

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118129.D
 Acq On : 7 Dec 2019 15:16
 Operator : JU
 Sample : K6177-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:43:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129374	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515193	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	279283	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	544060	20.00	ng	0.00
76) Chrysene-d12	14.06	240	387191	20.00	ng	-0.01
87) Perylene-d12	15.54	264	340368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	834330	112.95	ng	0.00
7) Phenol-d6	6.50	99	1048508	117.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	632500	69.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	363522	107.15	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1286639	70.10	ng	0.00
79) Terphenyl-d14	13.00	244	1653672	73.44	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.50	93	367	0.032	ng	# 1
8) 2-Chlorophenol	6.65	128	122	0.015	ng	# 1
9) Benzaldehyde	6.50	77	1841	Below Cal		# 1
10) Phenol	6.50	94	13631	1.338	ng	# 27
11) bis(2-Chloroethyl)ether	6.64	93	1043	0.142	ng	# 1
12) 1,3-Dichlorobenzene	6.89	146	436	0.045	ng	# 70
13) 1,4-Dichlorobenzene	6.89	146	436	0.045	ng	# 59
14) 1,2-Dichlorobenzene	6.89	146	436	0.047	ng	# 60
15) Benzyl Alcohol	7.02	79	11240	1.612	ng	# 55
19) n-Nitroso-di-n-propylamine	7.43	70	86794	15.987	ng	# 78
24) Nitrobenzene	7.43	77	2056	0.229	ng	# 35
25) Isophorone	7.43	82	625058	40.263	ng	# 62
38) 1-Methylnaphthalene	9.23	142	775	0.047	ng	# 32
46) 1,1'-Biphenyl	9.33	154	2749	0.125	ng	# 98
47) 2-Chloronaphthalene	9.62	162	120	0.007	ng	# 1
48) 2-Nitroaniline	9.62	65	774	0.153	ng	# 1
49) Acenaphthylene	9.76	152	121	0.005	ng	# 60
50) Dimethylphthalate	9.62	163	92003	4.460	ng	# 100
51) 2,6-Dinitrotoluene	9.92	165	35573	7.930	ng	# 28
52) Acenaphthene	9.92	154	1018	0.064	ng	# 4
57) 2,4-Dinitrotoluene	9.92	165	35573	5.942	ng	# 25
58) Fluorene	10.70	166	13160	0.709	ng	# 89
60) Diethylphthalate	10.33	149	165	0.008	ng	# 60
63) Azobenzene	10.70	77	1756	0.101	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.70	198	763	0.254	ng	# 1
66) n-Nitrosodiphenylamine	10.70	169	10528	0.620	ng	# 50
67) 4-Bromophenyl-phenylether	10.70	248	21943	3.533	ng	# 1
71) Phenanthrene	11.43	178	581	0.020	ng	# 60
72) Anthracene	11.43	178	581	0.020	ng	# 61
74) Di-n-butylphthalate	11.96	149	1142	0.035	ng	# 78
75) Fluoranthene	12.63	202	1208	0.041	ng	# 76
77) Benzidine	13.00	184	23634	2.319	ng	# 93
78) Pvrene	12.85	202	1271	0.042	ng	# 56
80) Butylbenzylphthalate	13.47	149	123	0.009	ng	# 21

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118129.D
 Acq On : 7 Dec 2019 15:16
 Operator : JU
 Sample : K6177-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:43:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

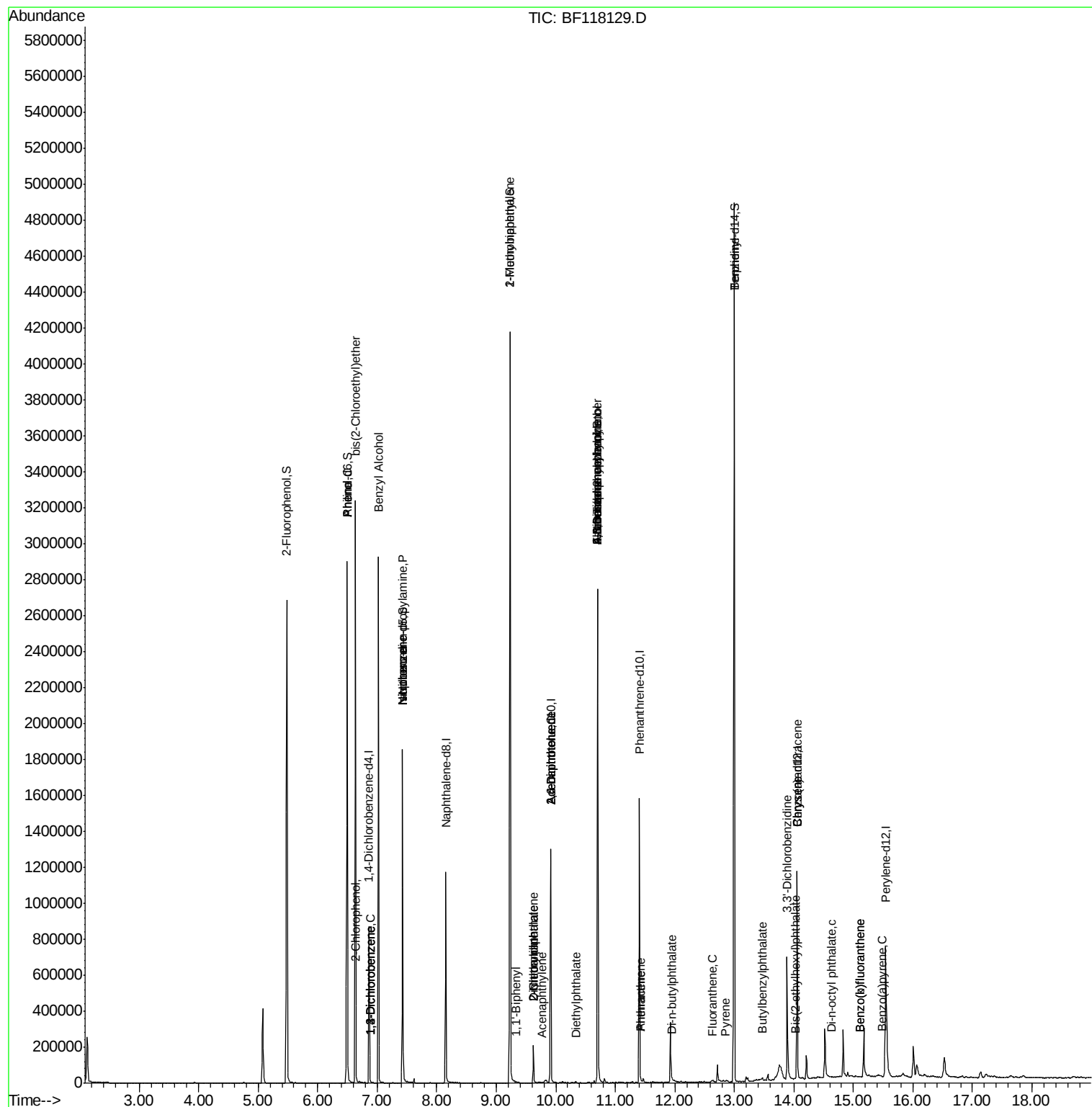
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	14.06	228	2176	0.081	nq	# 66
82) 3,3'-Dichlorobenzidine	13.89	252	268	0.030	nq	# 1
83) Chrysene	14.06	228	2176	0.085	nq	# 63
84) Bis(2-ethylhexyl)phthalate	14.03	149	2407	0.132	nq	# 95
85) Di-n-octyl phthalate	14.64	149	456	0.017	nq	# 71
88) Benzo(b)fluoranthene	15.12	252	1647	0.073	nq	# 59
89) Benzo(k)fluoranthene	15.12	252	1647	0.076	nq	# 60
90) Benzo(a)pyrene	15.49	252	520	0.026	nq	# 11

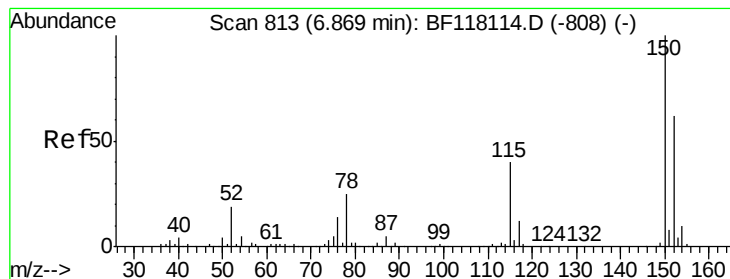
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
Operator : JU
Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 09 05:43:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



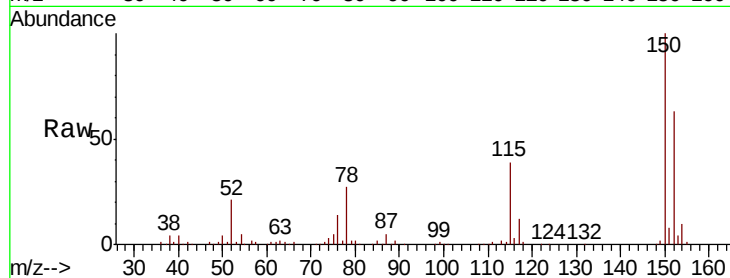


#1

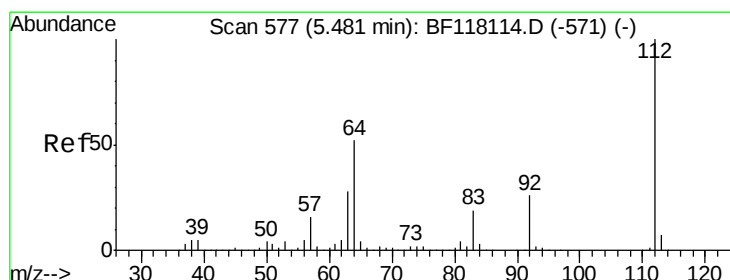
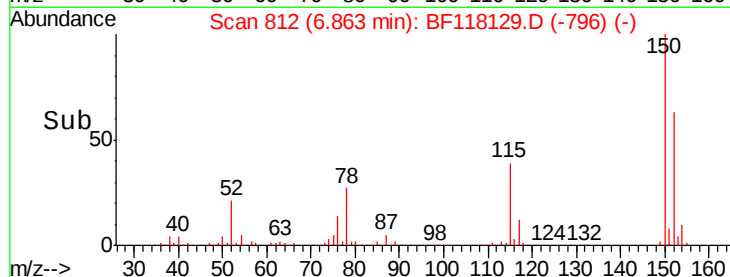
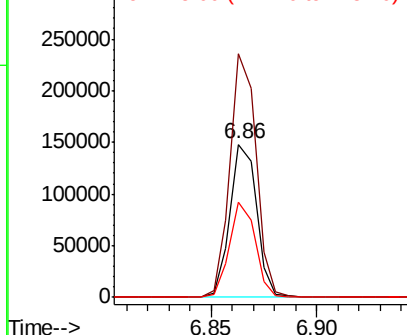
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129374
Ion Ratio Lower Upper
152 100
150 158.8 128.3 192.5
115 62.4 51.1 76.7



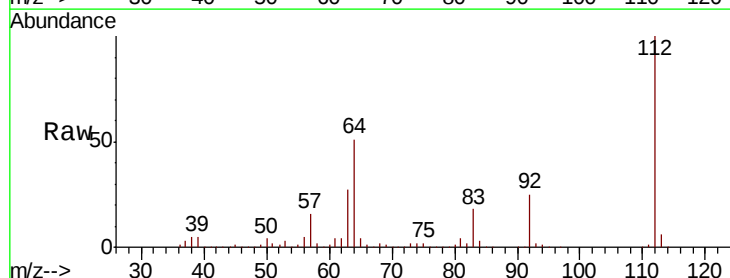
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



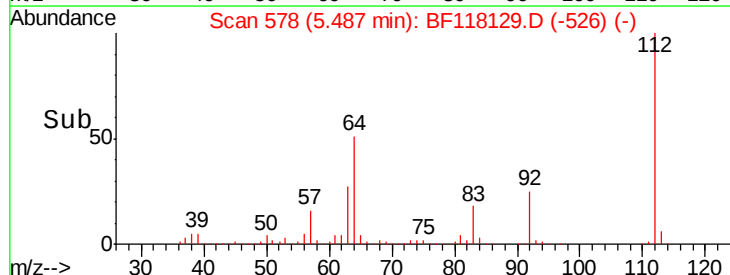
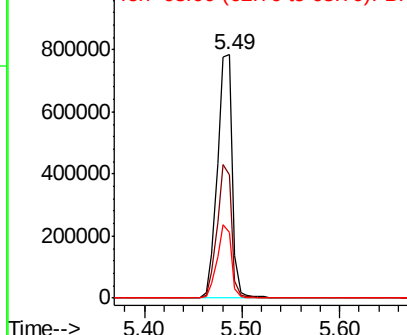
#5

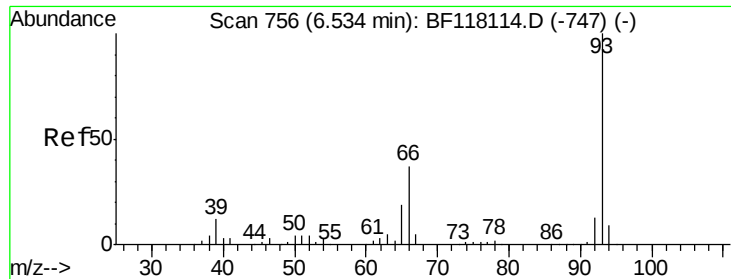
2-Fluorophenol
Concen: 112.952 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:112 Resp: 834330
Ion Ratio Lower Upper
112 100
64 50.5 41.3 61.9
63 27.2 22.4 33.6



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





#6

Aniline

Concen: 0.032 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

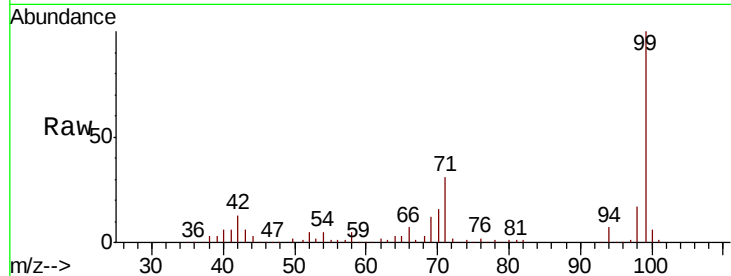
Tot Ion: 93 Resp: 367

Ion Ratio Lower Upper

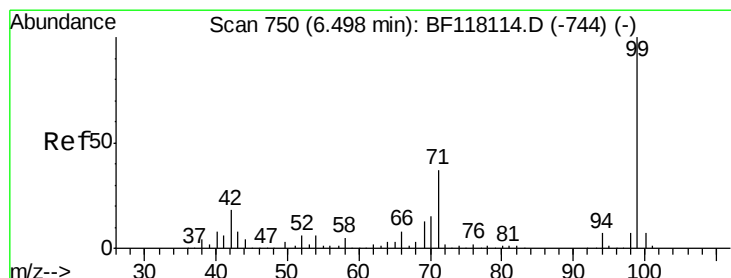
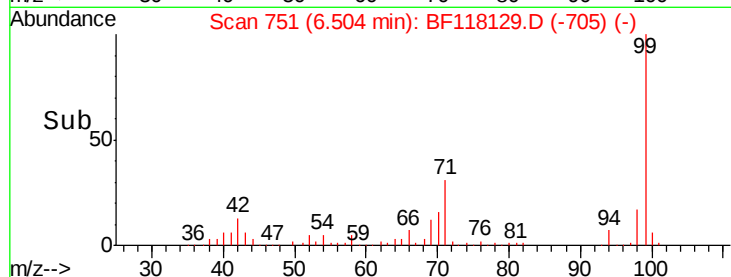
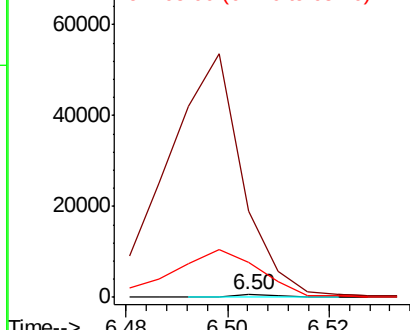
93 100

66 3219.1 30.2 45.2#

65 1308.0 15.5 23.3#



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: 117.357 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

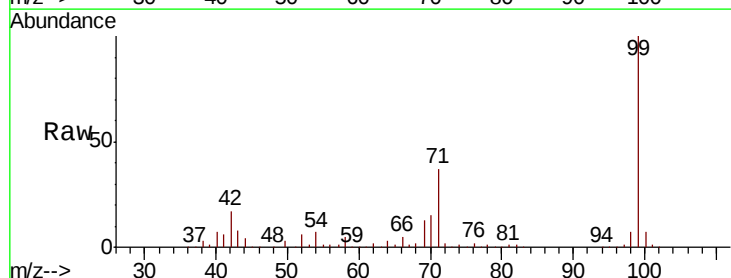
Tgt Ion: 99 Resp: 1048508

Ion Ratio Lower Upper

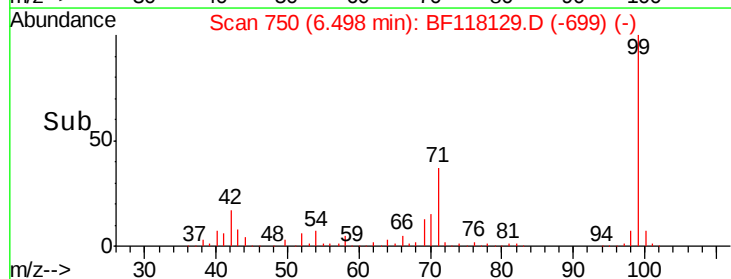
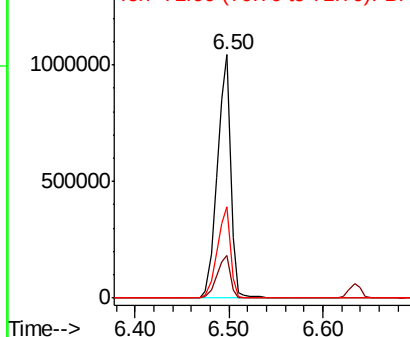
99 100

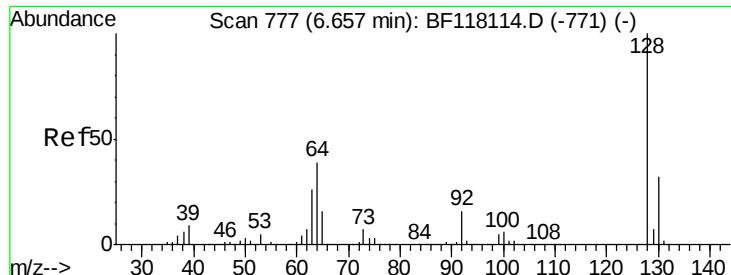
42 17.3 14.1 21.1

71 37.5 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.015 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

