

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113263.D
 Acq On : 24 Mar 2019 12:52
 Operator : JU/SJ
 Sample : PB118222BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Quant Time: Mar 25 04:18:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	192871	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	795212	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	365551	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	773610	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	440258	20.00	ng	-0.01
87) Perylene-d12	15.26	264	385398	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	969190	78.17	ng	0.00
7) Phenol-d6	6.36	99	1311670	84.22	ng	-0.01
23) Nitrobenzene-d5	7.27	82	782134	58.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	337398	86.94	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1497235	63.48	ng	-0.02
79) Terphenyl-d14	12.81	244	1444626	63.61	ng	-0.01

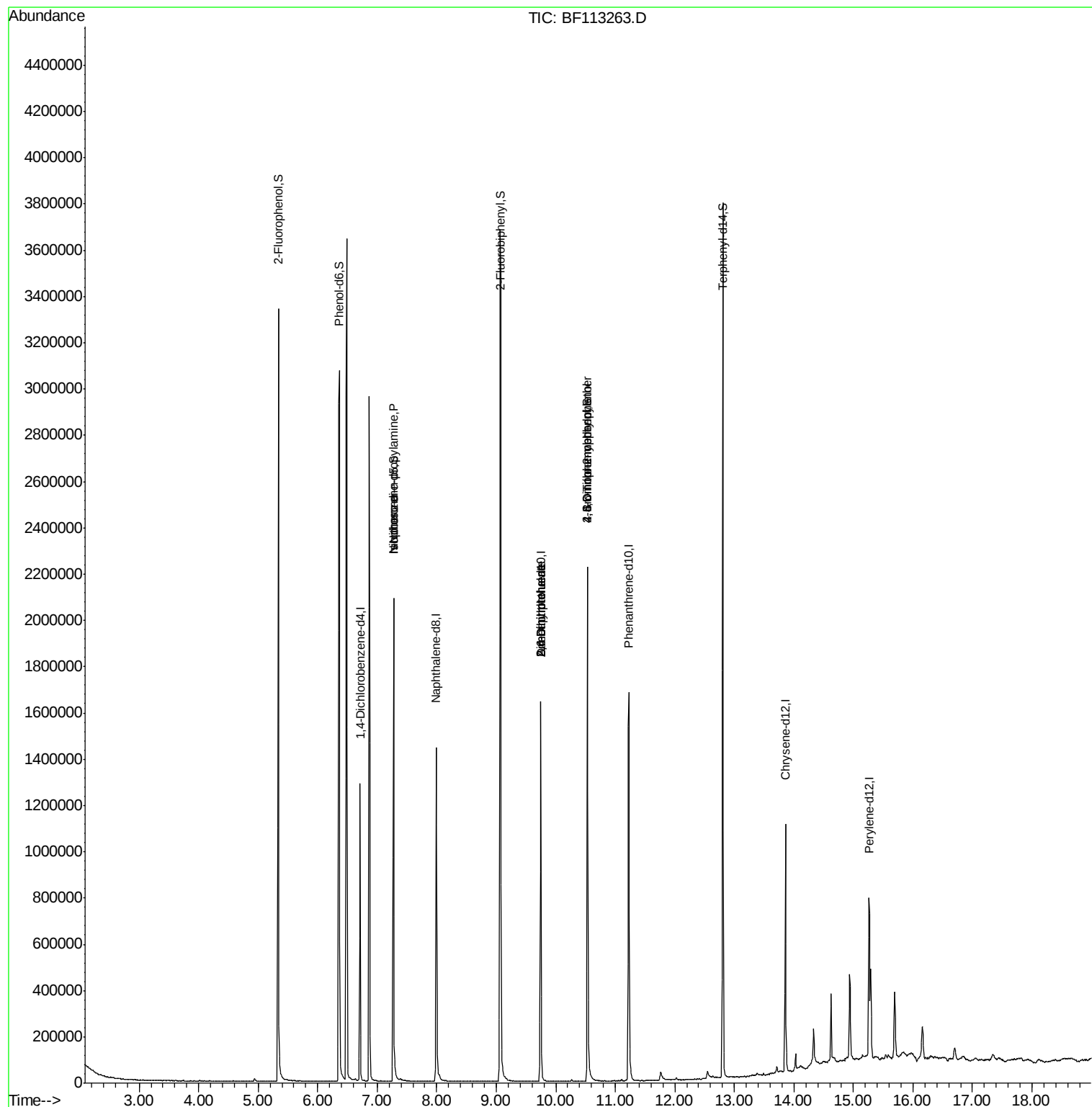
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	101393	10.279	ng	# 75
25) Isophorone	7.27	82	776852	27.134	ng	# 66
50) Dimethylphthalate	9.75	163	84678	3.142	ng	# 1
51) 2,6-Dinitrotoluene	9.75	165	45892	8.176	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	45893	6.578	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.53	198	329	4.706	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	19335	2.373	ng	# 1

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

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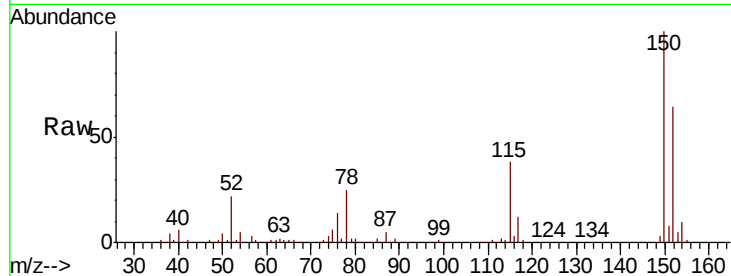


