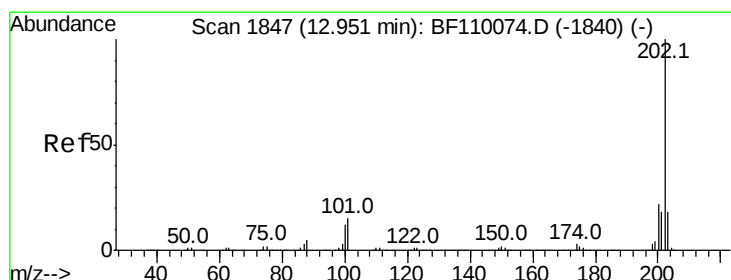
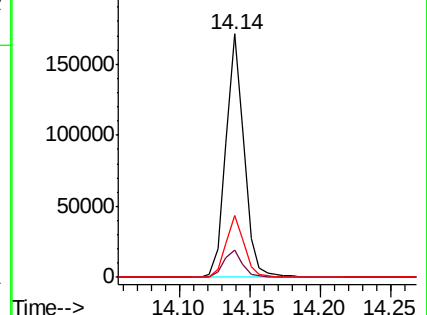
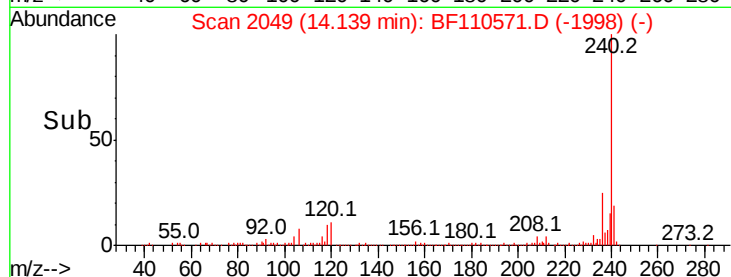
236 25.2 21.2 31.8



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



#78

Pyrene

Concen: 2.524 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110571.D

Acq: 7 Nov 2018 22:22

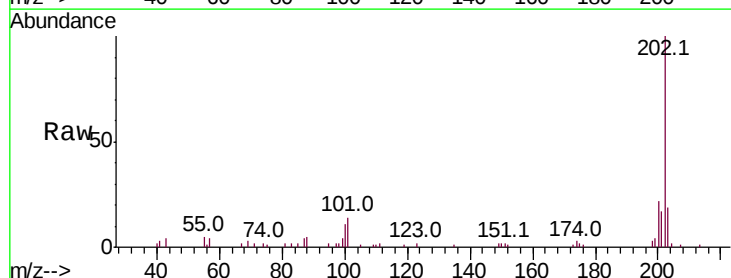
Tgt Ion:202 Resp: 27956

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

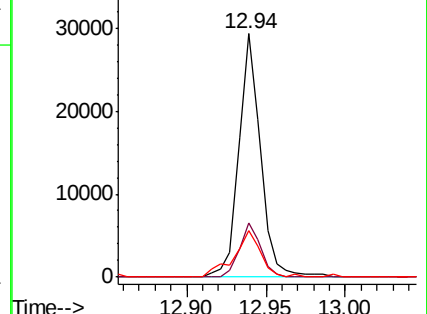
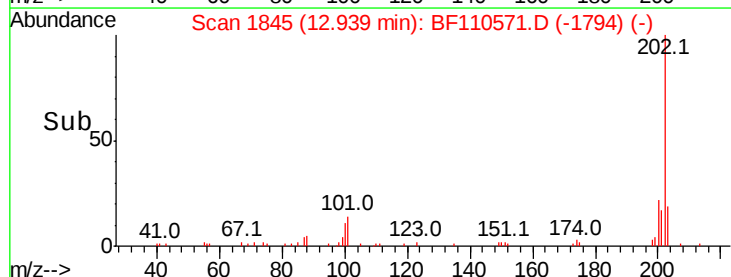
203 19.2 14.2 21.4