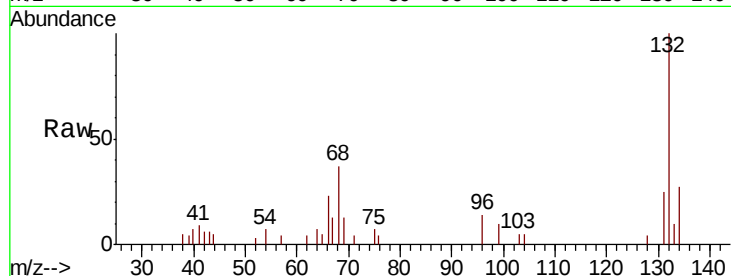
Tot Ion:128 Resp: 122

Ion Ratio Lower Upper

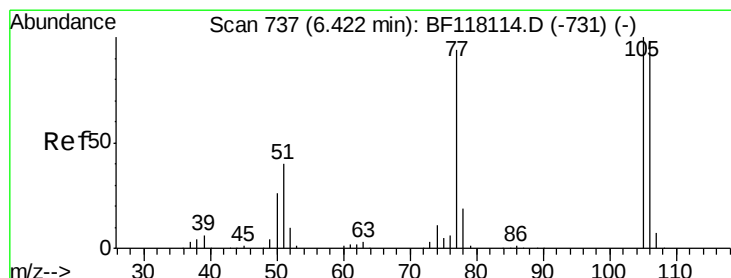
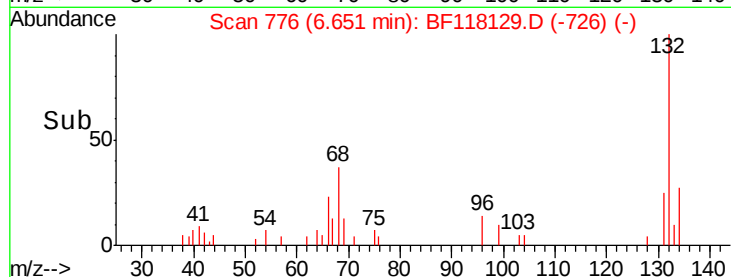
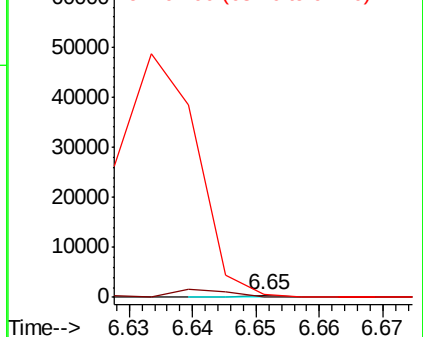
128 100

130 0.0 12.1 52.1#

64 190.2 19.3 59.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: Below Cal

RT: 6.50 min Scan# 750

Delta R.T. 0.08 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

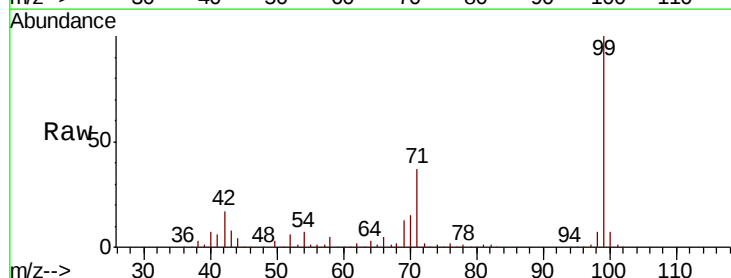
Tgt Ion: 77 Resp: 1841

Ion Ratio Lower Upper

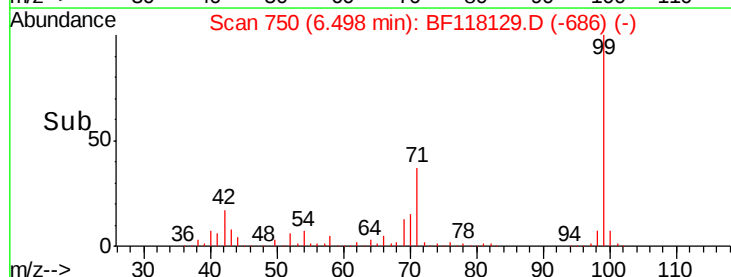
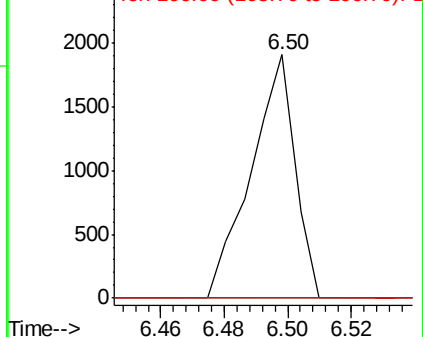
77 100

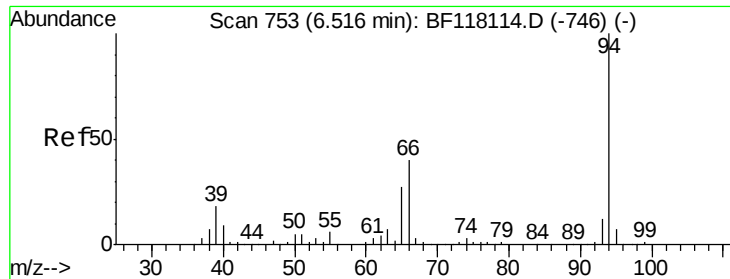
105 0.0 86.4 126.4#

106 0.0 83.8 123.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.338 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

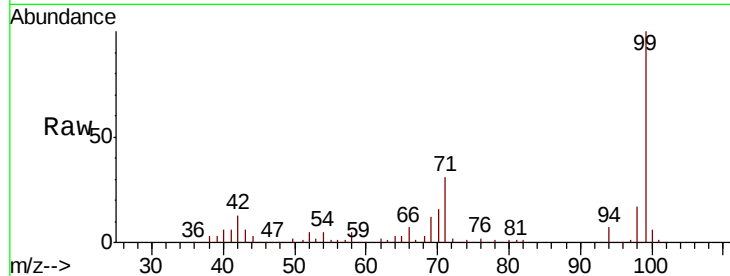
Tot Ion: 94 Resp: 13631

Ion Ratio Lower Upper

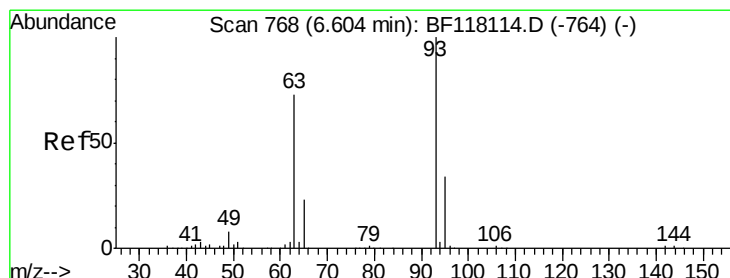
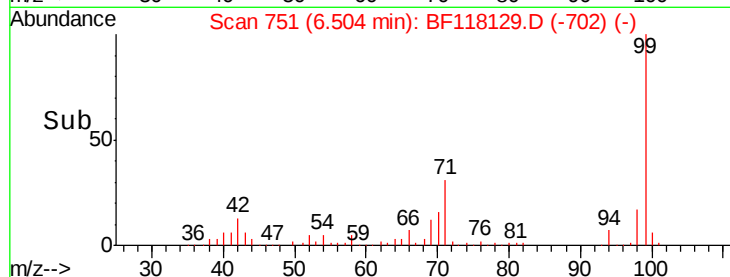
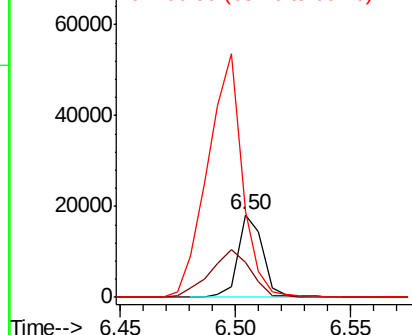
94 100

65 42.1 7.3 47.3

66 103.7 20.2 60.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.142 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.04 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

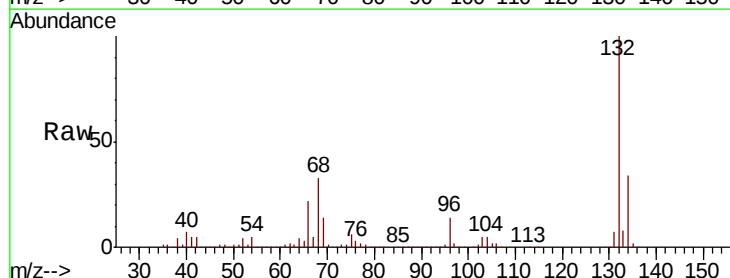
Tgt Ion: 93 Resp: 1043

Ion Ratio Lower Upper

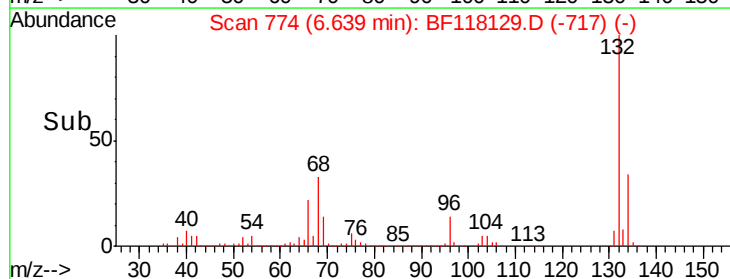
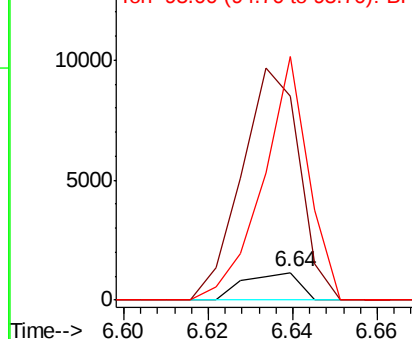
93 100

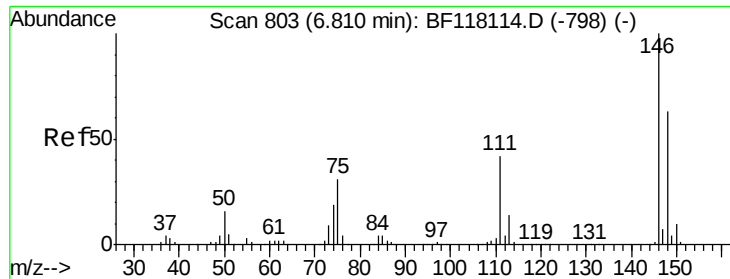
63 743.5 53.2 93.2#

95 887.9 13.8 53.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

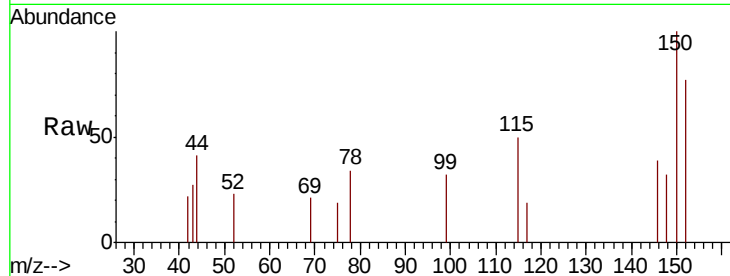




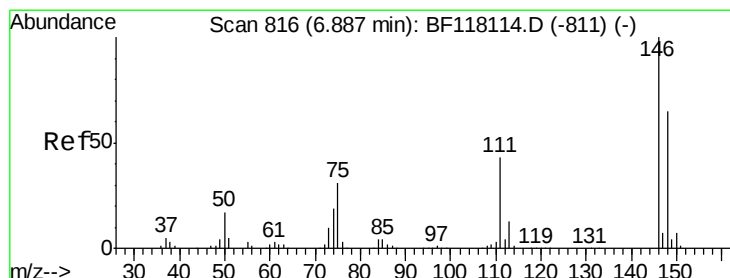
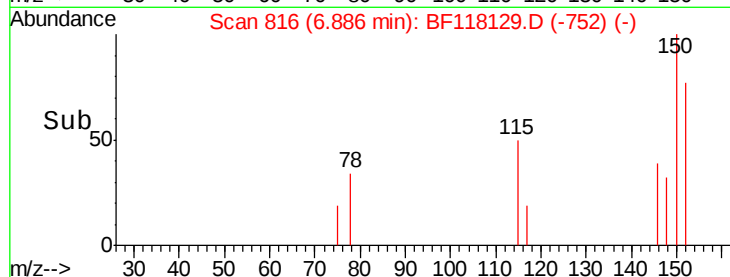
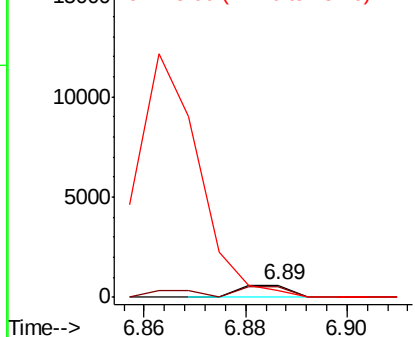
#12
 1,3-Dichlorobenzene
 Concen: 0.045 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.08 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 436
 Ion Ratio Lower Upper
 146 100
 148 84.0 50.2 75.4#
 75 49.5 24.6 37.0#

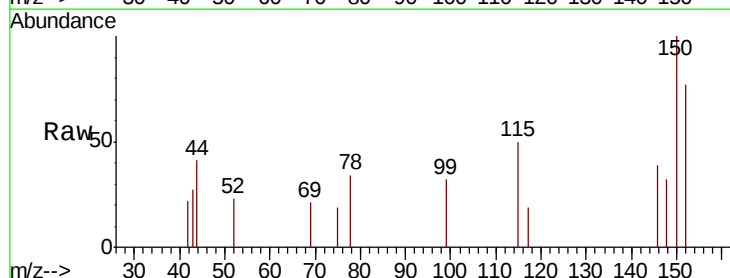


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

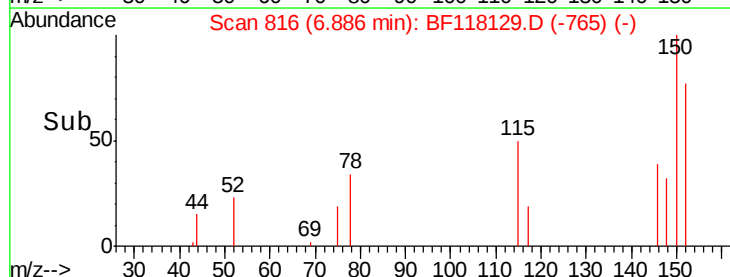
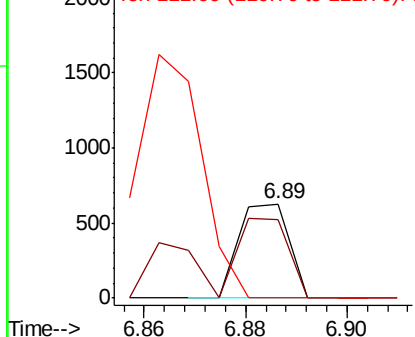


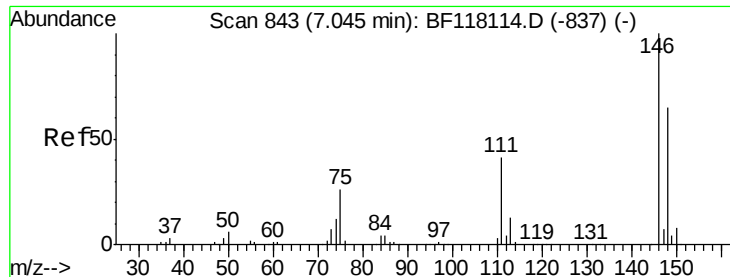
#13
 1,4-Dichlorobenzene
 Concen: 0.045 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Tgt Ion:146 Resp: 436
 Ion Ratio Lower Upper
 146 100
 148 84.0 52.1 78.1#
 111 0.0 34.6 52.0#



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

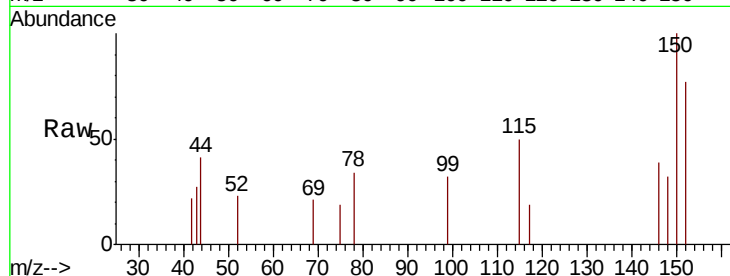




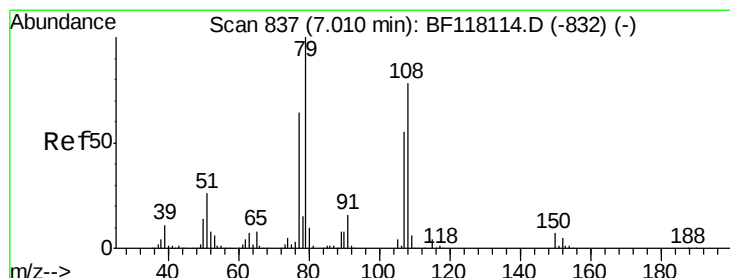
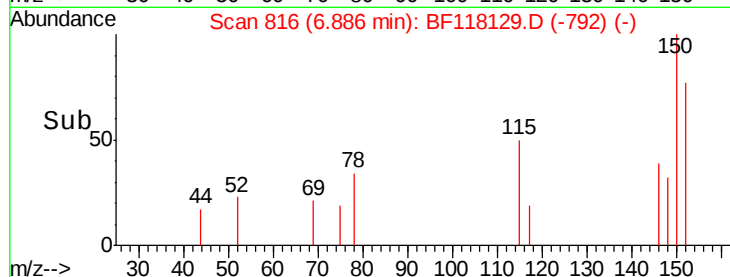
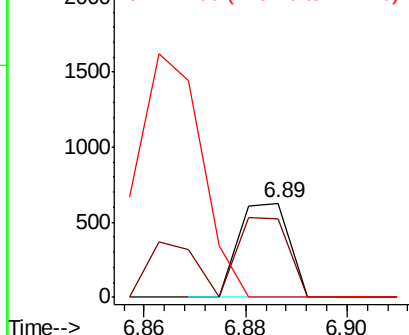
#14
 1,2-Dichlorobenzene
 Concen: 0.047 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.16 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 436
 Ion Ratio Lower Upper
 146 100
 148 84.0 52.2 78.2#
 111 0.0 33.1 49.7#

