

Data File : BF115332.D
Acq On : 1 Jul 2019 12:02
Operator : HP/JU
Sample : PB121019TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Quant Time: Jul 02 08:16:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	222469	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	851153	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	407989	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	806850	20.00	ng	0.01
76) Chrysene-d12	13.72	240	646946	20.00	ng	0.00
87) Perylene-d12	15.12	264	693962	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1418200	98.37	ng	0.02
7) Phenol-d6	6.25	99	1791239	102.37	ng	0.01
23) Nitrobenzene-d5	7.17	82	1068738	77.24	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	473189	109.98	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2014872	83.89	ng	0.00
79) Terphenyl-d14	12.69	244	2164573	71.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	114	0.017	ng	# 24
3) Pyridine	2.90	79	113	0.006	ng	# 5
4) n-Nitrosodimethylamine	2.75	42	117	0.016	ng	# 1
6) Aniline	6.37	93	1908	0.079	ng	# 1
8) 2-Chlorophenol	6.38	128	436	0.027	ng	# 1
9) Benzaldehyde	6.24	77	2685	0.235	ng	# 1
10) Phenol	6.25	94	271	0.013	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	1908	0.126	ng	# 1
15) Benzyl Alcohol	6.76	79	18168	1.426	ng	# 40
19) n-Nitroso-di-n-propylamine	7.17	70	142117	12.686	ng	# 76
22) Acetophenone	6.76	105	115	0.006	ng	# 1
24) Nitrobenzene	7.17	77	3361	0.220	ng	# 32
25) Isophorone	7.17	82	1054938	37.218	ng	# 63
31) Naphthalene	7.90	128	121	0.003	ng	# 67
38) 1-Methylnaphthalene	8.96	142	1067	0.040	ng	# 44
46) 1,1'-Biphenyl	9.06	154	3767	0.115	ng	# 99
48) 2-Nitroaniline	8.96	65	3018	0.391	ng	# 1
50) Dimethylphthalate	9.63	163	110821	3.692	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	52023	7.507	ng	# 28
52) Acenaphthene	9.63	154	1244	0.048	ng	# 5
57) 2,4-Dinitrotoluene	9.63	165	52023	5.814	ng	# 30
58) Fluorene	10.41	166	21617	Below Cal		# 89
60) Diethylphthalate	10.05	149	143	0.005	ng	# 58
63) Azobenzene	10.41	77	2058	0.073	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.41	198	854	5.138	ng	# 1
66) n-Nitrosodiphenylamine	10.41	169	13907	0.553	ng	# 45
67) 4-Bromophenyl-phenylether	10.41	248	29527	3.375	ng	# 1
71) Phenanthrene	11.12	178	1094	0.025	ng	# 58
72) Anthracene	11.18	178	259	0.006	ng	# 59
74) Di-n-butylphthalate	11.68	149	1116	0.025	ng	# 77
75) Fluoranthene	12.31	202	761	0.018	ng	# 61
77) Benzidine	12.69	184	27983	0.974	ng	# 94
78) Pyrene	12.54	202	839	0.017	ng	# 56
80) Butylbenzylphthalate	13.17	149	145	0.007	ng	# 73

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	13.72	228	2336	0.050	ng	# 76
83) Chrysene	13.72	228	2336	0.055	ng	# 73
84) Bis(2-ethylhexyl)phthalate	13.74	149	1295	0.045	ng	# 66
85) Di-n-octyl phthalate	14.35	149	876	0.018	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.36	276	376	0.007	ng	# 1
88) Benzo(b)fluoranthene	14.77	252	911	0.021	ng	# 1
89) Benzo(k)fluoranthene	14.77	252	911	0.023	ng	# 1
90) Benzo(a)pyrene	15.06	252	910	0.023	ng	# 1
91) Dibenzo(a,h)anthracene	16.40	278	142	0.004	ng	# 1
92) Benzo(g,h,i)perylene	16.77	276	864	0.023	ng	# 1

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

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Sample : PB121019TB

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB121019TB

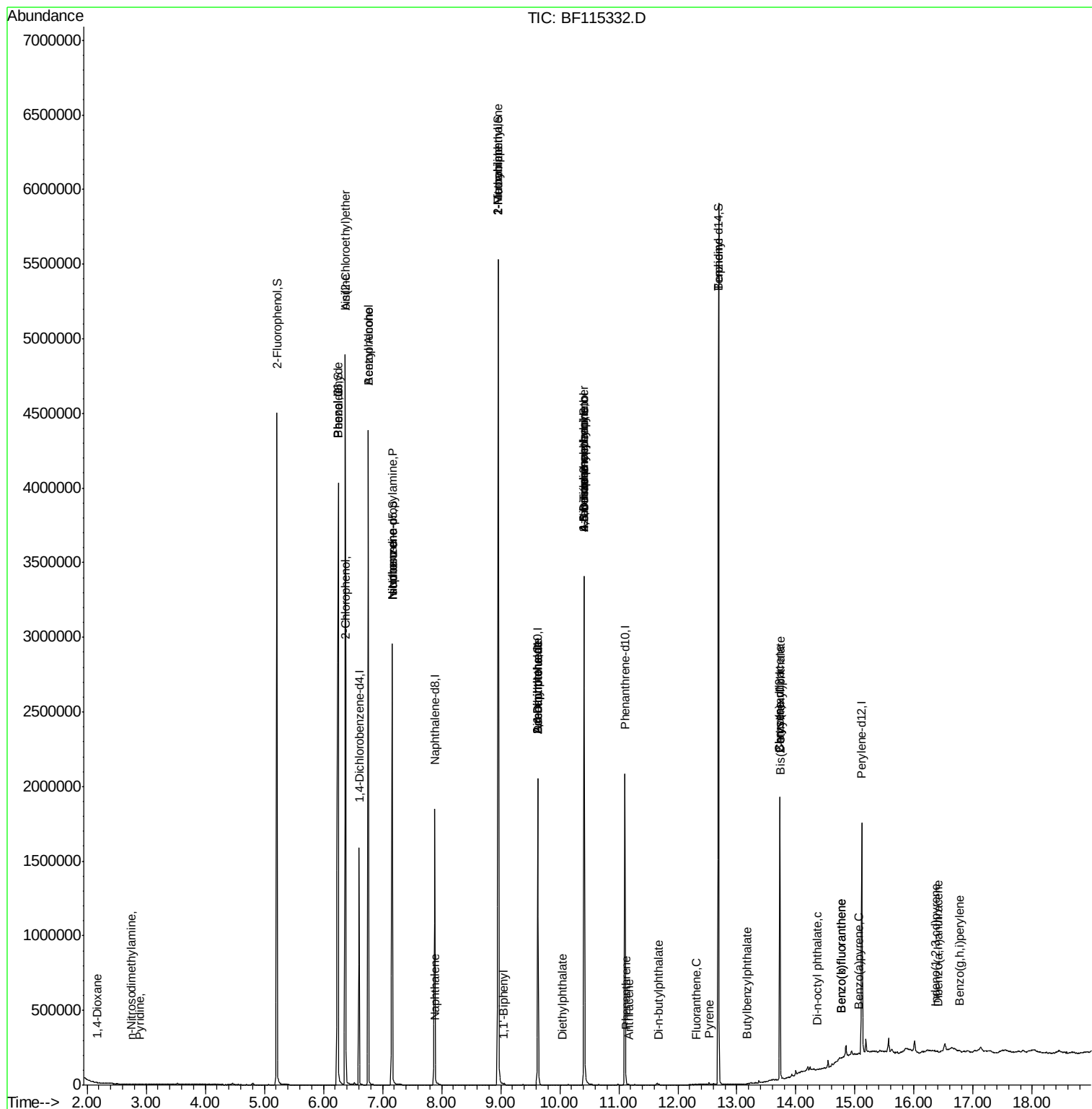
Quant Time: Jul 02 08:16:00 2019

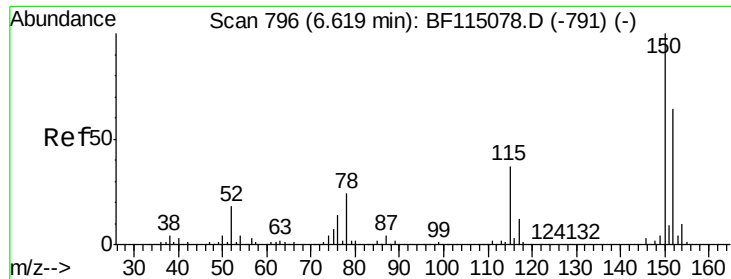
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M

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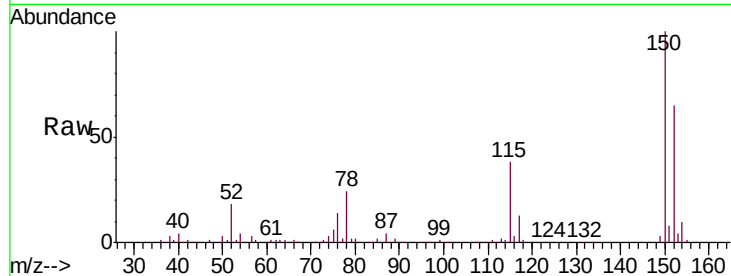


#1

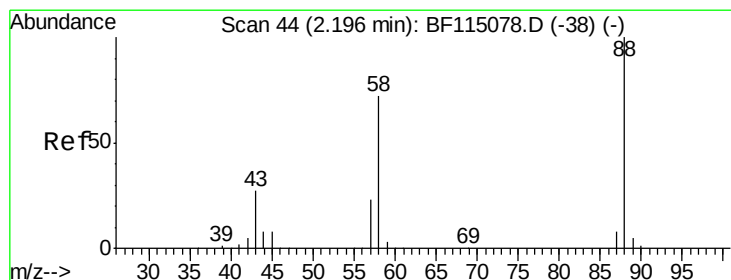
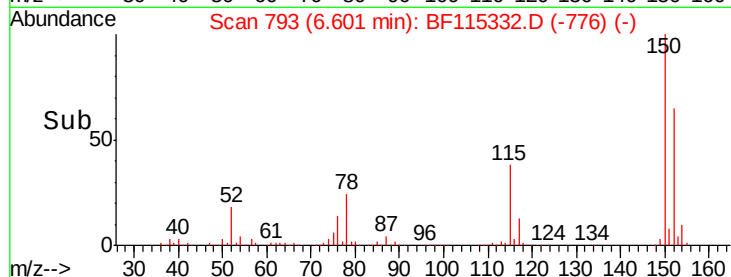
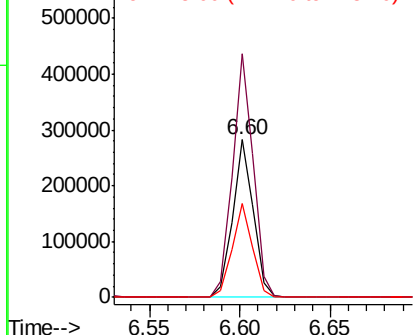
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
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ClientSampleId :
PB121019TB

Tgt Ion: 152 Resp: 222469
Ion Ratio Lower Upper
152 100
150 154.4 124.2 186.2
115 59.1 46.1 69.1



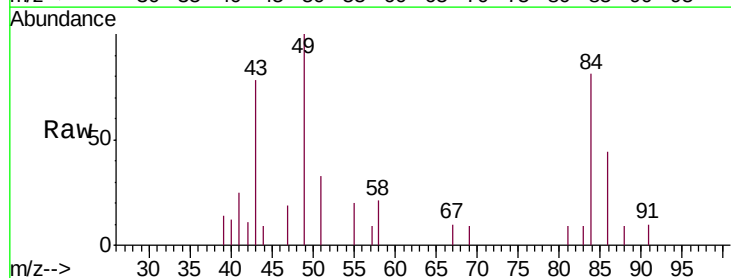
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



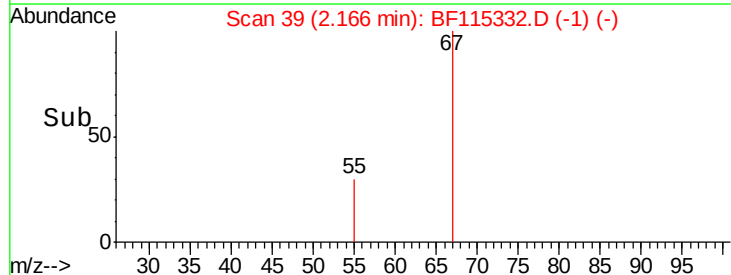
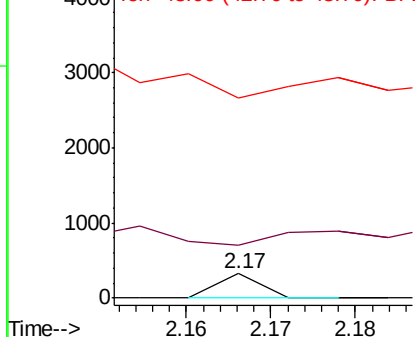
#2

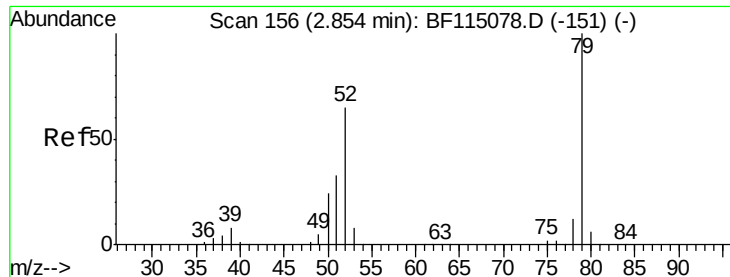
1,4-Dioxane
Concen: 0.017 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
58 0.0 56.1 84.1#
43 0.0 21.3 31.9#



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: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

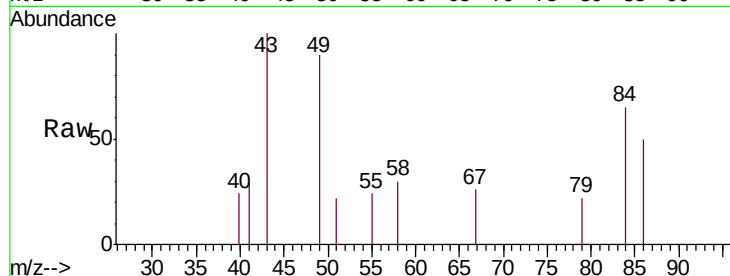
Tgt Ion: 79 Resp: 113

Ion Ratio Lower Upper

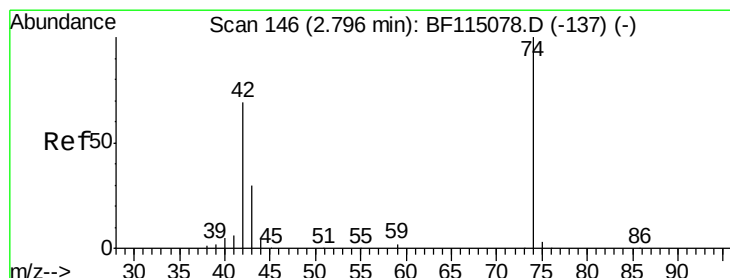
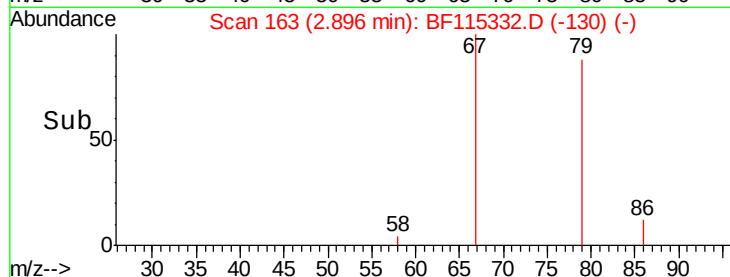
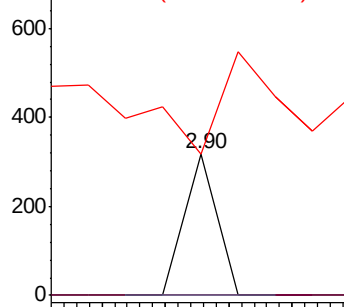
79 100

