

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112384.D
 Acq On : 4 Feb 2019 17:06
 Operator : JU/SJ
 Sample : K1360-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Quant Time: Feb 04 23:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

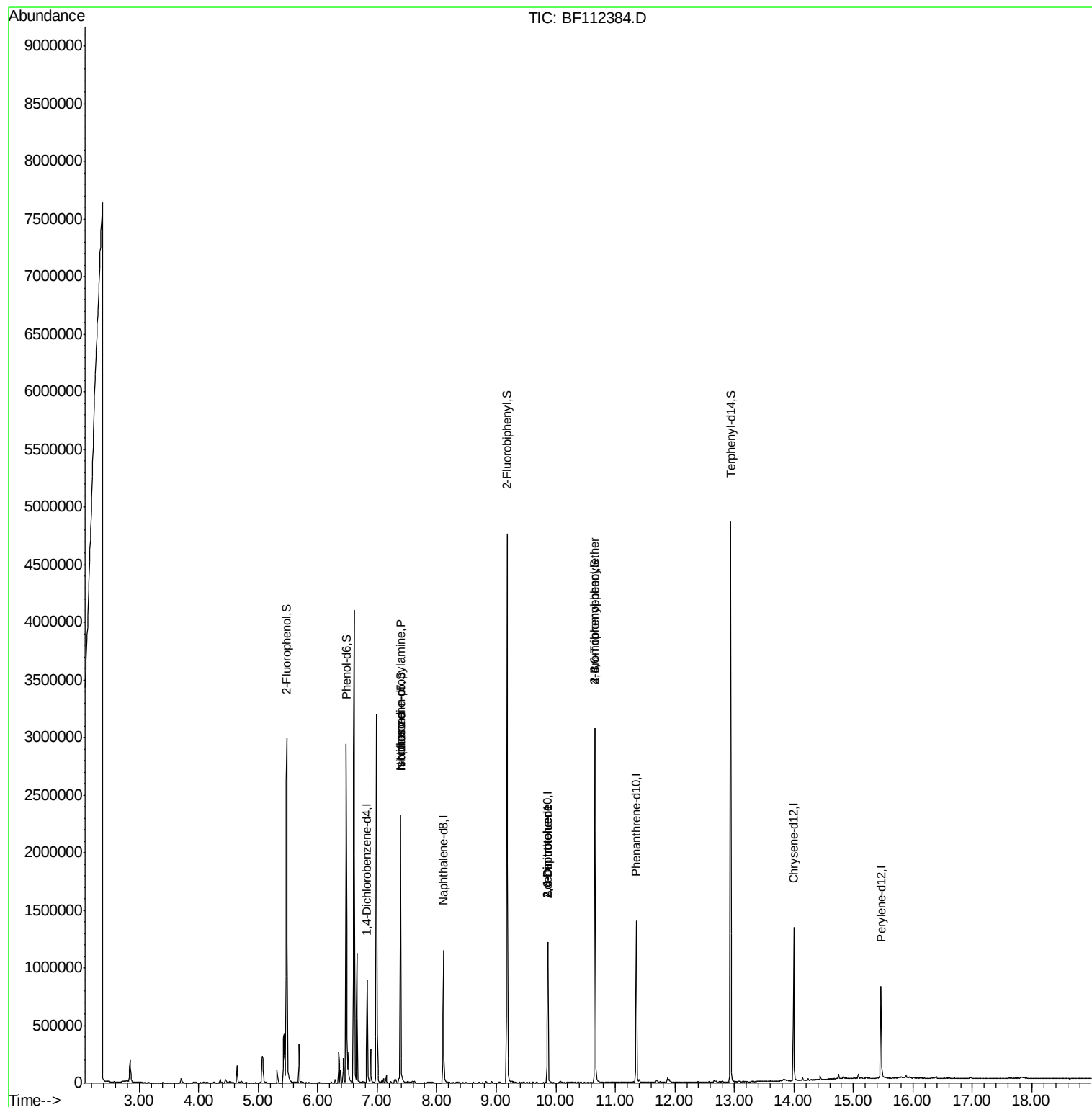
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	146881	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	565457	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	276084	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	540960	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	477693	20.00	ng	-0.01
87) Perylene-d12	15.46	264	364293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	904507	130.80	ng	0.00
7) Phenol-d6	6.48	99	1025329	106.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	776022	79.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	401436	124.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1550958	79.45	ng	-0.02
79) Terphenyl-d14	12.94	244	1729037	68.17	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	102746	15.507	ng	# 77
25) Isophorone	7.39	82	776014	50.405	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	35258	7.339	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	35258	5.765	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	23944	3.763	ng	# 1

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

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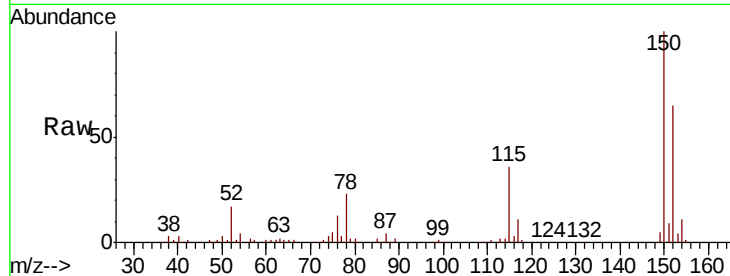


