

Data File : BF114773.D
Acq On : 1 Jun 2019 23:22
Operator : HP/JU
Sample : K3104-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Quant Time: Jun 03 01:48:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	366833	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1332831	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	595958	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1023892	20.00	ng	0.00
76) Chrysene-d12	13.82	240	808024	20.00	ng	0.00
87) Perylene-d12	15.20	264	723601	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1960397	93.83	ng	0.02
7) Phenol-d6	6.33	99	2046259	81.27	ng	0.00
23) Nitrobenzene-d5	7.25	82	1649810	77.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	628587	110.70	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2968608	95.56	ng	0.00
79) Terphenyl-d14	12.77	244	2704980	62.94	ng	0.00

Target Compounds

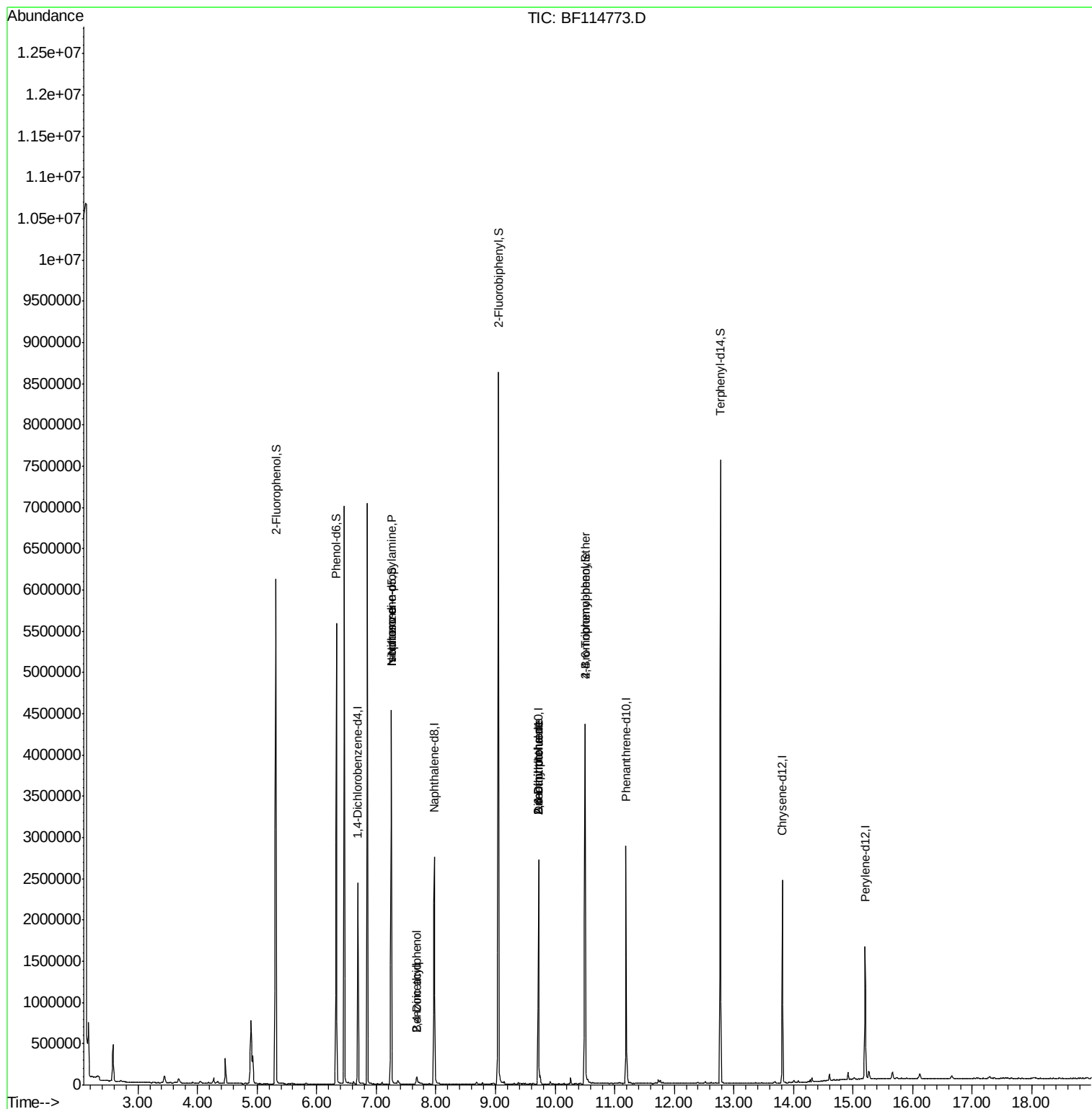
	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	2932	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	220728	12.701	ng	75
25) Isophorone	7.25	82	1598735	37.290	ng	63
27) 2,4-Dimethylphenol	7.68	122	39600	2.156	ng	4
32) Benzoic acid	7.68	122	39600	3.319	ng	95
50) Dimethylphthalate	9.72	163	167375	4.030	ng	1
51) 2,6-Dinitrotoluene	9.72	165	78032	8.087	ng	31
57) 2,4-Dinitrotoluene	9.72	165	78033	6.301	ng	23
58) Fluorene	10.26	166	22927	Below Cal	#	99
61) 4-Chlorophenyl-phenylether	10.43	204	153	Below Cal	#	27
67) 4-Bromophenyl-phenylether	10.50	248	40373	3.677	ng	1
74) Di-n-butylphthalate	11.76	149	13509	Below Cal	#	94

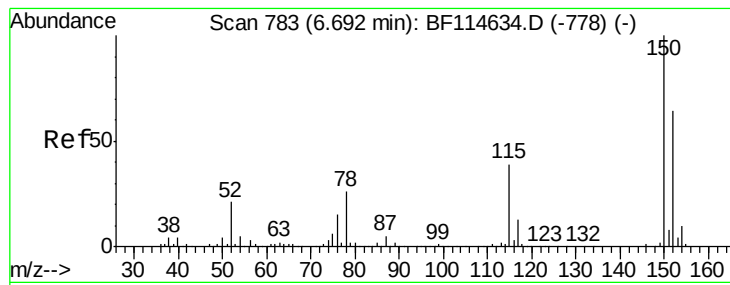
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF114773.D
Acq On : 1 Jun 2019 23:22
Operator : HP/JU
Sample : K3104-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Quant Time: Jun 03 01:48:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