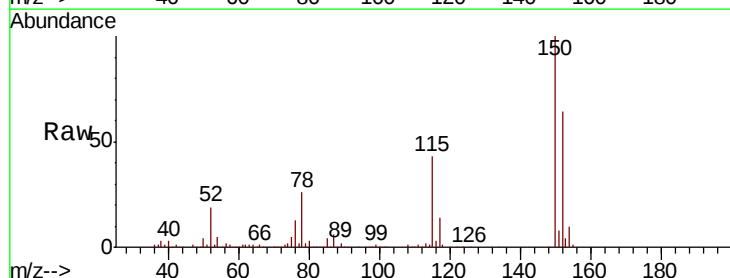


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

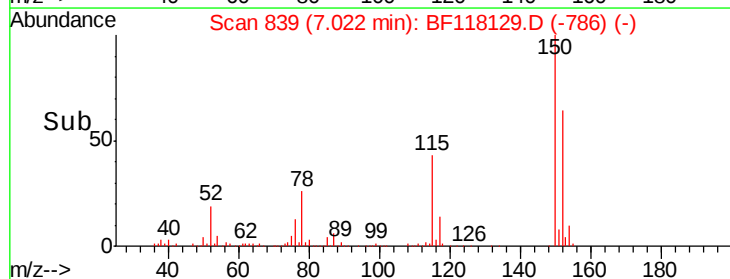
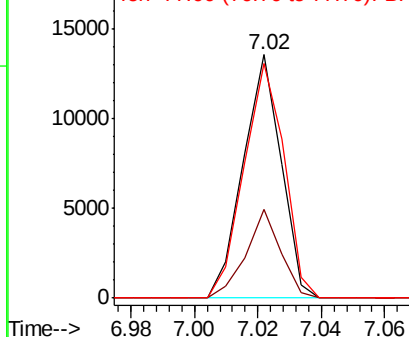


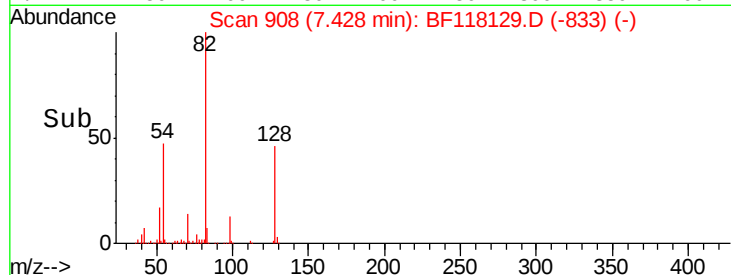
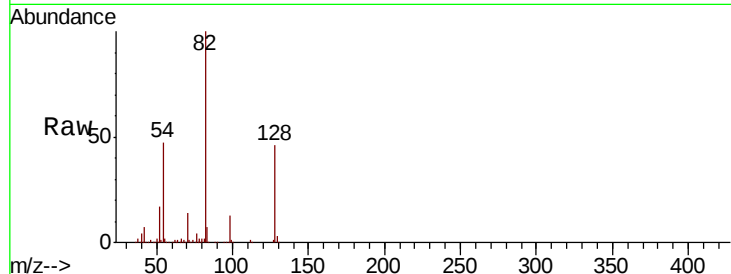
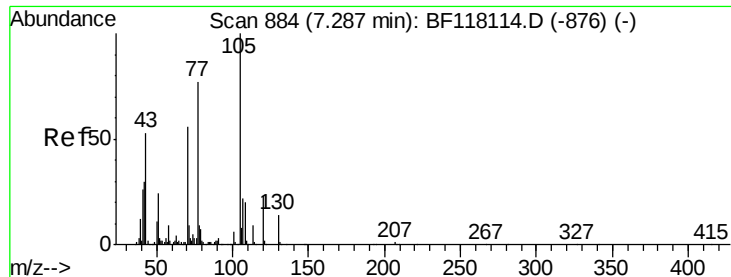
#15
 Benzyl Alcohol
 Concen: 1.612 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.01 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Tgt Ion: 79 Resp: 11240
 Ion Ratio Lower Upper
 79 100
 108 36.4 62.7 94.1#
 77 96.6 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1

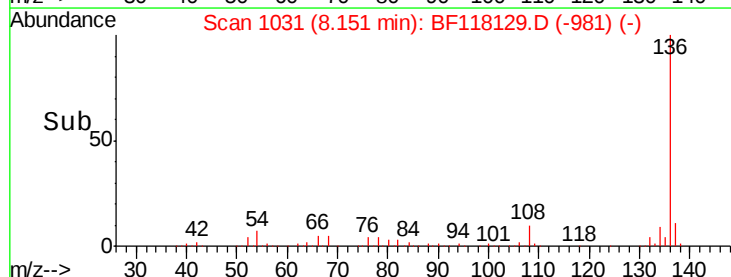
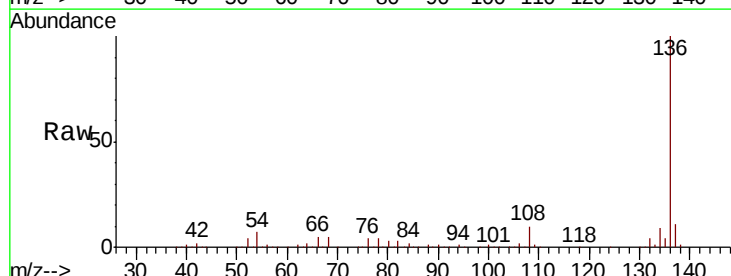
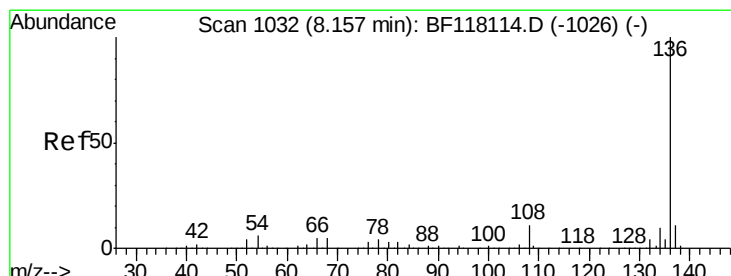
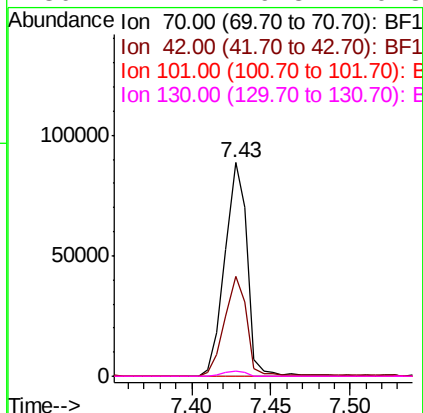




#19
n-Nitroso-di-n-propylamine
Concen: 15.987 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

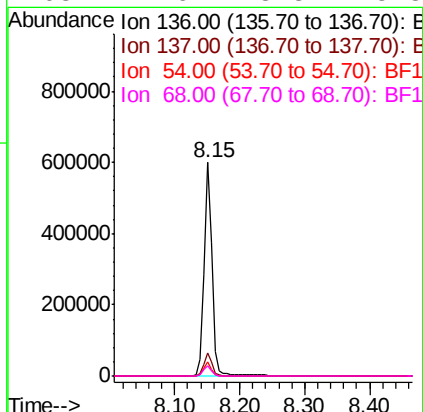
Instrument :
BNA_F
ClientSampled :

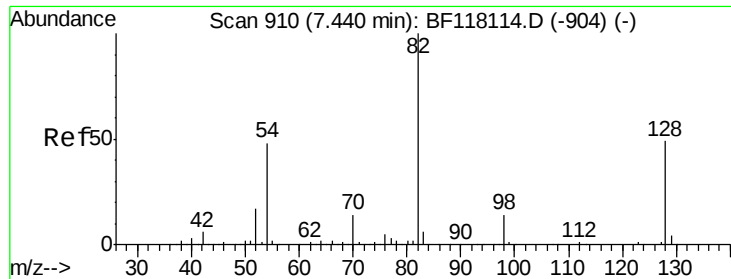
Tot Ion: 70 Resp: 86794
Ion Ratio Lower Upper
70 100
42 46.8 43.2 64.8
101 0.0 8.1 12.1#
130 2.4 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion: 136 Resp: 515193
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.5 5.0 7.6
68 4.6 3.8 5.8

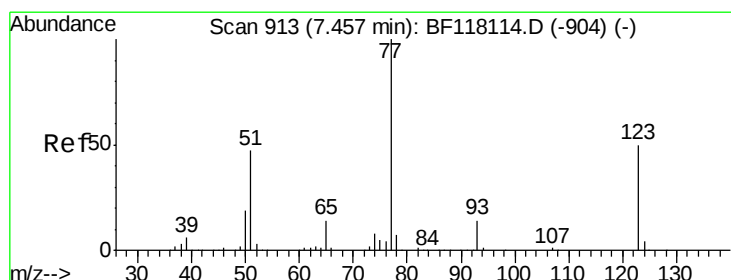
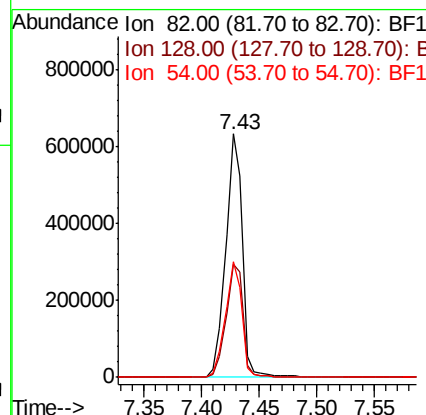
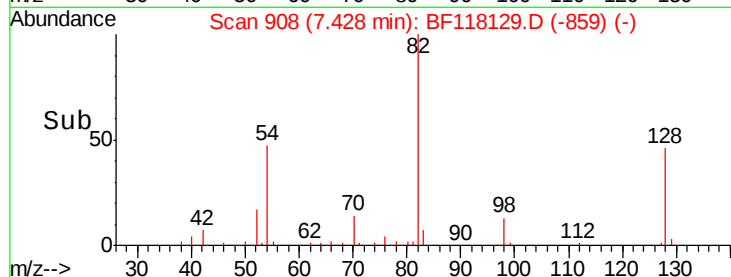
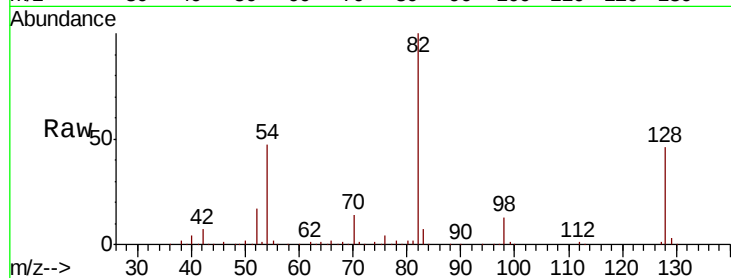




#23
 Nitrobenzene-d5
 Concen: 69.067 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

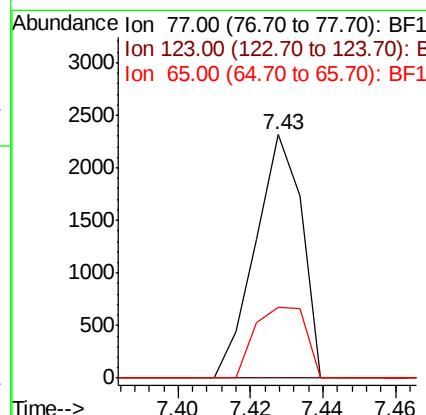
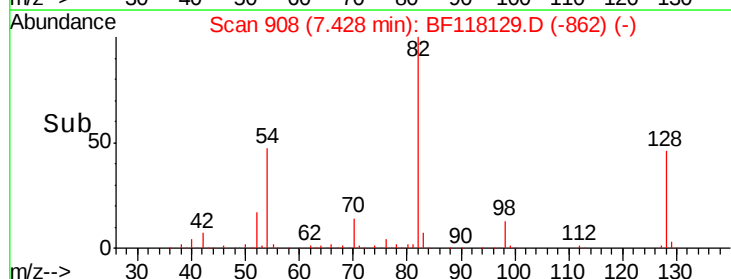
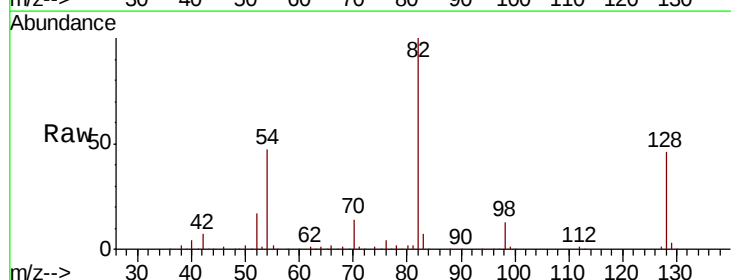
Instrument :
 BNA_F
 ClientSampled :

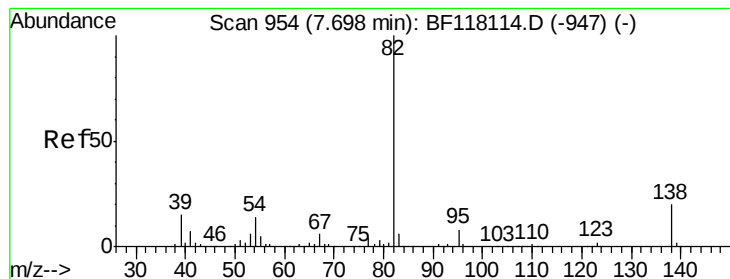
Tot Ion: 82 Resp: 632500
 Ion Ratio Lower Upper
 82 100
 128 46.2 39.1 58.7
 54 47.5 38.2 57.2



#24
 Nitrobenzene
 Concen: 0.229 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Tgt Ion: 77 Resp: 2056
 Ion Ratio Lower Upper
 77 100
 123 0.0 40.1 60.1#
 65 29.1 10.9 16.3#





#25

Isophorone

Concen: 40.263 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

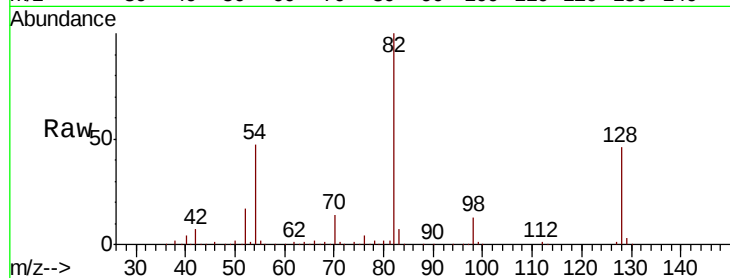
Tot Ion: 82 Resp: 625058

Ion Ratio Lower Upper

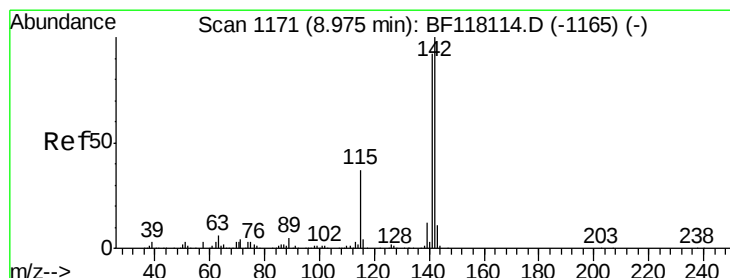
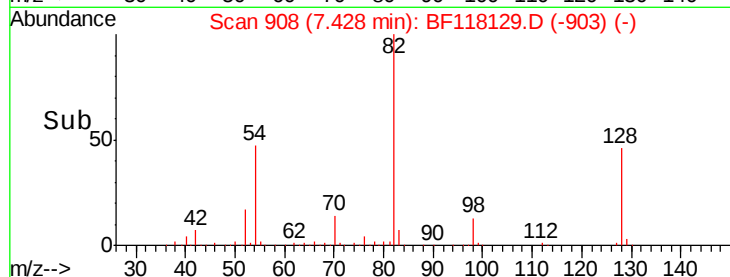
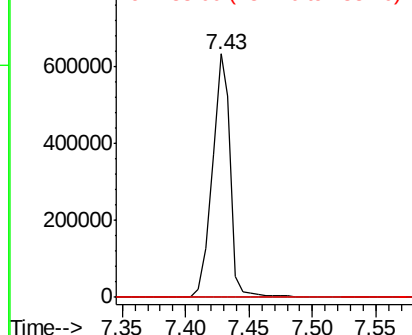
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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



#38

1-Methylnaphthalene

Concen: 0.047 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.26 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

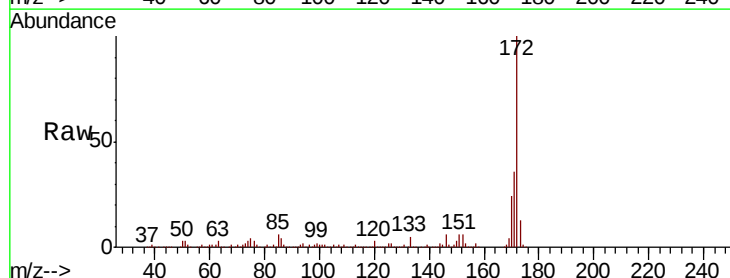
Tgt Ion: 142 Resp: 775

Ion Ratio Lower Upper

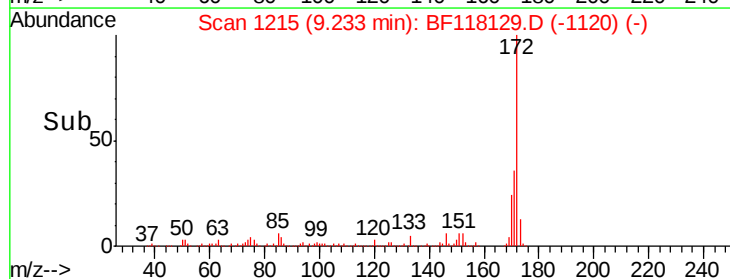
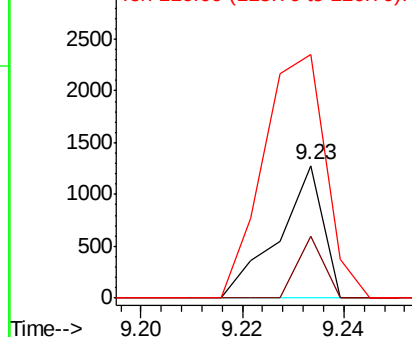
142 100