#1

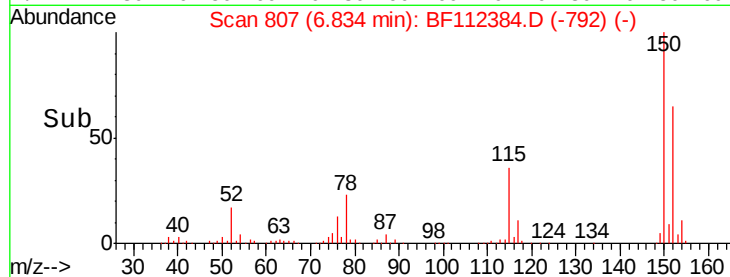
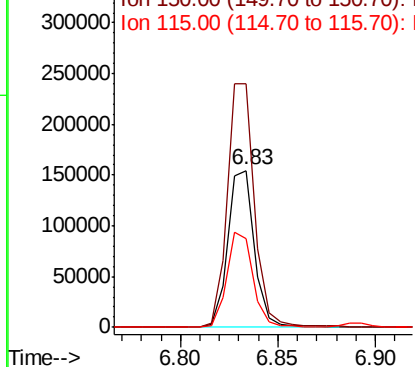
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:152 Resp: 146881
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 56.4 45.5 68.3



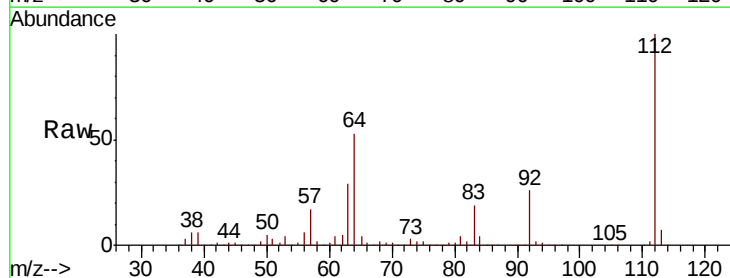
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



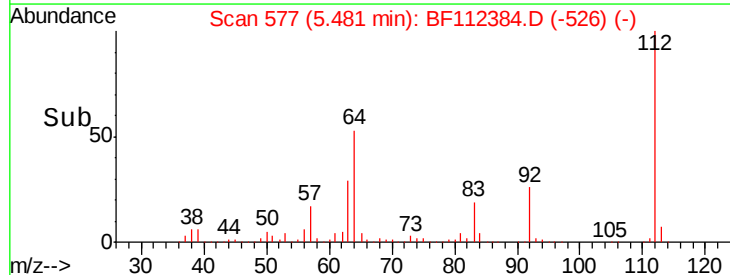
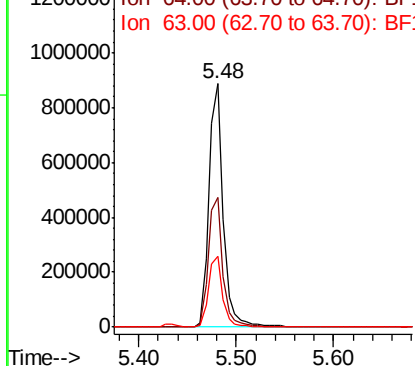
#5

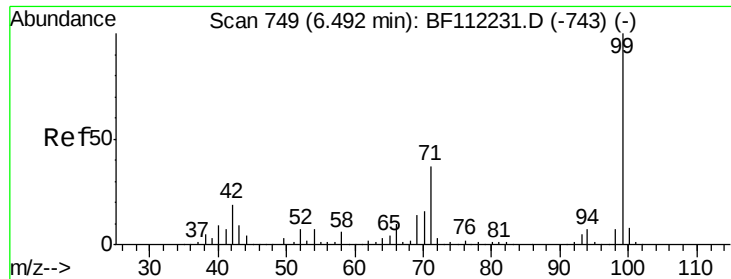
2-Fluorophenol
Concen: 130.802 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Tgt Ion:112 Resp: 904507
Ion Ratio Lower Upper
112 100
64 53.2 45.7 68.5
63 29.2 23.6 35.4



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: 106.707 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112384.D

Acq: 4 Feb 2019 17:06

Instrument :

BNA_F

ClientSampleId :

RBR-200034

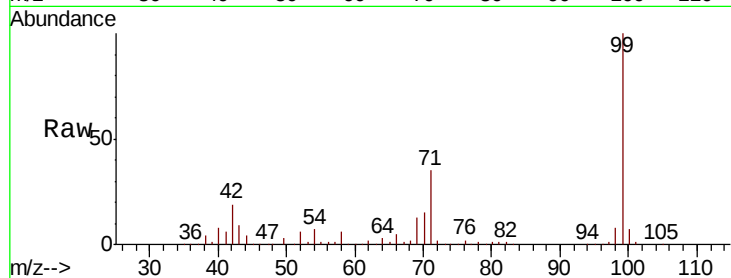
Tgt Ion: 99 Resp: 1025329

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

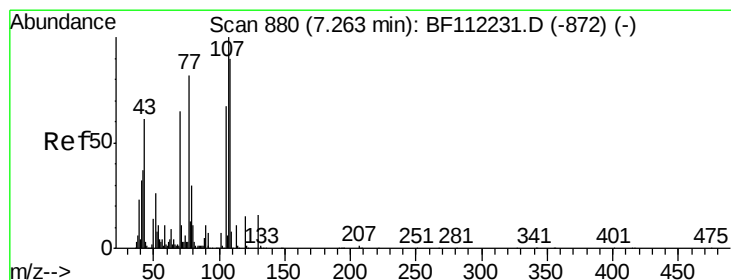
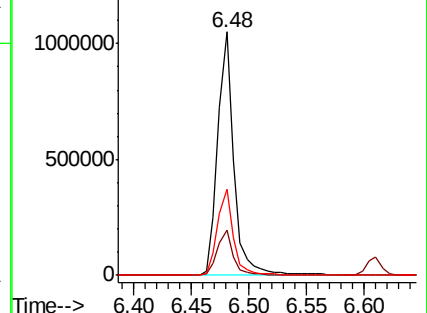
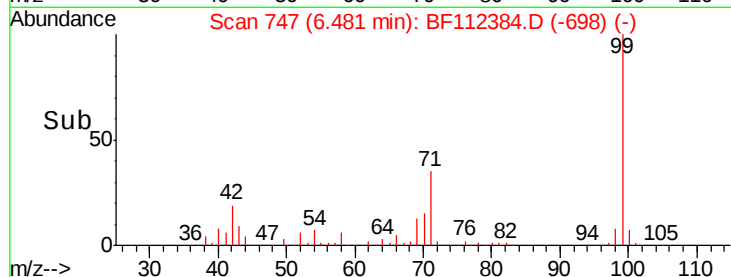
71 35.3 26.9 40.3



