

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111327.D
 Acq On : 12 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6344-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Quant Time: Dec 13 01:18:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	304591	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1171324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	456866	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	342648	20.00	ng	0.03
76) Chrysene-d12	13.96	240	481900	20.00	ng	0.00
87) Perylene-d12	15.39	264	454892	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	2026403	112.50	ng	0.00
7) Phenol-d6	6.43	99	2612723	107.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	1609117	77.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	228297	56.69	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	2479843	87.14	ng	0.00
79) Terphenyl-d14	12.92	244	1287235	58.79	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	228	0.025	ng	# 17
3) Pyridine	3.29	79	126	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.19	42	738	0.072	ng	# 1
6) Aniline	6.44	93	6079	0.207	ng	# 1
8) 2-Chlorophenol	6.57	128	950	0.043	ng	# 1
9) Benzaldehyde	6.33	77	3426	Below Cal		# 84
10) Phenol	6.44	94	192667	7.003	ng	# 92
11) bis(2-Chloroethyl)ether	6.56	93	3114	0.144	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	344	0.014	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	344	0.014	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	344	0.015	ng	# 1
15) Benzyl Alcohol	6.95	79	28559	1.536	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.10	45	963	0.023	ng	# 72
17) 2-Methylphenol	6.92	107	10402	0.581	ng	# 1
18) Hexachloroethane	7.30	117	142	0.016	ng	# 6
19) n-Nitroso-di-n-propylamine	7.35	70	212685	13.179	ng	# 79
20) 3+4-Methylphenols	7.19	107	1568	0.073	ng	# 1
22) Acetophenone	7.19	105	14400	0.529	ng	# 82
24) Nitrobenzene	7.35	77	4428	0.207	ng	# 36
25) Isophorone	7.35	82	1583750	44.865	ng	# 64
26) 2-Nitrophenol	7.60	139	122	0.012	ng	# 1
27) 2,4-Dimethylphenol	7.73	122	371	0.023	ng	# 1
28) bis(2-Chloroethoxy)methane	7.84	93	847	0.035	ng	# 1
29) 2,4-Dichlorophenol	7.98	162	330	0.020	ng	# 12
31) Naphthalene	8.09	128	14931	0.274	ng	# 97
32) Benzoic acid	7.86	122	294	0.022	ng	# 57
33) 4-Chloroaniline	8.12	127	866	0.037	ng	# 42
35) Caprolactam	8.51	113	2400	0.411	ng	# 1
36) 4-Chloro-3-methylphenol	8.64	107	549	0.031	ng	# 20
37) 2-Methylnaphthalene	8.79	142	20949	0.594	ng	# 95
38) 1-Methylnaphthalene	8.89	142	13161	0.387	ng	# 92
43) 2,4,6-Trichlorophenol	9.08	196	2968	0.323	ng	# 12
44) 2,4,5-Trichlorophenol	9.13	196	1057	0.109	ng	# 1
46) 1,1'-Biphenyl	9.25	154	15405	0.395	ng	# 93

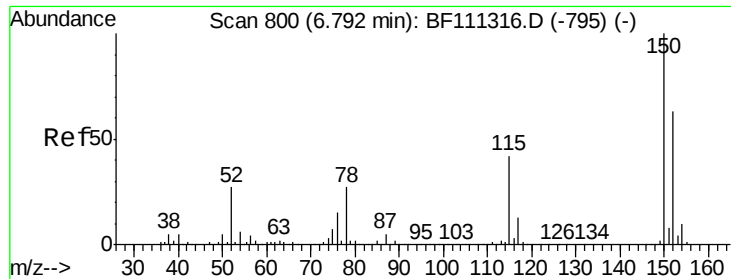
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111327.D
 Acq On : 12 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6344-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Quant Time: Dec 13 01:18:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 2-Chloronaphthalene	9.28	162	638	0.021	ng	#	1
48) 2-Nitroaniline	9.38	65	3109	0.320	ng	#	76
49) Acenaphthylene	9.69	152	21806	0.500	ng	#	1
50) Dimethylphthalate	9.55	163	185268	5.639	ng	#	91
51) 2,6-Dinitrotoluene	9.59	165	63249	8.685	ng	#	33
52) Acenaphthene	9.86	154	13055	0.475	ng	#	15
53) 3-Nitroaniline	9.79	138	4871	0.556	ng	#	24
54) 2,4-Dinitrophenol	9.90	184	318	0.111	ng	#	1
55) Dibenzofuran	10.04	168	14497	0.365	ng	#	1
56) 4-Nitrophenol	9.91	139	23791	3.774	ng	#	1
57) 2,4-Dinitrotoluene	10.01	165	15670	1.679	ng	#	37
58) Fluorene	10.39	166	9822	0.346	ng	#	1
59) 2,3,4,6-Tetrachlorophenol	10.17	232	2313	0.308	ng	#	1
60) Diethylphthalate	10.26	149	94792	2.866	ng	#	58
61) 4-Chlorophenyl-phenylether	10.41	204	8160	0.579	ng	#	1
62) 4-Nitroaniline	10.39	138	6269	0.745	ng	#	43
63) Azobenzene	10.53	77	16342	0.490	ng	#	34
65) 4,6-Dinitro-2-methylphenol	10.46	198	2761	1.404	ng	#	1
66) n-Nitrosodiphenylamine	10.53	169	4247	0.348	ng	#	1
67) 4-Bromophenyl-phenylether	10.90	248	6680	1.751	ng	#	1
69) Atrazine	11.05	200	17729	5.029	ng	#	1
70) Pentachlorophenol	11.13	266	6721	2.571	ng	#	8
71) Phenanthrene	11.37	178	89117	5.032	ng	#	5
72) Anthracene	11.42	178	30281	1.679	ng	#	1
73) Carbazole	11.56	167	20607	1.105	ng	#	1
74) Di-n-butylphthalate	11.90	149	47587	2.241	ng	#	38
75) Fluoranthene	12.56	202	136632	7.903	ng	#	84
77) Benzidine	12.66	184	1050	0.115	ng	#	1
78) Pyrene	12.78	202	131988	3.549	ng	#	89
80) Butylbenzylphthalate	13.39	149	18534	1.038	ng	#	76
81) Benzo(a)anthracene	13.95	228	81616	3.027	ng	#	90
82) 3,3'-Dichlorobenzidine	13.92	252	553	0.054	ng	#	1
83) Chrysene	13.99	228	84006	3.054	ng	#	93
84) Bis(2-ethylhexyl)phthalate	13.94	149	95324	4.367	ng	#	94
85) Di-n-octyl phthalate	14.56	149	4441	0.124	ng	#	63
86) Indeno(1,2,3-cd)pyrene	16.79	276	45272	2.104	ng	#	94
88) Benzo(b)fluoranthene	14.97	252	167037	6.458	ng	#	85
89) Benzo(k)fluoranthene	14.97	252	166974	6.467	ng	#	84
90) Benzo(a)pyrene	15.33	252	80374	3.337	ng	#	86
91) Dibenzo(a,h)anthracene	16.80	278	12233	0.610	ng	#	71
92) Benzo(g,h,i)perylene	17.21	276	45399	2.266	ng	#	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

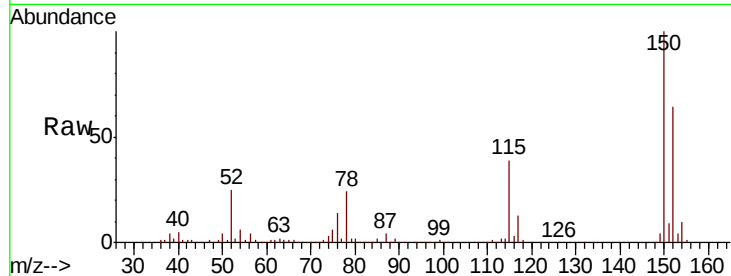
Tgt Ion:152 Resp: 304591

Ion Ratio Lower Upper

152 100

150 157.3 126.6 189.8

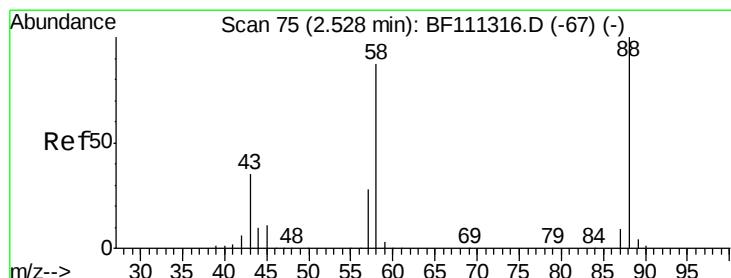
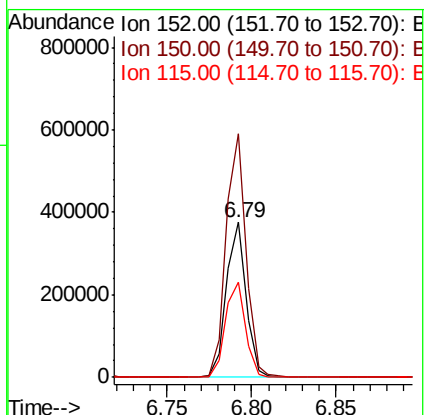
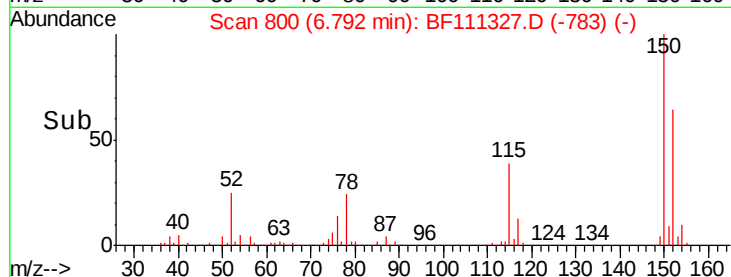
115 61.6 50.7 76.1



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



#2

1,4-Dioxane

Concen: 0.025 ng

RT: 2.53 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

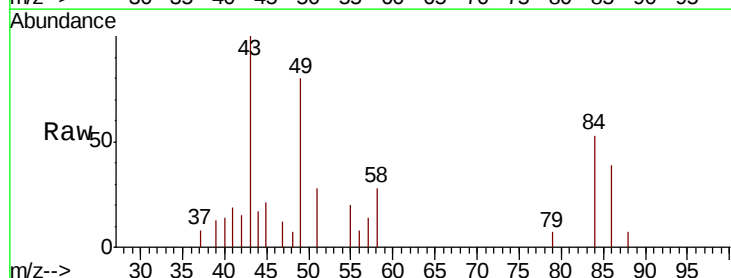
Tgt Ion: 88 Resp: 228

Ion Ratio Lower Upper

88 100

58 171.1 68.9 103.3#

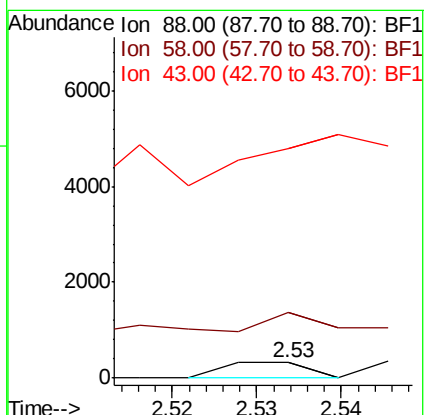
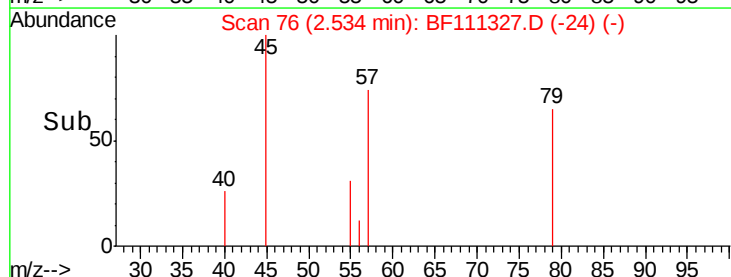
43 0.0 25.8 38.6#

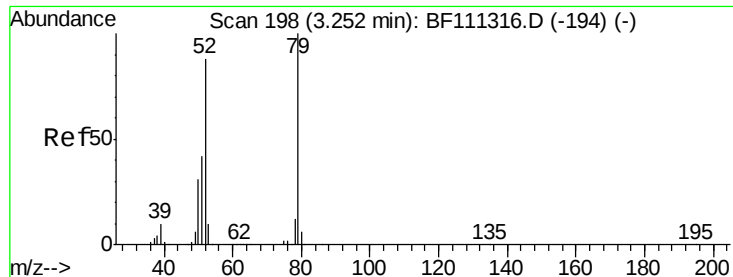


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.006 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

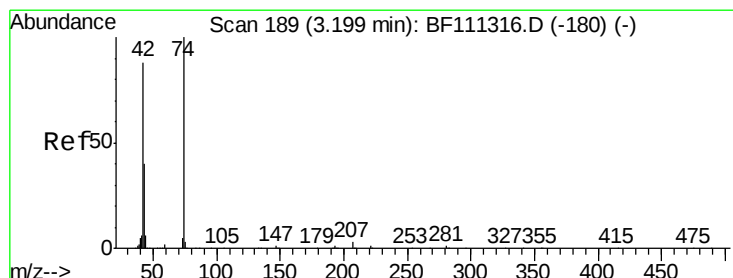
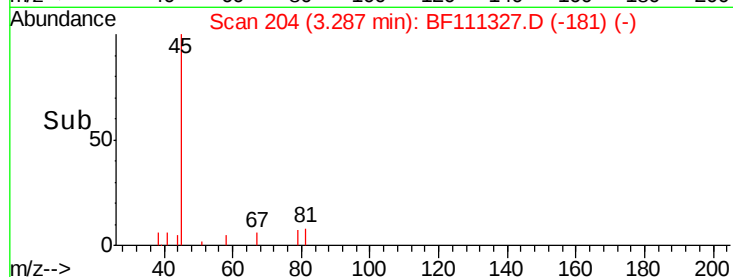
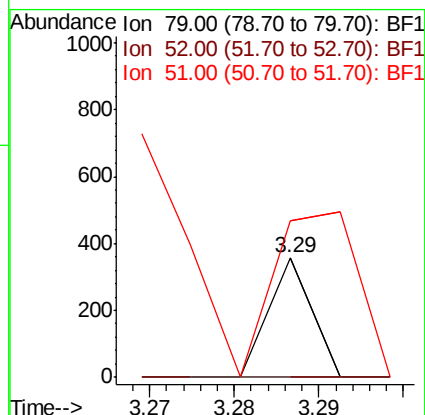
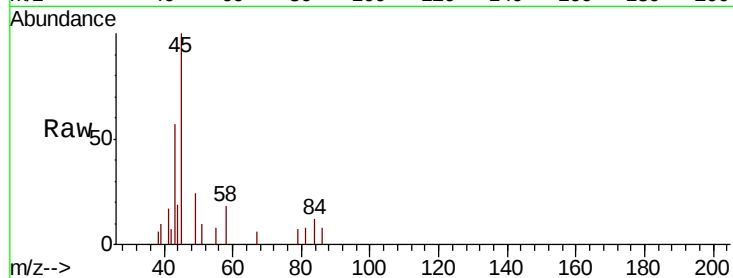
Tgt Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 0.0 68.3 102.5#

51 131.4 32.6 49.0#



#4

n-Nitrosodimethylamine

Concen: 0.072 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

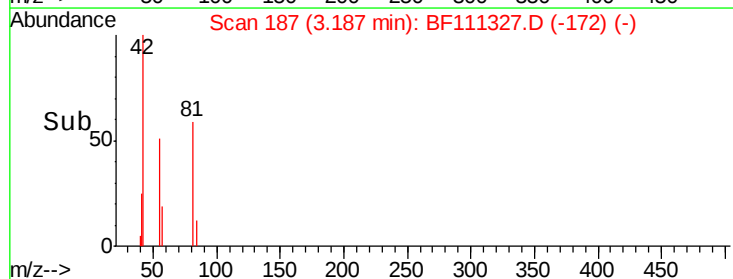
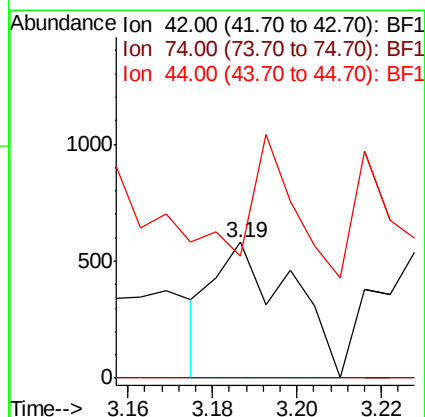
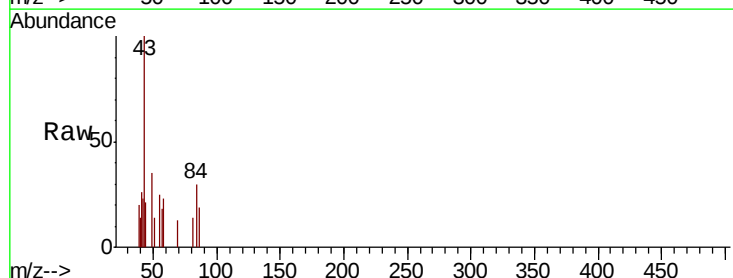
Tgt Ion: 42 Resp: 738

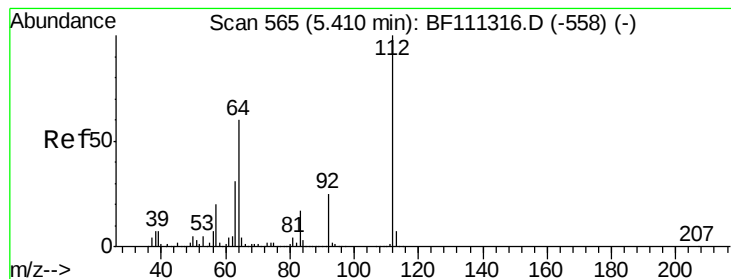
Ion Ratio Lower Upper

42 100

74 0.0 101.5 152.3#

44 89.8 6.0 9.0#





#5

2-Fluorophenol

Concen: 112.502 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

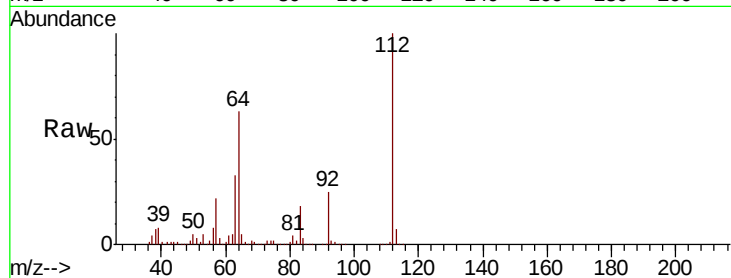
Tgt Ion:112 Resp: 2026403

Ion Ratio Lower Upper

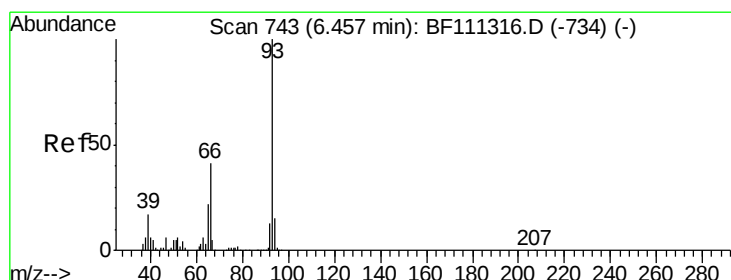
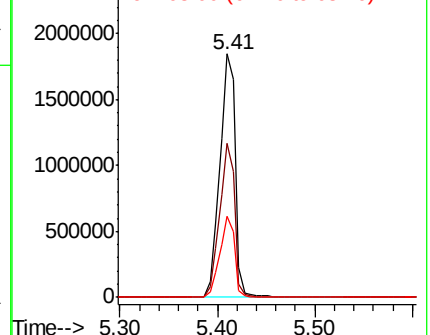
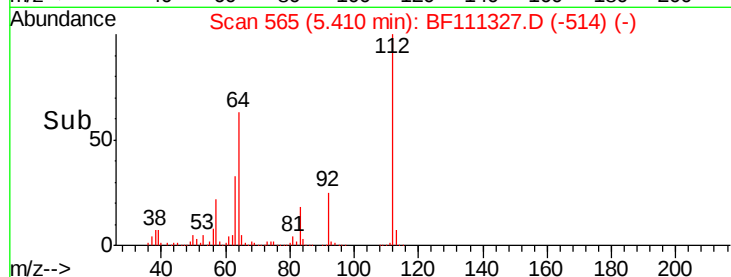
112 100

64 63.2 51.8 77.6

63 33.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.207 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

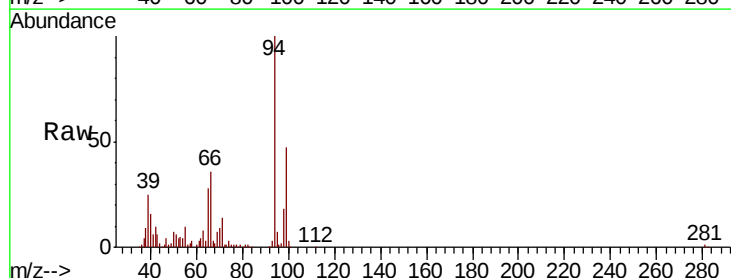
Tgt Ion: 93 Resp: 6079

Ion Ratio Lower Upper

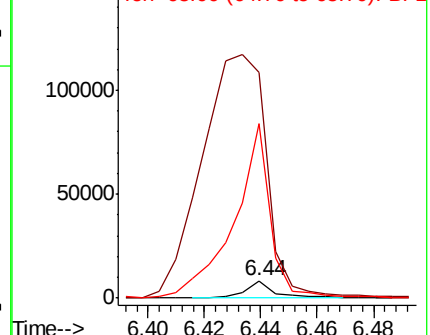
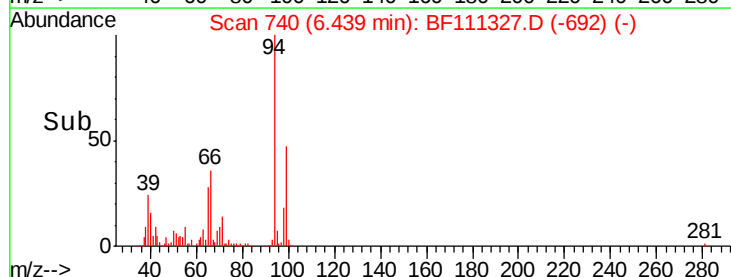
93 100

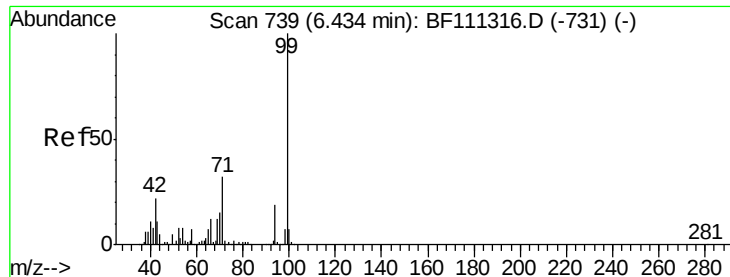
66 1302.8 33.2 49.8#

65 1005.5 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.585 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

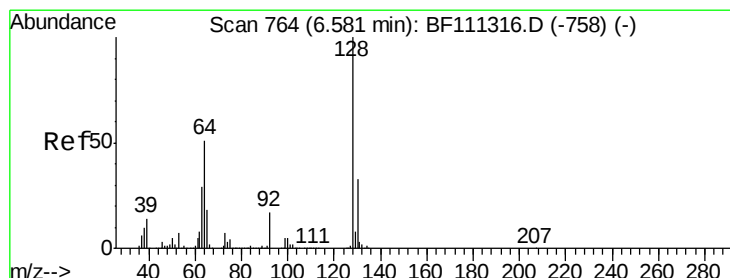
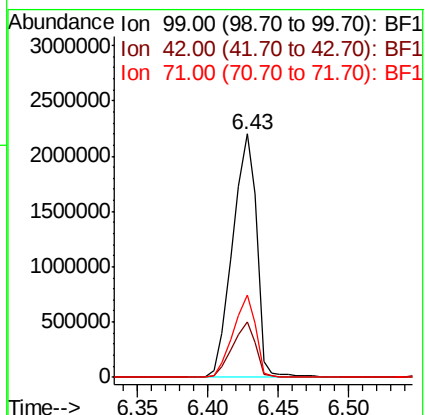
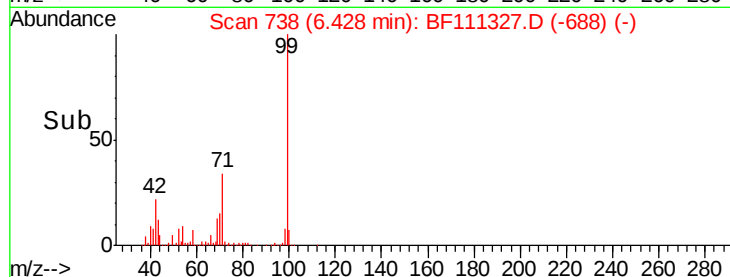
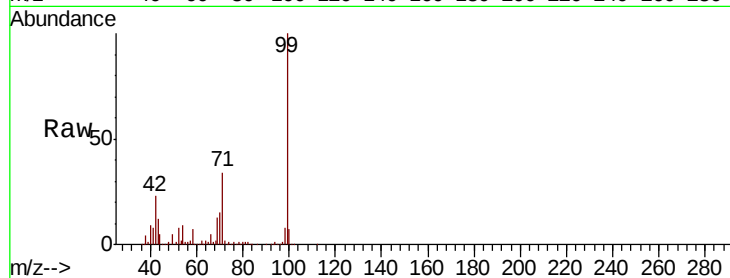
Tgt Ion: 99 Resp: 2612723

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 34.0 26.1 39.1



#8

2-Chlorophenol

Concen: 0.043 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

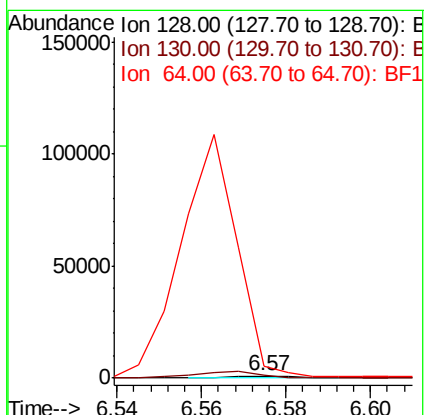
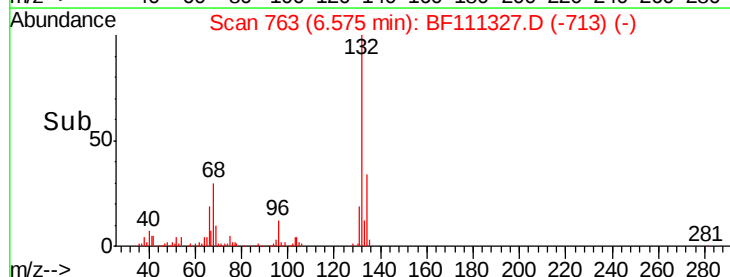
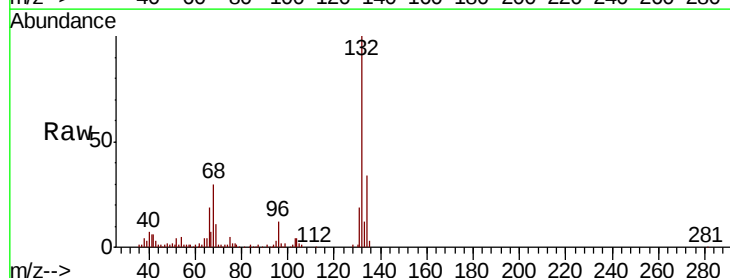
Tgt Ion: 128 Resp: 950

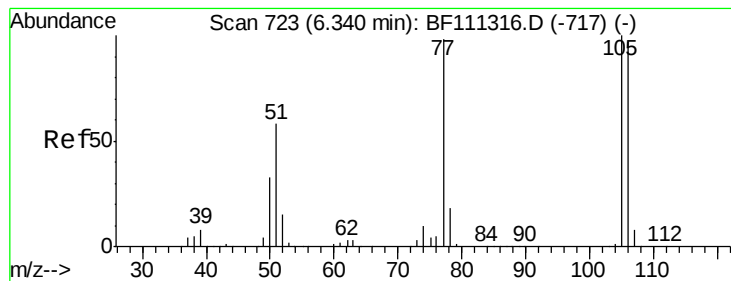
Ion Ratio Lower Upper

128 100

130 155.7 12.7 52.7#

64 600.2 30.0 70.0#





#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

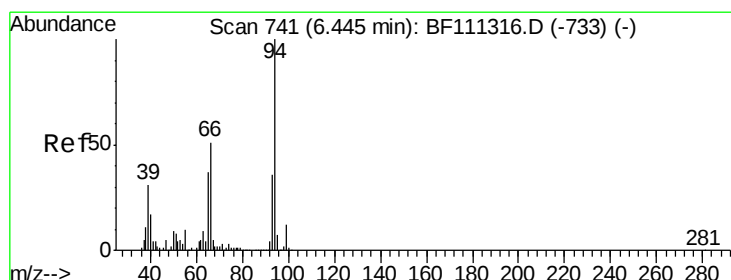
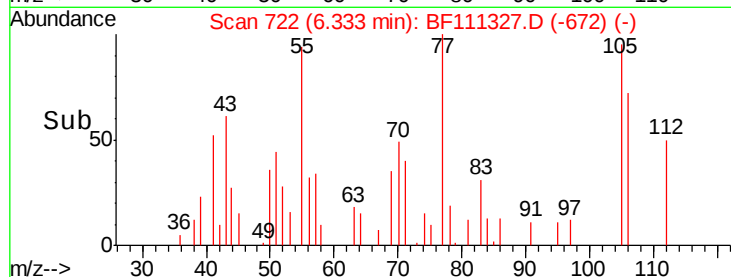
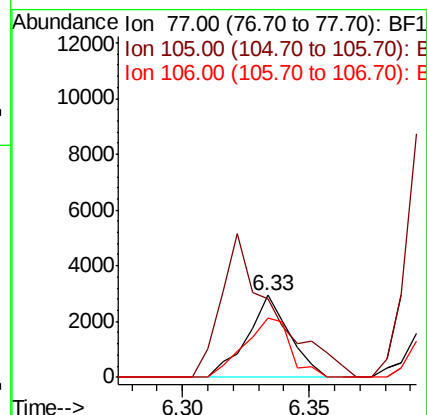
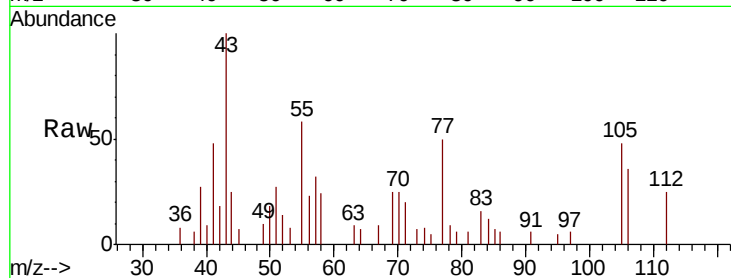
Tgt Ion: 77 Resp: 3426

