

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111996.D
 Acq On : 10 Jan 2019 19:16
 Operator : JU/SJ
 Sample : K1071-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:53:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

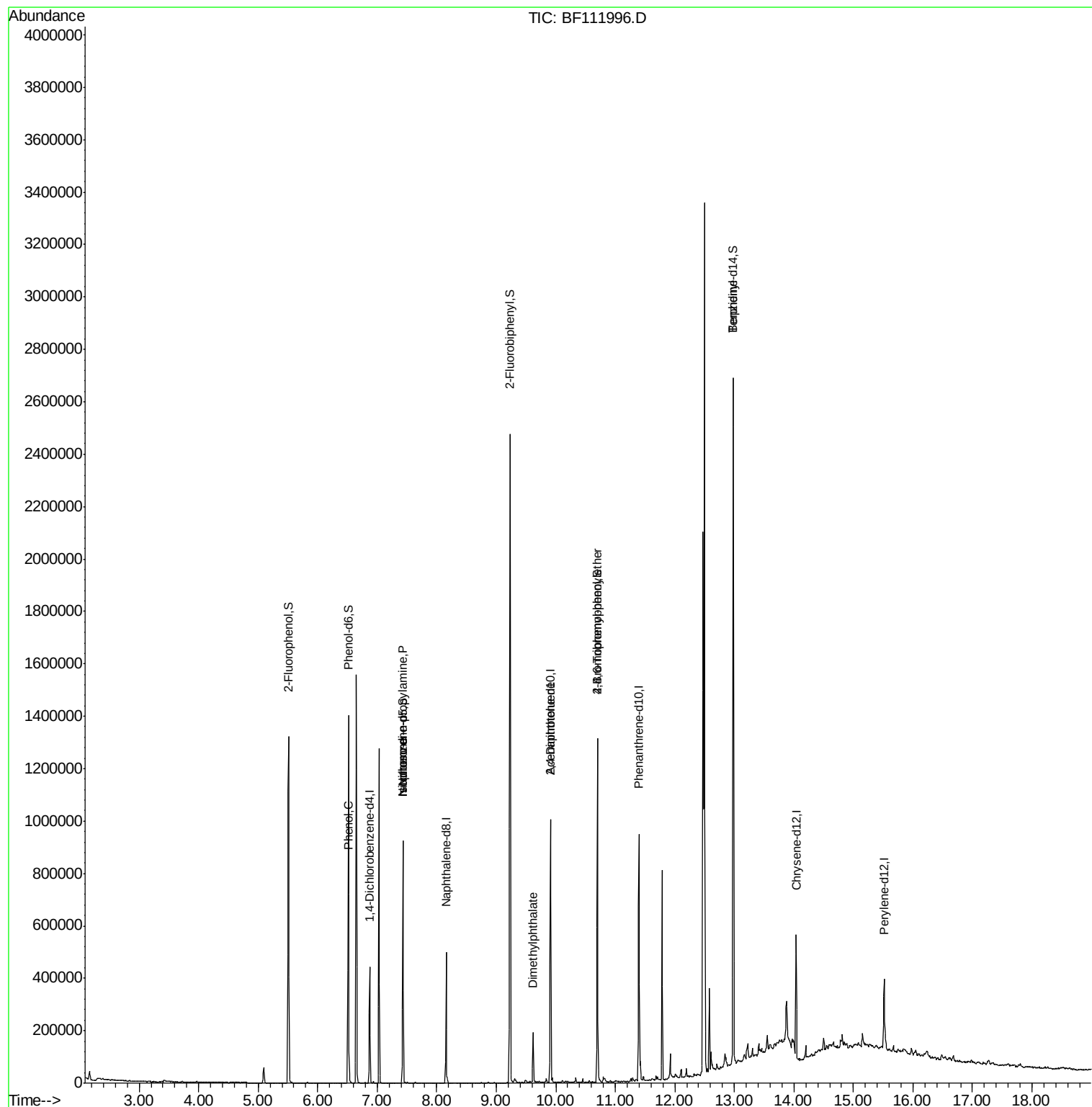
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	57083	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	206935	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	184620	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	319920	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	164897	20.00	ng	-0.02
87) Perylene-d12	15.52	264	123618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	339017	101.61	ng	-0.01
7) Phenol-d6	6.52	99	427132	99.32	ng	-0.02
23) Nitrobenzene-d5	7.43	82	274792	70.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	161286	67.16	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	804495	63.54	ng	-0.02
79) Terphenyl-d14	12.99	244	948544	109.19	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	697	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	16334	3.495	ng	# 80
19) n-Nitroso-di-n-propylamine	7.43	70	36827	13.180	ng	# 77
25) Isophorone	7.43	82	274789	43.827	ng	# 65
50) Dimethylphthalate	9.62	163	73646	5.310	ng	# 98
57) 2,4-Dinitrotoluene	9.91	165	23879	5.959	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	9737	2.350	ng	# 1
77) Benzidine	12.98	184	11871	2.409	ng	# 96

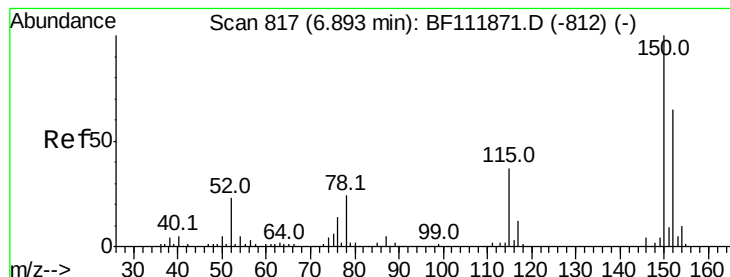
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111996.D
Acq On : 10 Jan 2019 19:16
Operator : JU/SJ
Sample : K1071-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