#1

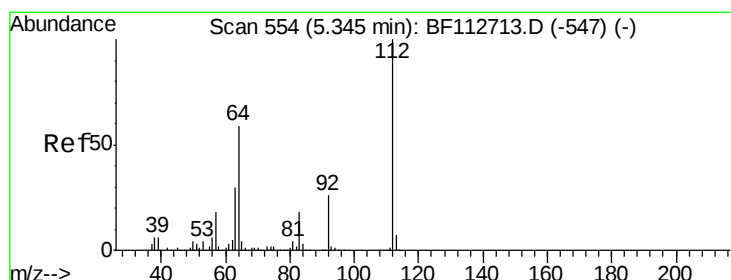
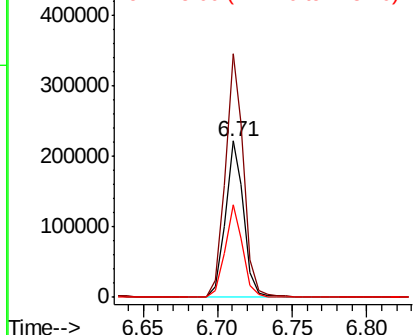
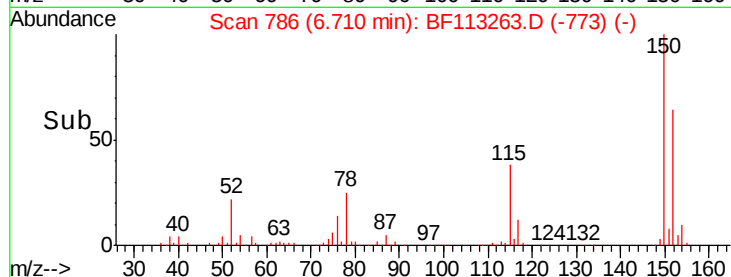
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tgt Ion:152 Resp: 192871
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.4 48.2 72.4



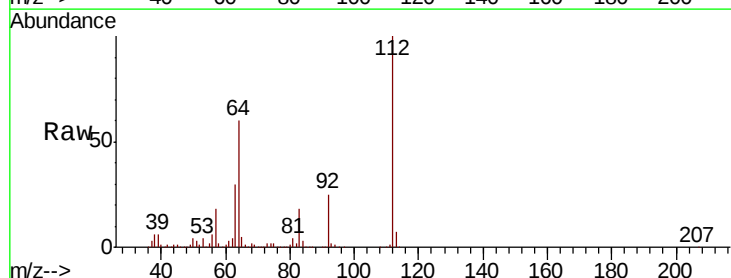
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



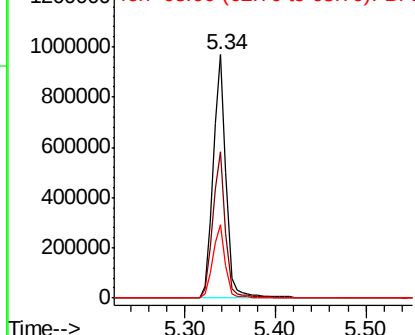
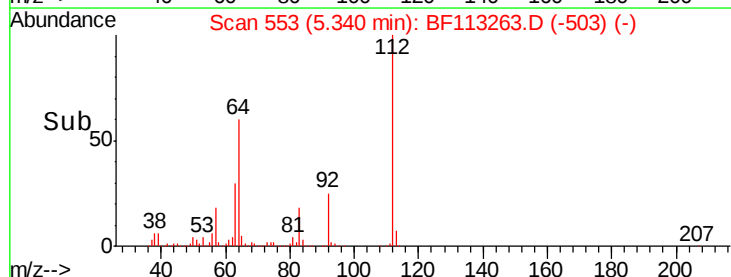
#5

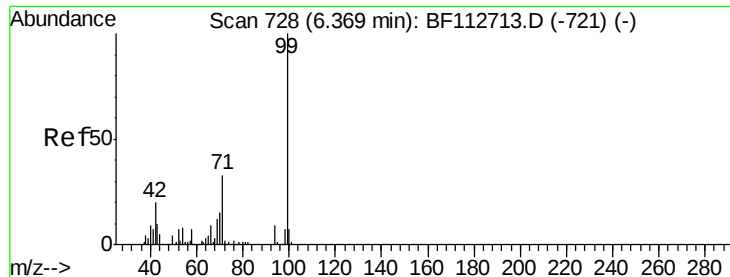
2-Fluorophenol
Concen: 78.167 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:112 Resp: 969190
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.2 24.4 36.6



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: 84.216 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

Instrument :

BNA_F

ClientSampleId :

PB118222BL

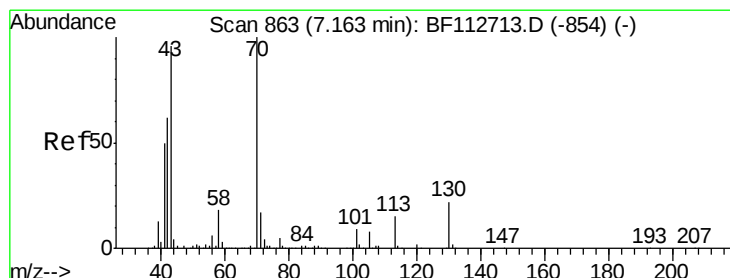
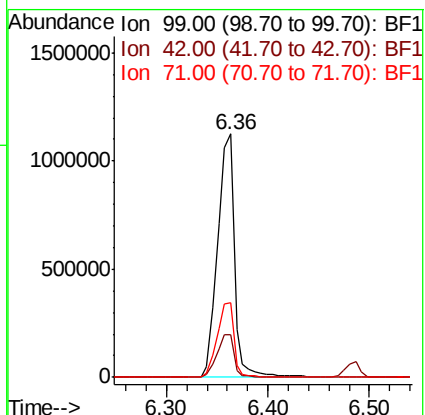
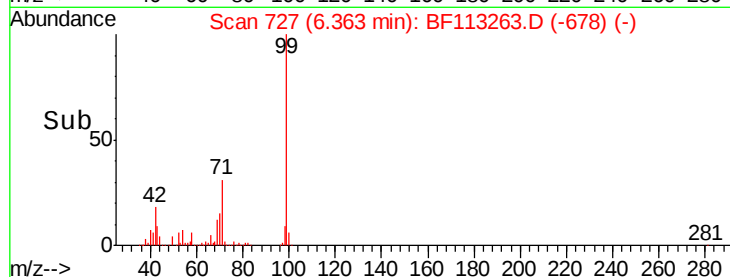
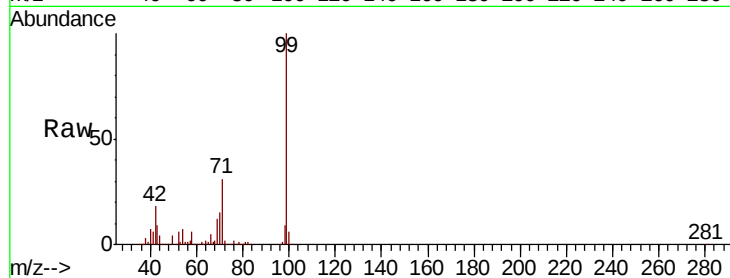
Tgt Ion: 99 Resp: 1311670

