

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111909.D
 Acq On : 8 Jan 2019 16:14
 Operator : JU/SJ
 Sample : K1075-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 17:55:38 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

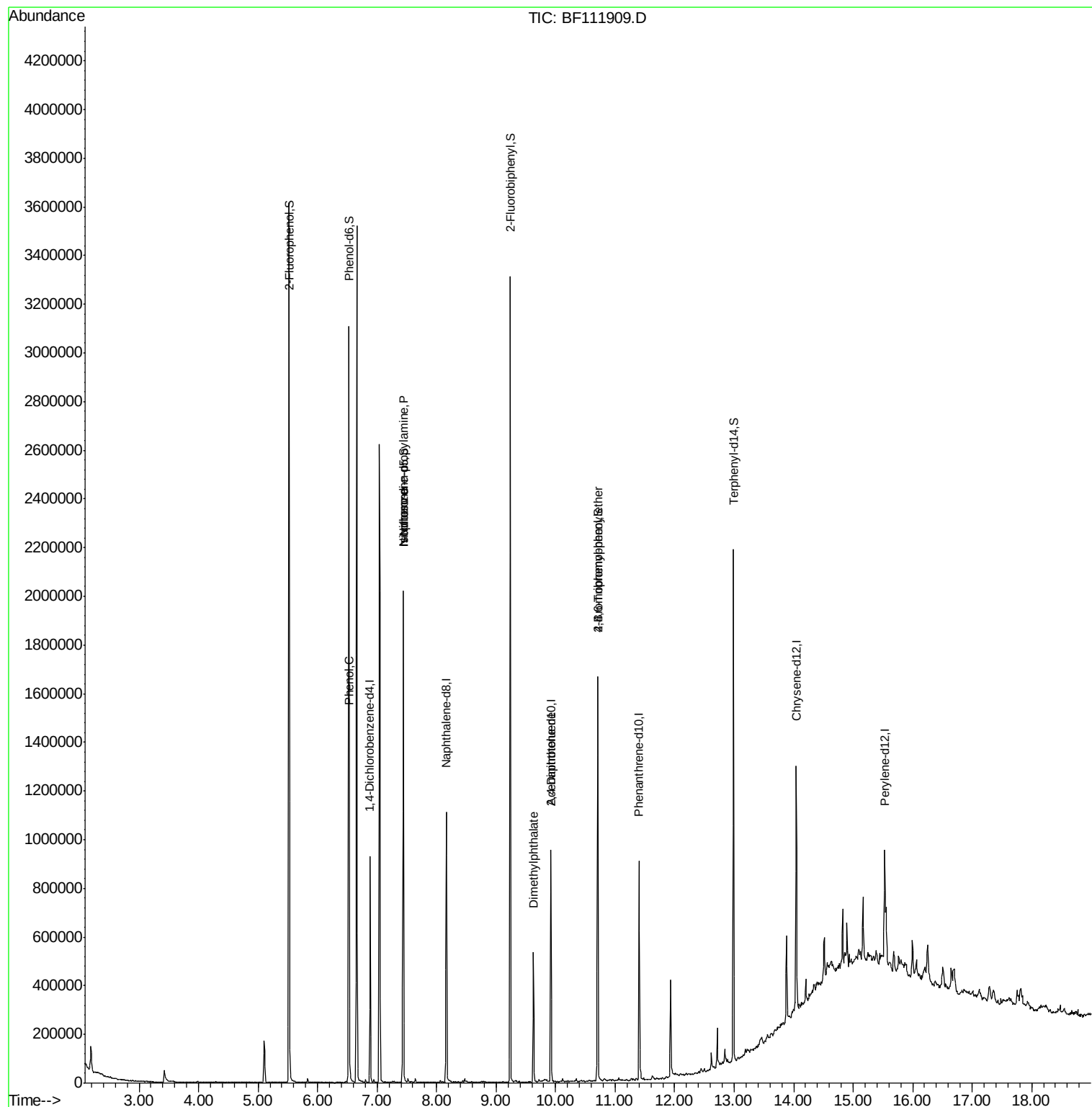
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134342	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	498769	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	179284	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	310782	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	328953	20.00	ng	-0.01
87) Perylene-d12	15.53	264	229018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	932769	118.79	ng	0.00
7) Phenol-d6	6.53	99	1020072	100.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	669052	71.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	198378	85.07	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	919390	74.78	ng	-0.01
79) Terphenyl-d14	12.99	244	720674	41.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	2218	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	52313	4.756 ng	#	73
19) n-Nitroso-di-n-propylamine	7.44	70	91490	13.913 ng	#	79
25) Isophorone	7.44	82	669039	44.272 ng	#	65
50) Dimethylphthalate	9.63	163	185411	13.767 ng		98
57) 2,4-Dinitrotoluene	9.92	165	23734	6.099 ng	#	27
67) 4-Bromophenyl-phenylether	10.71	248	11796	2.930 ng	#	1

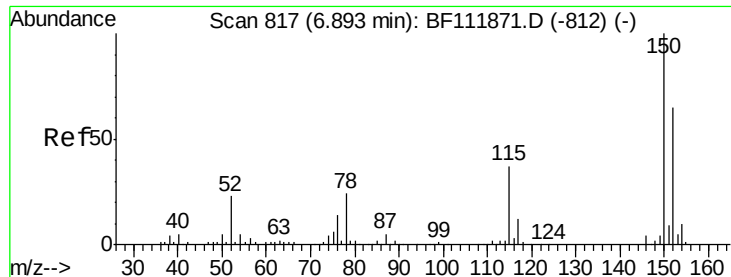
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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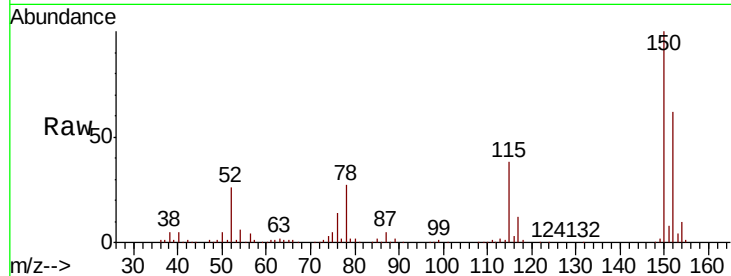