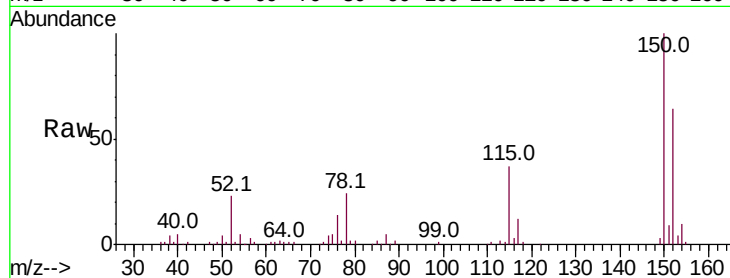


#1

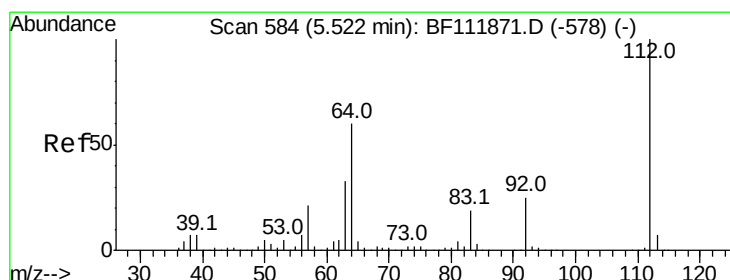
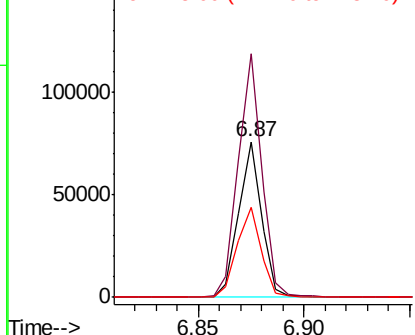
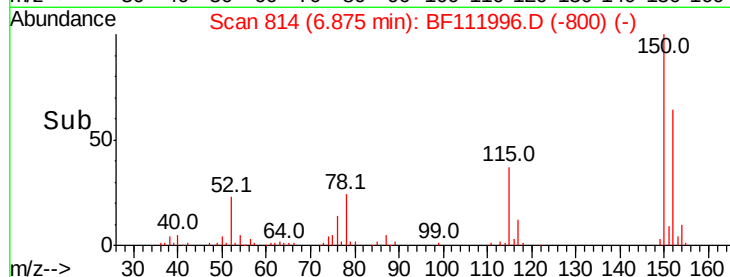
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57083
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 57.9 45.2 67.8



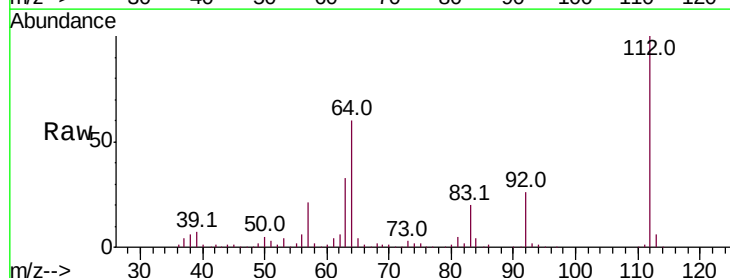
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



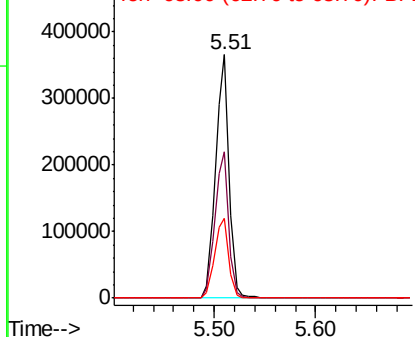
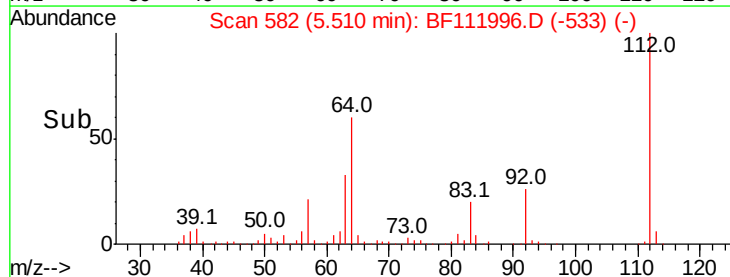
#5

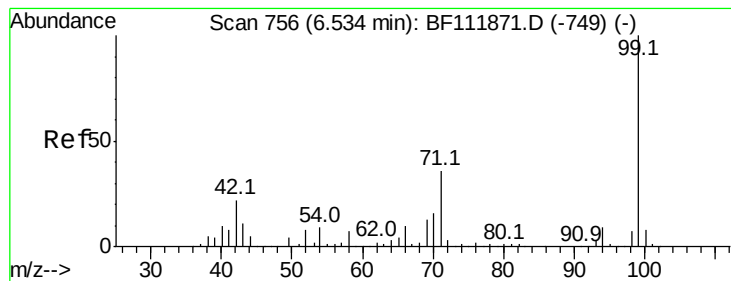
2-Fluorophenol
Concen: 101.606 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion:112 Resp: 339017
Ion Ratio Lower Upper
112 100
64 60.0 48.3 72.5
63 32.5 26.1 39.1



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: 99.322 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

Instrument :

BNA_F

ClientSampleId :

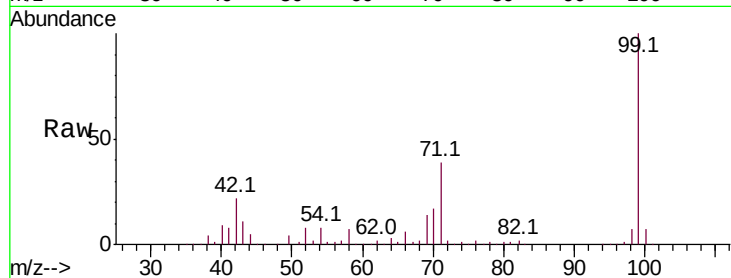
Tot Ion: 99 Resp: 427132

Ion Ratio Lower Upper

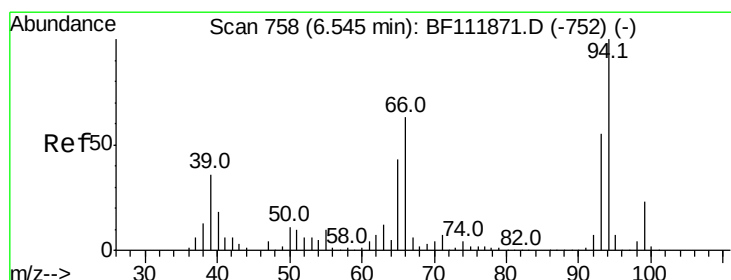
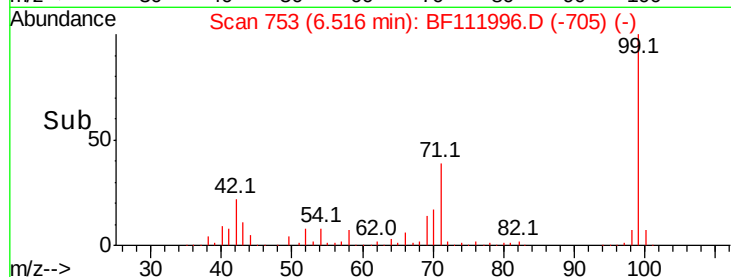
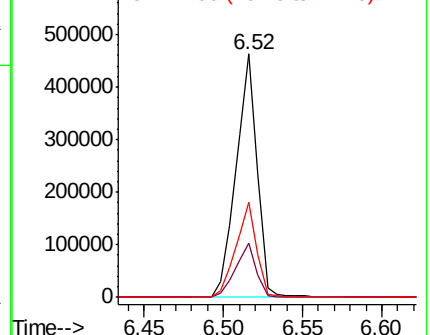
99 100