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: 15.507 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112384.D

Acq: 4 Feb 2019 17:06

Tgt Ion: 70 Resp: 102746

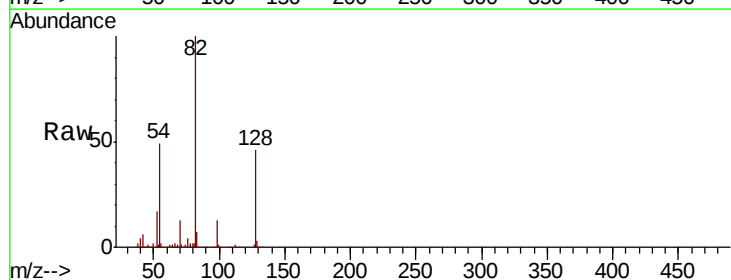
Ion Ratio Lower Upper

70 100

42 48.7 47.6 71.4

101 0.0 7.9 11.9#

130 2.5 18.4 27.6#

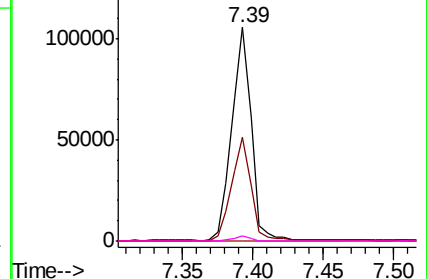
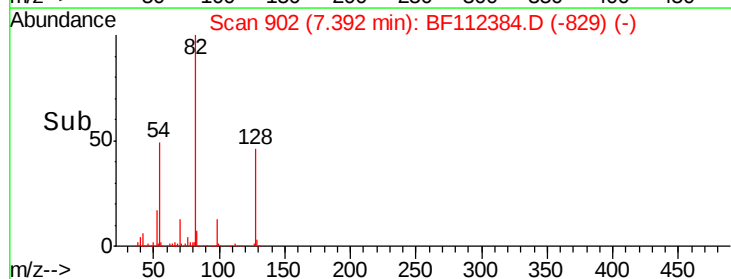


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

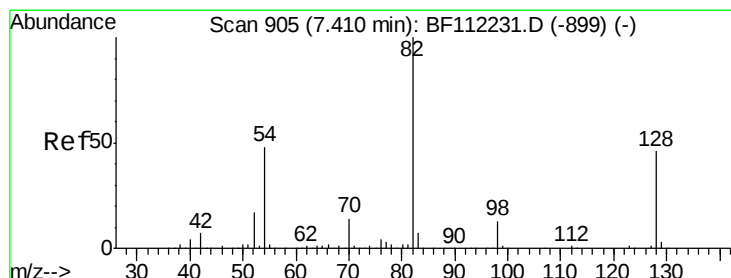
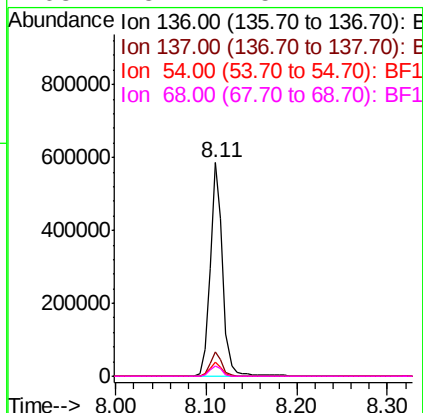
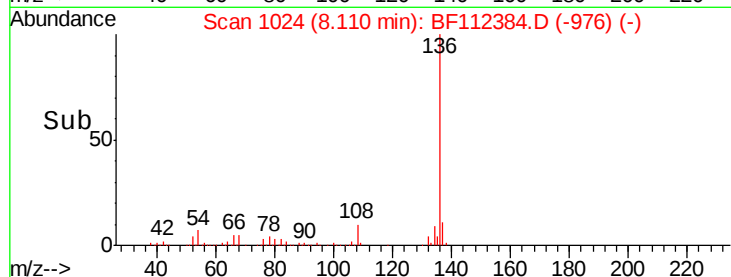
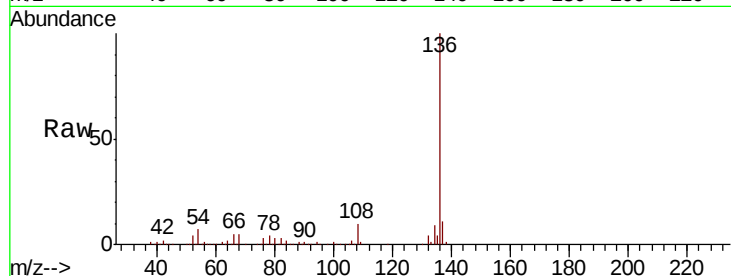