#1

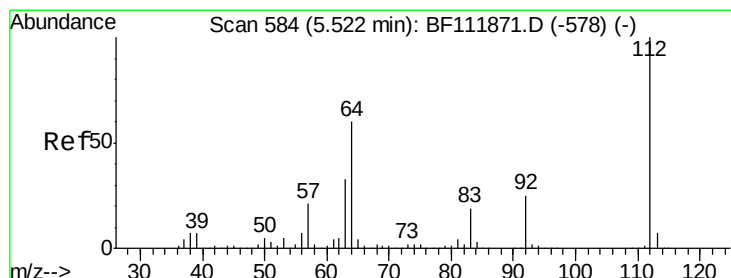
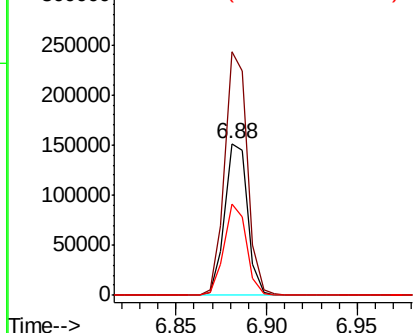
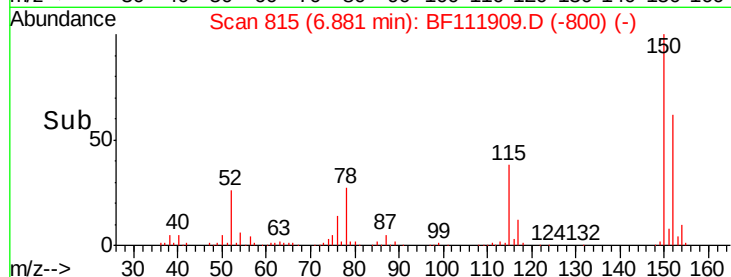
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134342
Ion Ratio Lower Upper
152 100
150 160.5 122.7 184.1
115 60.4 45.2 67.8



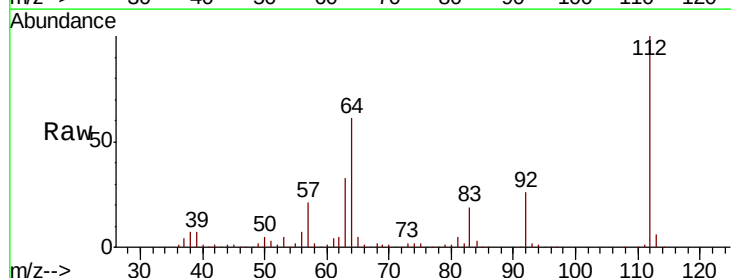
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



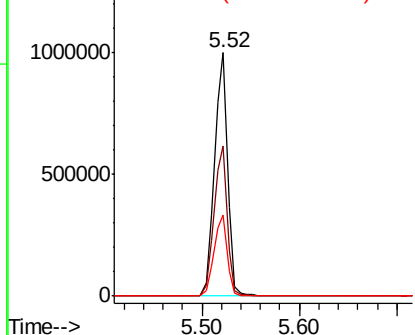
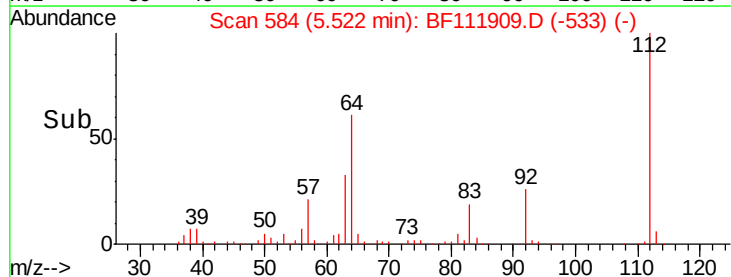
#5

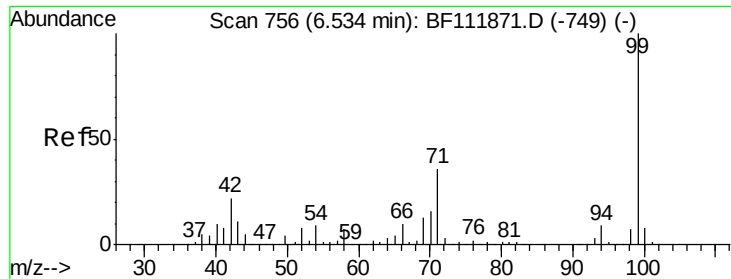
2-Fluorophenol
Concen: 118.786 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:112 Resp: 932769
Ion Ratio Lower Upper
112 100
64 61.5 48.3 72.5
63 33.1 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: 100.788 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

Instrument :

BNA_F

ClientSampled :

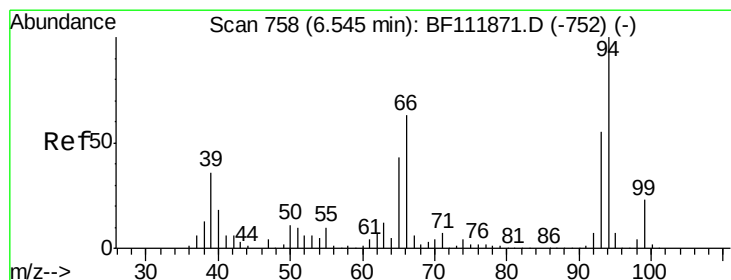
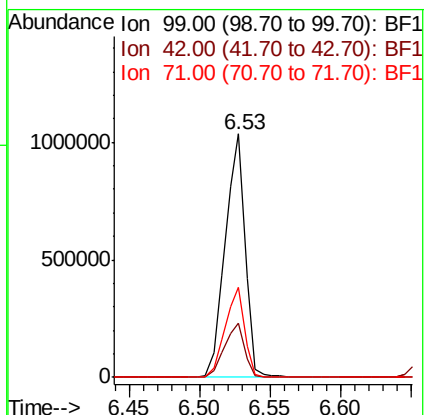
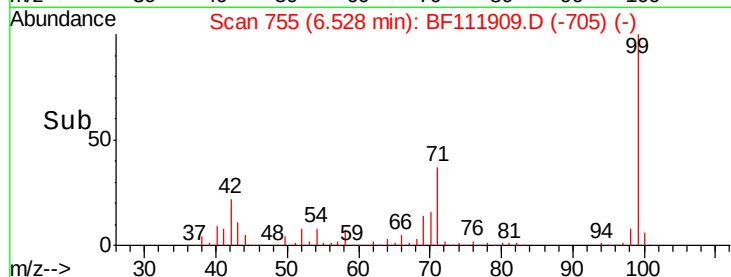
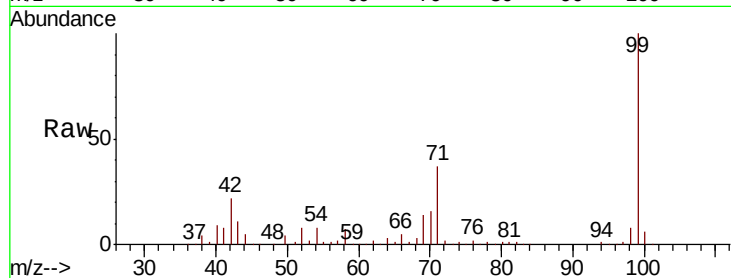
Tot Ion: 99 Resp: 1020072