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

71 30.9 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.279 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

Tgt Ion: 70 Resp: 101393

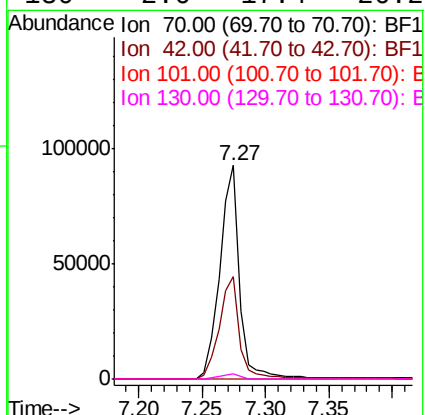
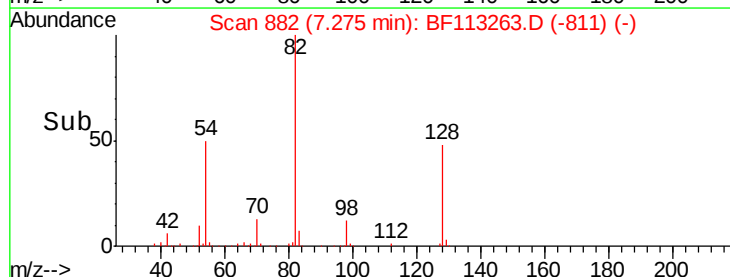
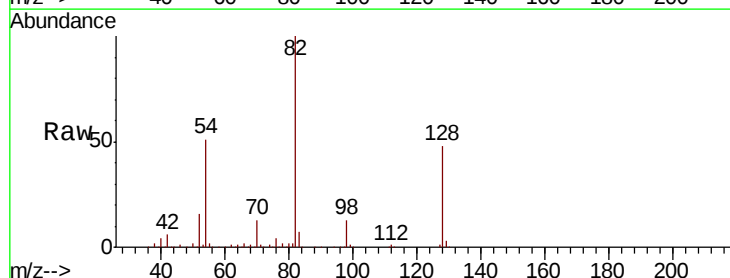
Ion Ratio Lower Upper

70 100

42 47.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.6 17.4 26.2#

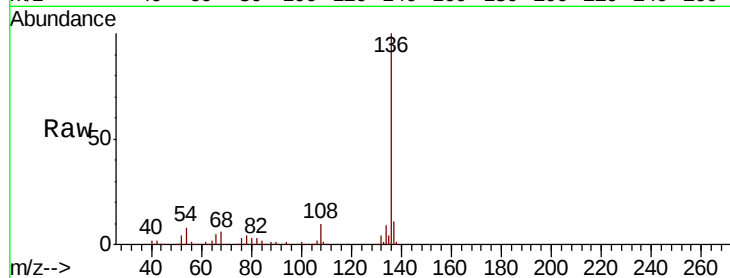




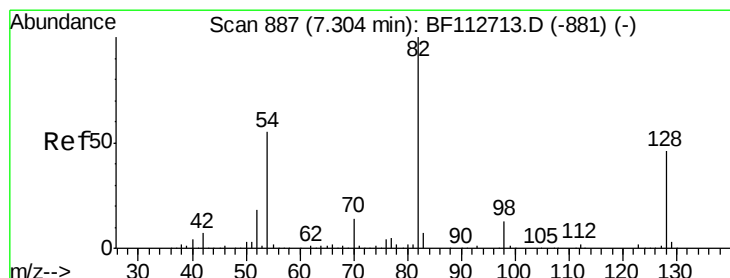
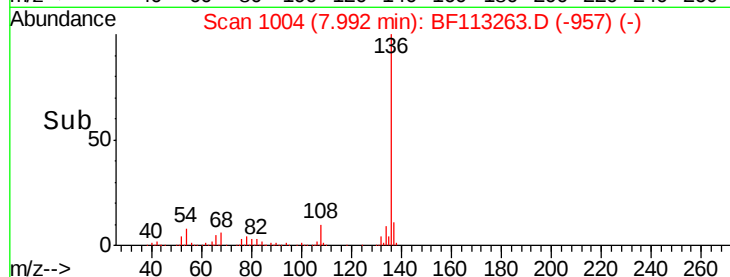
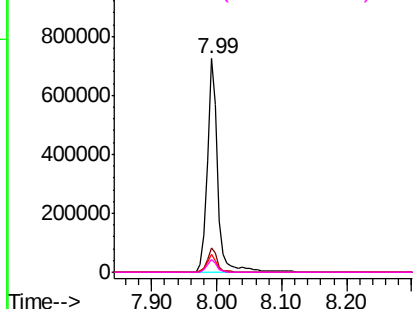
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tgt Ion:	136	Resp:	795212
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.3	10.9
68	6.2	5.4	8.2