Ion Ratio Lower Upper

77 100

105 95.4 81.4 121.4

106 71.9 77.9 117.9#



#10

Phenol

Concen: 7.003 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

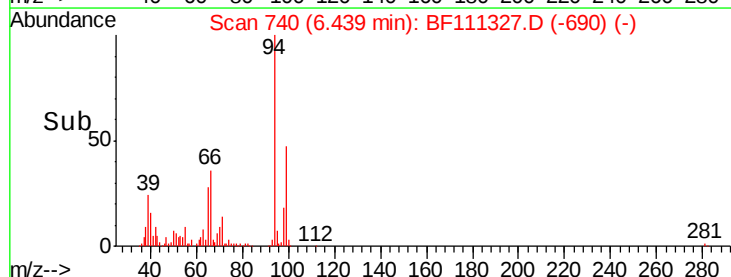
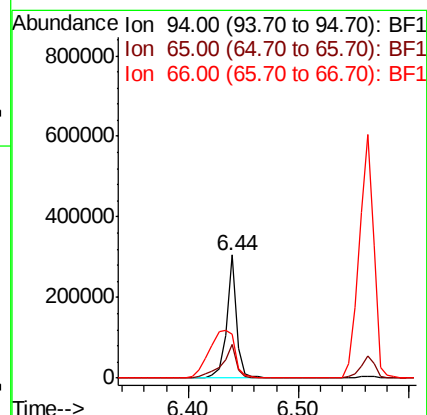
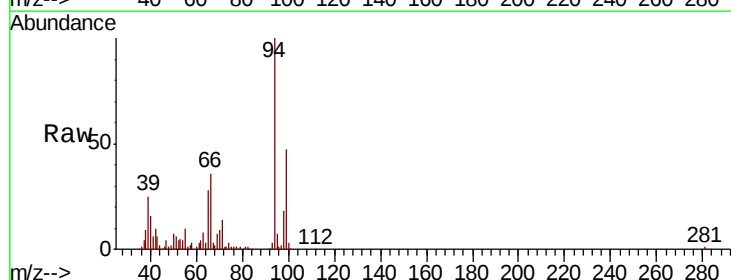
Tgt Ion: 94 Resp: 192667

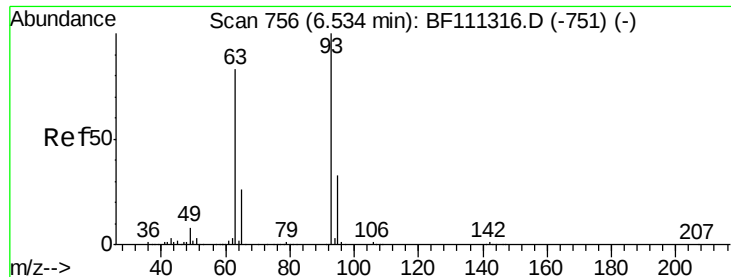
Ion Ratio Lower Upper

94 100

65 27.6 11.7 51.7

66 35.7 21.0 61.0

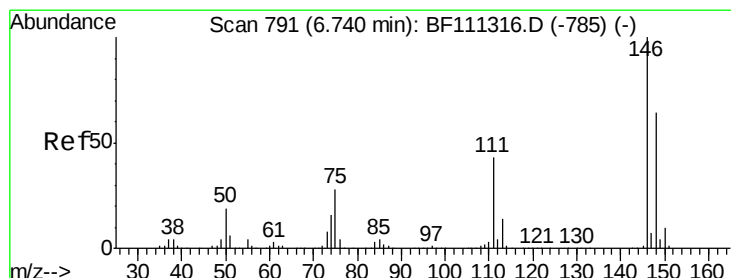
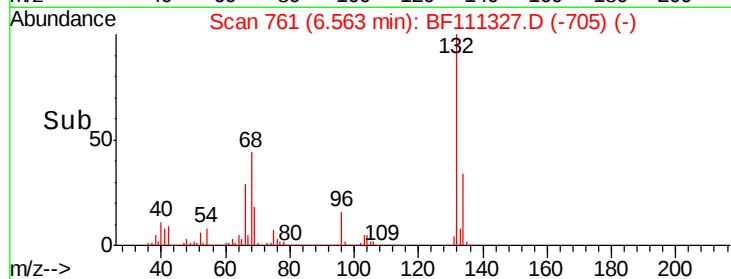
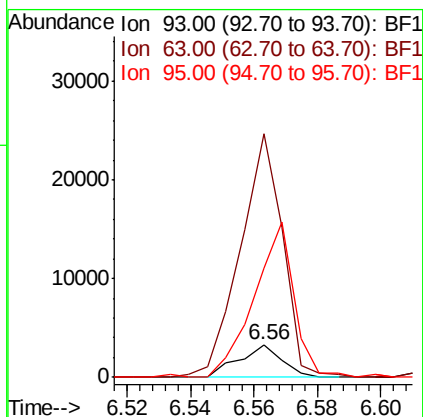
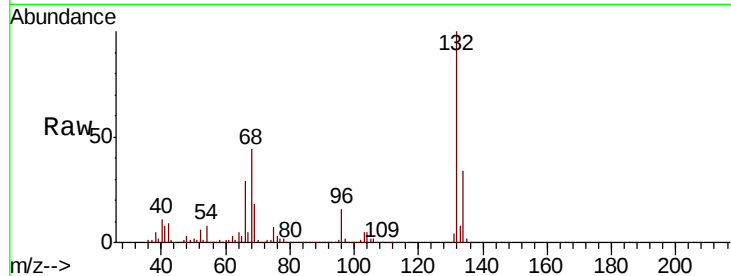




#11
bis(2-Chloroethyl)ether
Concen: 0.144 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

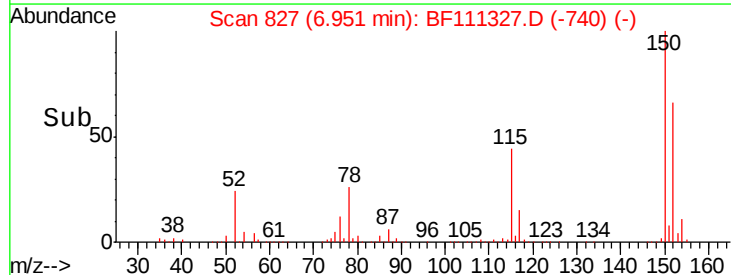
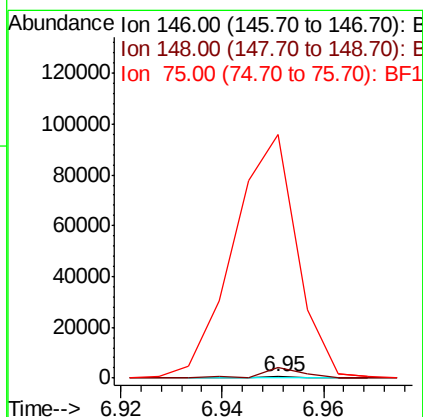
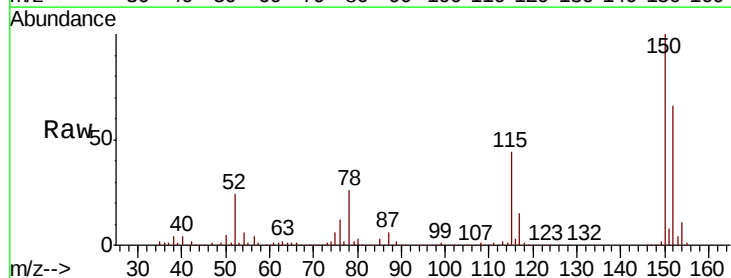
Instrument :
BNA_F
ClientSampleId :
RBR-200027

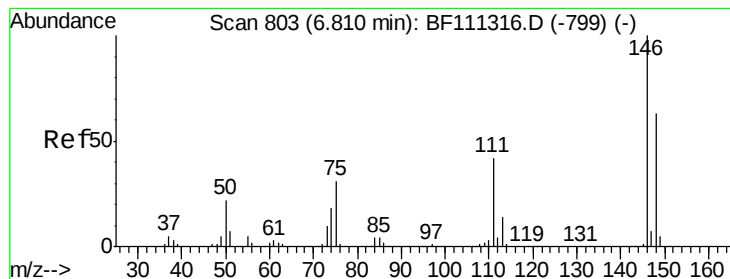
Tgt Ion: 93 Resp: 3114
Ion Ratio Lower Upper
93 100
63 748.1 60.0 100.0#
95 335.0 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.014 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.21 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion: 146 Resp: 344
Ion Ratio Lower Upper
146 100
148 671.8 52.1 78.1#
75 15738.6 23.9 35.9#





#13

1,4-Dichlorobenzene

Concen: 0.014 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

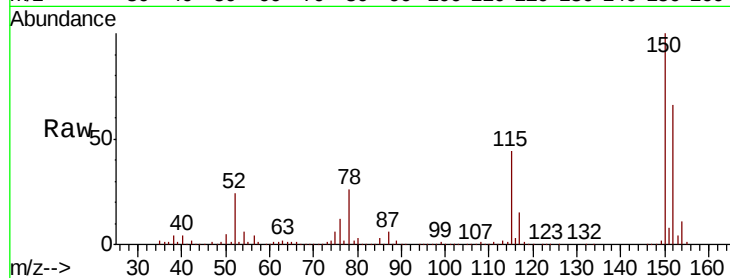
Tgt Ion:146 Resp: 344

Ion Ratio Lower Upper

146 100

148 671.8 52.8 79.2#

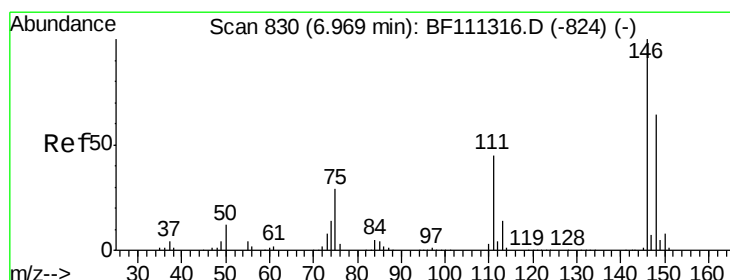
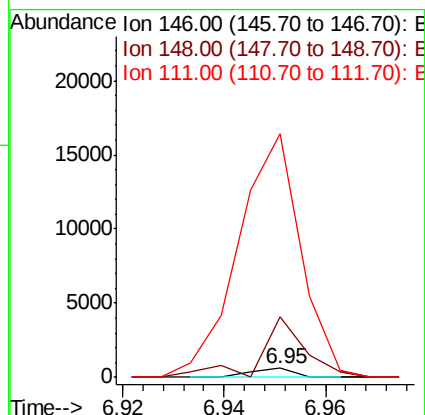
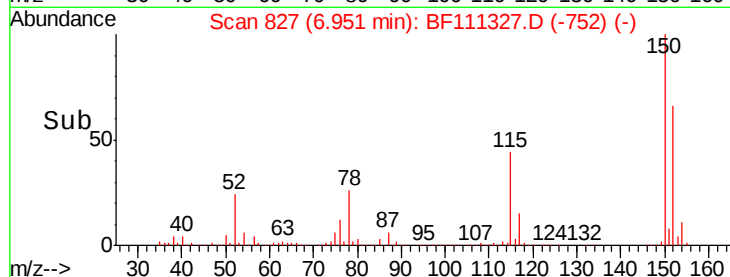
111 2695.6 33.4 50.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

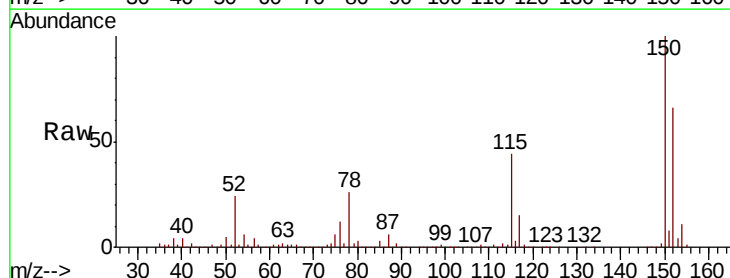
Tgt Ion:146 Resp: 344

Ion Ratio Lower Upper

146 100

148 671.8 51.9 77.9#

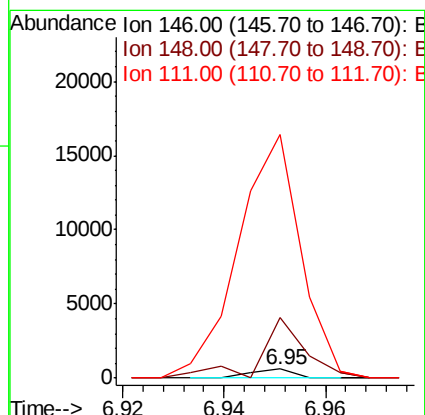
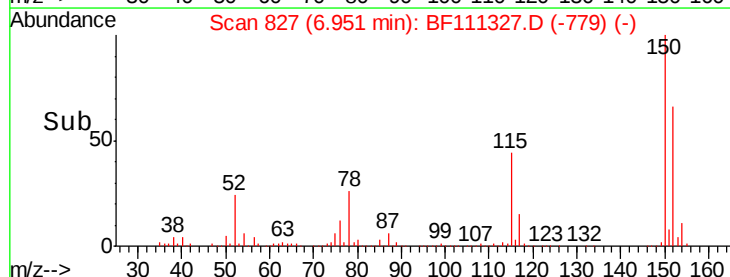
111 2695.6 36.2 54.4#

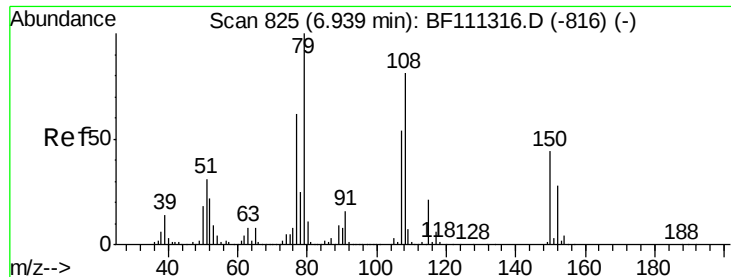


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.536 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

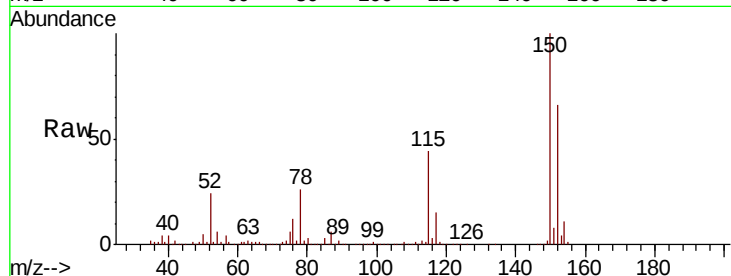
Tgt Ion: 79 Resp: 28559

Ion Ratio Lower Upper

79 100

108 29.7 69.4 104.2#

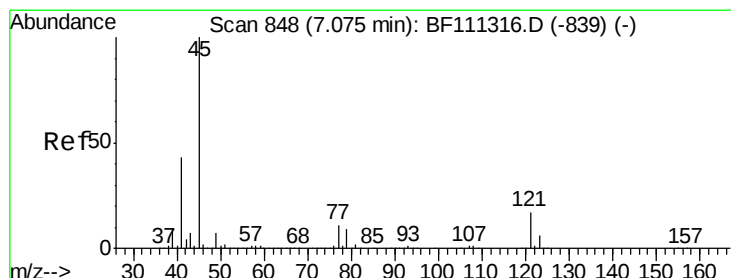
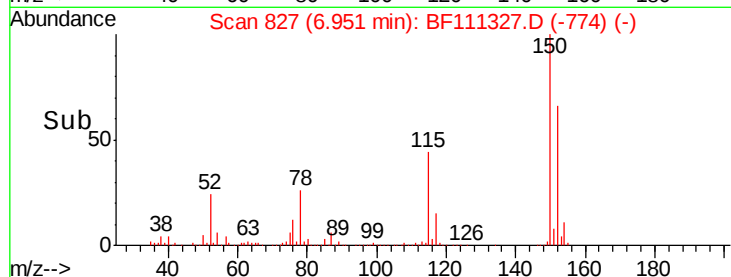
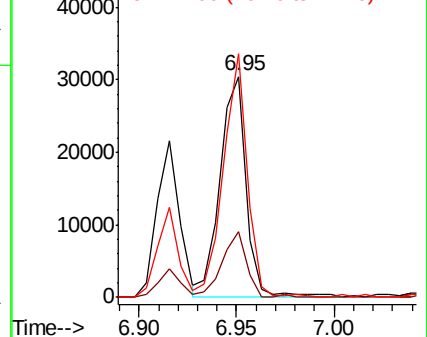
77 110.2 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.023 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.03 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

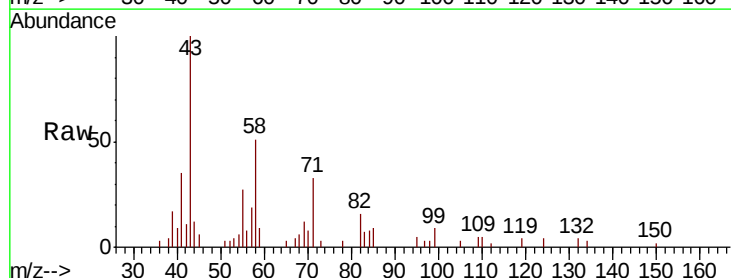
Tgt Ion: 45 Resp: 963

Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

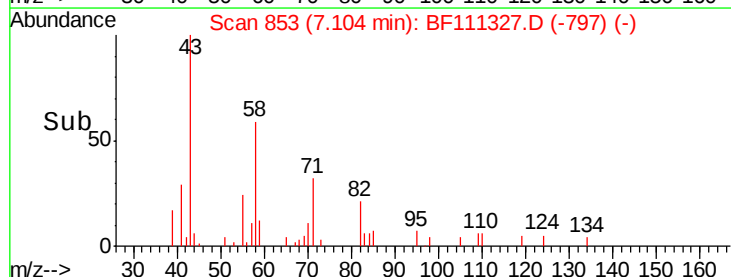
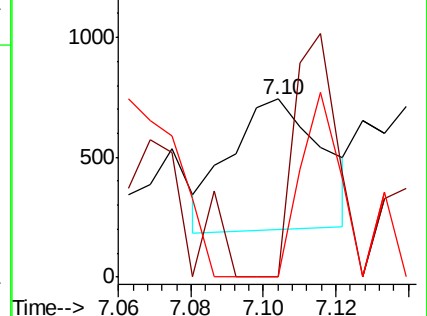
79 0.0 0.0 28.9

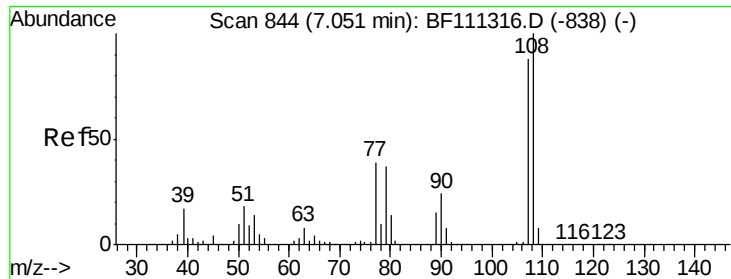


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.581 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.14 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

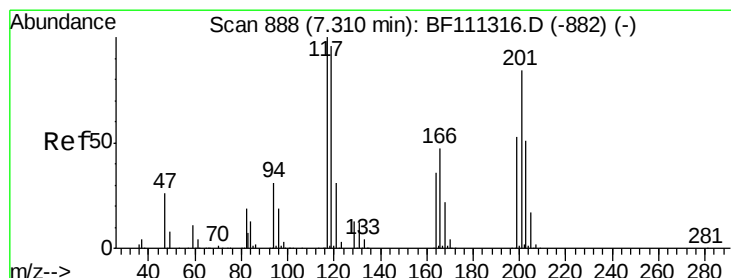
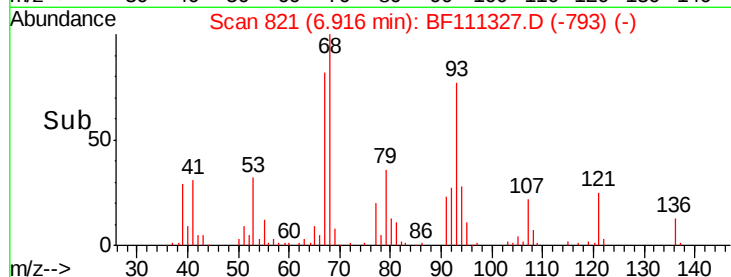
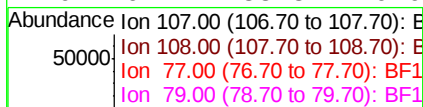
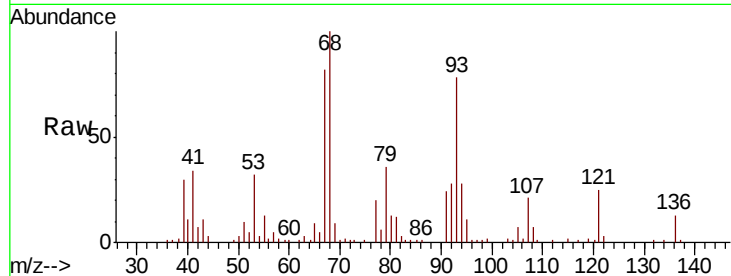
Instrument :

BNA_F

ClientSampleId :

RBR-200027

Tgt Ion:	107	Resp:	10402
Ion	Ratio	Lower	Upper
107	100		
108	30.5	91.0	136.4#
77	95.4	33.5	50.3#
79	167.2	33.3	49.9#



#18

Hexachloroethane

Concen: 0.016 ng

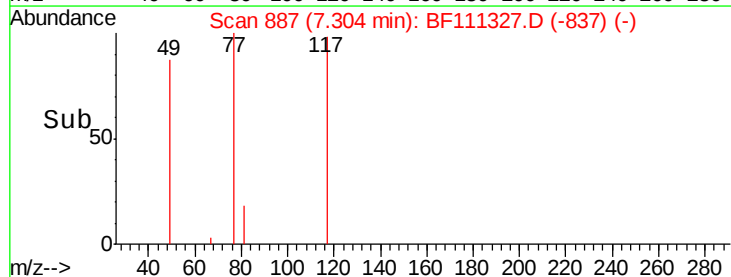
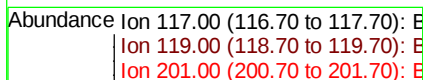
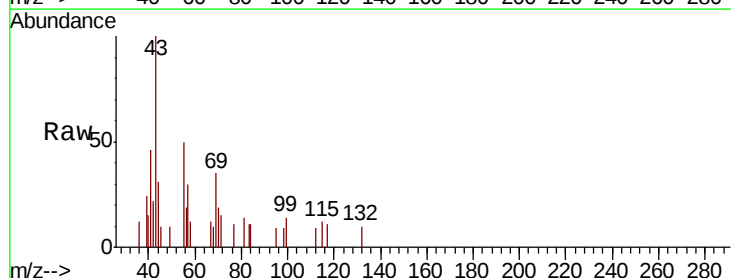
RT: 7.30 min Scan# 887

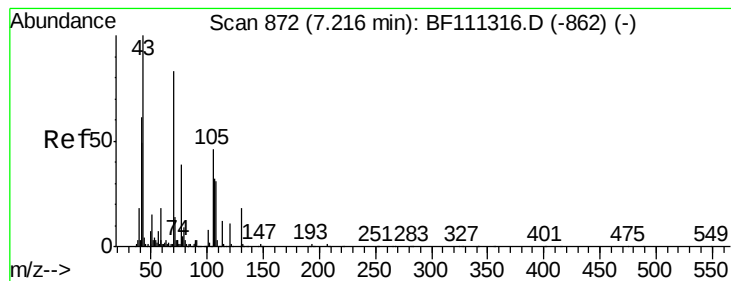
Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion:	117	Resp:	142
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
201	0.0	62.4	93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 13.179 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

Tgt Ion: 70 Resp: 212685

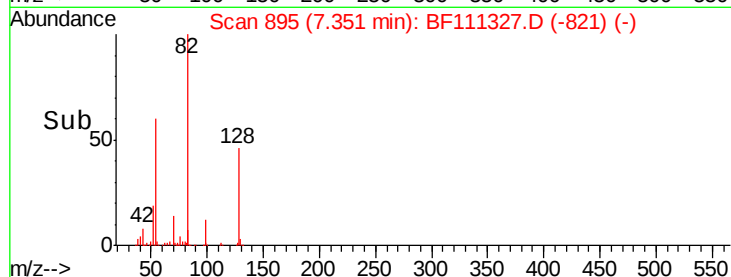
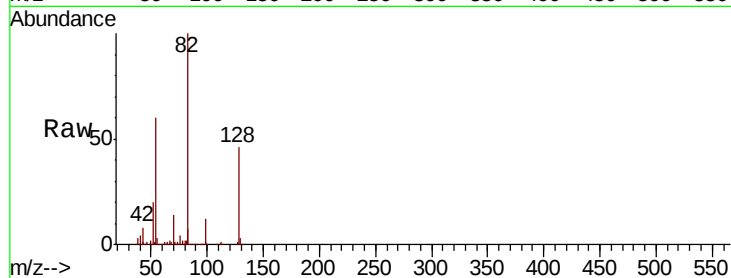
Ion Ratio Lower Upper

70 100

42 56.8 53.2 79.8

101 0.0 8.2 12.4#

130 2.0 18.1 27.1#

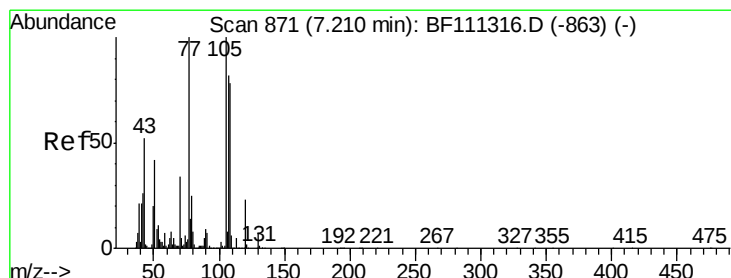
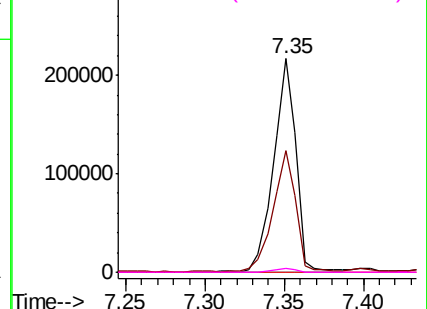


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 0.073 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion: 107 Resp: 1568

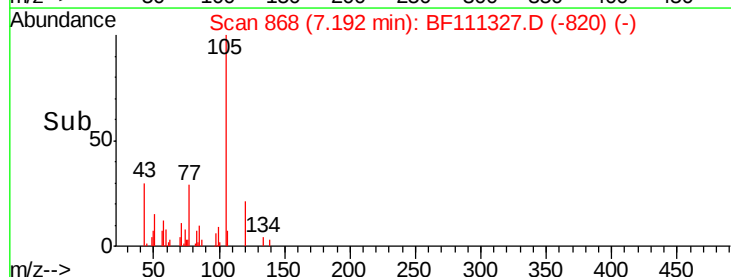
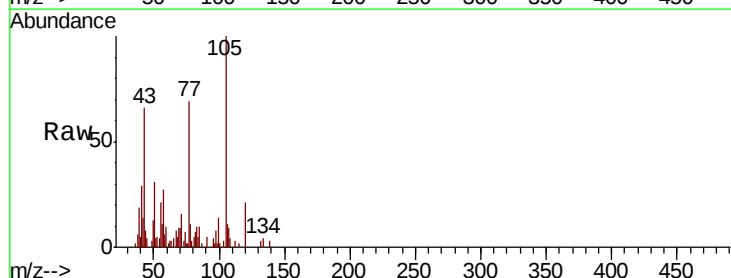
Ion Ratio Lower Upper

107 100

108 41.7 72.1 112.1#

77 811.8 94.1 134.1#

79 32.7 9.8 49.8

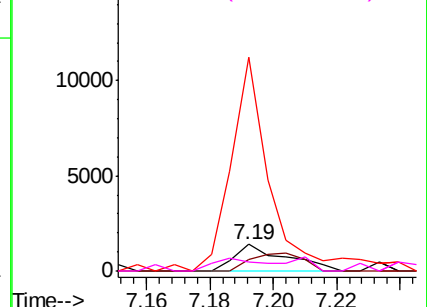


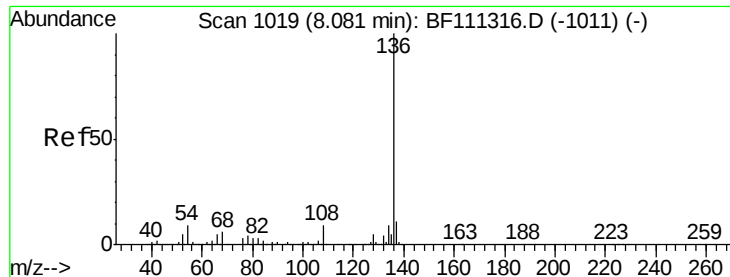
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