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

71 37.1 28.7 43.1



#10

Phenol

Concen: 4.756 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

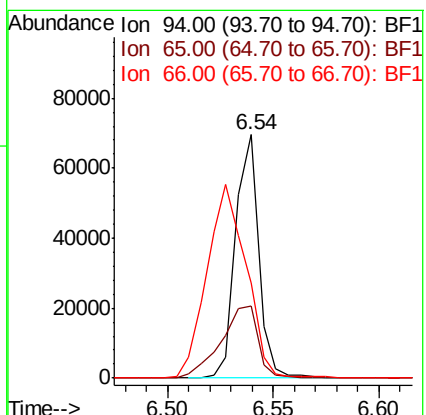
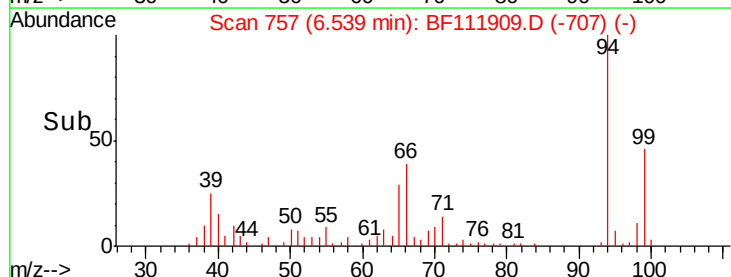
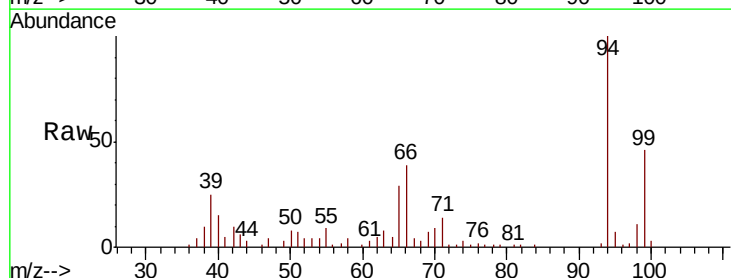
Tgt Ion: 94 Resp: 52313

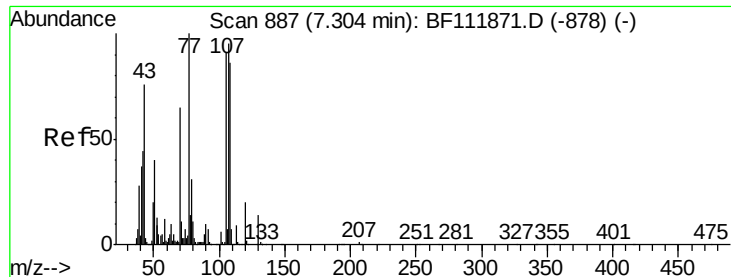
Ion Ratio Lower Upper

94 100

65 29.4 22.8 62.8

66 39.3 43.3 83.3#

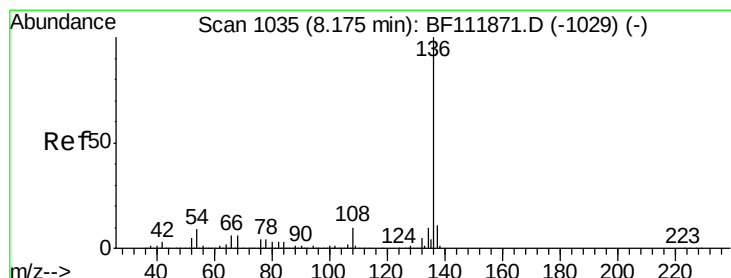
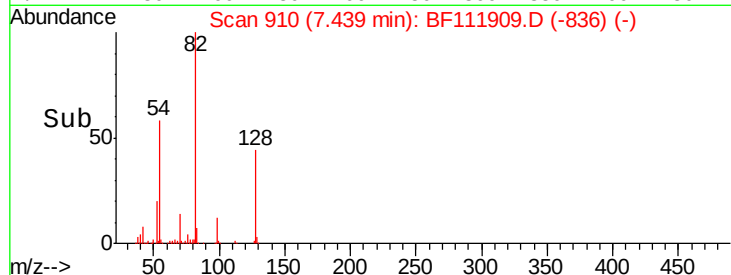
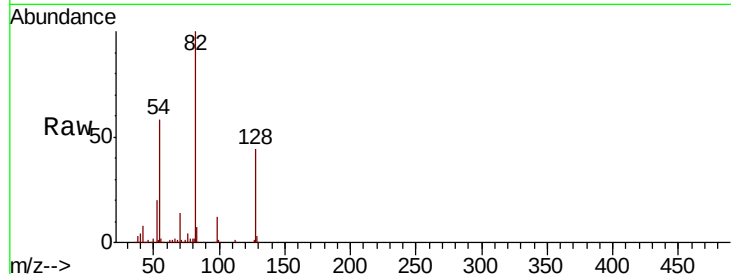
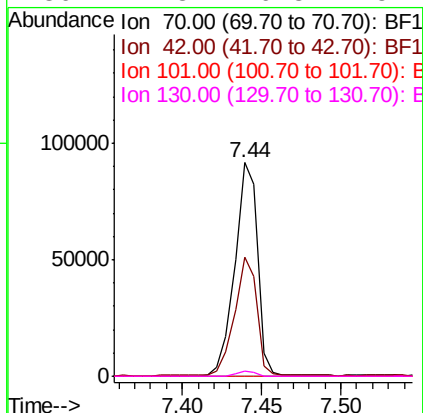




#19
n-Nitroso-di-n-propylamine
Concen: 13.913 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