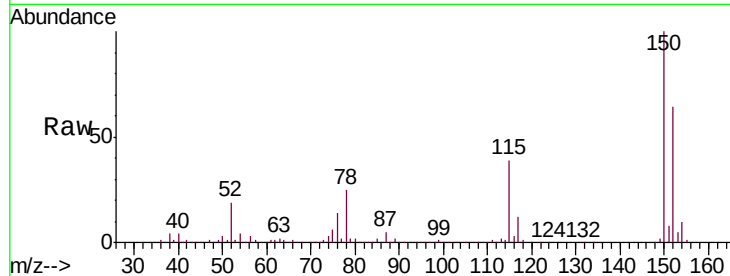


#1

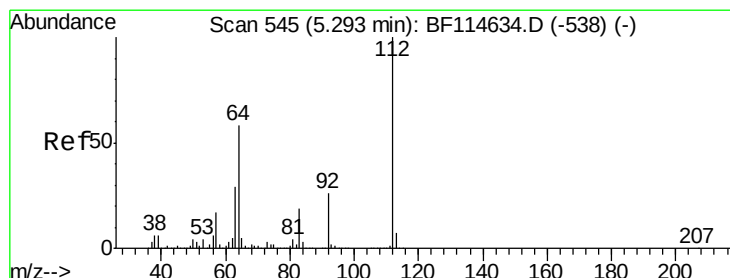
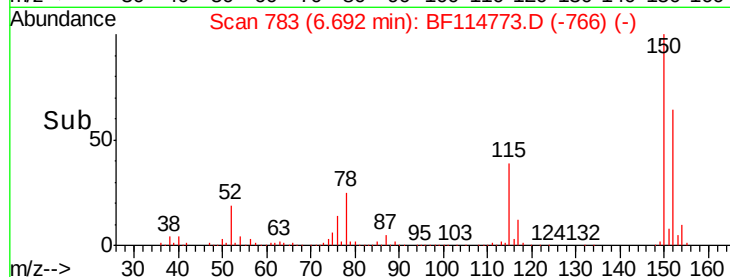
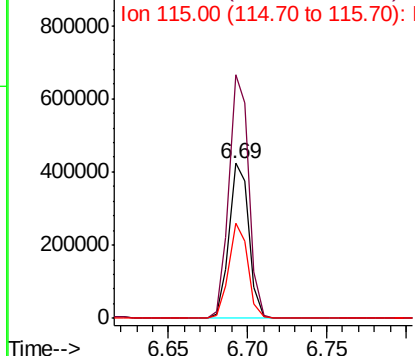
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tgt Ion:152 Resp: 366833
Ion Ratio Lower Upper
152 100
150 157.3 124.4 186.6
115 61.5 48.7 73.1



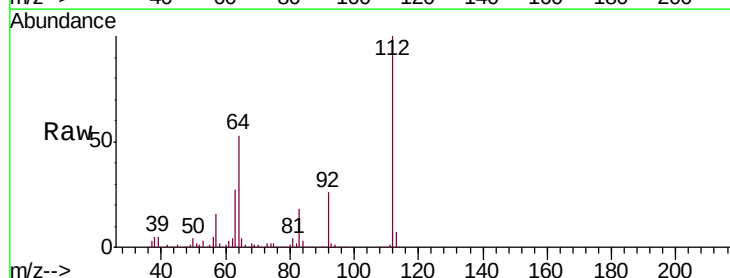
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



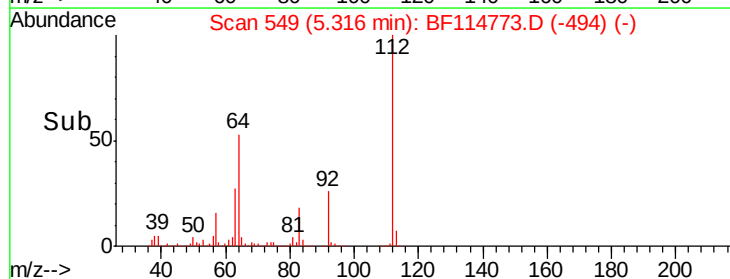
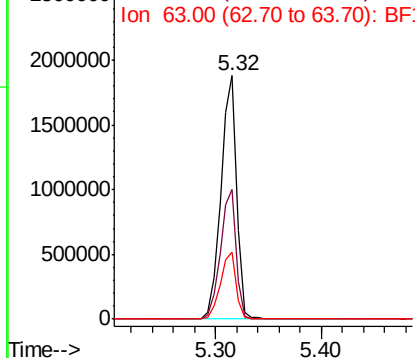
#5

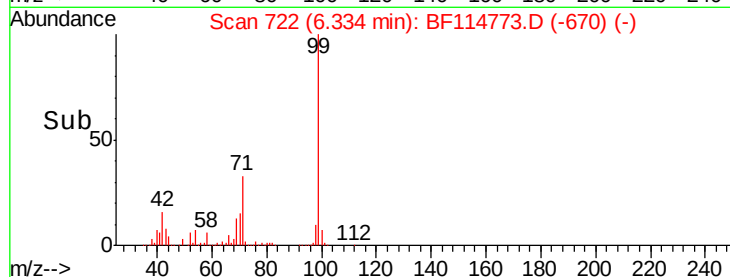
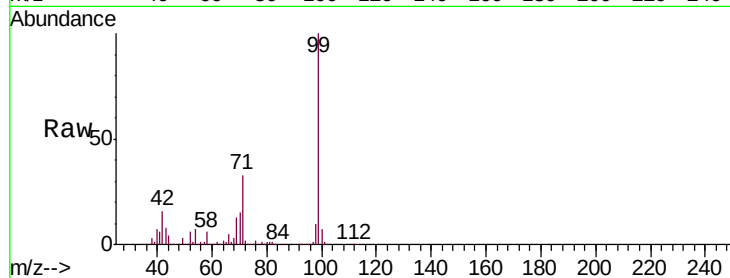
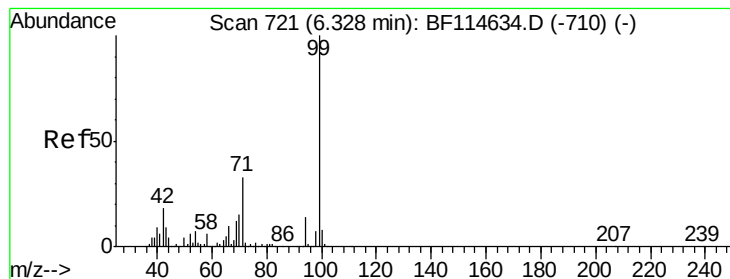
2-Fluorophenol
Concen: 93.827 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Tgt Ion:112 Resp: 1960397
Ion Ratio Lower Upper
112 100
64 53.0 46.1 69.1
63 27.3 23.4 35.2



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: 81.273 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

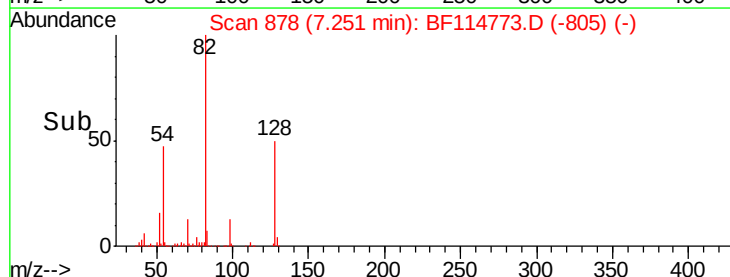
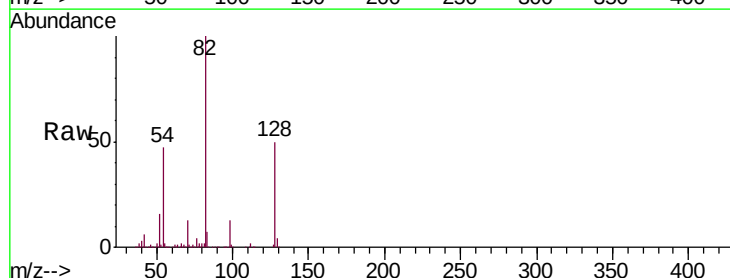
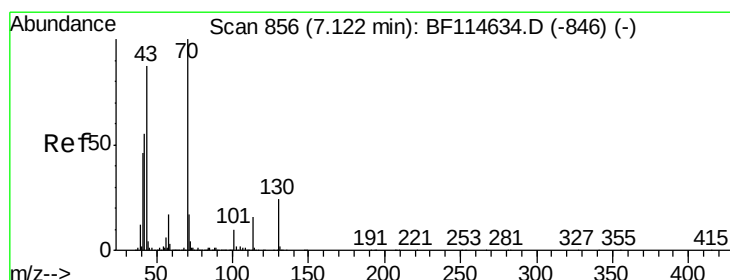
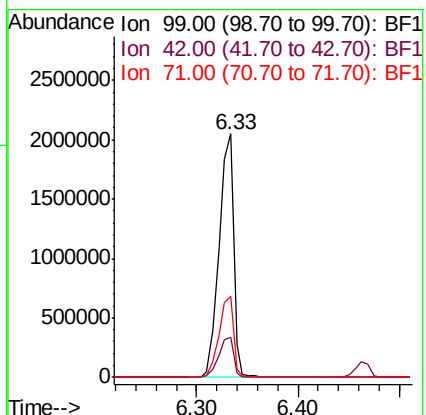
Tgt Ion: 99 Resp: 2046259