52 0.0 52.3 78.5#

51 100.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.016 ng

RT: 2.75 min Scan# 139

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

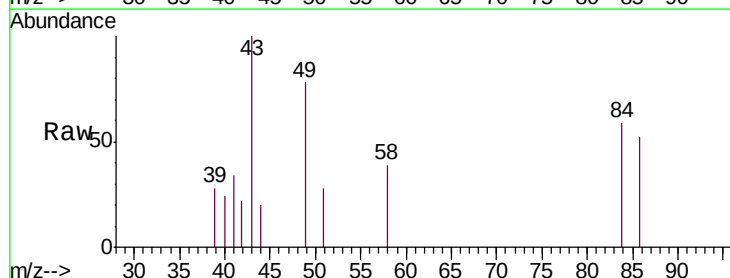
Tgt Ion: 42 Resp: 117

Ion Ratio Lower Upper

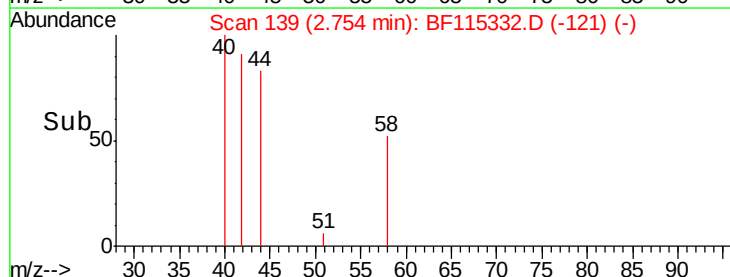
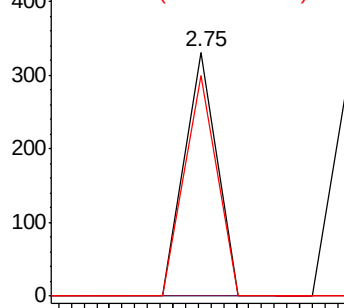
42 100

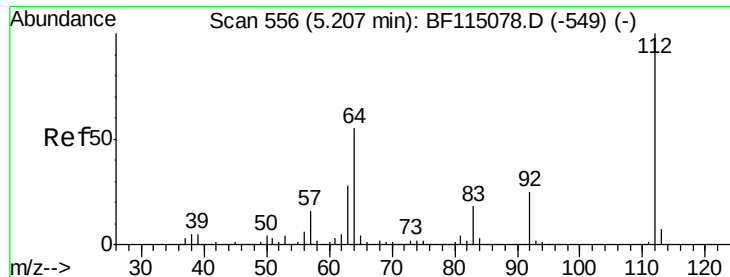
74 0.0 116.6 175.0#

44 90.6 5.3 7.9#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.374 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

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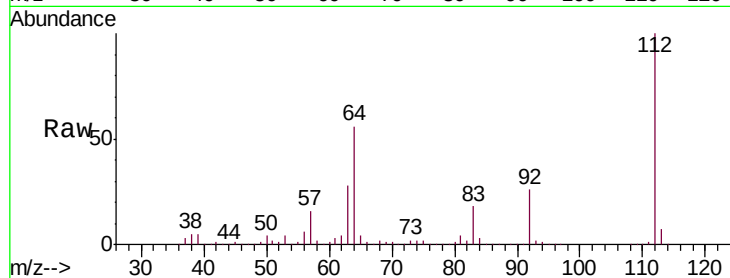
Tgt Ion: 112 Resp: 1418200

Ion Ratio Lower Upper

112 100

64 55.9 43.8 65.6

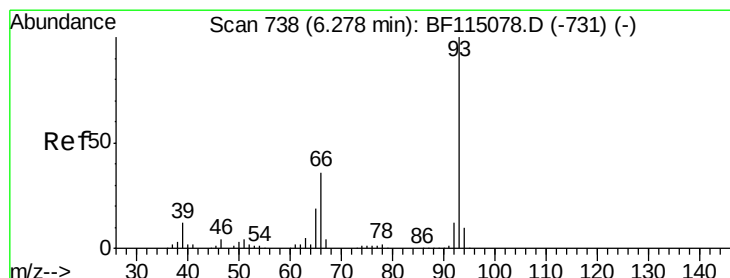
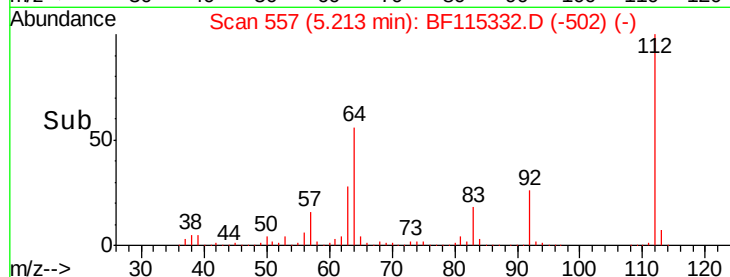
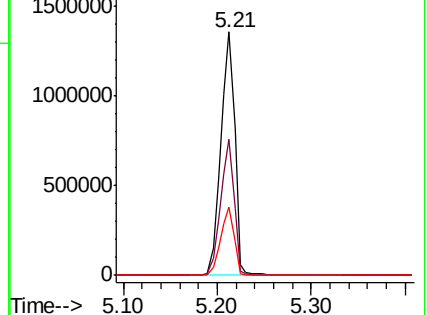
63 28.0 22.2 33.4



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: 0.079 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.11 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

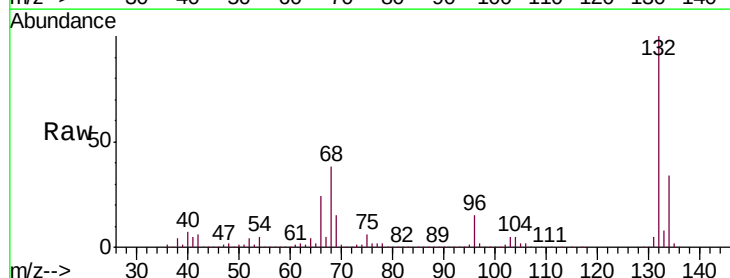
Tgt Ion: 93 Resp: 1908

Ion Ratio Lower Upper

93 100

66 17276.0 30.0 45.0#

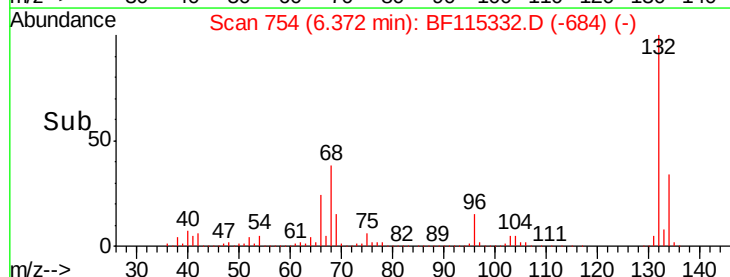
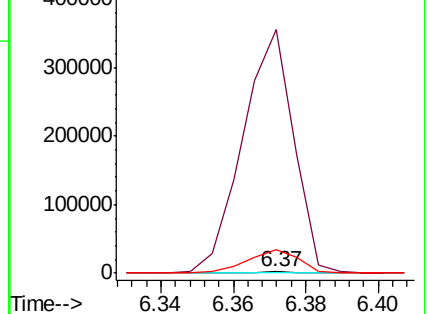
65 1620.2 15.6 23.4#

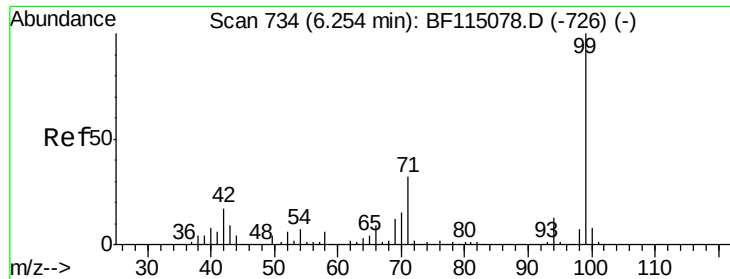


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.369 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

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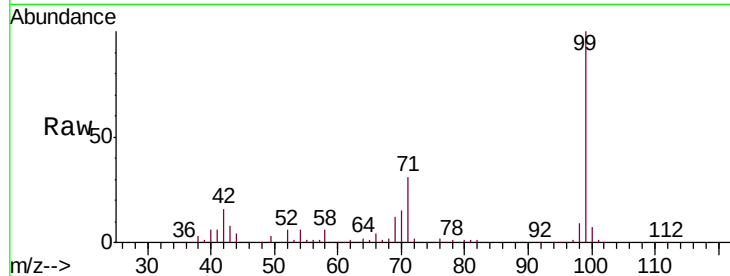
Tgt Ion: 99 Resp: 1791239

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

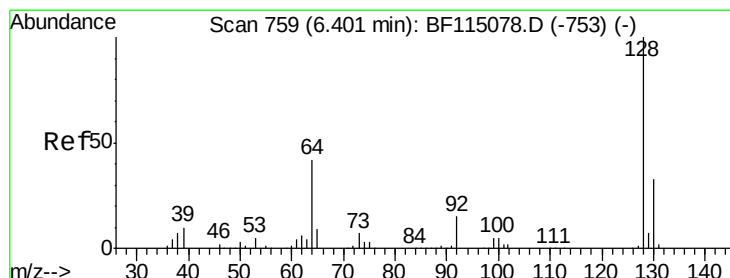
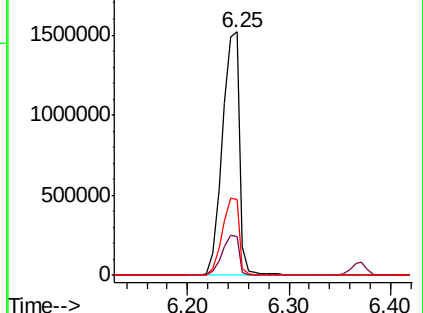
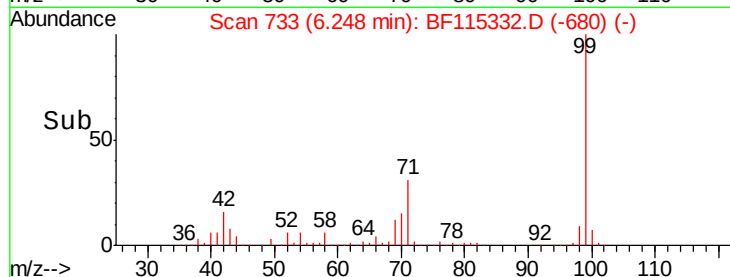
71 31.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.027 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

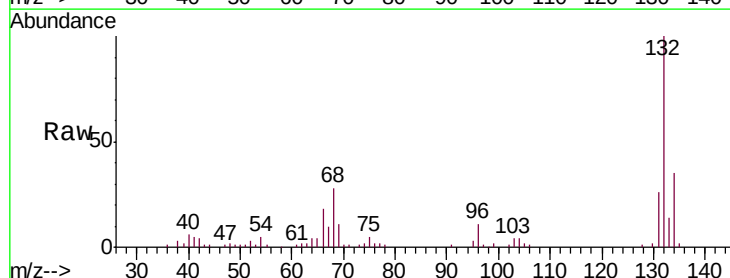
Tgt Ion: 128 Resp: 436

Ion Ratio Lower Upper

128 100

130 183.8 12.9 52.9#

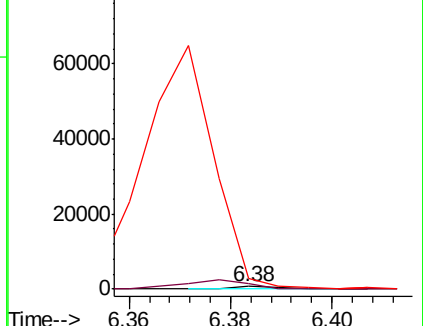
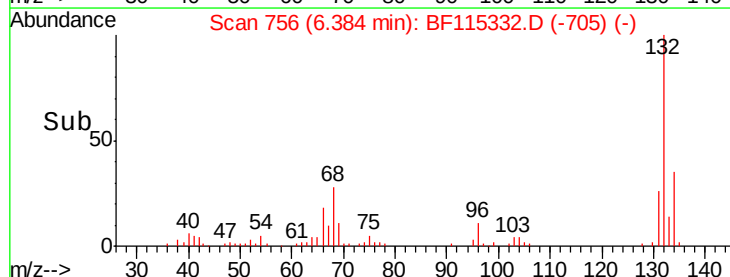
64 351.9 22.9 62.9#

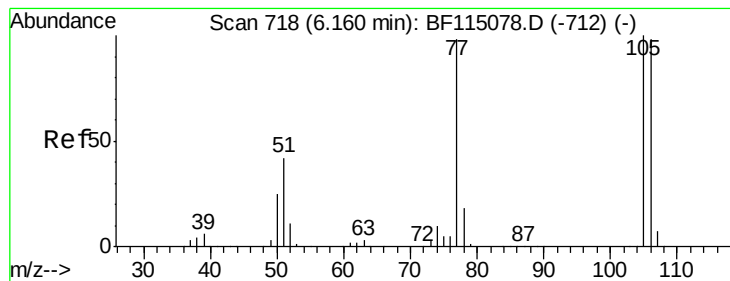


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.235 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.10 min

Lab File: BF115332.D

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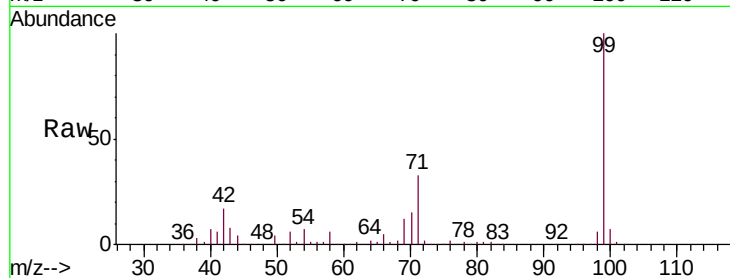
Tgt Ion: 77 Resp: 2685

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

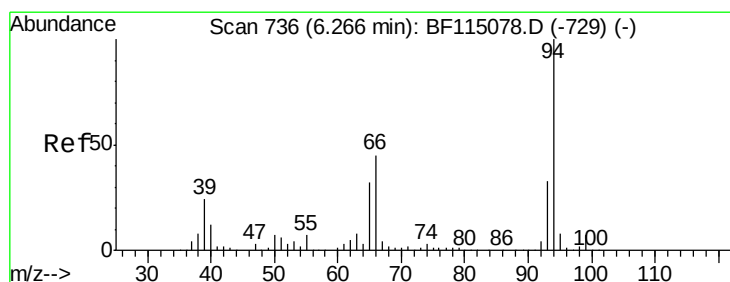
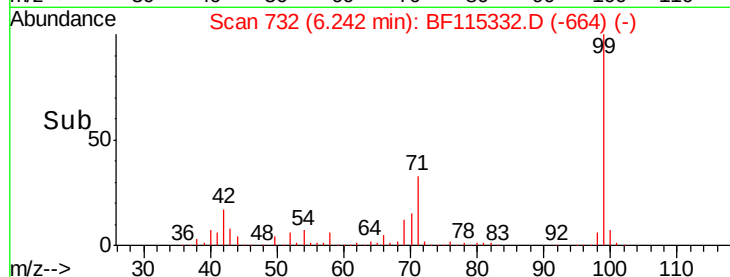
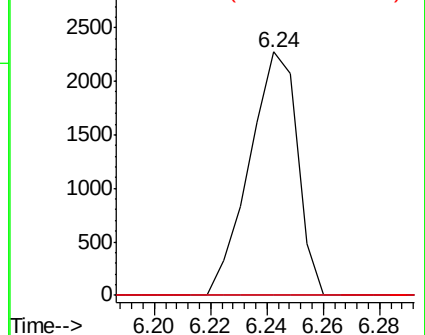
106 0.0 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.013 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