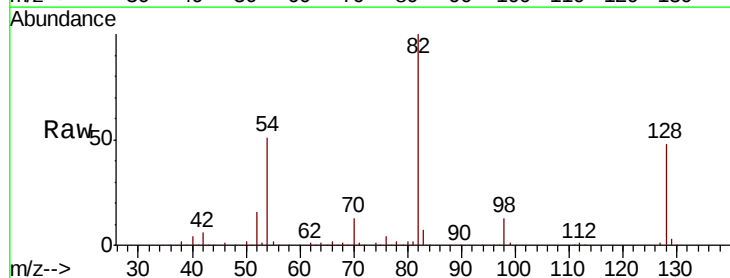


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

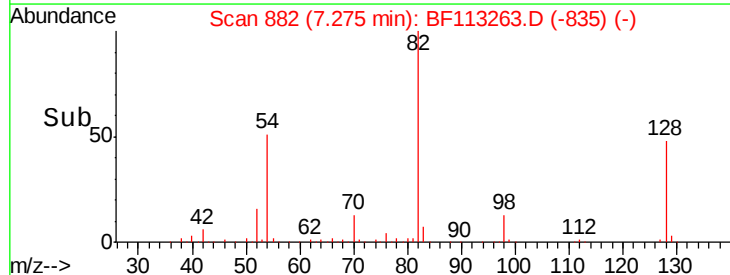
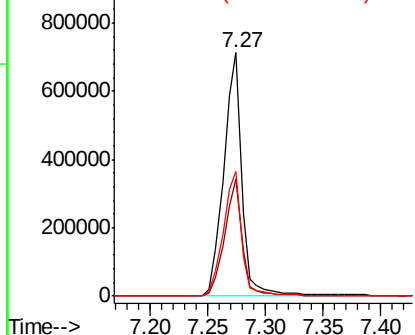


#23
Nitrobenzene-d5
Concen: 58.854 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:	82	Resp:	782134
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	51.4	43.7	65.5



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

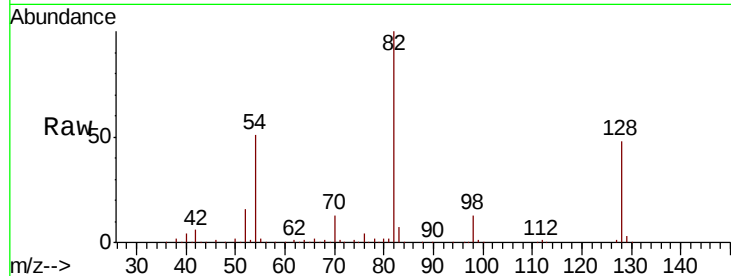




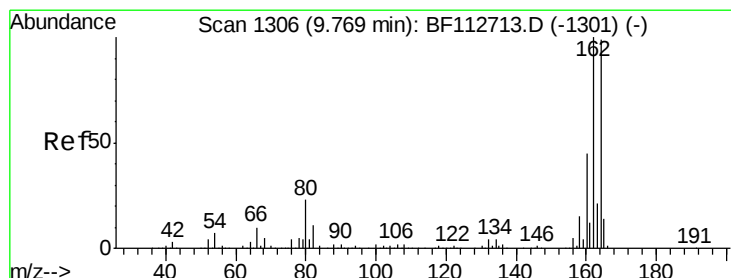
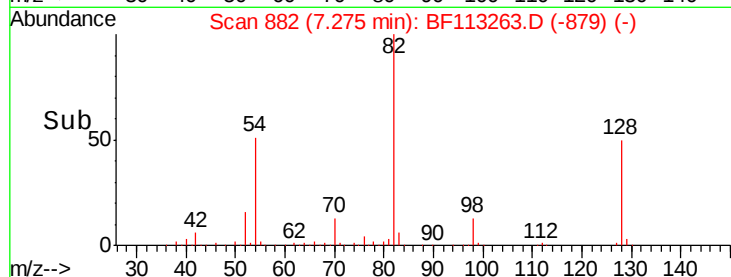
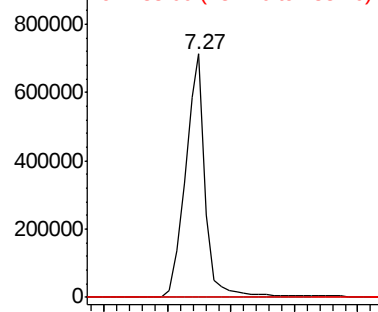
#25
Isophorone
Concen: 27.134 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tgt Ion: 82 Resp: 776852
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

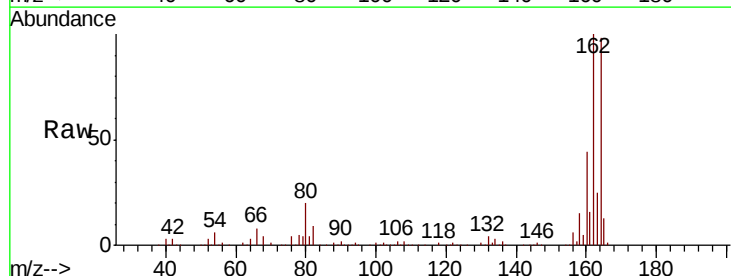


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

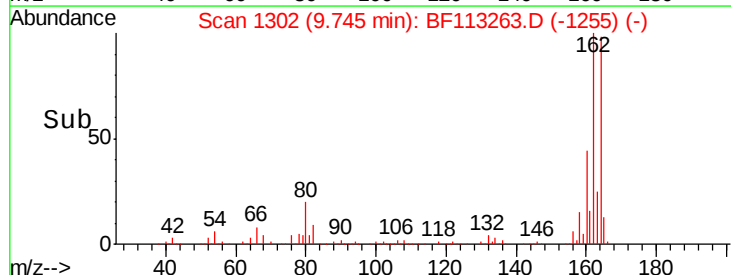
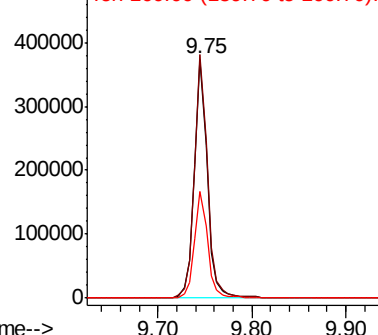


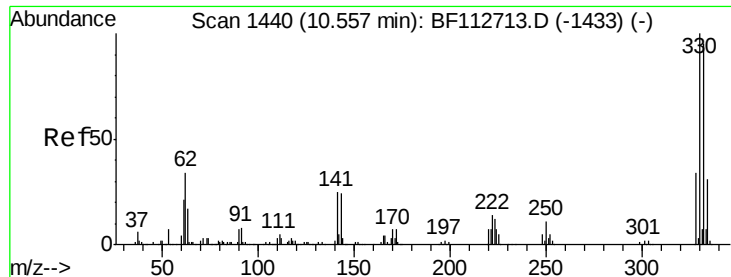
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion: 164 Resp: 365551
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.6 36.0 54.0