42 22.1 17.9 26.9

71 38.9 28.7 43.1



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: 3.495 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

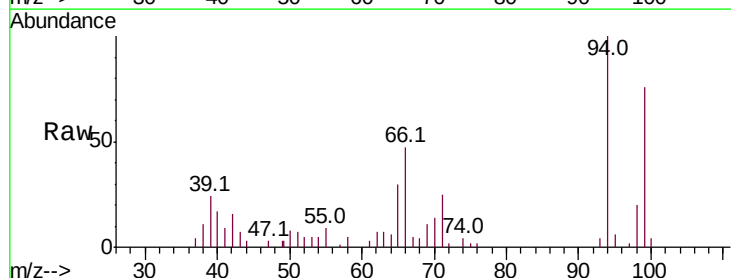
Tgt Ion: 94 Resp: 16334

Ion Ratio Lower Upper

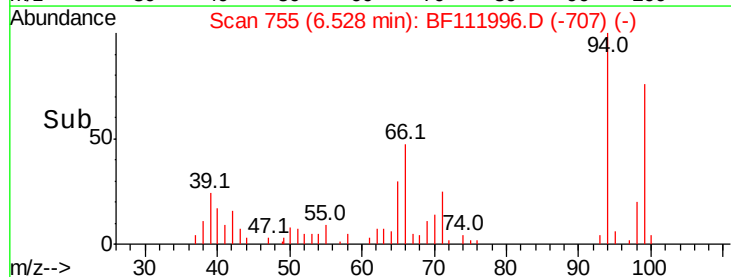
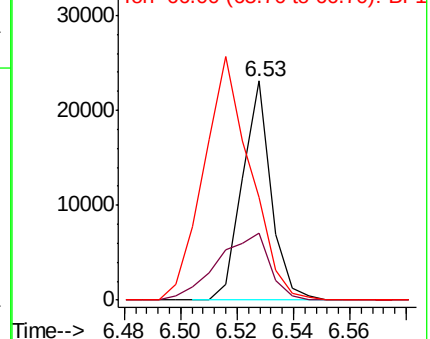
94 100

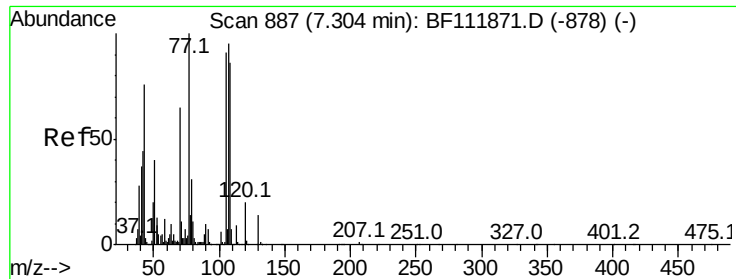
65 30.5 22.8 62.8

66 46.8 43.3 83.3



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

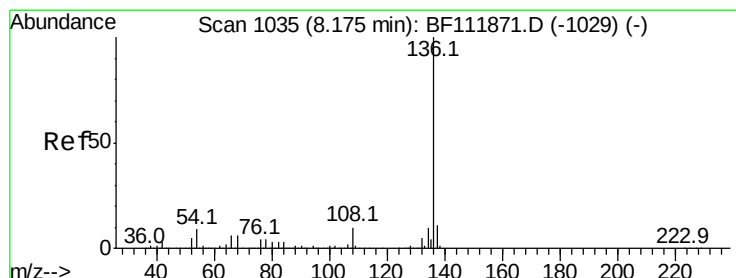
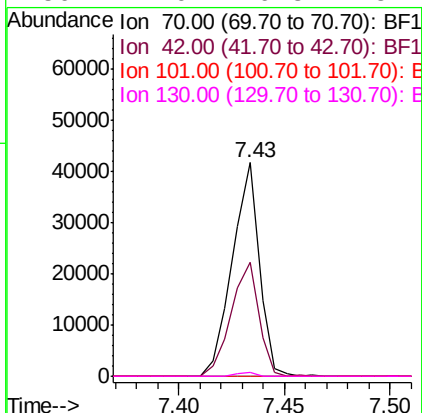
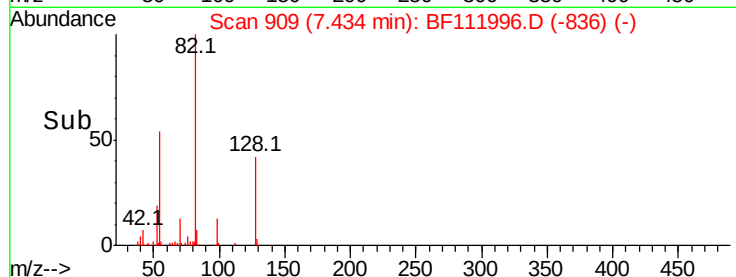
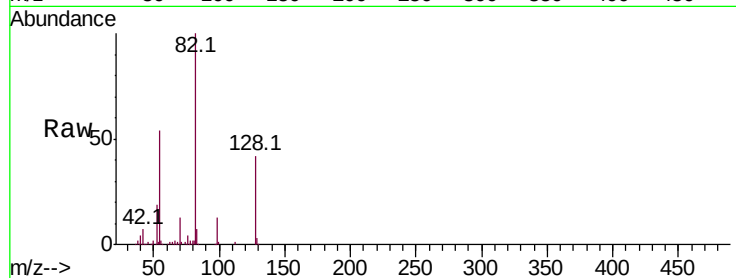




#19
n-Nitroso-di-n-propylamine
Concen: 13.180 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

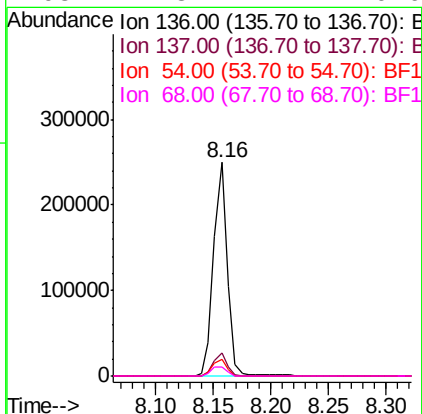
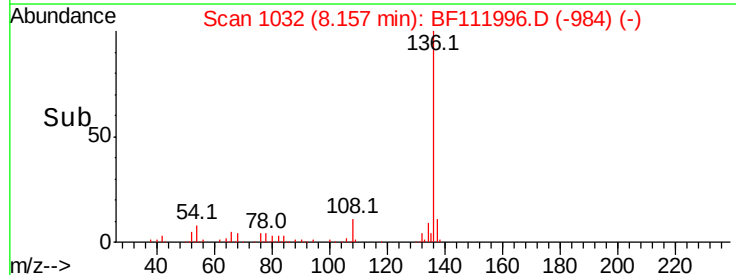
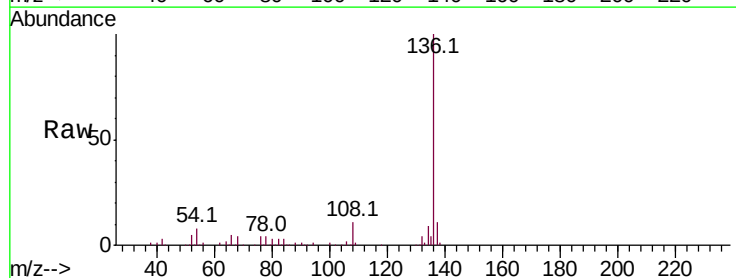
Instrument :
BNA_F
ClientSampleId :