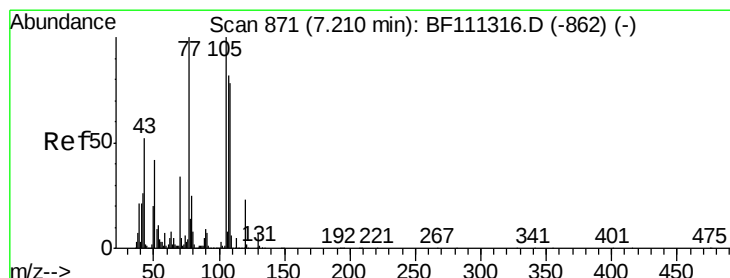
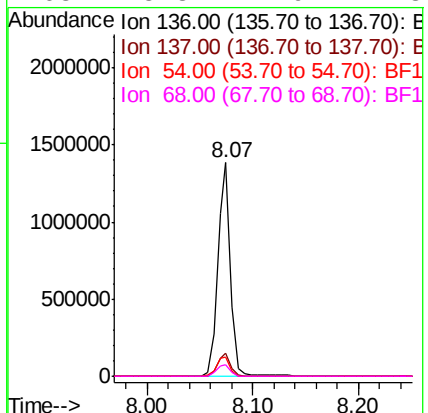
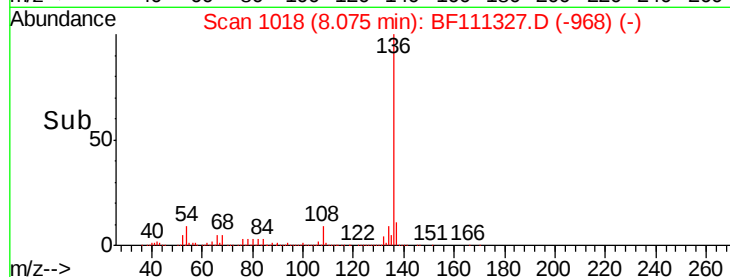
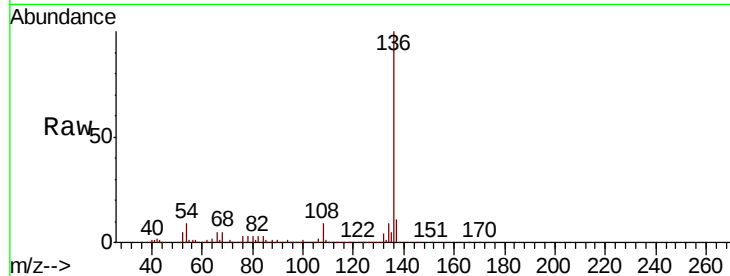




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

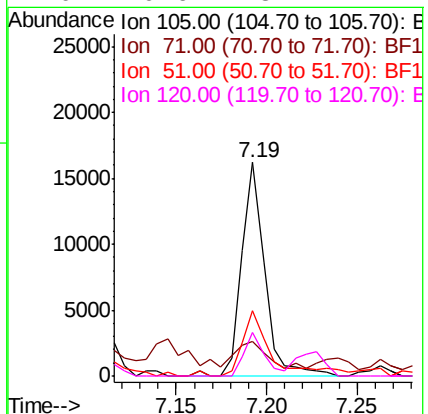
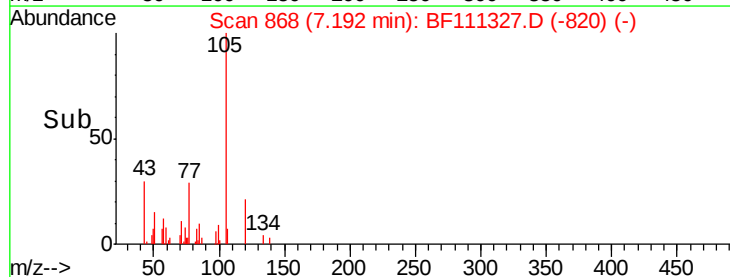
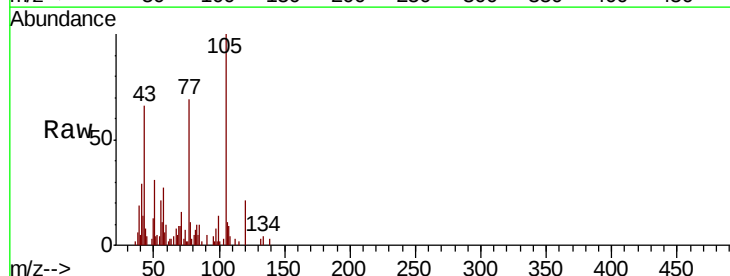
Instrument :
BNA_F
ClientSampleId :
RBR-200027

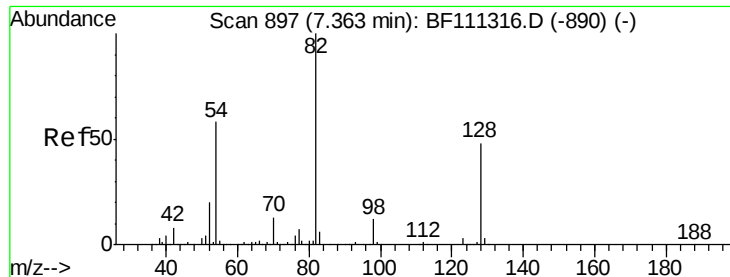
Tgt Ion:	136	Resp:	1171324
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 0.529 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:	105	Resp:	14400
Ion	Ratio	Lower	Upper
105	100		
71	16.1	3.1	4.7#
51	30.9	36.6	54.8#
120	20.6	18.2	27.4

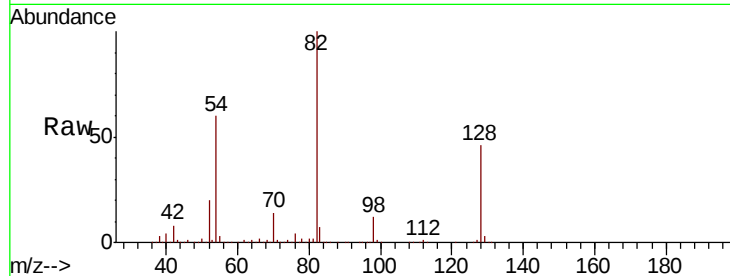




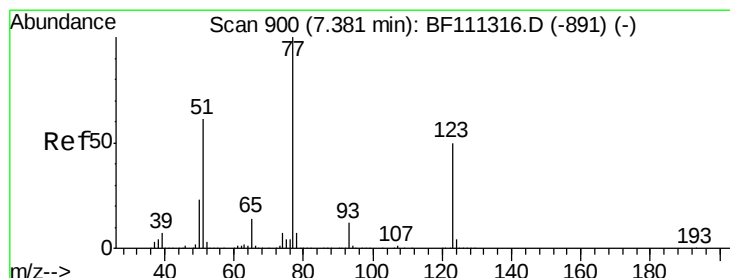
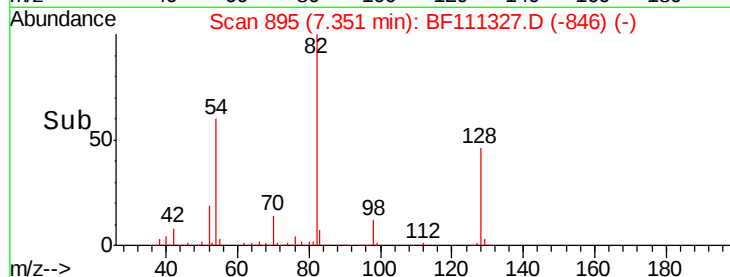
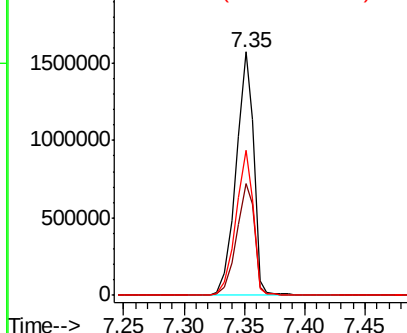
#23
 Nitrobenzene-d5
 Concen: 77.430 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tgt Ion: 82 Resp: 1609117
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.4 56.2
 54 59.8 47.6 71.4

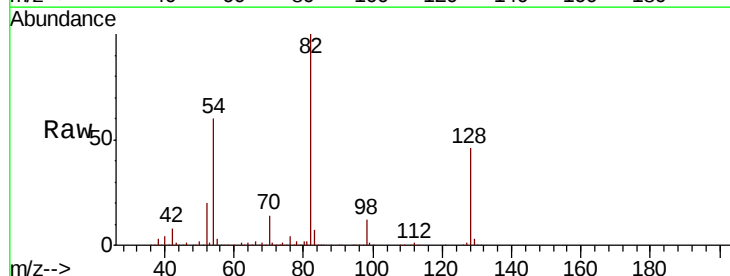


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

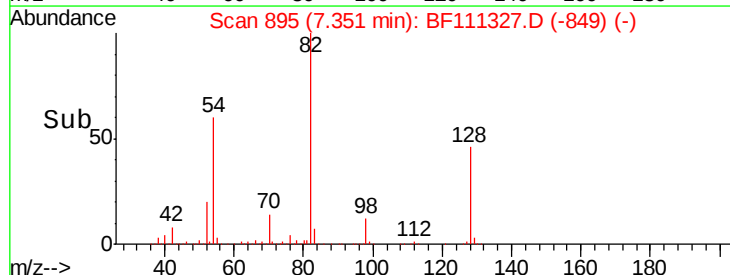
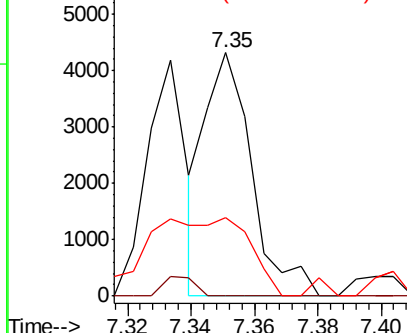


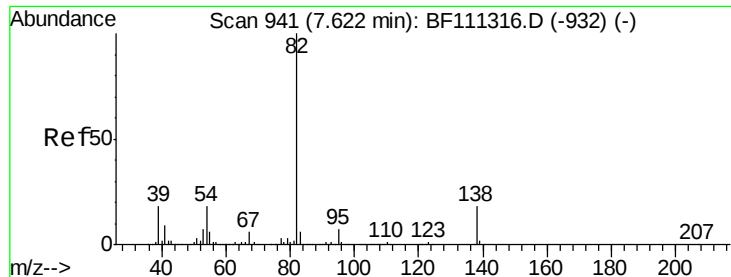
#24
 Nitrobenzene
 Concen: 0.207 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.03 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion: 77 Resp: 4428
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.2 55.8#
 65 32.0 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.865 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

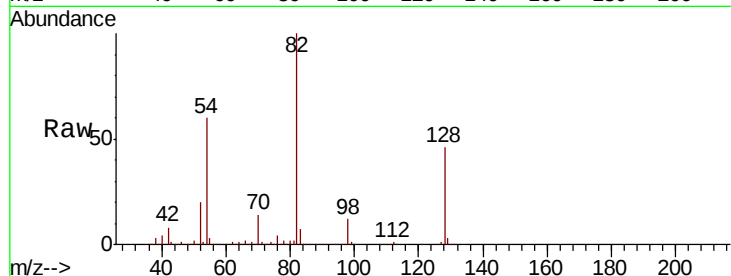
Tgt Ion: 82 Resp: 1583750

Ion Ratio Lower Upper

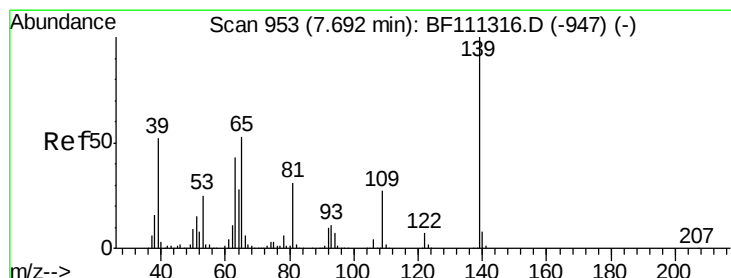
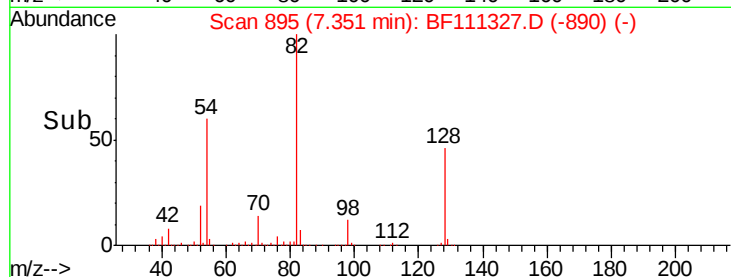
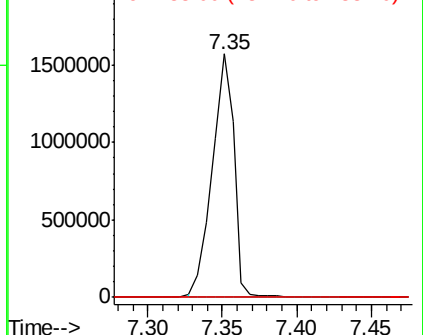
82 100

95 0.1 5.4 8.2#

138 0.0 15.1 22.7#



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



#26

2-Nitrophenol

Concen: 0.012 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

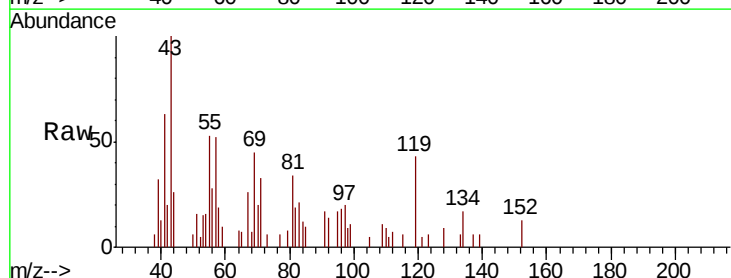
Tgt Ion: 139 Resp: 122

Ion Ratio Lower Upper

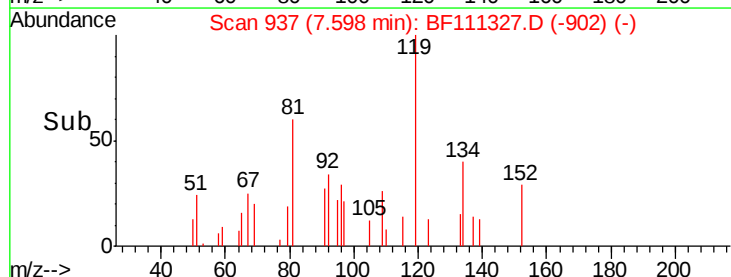
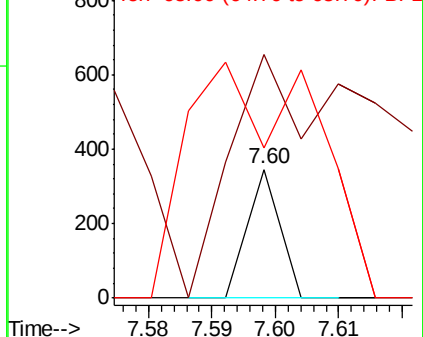
139 100

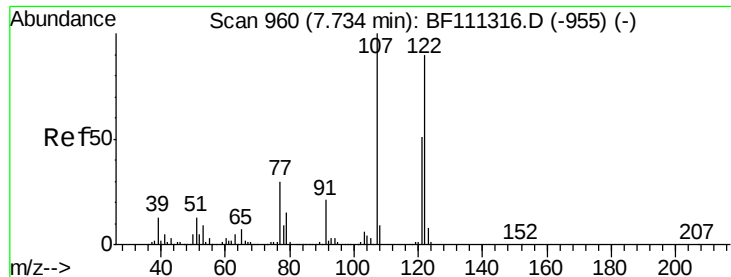
109 189.6 20.2 30.4#

65 116.8 40.7 61.1#



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.023 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampled :

RBR-200027

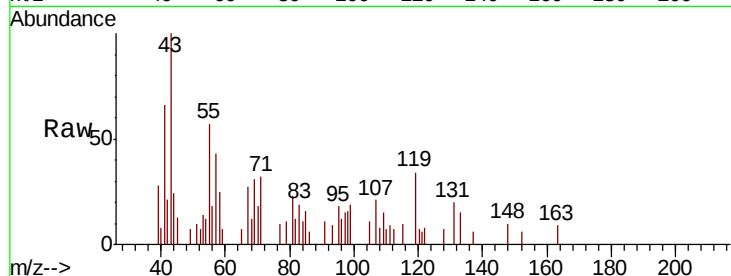
Tgt Ion:122 Resp: 371

Ion Ratio Lower Upper

122 100

107 274.6 85.5 128.3#

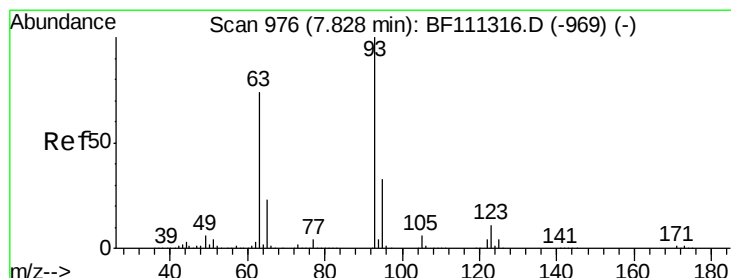
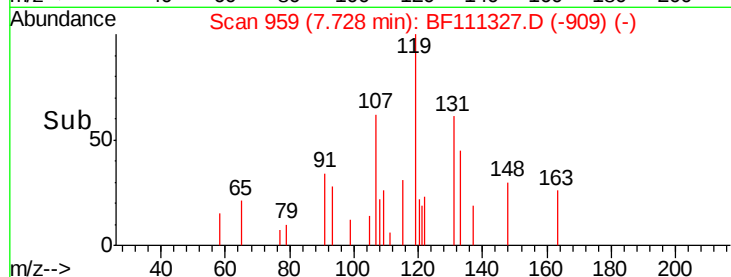
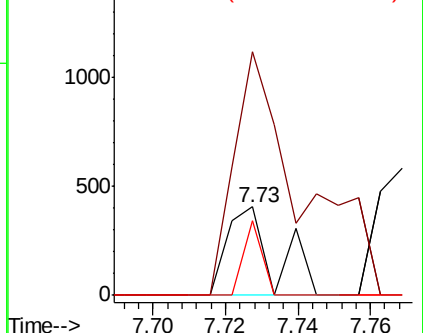
121 84.5 46.6 70.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.035 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

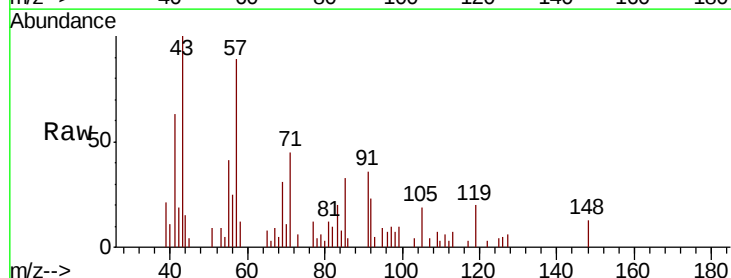
Tgt Ion: 93 Resp: 847

Ion Ratio Lower Upper

93 100

95 200.2 27.1 40.7#

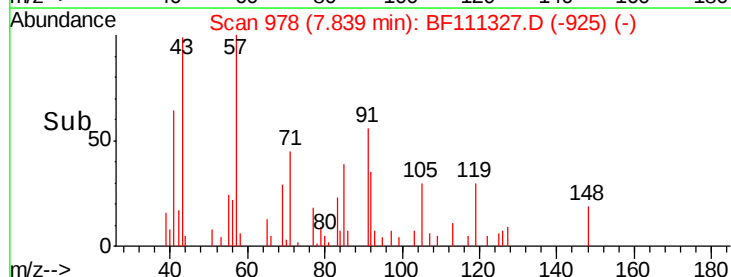
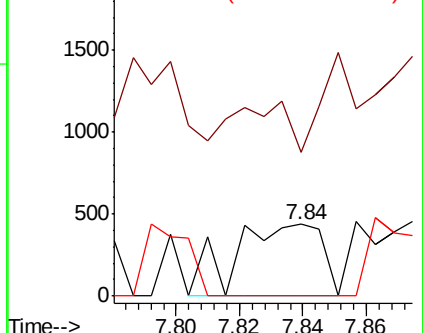
123 0.0 9.9 14.9#

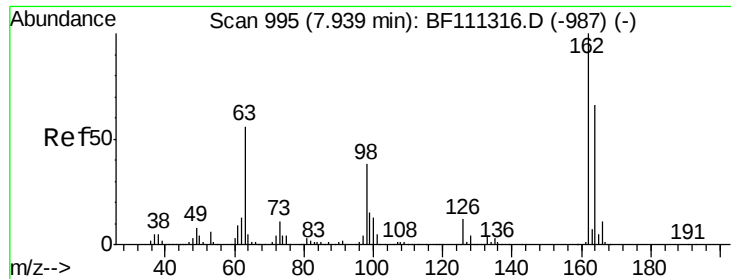


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

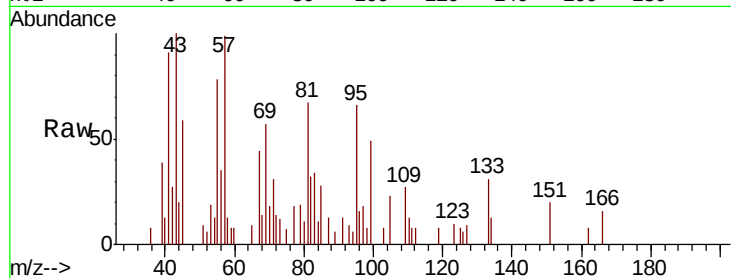




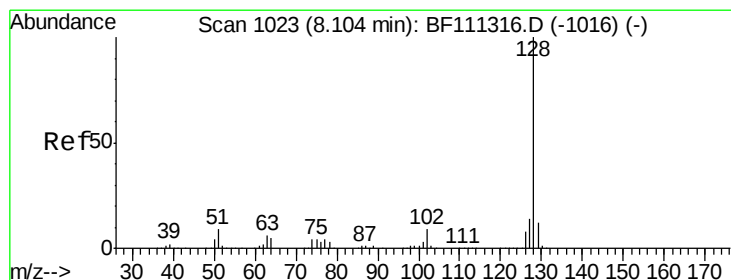
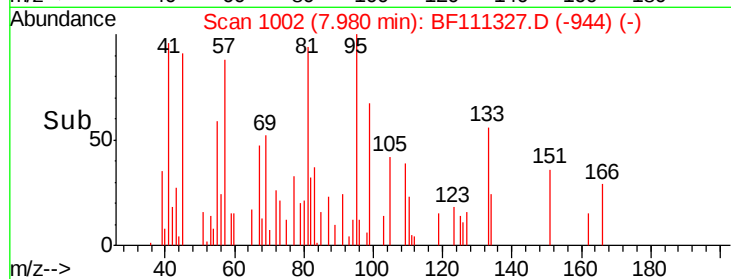
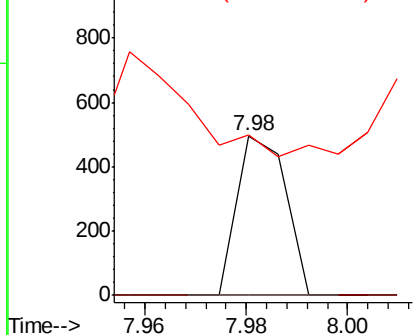
#29
2,4-Dichlorophenol
Concen: 0.020 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.04 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tgt Ion:162 Resp: 330
Ion Ratio Lower Upper
162 100
164 0.0 44.4 84.4#
98 100.2 20.3 60.3#

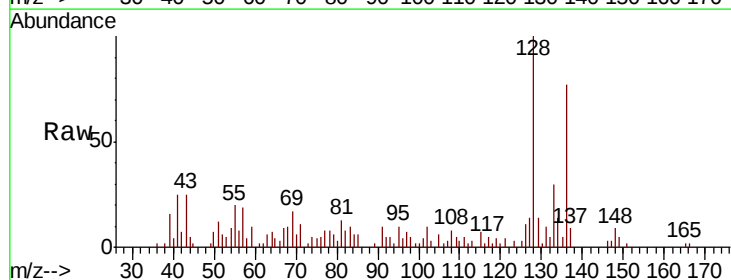


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

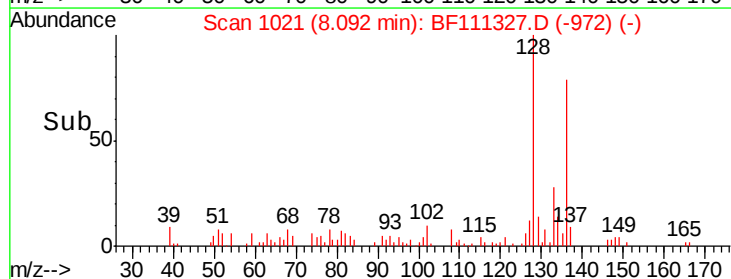
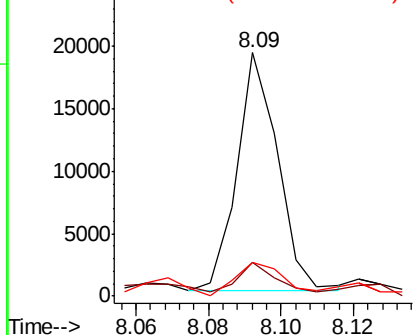


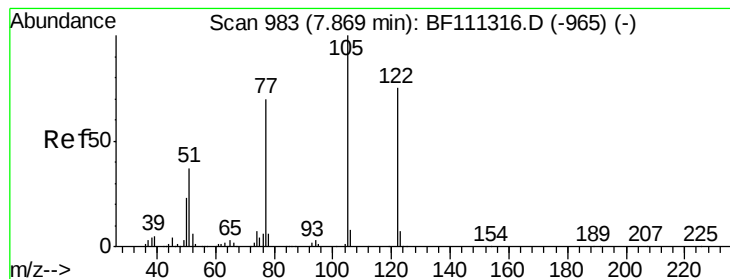
#31
Naphthalene
Concen: 0.274 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:128 Resp: 14931
Ion Ratio Lower Upper
128 100
129 13.8 9.8 14.8
127 14.0 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.022 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

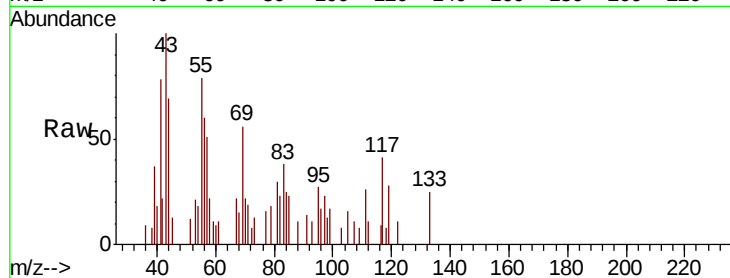
Tgt Ion:122 Resp: 294

Ion Ratio Lower Upper

122 100

105 145.2 97.0 137.0#

77 147.1 65.7 105.7#

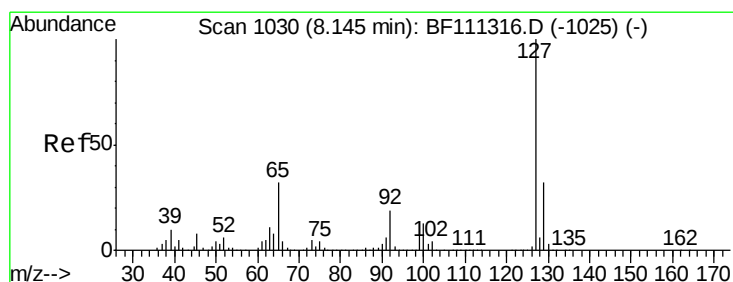
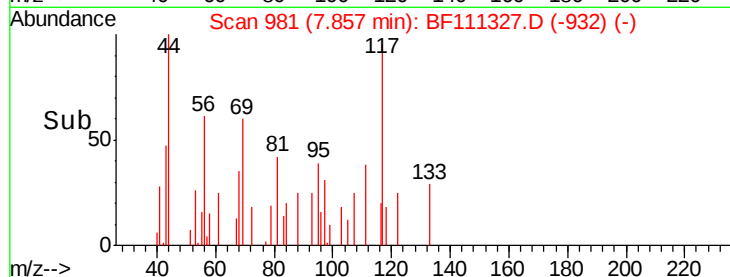
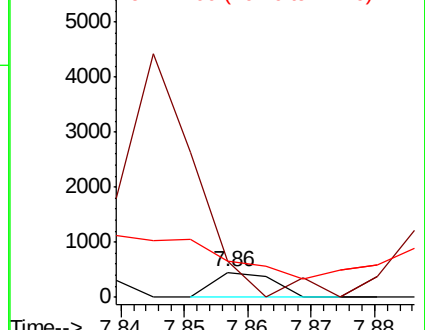


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.037 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion:127 Resp: 866