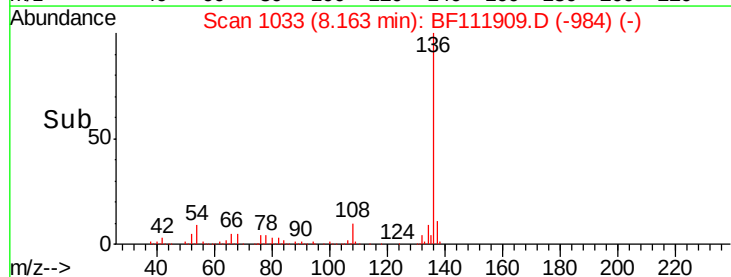
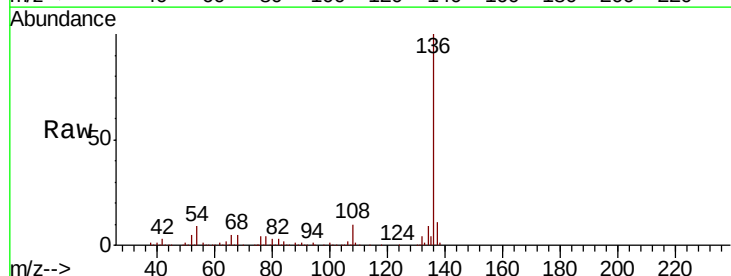
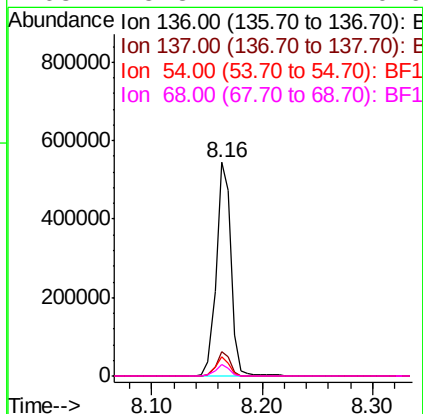
Instrument :
BNA_F
ClientSampleId :

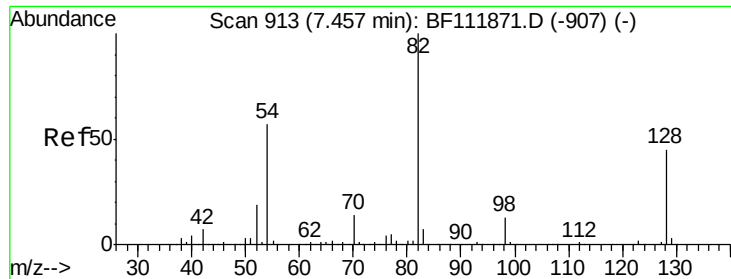
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.6	53.6	80.4	
101	0.0	7.3	10.9	
130	2.3	16.8	25.2	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.1	7.2	10.8	
68	5.3	4.4	6.6	

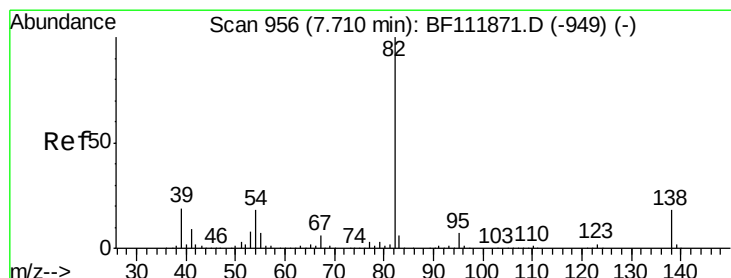
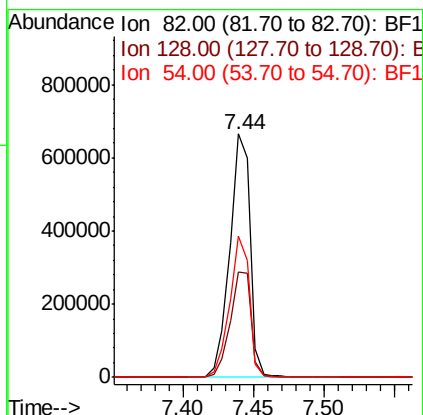
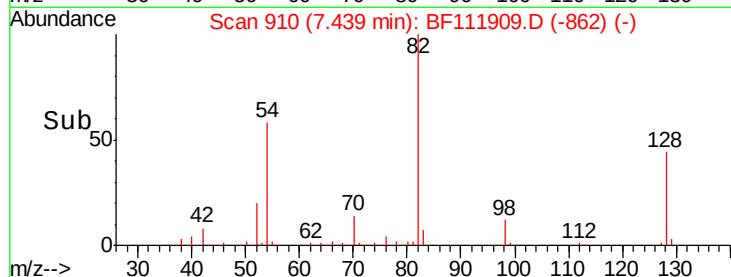
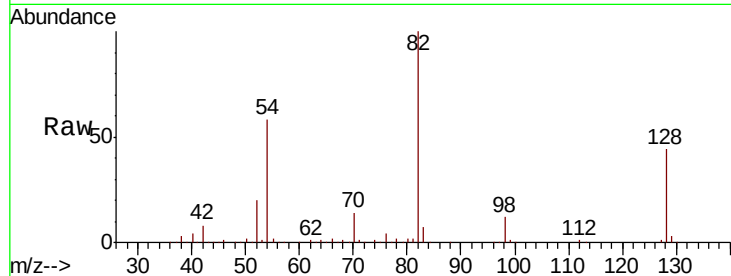




#23
 Nitrobenzene-d5
 Concen: 71.692 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111909.D
 Acq: 8 Jan 2019 16:14

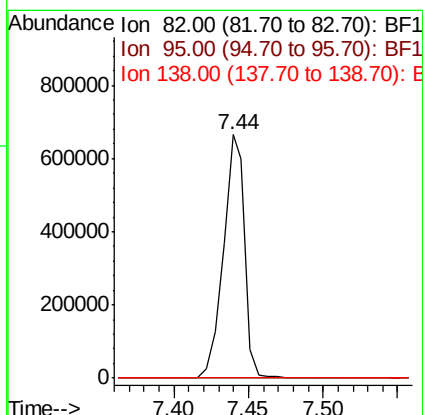
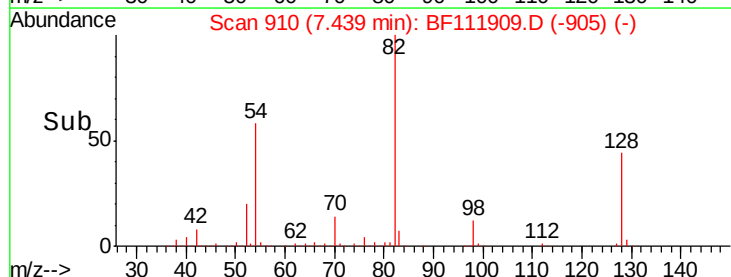
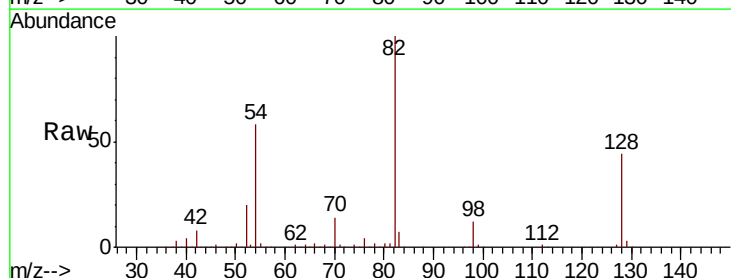
Instrument :
 BNA_F
 ClientSampleId :