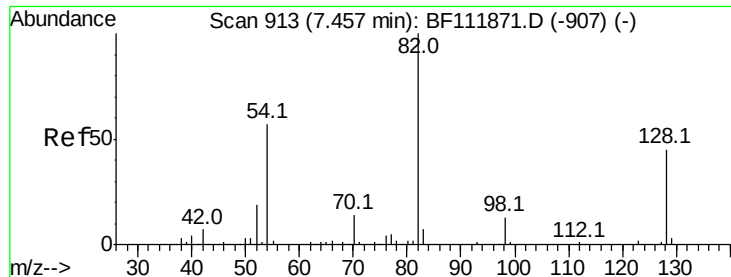
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	53.6	80.4#
101	0.0	7.3	10.9#
130	2.0	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.6	7.2	10.8
68	4.3	4.4	6.6#

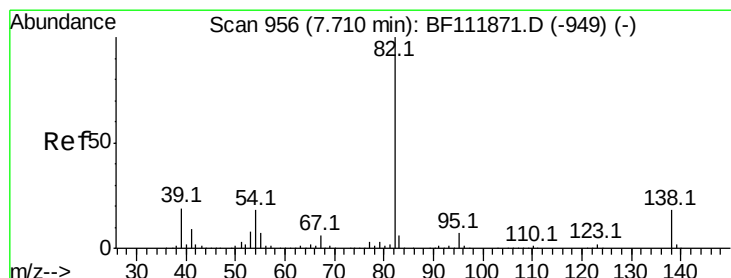
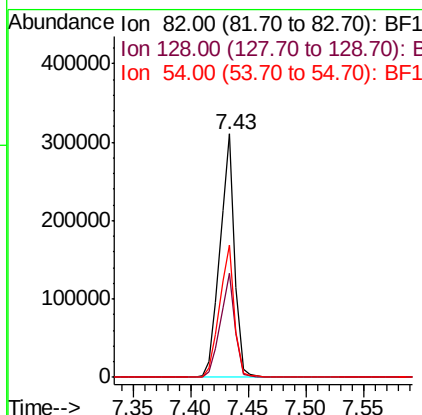
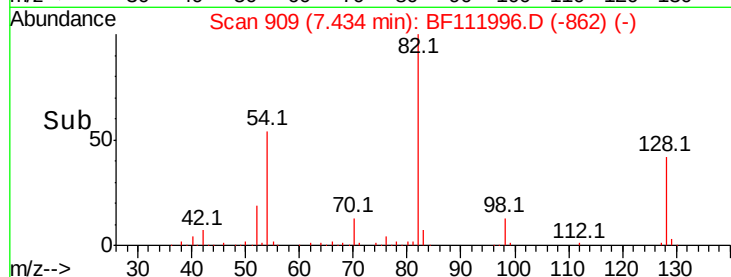
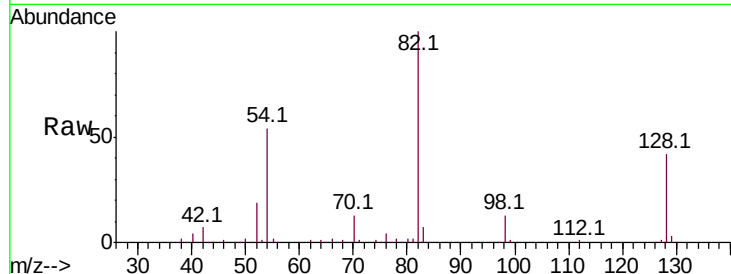




#23
Nitrobenzene-d5
Concen: 70.971 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

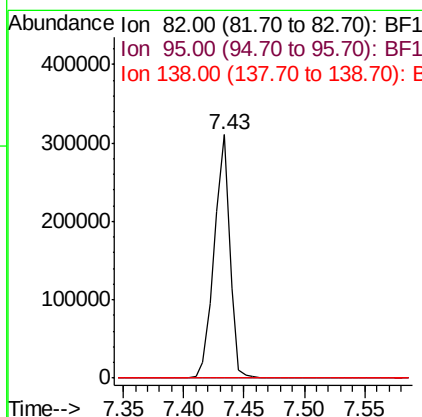
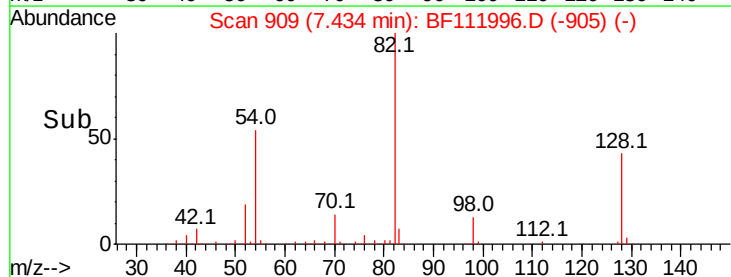
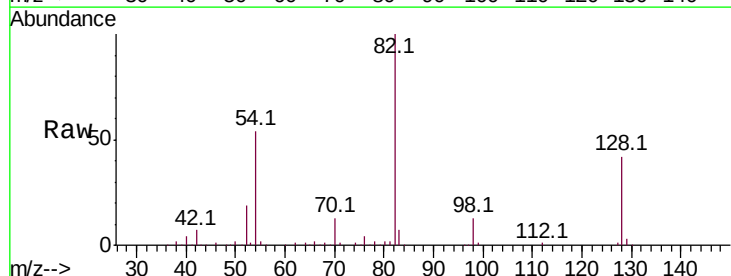
Instrument :
BNA_F
ClientSampled :

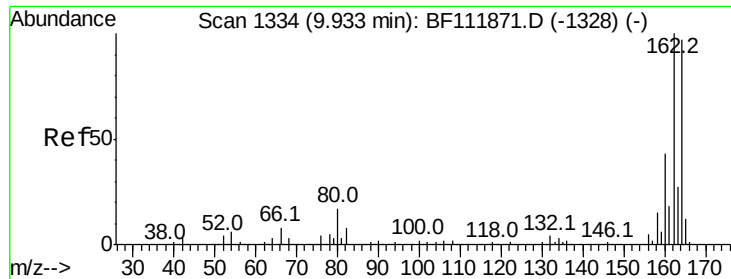
Tot Ion	82	Resp	274792
Ion Ratio	Lower	Upper	
82	100		
128	42.5	35.7	53.5
54	54.5	45.8	68.8