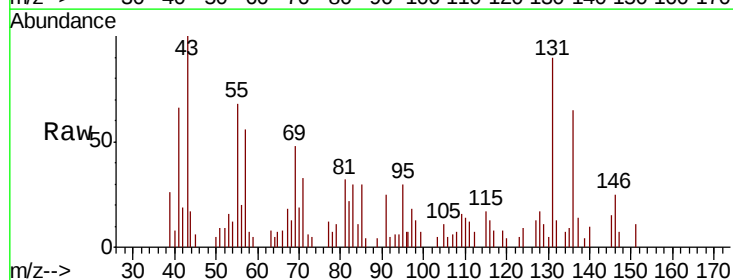
Ion Ratio Lower Upper

127 100

129 82.9 26.6 39.8#

65 53.7 25.7 38.5#

92 37.0 15.4 23.2#



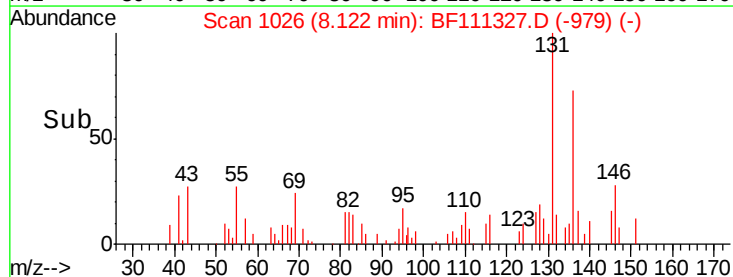
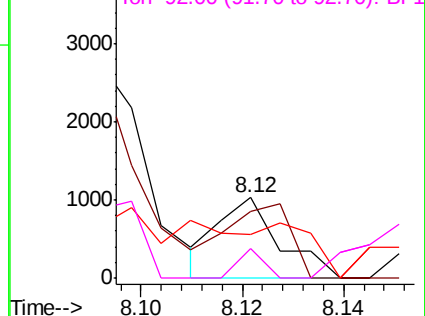
Abundance

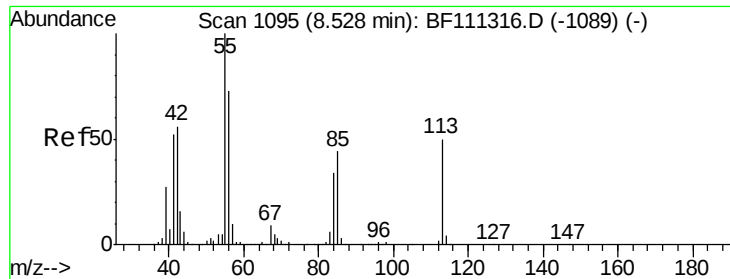
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.411 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

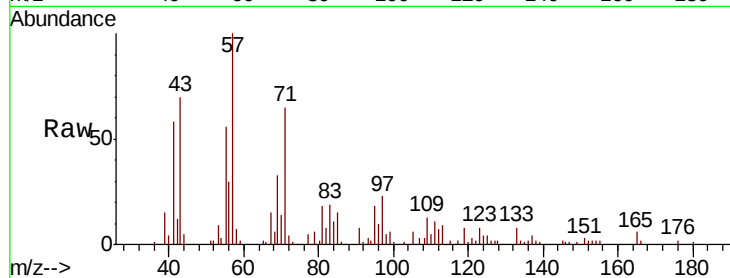
Tgt Ion:113 Resp: 2400

Ion Ratio Lower Upper

113 100

55 615.3 184.1 224.1#

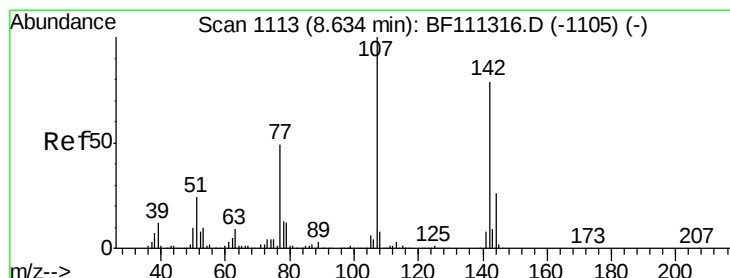
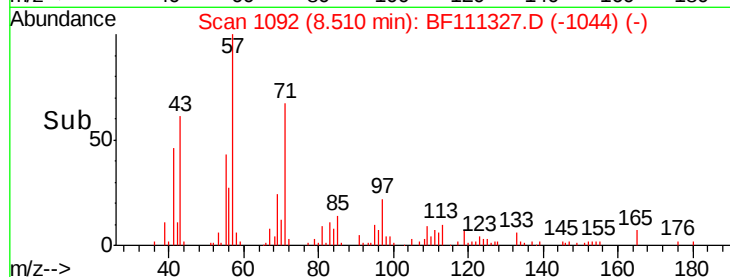
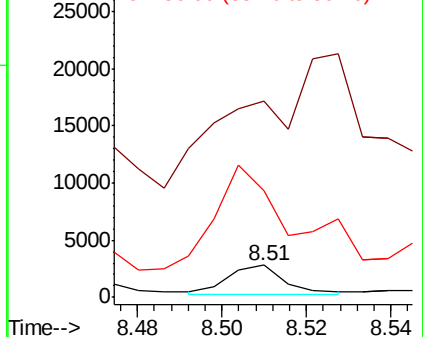
56 332.6 126.0 166.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.031 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

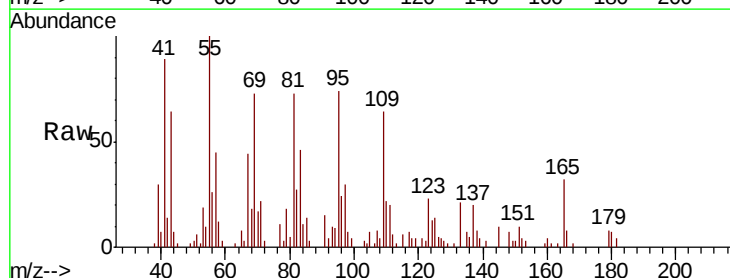
Tgt Ion:107 Resp: 549

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.6#

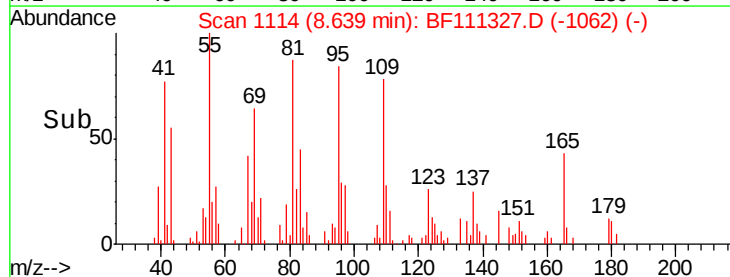
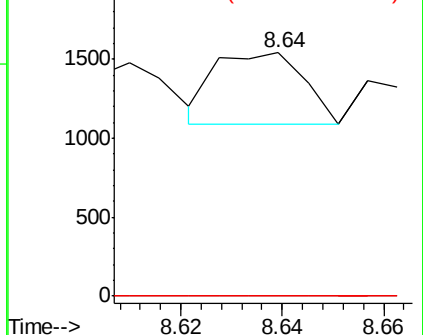
142 0.0 62.3 93.5#

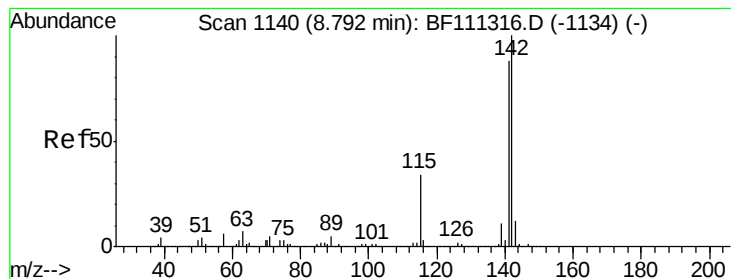


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.594 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

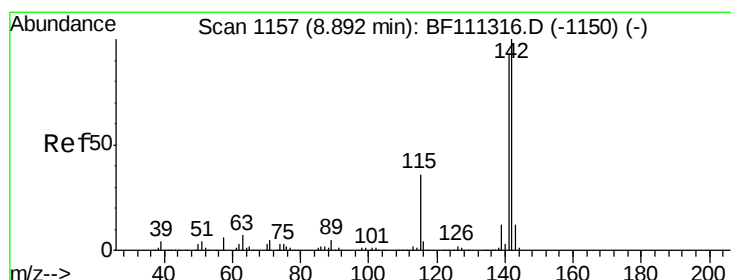
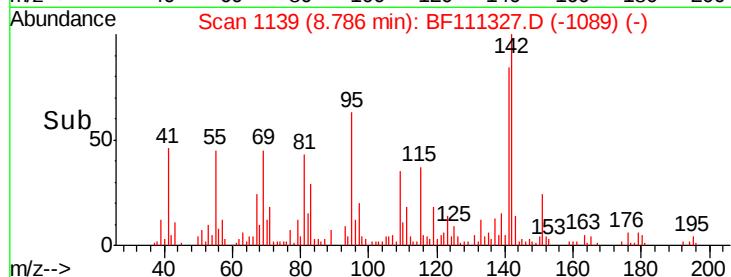
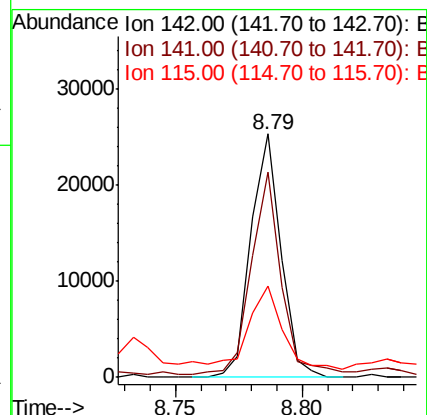
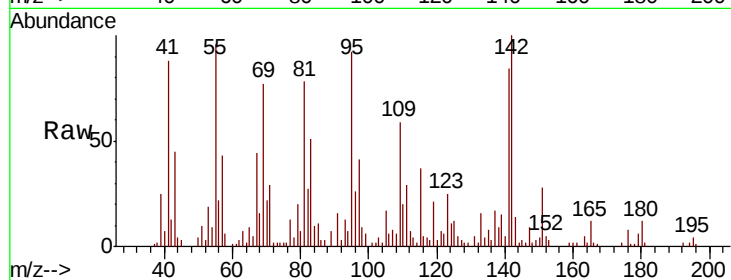
Tgt Ion:142 Resp: 20949

Ion Ratio Lower Upper

142 100

141 84.1 70.6 105.8

115 37.3 27.0 40.6



#38

1-Methylnaphthalene

Concen: 0.387 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

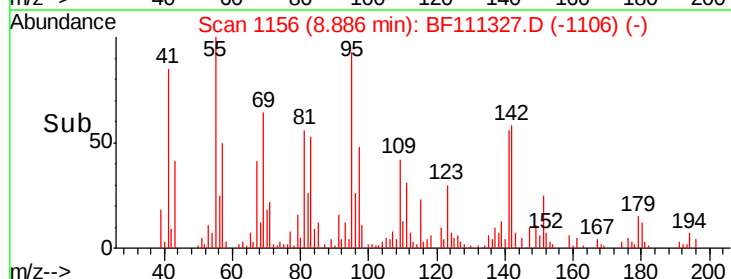
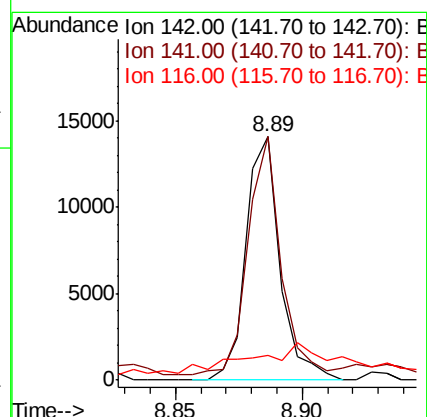
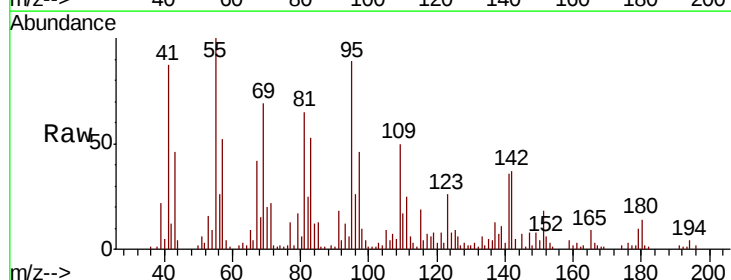
Tgt Ion:142 Resp: 13161

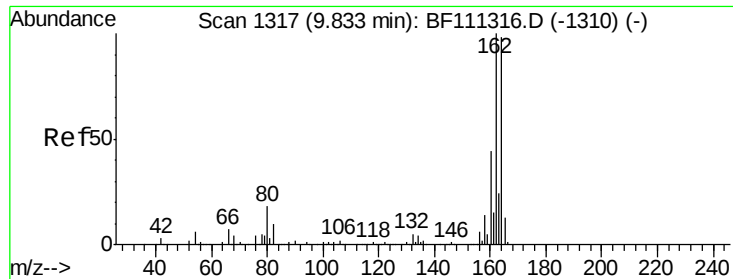
Ion Ratio Lower Upper

142 100

141 99.9 74.2 111.4

116 10.0 2.9 4.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

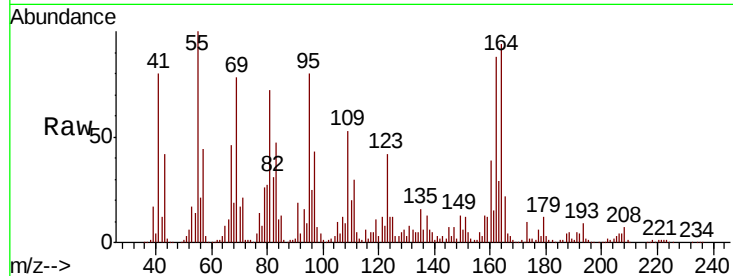
Tgt Ion:164 Resp: 456866

Ion Ratio Lower Upper

164 100

162 93.5 81.4 122.0

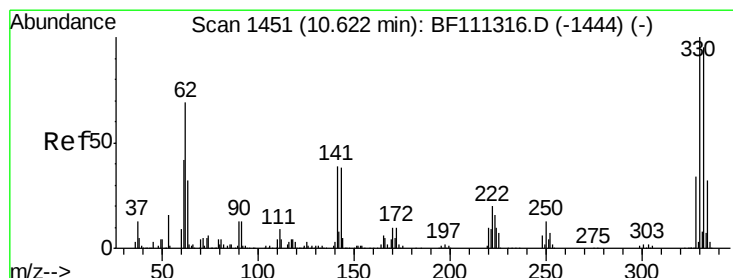
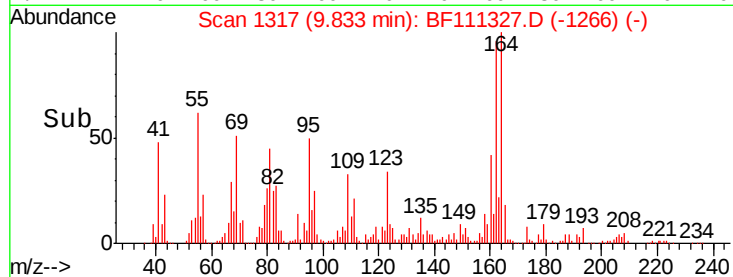
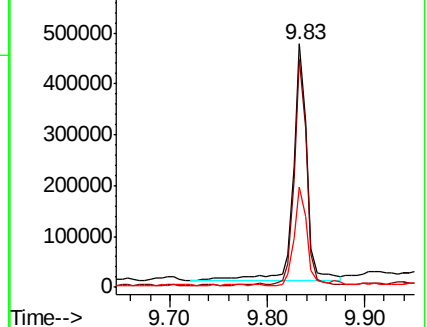
160 41.1 35.7 53.5



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: 56.687 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

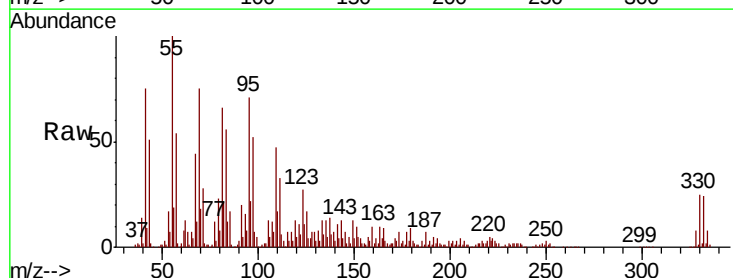
Tgt Ion:330 Resp: 228297

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

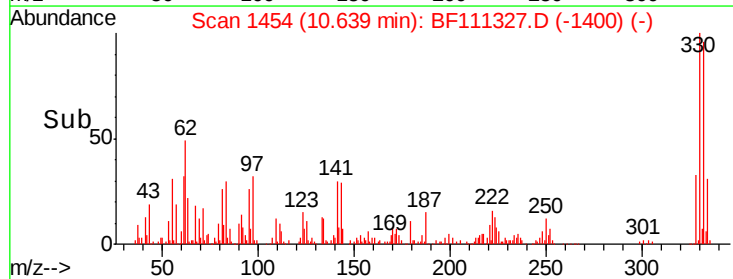
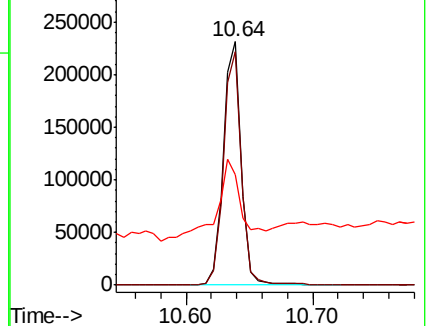
141 39.6 31.0 46.6

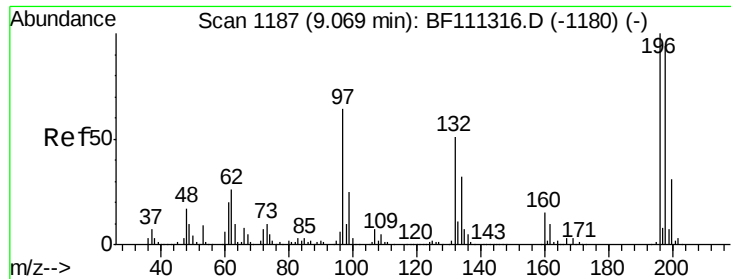


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

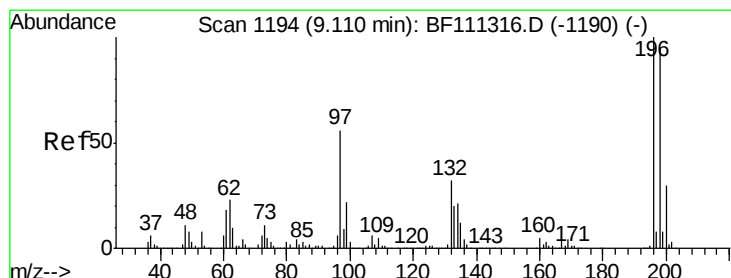
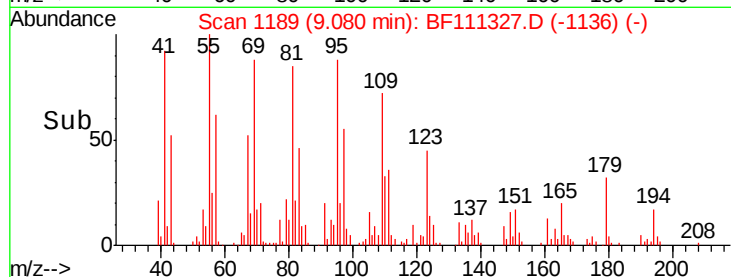
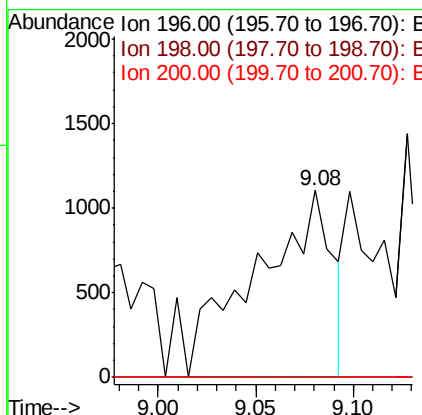
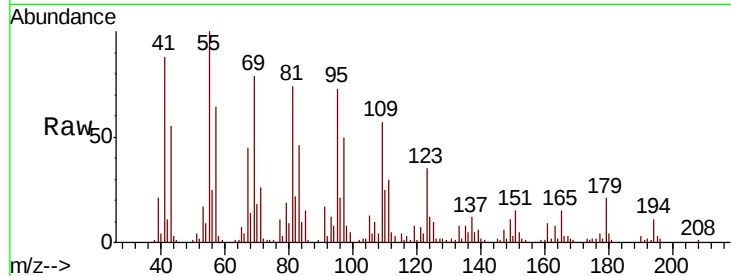




#43
 2,4,6-Trichlorophenol
 Concen: 0.323 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

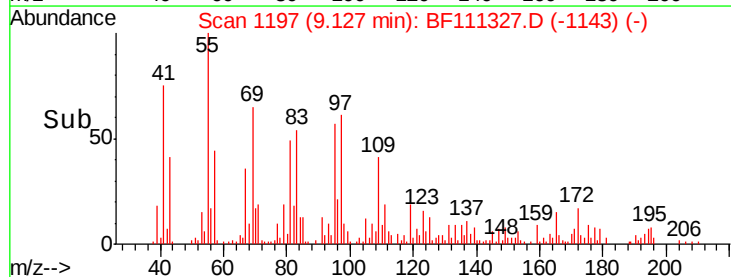
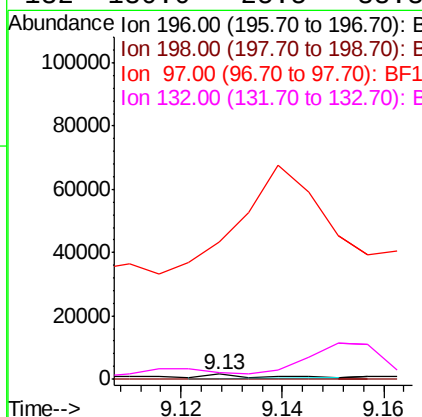
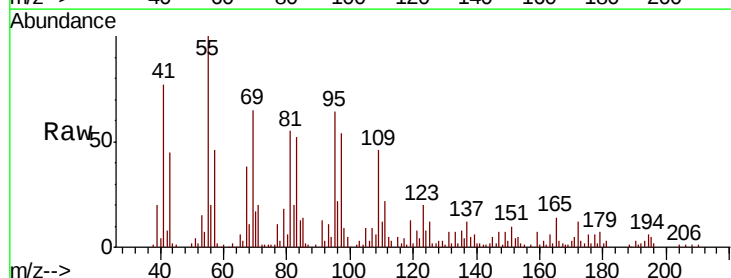
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

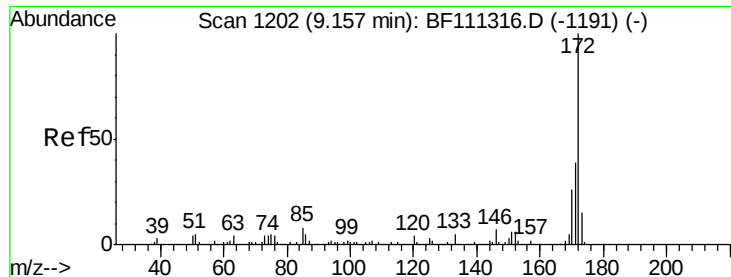
Tgt Ion:196 Resp: 2968
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.9 37.3#



#44
 2,4,5-Trichlorophenol
 Concen: 0.109 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:196 Resp: 1057
 Ion Ratio Lower Upper
 196 100
 198 0.0 72.9 109.3#
 97 3020.4 45.3 67.9#
 132 130.0 25.5 38.3#

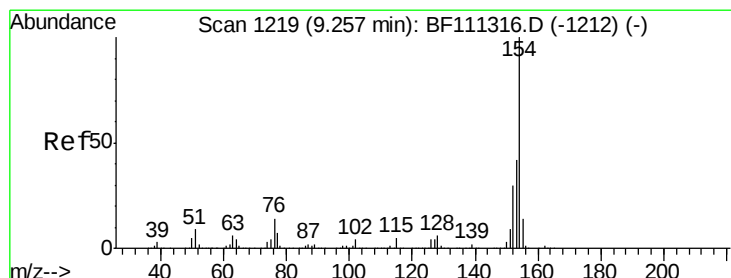
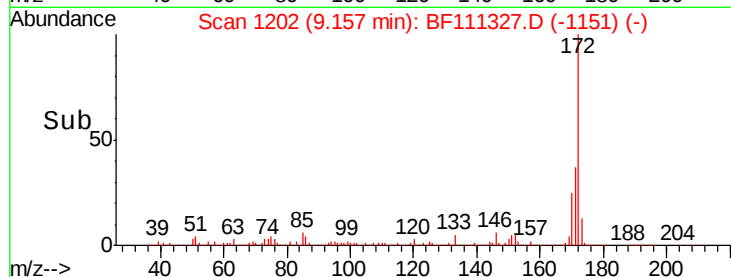
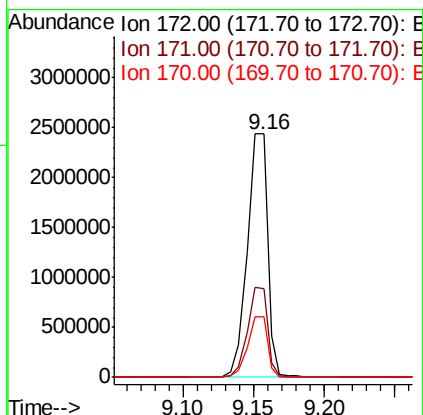
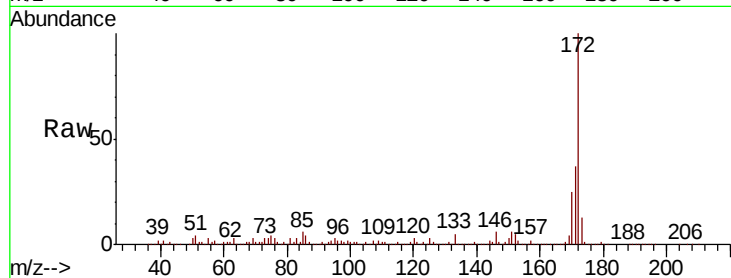




#45
2-Fluorobiphenyl
Concen: 87.145 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

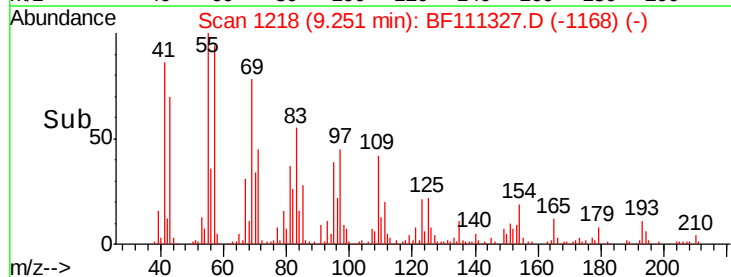
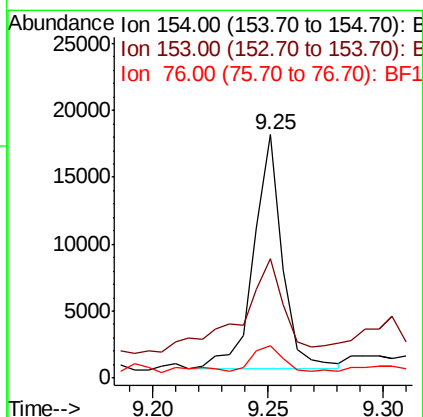
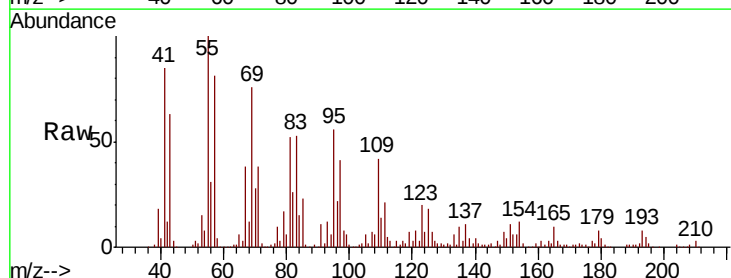
Instrument :
BNA_F
ClientSampleId :
RBR-200027

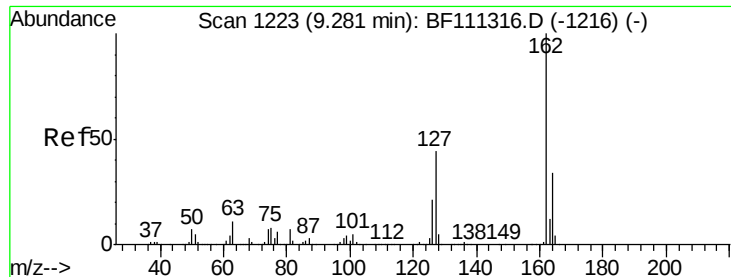
Tgt Ion:172 Resp: 2479843
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.9 22.3 33.5



#46
1,1'-Biphenyl
Concen: 0.395 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:154 Resp: 15405
Ion Ratio Lower Upper
154 100
153 49.3 23.7 63.7
76 13.6 0.0 35.0