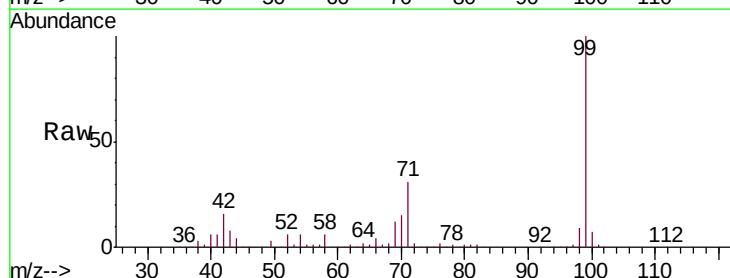
Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

65 2918.1 11.9 51.9#

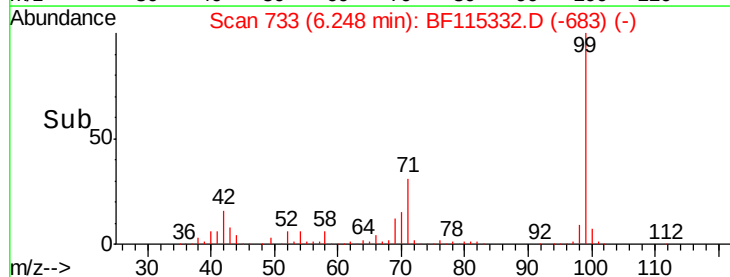
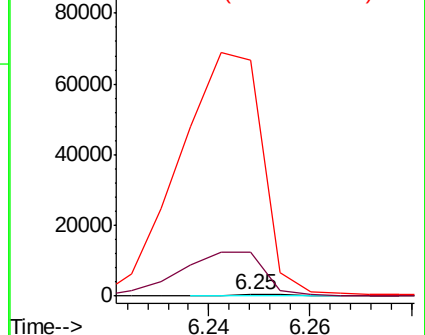
66 15664.9 25.2 65.2#

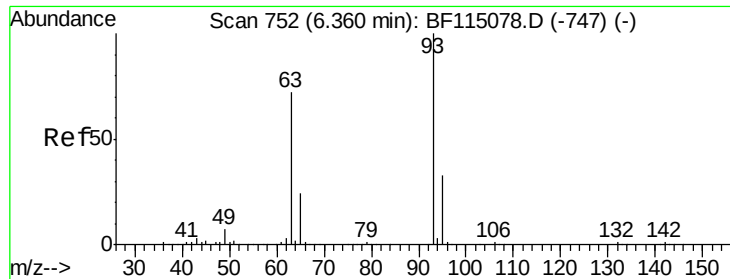


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

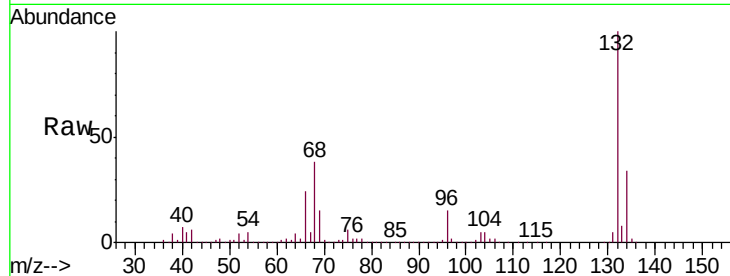




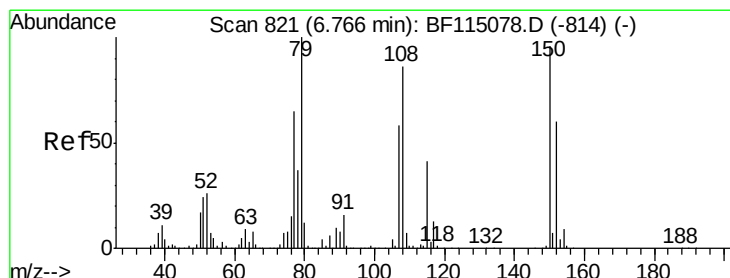
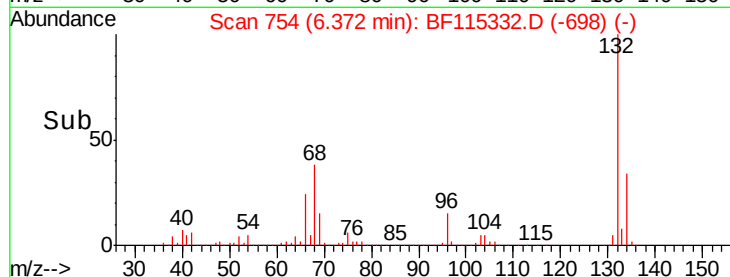
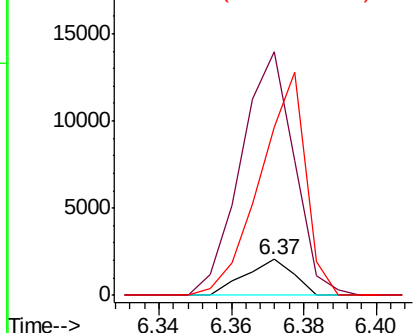
#11
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
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ClientSampleId :
PB121019TB

Tgt Ion: 93 Resp: 1908
Ion Ratio Lower Upper
93 100
63 677.9 51.5 91.5#
95 469.6 13.4 53.4#

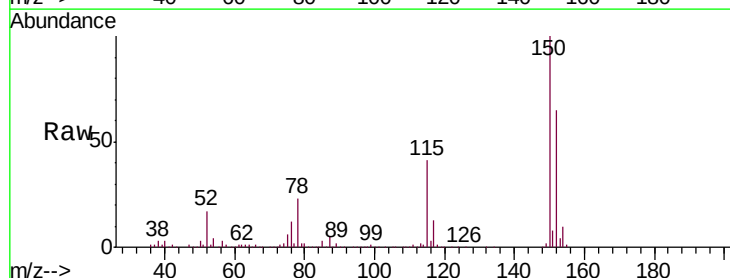


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

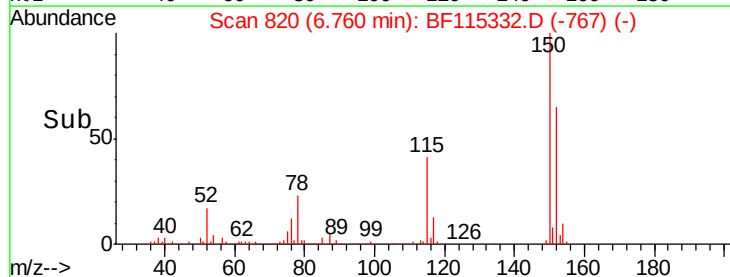
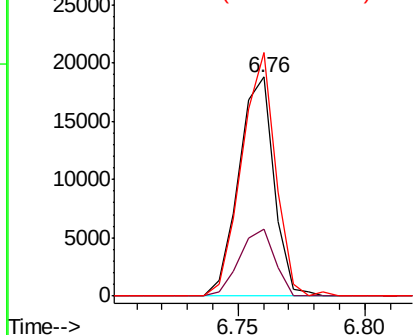


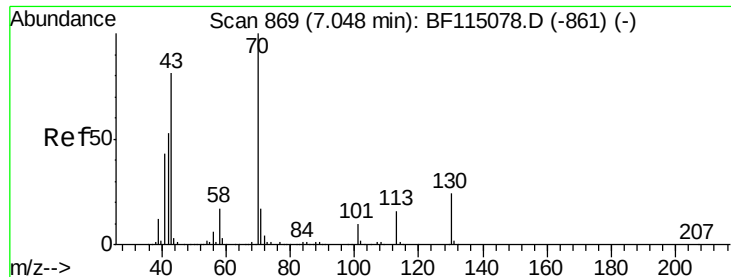
#15
Benzyl Alcohol
Concen: 1.426 ng
RT: 6.76 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion: 79 Resp: 18168
Ion Ratio Lower Upper
79 100
108 30.7 68.7 103.1#
77 111.1 51.7 77.5#



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: 12.686 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

Tgt Ion: 70 Resp: 142117

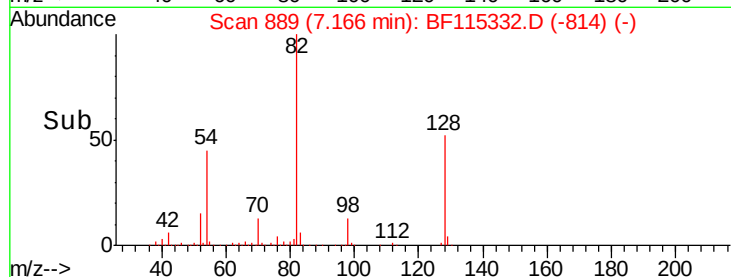
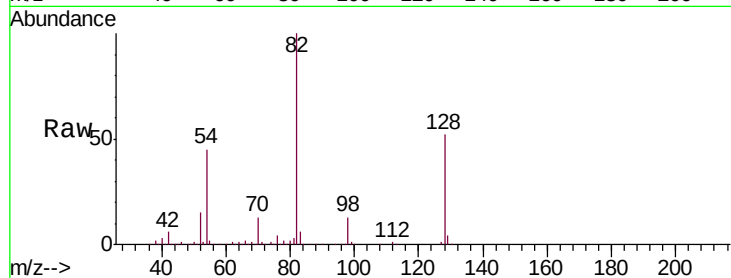
Ion Ratio Lower Upper

70 100

42 42.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

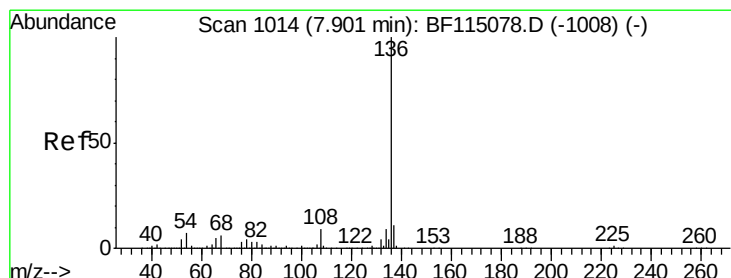
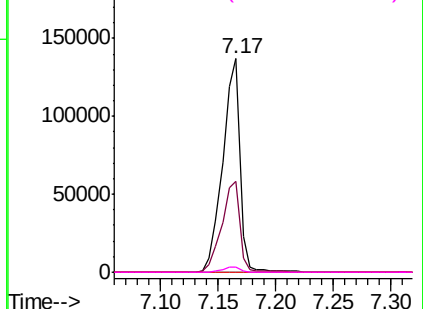


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Tgt Ion: 136 Resp: 851153

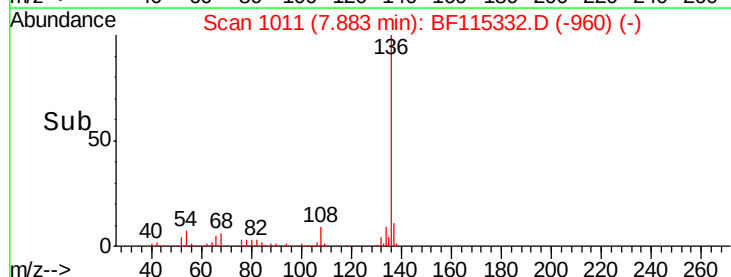
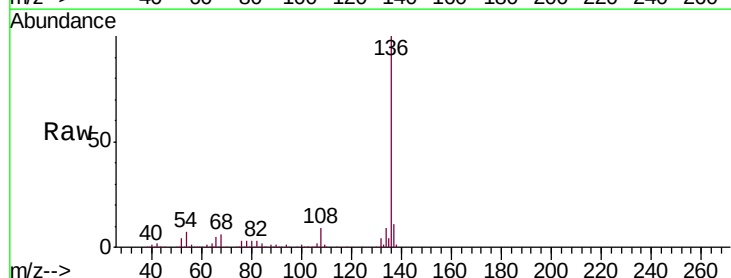
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 5.6 8.4

68 5.9 4.8 7.2

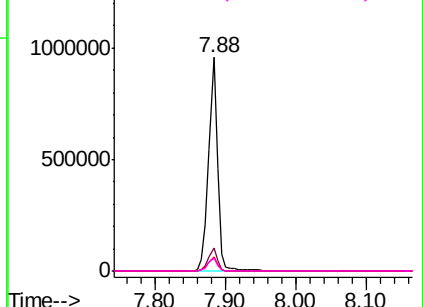


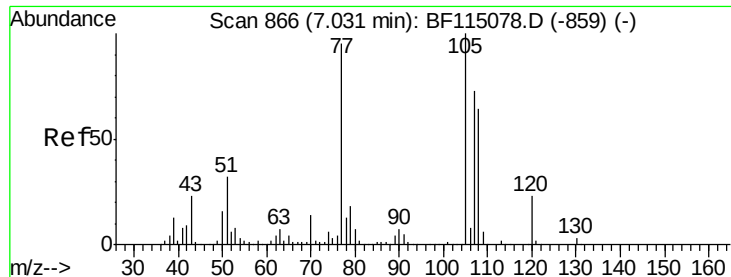
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.006 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.25 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

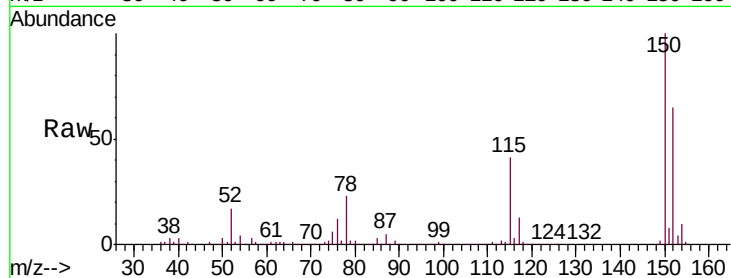
ClientSampleId :

PB121019TB

Tgt Ion:105 Resp: 115

Ion Ratio Lower Upper

105	100		
71	635.9	1.9	2.9#
51	2024.8	25.8	38.8#
120	300.9	18.5	27.7#



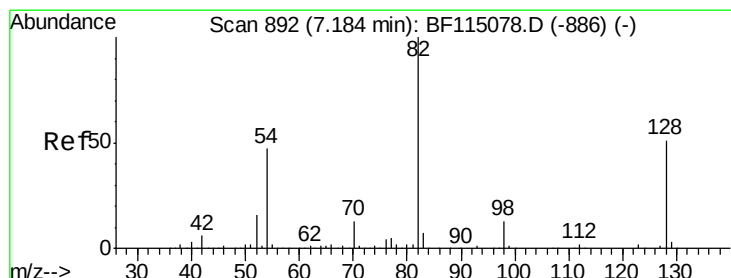
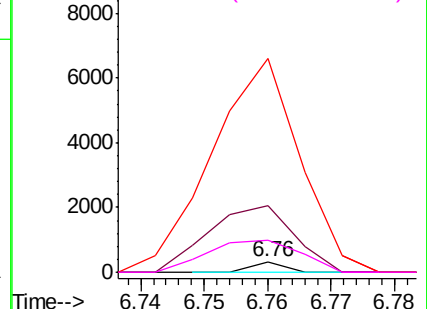
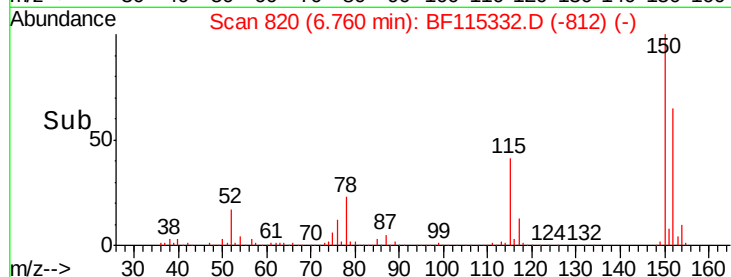
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 77.241 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