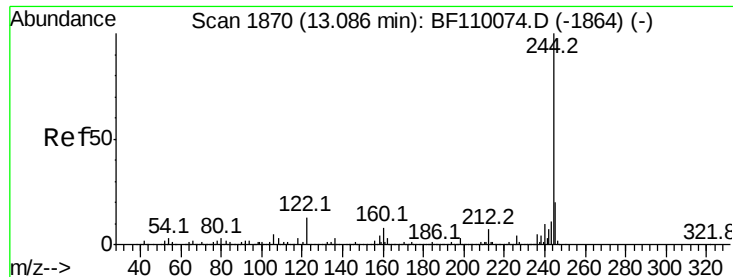


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

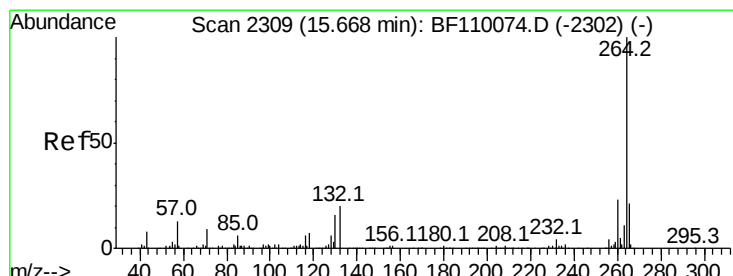
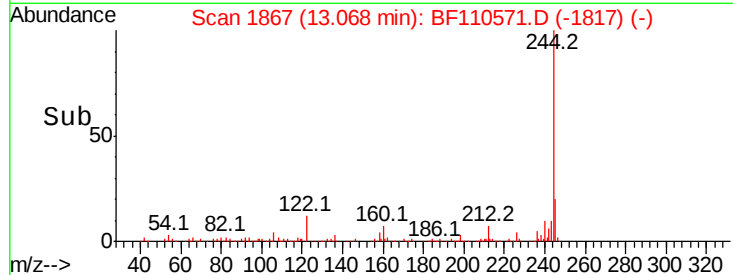
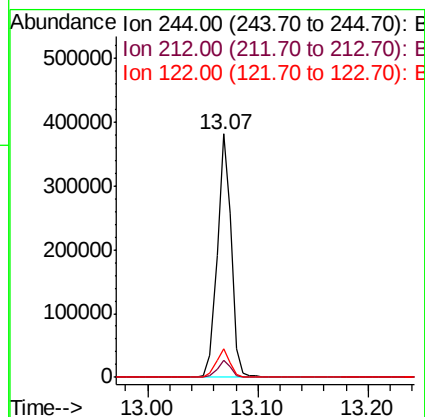
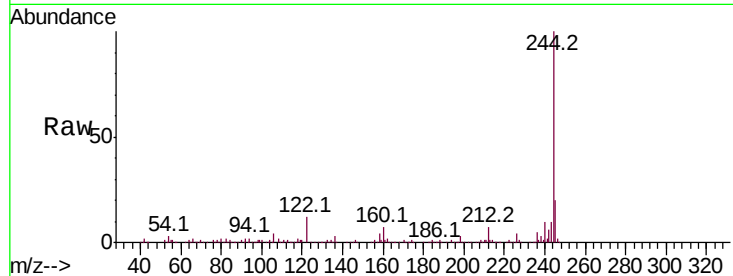




#79
 Terphenyl-d14
 Concen: 44.272 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

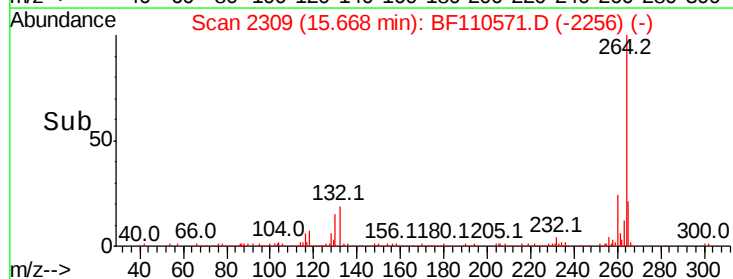
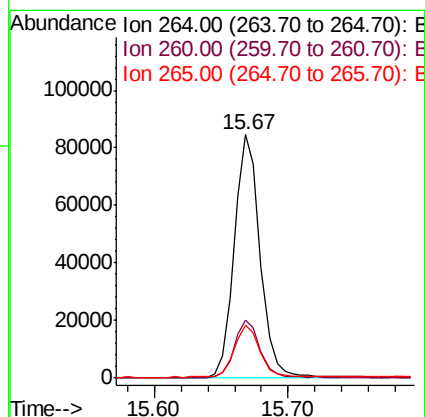
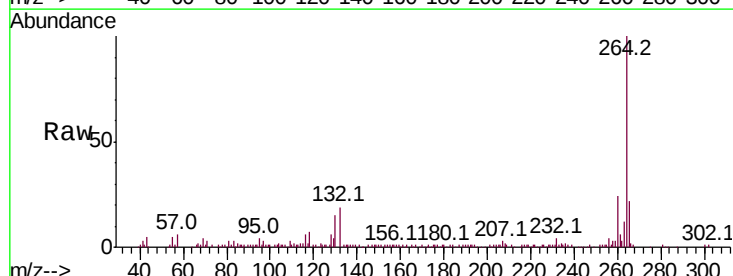
Instrument :
 BNA_F
 ClientSampleId :