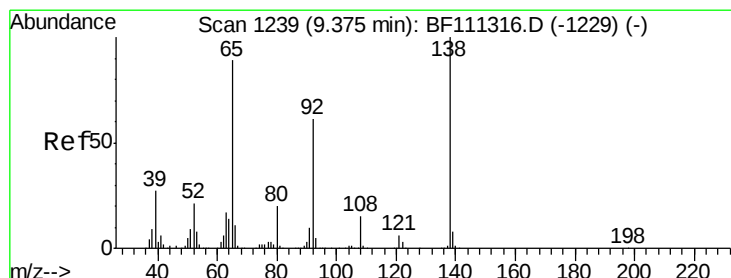
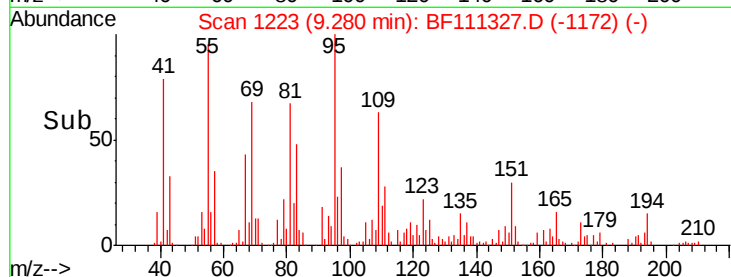
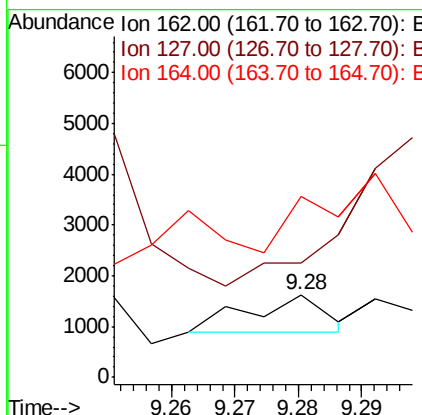
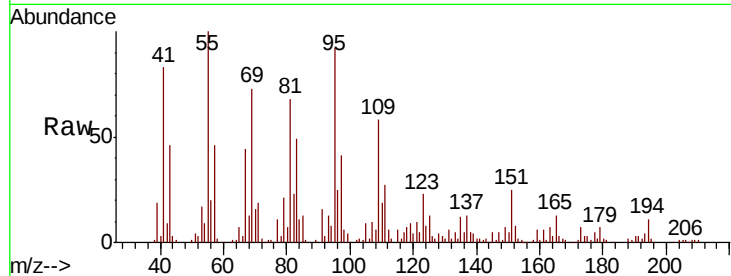




#47
2-Chloronaphthalene
Concen: 0.021 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

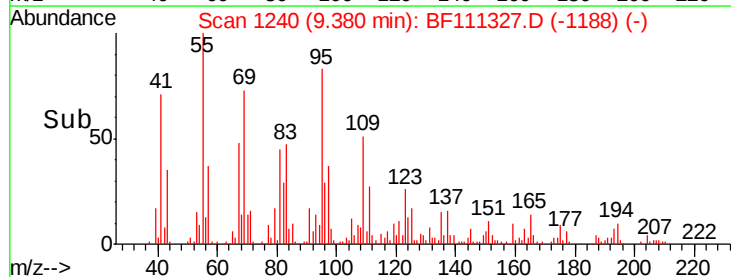
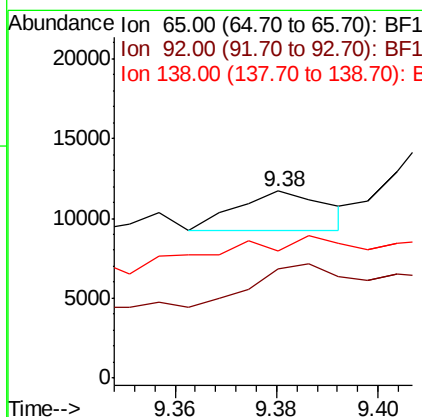
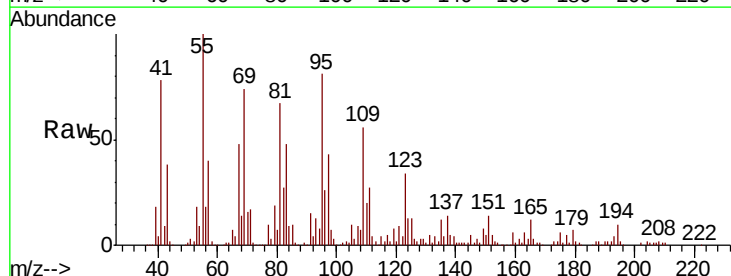
Instrument :
BNA_F
ClientSampleId :
RBR-200027

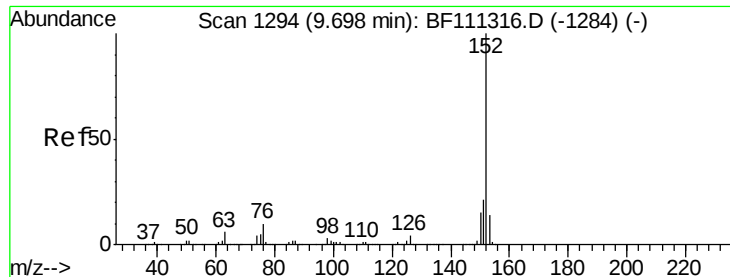
Tgt Ion: 162 Resp: 638
Ion Ratio Lower Upper
162 100
127 138.1 35.0 52.4#
164 219.5 28.4 42.6#



#48
2-Nitroaniline
Concen: 0.320 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion: 65 Resp: 3109
Ion Ratio Lower Upper
65 100
92 58.5 53.5 80.3
138 68.3 80.9 121.3#





#49

Acenaphthylene

Concen: 0.500 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

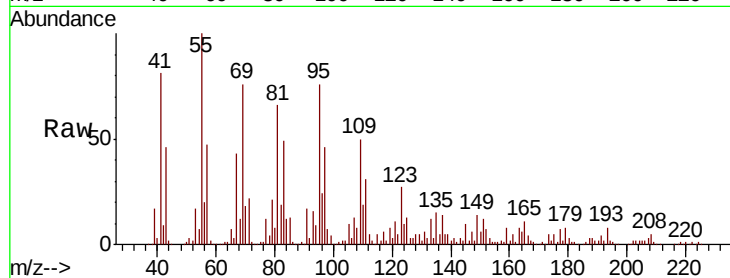
Tgt Ion:152 Resp: 21806

Ion Ratio Lower Upper

152 100

151 184.0 18.0 27.0#

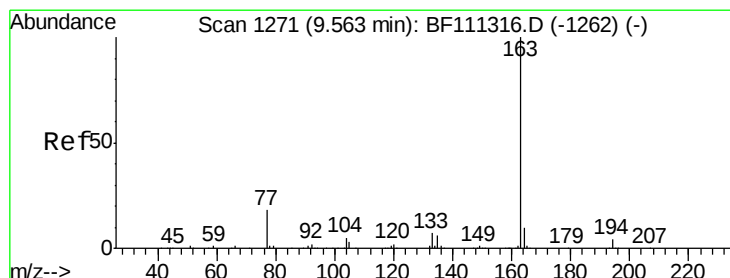
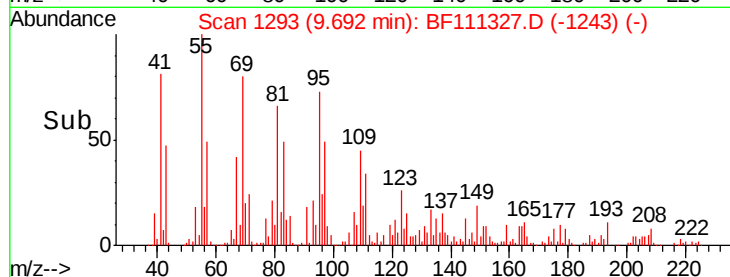
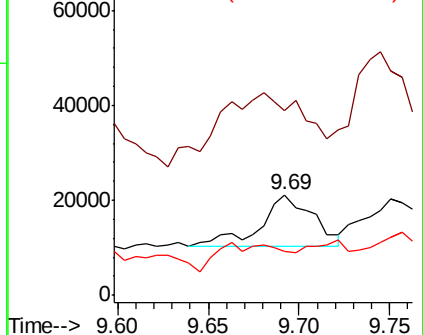
153 44.2 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.639 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

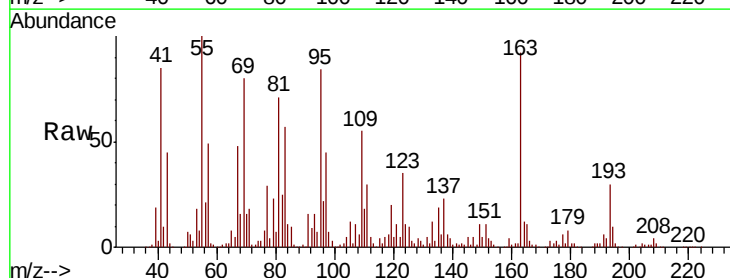
Tgt Ion:163 Resp: 185268

Ion Ratio Lower Upper

163 100

194 10.8 3.0 4.6#

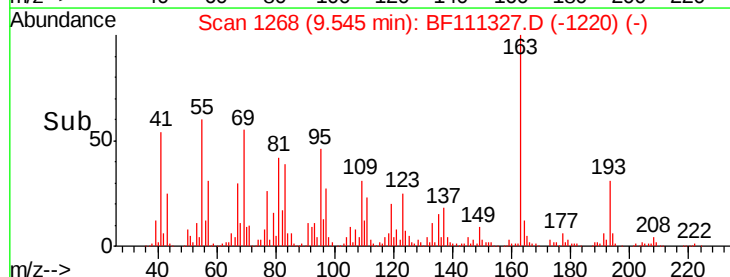
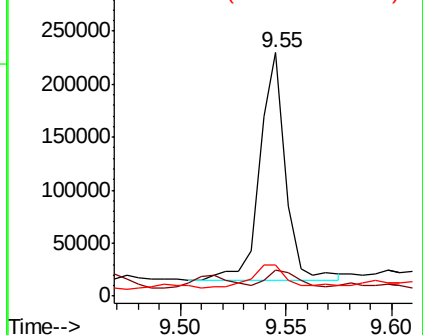
164 12.9 8.9 13.3

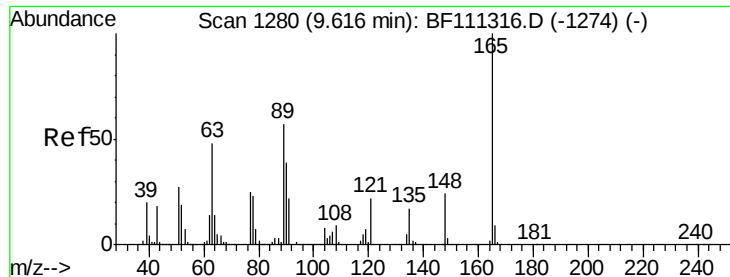


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

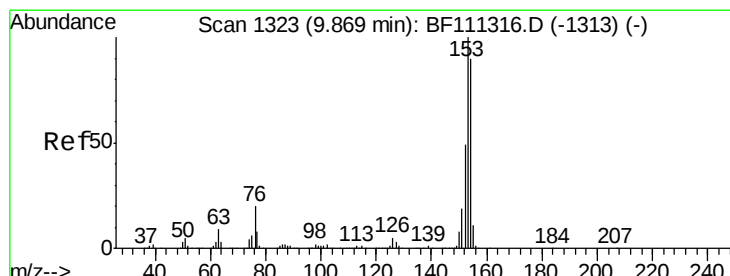
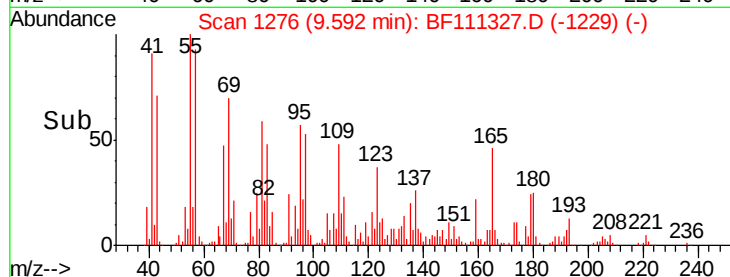
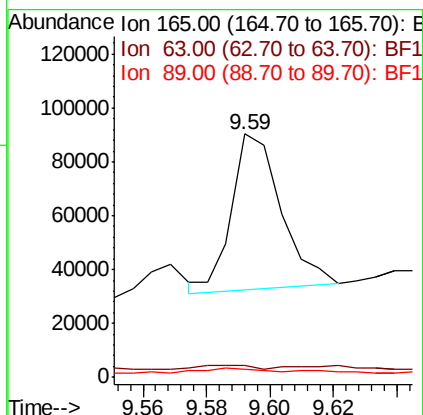
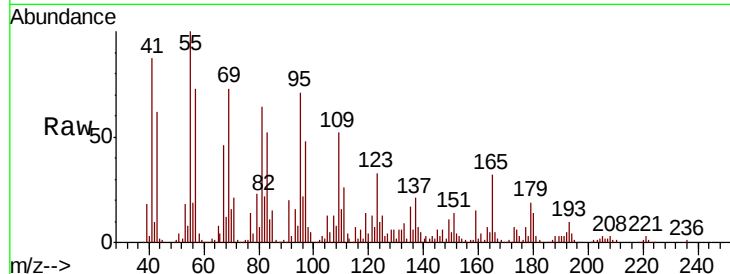




#51
 2,6-Dinitrotoluene
 Concen: 8.685 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

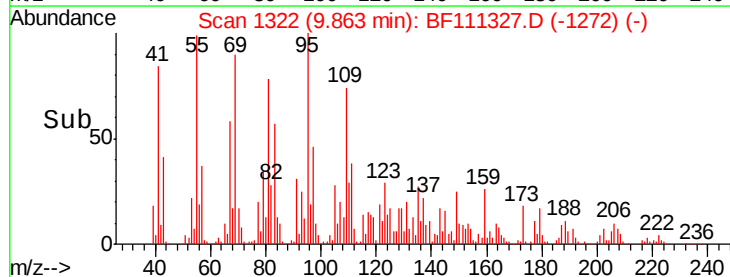
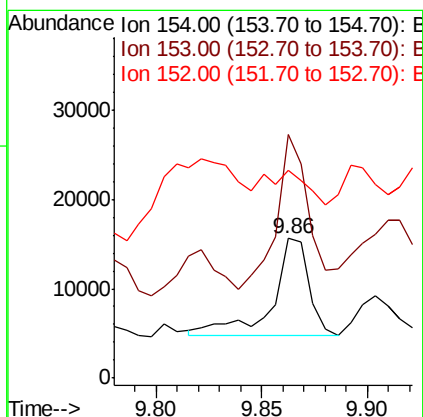
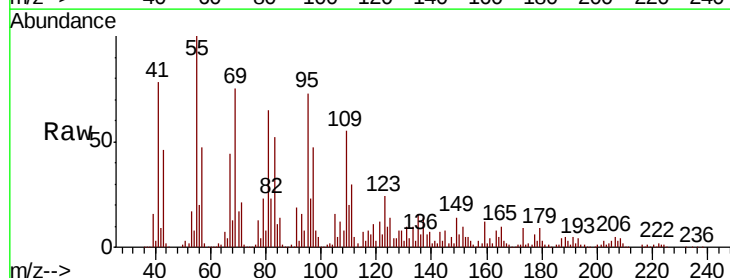
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

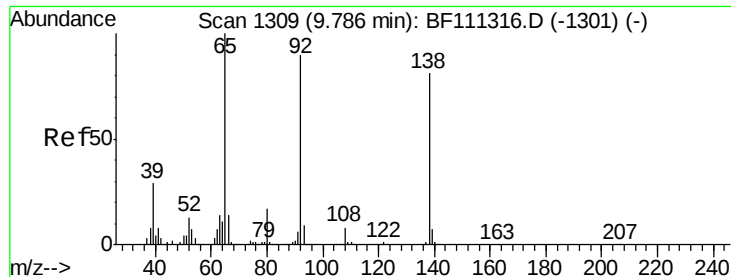
Tgt Ion:165 Resp: 63249
 Ion Ratio Lower Upper
 165 100
 63 4.8 40.5 60.7#
 89 3.2 40.0 60.0#



#52
 Acenaphthene
 Concen: 0.475 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:154 Resp: 13055
 Ion Ratio Lower Upper
 154 100
 153 174.5 87.8 131.8#
 152 149.2 43.4 65.2#

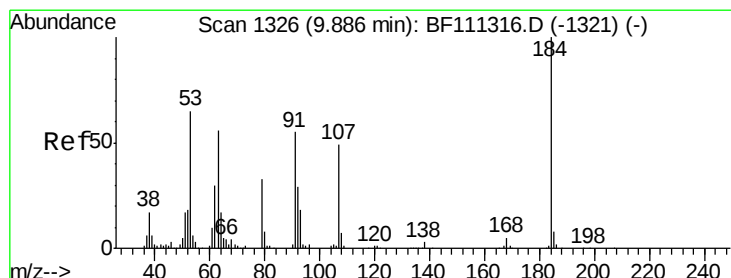
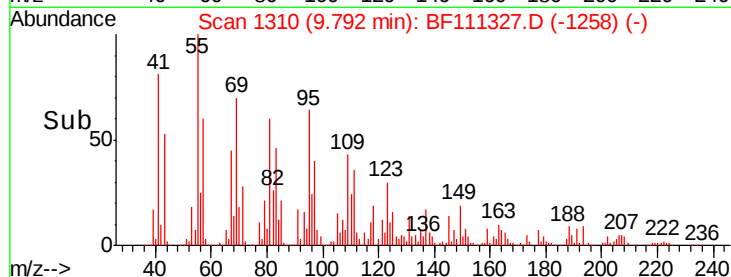
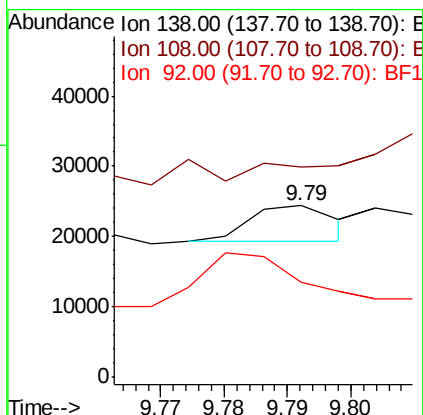
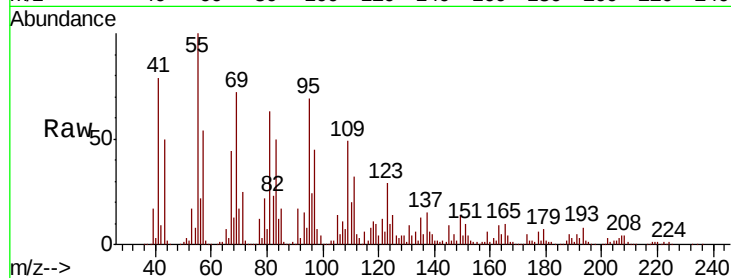




#53
3-Nitroaniline
Concen: 0.556 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

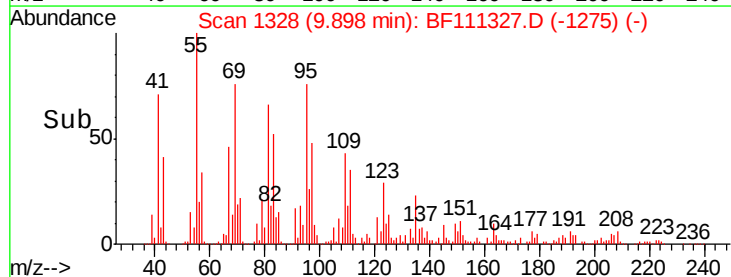
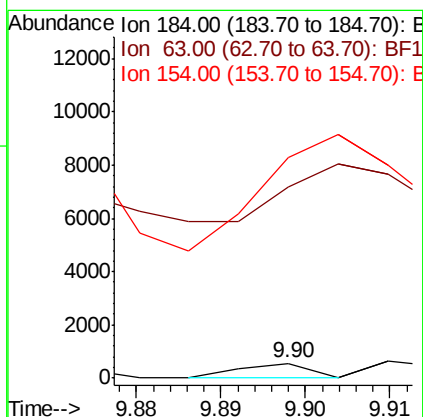
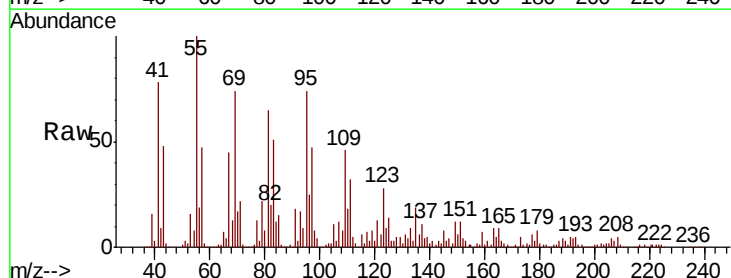
Instrument :
BNA_F
ClientSampleId :
RBR-200027

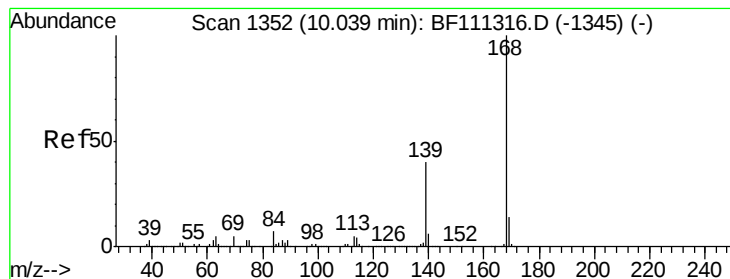
Tgt Ion:138 Resp: 4871
Ion Ratio Lower Upper
138 100
108 123.0 8.2 12.4#
92 55.3 93.4 140.2#



#54
2,4-Dinitrophenol
Concen: 0.111 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:184 Resp: 318
Ion Ratio Lower Upper
184 100
63 1285.0 62.3 93.5#
154 1480.1 56.2 84.2#





#55

Dibenzofuran

Concen: 0.365 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

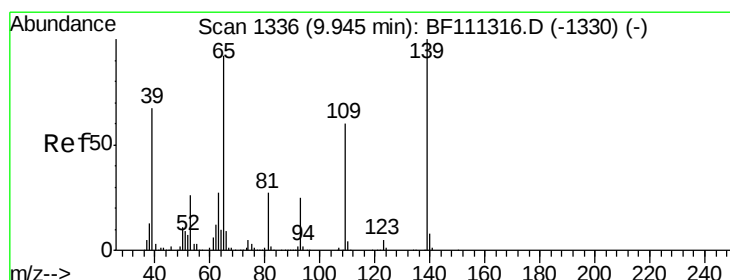
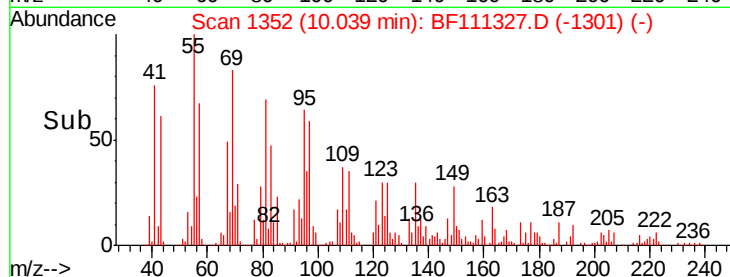
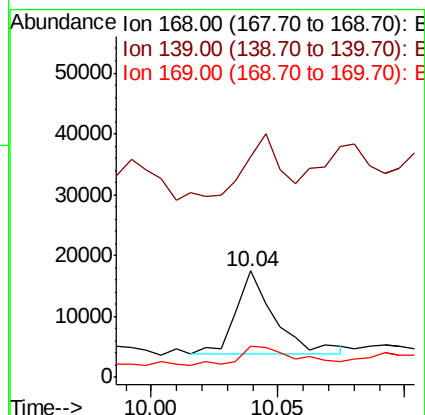
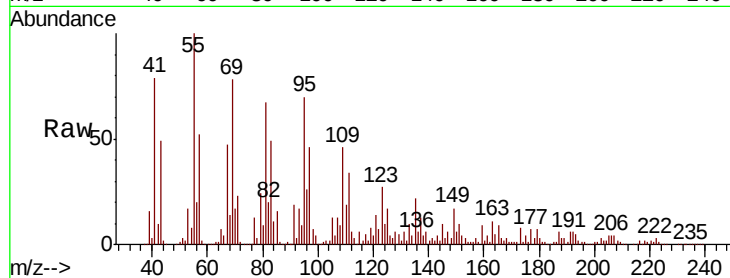
Tgt Ion:168 Resp: 14497

Ion Ratio Lower Upper

168 100

139 207.1 32.6 49.0#

169 29.3 11.8 17.6#



#56

4-Nitrophenol

Concen: 3.774 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

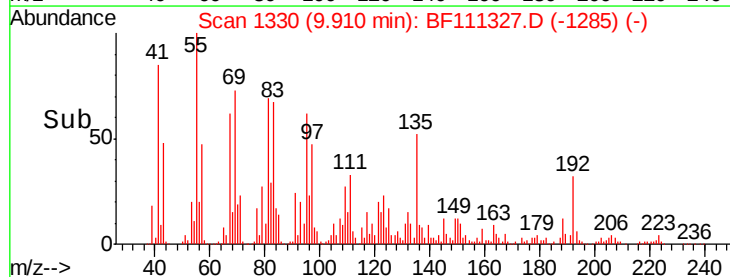
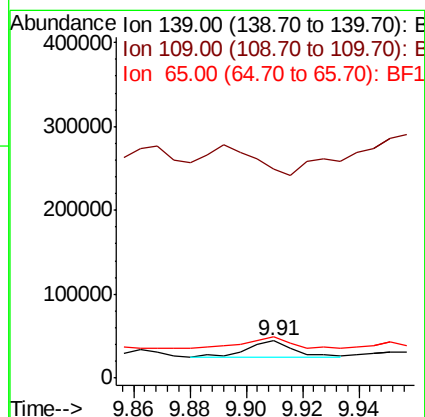
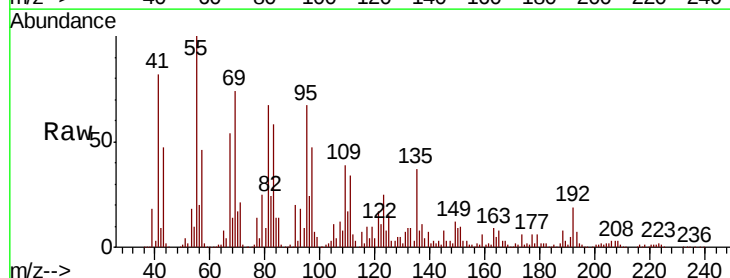
Tgt Ion:139 Resp: 23791

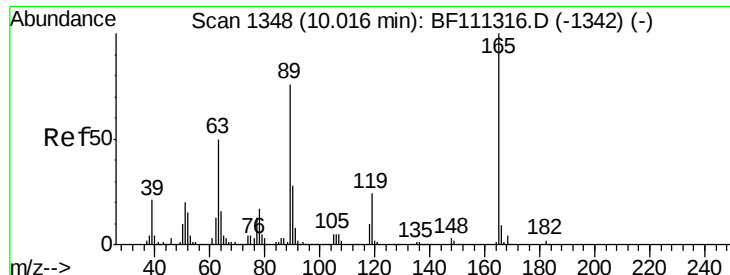
Ion Ratio Lower Upper

139 100

109 562.4 41.8 81.8#

65 112.8 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 1.679 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

Tgt Ion:165 Resp: 15670

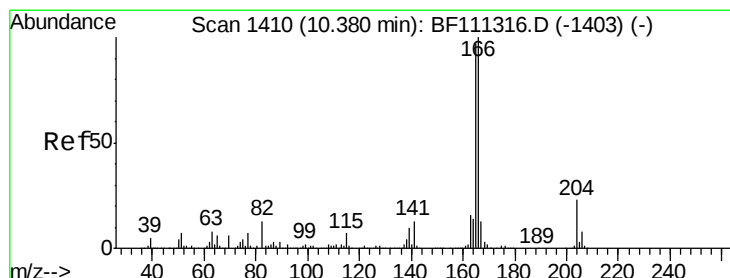
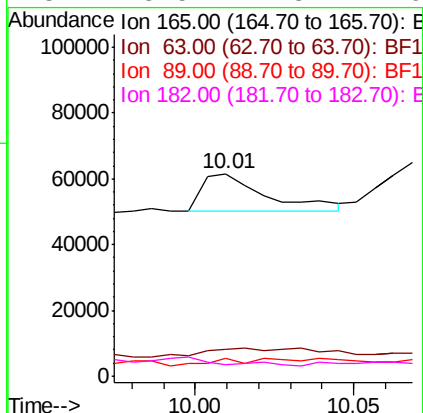
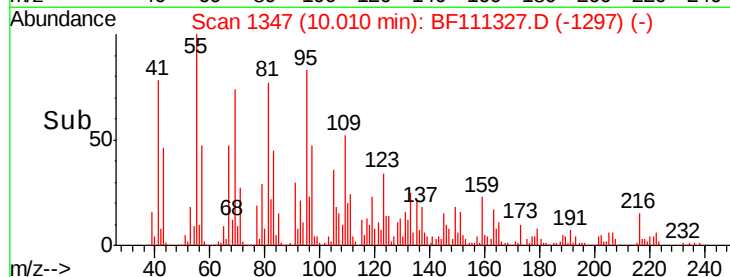
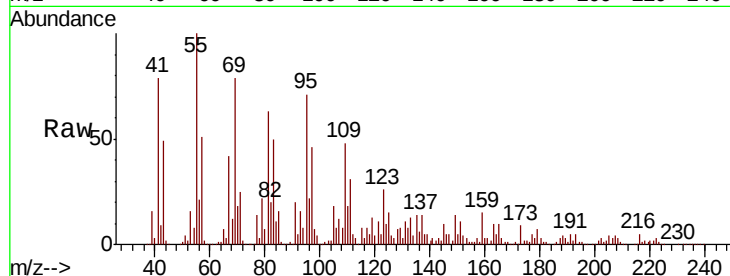
Ion Ratio Lower Upper