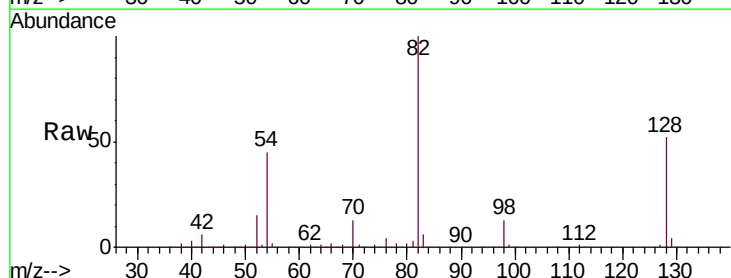
Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Tgt Ion: 82 Resp: 1068738

Ion Ratio Lower Upper

82	100		
128	52.4	40.4	60.6
54	45.3	37.5	56.3

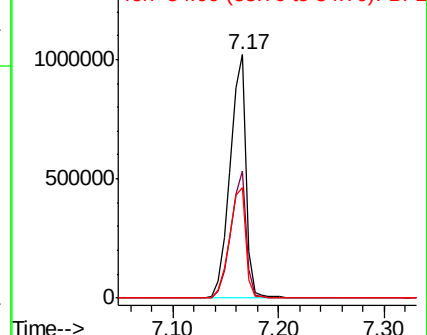
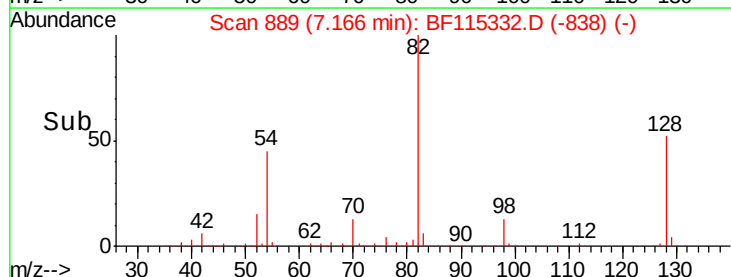


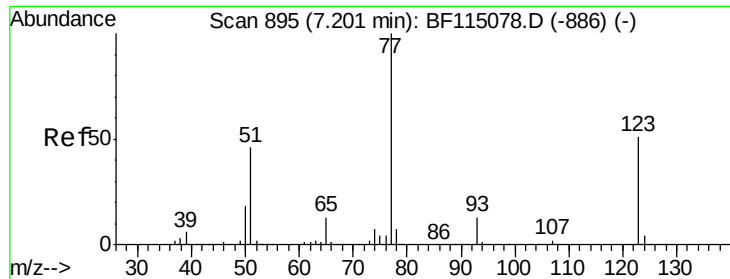
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.220 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

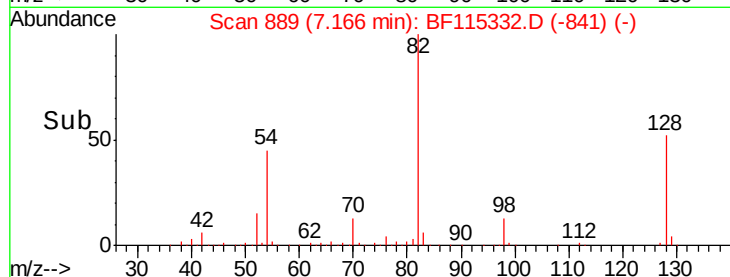
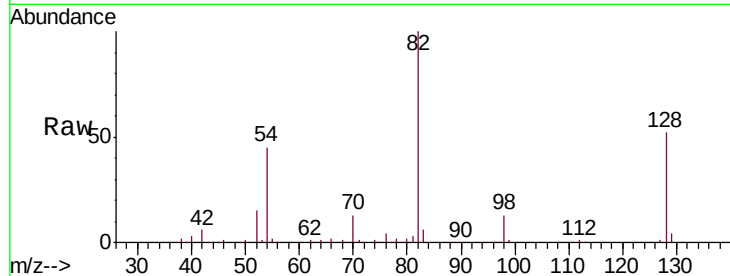
Tgt Ion: 77 Resp: 3361

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

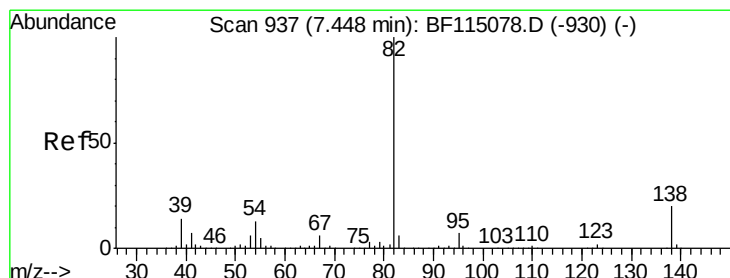
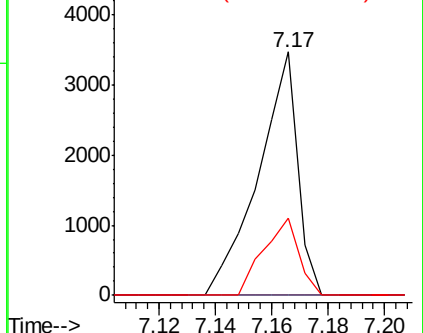
65 32.0 10.5 15.7#



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: 37.218 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

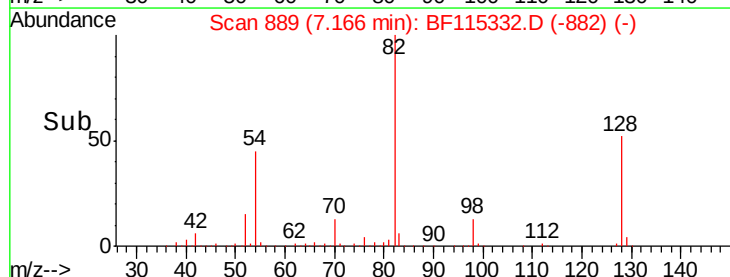
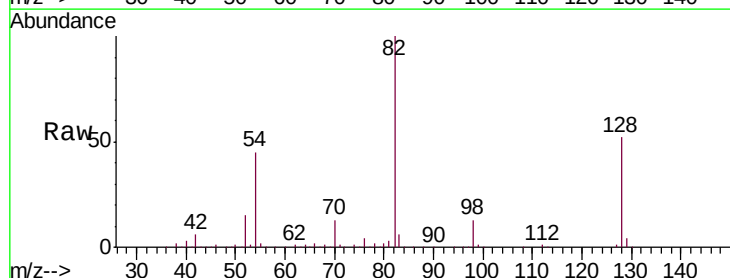
Tgt Ion: 82 Resp: 1054938

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

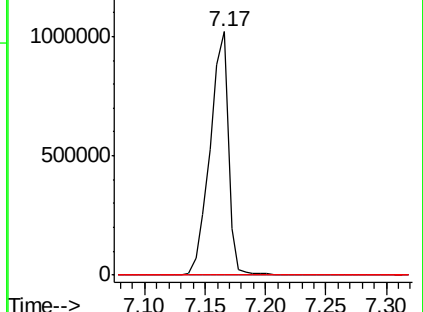
138 0.0 15.9 23.9#

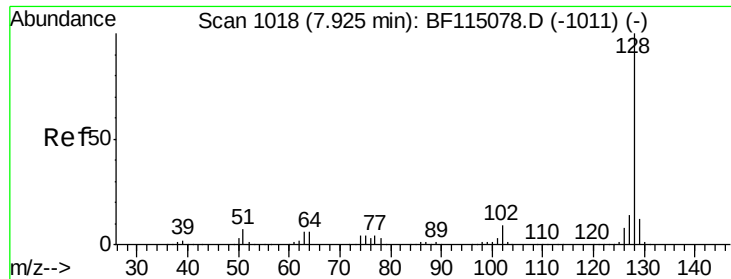


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

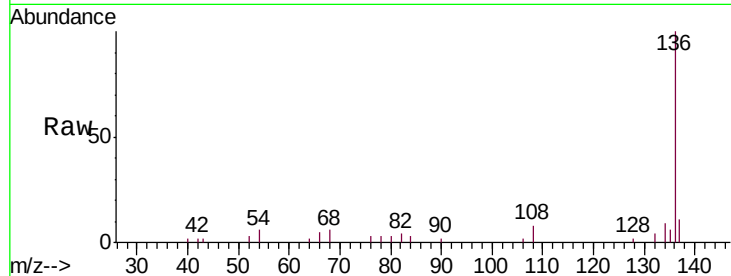




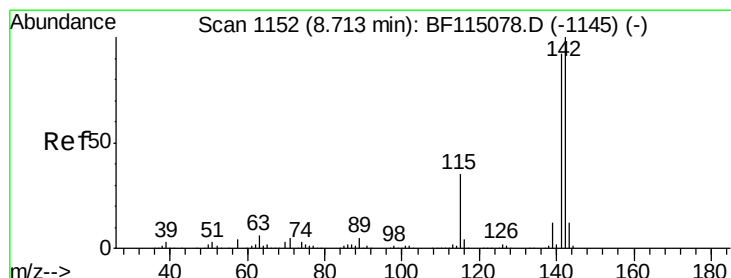
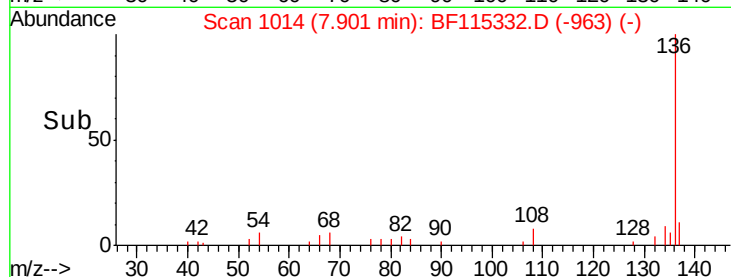
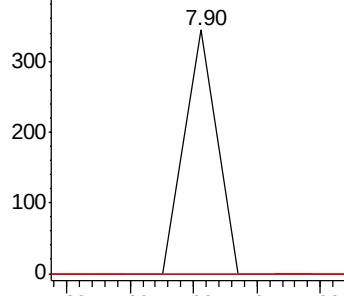
#31
Naphthalene
Concen: 0.003 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Tgt Ion:128 Resp: 121
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.4 17.0#

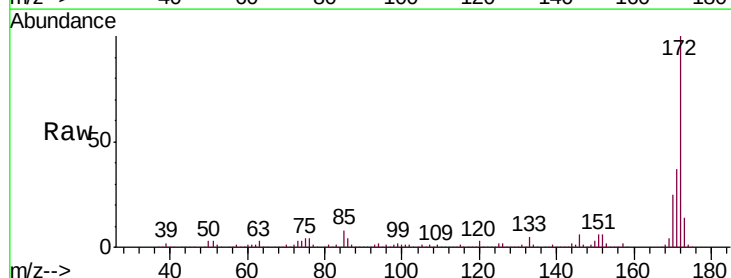


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

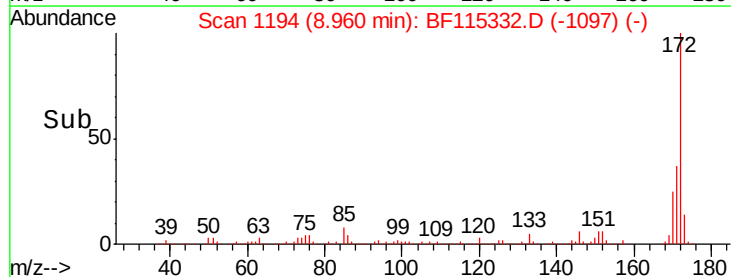
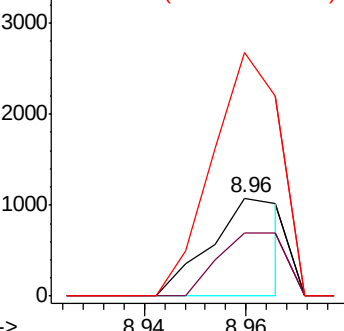


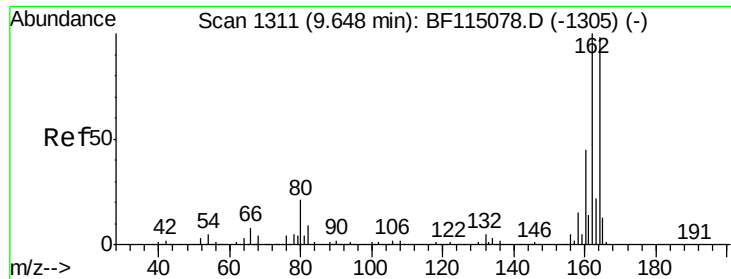
#38
1-Methylnaphthalene
Concen: 0.040 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.27 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:142 Resp: 1067
Ion Ratio Lower Upper
142 100
141 63.9 73.8 110.8#
116 248.1 2.8 4.2#



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

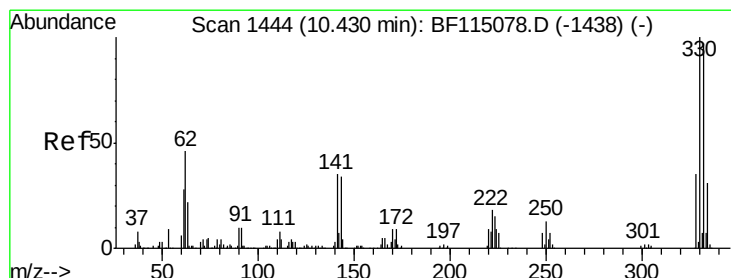
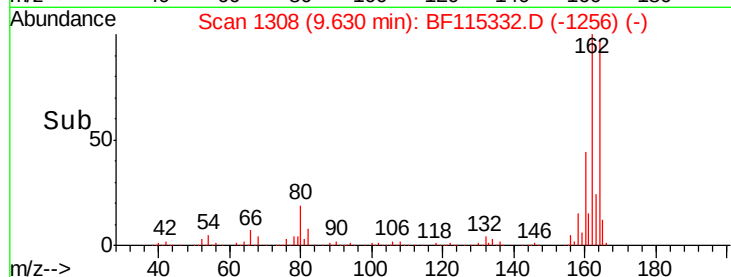
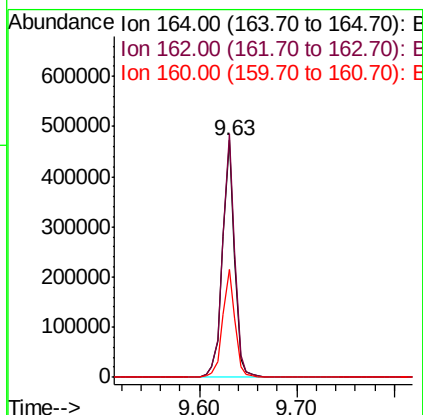
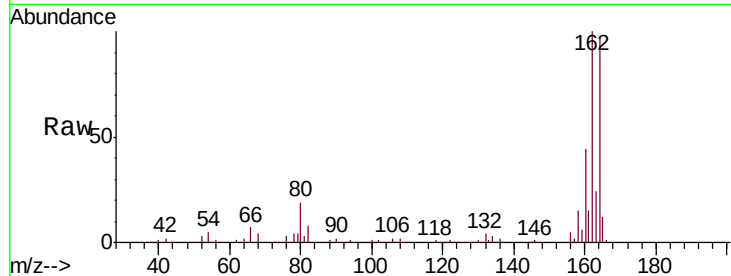