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

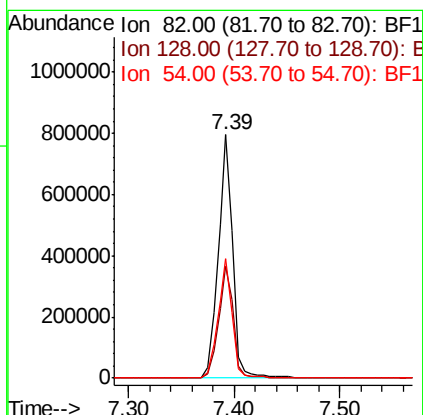
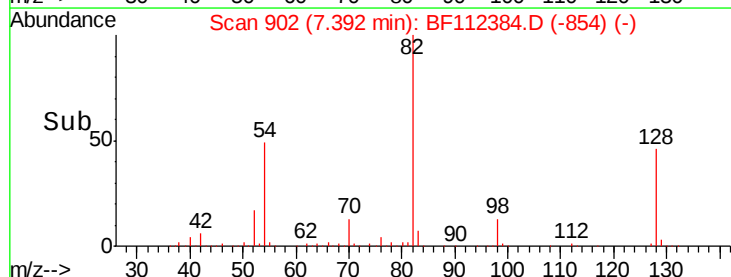
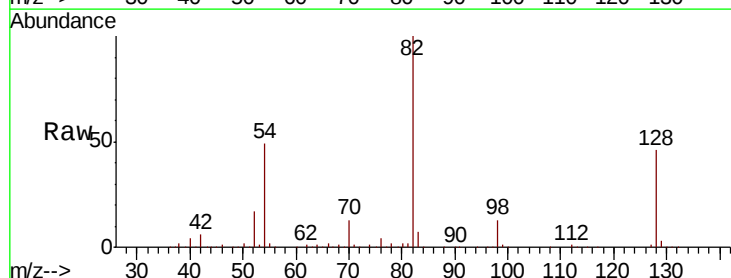
Instrument :
BNA_F
ClientSampleId :
RBR-200034

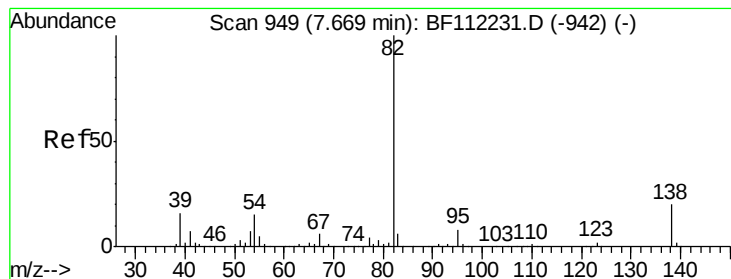
Tgt Ion:	136	Resp:	565457
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.9	5.9	8.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 79.076 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Tgt Ion:	82	Resp:	776022
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.8	56.8
54	49.2	39.7	59.5





#25

Isophorone

Concen: 50.405 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112384.D

Acq: 4 Feb 2019 17:06

Instrument :

BNA_F

ClientSampleId :

RBR-200034

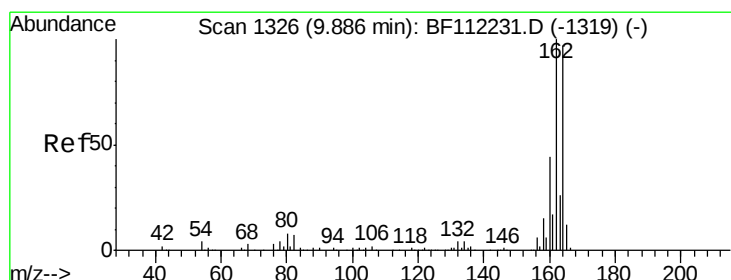
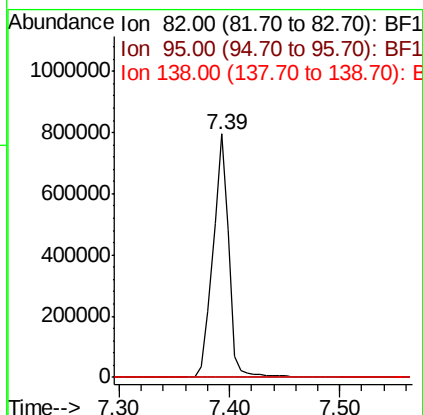
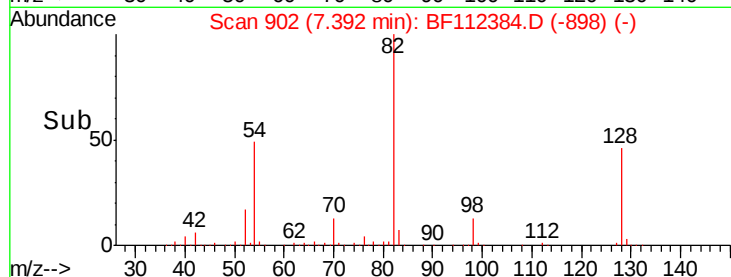
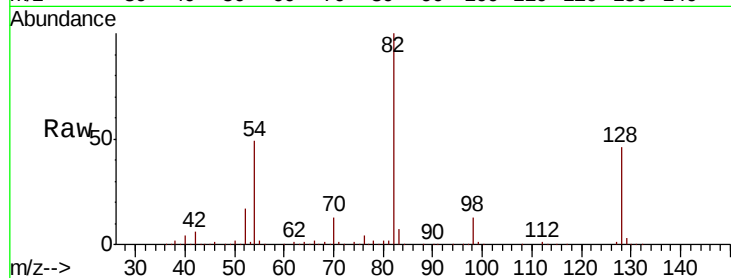
Tgt Ion: 82 Resp: 776014