165 100

63 13.6 34.6 52.0#

89 8.9 56.2 84.4#

182 5.5 1.8 2.6#



#58

Fluorene

Concen: 0.346 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

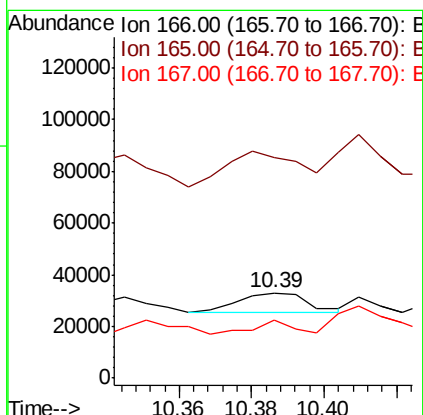
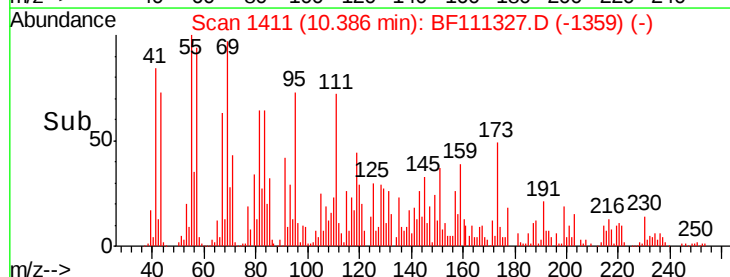
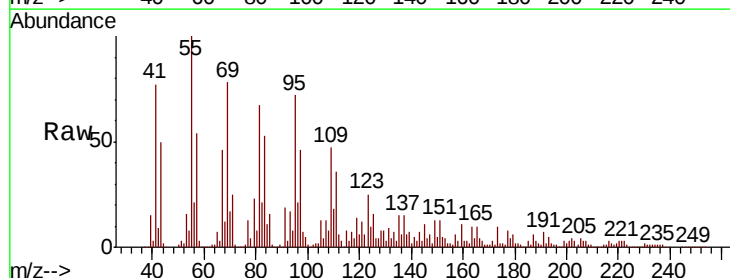
Tgt Ion:166 Resp: 9822

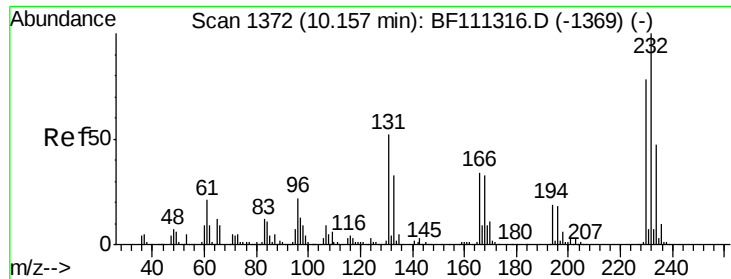
Ion Ratio Lower Upper

166 100

165 259.2 78.4 117.6#

167 67.8 11.2 16.8#

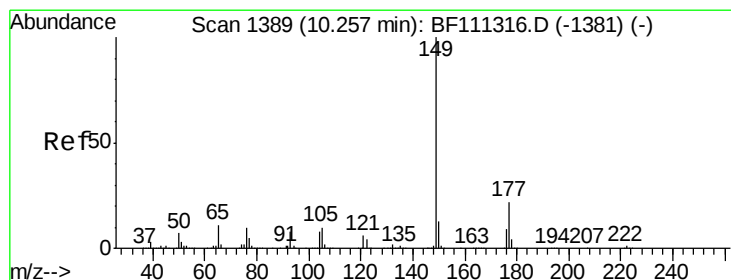
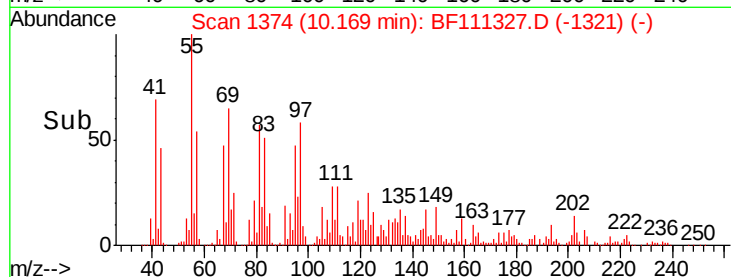
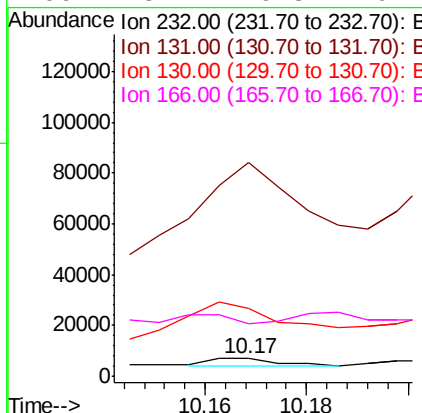
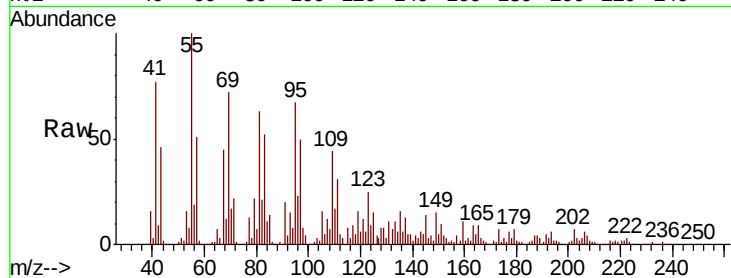




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.308 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

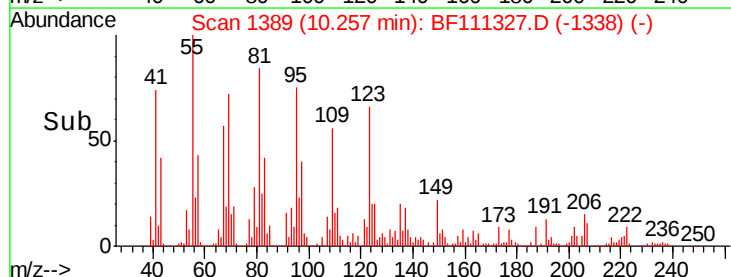
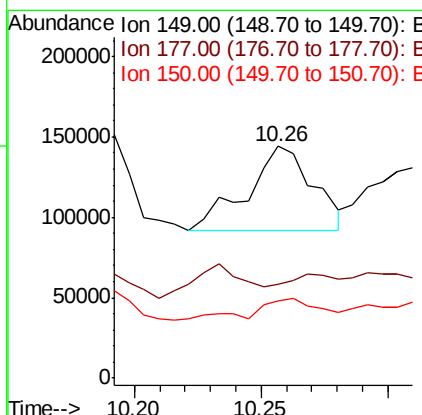
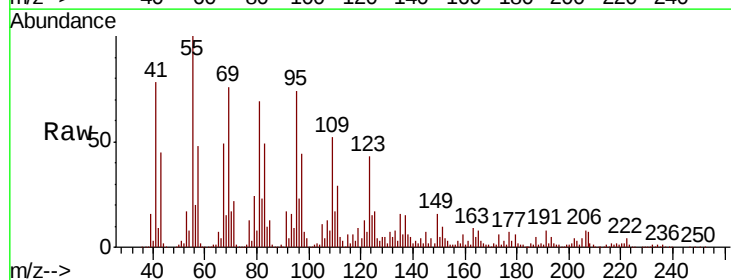
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

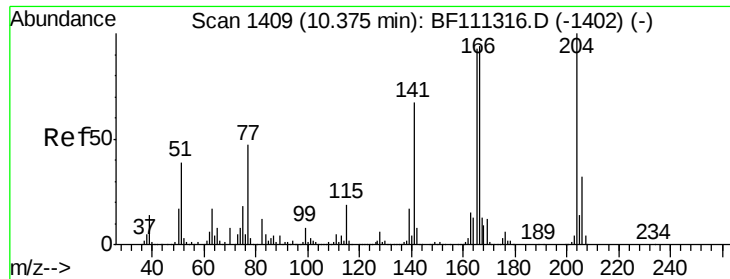
Tgt Ion: 232 Resp: 2313
 Ion Ratio Lower Upper
 232 100
 131 2279.5 40.9 61.3#
 130 845.2 2.0 3.0#
 166 115.4 26.8 40.2#



#60
 Diethylphthalate
 Concen: 2.866 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion: 149 Resp: 94792
 Ion Ratio Lower Upper
 149 100
 177 40.6 18.3 27.5#
 150 33.3 10.6 15.8#

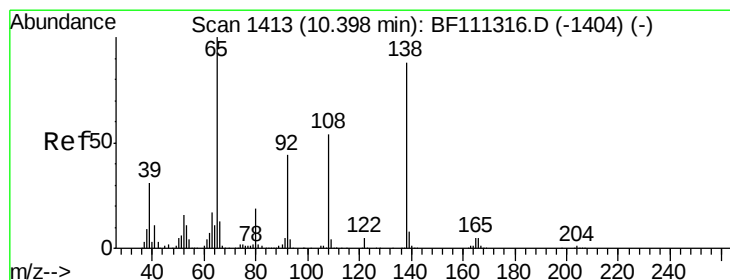
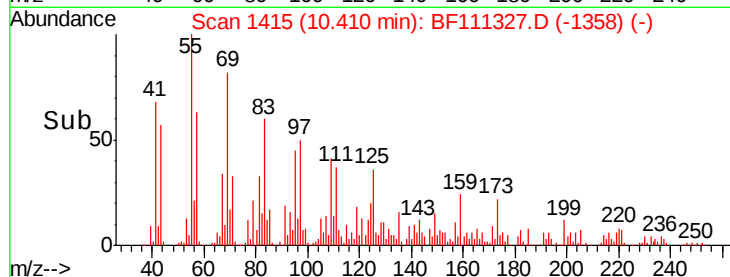
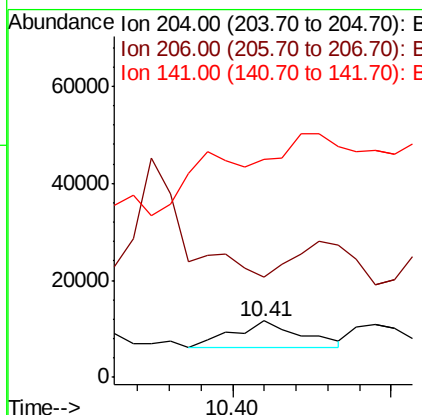
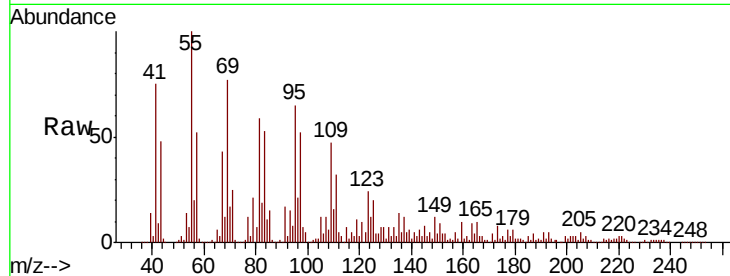




#61
4-Chlorophenyl-phenylether
Concen: 0.579 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.04 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

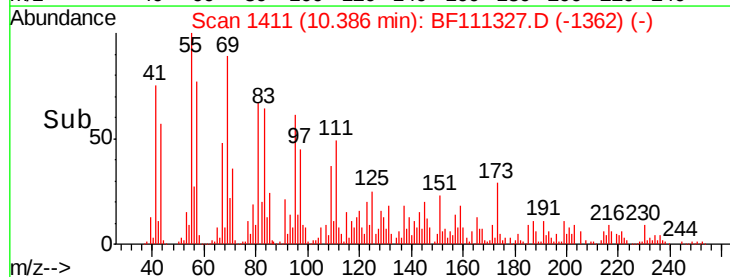
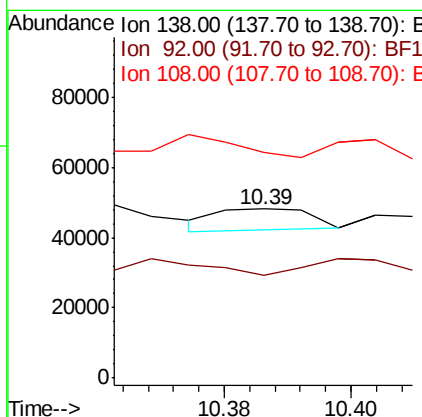
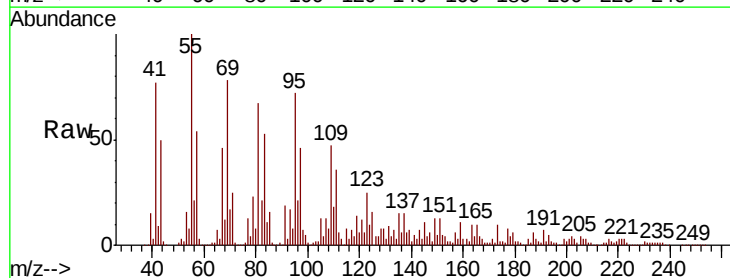
Instrument :
BNA_F
ClientSampleId :
RBR-200027

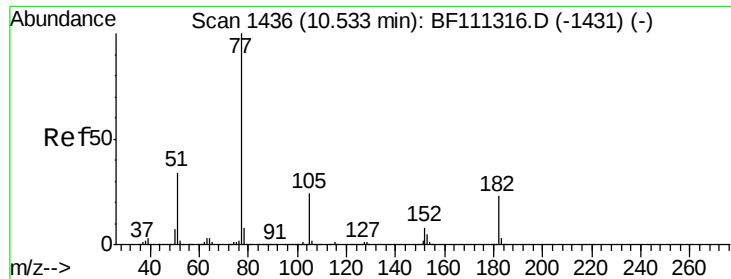
Tgt Ion: 204 Resp: 8160
Ion Ratio Lower Upper
204 100
206 178.0 26.6 39.8#
141 386.9 52.6 78.8#



#62
4-Nitroaniline
Concen: 0.745 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion: 138 Resp: 6269
Ion Ratio Lower Upper
138 100
92 60.6 29.9 69.9
108 133.1 43.2 83.2#

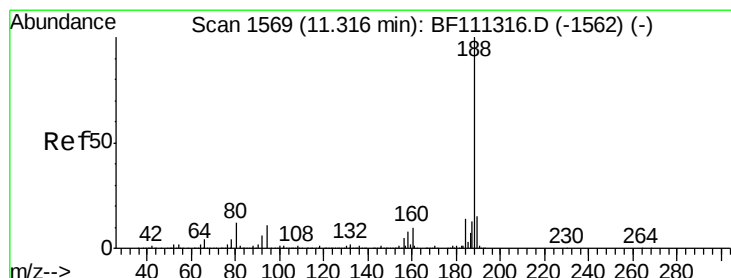
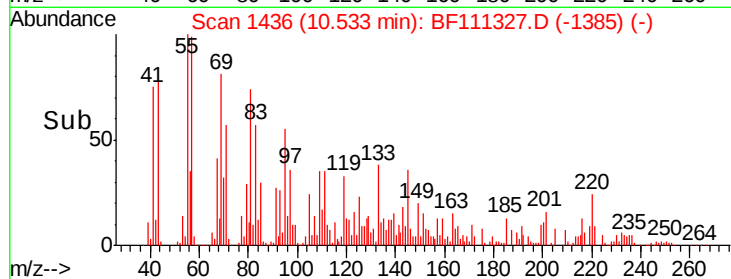
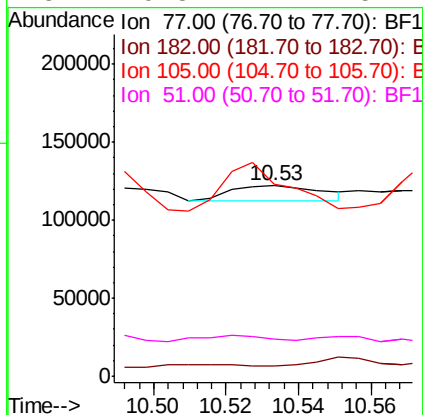
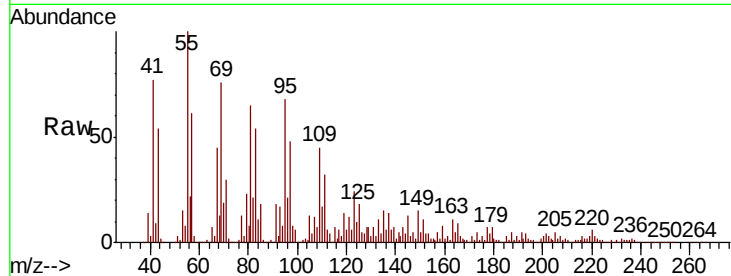




#63
Azobenzene
Concen: 0.490 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

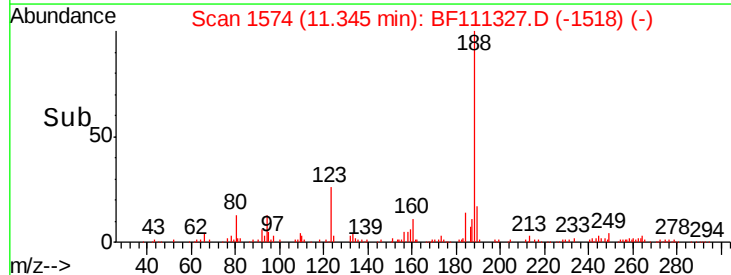
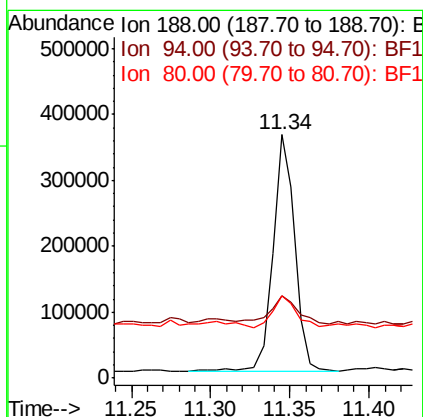
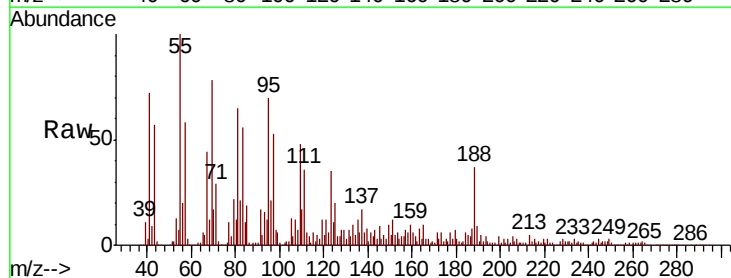
Instrument :
BNA_F
ClientSampleId :
RBR-200027

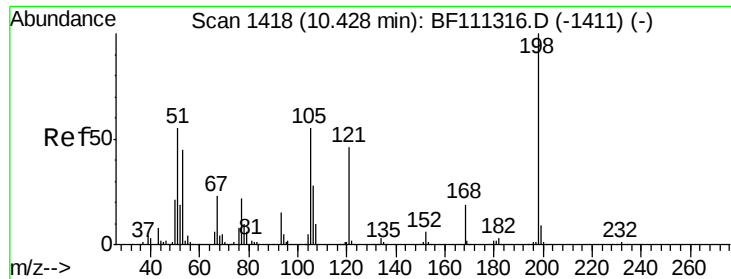
Tgt Ion	Ratio	Lower	Upper
77	100		
182	5.4	4.9	44.9
105	101.0	6.0	46.0#
51	19.8	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.03 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	34.0	9.6	14.4#
80	33.6	9.8	14.6#

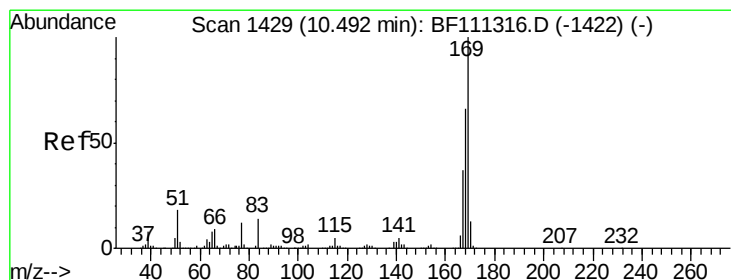
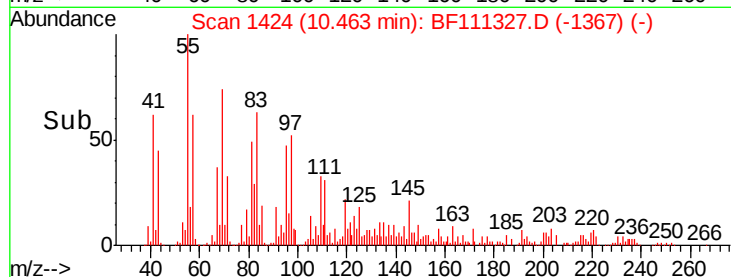
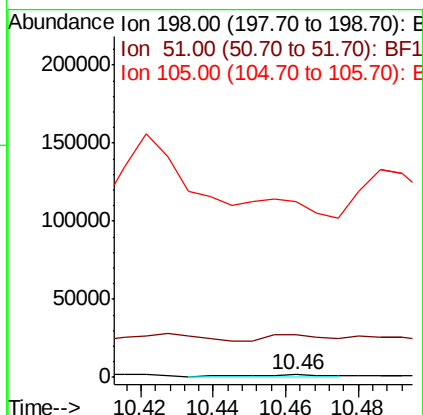
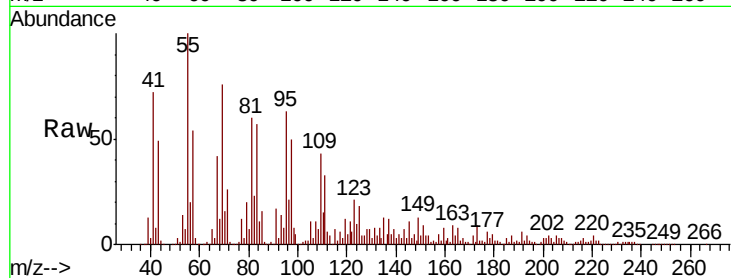




#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.404 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.04 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

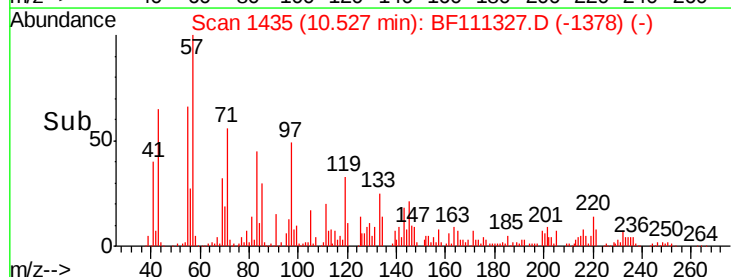
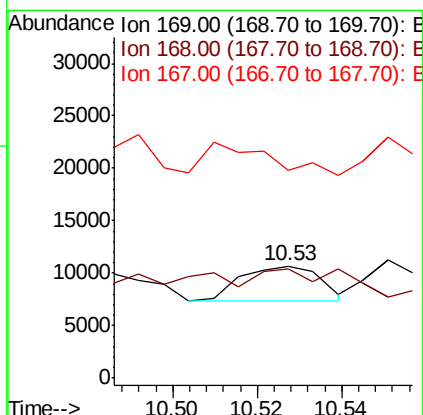
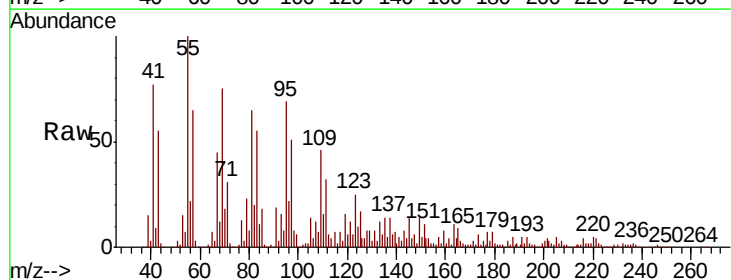
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

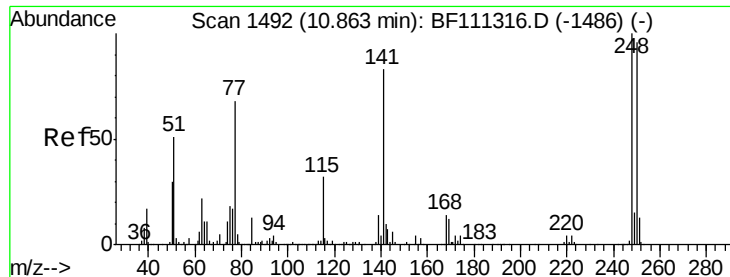
Tgt Ion:198 Resp: 2761
 Ion Ratio Lower Upper
 198 100
 51 1785.3 48.0 88.0#
 105 7428.9 34.0 74.0#



#66
 n-Nitrosodiphenylamine
 Concen: 0.348 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.04 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:169 Resp: 4247
 Ion Ratio Lower Upper
 169 100
 168 98.2 54.4 81.6#
 167 185.6 30.5 45.7#

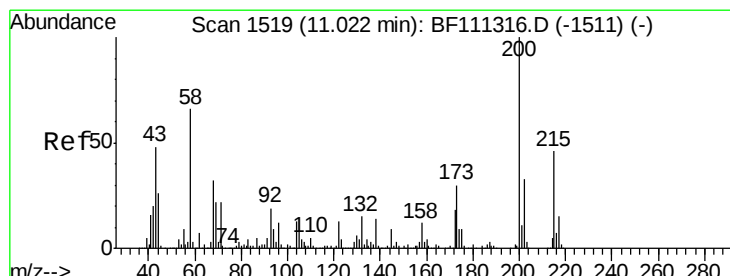
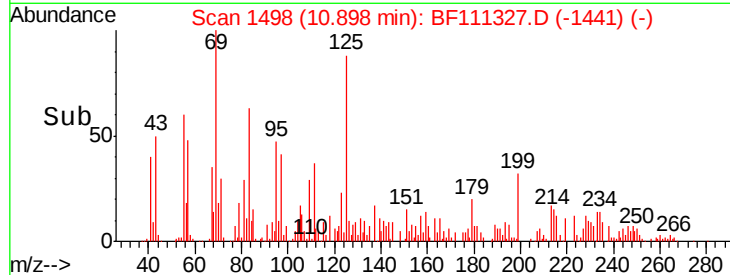
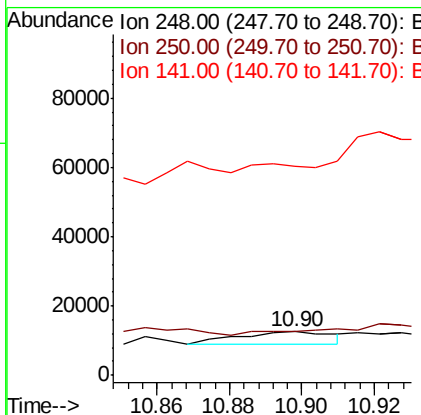
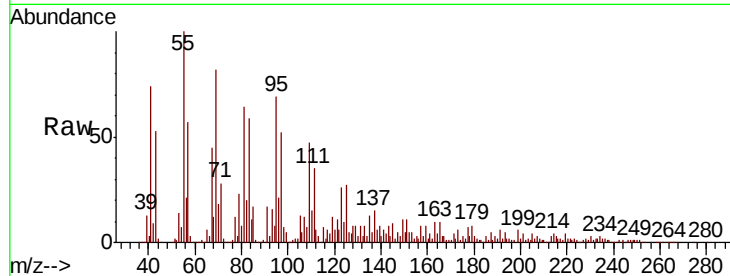




#67
 4-Bromophenyl-phenylether
 Concen: 1.751 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.04 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

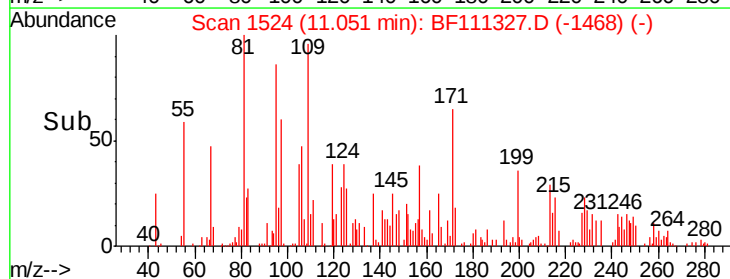
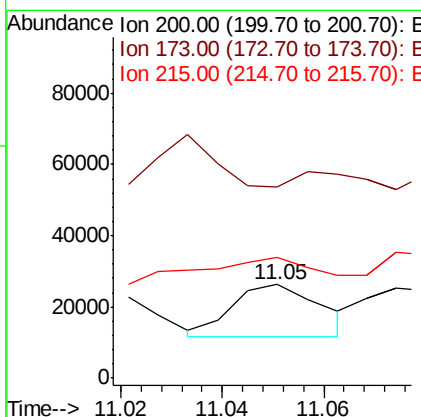
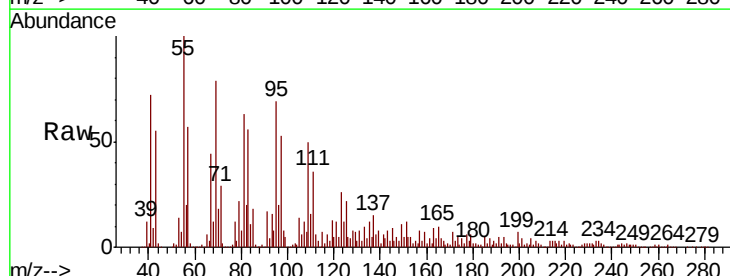
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

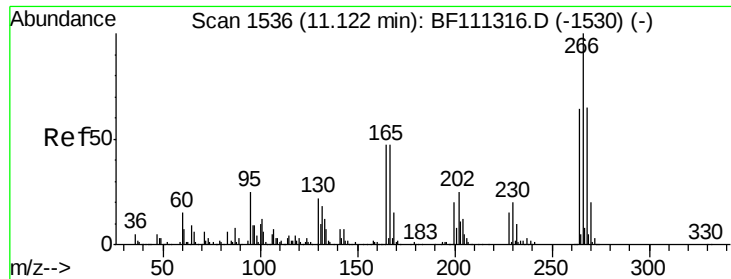
Tgt Ion: 248 Resp: 6680
 Ion Ratio Lower Upper
 248 100
 250 100.6 77.0 115.4
 141 478.1 63.0 94.6#