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

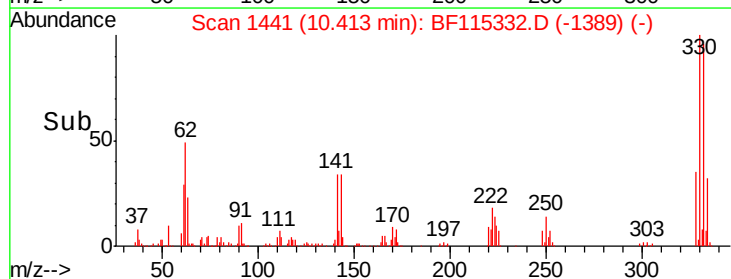
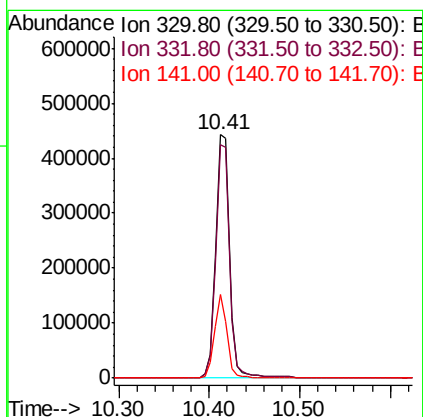
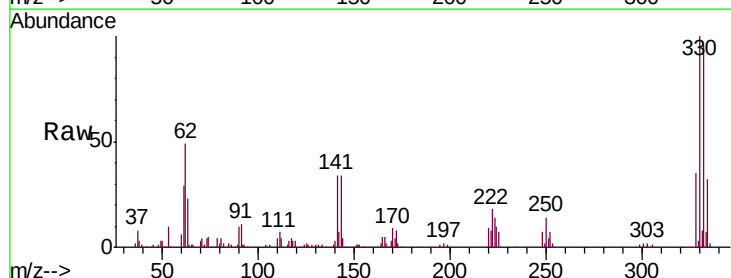
Instrument :
BNA_F
ClientSampleId :
PB121019TB

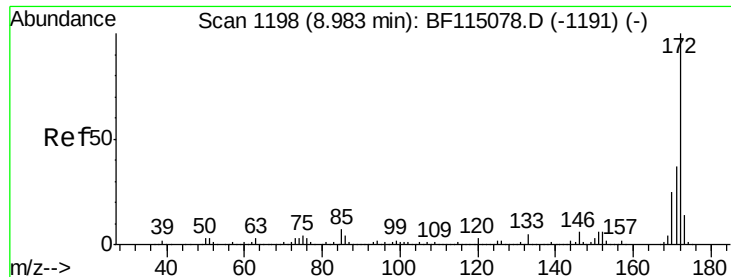
Tgt Ion:164 Resp: 407989
Ion Ratio Lower Upper
164 100
162 102.8 81.7 122.5
160 45.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 109.983 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:330 Resp: 473189
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 31.5 28.2 42.2

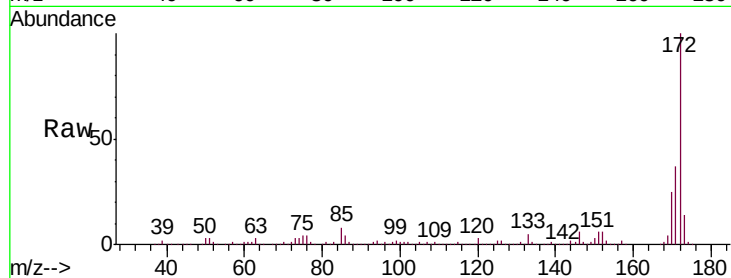




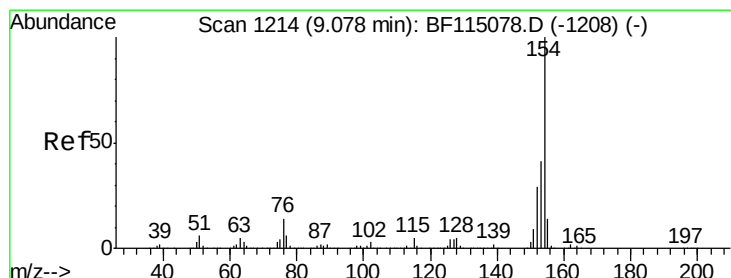
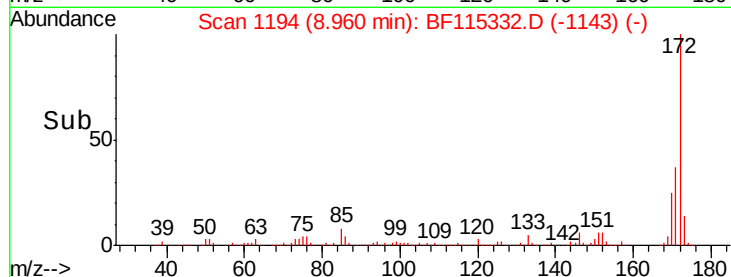
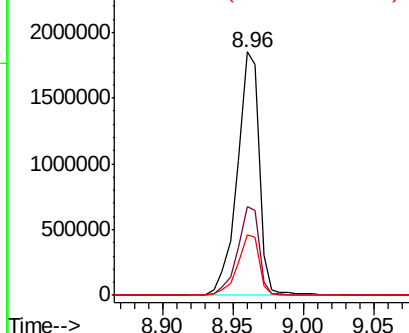
#45
2-Fluorobiphenyl
Concen: 83.887 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Tgt Ion:172 Resp: 2014872
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.9 20.3 30.5

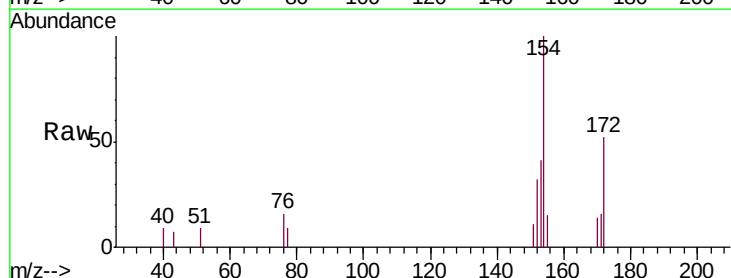


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

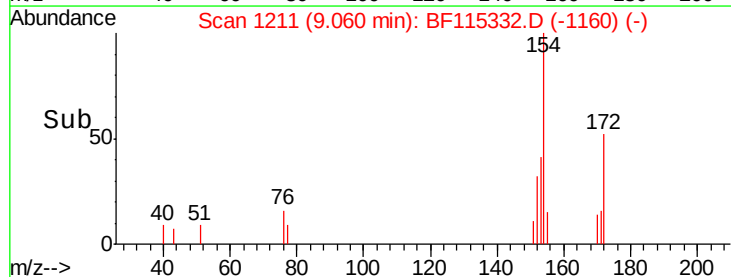
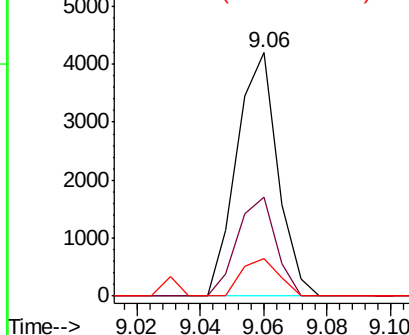


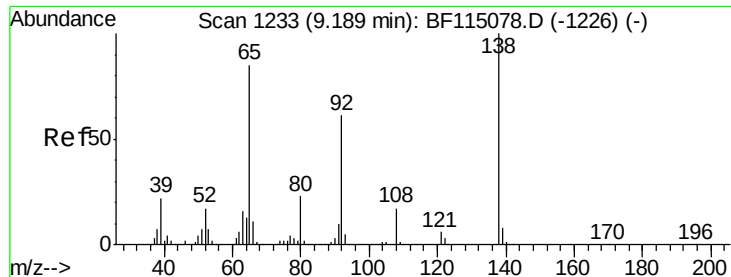
#46
1,1'-Biphenyl
Concen: 0.115 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:154 Resp: 3767
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 15.6 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
5000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#48

2-Nitroaniline

Concen: 0.391 ng

RT: 8.96 min Scan# 1194

Delta R.T. -0.21 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

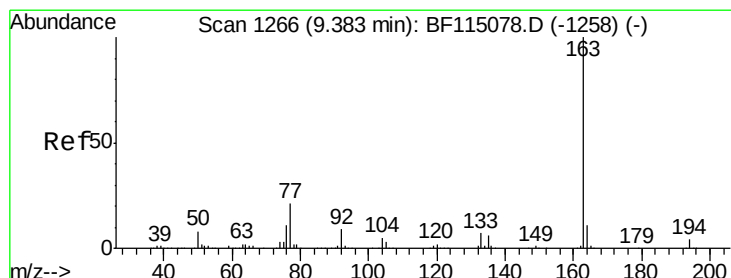
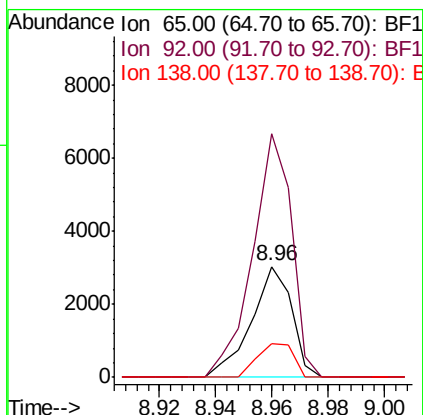
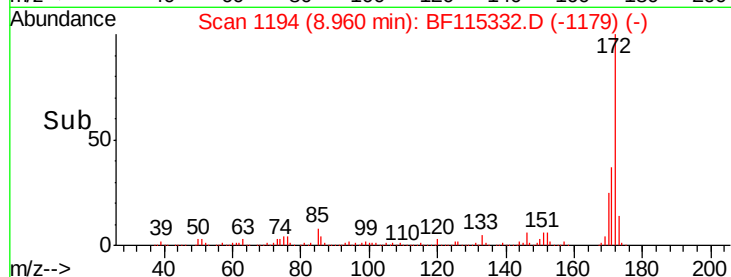
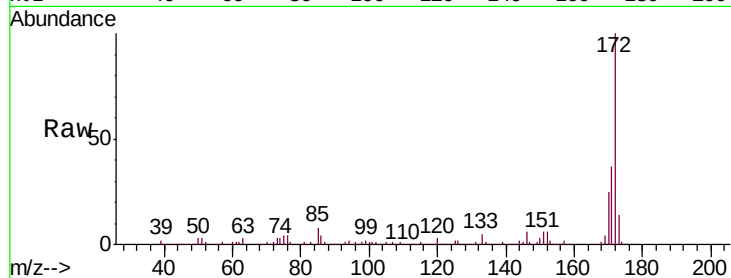
Tgt Ion: 65 Resp: 3018

Ion Ratio Lower Upper

65 100

92 220.4 57.4 86.2#

138 31.0 94.1 141.1#



#50

Dimethylphthalate

Concen: 3.692 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.27 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

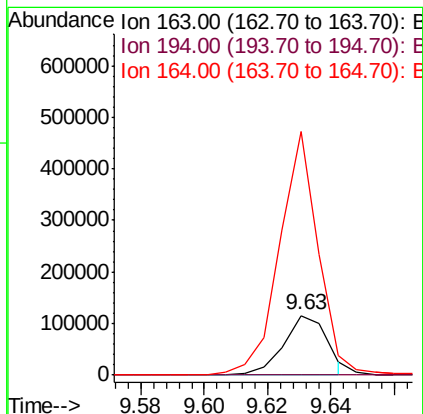
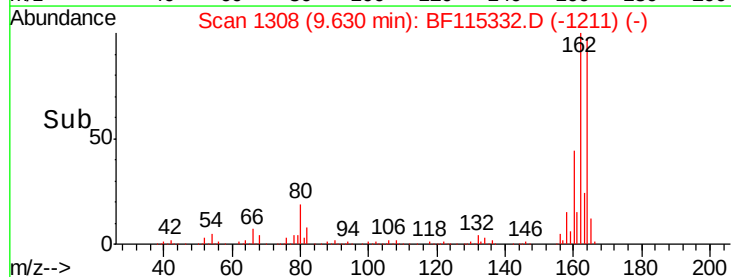
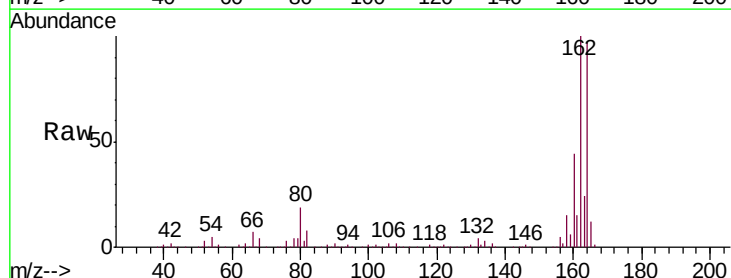
Tgt Ion: 163 Resp: 110821

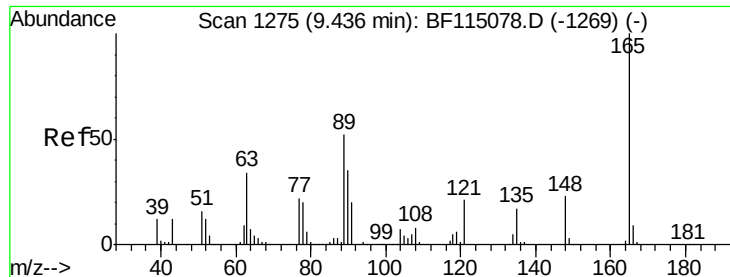
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 409.8 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 7.507 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.22 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

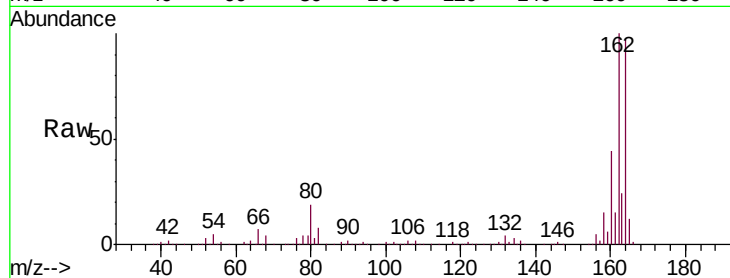
Tgt Ion:165 Resp: 52023

Ion Ratio Lower Upper

165 100

63 0.7 39.4 59.2#

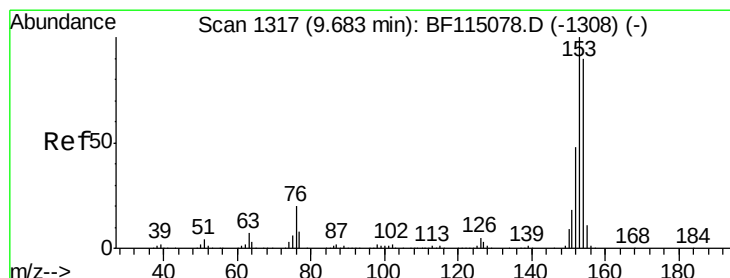
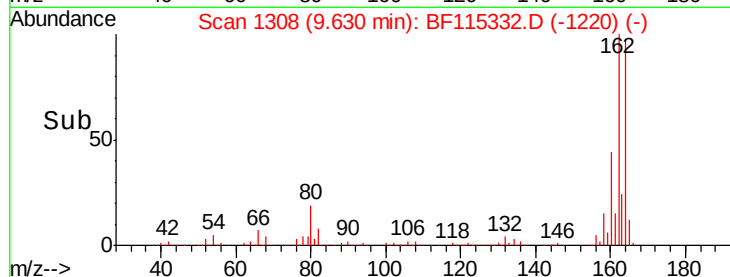
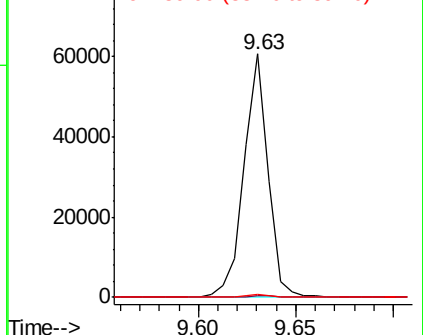
89 1.2 42.0 63.0#