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: 86.941 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

Instrument :

BNA_F

ClientSampleId :

PB118222BL

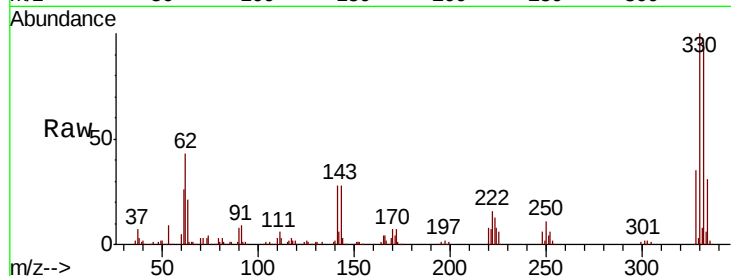
Tgt Ion:330 Resp: 337398

Ion Ratio Lower Upper

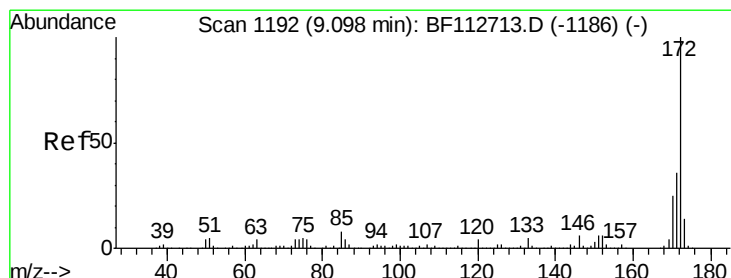
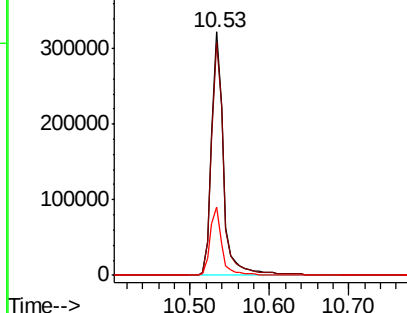
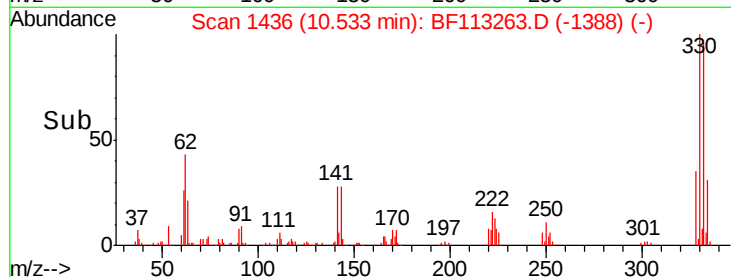
330 100

332 97.0 76.2 114.4

141 27.9 27.0 40.6



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: 63.479 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

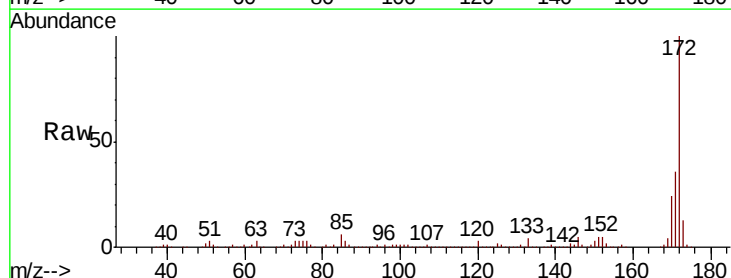
Tgt Ion:172 Resp: 1497235

Ion Ratio Lower Upper

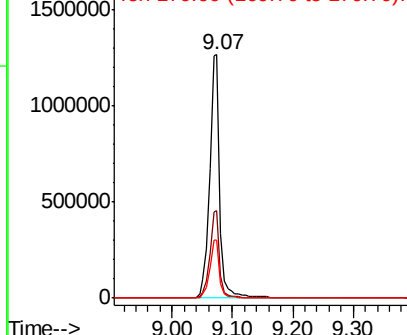
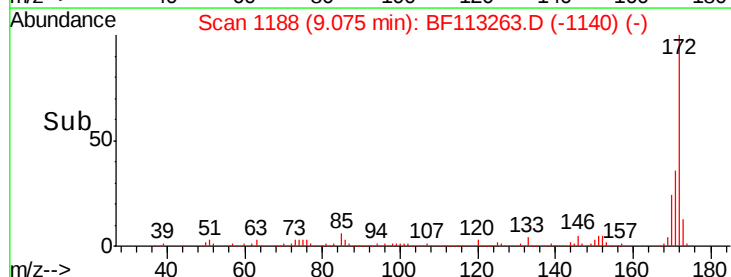
172 100