#69
 Atrazine
 Concen: 5.029 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.03 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion: 200 Resp: 17729
 Ion Ratio Lower Upper
 200 100
 173 205.5 10.1 50.1#
 215 130.1 26.9 66.9#

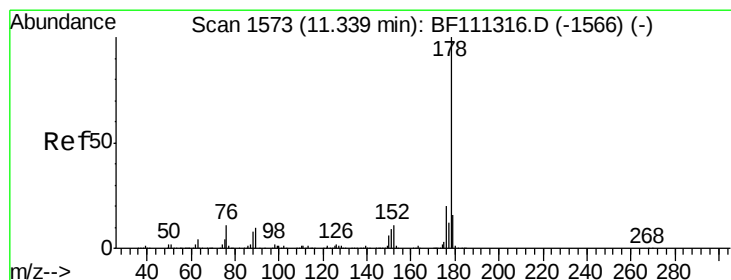
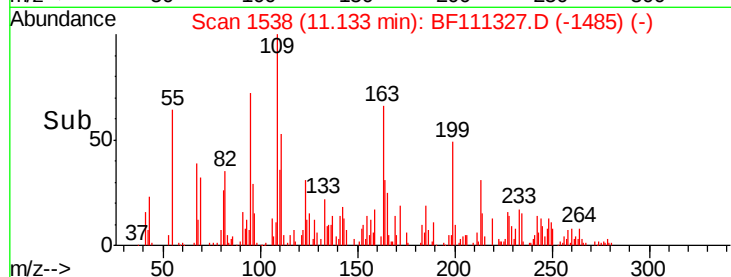
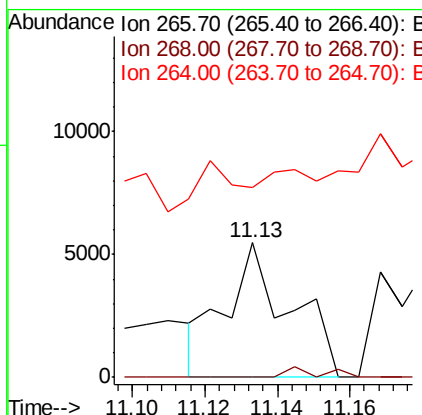
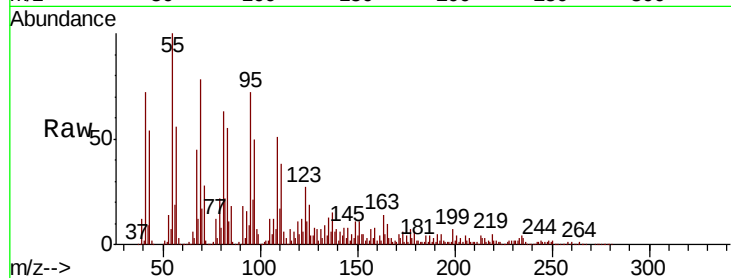




#70
 Pentachlorophenol
 Concen: 2.571 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

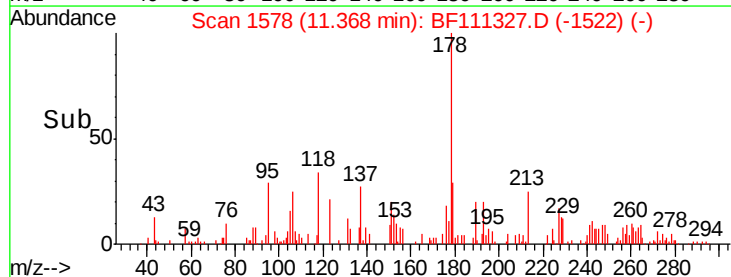
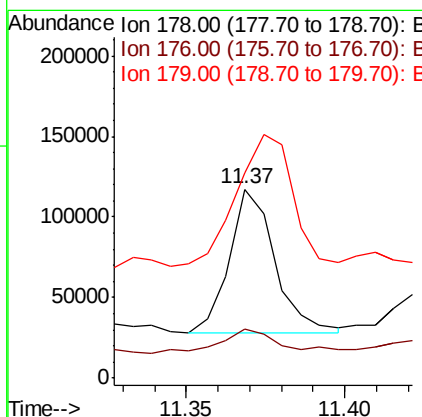
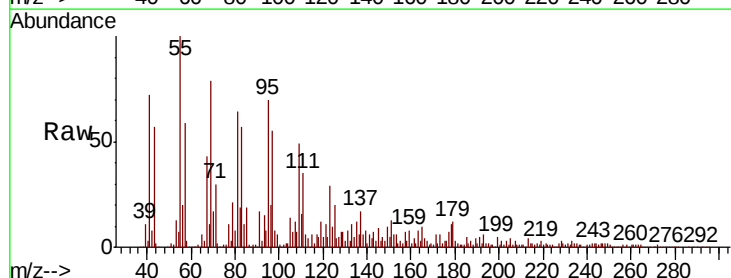
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

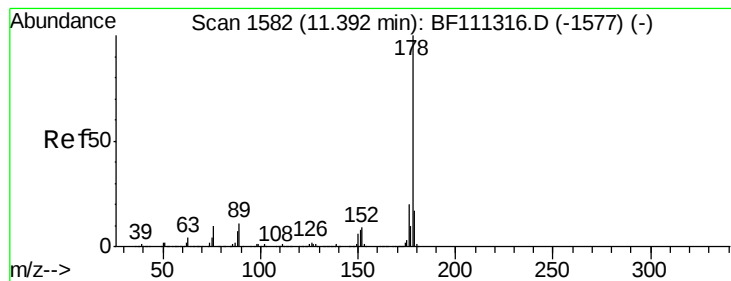
Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.9	71.9#
264	141.4	49.1	73.7#



#71
 Phenanthrene
 Concen: 5.032 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.1	18.1	27.1
179	109.2	14.0	21.0#





#72

Anthracene

Concen: 1.679 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.03 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

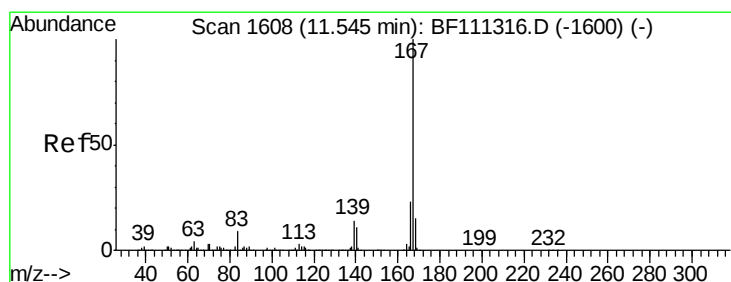
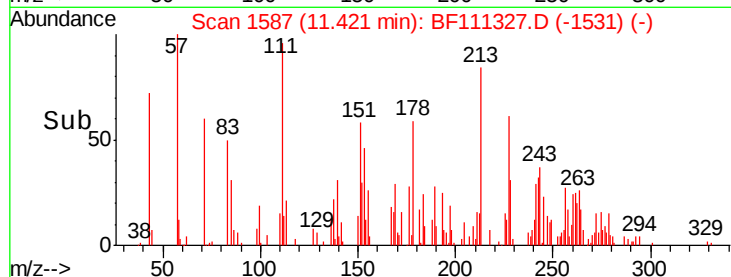
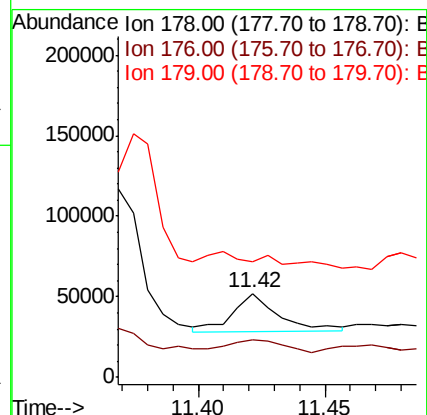
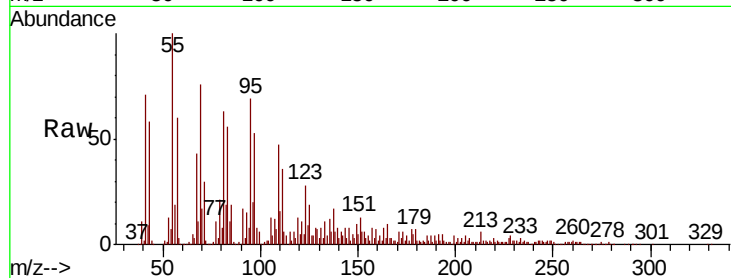
Tgt Ion:178 Resp: 30281

Ion Ratio Lower Upper

178 100

176 45.4 17.2 25.8#

179 138.6 13.8 20.8#



#73

Carbazole

Concen: 1.105 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

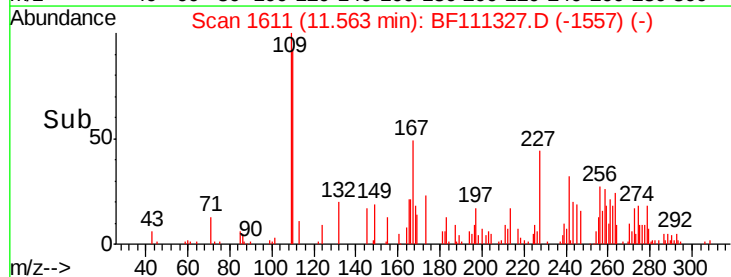
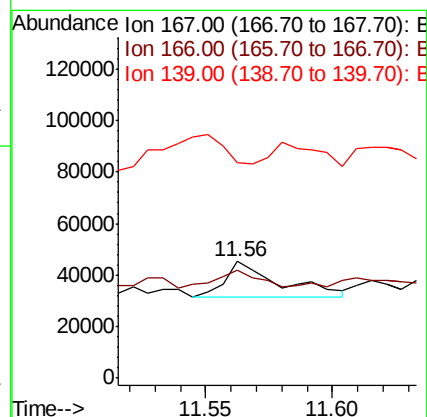
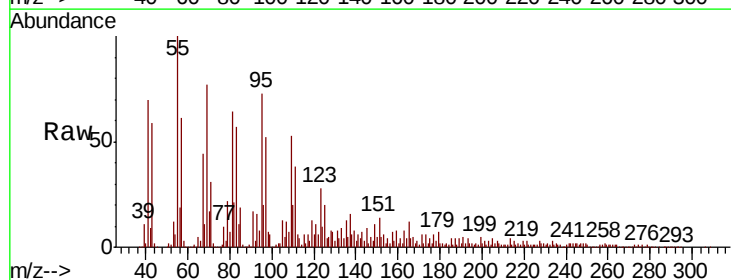
Tgt Ion:167 Resp: 20607

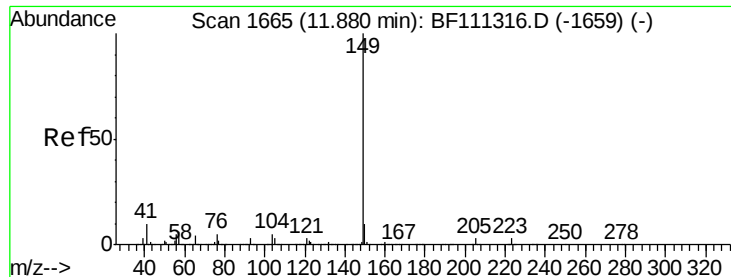
Ion Ratio Lower Upper

167 100

166 92.5 19.3 28.9#

139 185.6 11.9 17.9#

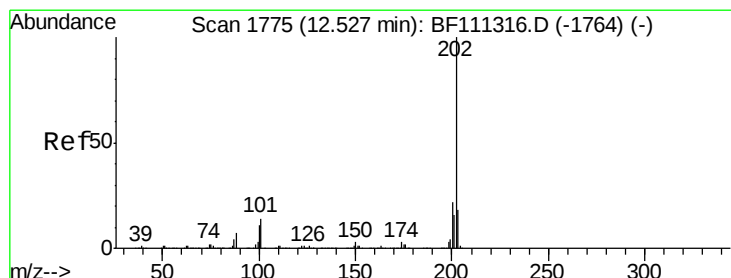
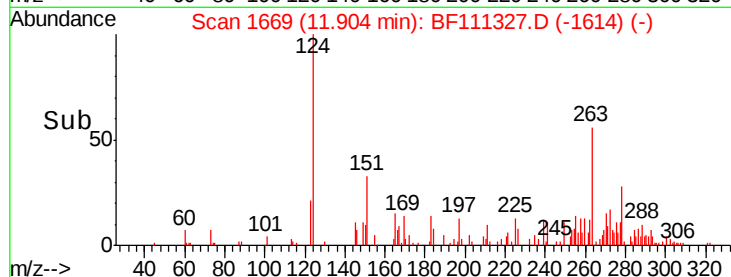
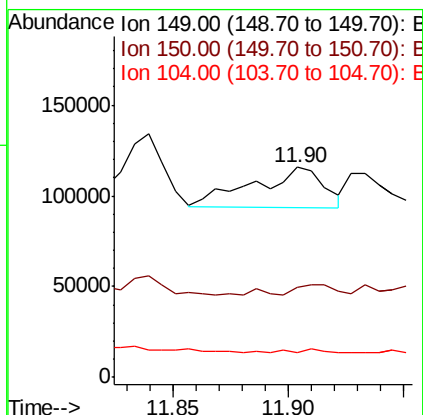
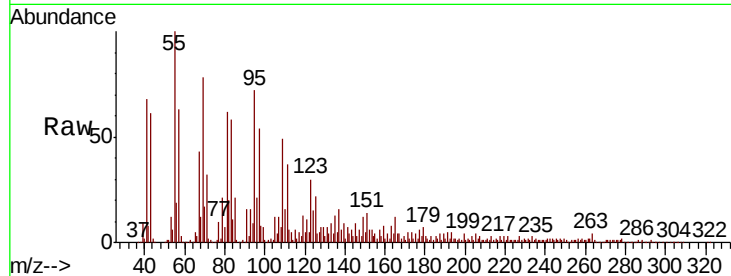




#74
Di-n-butylphthalate
Concen: 2.241 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.02 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

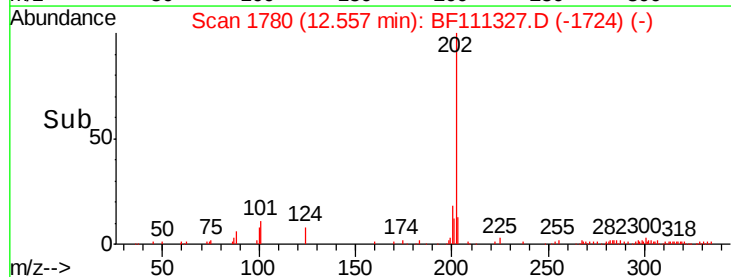
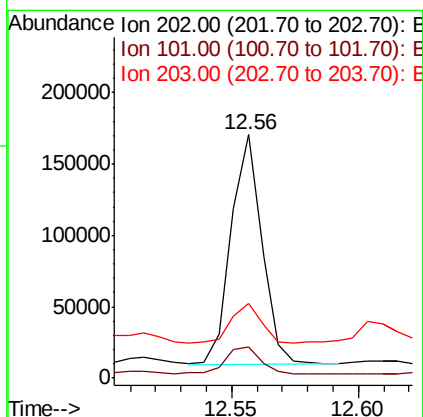
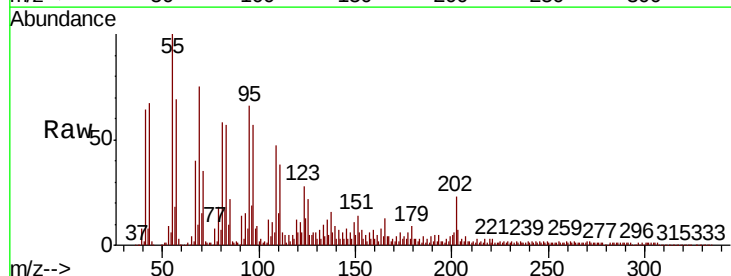
Instrument :
BNA_F
ClientSampleId :
RBR-200027

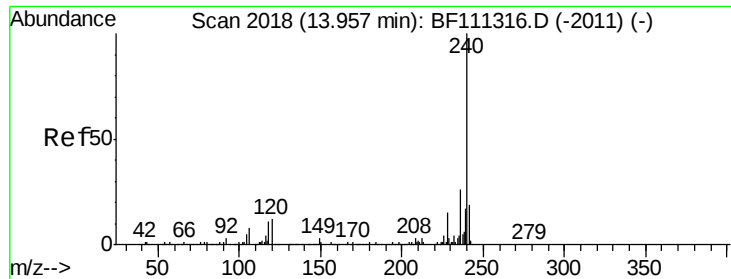
Tgt Ion:149 Resp: 47587
Ion Ratio Lower Upper
149 100
150 42.8 8.8 13.2#
104 12.0 4.5 6.7#



#75
Fluoranthene
Concen: 7.903 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.03 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:202 Resp: 136632
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.8
203 30.5 0.0 38.6

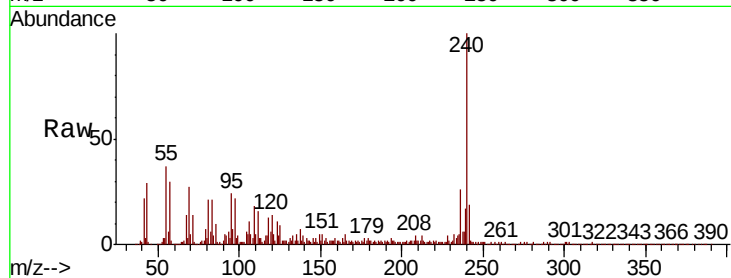




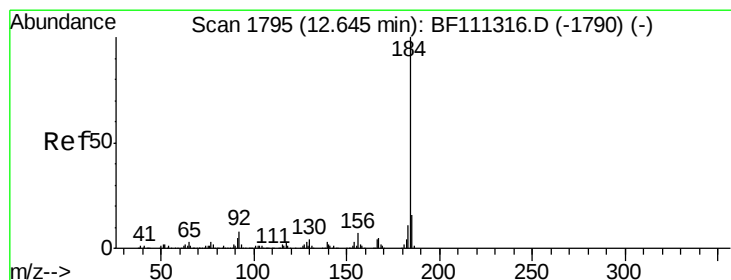
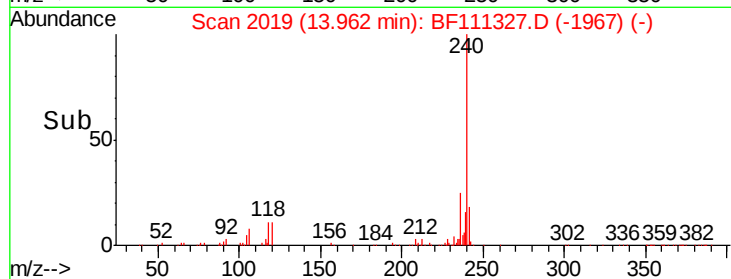
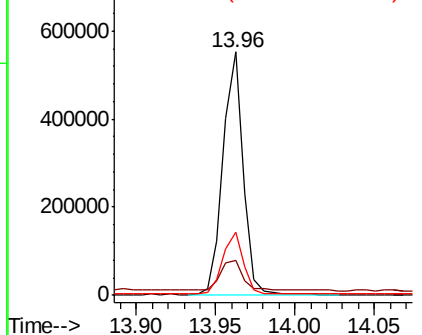
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tgt Ion:240 Resp: 481900
Ion Ratio Lower Upper
240 100
120 14.5 12.2 18.2
236 26.0 20.2 30.2

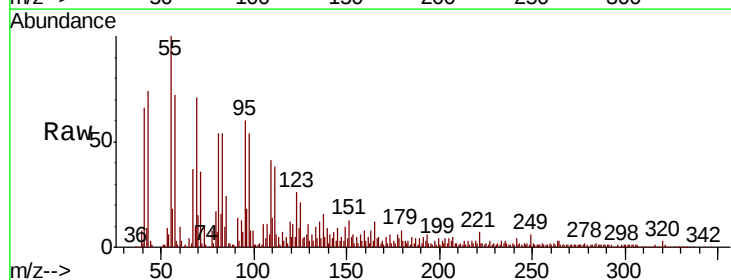


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

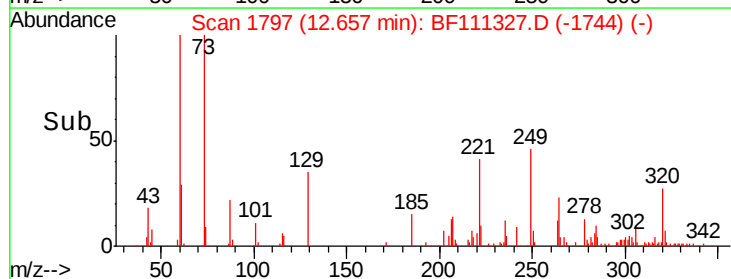
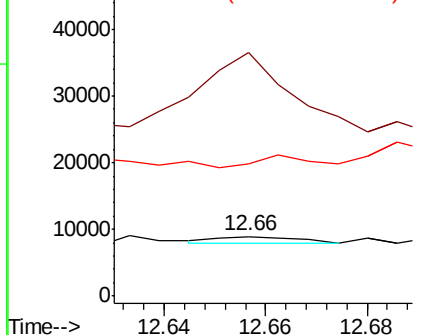


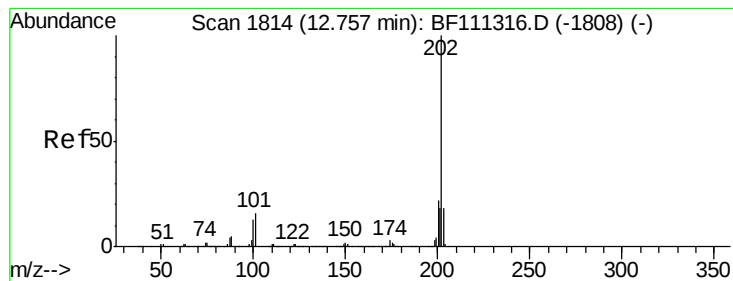
#77
Benzidine
Concen: 0.115 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion:184 Resp: 1050
Ion Ratio Lower Upper
184 100
185 408.3 13.0 19.6#
183 221.4 9.3 13.9#



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





#78

Pyrene

Concen: 3.549 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

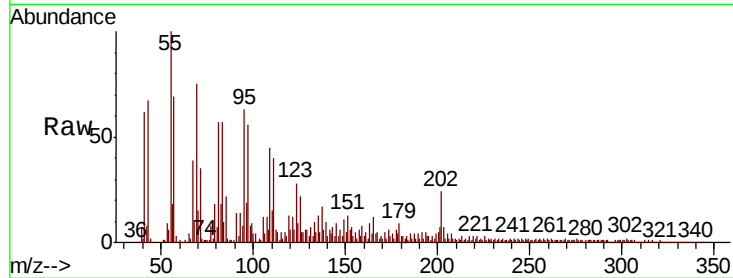
Tgt Ion:202 Resp: 131988

Ion Ratio Lower Upper

202 100

200 22.7 19.0 28.4

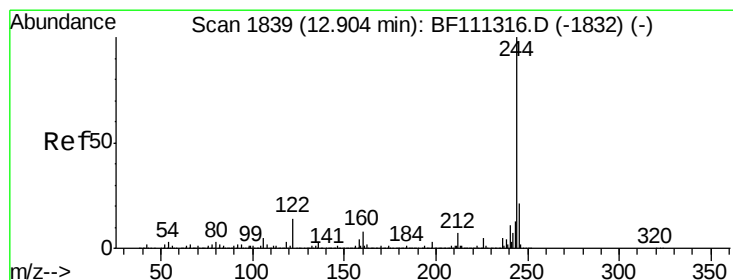
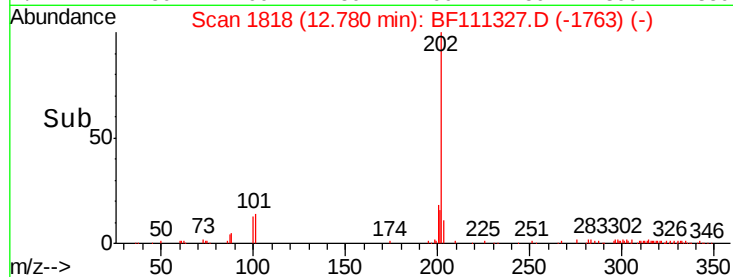
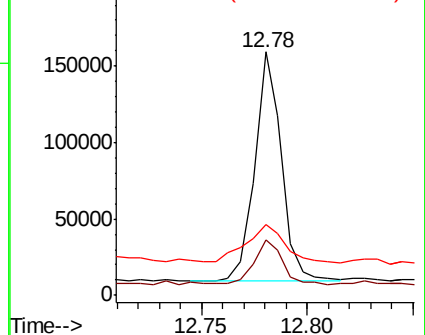
203 28.9 15.2 22.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 58.791 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

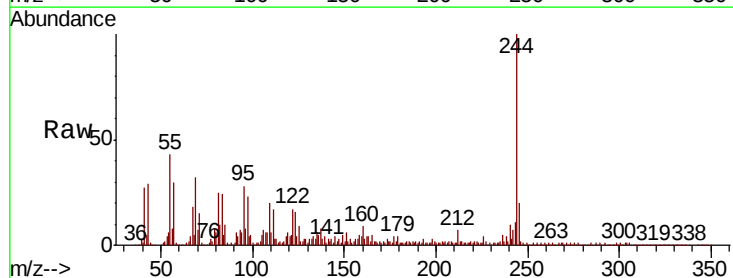
Tgt Ion:244 Resp: 1287235

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

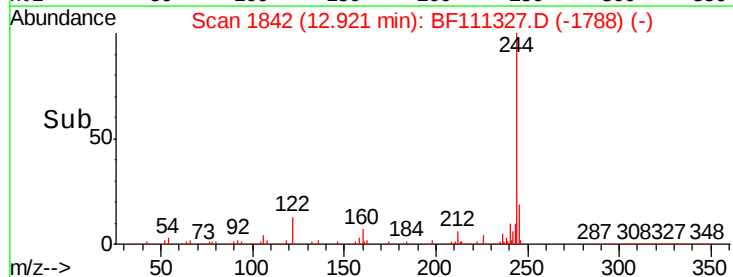
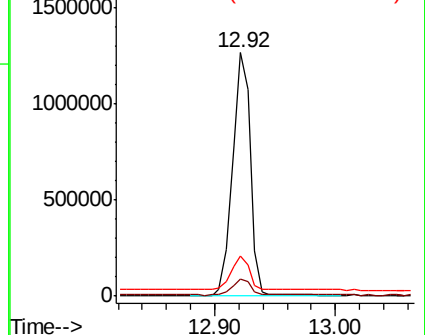
122 16.5 13.1 19.7

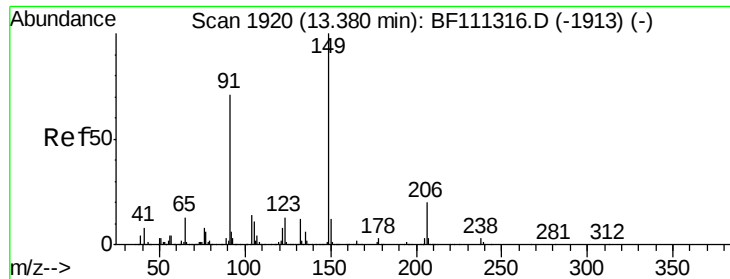


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

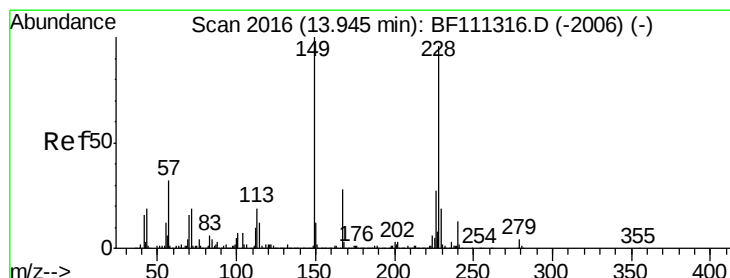
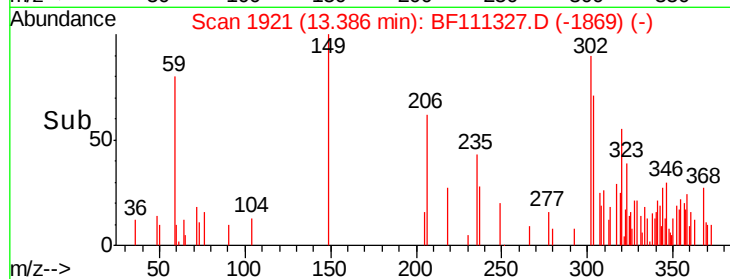
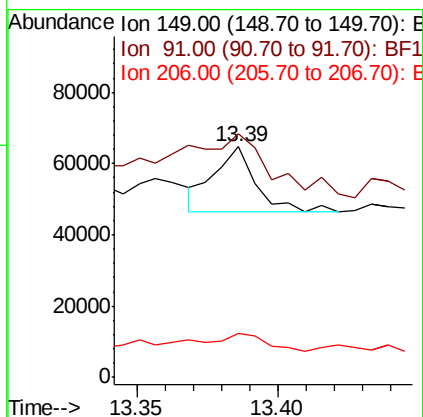
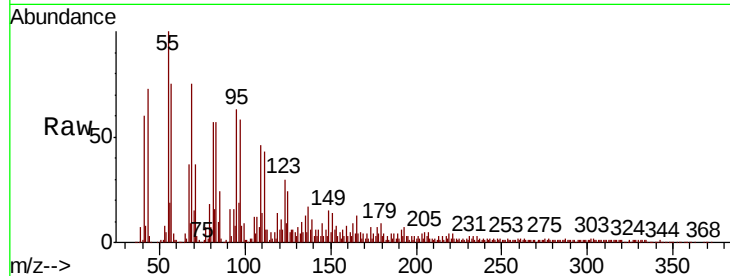




#80
 Butylbenzylphthalate
 Concen: 1.038 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