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF112384.D

Acq: 4 Feb 2019 17:06

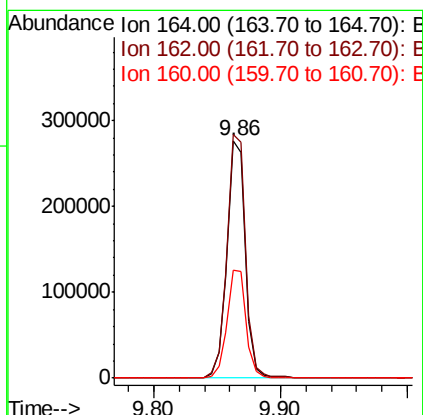
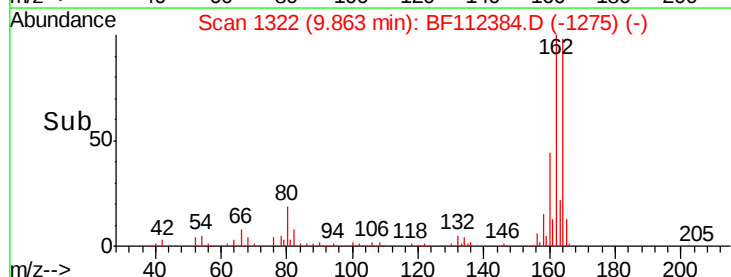
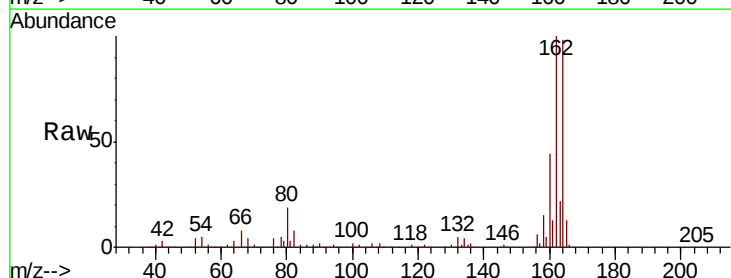
Tgt Ion: 164 Resp: 276084

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.4

160 45.6 36.2 54.4

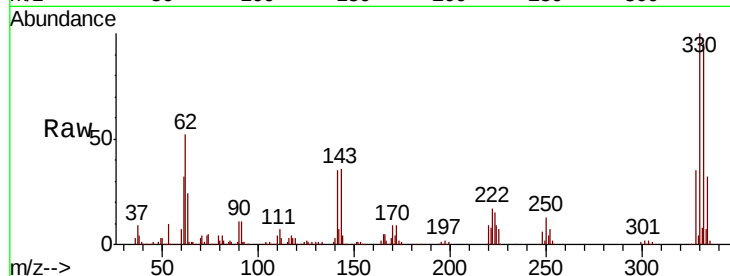




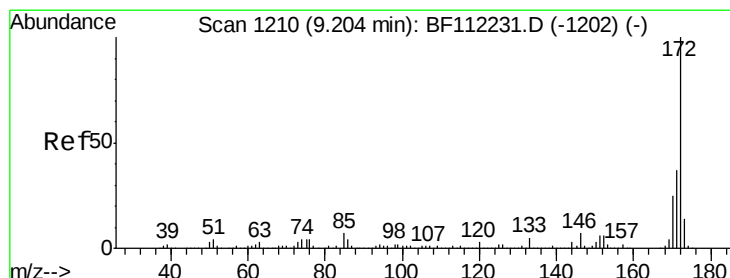
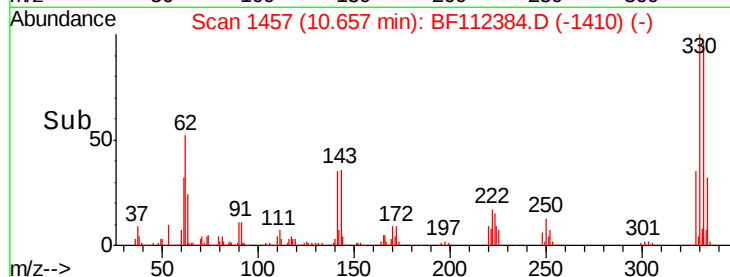
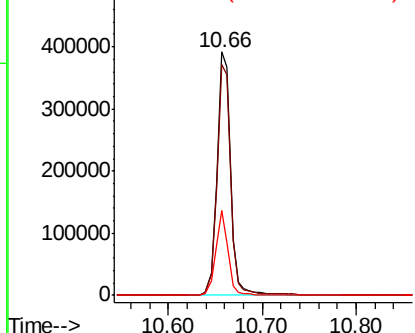
#42
 2,4,6-Tribromophenol
 Concen: 124.920 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112384.D
 Acq: 4 Feb 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.7	24.3	36.5

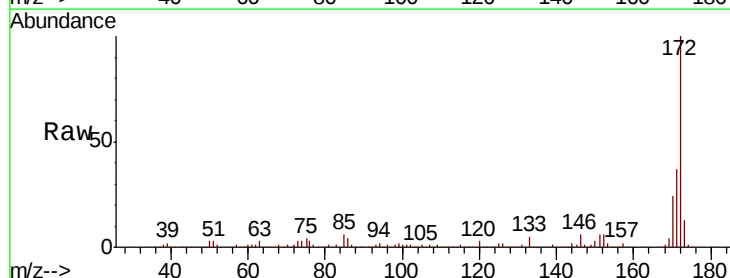


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

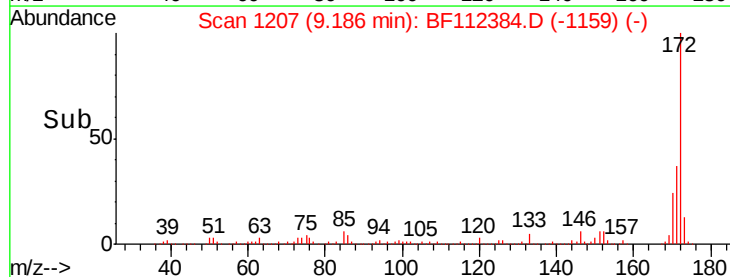
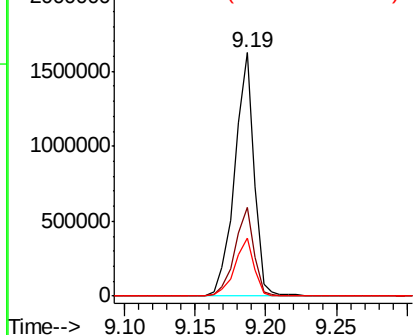