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: 0.048 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

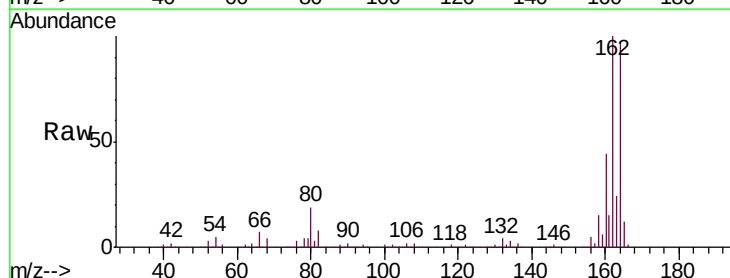
Tgt Ion:154 Resp: 1244

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

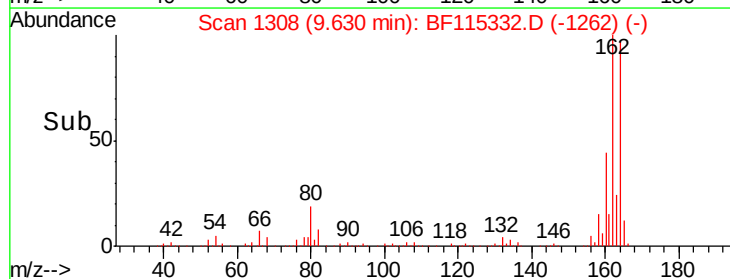
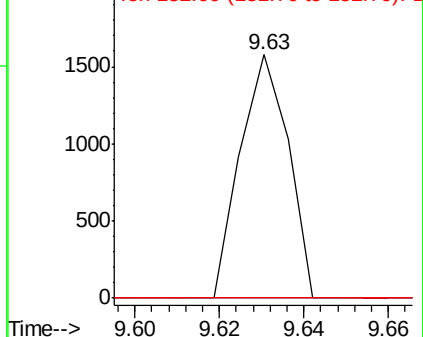
152 0.0 42.6 64.0#

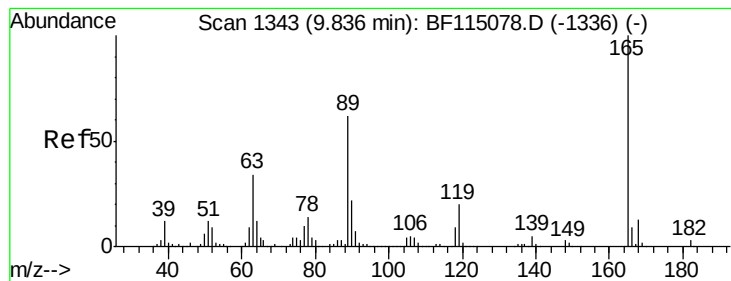


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 5.814 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

Tgt Ion:165 Resp: 52023

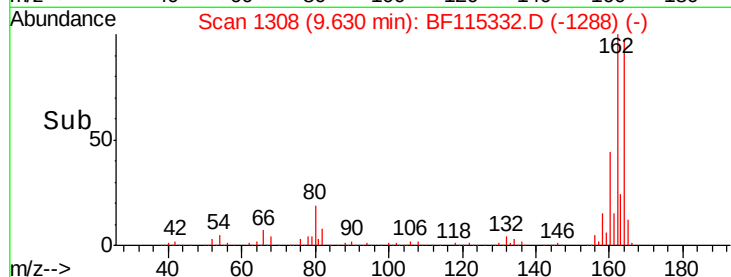
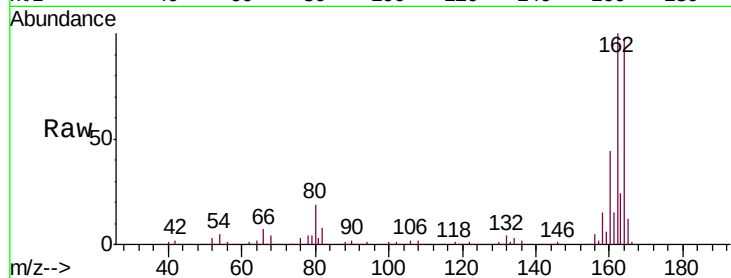
Ion Ratio Lower Upper

165 100

63 0.7 27.5 41.3#

89 1.2 49.9 74.9#

182 0.0 2.1 3.1#

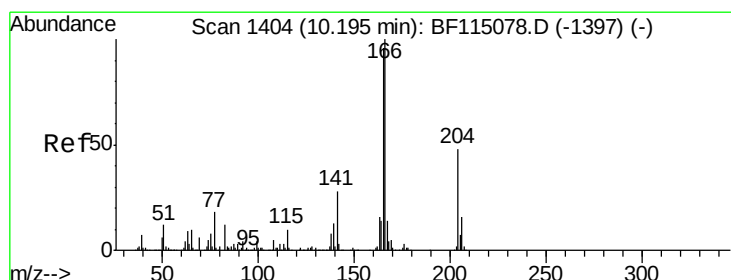
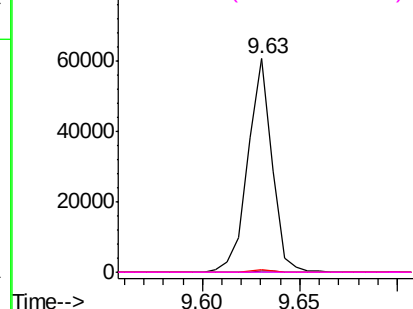


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: Below Cal

RT: 10.41 min Scan# 1441

Delta R.T. 0.24 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

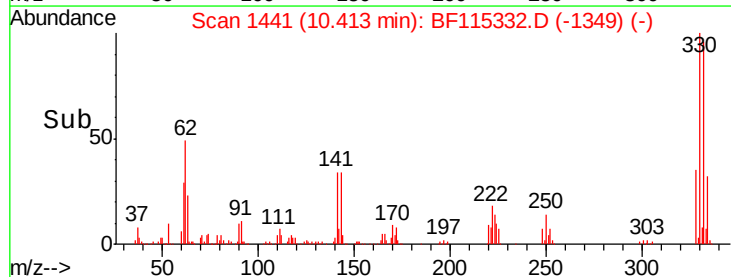
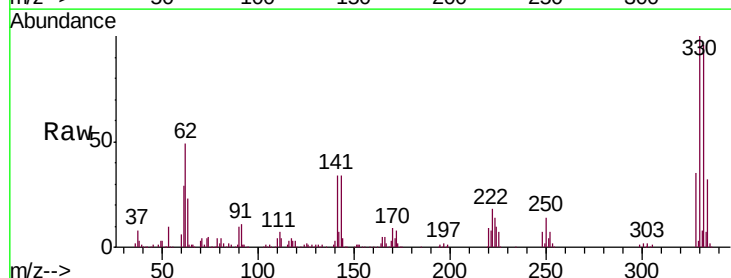
Tgt Ion:166 Resp: 21617

Ion Ratio Lower Upper

166 100

165 101.3 76.5 114.7

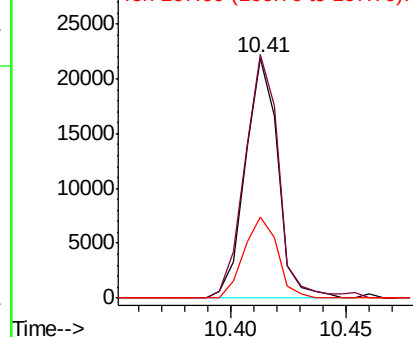
167 33.7 11.0 16.4#

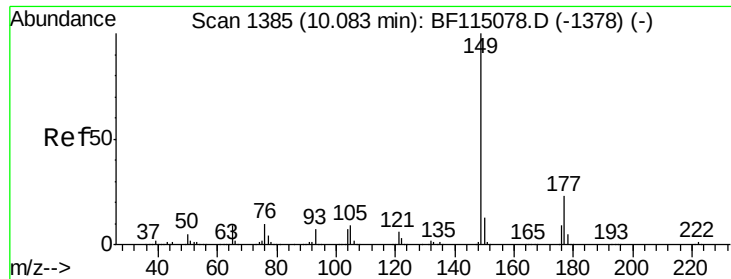


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.005 ng

RT: 10.05 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

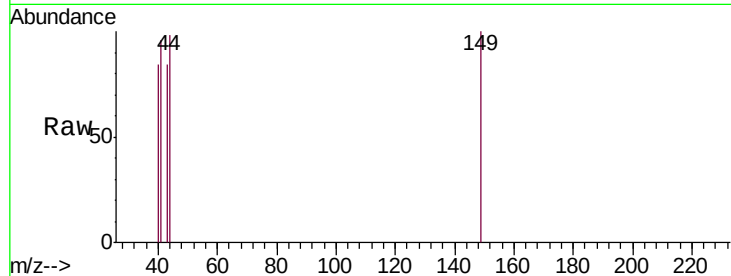
Tgt Ion: 149 Resp: 143

Ion Ratio Lower Upper

149 100

177 0.0 18.7 28.1#

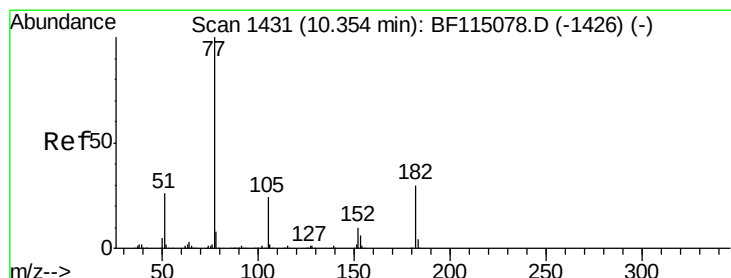
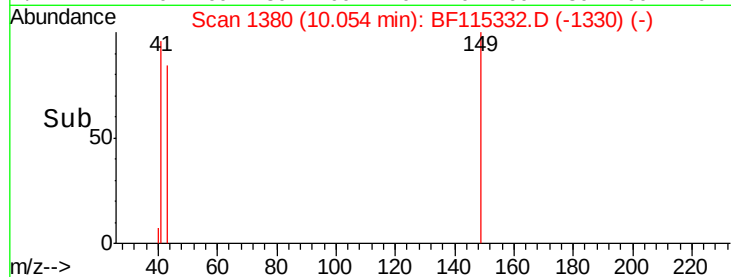
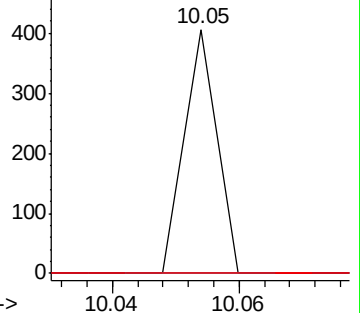
150 0.0 10.4 15.6#



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: 0.073 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.09 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Tgt Ion: 77 Resp: 2058

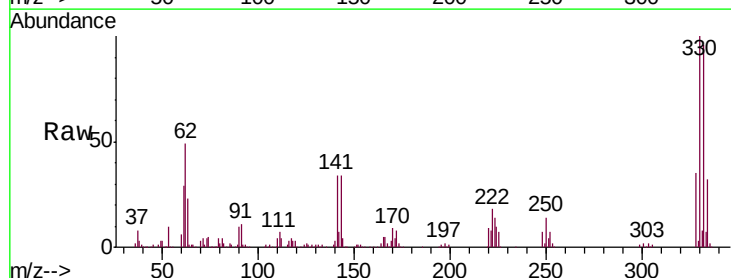
Ion Ratio Lower Upper

77 100

182 0.0 10.1 50.1#

105 102.1 4.5 44.5#

51 77.2 6.4 46.4#

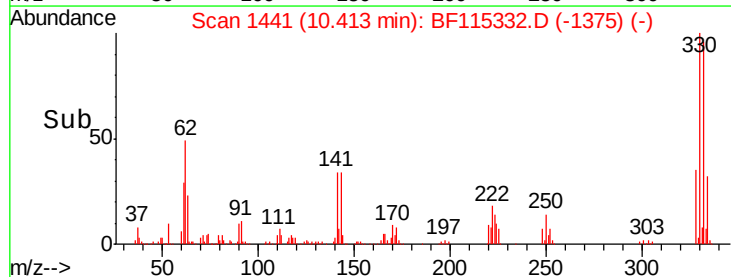
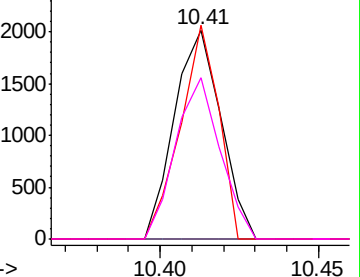


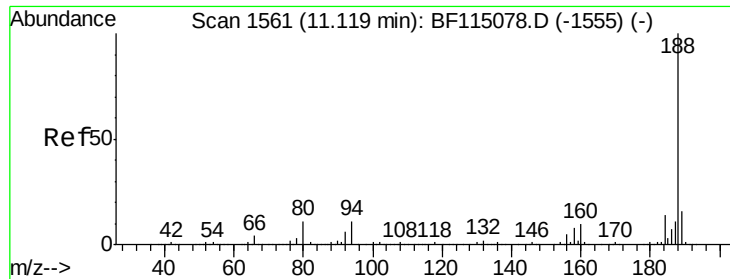
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

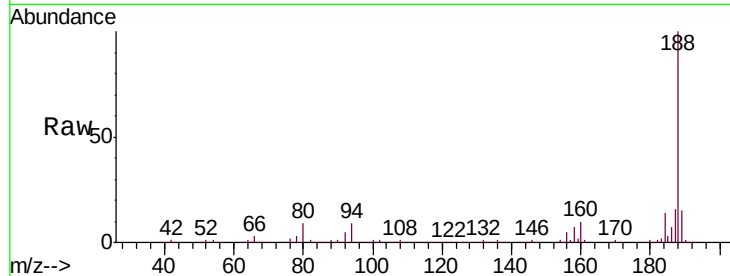




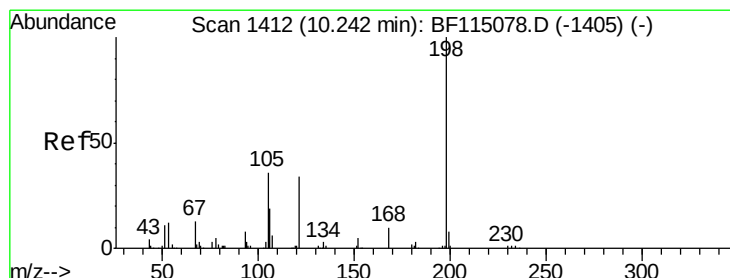
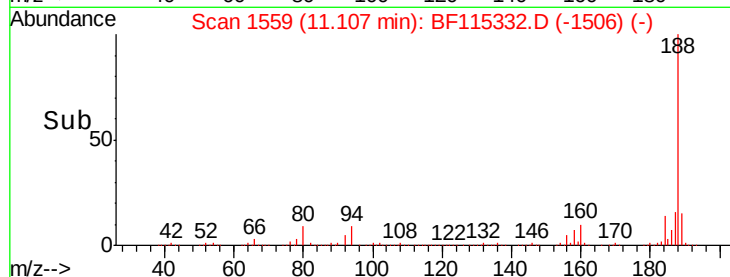
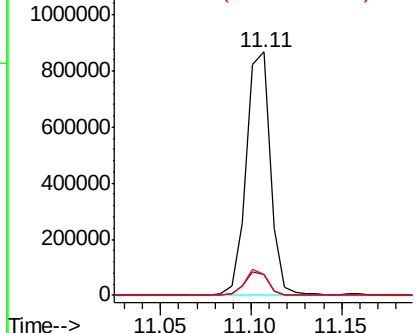
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121019TB

Tgt Ion:188 Resp: 806850
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.6 12.8
 80 8.7 8.8 13.2#