Ion Ratio Lower Upper

99 100

42 16.2 14.7 22.1

71 33.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.701 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Tgt Ion: 70 Resp: 220728

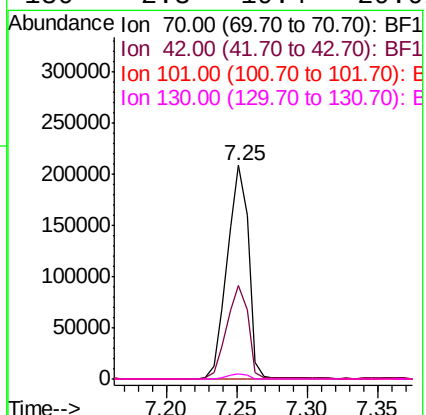
Ion Ratio Lower Upper

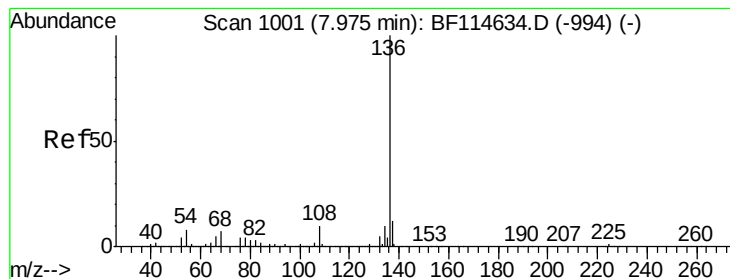
70 100

42 43.9 44.4 66.6#

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

Tgt Ion:136 Resp: 1332831

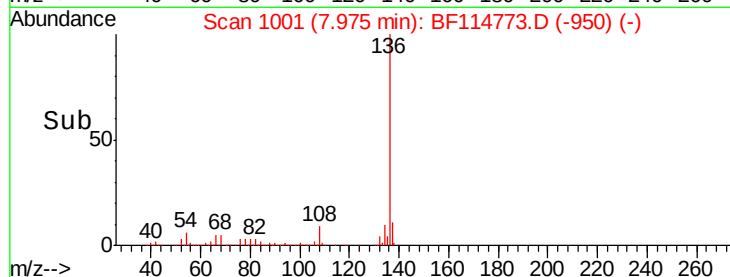
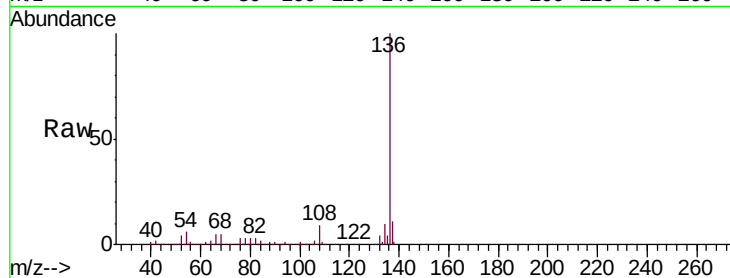
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.5 6.3 9.5

68 5.3 5.4 8.0#

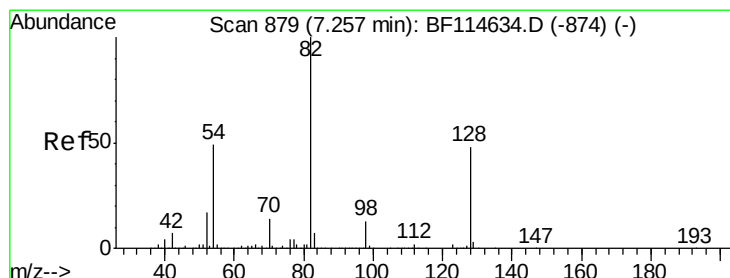
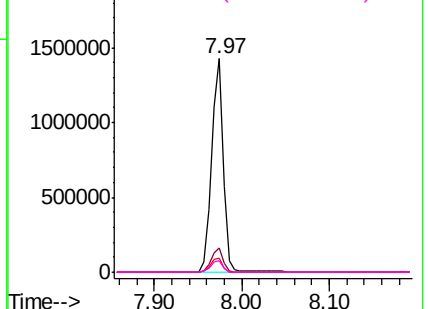


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.227 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

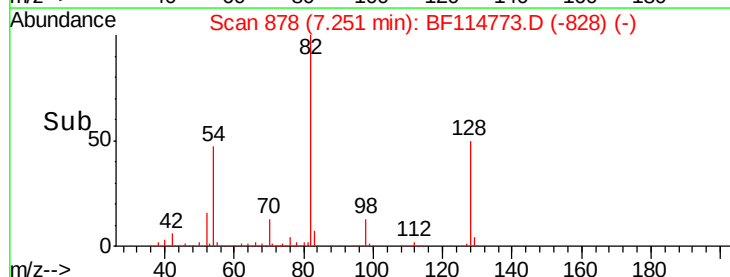
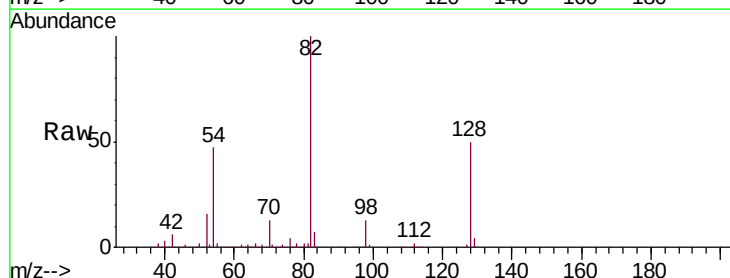
Tgt Ion: 82 Resp: 1649810

Ion Ratio Lower Upper

82 100

128 50.1 38.5 57.7

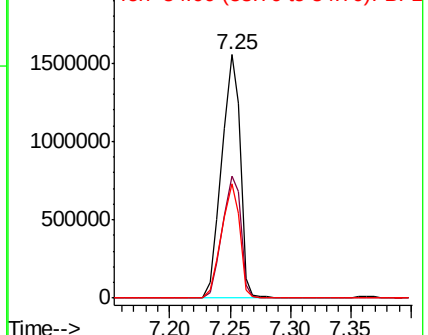
54 46.9 39.1 58.7

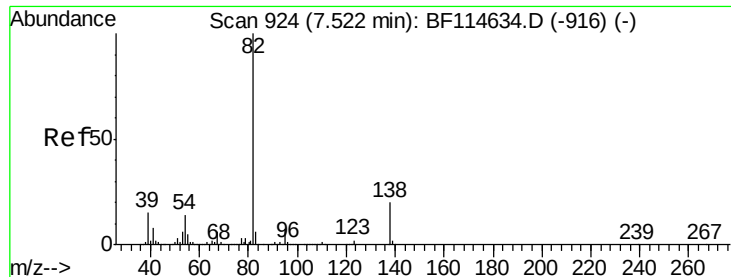


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.290 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