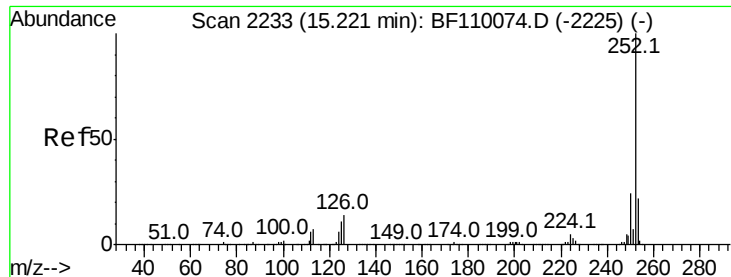
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.8	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	16.7	25.1

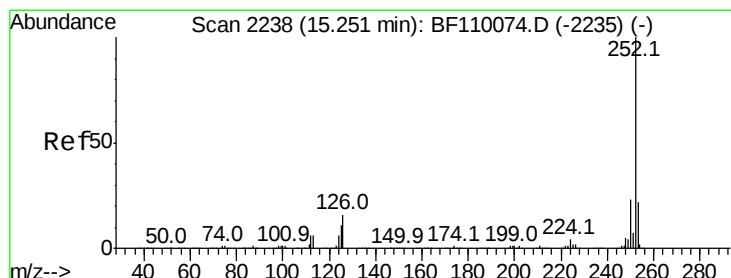
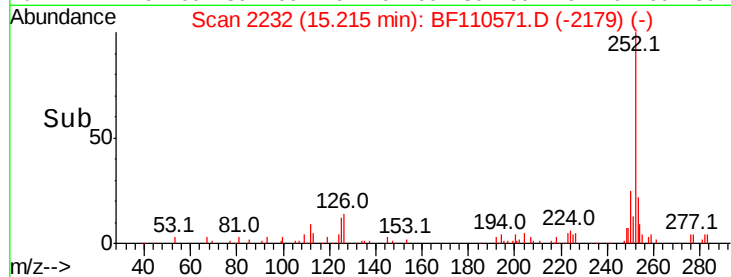
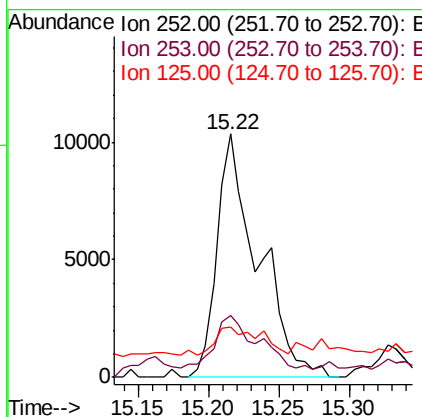
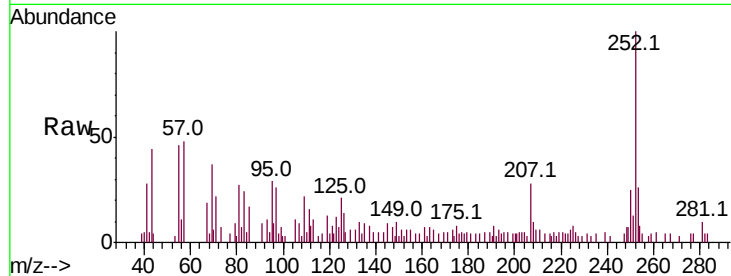




#88
Benzo(b)fluoranthene
Concen: 3.176 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	20.7	8.2	12.4



#89
Benzo(k)fluoranthene
Concen: 3.231 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	20.7	7.4	11.0