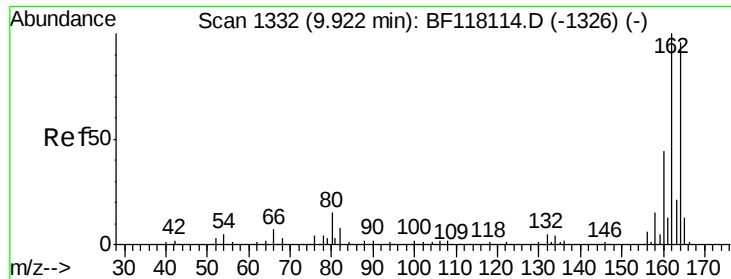
141 46.9 74.0 111.0#

116 183.2 3.2 4.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

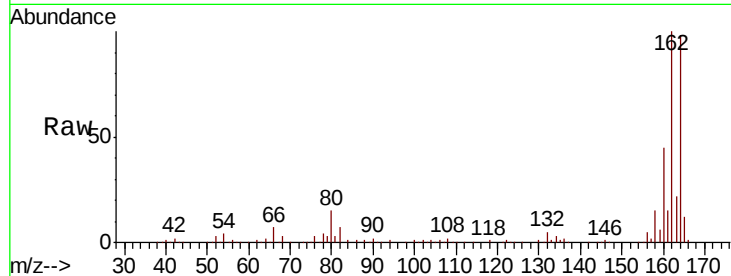




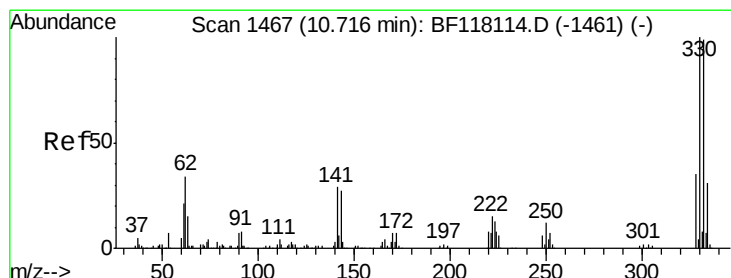
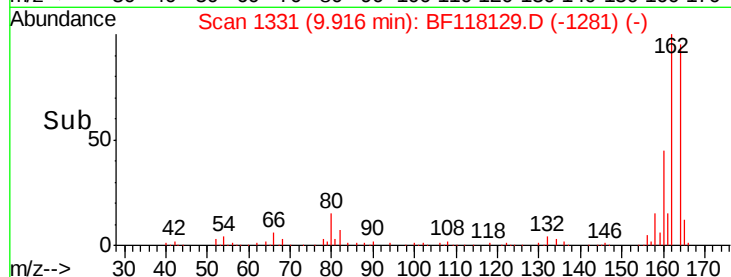
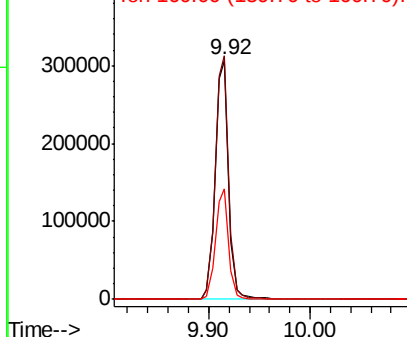
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 279283
Ion Ratio Lower Upper
164 100
162 102.1 83.4 125.0
160 46.2 36.6 54.8

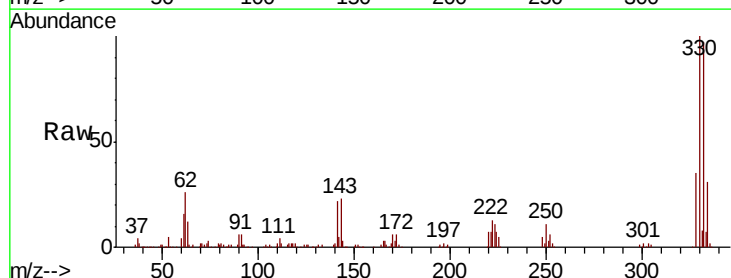


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

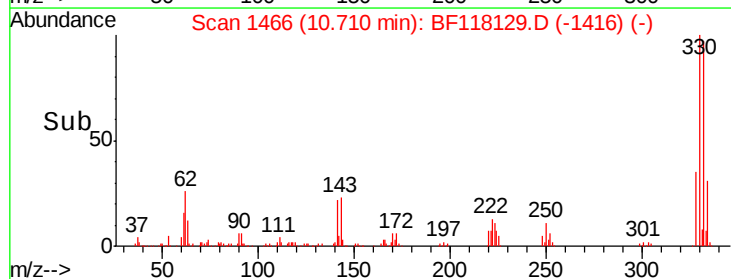
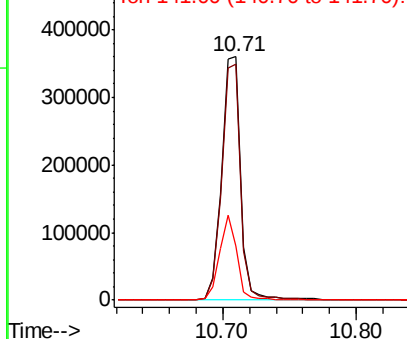


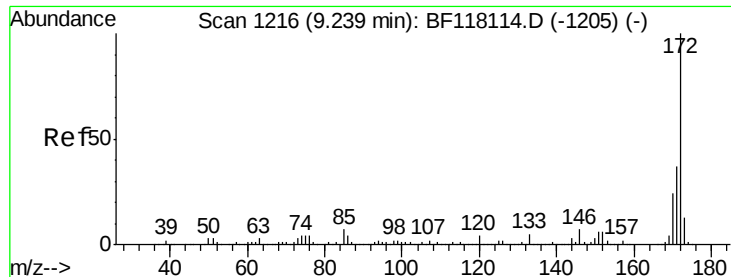
#42
2,4,6-Tribromophenol
Concen: 107.146 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:330 Resp: 363522
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 32.0 26.9 40.3



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

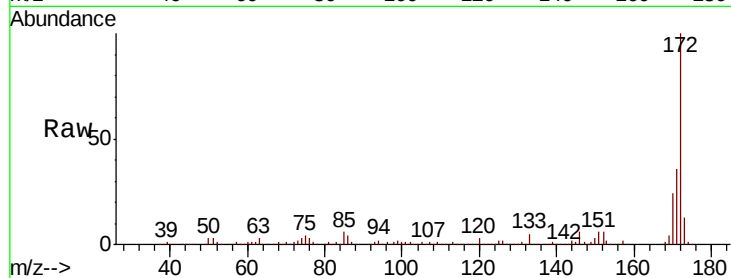




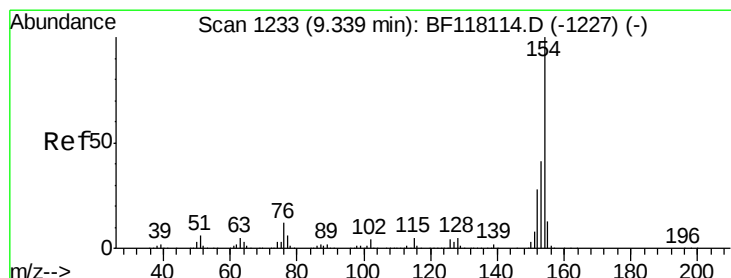
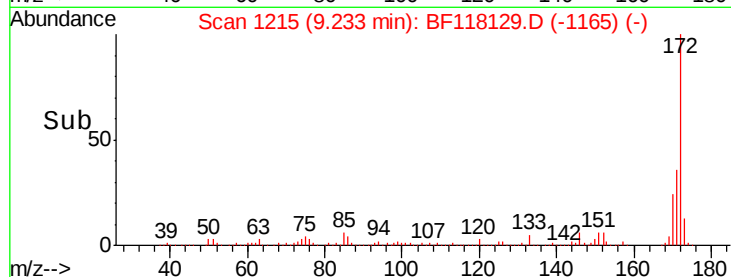
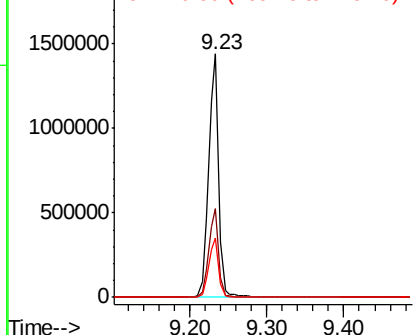
#45
2-Fluorobiphenyl
Concen: 70.101 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1286639
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.2 19.4 29.2

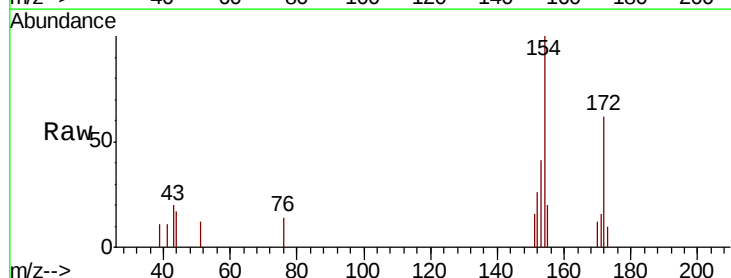


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

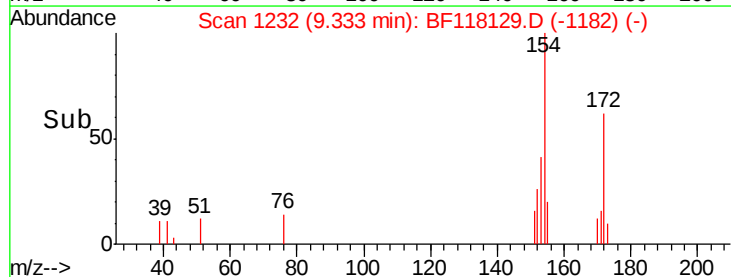
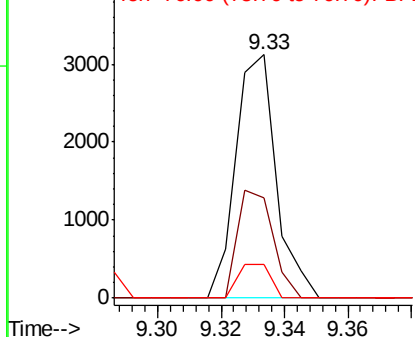


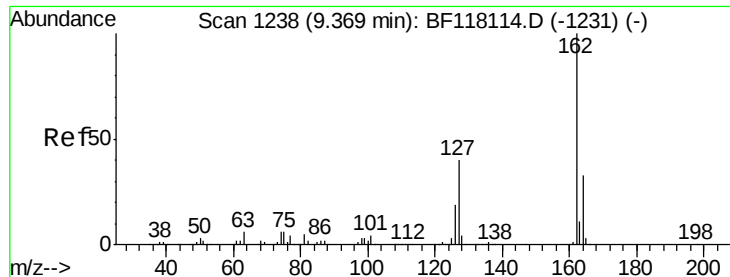
#46
1,1'-Biphenyl
Concen: 0.125 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:154 Resp: 2749
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 13.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

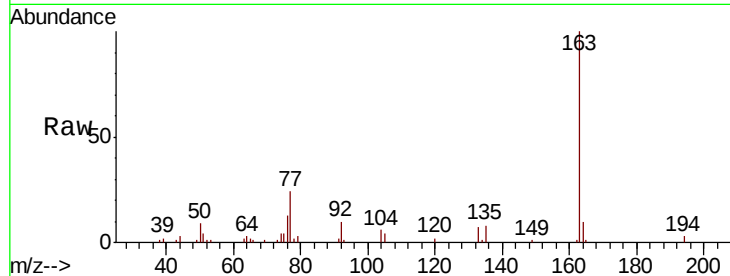




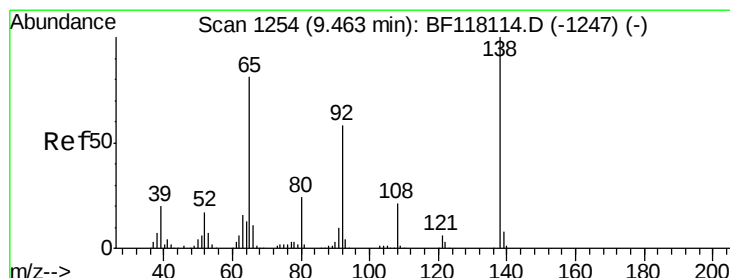
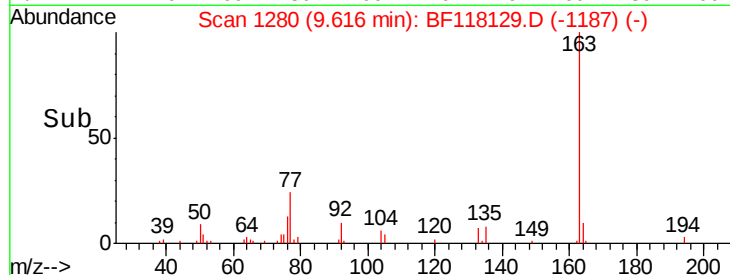
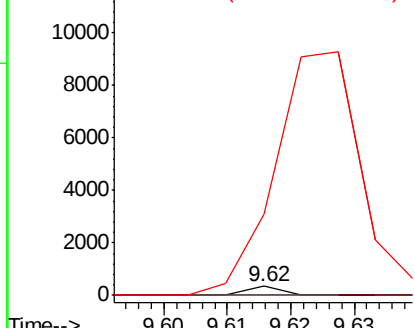
#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.25 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 120
Ion Ratio Lower Upper
162 100
127 0.0 32.0 48.0#
164 915.0 26.1 39.1#

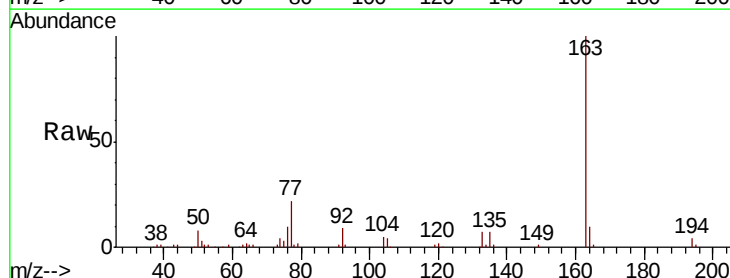


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

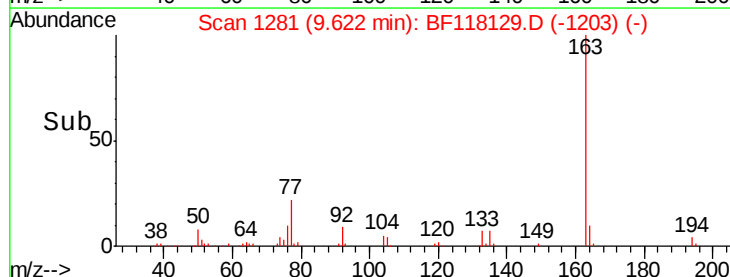
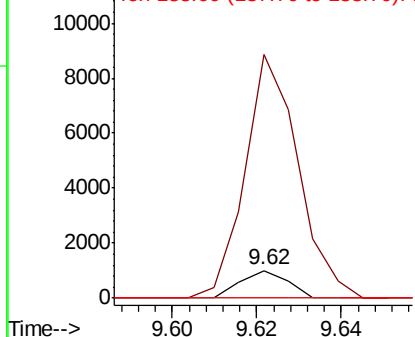


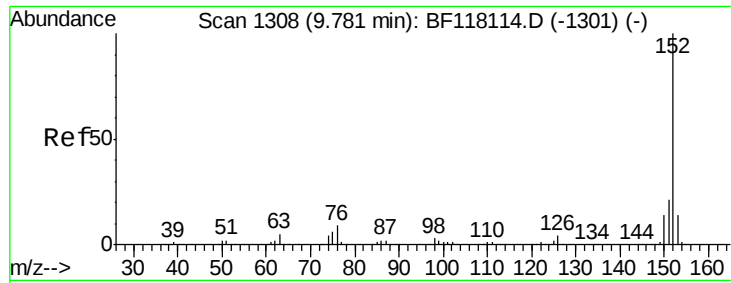
#48
2-Nitroaniline
Concen: 0.153 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion: 65 Resp: 774
Ion Ratio Lower Upper
65 100
92 889.3 57.8 86.6#
138 0.0 98.8 148.2#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.005 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

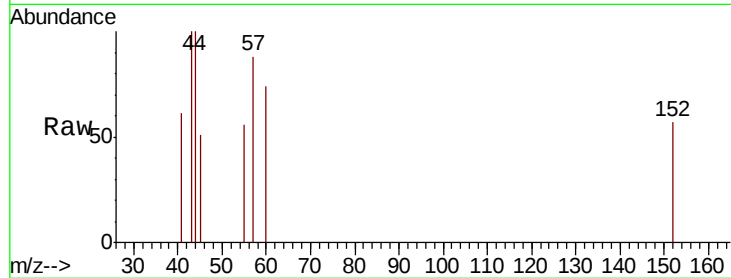
Tot Ion:152 Resp: 121

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

153 0.0 10.8 16.2#



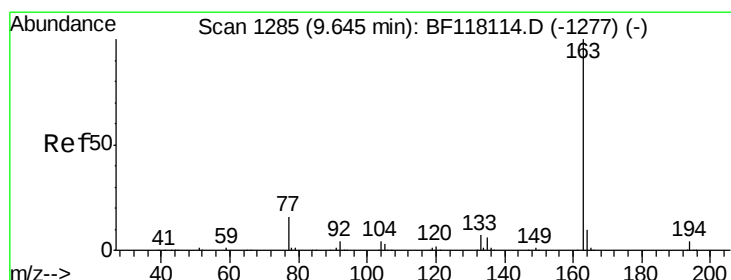
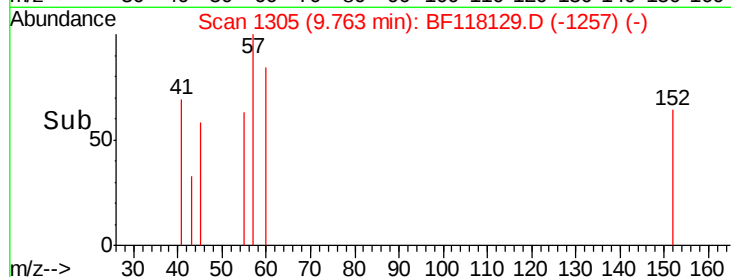
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.76