171 35.7 29.0 43.4

170 24.0 20.0 30.0



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

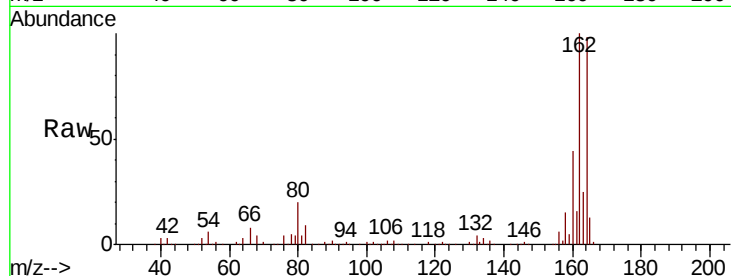




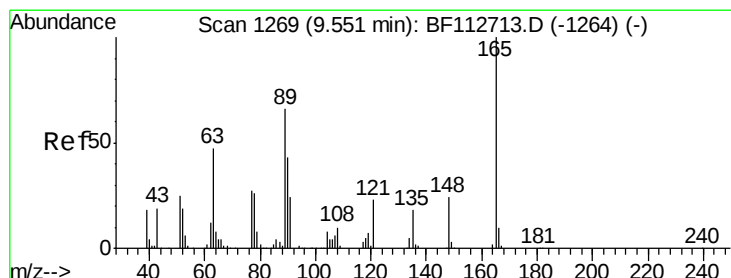
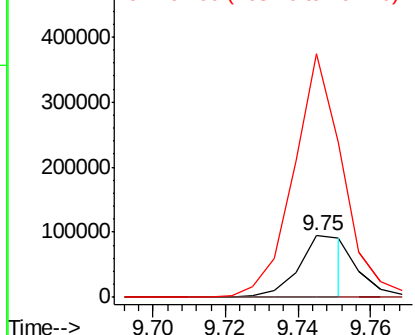
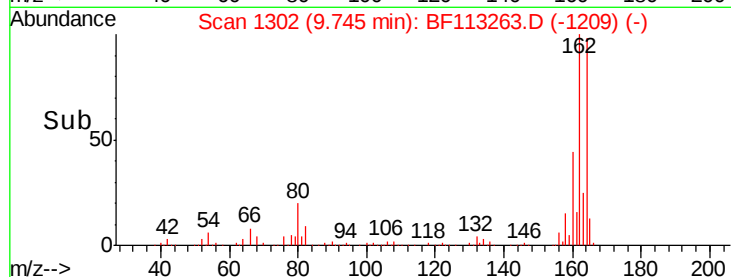
#50
Dimethylphthalate
Concen: 3.142 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.25 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tgt Ion:163 Resp: 84678
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 397.4 8.4 12.6#

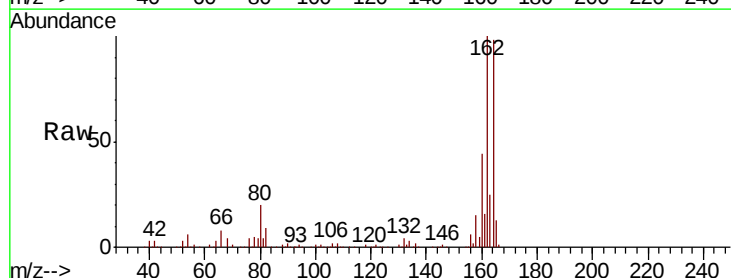


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

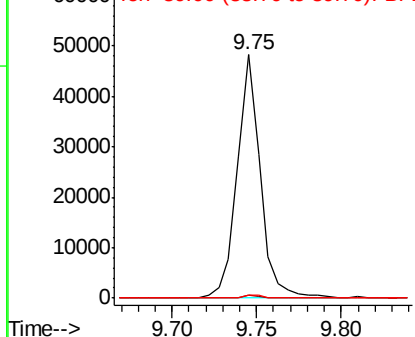
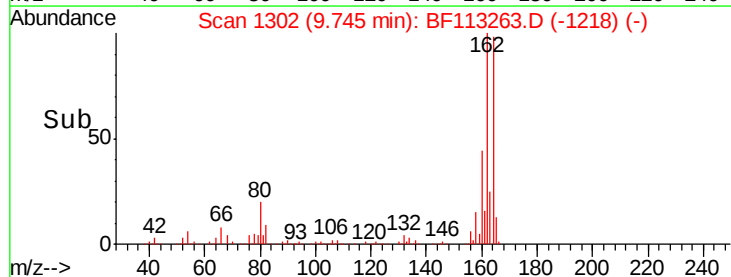


#51
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:165 Resp: 45892
Ion Ratio Lower Upper
165 100
63 1.1 54.1 81.1#
89 1.2 52.8 79.2#



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

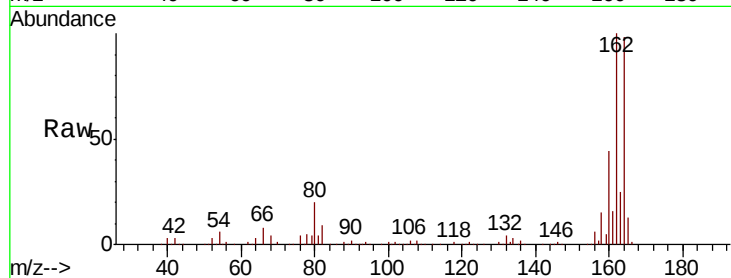




#57
 2,4-Dinitrotoluene
 Concen: 6.578 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

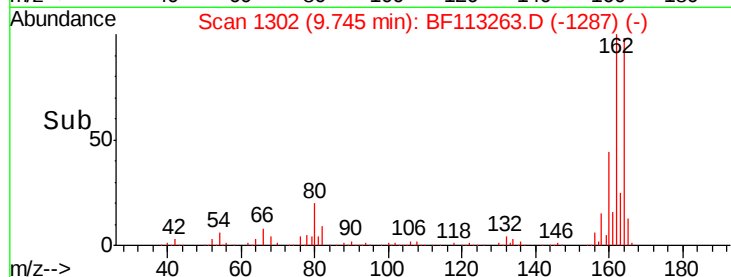
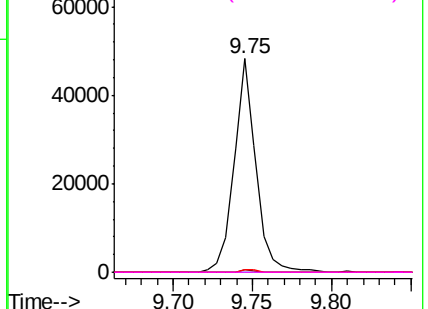


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

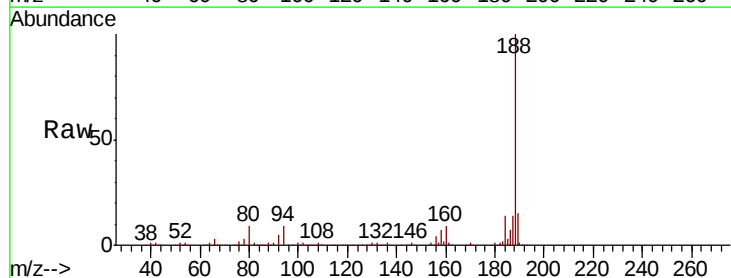
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