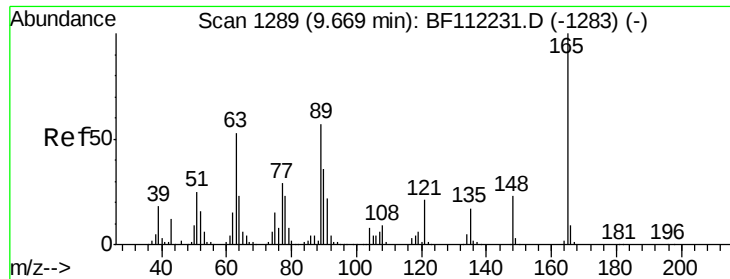
#45
 2-Fluorobiphenyl
 Concen: 79.453 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112384.D
 Acq: 4 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.2	30.4



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

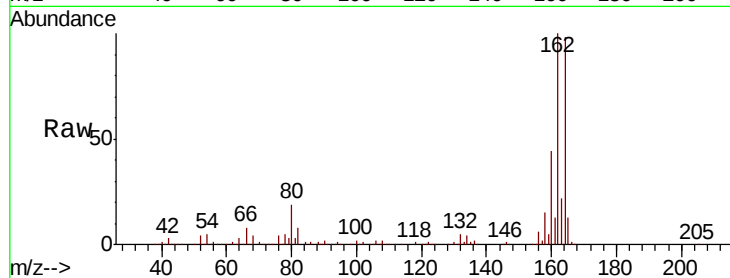




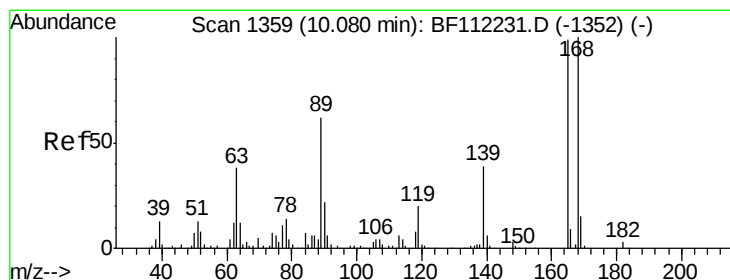
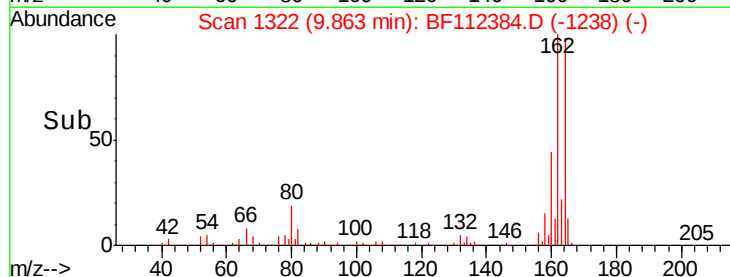
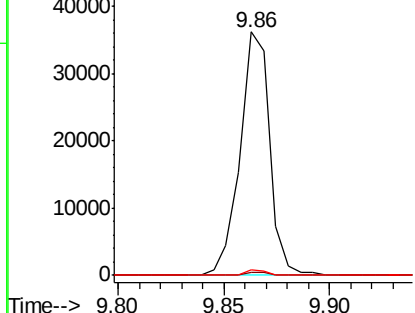
#51
 2,6-Dinitrotoluene
 Concen: 7.339 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.19 min
 Lab File: BF112384.D
 Acq: 4 Feb 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	2.1	36.9	55.3#



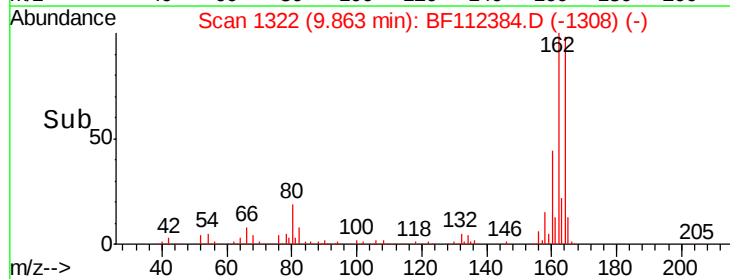
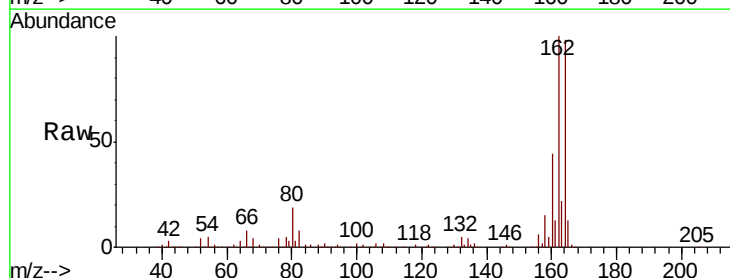
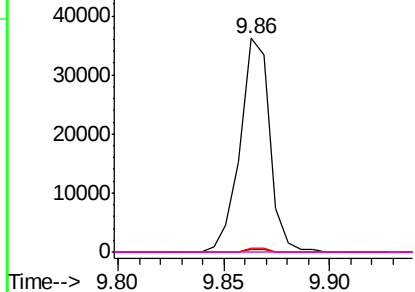
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.765 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF112384.D
 Acq: 4 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#