Time-->



#50

Dimethylphthalate

Concen: 4.460 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

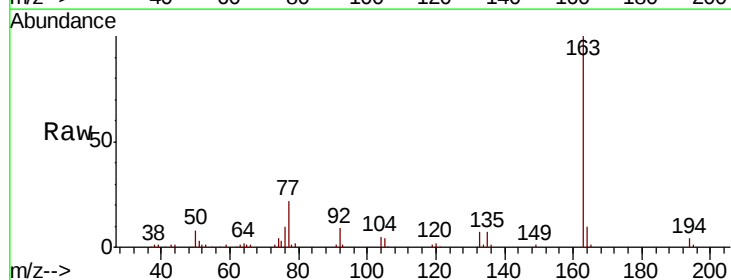
Tgt Ion:163 Resp: 92003

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.6 7.7 11.5



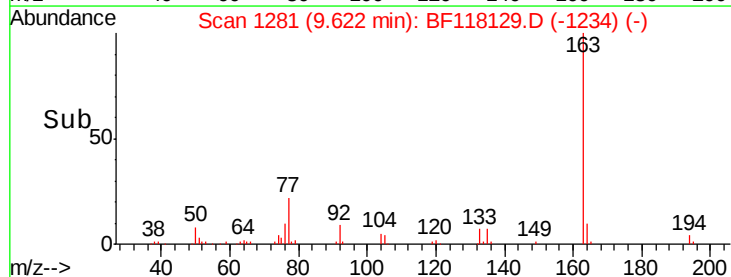
Abundance Ion 163.00 (162.70 to 163.70): E

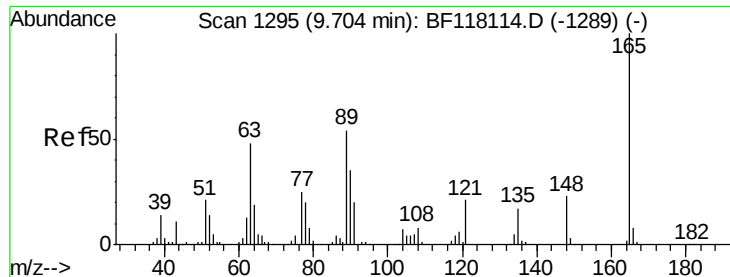
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.62

Time-->





#51

2,6-Dinitrotoluene

Concen: 7.930 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampled :

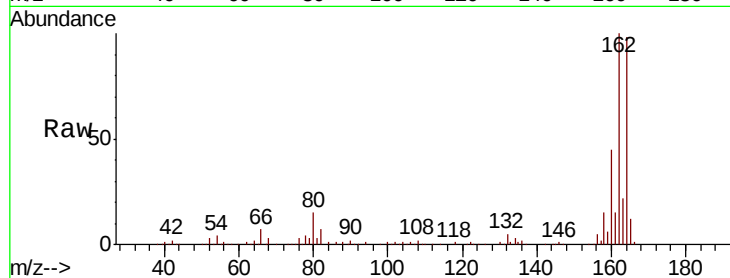
Tot Ion:165 Resp: 35573

Ion Ratio Lower Upper

165 100

63 1.3 41.4 62.0#

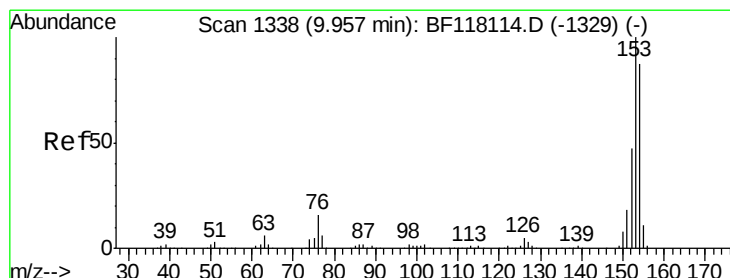
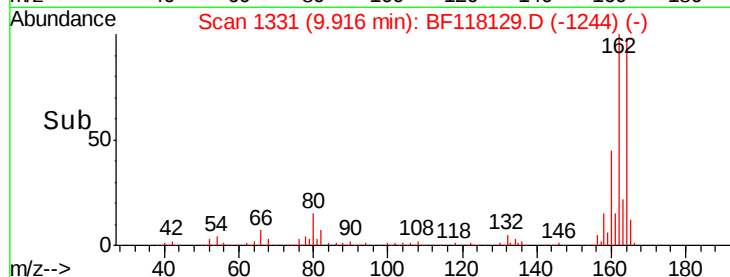
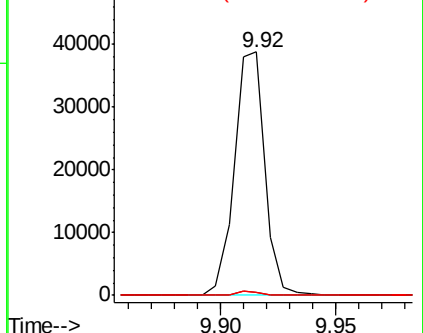
89 1.5 42.9 64.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.064 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.04 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

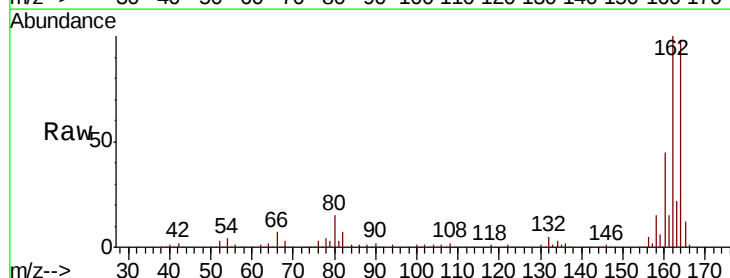
Tgt Ion:154 Resp: 1018

Ion Ratio Lower Upper

154 100

153 0.0 91.8 137.6#

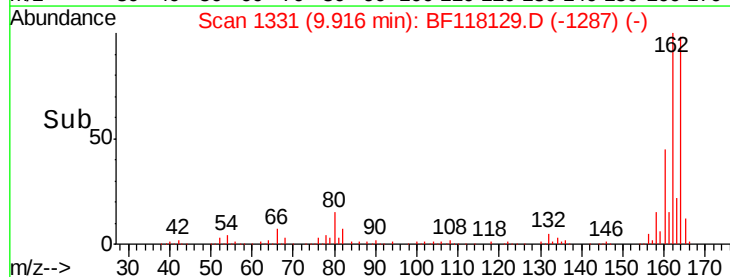
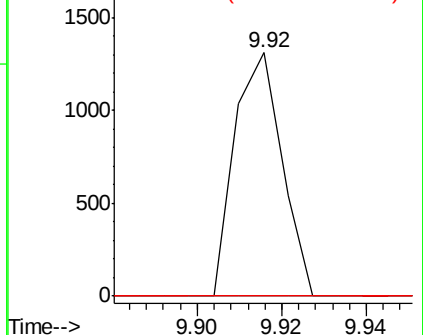
152 0.0 43.3 64.9#

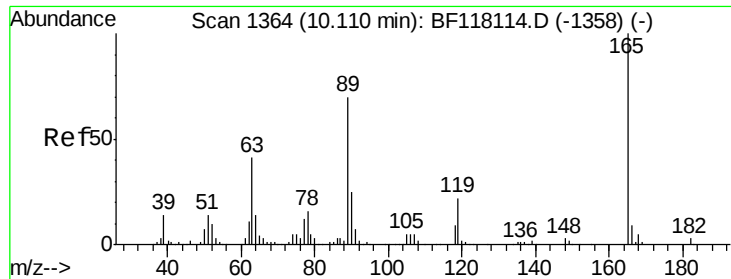


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

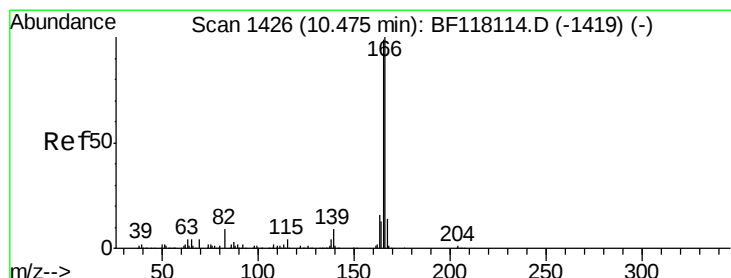
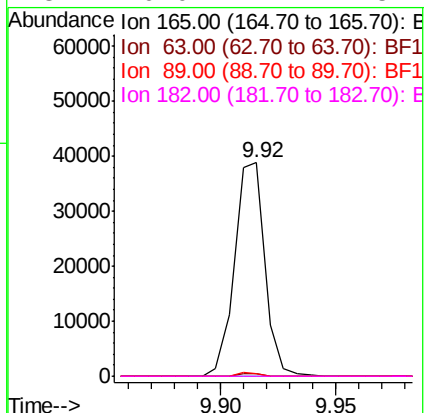
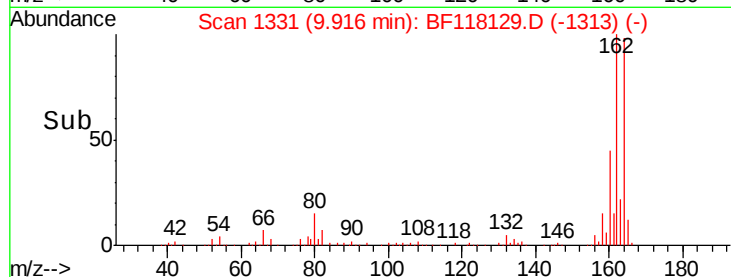
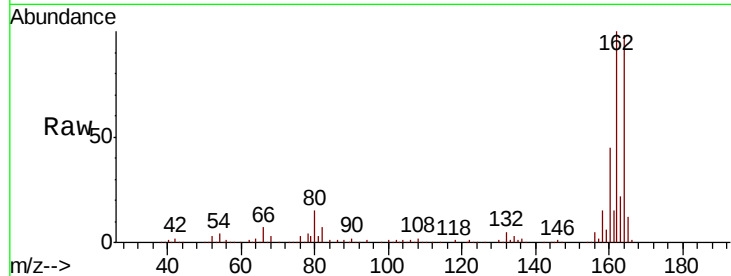




#57
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

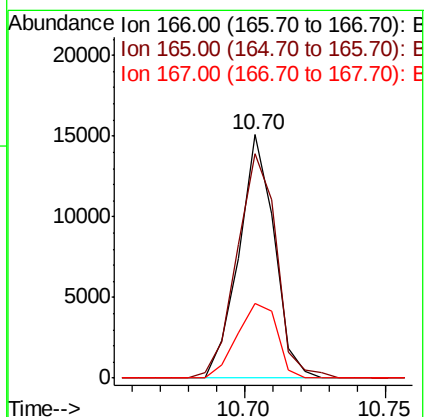
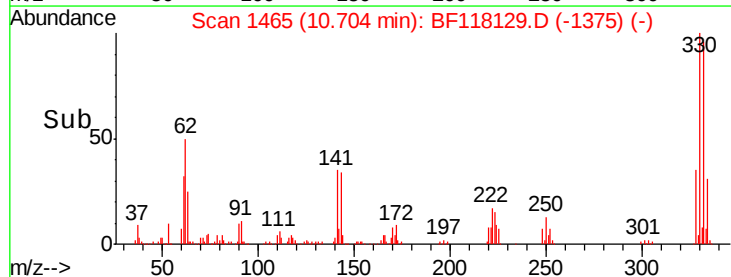
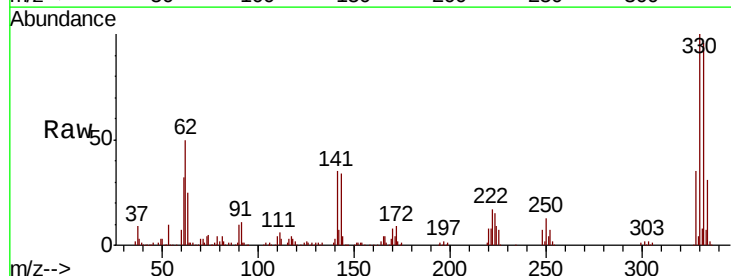
Instrument :
BNA_F
ClientSampleId :

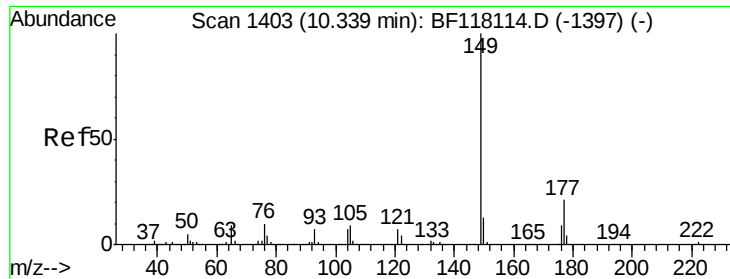
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.6	49.0#
89	1.5	56.1	84.1#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: 0.709 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.23 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.0	79.0	118.4
167	30.8	10.9	16.3#

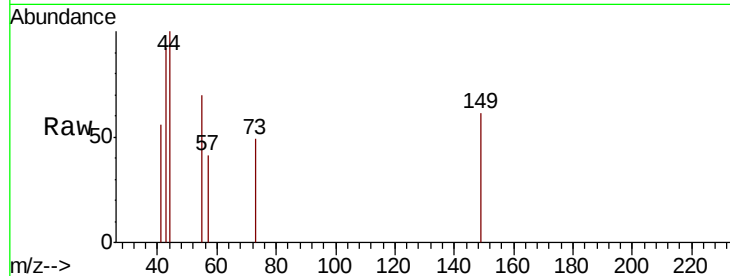




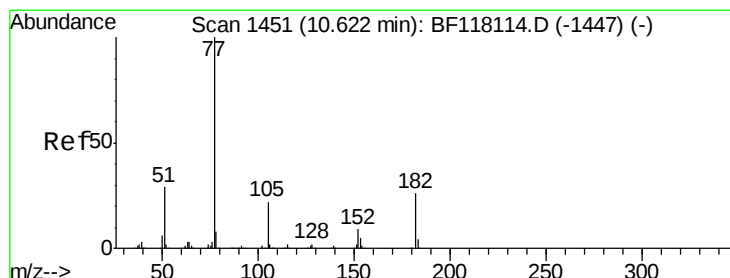
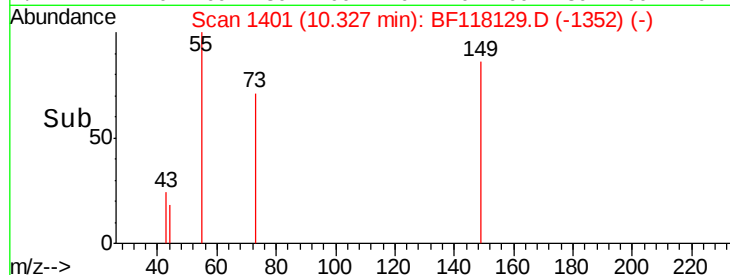
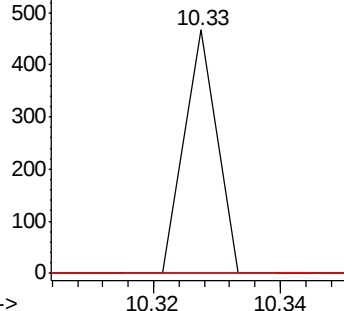
#60
Diethylphthalate
Concen: 0.008 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 165
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.4#
150 0.0 10.1 15.1#

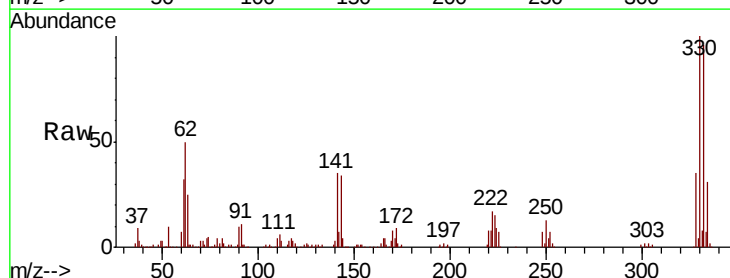


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

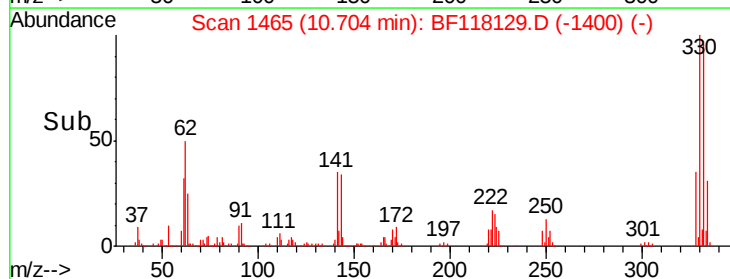
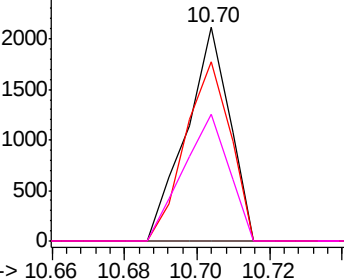


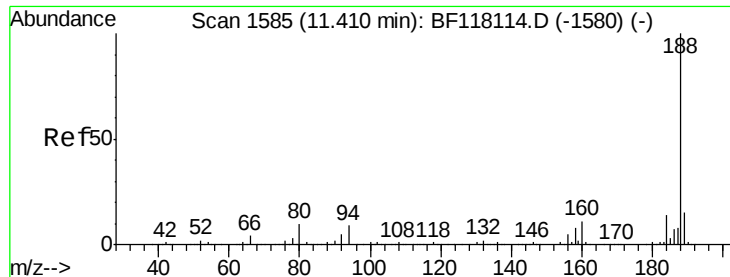
#63
Azobenzene
Concen: 0.101 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.08 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion: 77 Resp: 1756
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 83.6 2.2 42.2#
51 59.5 9.6 49.6#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