#25
Isophorone
Concen: 43.827 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion	82	Resp	274789
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#

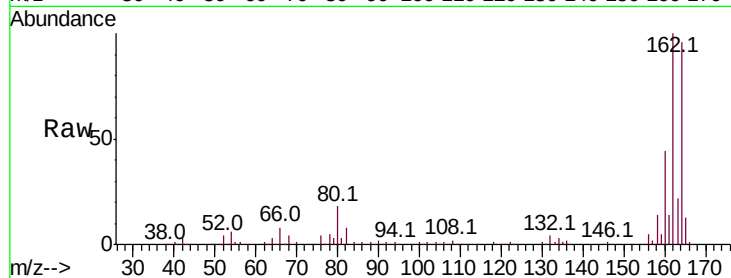




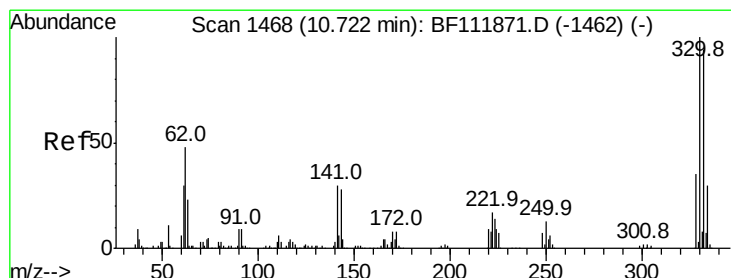
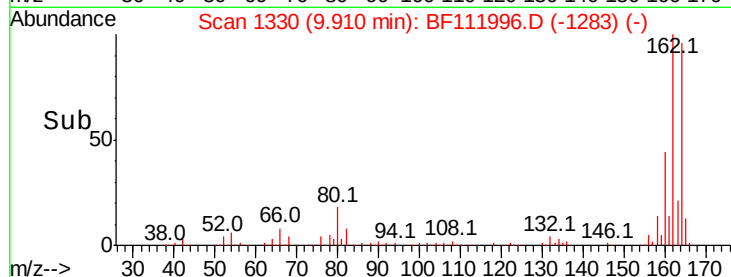
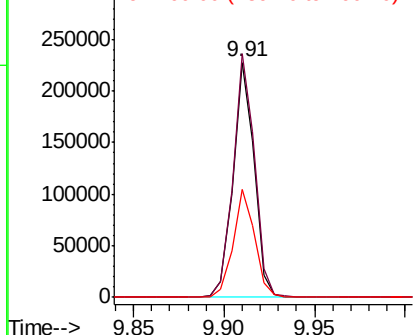
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 184620
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 45.9 35.5 53.3

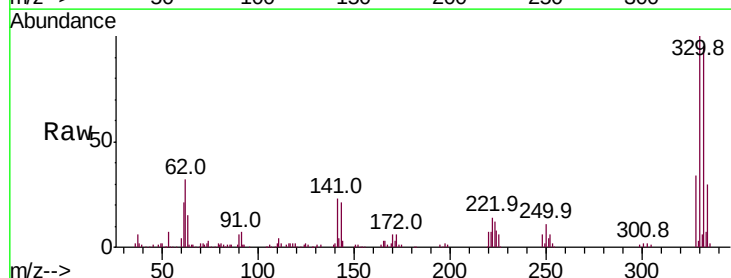


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

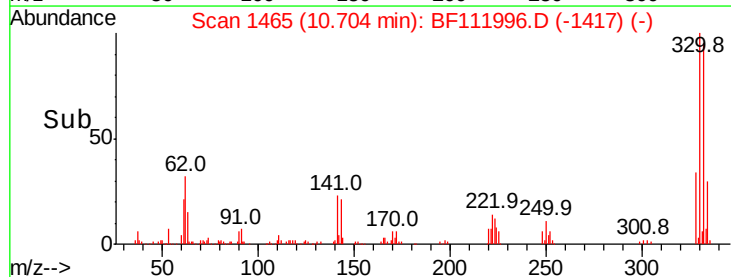
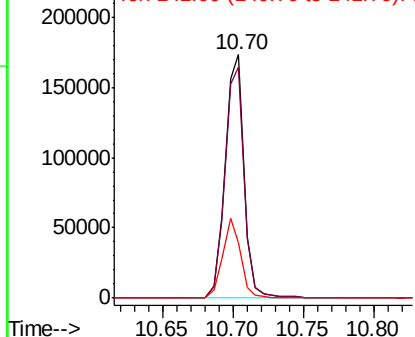


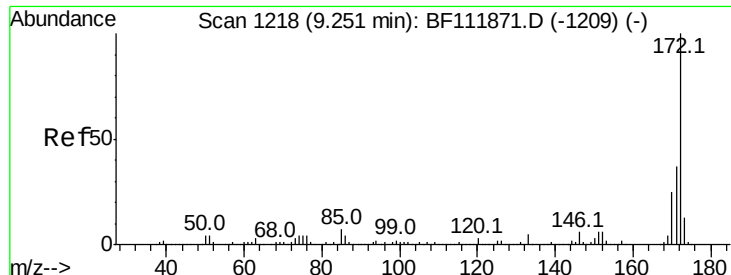
#42
2,4,6-Tribromophenol
Concen: 67.165 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion:330 Resp: 161286
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 31.1 23.7 35.5