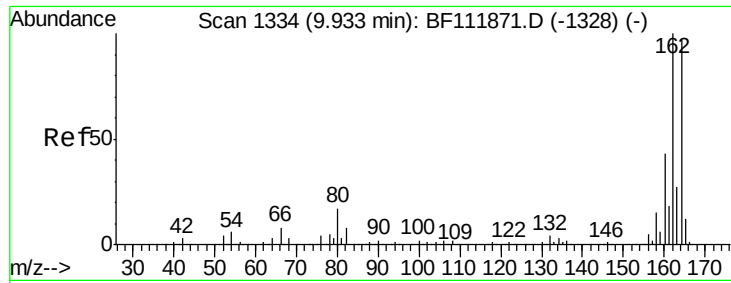
Tot Ion: 82 Resp: 669052
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.7 53.5
 54 58.0 45.8 68.8



#25
 Isophorone
 Concen: 44.272 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF111909.D
 Acq: 8 Jan 2019 16:14

Tgt Ion: 82 Resp: 669039
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.4 21.6#

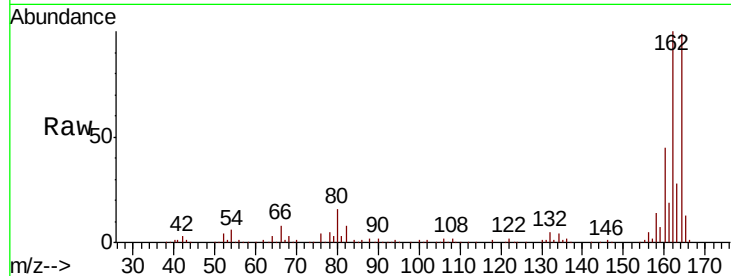




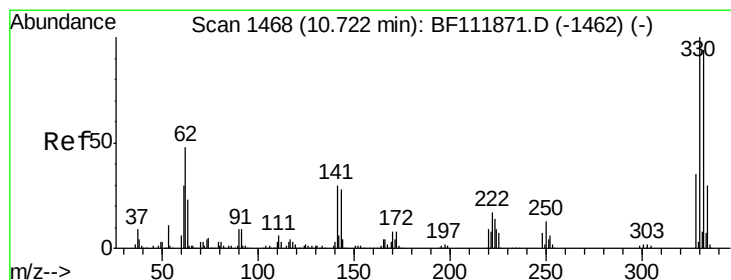
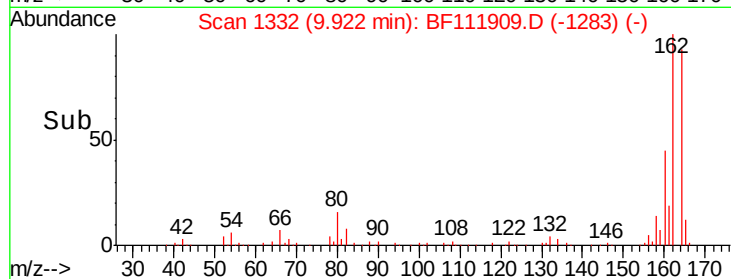
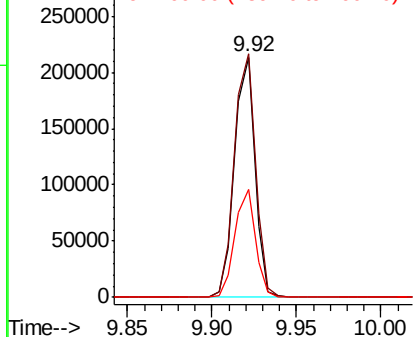
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 179284
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.2 35.5 53.3

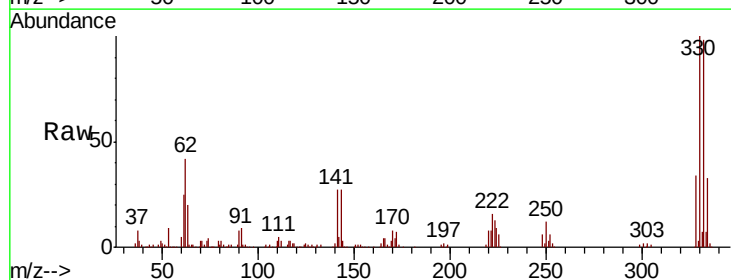


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

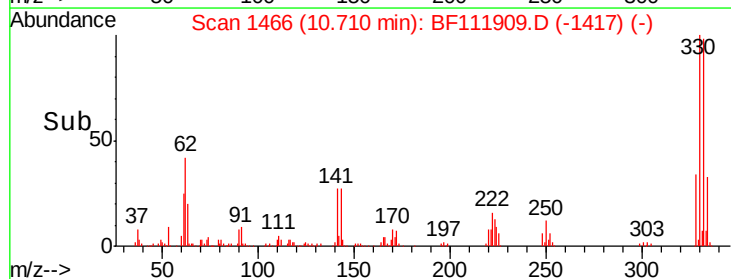
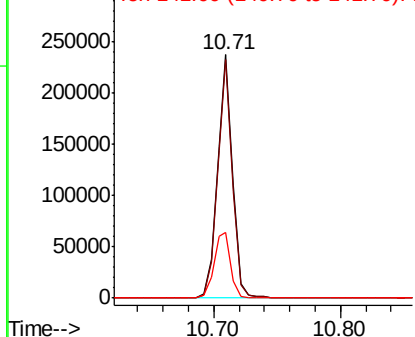


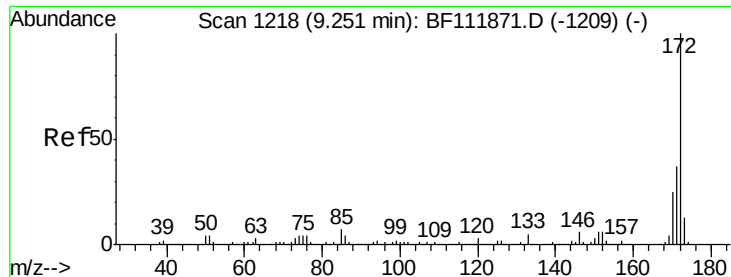
#42
2,4,6-Tribromophenol
Concen: 85.070 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion:330 Resp: 198378
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.2 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