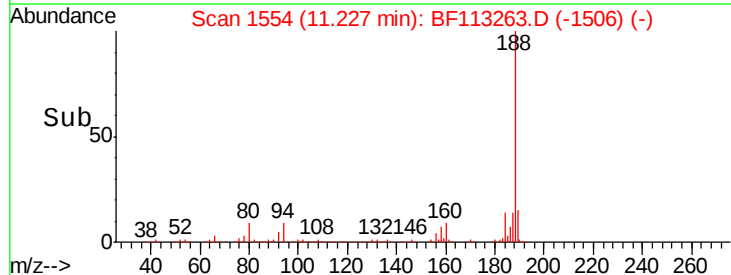
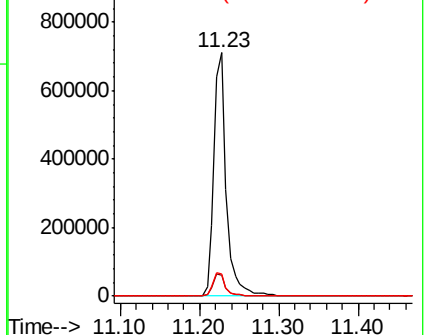
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.1	9.2	13.8#

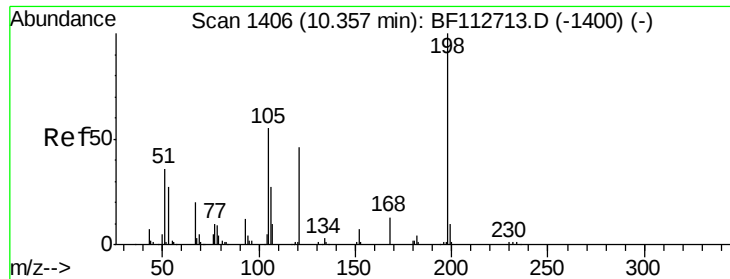


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

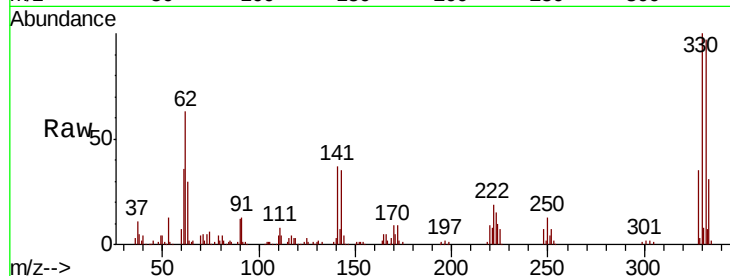




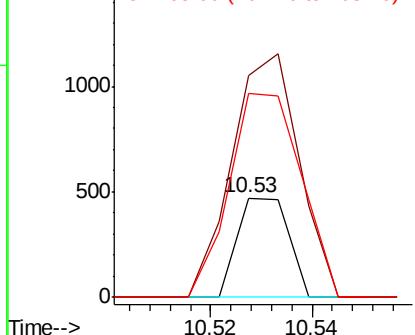
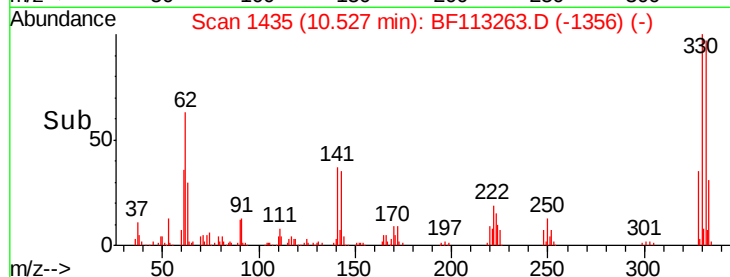
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.706 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.16 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Tgt Ion:198 Resp: 329
 Ion Ratio Lower Upper
 198 100
 51 223.4 43.8 83.8#
 105 205.5 36.5 76.5#

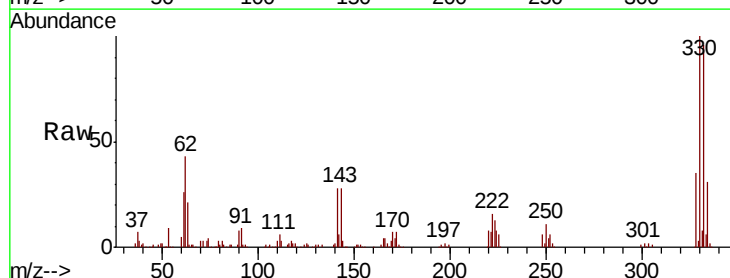


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

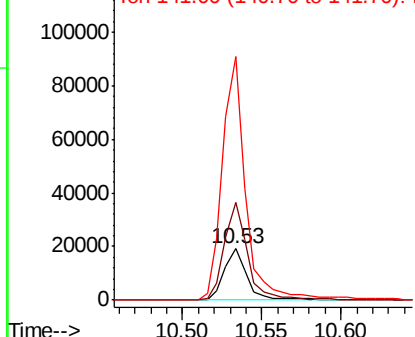
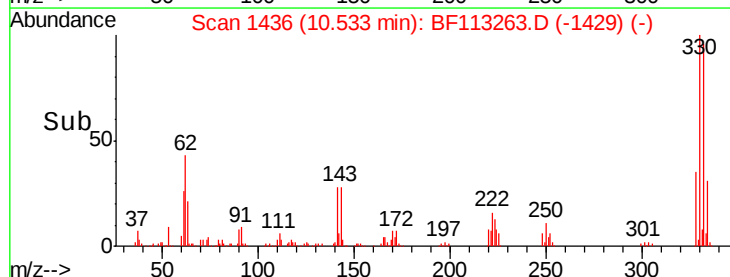


#67
 4-Bromophenyl-phenylether
 Concen: 2.373 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.26 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Tgt Ion:248 Resp: 19335
 Ion Ratio Lower Upper
 248 100
 250 190.7 77.5 116.3#
 141 474.5 62.4 93.6#