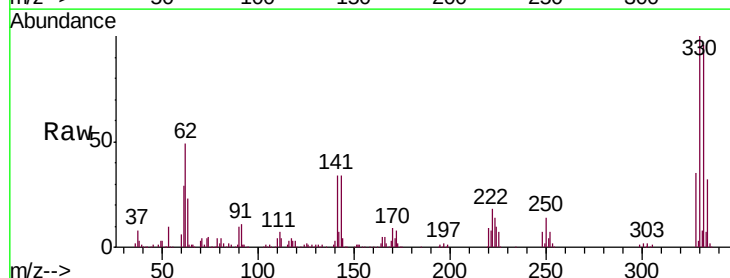


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

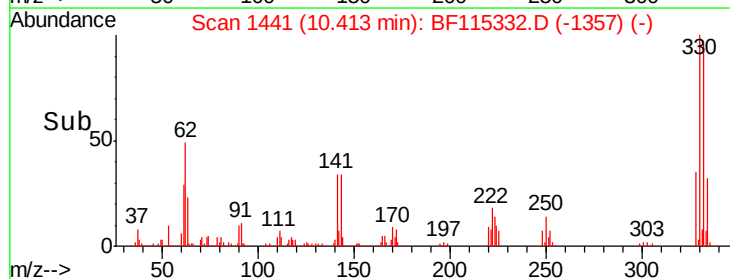
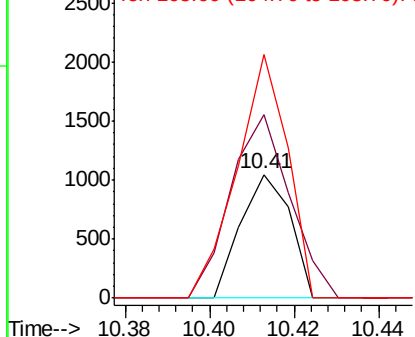


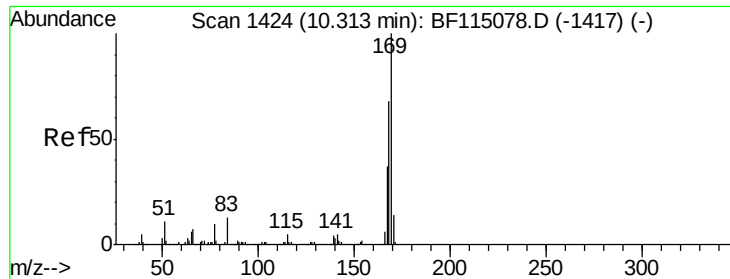
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.138 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Tgt Ion:198 Resp: 854
 Ion Ratio Lower Upper
 198 100
 51 149.0 11.0 51.0#
 105 197.1 17.3 57.3#



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

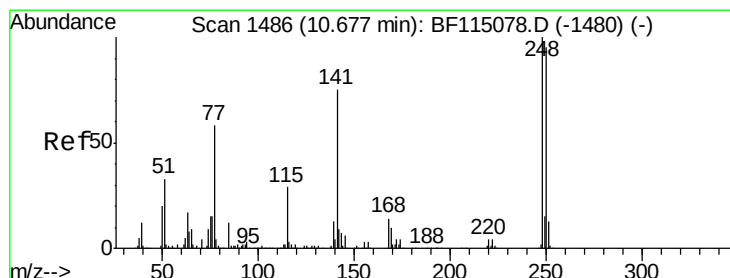
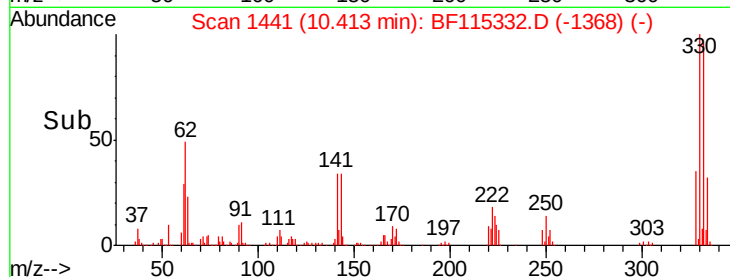
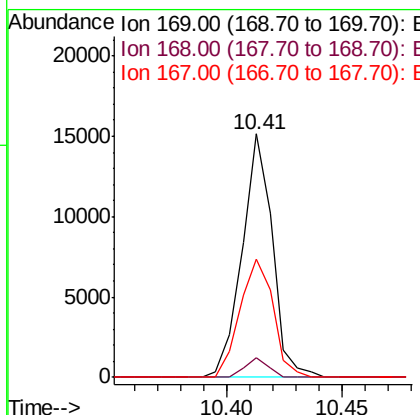
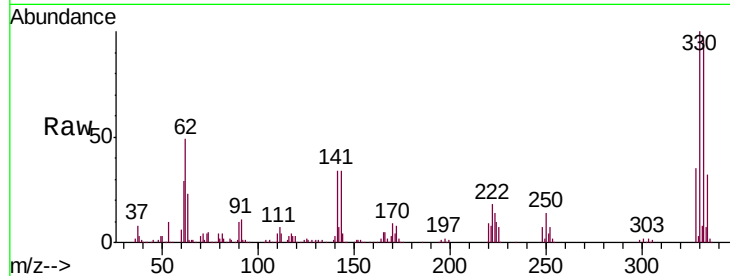




#66
 n-Nitrosodiphenylamine
 Concen: 0.553 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.13 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

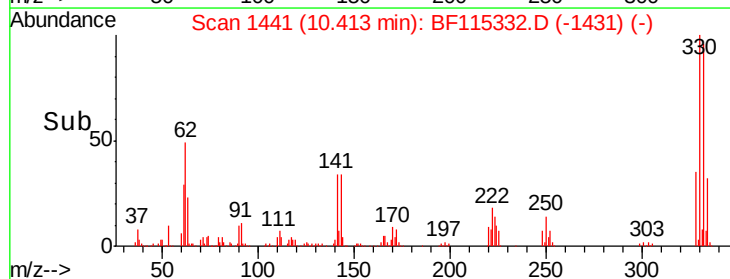
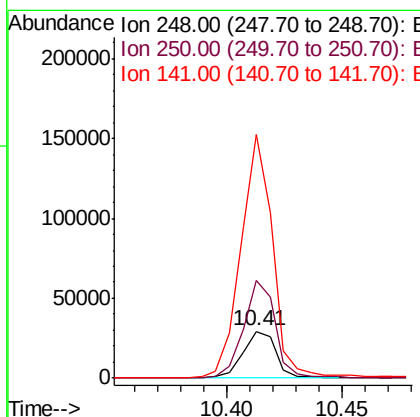
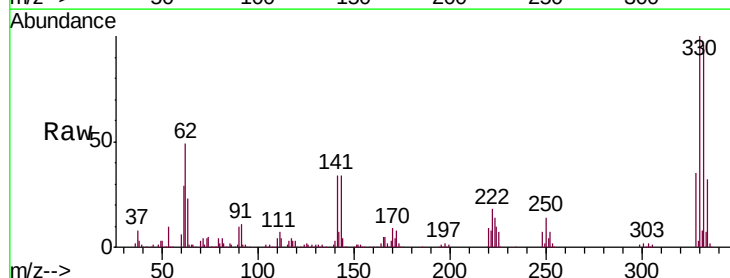
Instrument :
 BNA_F
 ClientSampleId :
 PB121019TB

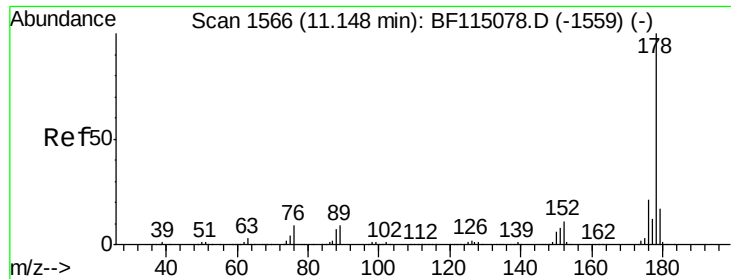
Tgt Ion:169 Resp: 13907
 Ion Ratio Lower Upper
 169 100
 168 7.8 54.2 81.4#
 167 48.8 29.4 44.0#



#67
 4-Bromophenyl-phenylether
 Concen: 3.375 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF115332.D
 Acq: 1 Jul 2019 12:02

Tgt Ion:248 Resp: 29527
 Ion Ratio Lower Upper
 248 100
 250 206.7 76.2 114.2#
 141 518.1 59.6 89.4#





#71

Phenanthrene

Concen: 0.025 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

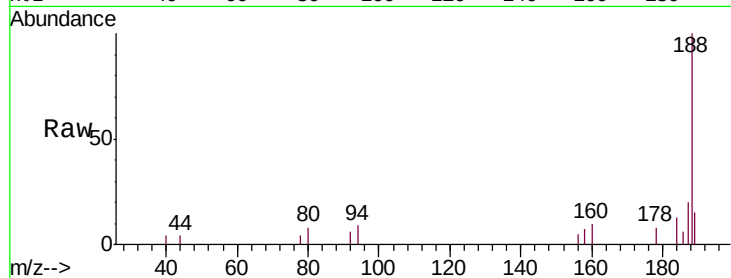
Tgt Ion:178 Resp: 1094

Ion Ratio Lower Upper

178 100

176 0.0 16.9 25.3#

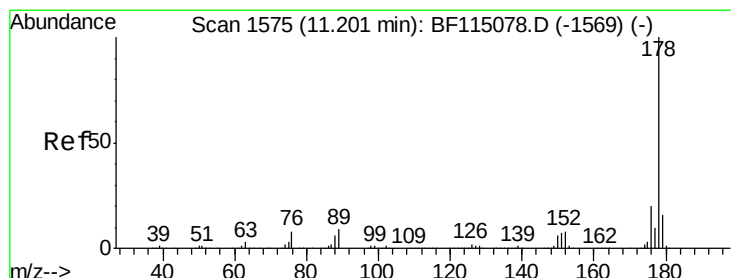
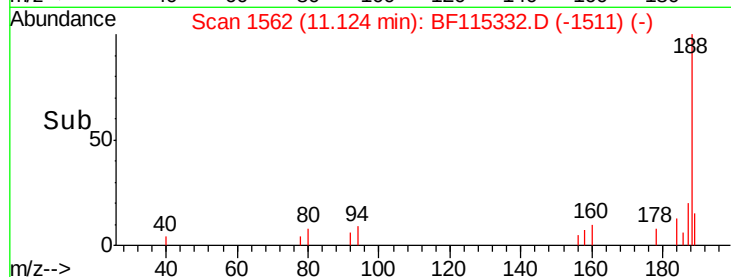
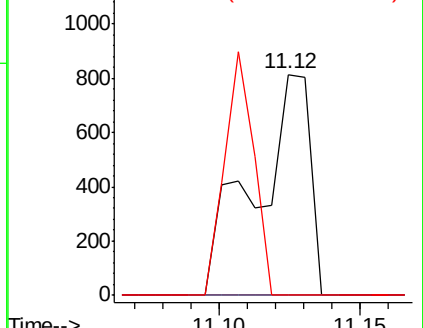
179 0.0 13.2 19.8#



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: 0.006 ng

RT: 11.18 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

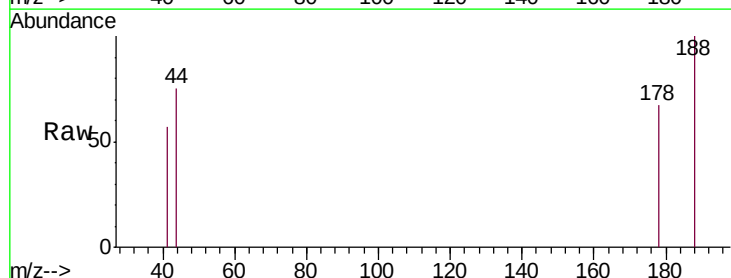
Tgt Ion:178 Resp: 259

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

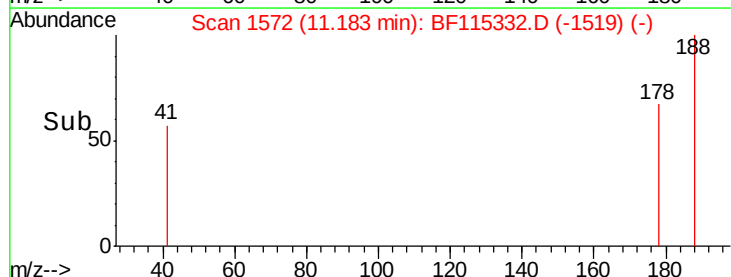
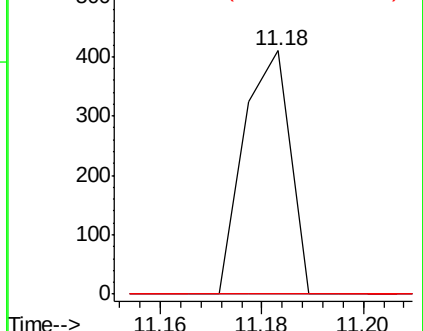
179 0.0 12.9 19.3#

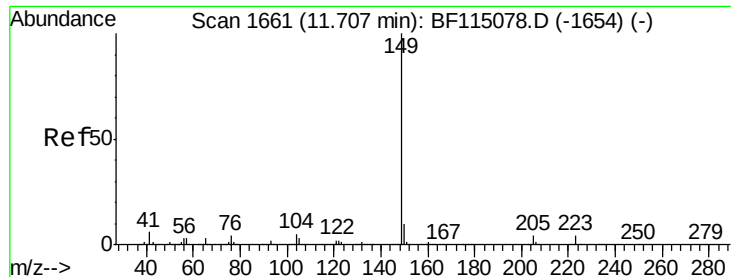


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.025 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

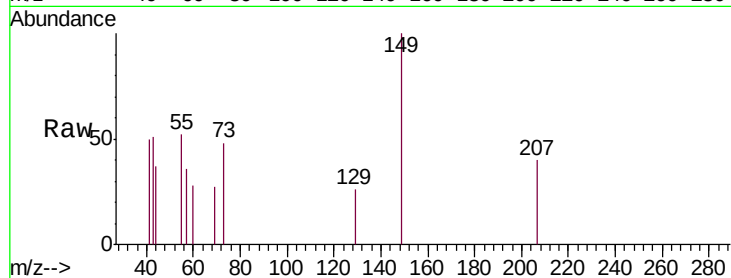
Tgt Ion:149 Resp: 1116

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

104 0.0 3.7 5.5#



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

11.68

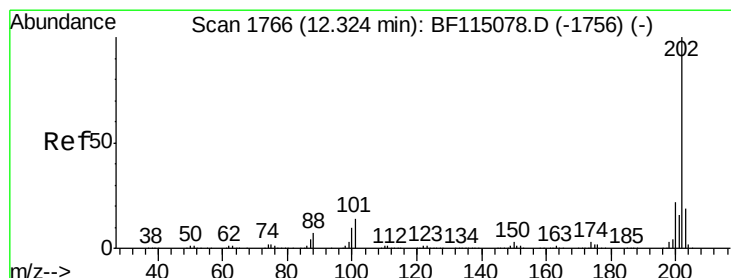
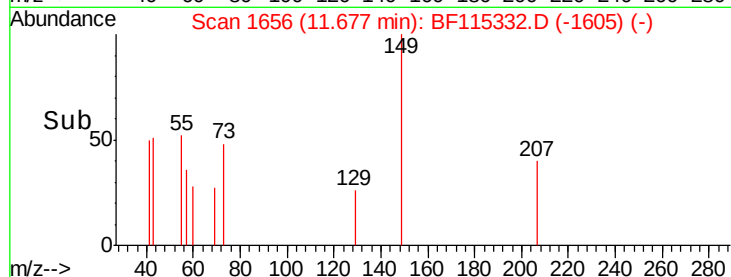
1000