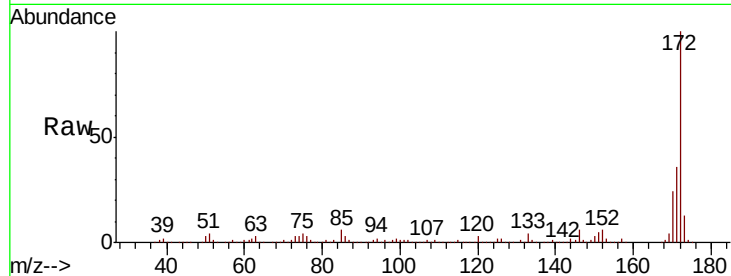




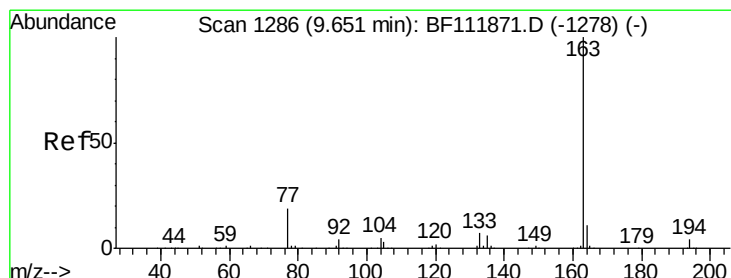
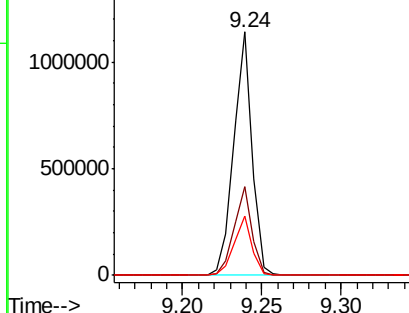
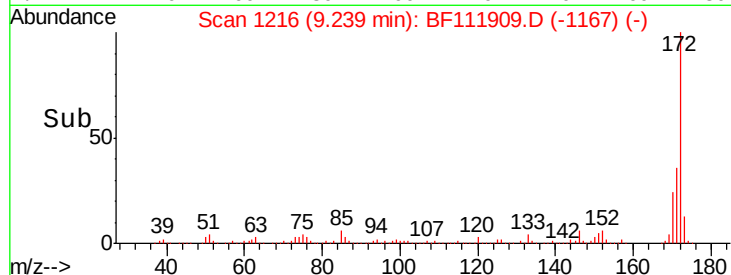
#45
2-Fluorobiphenyl
Concen: 74.778 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

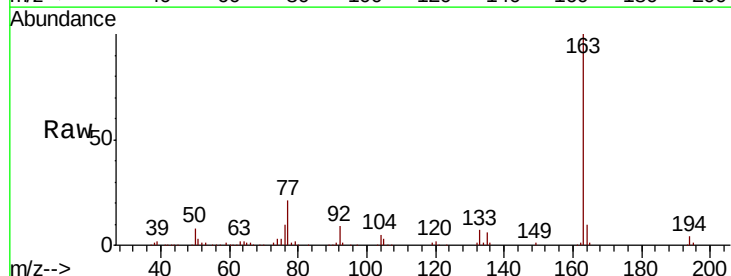


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

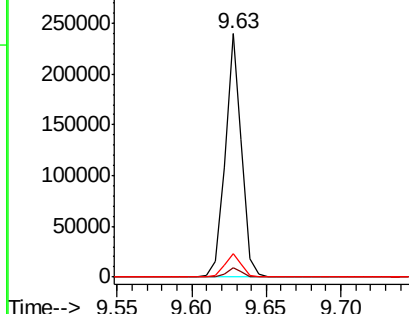
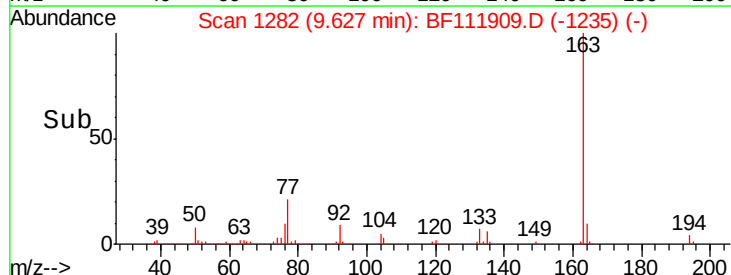


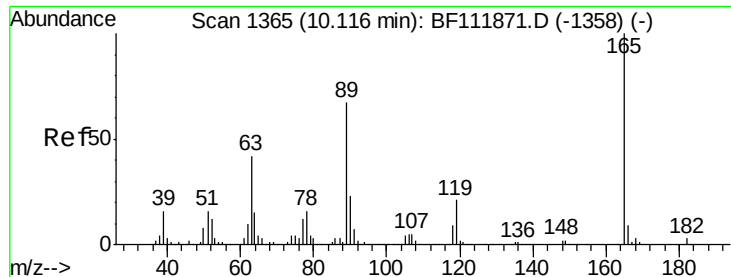
#50
Dimethylphthalate
Concen: 13.767 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111909.D
Acq: 8 Jan 2019 16:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.8	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: 6.099 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23734

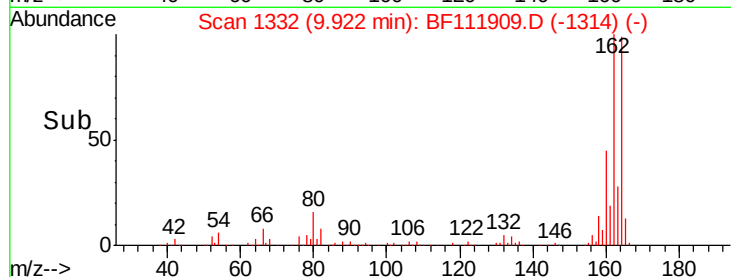
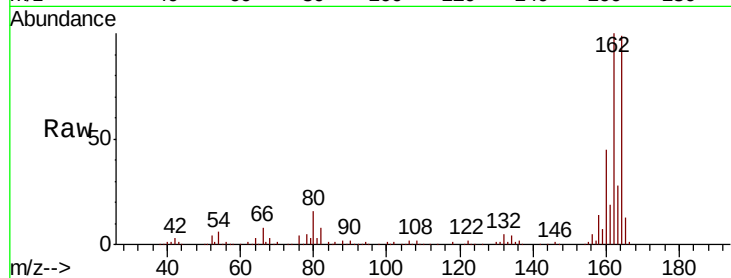
Ion Ratio Lower Upper