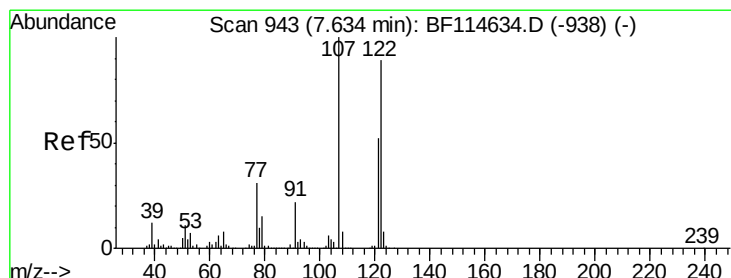
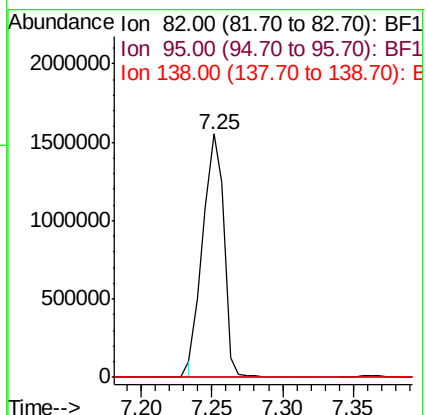
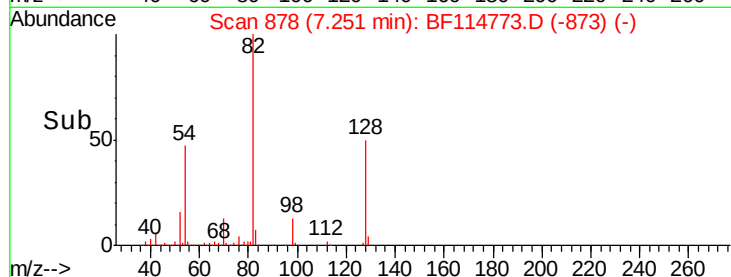
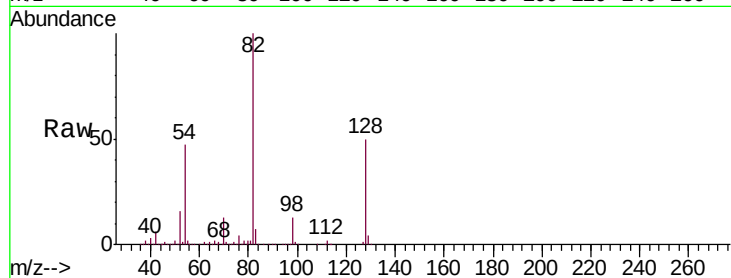
Tgt Ion: 82 Resp: 1598735

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.9 23.9#



#27

2,4-Dimethylphenol

Concen: 2.156 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.05 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

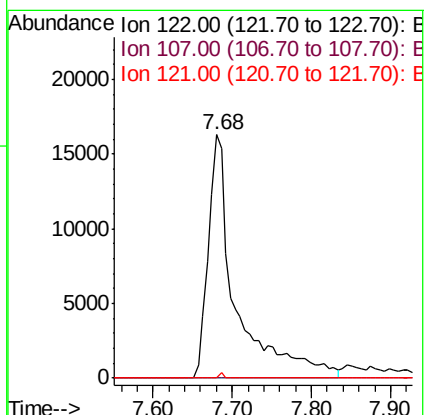
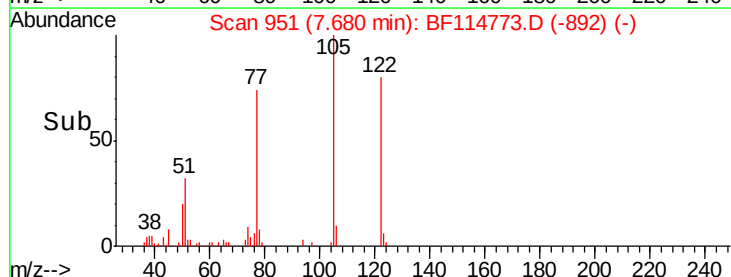
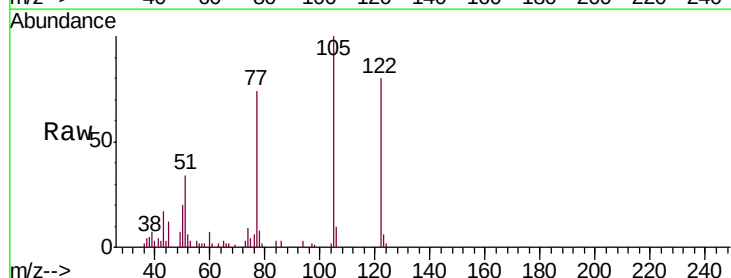
Tgt Ion: 122 Resp: 39600