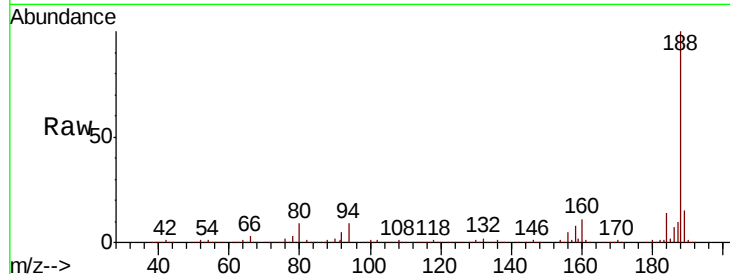




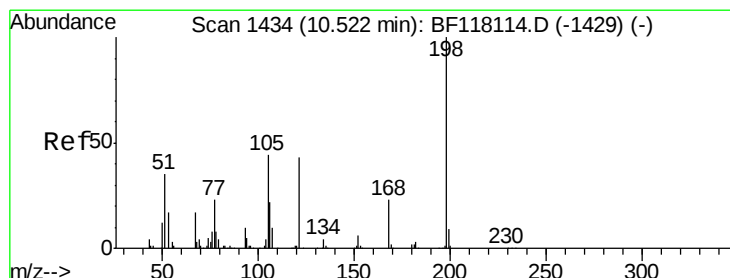
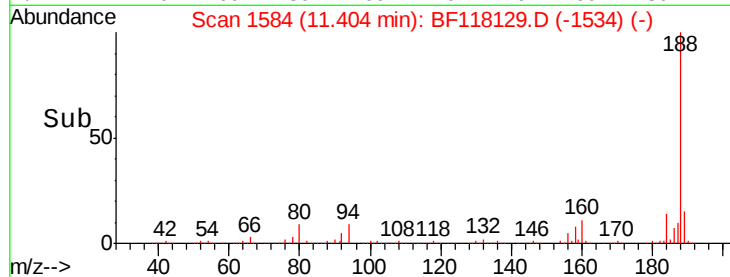
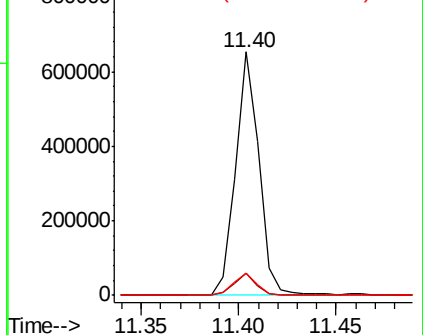
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 544060
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.1 7.9 11.9

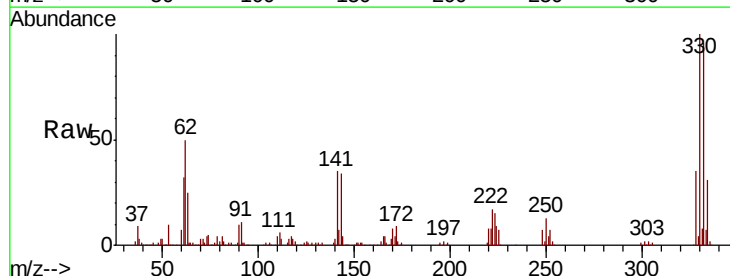


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

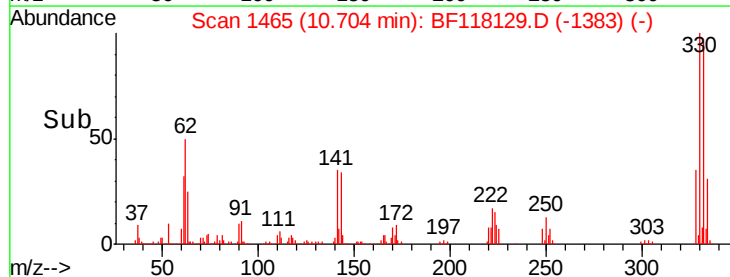
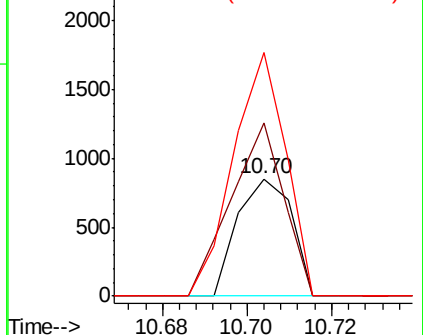


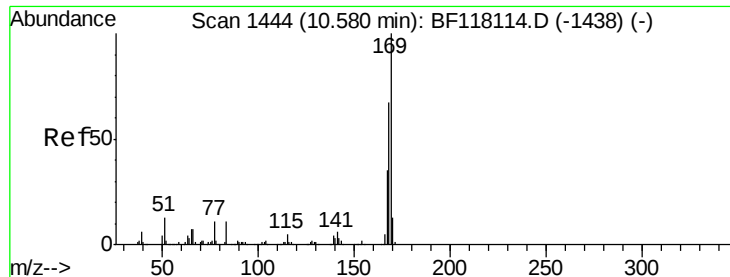
#65
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:198 Resp: 763
Ion Ratio Lower Upper
198 100
51 148.2 22.0 62.0#
105 208.2 25.6 65.6#



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

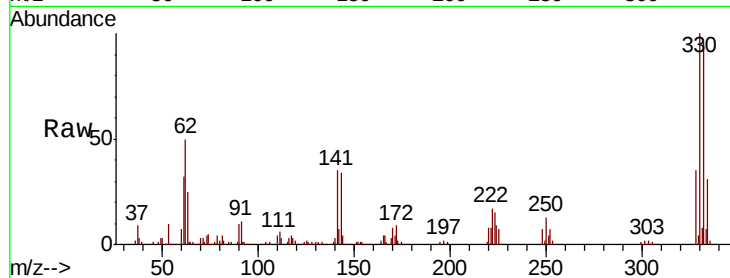




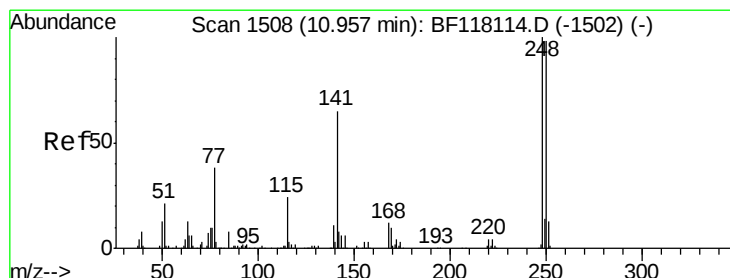
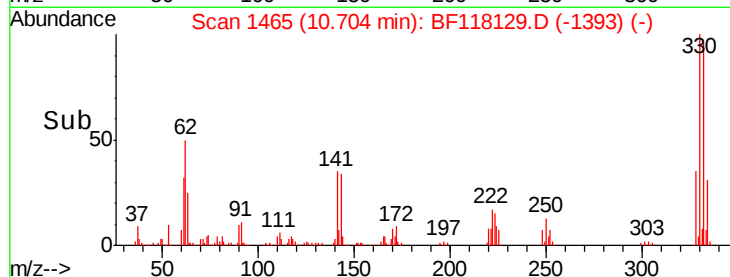
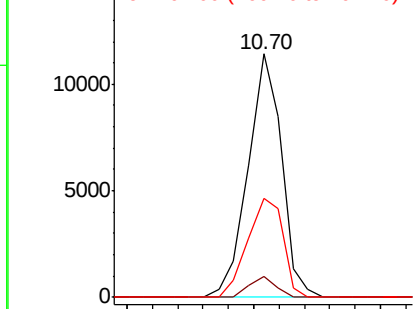
#66
n-Nitrosodiphenylamine
Concen: 0.620 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.12 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 10528
Ion Ratio Lower Upper
169 100
168 8.8 53.4 80.2#
167 40.8 28.4 42.6

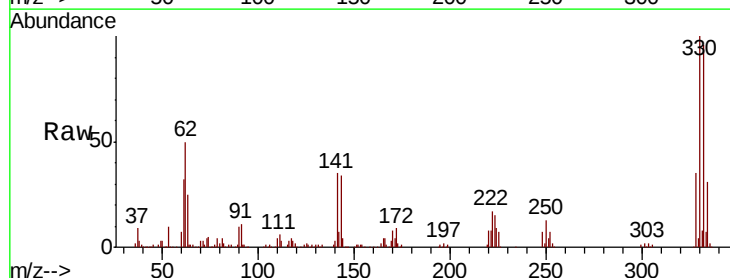


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

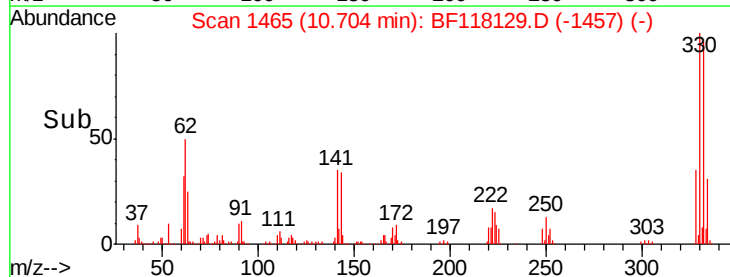
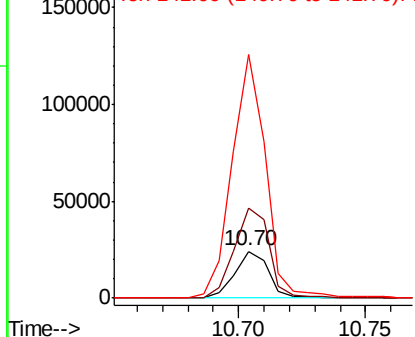


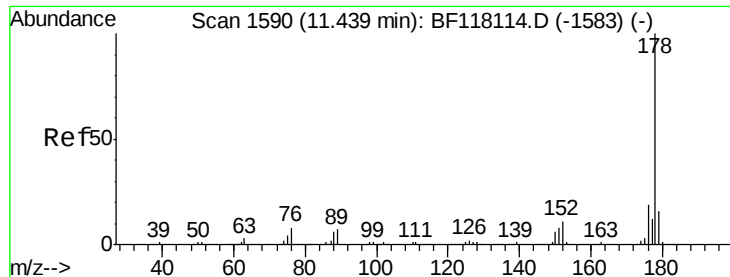
#67
4-Bromophenyl-phenylether
Concen: 3.533 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:248 Resp: 21943
Ion Ratio Lower Upper
248 100
250 190.7 78.3 117.5#
141 518.4 52.2 78.4#



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





#71

Phenanthrene

Concen: 0.020 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampled :

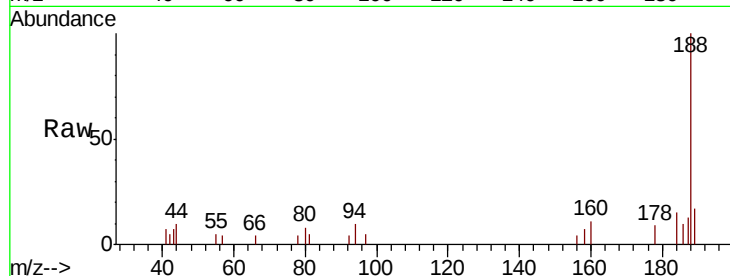
Tot Ion:178 Resp: 581

Ion Ratio Lower Upper

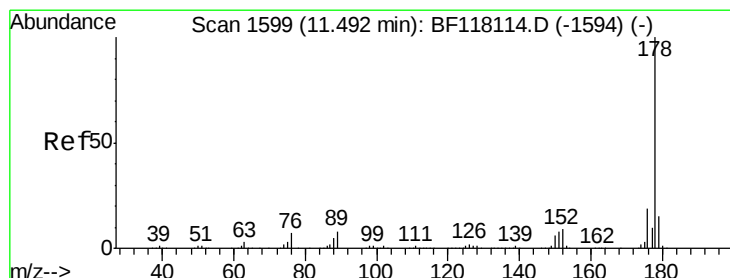
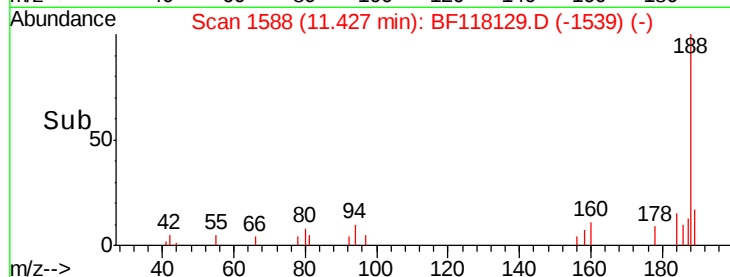
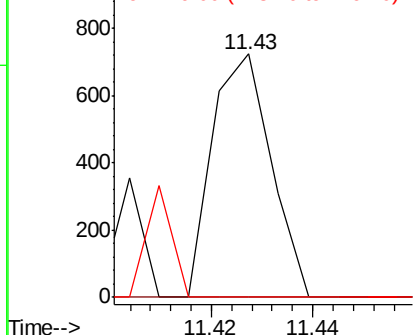
178 100

176 0.0 15.5 23.3#

179 0.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.020 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.06 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

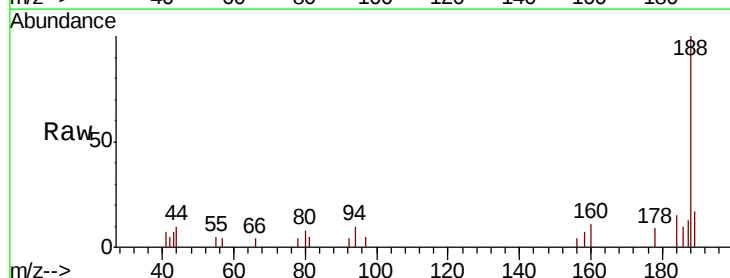
Tgt Ion:178 Resp: 581

Ion Ratio Lower Upper

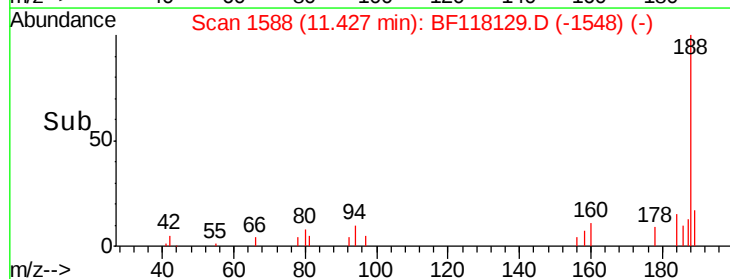
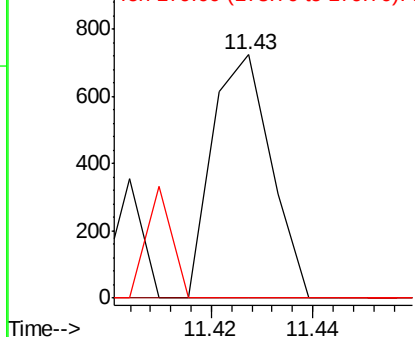
178 100

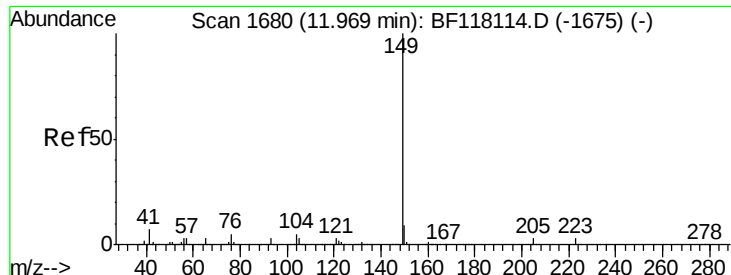
176 0.0 15.0 22.6#

179 0.0 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.035 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

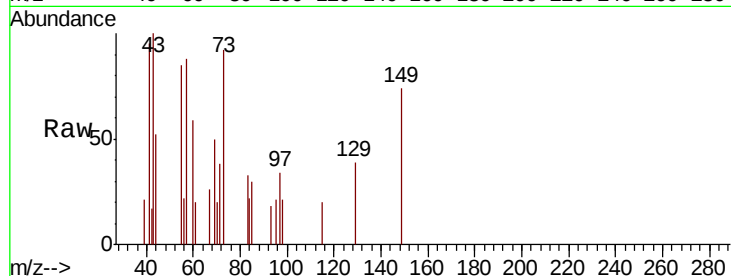
Tot Ion:149 Resp: 1142

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

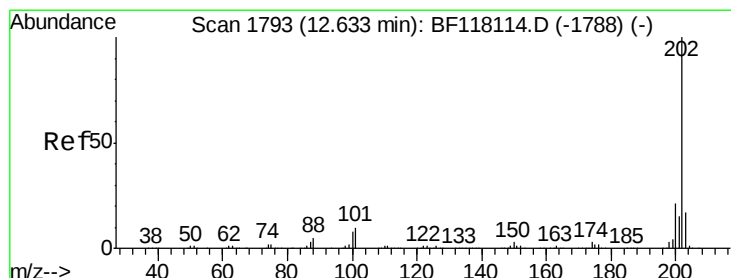
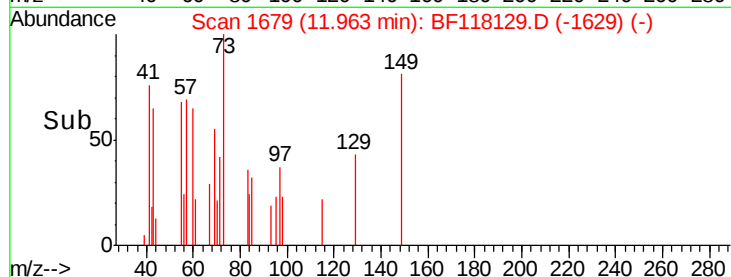
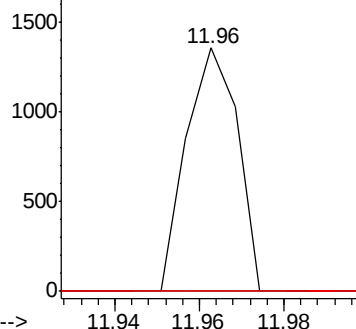
104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.041 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

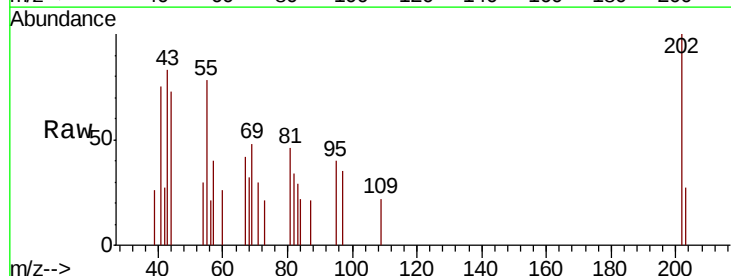
Tgt Ion:202 Resp: 1208

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.4

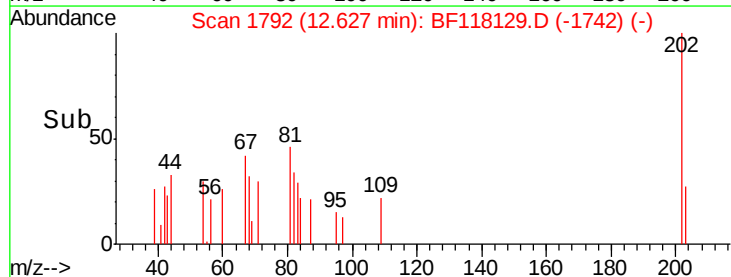
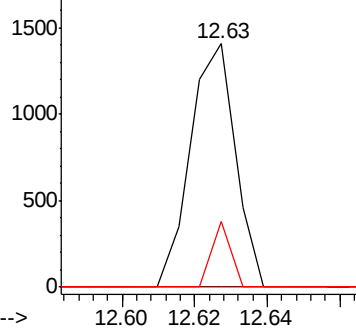
203 26.7 0.0 37.2