165 100

63 1.3 34.1 51.1#

89 2.2 53.5 80.3#

182 0.0 2.0 3.0#

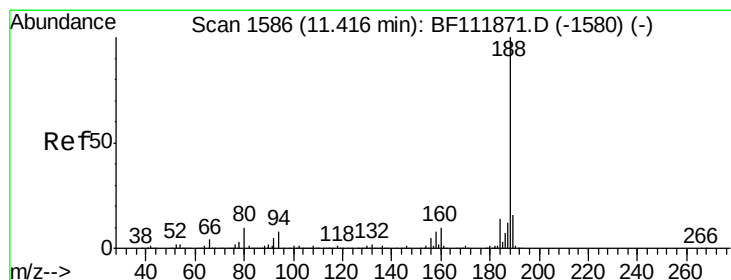
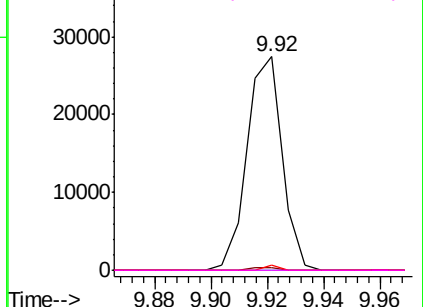


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1584

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

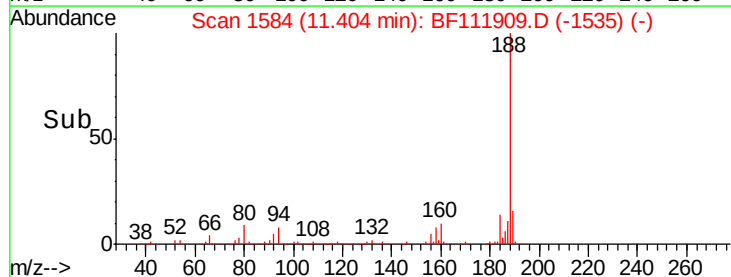
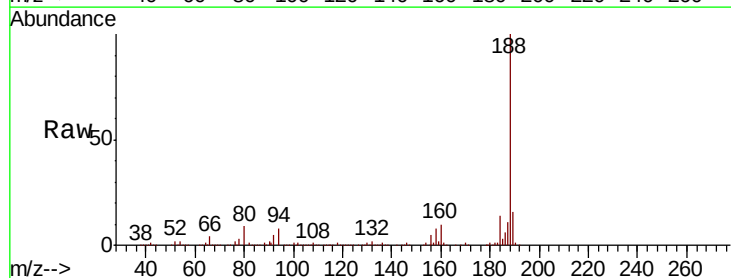
Tgt Ion:188 Resp: 310782

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

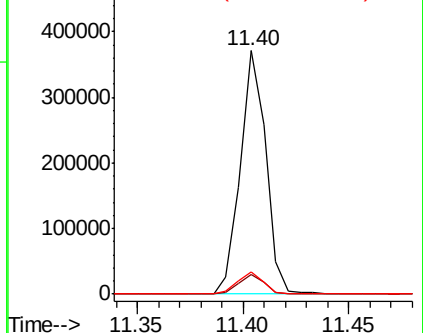
80 9.3 7.7 11.5

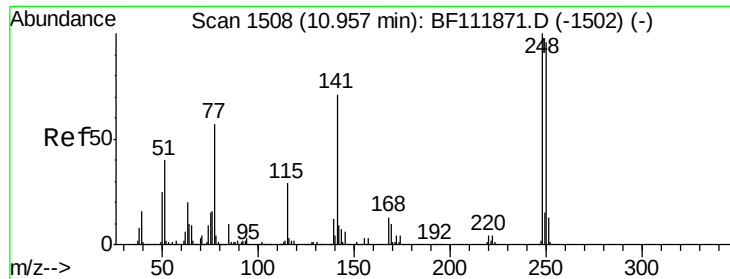


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

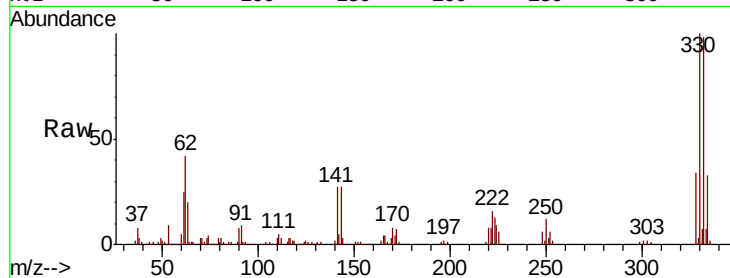




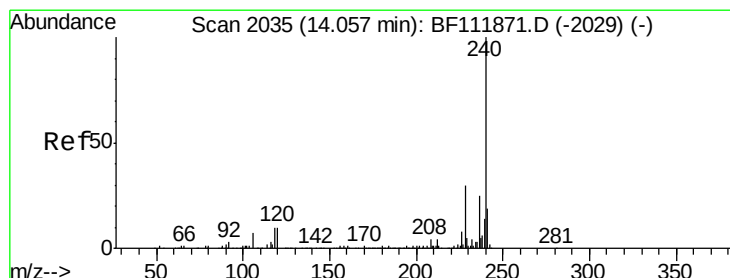
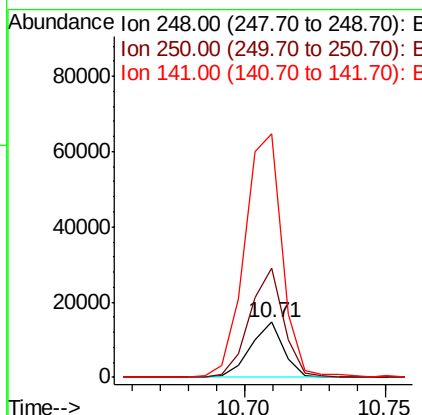
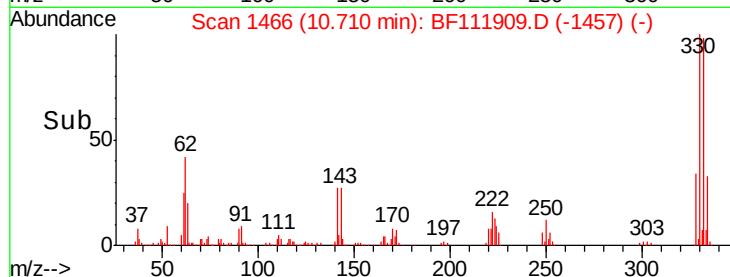
#67
 4-Bromophenyl-phenylether
 Concen: 2.930 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111909.D
 Acq: 8 Jan 2019 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11796
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.8 115.2#
 141 441.9 57.0 85.6#