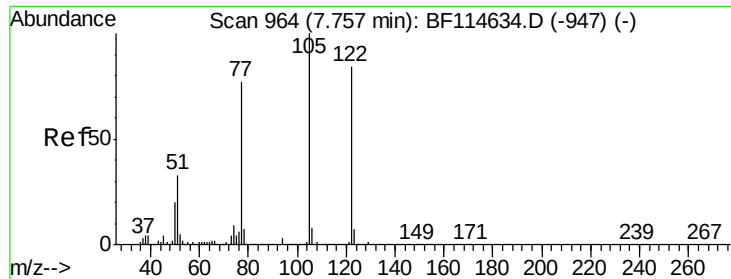
Ion Ratio Lower Upper

122 100

107 0.0 89.3 133.9#

121 0.0 46.8 70.2#

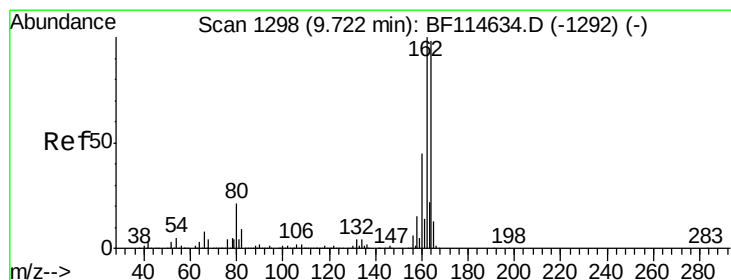
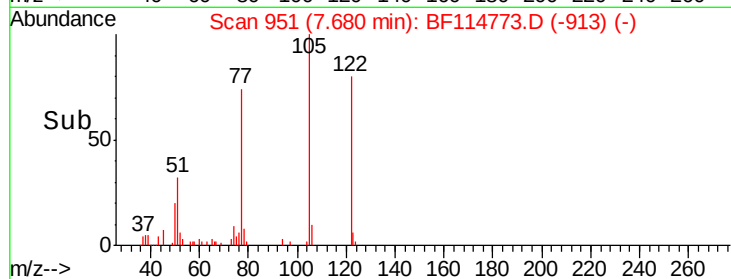
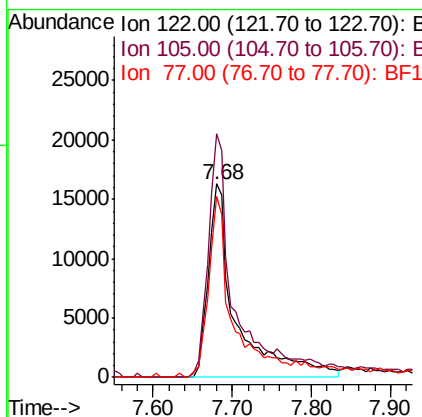
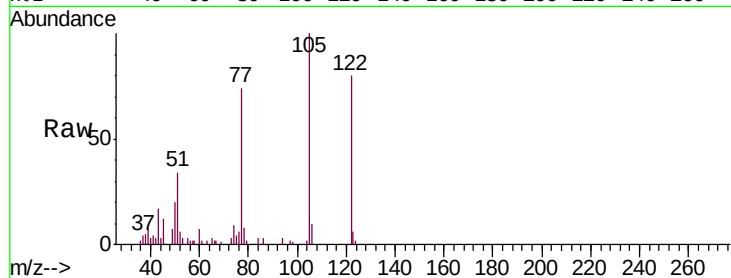




#32
Benzoic acid
Concen: 3.319 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

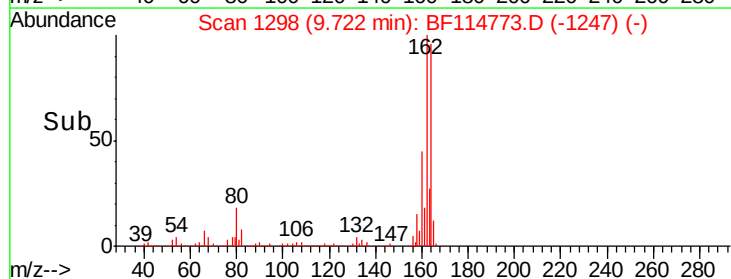
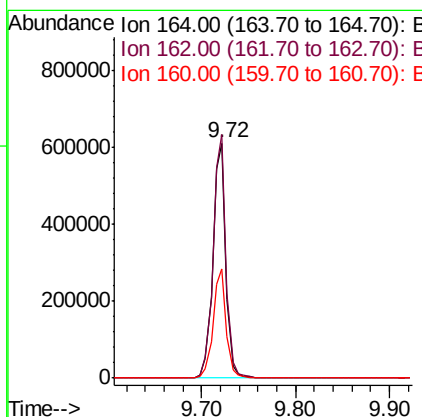
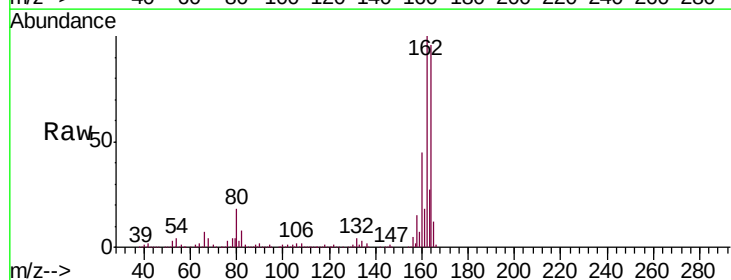
Instrument :
BNA_F
ClientSampleId :
RBR-251-688

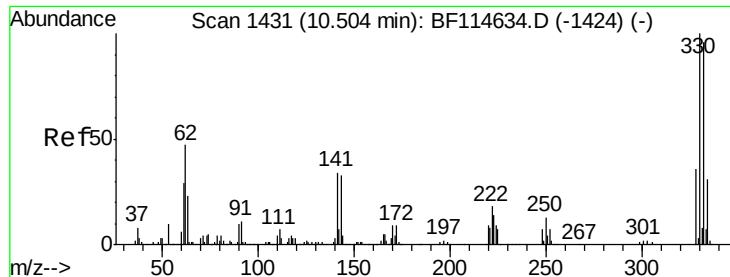
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	98.3	138.3
77	93.4	70.7	110.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.2
160	46.7	36.6	54.8

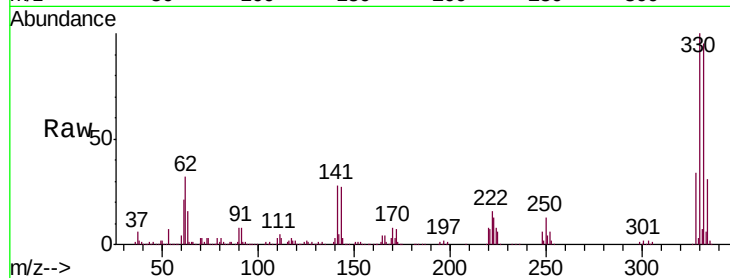




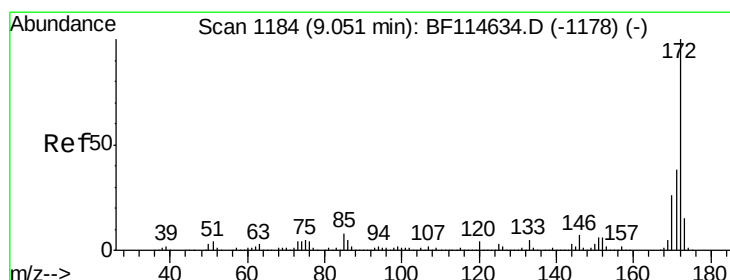
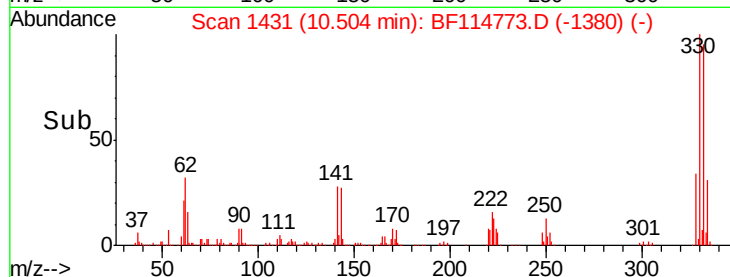
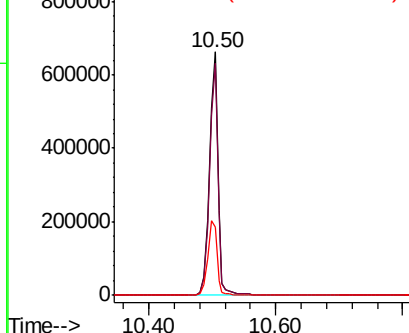
#42
 2,4,6-Tribromophenol
 Concen: 110.695 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Tgt Ion:330 Resp: 628587
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.8 113.8
 141 33.3 27.8 41.8