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

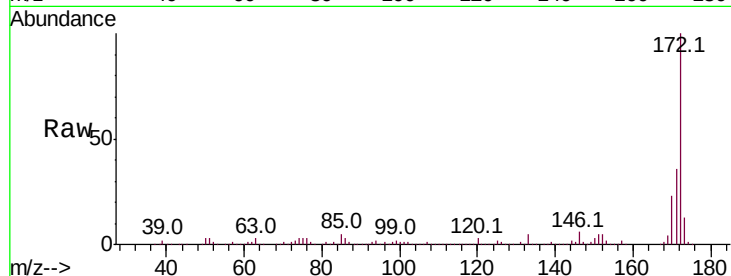




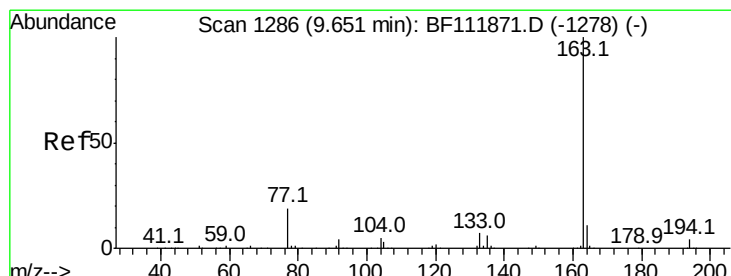
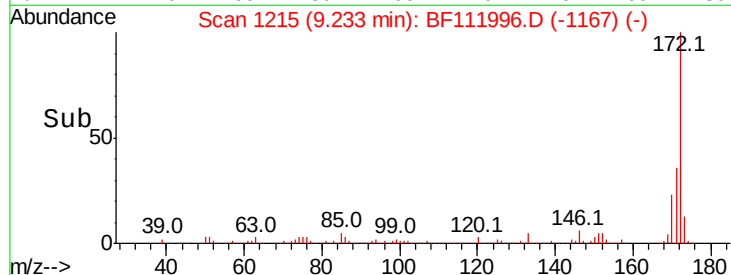
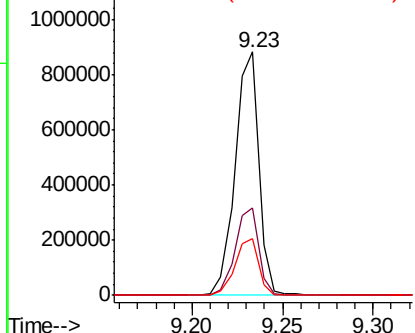
#45
2-Fluorobiphenyl
Concen: 63.542 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.2	19.8	29.8

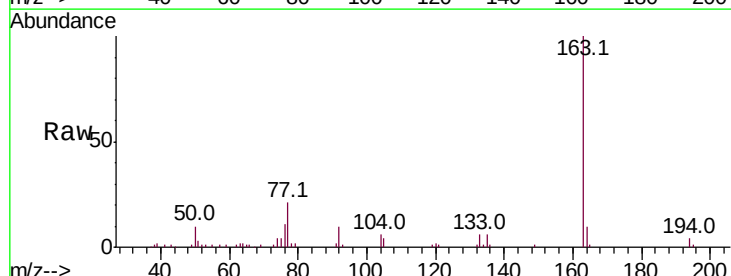


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

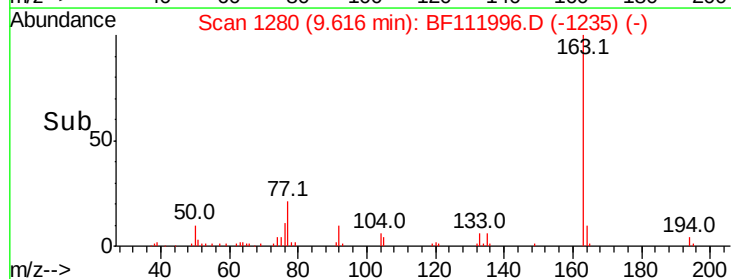
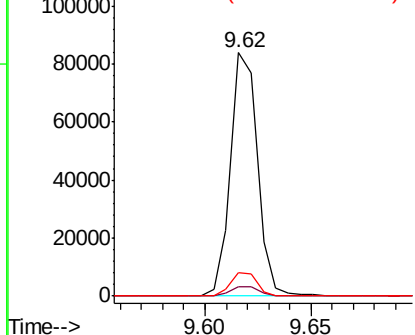


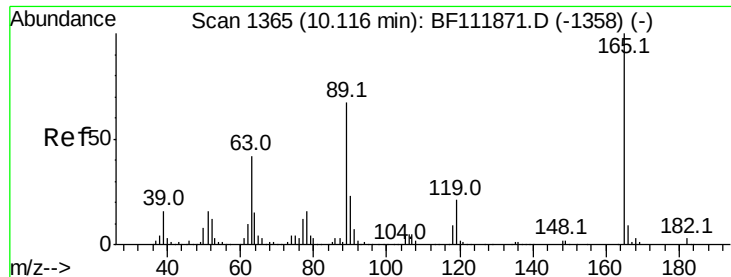
#50
Dimethylphthalate
Concen: 5.310 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.9	8.5	12.7



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: 5.959 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.21 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23879

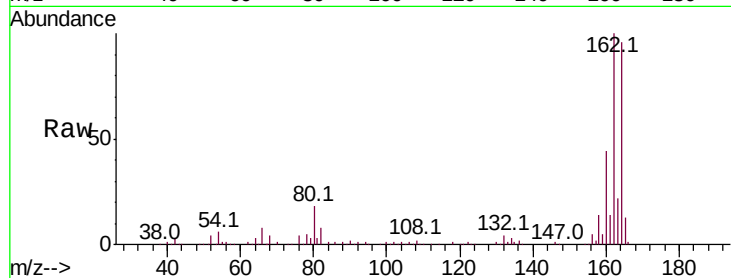
Ion Ratio Lower Upper

165 100

63 1.2 34.1 51.1#

89 1.4 53.5 80.3#

182 0.0 2.0 3.0#

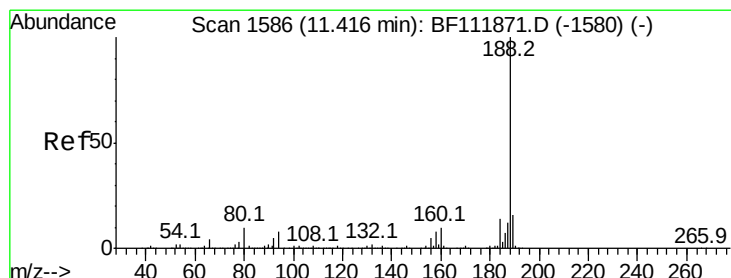
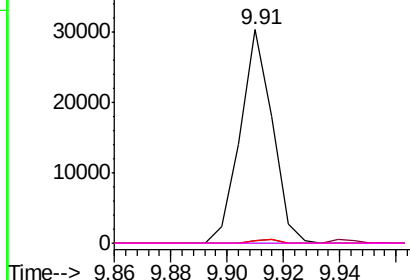
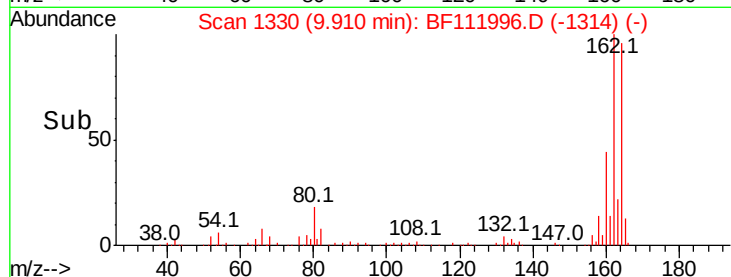