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

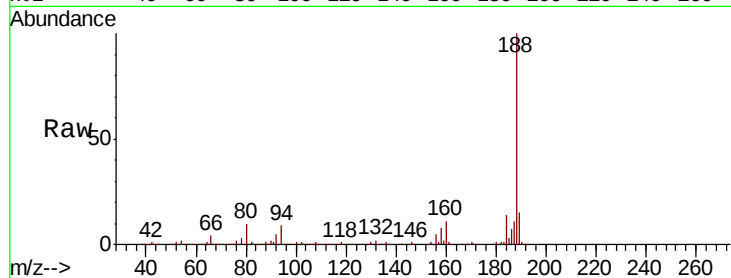




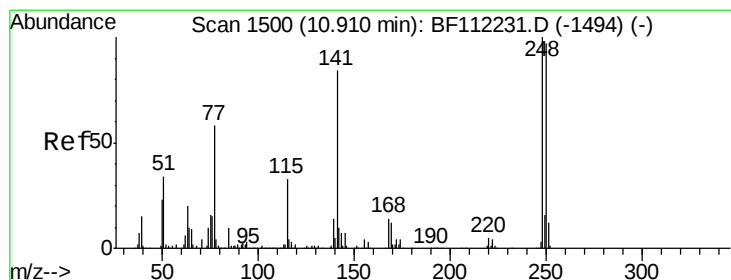
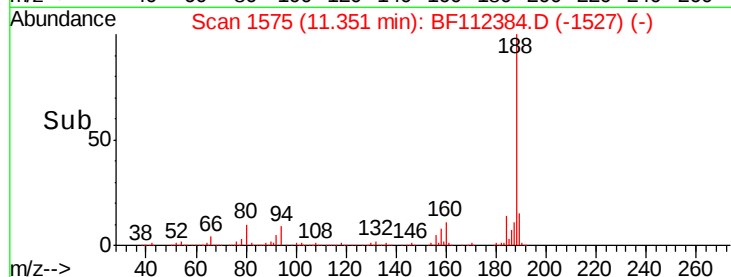
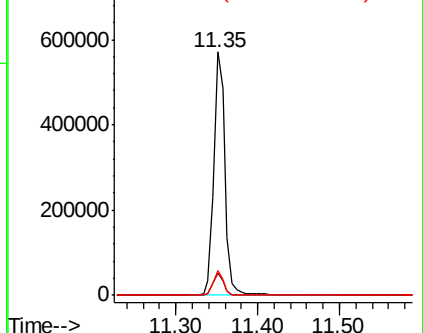
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:188 Resp: 540960
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.1 8.9 13.3

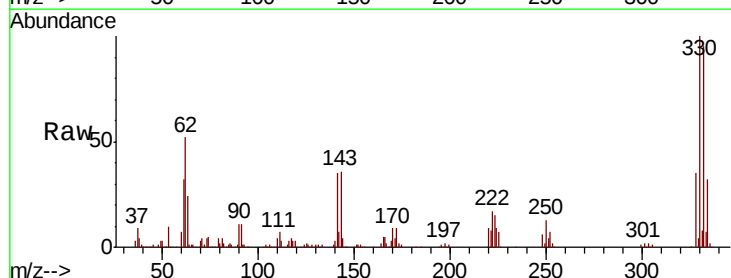


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

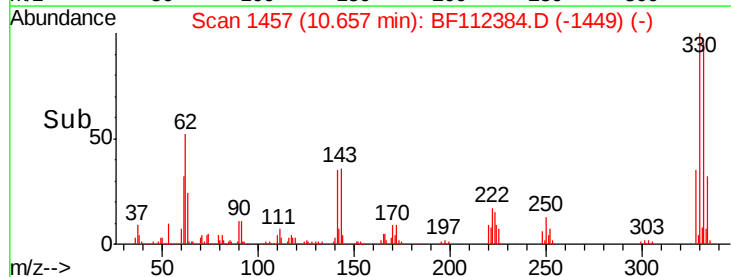
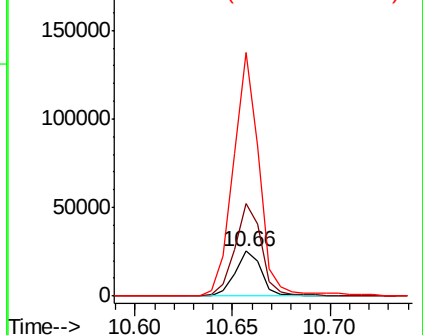


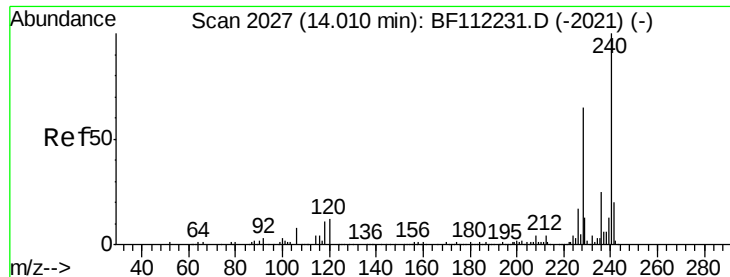
#67
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Tgt Ion:248 Resp: 23944
Ion Ratio Lower Upper
248 100
250 204.3 79.7 119.5#
141 540.1 60.3 90.5#