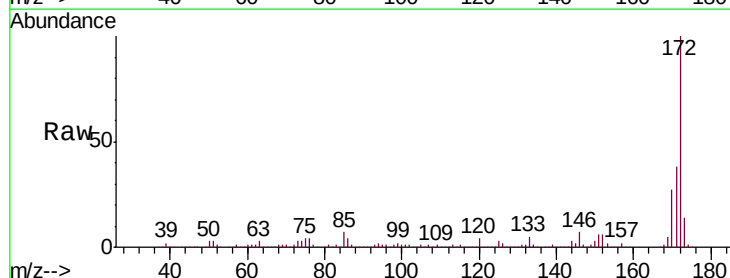


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

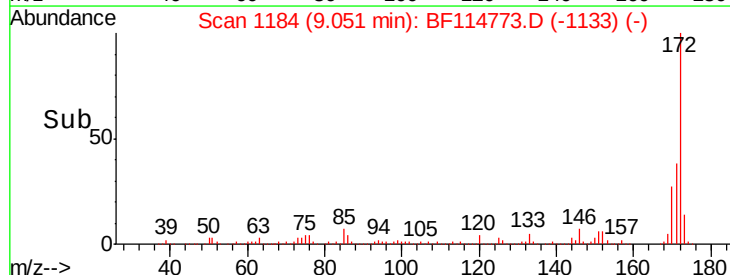
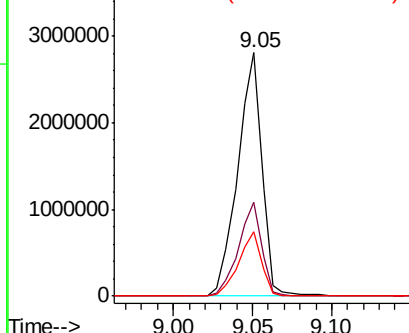


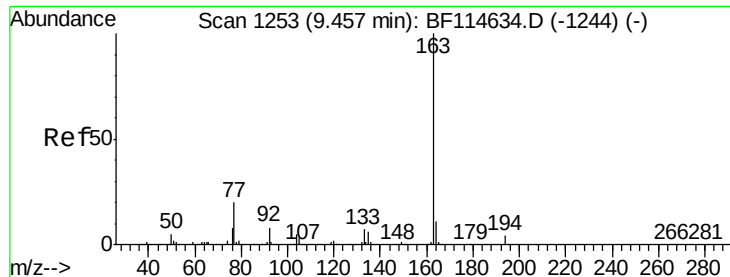
#45
 2-Fluorobiphenyl
 Concen: 95.560 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Tgt Ion:172 Resp: 2968608
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.6 45.8
 170 26.6 20.7 31.1



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: 4.030 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

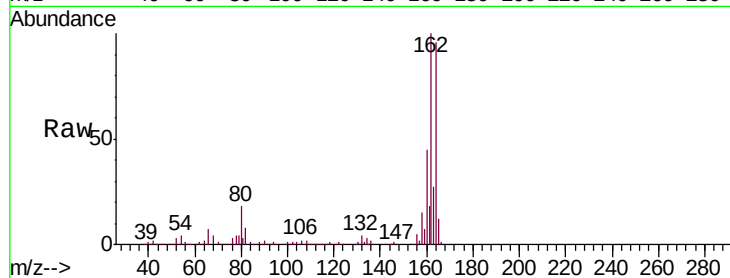
Tgt Ion:163 Resp: 167375

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

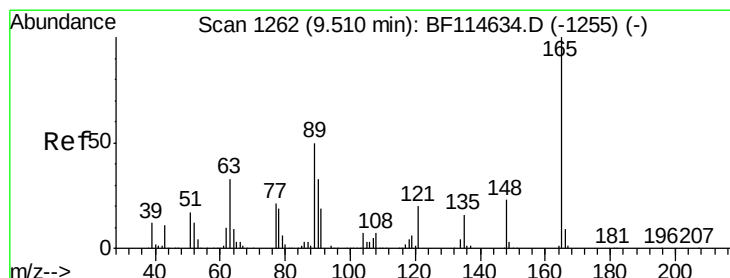
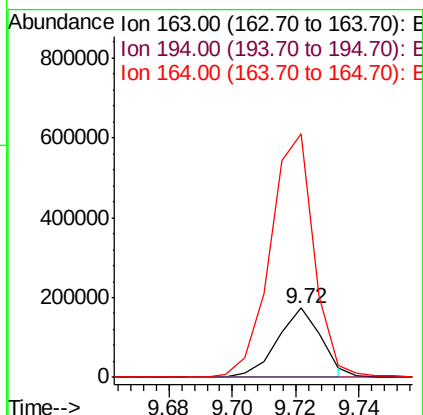
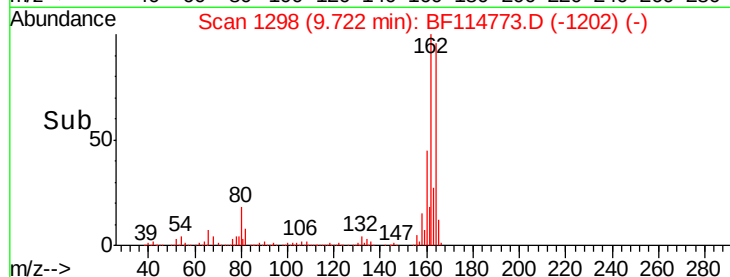
164 351.5 8.6 13.0#



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: 8.087 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

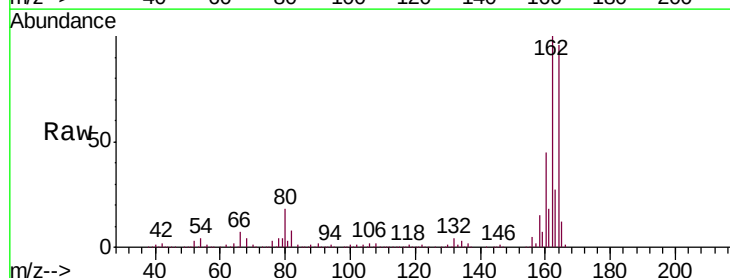
Tgt Ion:165 Resp: 78032

Ion Ratio Lower Upper

165 100

63 1.0 36.6 54.8#

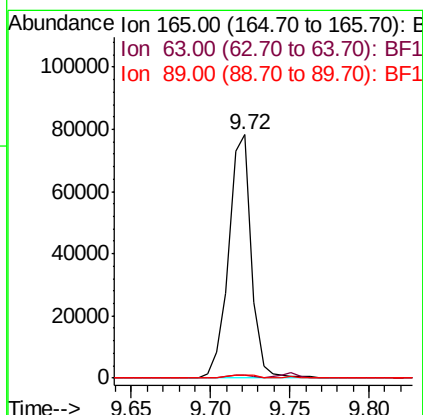
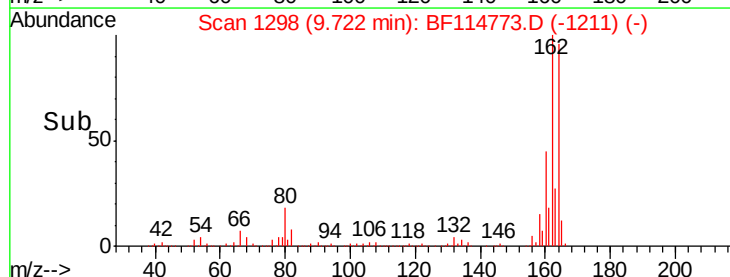
89 1.4 40.2 60.4#