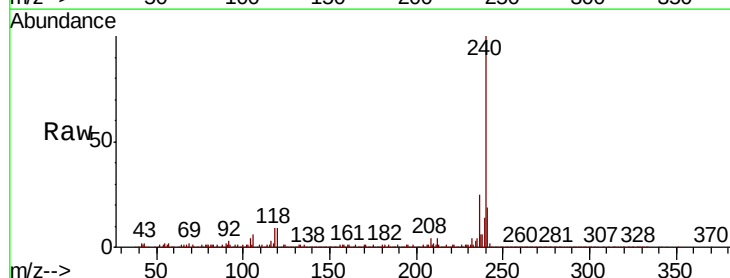


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

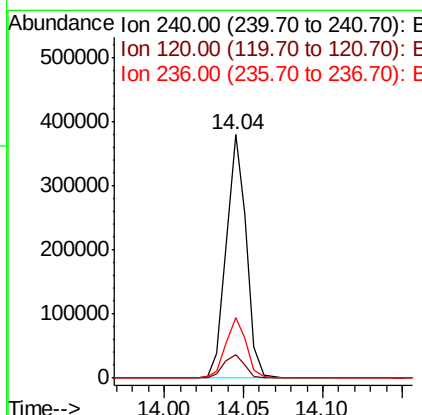
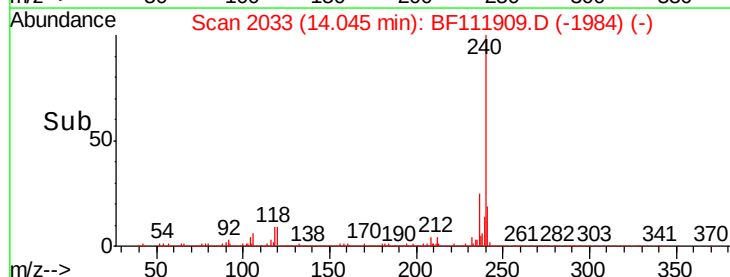


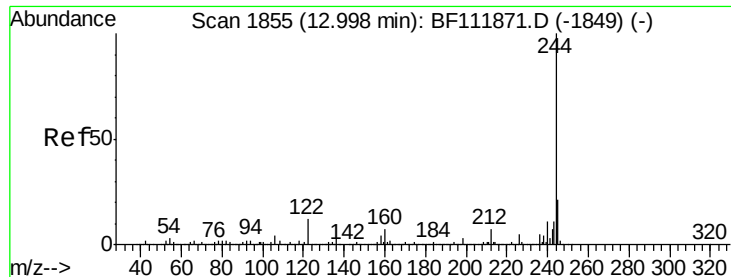
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111909.D
 Acq: 8 Jan 2019 16:14

Tgt Ion:240 Resp: 328953
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.2 12.2
 236 24.8 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





#79

Terphenyl-d14

Concen: 41.586 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

Instrument :

BNA_F

ClientSampled :

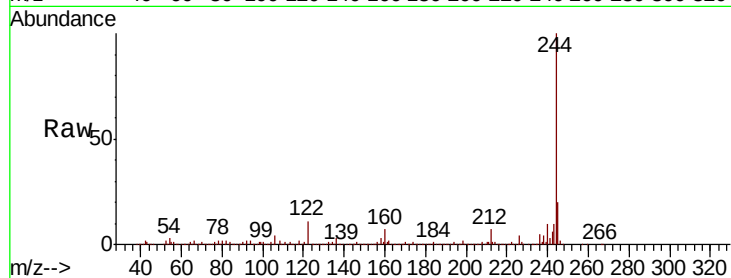
Tot Ion:244 Resp: 720674

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.9 9.5 14.3

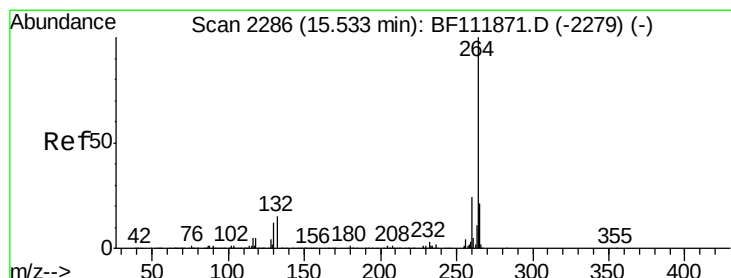
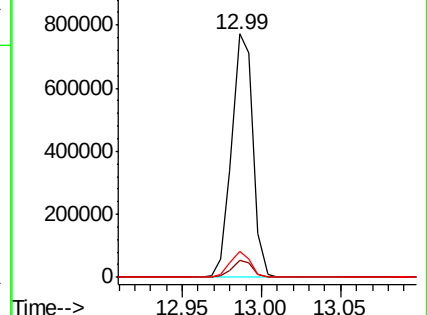
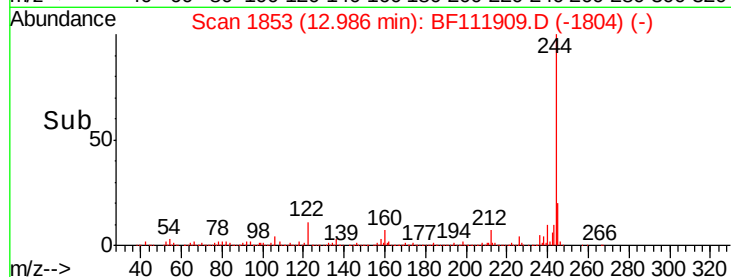


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF111909.D

Acq: 8 Jan 2019 16:14

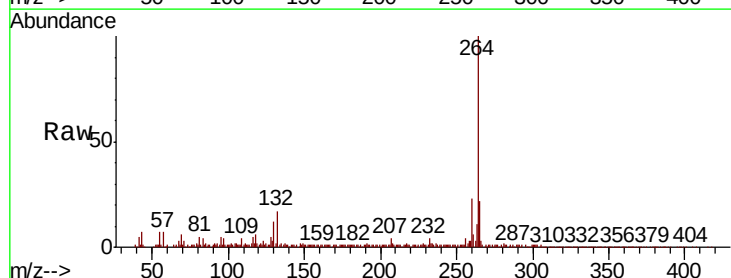
Tgt Ion:264 Resp: 229018

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 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