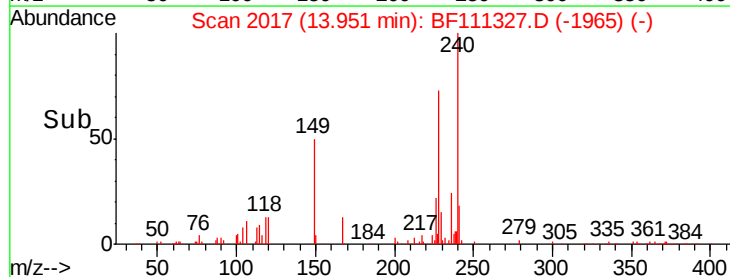
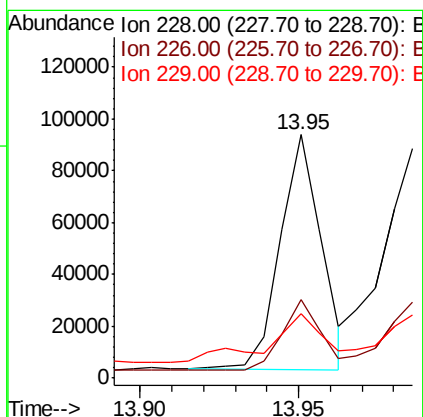
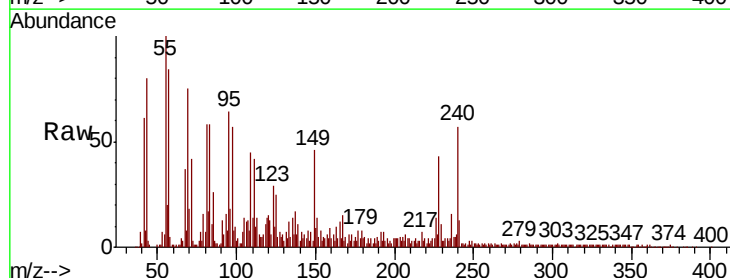
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

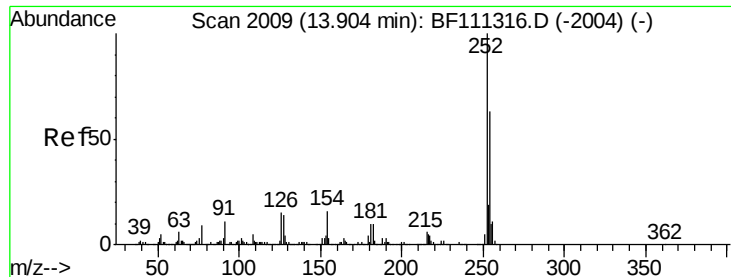
Tgt Ion:149 Resp: 18534
 Ion Ratio Lower Upper
 149 100
 91 105.5 63.8 95.6#
 206 19.0 15.1 22.7



#81
 Benzo(a)anthracene
 Concen: 3.027 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:228 Resp: 81616
 Ion Ratio Lower Upper
 228 100
 226 32.1 22.6 34.0
 229 26.4 16.3 24.5#

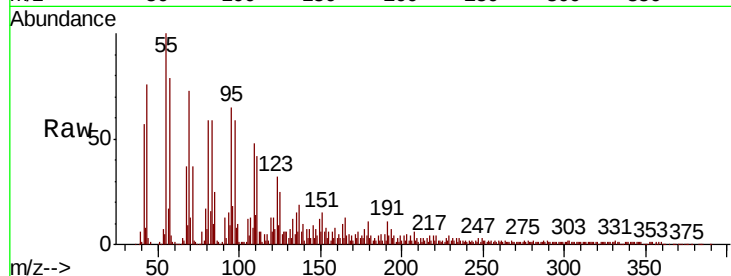




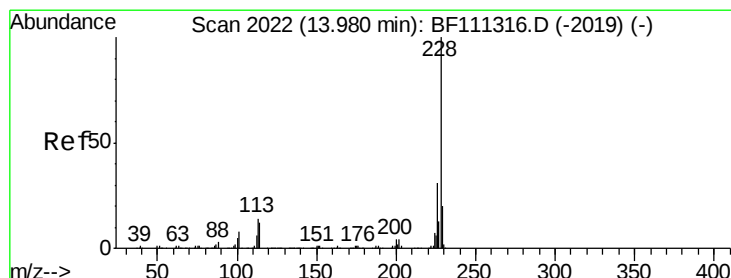
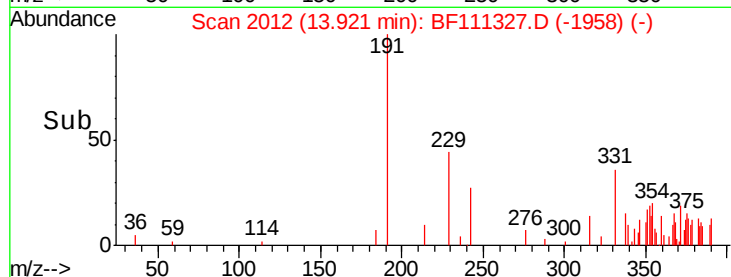
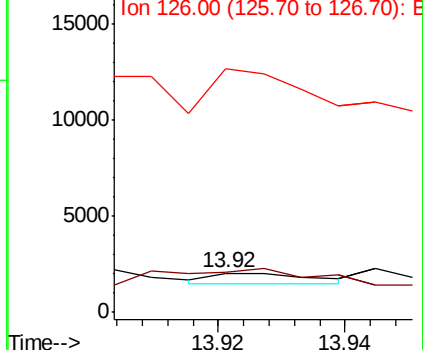
#82
 3,3'-Dichlorobenzidine
 Concen: 0.054 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tgt Ion:252 Resp: 553
 Ion Ratio Lower Upper
 252 100
 254 102.0 52.7 79.1#
 126 625.2 11.1 16.7#

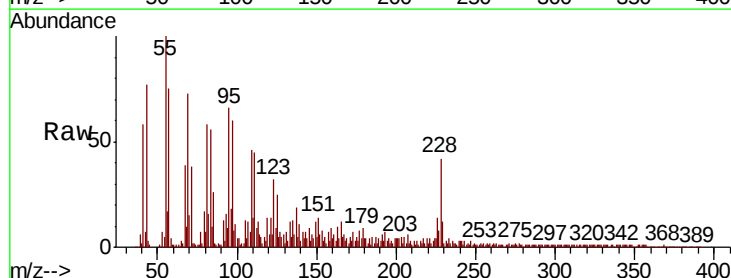


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

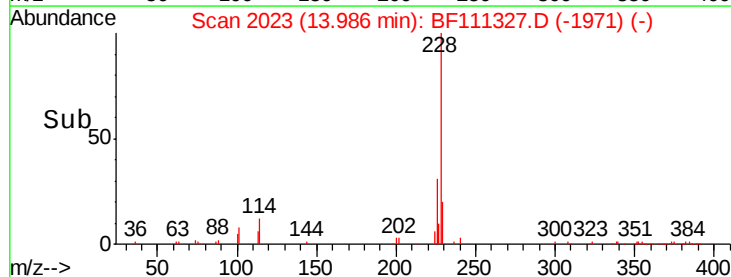
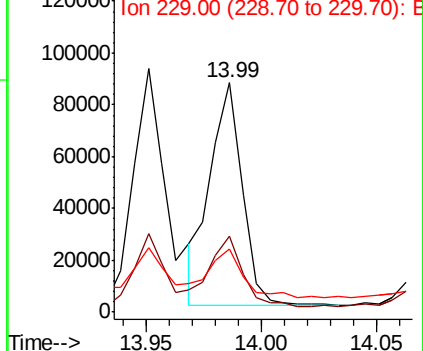


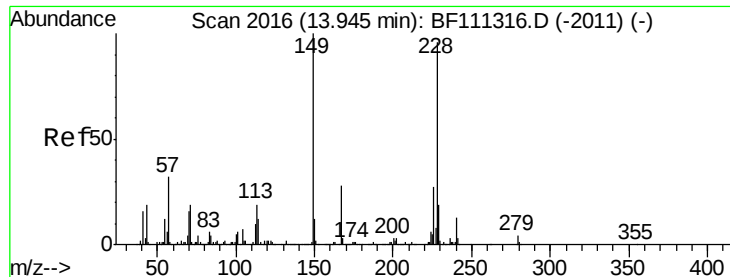
#83
 Chrysene
 Concen: 3.054 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:228 Resp: 84006
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.3 37.9
 229 27.8 17.2 25.8#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

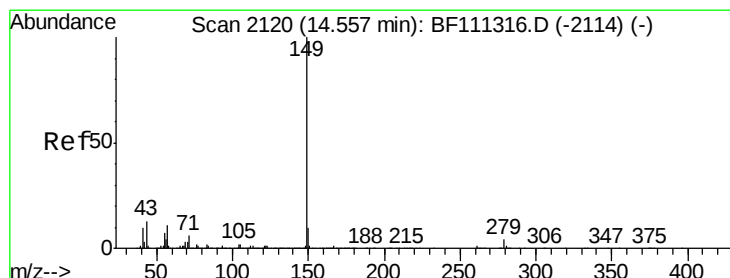
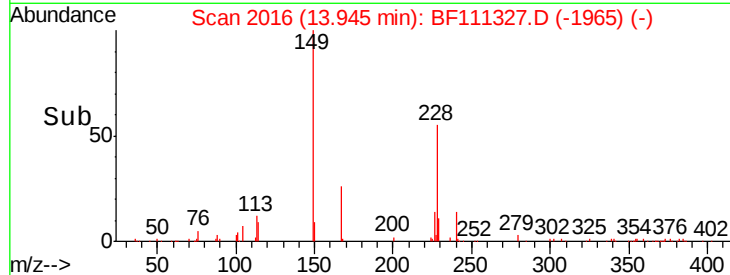
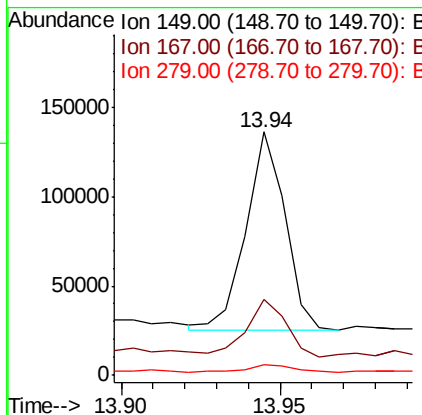
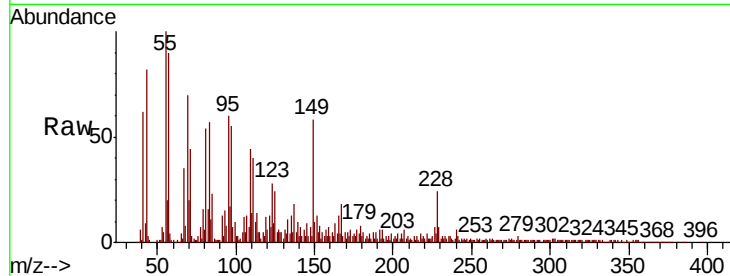




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.367 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

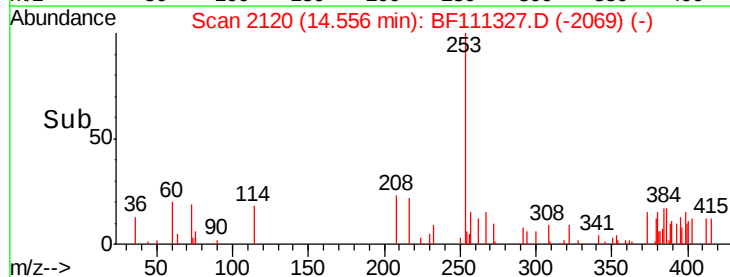
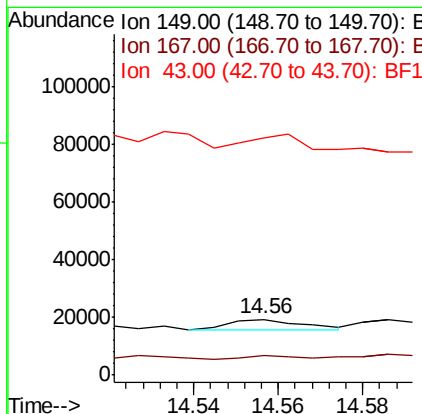
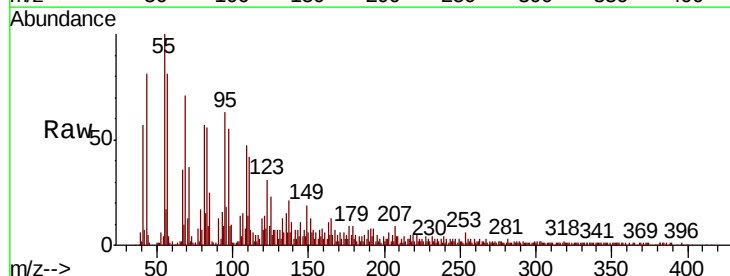
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

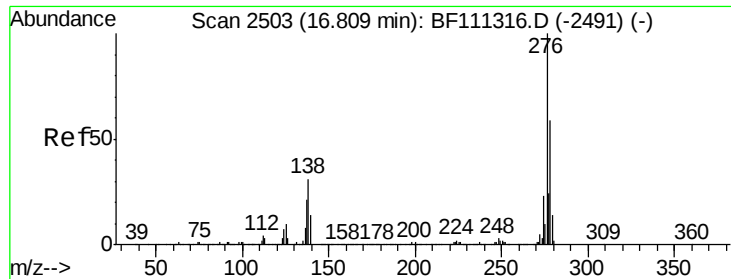
Tgt Ion:	149	Resp:	95324
Ion Ratio	Lower	Upper	
149	100		
167	31.3	22.5	33.7
279	4.4	2.6	4.0#



#85
 Di-n-octyl phthalate
 Concen: 0.124 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:	149	Resp:	4441
Ion Ratio	Lower	Upper	
149	100		
167	25.1	1.3	1.9#
43	0.0	10.9	16.3#





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.104 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

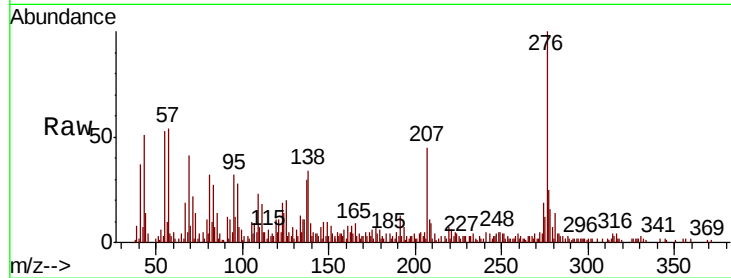
Tgt Ion:276 Resp: 45272

Ion Ratio Lower Upper

276 100

138 29.5 27.8 41.6

277 24.4 20.1 30.1

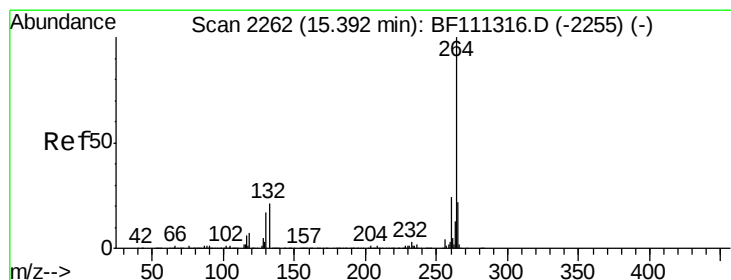
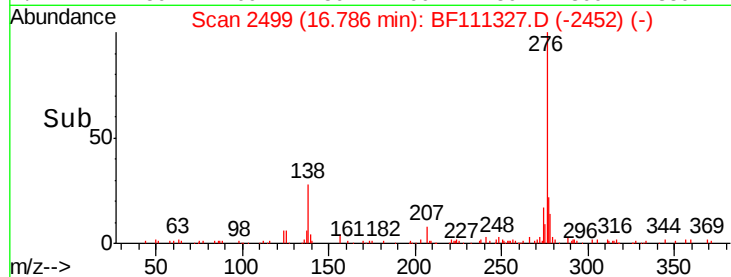
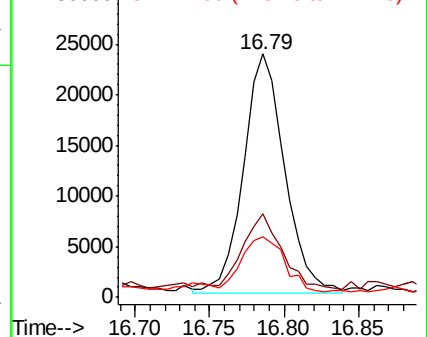


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

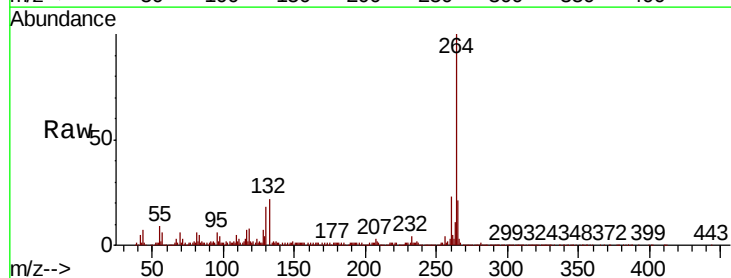
Tgt Ion:264 Resp: 454892

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.6 17.7 26.5

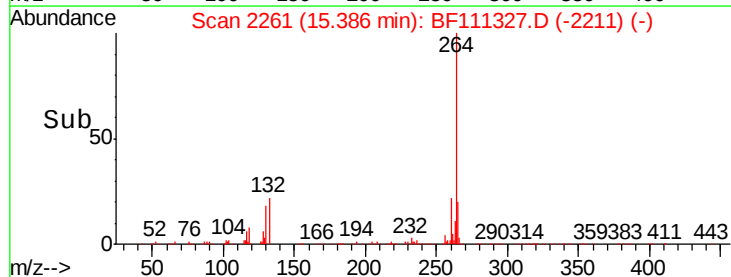
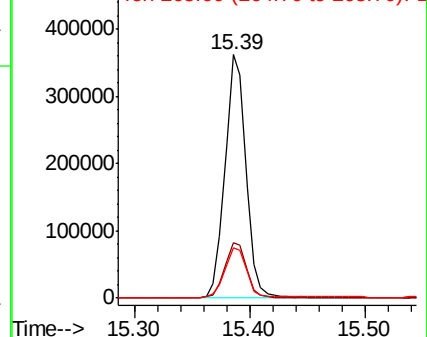


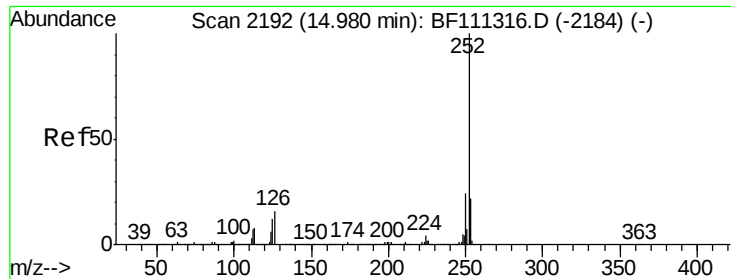
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 6.458 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

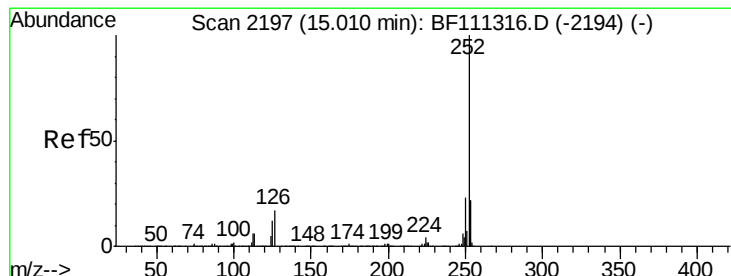
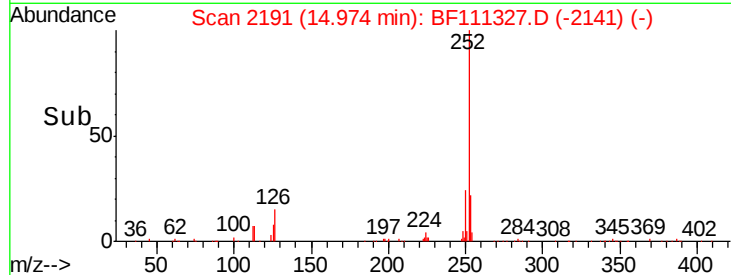
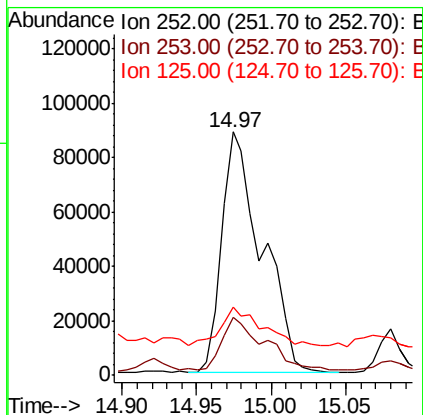
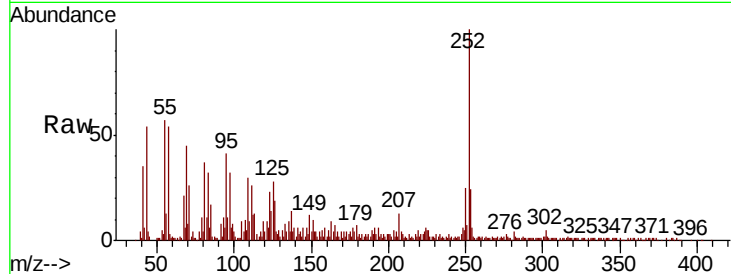
Instrument :

BNA_F

ClientSampleId :

RBR-200027

Tgt Ion:	252	Resp:	167037
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	28.1	10.4	15.6#



#89

Benzo(k)fluoranthene

Concen: 6.467 ng

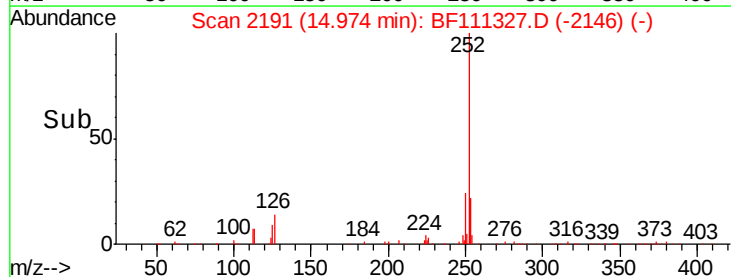
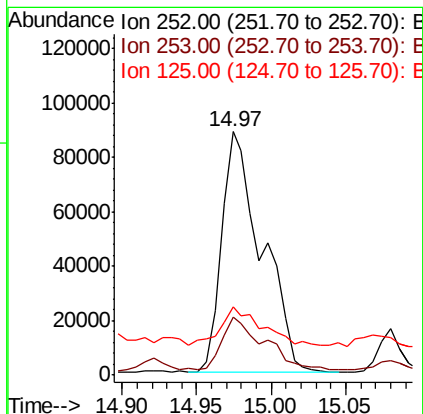
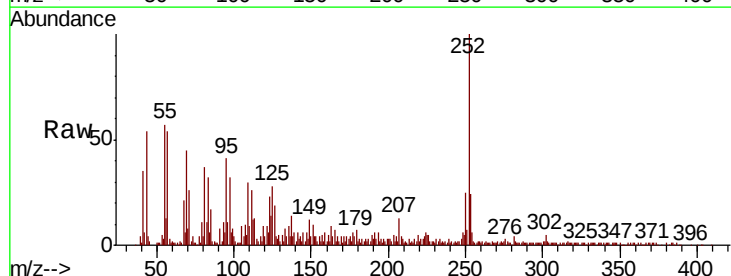
RT: 14.97 min Scan# 2191

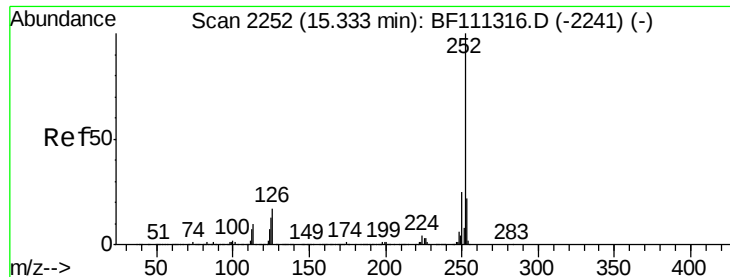
Delta R.T. -0.04 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion:	252	Resp:	166974
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	28.1	9.8	14.8#

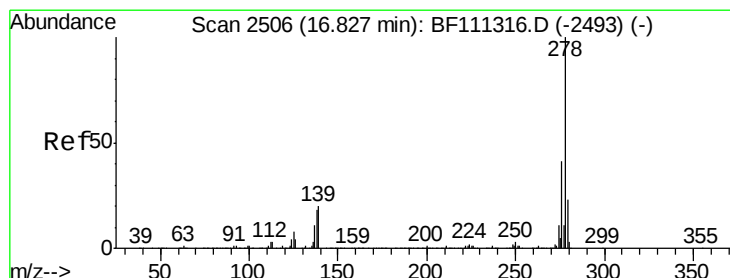
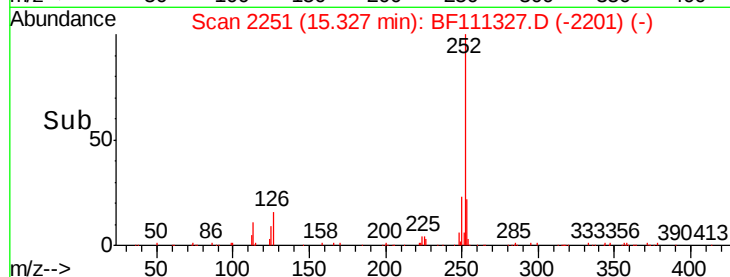
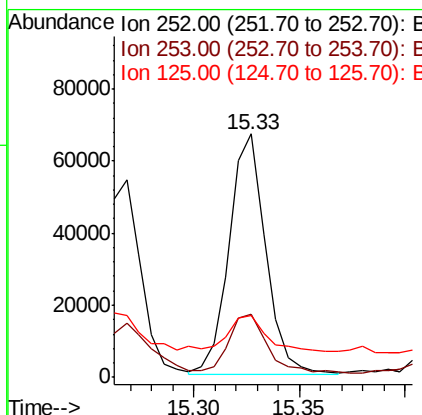
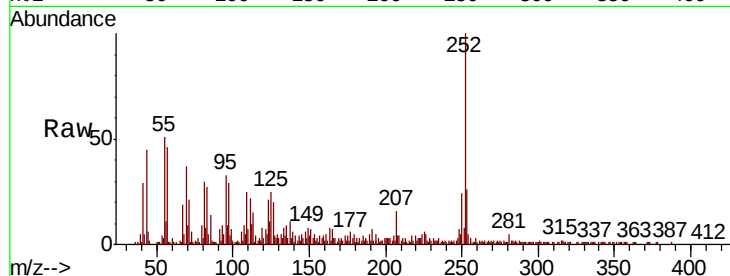




#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

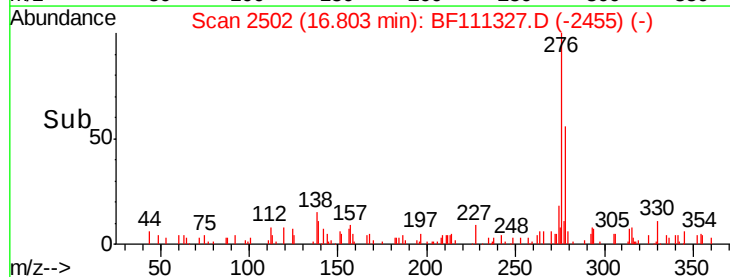
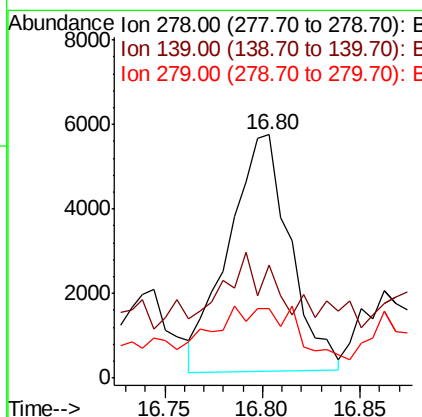
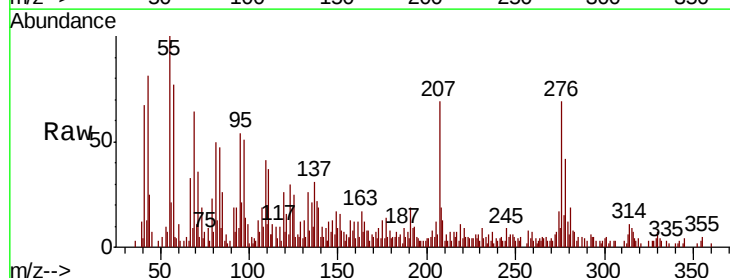
Instrument :
BNA_F
ClientSampleId :
RBR-200027

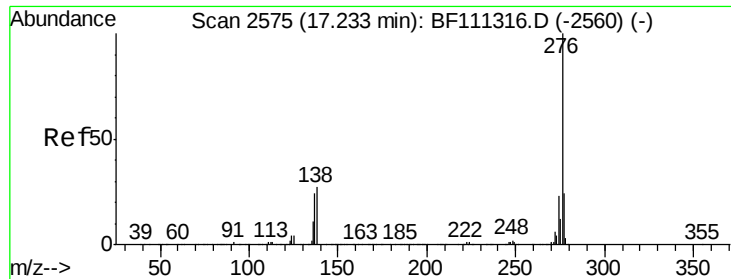
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	25.2	12.3	18.5#



#91
Dibenzo(a,h)anthracene
Concen: 0.610 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.02 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.3	18.2	27.4#
279	28.5	19.0	28.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.266 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	33.5	24.9	37.3