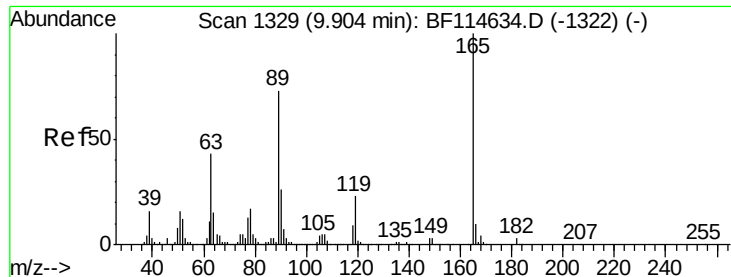


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

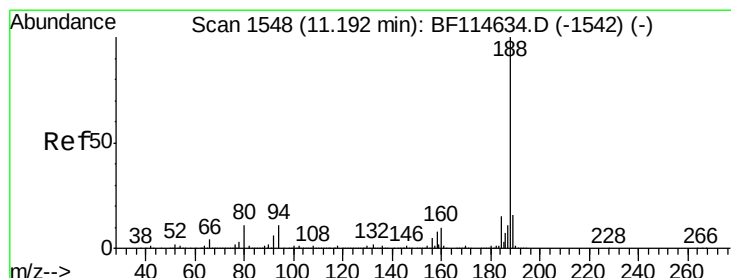
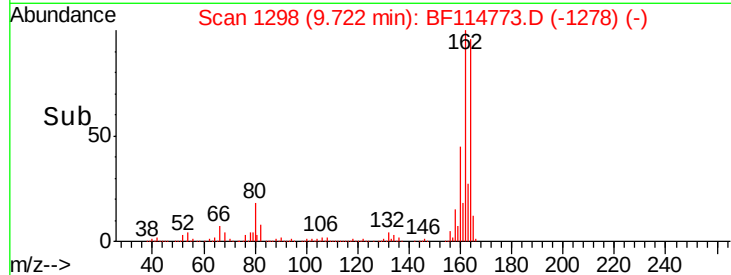
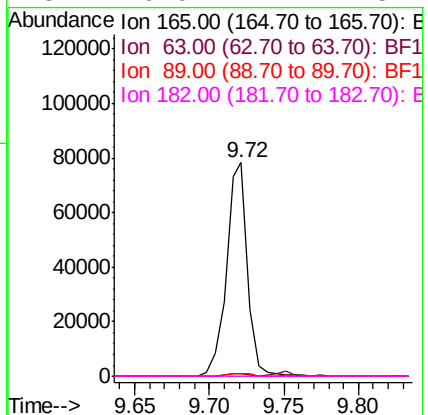
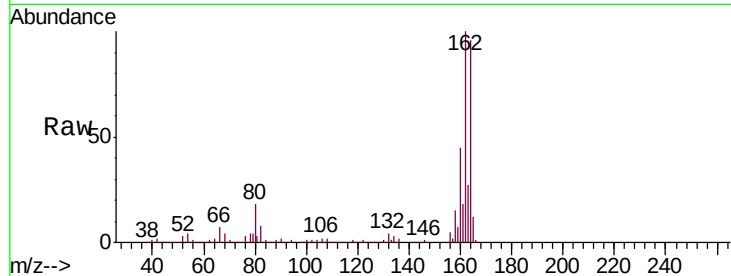




#57
 2,4-Dinitrotoluene
 Concen: 6.301 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

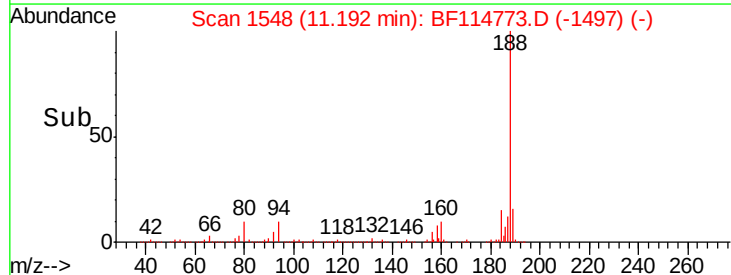
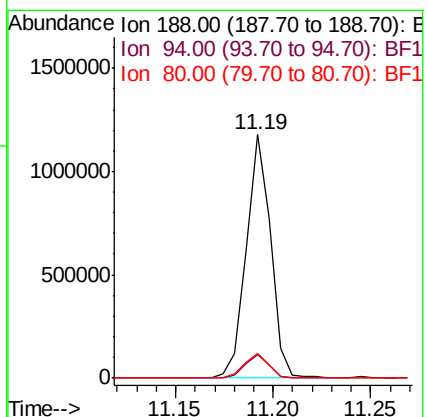
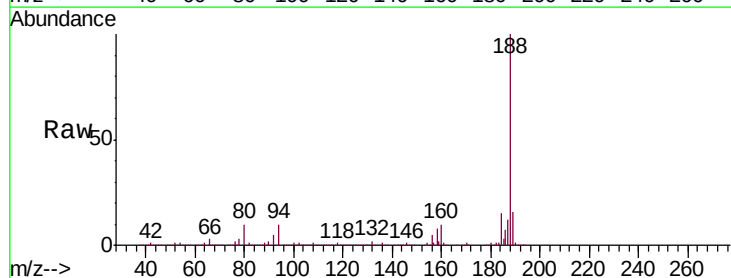
Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

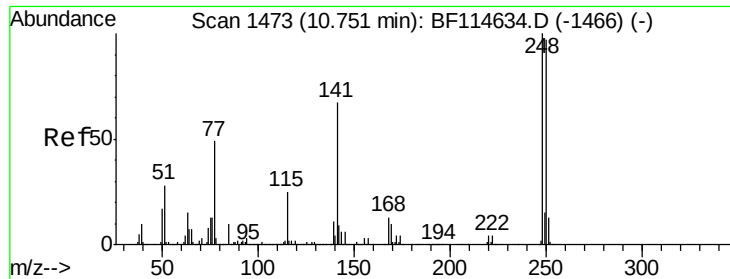
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.4	9.0	13.6