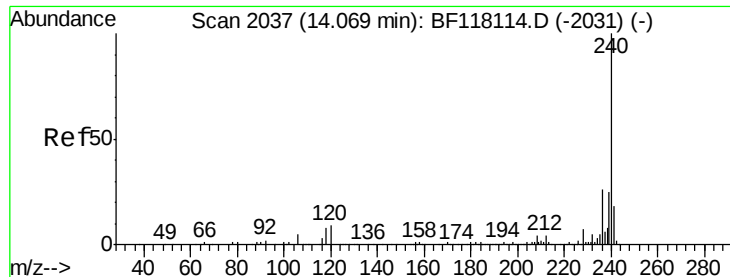


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

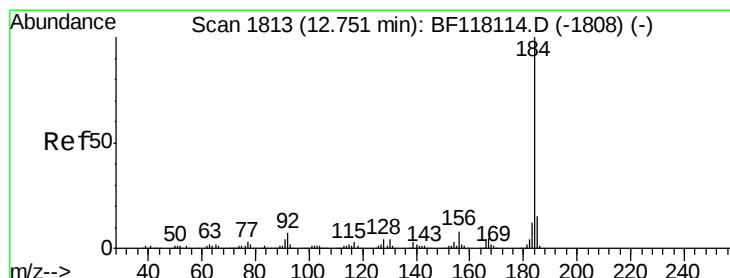
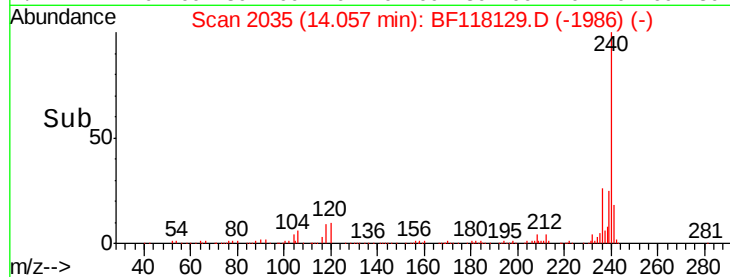
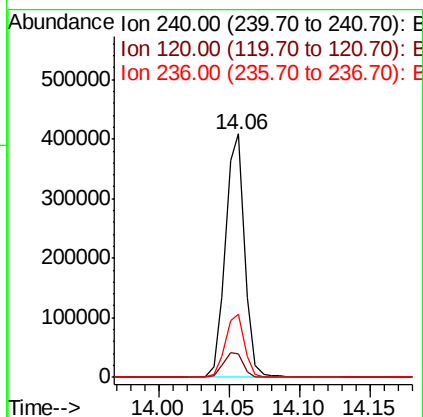
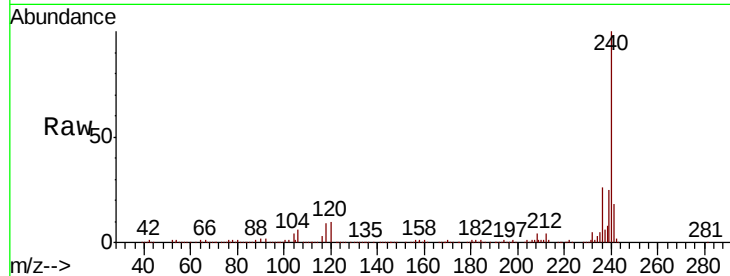




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

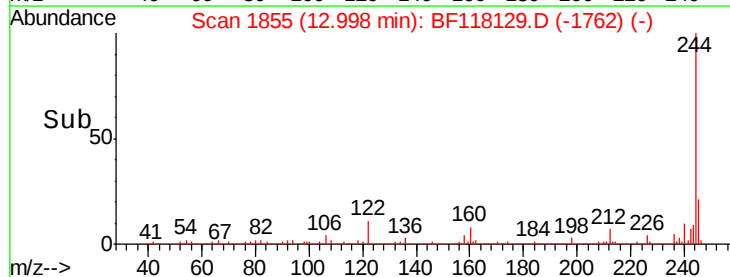
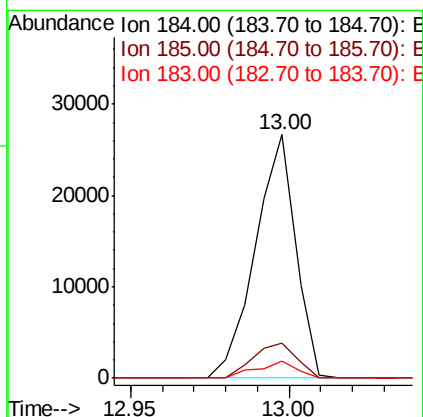
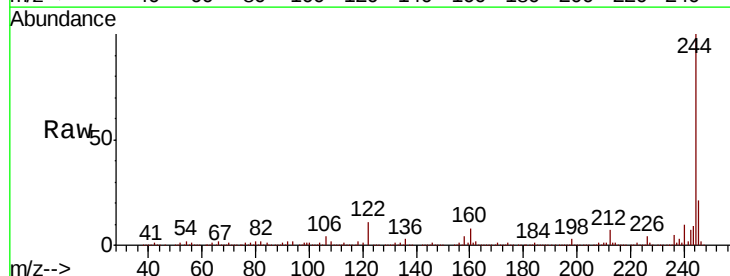
Instrument :
 BNA_F
 ClientSampleID :

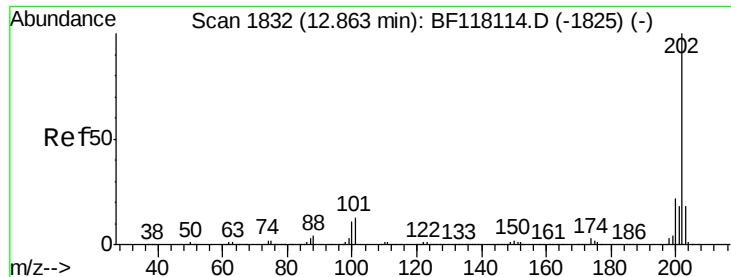
Tot Ion:240 Resp: 387191
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.1 10.7
 236 26.2 21.0 31.6



#77
 Benzidine
 Concen: 2.319 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.25 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Tgt Ion:184 Resp: 23634
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.3 18.5
 183 7.0 9.9 14.9#

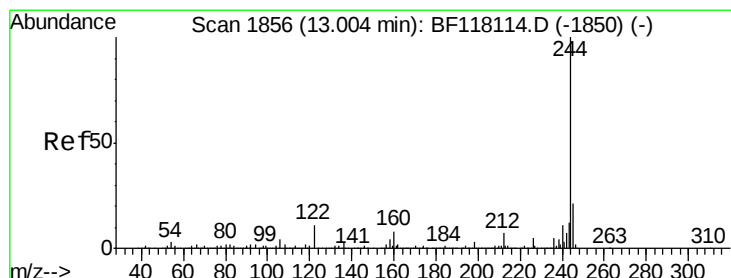
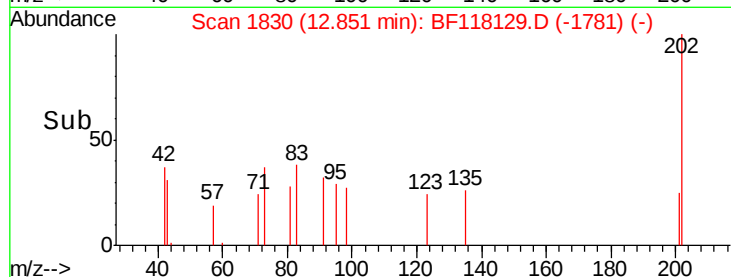
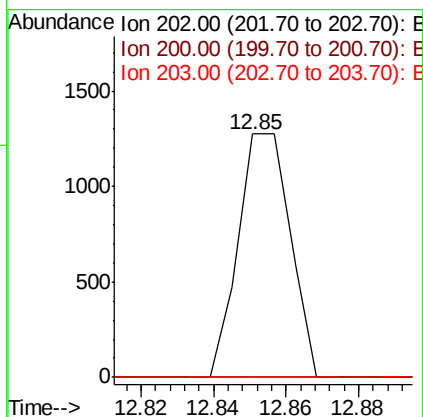
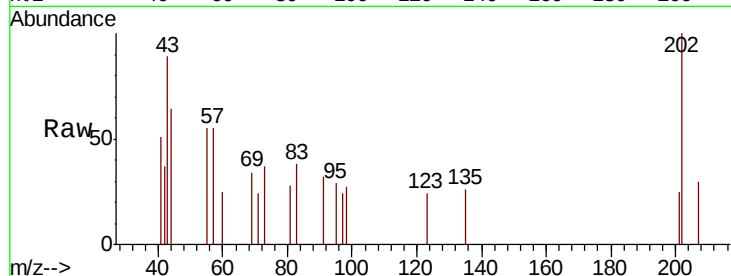




#78
Pvrene
Concen: 0.042 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

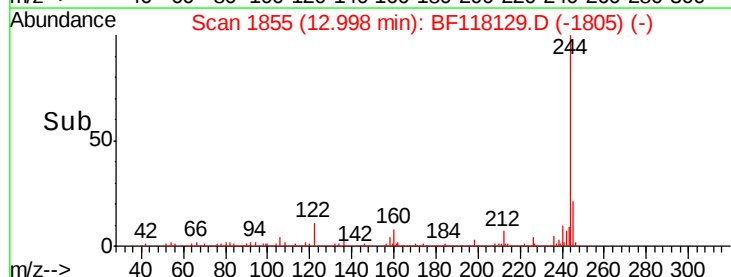
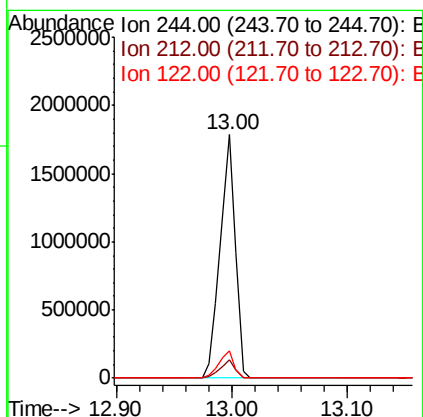
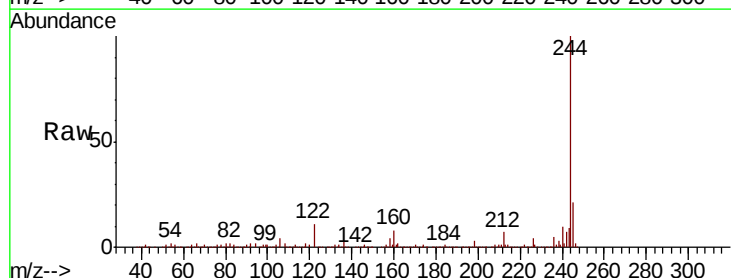
Instrument :
BNA_F
ClientSampleId :

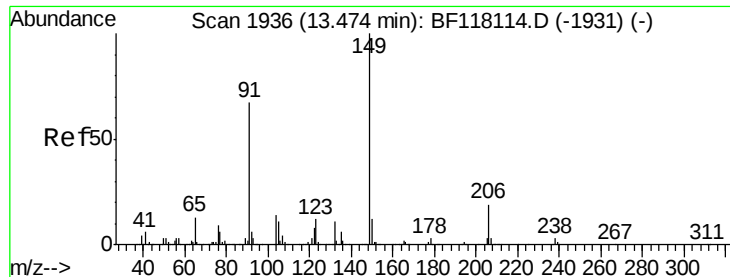
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.5	26.3#
203	0.0	14.6	21.8#



#79
Terphenyl-d14
Concen: 73.444 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.1	9.0	13.6

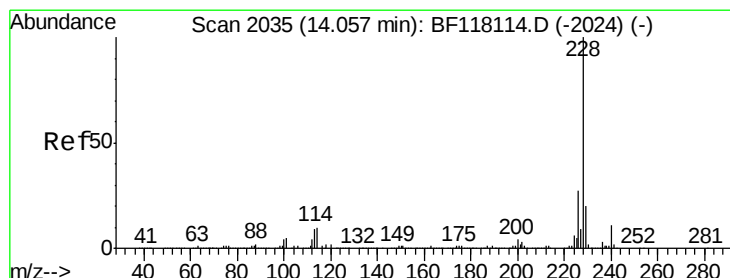
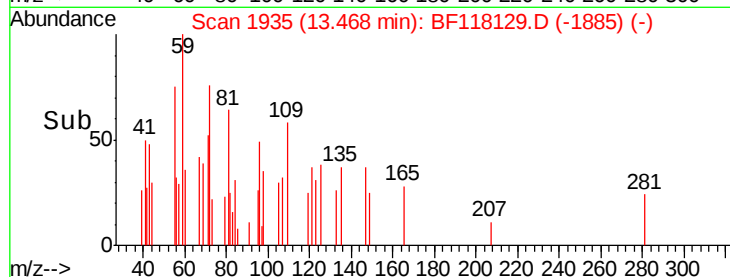
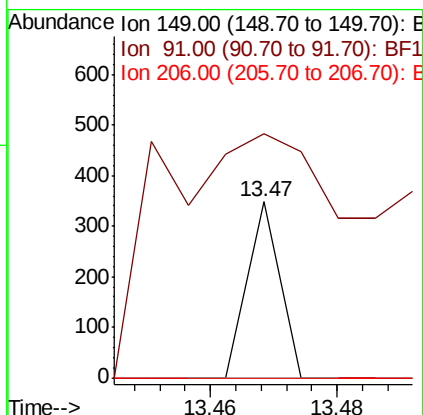
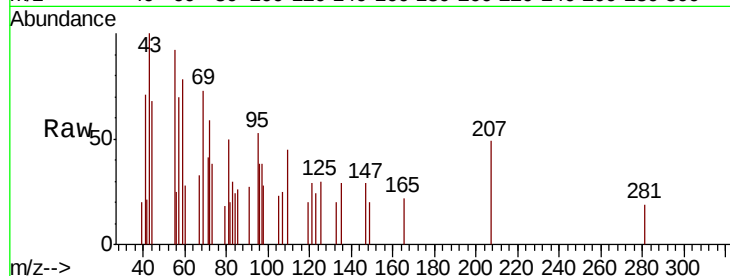




#80
Butylbenzylphthalate
Concen: 0.009 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

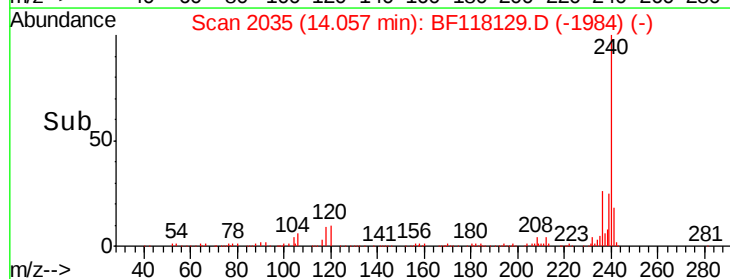
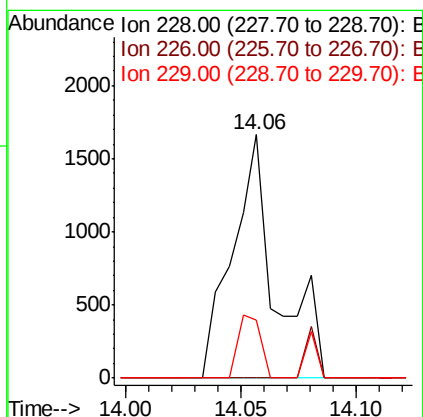
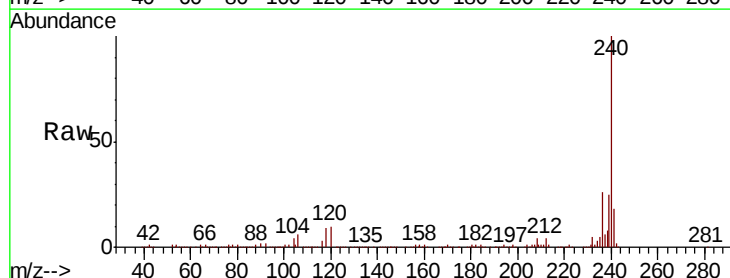
Instrument :
BNA_F
ClientSampled :

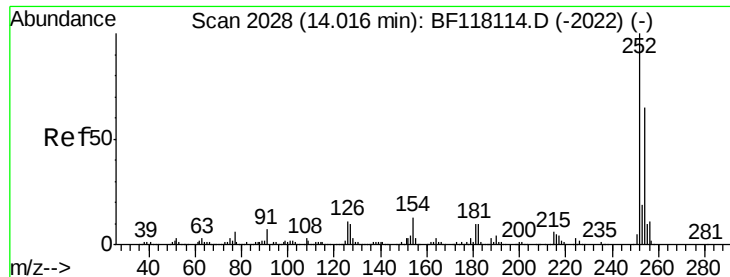
Tot Ion:149 Resp: 123
Ion Ratio Lower Upper
149 100
91 138.8 53.9 80.9#
206 0.0 15.2 22.8#



#81
Benzo(a)anthracene
Concen: 0.081 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:228 Resp: 2176
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 23.6 15.8 23.8