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

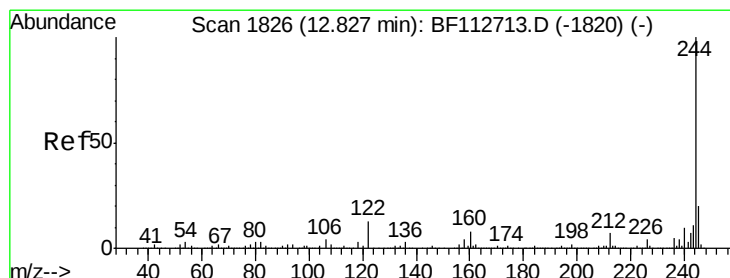
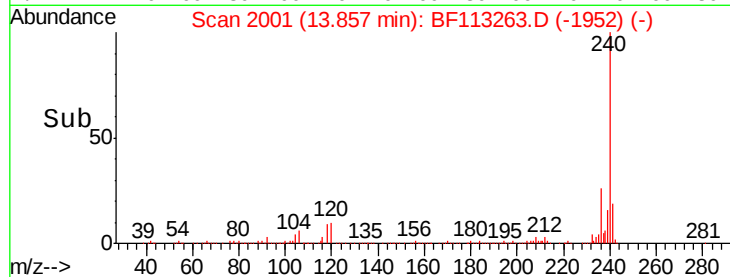
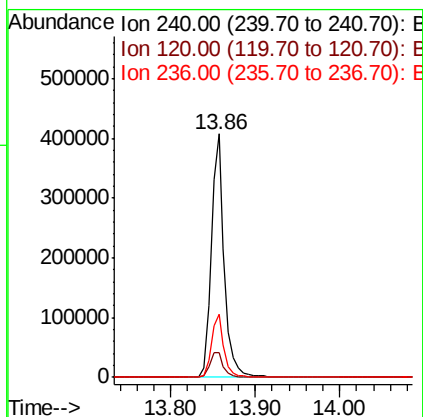
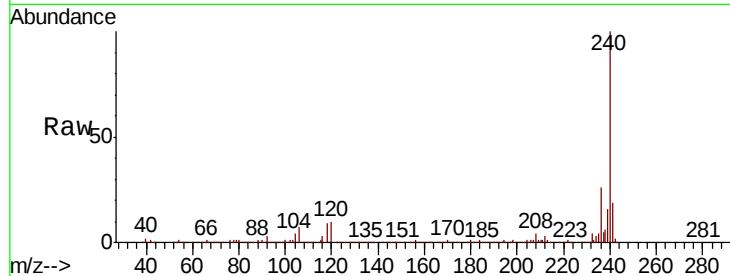




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

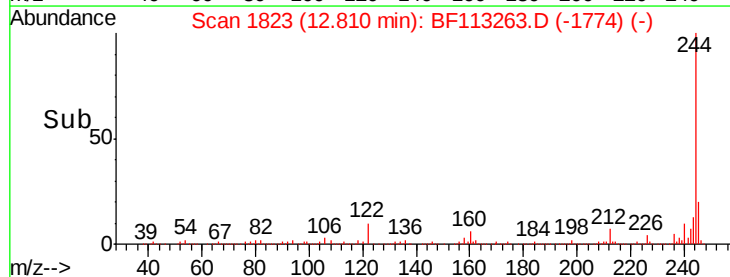
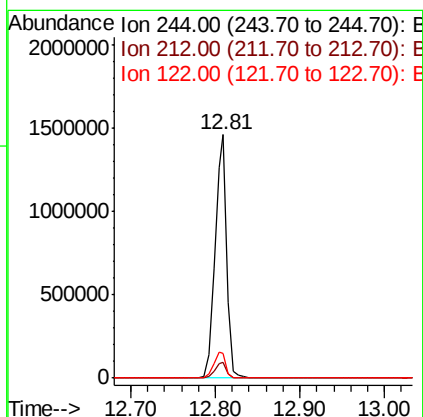
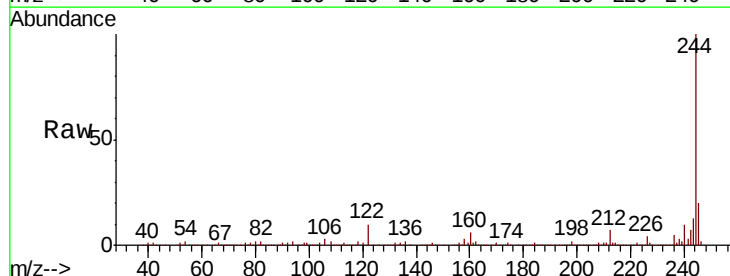
Instrument :
BNA_F
ClientSampleId :
PB118222BL

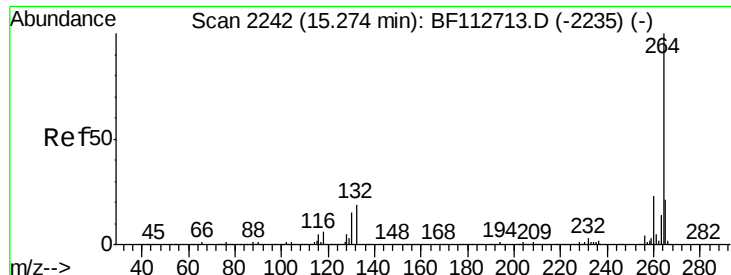
Tgt Ion:240 Resp: 440258
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 63.608 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:244 Resp: 1444626
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.0 10.5 15.7#

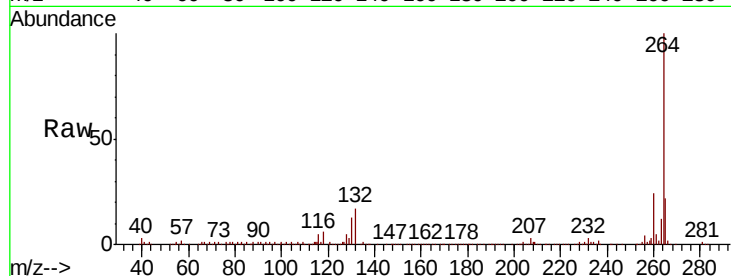




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.2	25.8



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