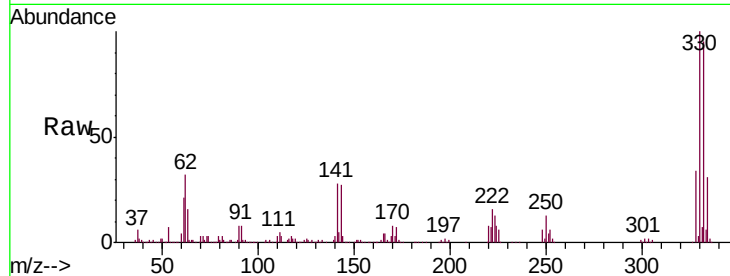




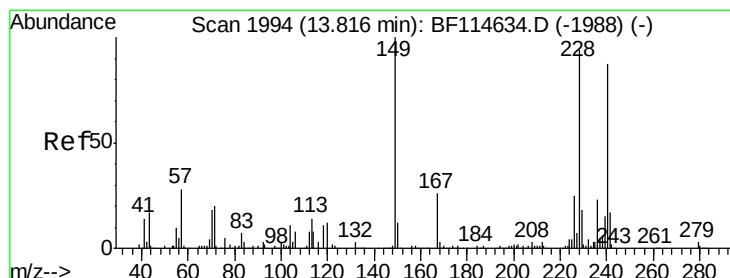
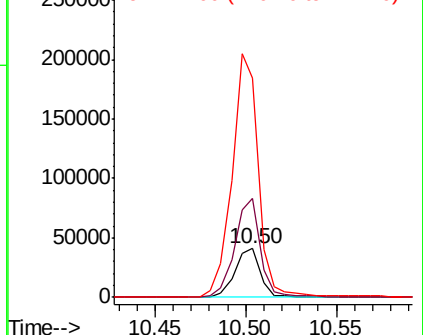
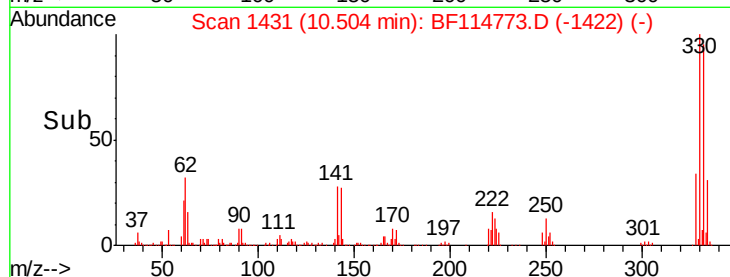
#67
 4-Bromophenyl-phenylether
 Concen: 3.677 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Tgt Ion:248 Resp: 40373
 Ion Ratio Lower Upper
 248 100
 250 203.5 78.0 117.0#
 141 447.1 53.8 80.8#

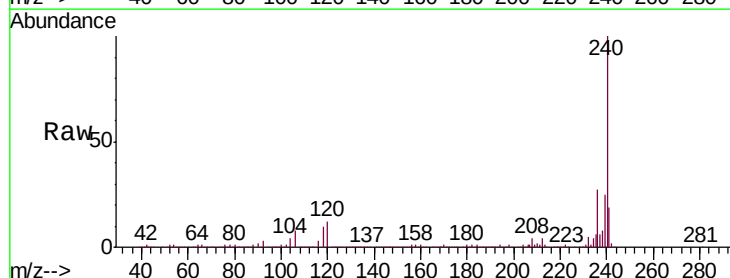


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

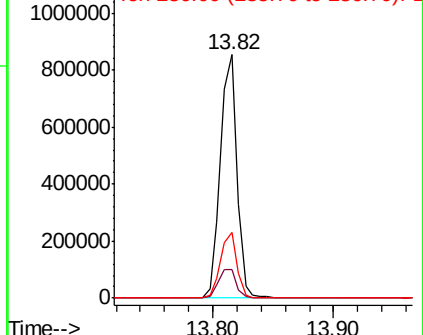
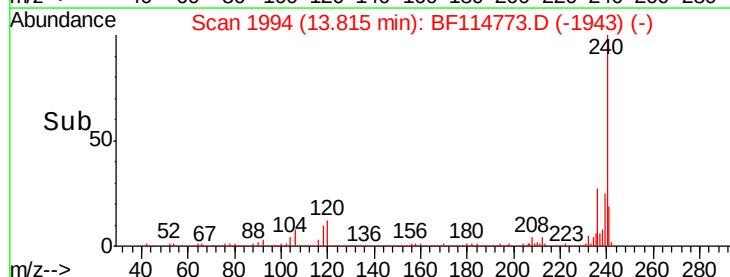


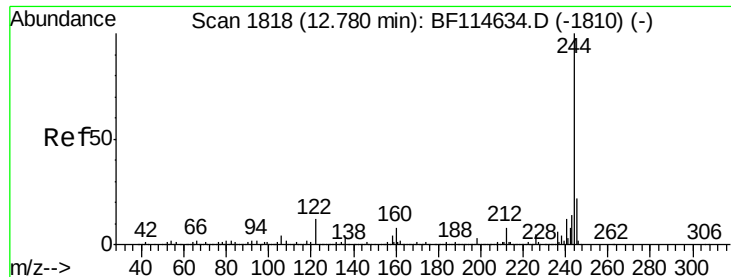
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Tgt Ion:240 Resp: 808024
 Ion Ratio Lower Upper
 240 100
 120 11.7 11.2 16.8
 236 27.1 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





#79

Terphenyl-d14

Concen: 62.941 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

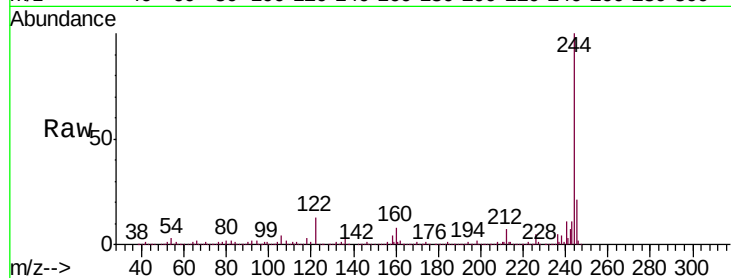
Tgt Ion:244 Resp: 2704980

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

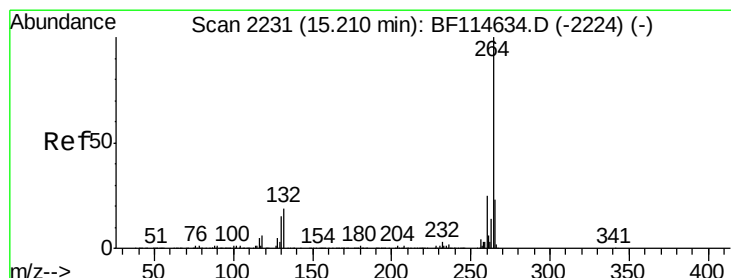
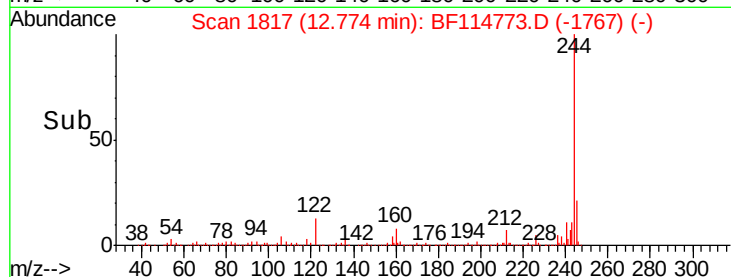
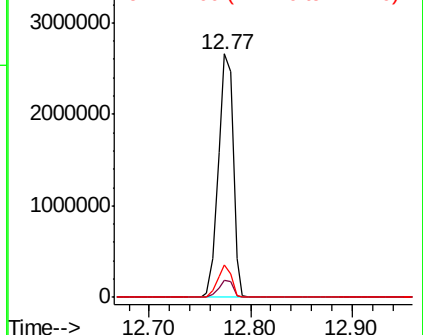
122 13.3 9.8 14.8



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

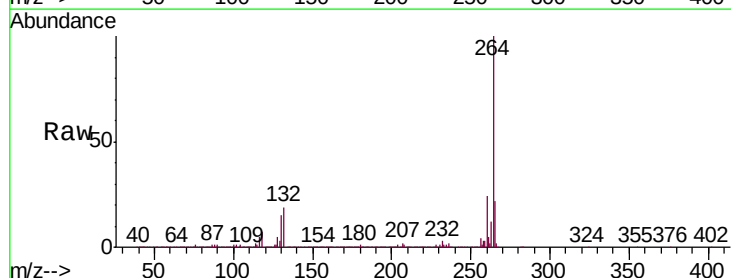
Tgt Ion:264 Resp: 723601

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.6 18.1 27.1



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