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

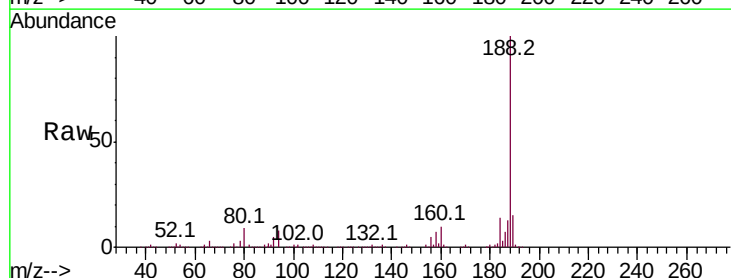
Tgt Ion:188 Resp: 319920

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

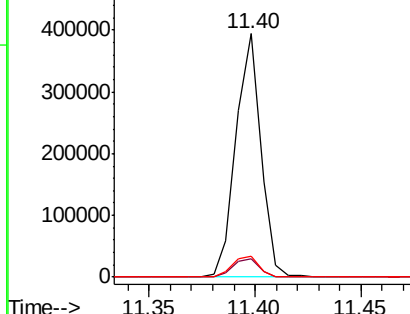
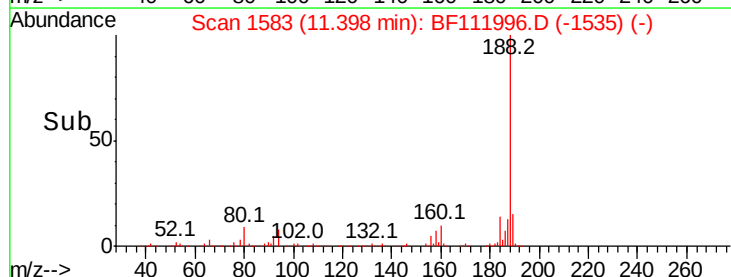
80 8.8 7.7 11.5

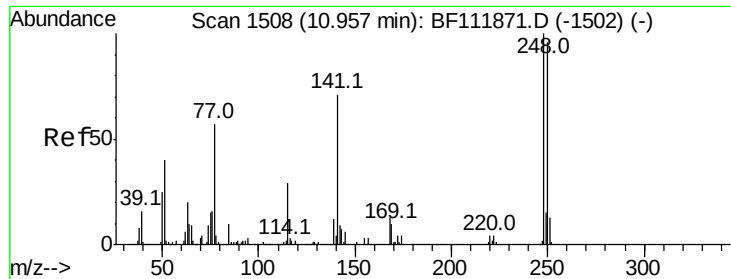


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

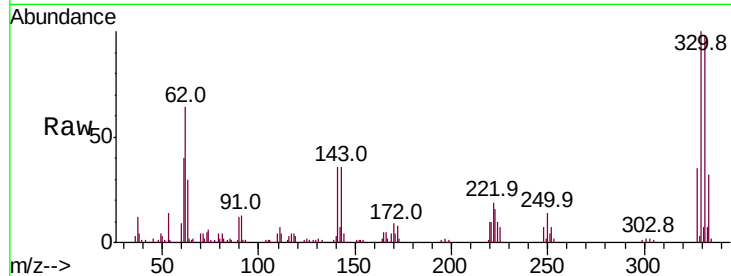




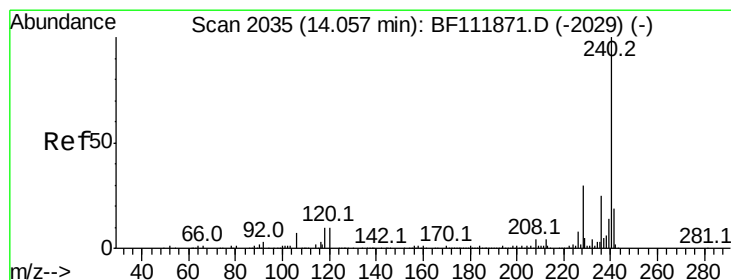
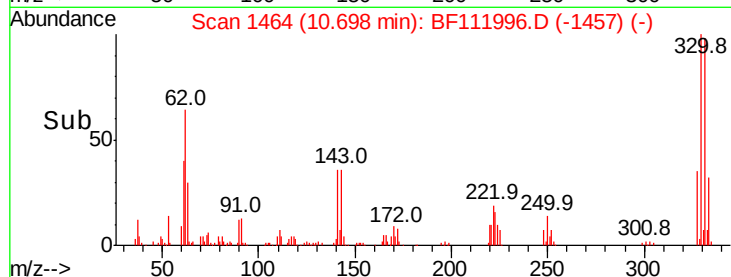
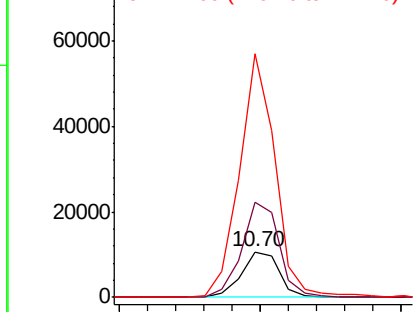
#67
4-Bromophenyl-phenylether
Concen: 2.350 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9737
Ion Ratio Lower Upper
248 100
250 210.4 76.8 115.2#
141 537.6 57.0 85.6#

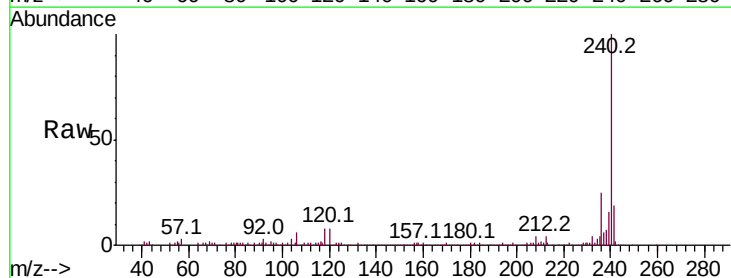


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

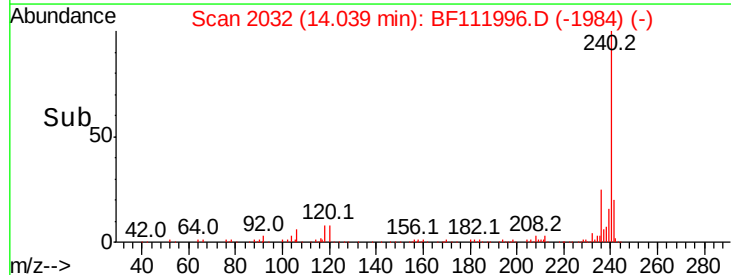
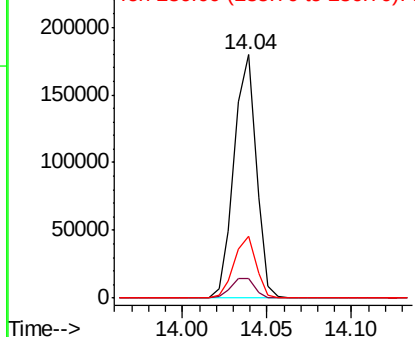