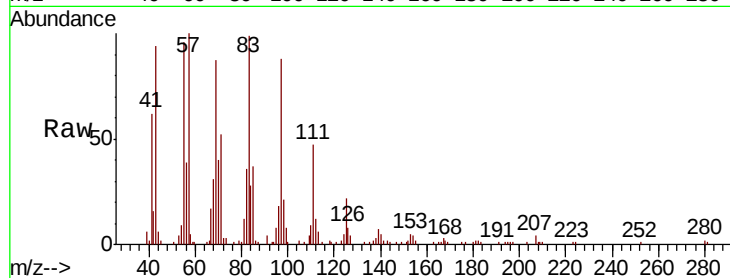




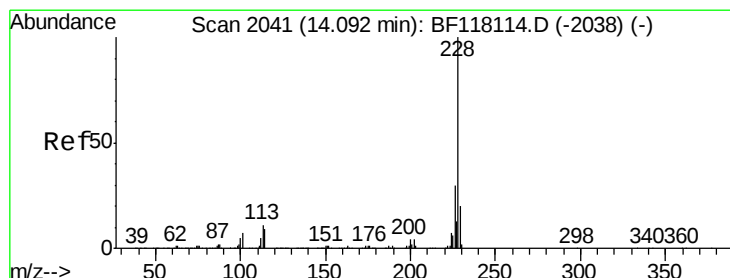
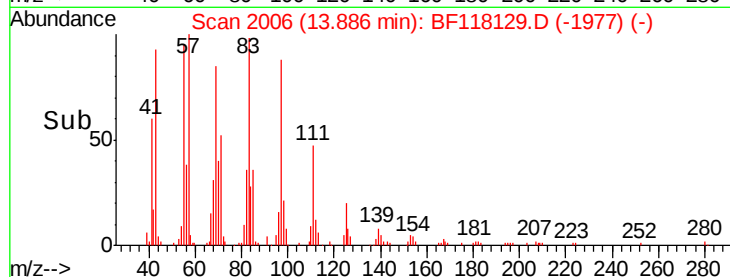
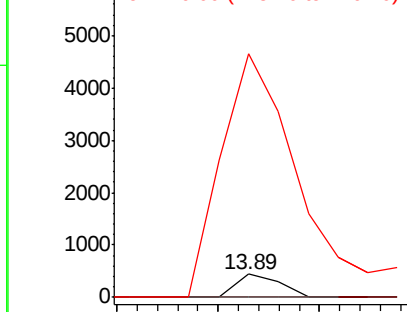
#82
 3,3'-Dichlorobenzidine
 Concen: 0.030 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.13 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 268
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.2 78.4#
 126 1043.7 8.6 13.0#

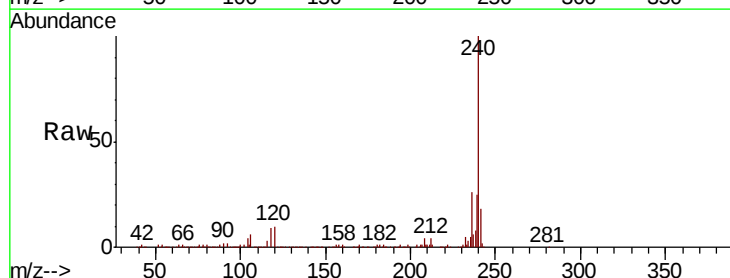


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

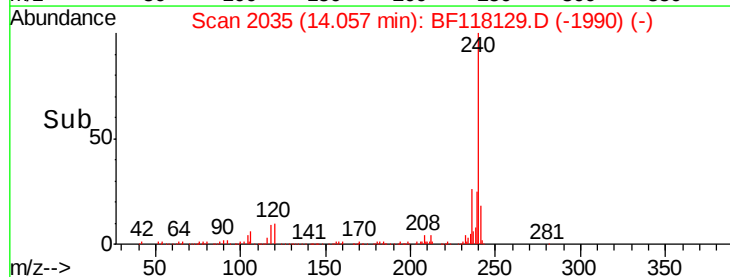
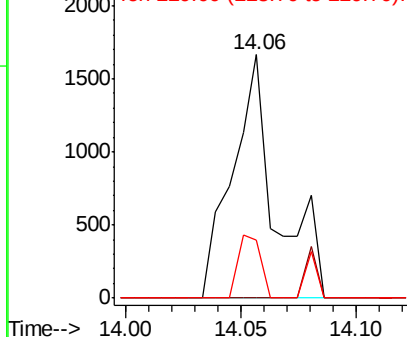


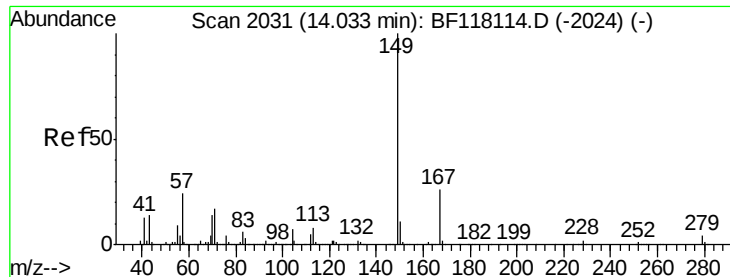
#83
 Chrysene
 Concen: 0.085 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.04 min
 Lab File: BF118129.D
 Acq: 7 Dec 2019 15:16

Tgt Ion:228 Resp: 2176
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.8 35.8#
 229 23.6 15.7 23.5#



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: 0.132 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

Instrument :

BNA_F

ClientSampleId :

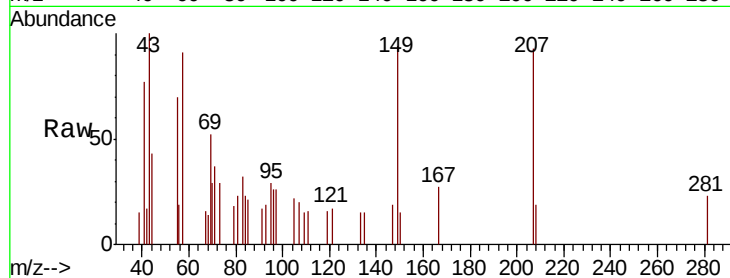
Tot Ion:149 Resp: 2407

Ion Ratio Lower Upper

149 100

167 28.2 20.8 31.2

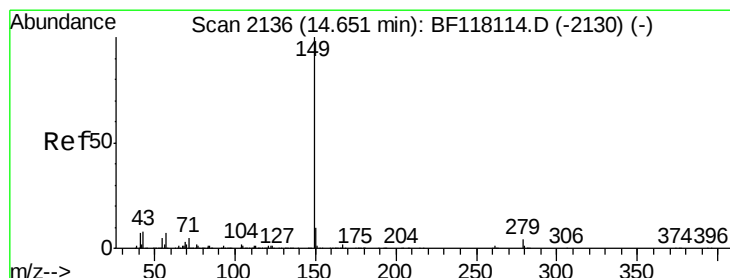
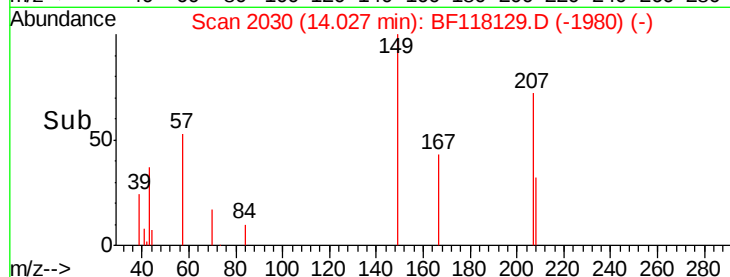
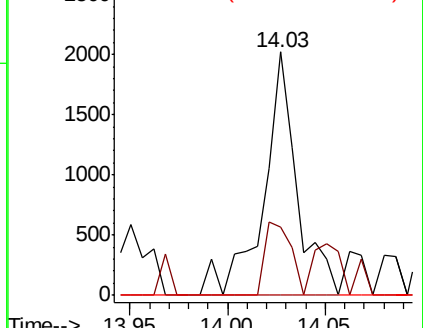
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.017 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118129.D

Acq: 7 Dec 2019 15:16

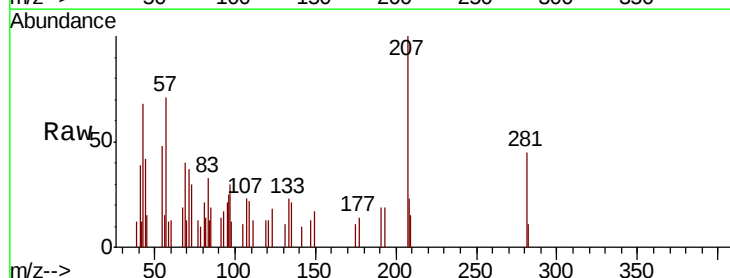
Tgt Ion:149 Resp: 456

Ion Ratio Lower Upper

149 100

167 24.1 1.3 1.9#

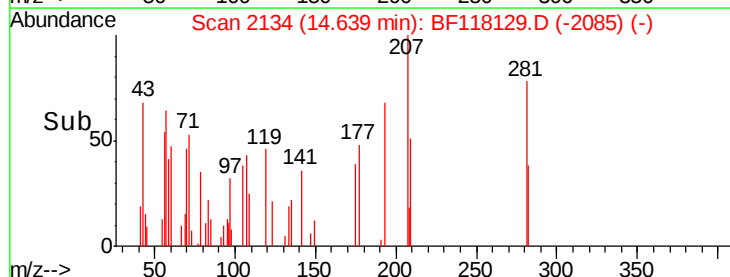
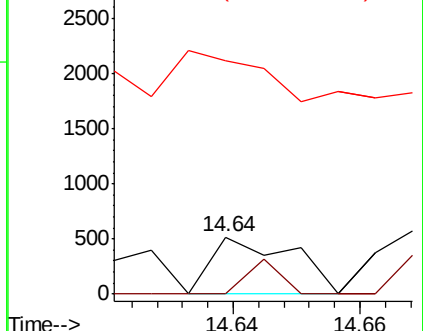
43 0.0 6.5 9.7#

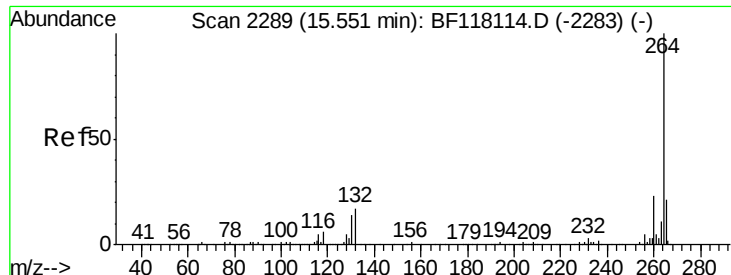


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

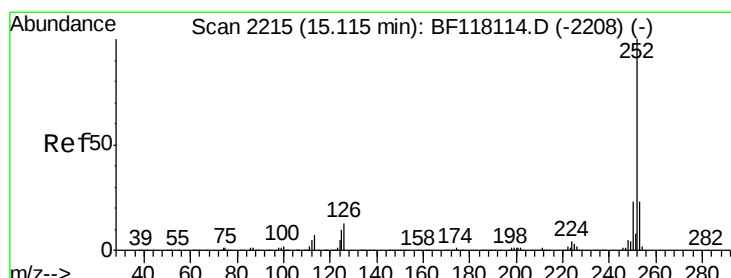
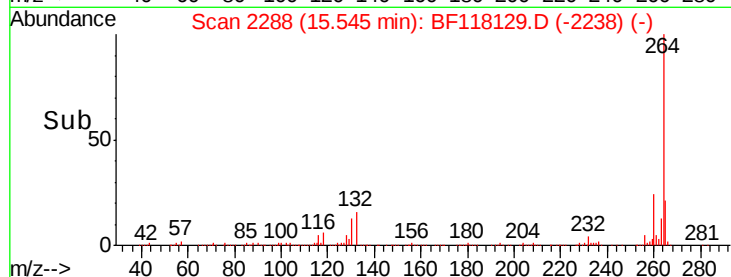
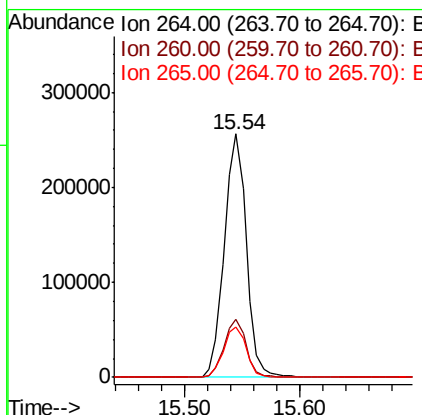
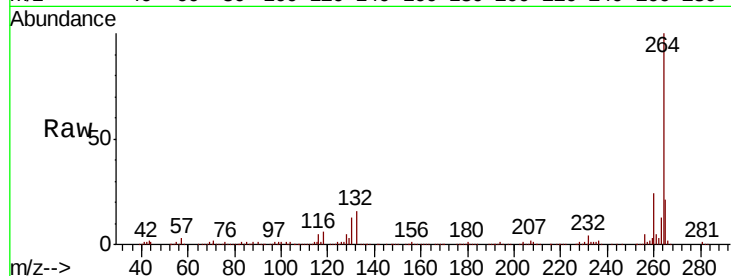




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

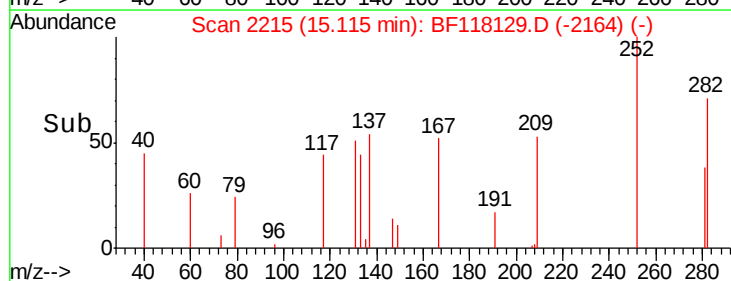
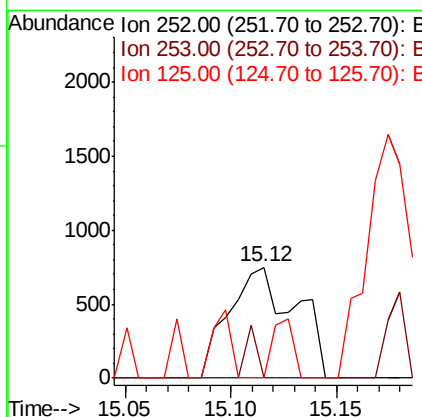
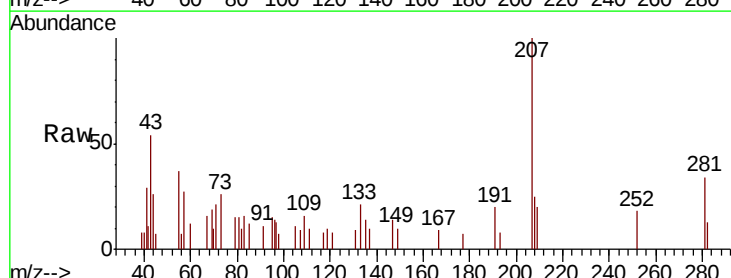
Instrument :
BNA_F
ClientSampleId :

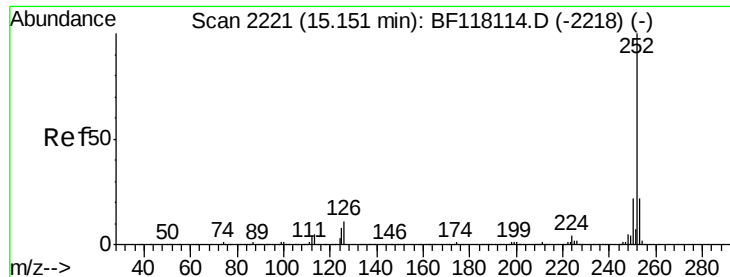
Tot Ion:264 Resp: 340368
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 20.7 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 0.073 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:252 Resp: 1647
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.3 12.5#

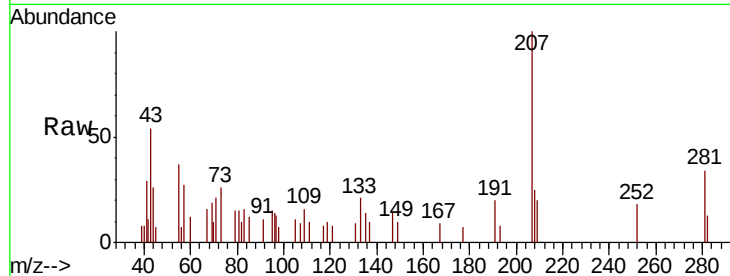




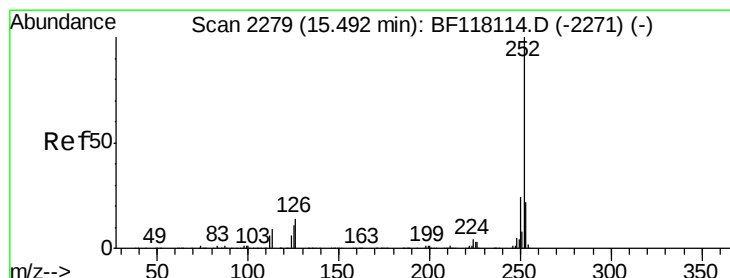
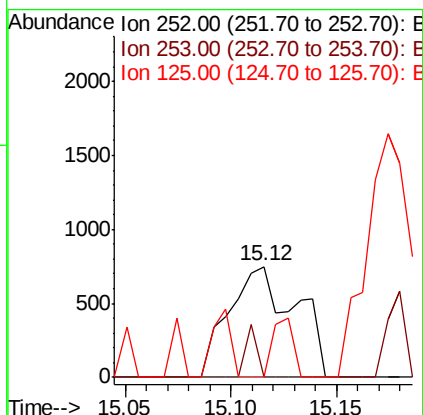
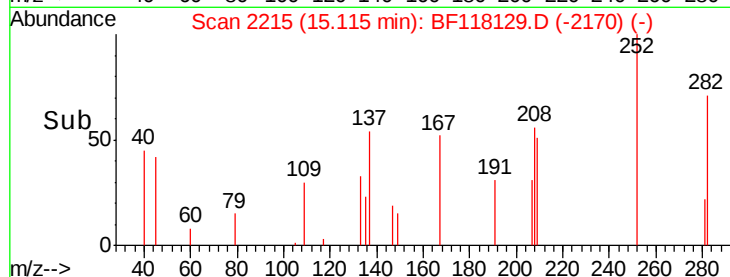
#89
Benzo(k)fluoranthene
Concen: 0.076 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1647
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 6.7 10.1#

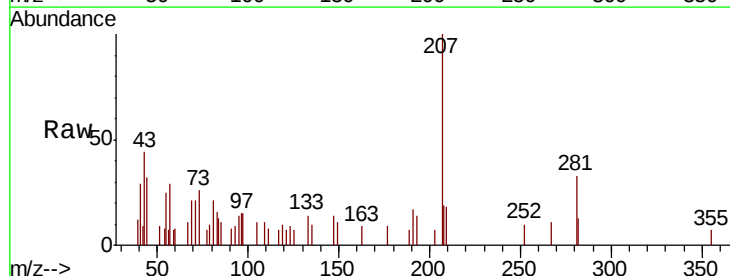


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.026 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118129.D
Acq: 7 Dec 2019 15:16

Tgt Ion:252 Resp: 520
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 77.2 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