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

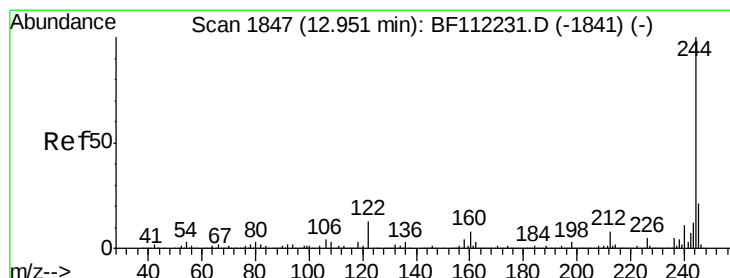
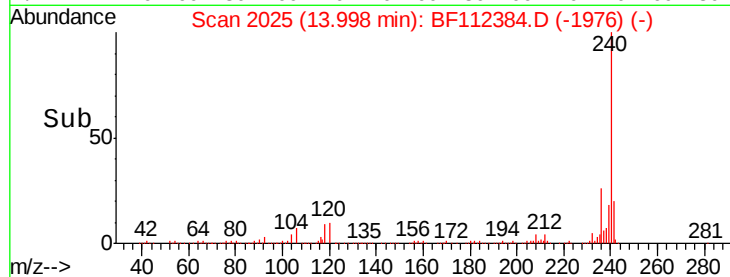
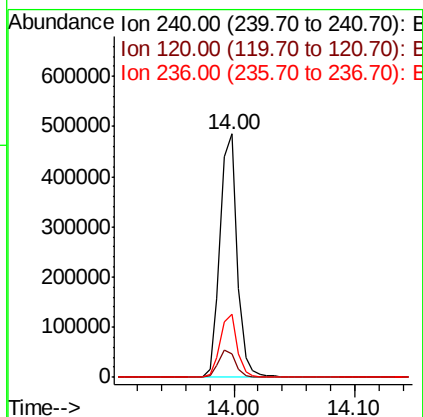
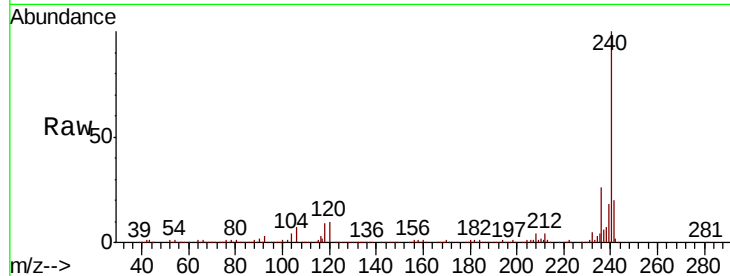




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

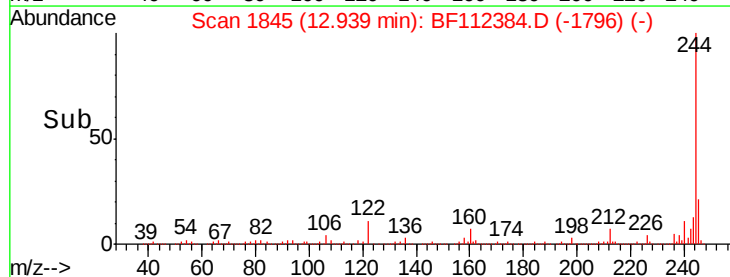
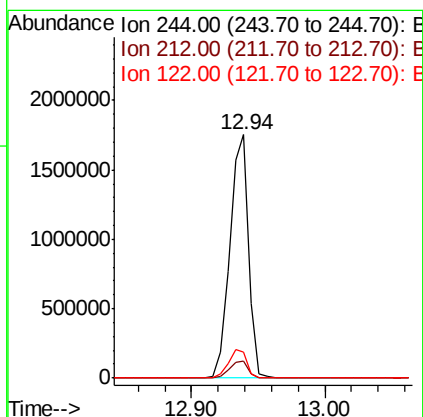
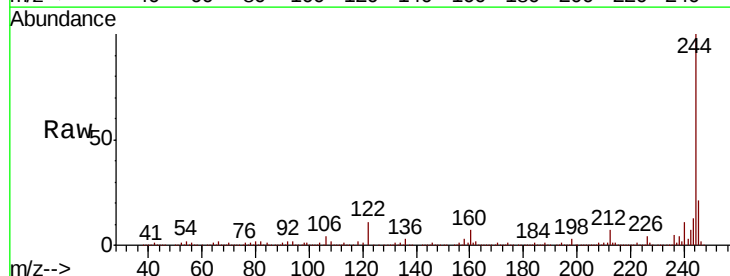
Instrument :
BNA_F
ClientSampleId :
RBR-200034

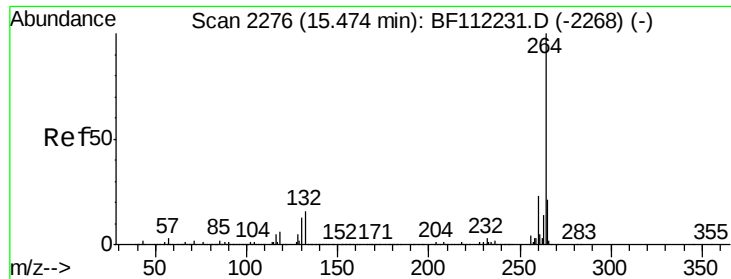
Tgt Ion:240 Resp: 477693
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 68.172 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Tgt Ion:244 Resp: 1729037
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.9 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112384.D
Acq: 4 Feb 2019 17:06

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	21.1	17.0	25.4