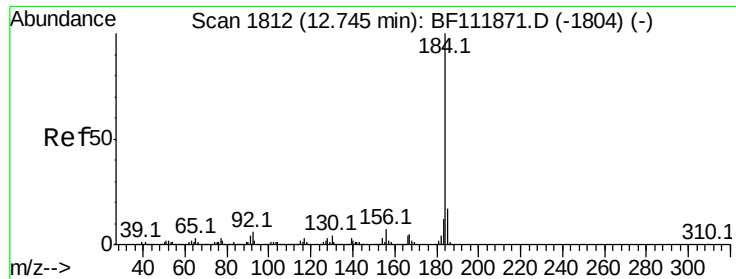
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Tgt Ion:240 Resp: 164897
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 25.4 20.2 30.4



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





#77

Benzidine

Concen: 2.409 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.24 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

Instrument :

BNA_F

ClientSampleId :

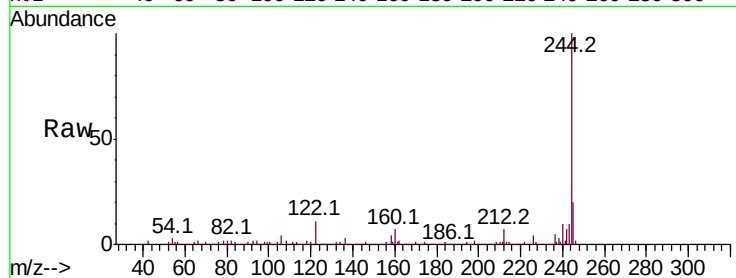
Tot Ion:184 Resp: 11871

Ion Ratio Lower Upper

184 100

185 18.2 13.4 20.0

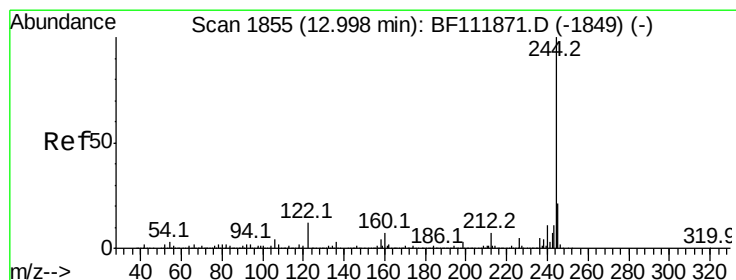
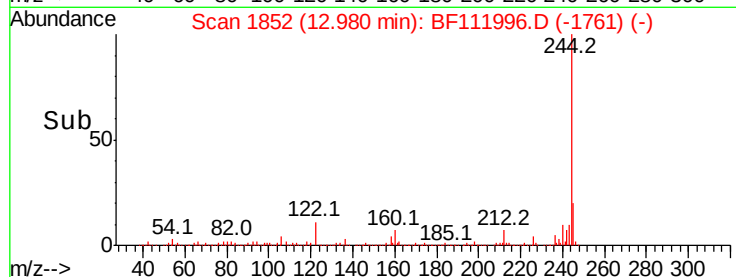
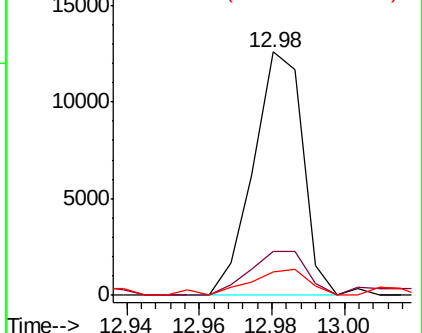
183 9.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 109.192 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF111996.D

Acq: 10 Jan 2019 19:16

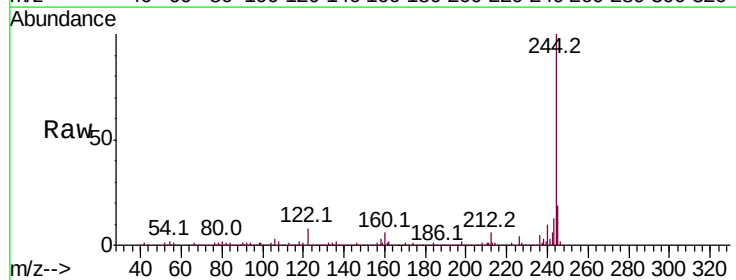
Tgt Ion:244 Resp: 948544

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

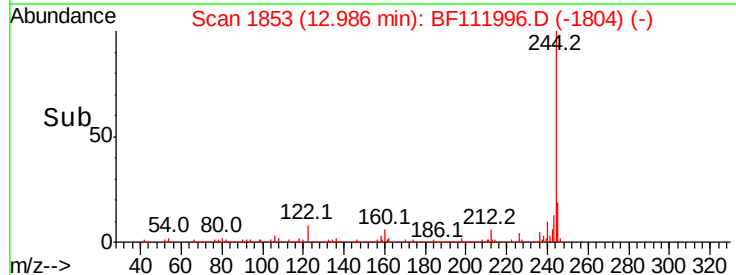
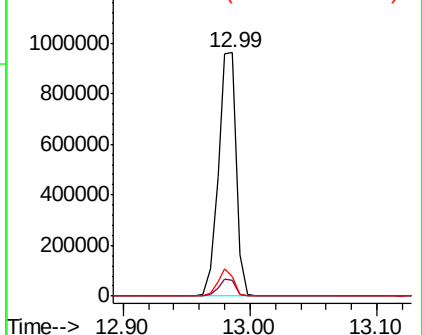
122 8.3 9.5 14.3#

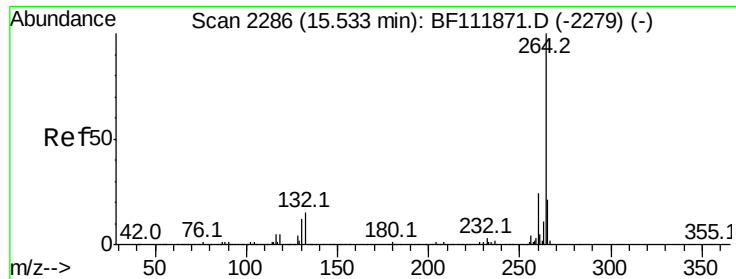


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

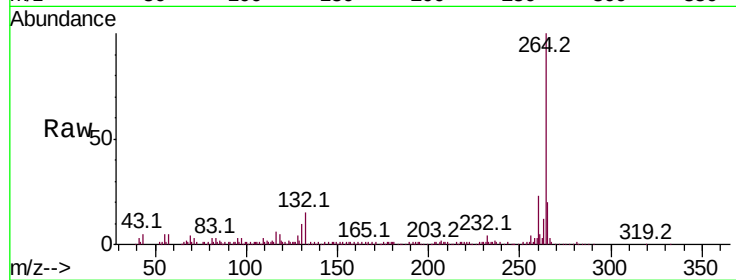




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BF111996.D
Acq: 10 Jan 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.3	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