500

0

11.64 11.66 11.68 11.70

Time-->



#75

Fluoranthene

Concen: 0.018 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

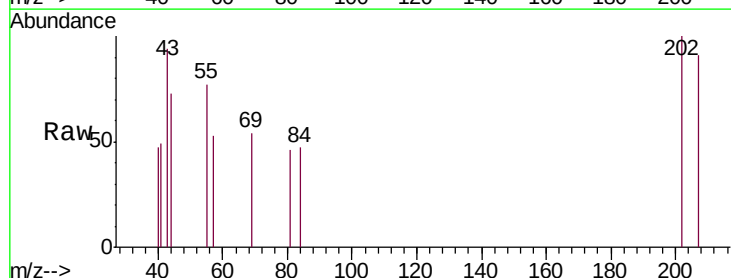
Tgt Ion:202 Resp: 761

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.0

203 0.0 0.0 38.8



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

12.31

800

600

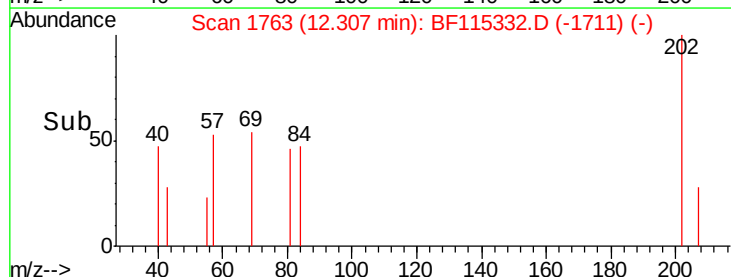
400

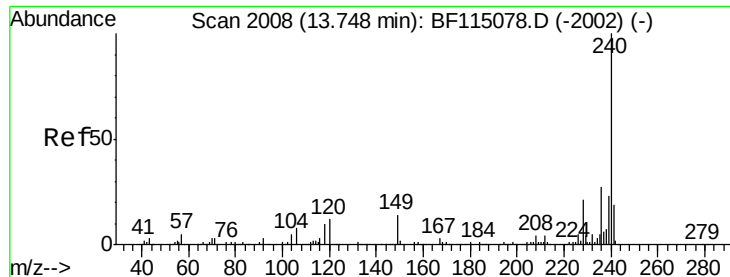
200

0

12.30

Time-->

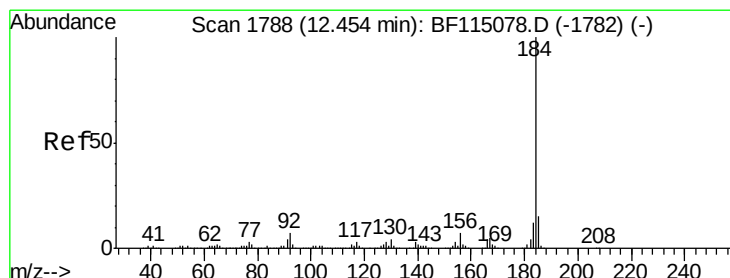
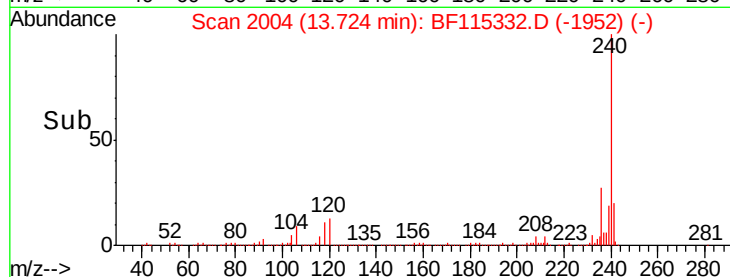
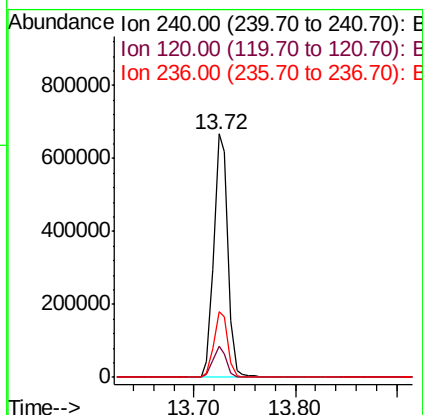
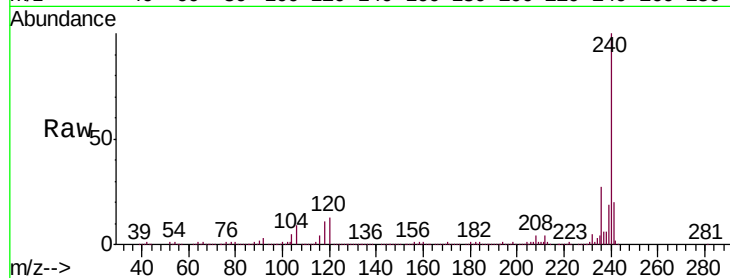




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

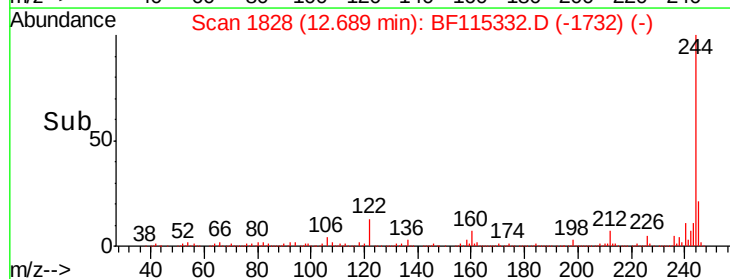
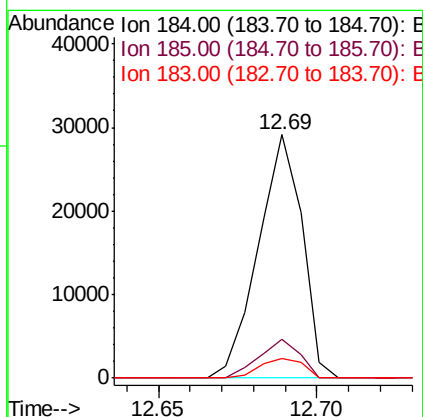
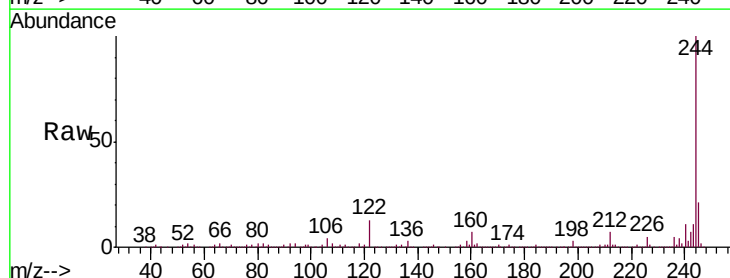
Instrument :
BNA_F
ClientSampleId :
PB121019TB

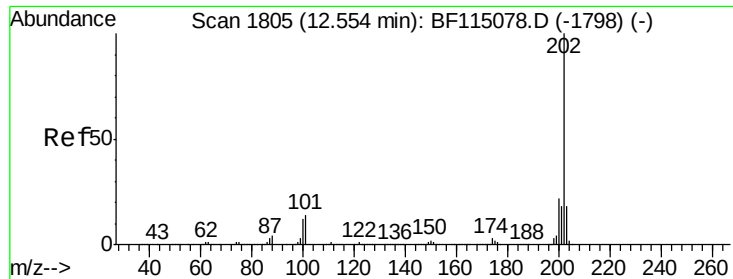
Tgt Ion:240 Resp: 646946
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 26.9 21.7 32.5



#77
Benzidine
Concen: 0.974 ng
RT: 12.69 min Scan# 1828
Delta R.T. 0.26 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:184 Resp: 27983
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 7.9 9.6 14.4#

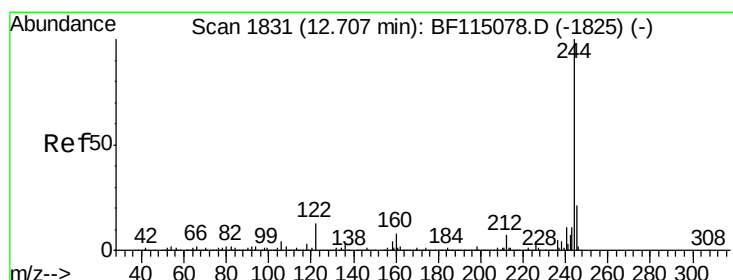
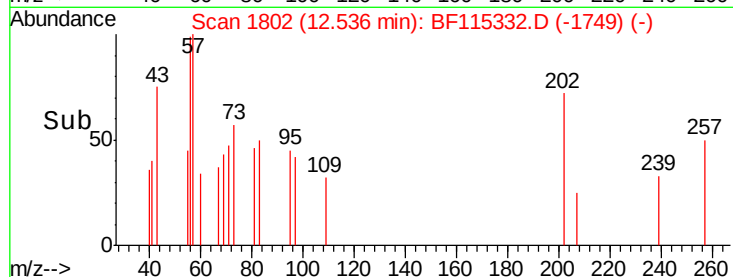
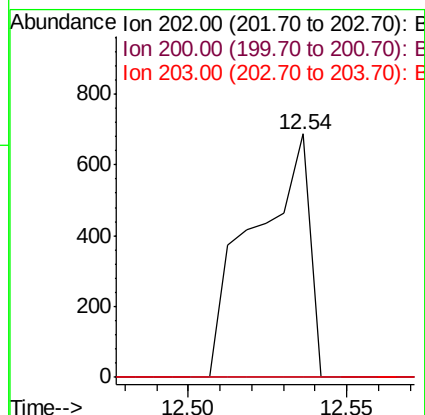
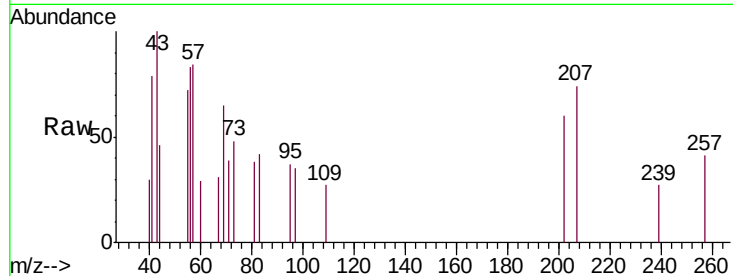




#78
Pyrene
Concen: 0.017 ng
RT: 12.54 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

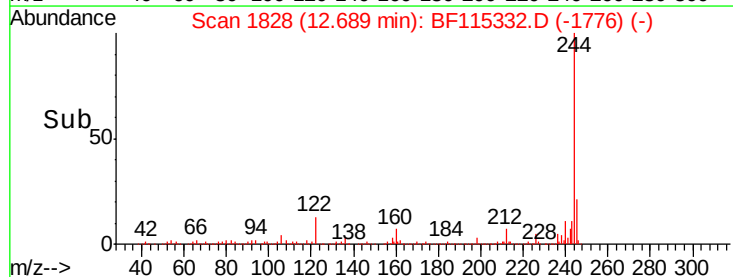
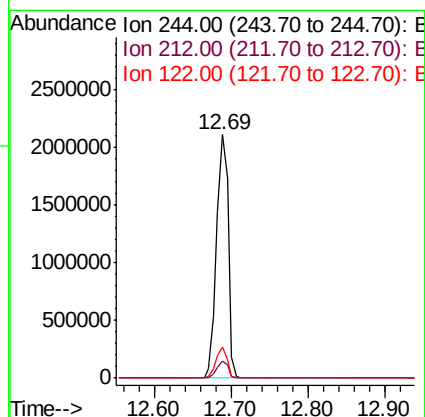
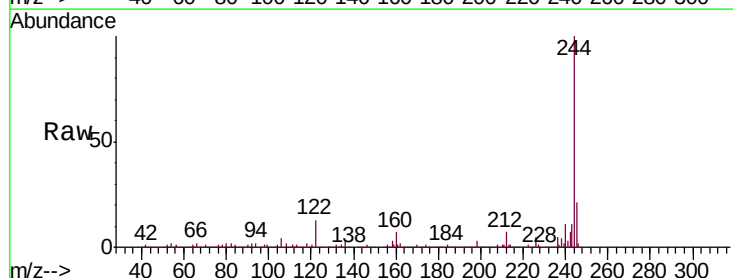
Instrument :
BNA_F
ClientSampleId :
PB121019TB

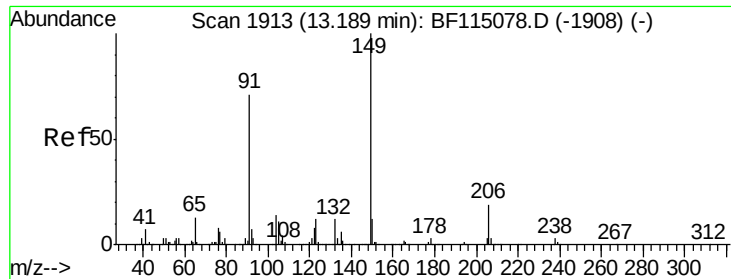
Tgt Ion: 202 Resp: 839
Ion Ratio Lower Upper
202 100
200 0.0 17.9 26.9#
203 0.0 14.6 21.8#



#79
Terphenyl-d14
Concen: 71.138 ng
RT: 12.69 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion: 244 Resp: 2164573
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 12.8 10.4 15.6

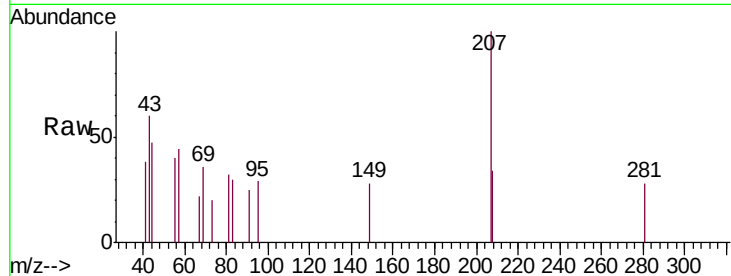




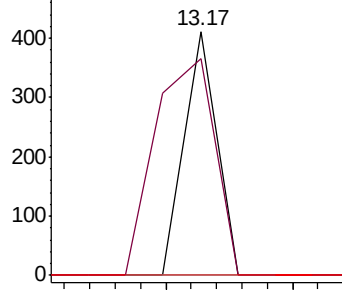
#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 13.17 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
BNA_F
ClientSampled :
PB121019TB

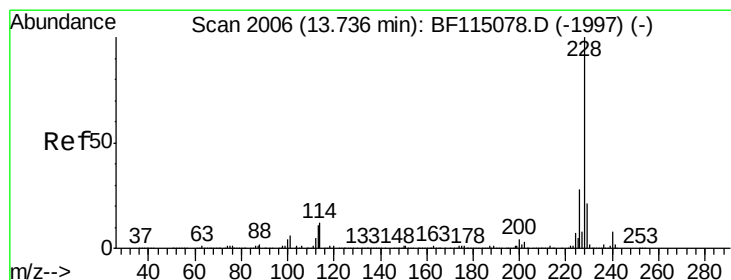
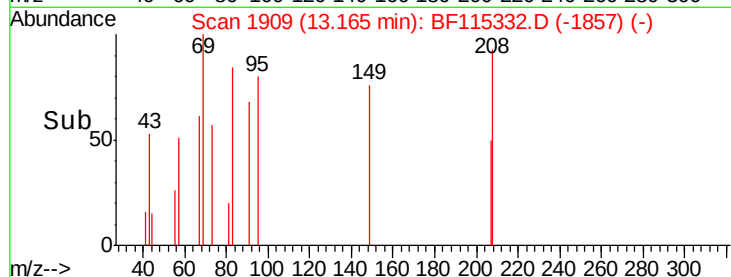
Tgt Ion:149 Resp: 145
Ion Ratio Lower Upper
149 100
91 89.1 56.5 84.7#
206 0.0 15.3 22.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

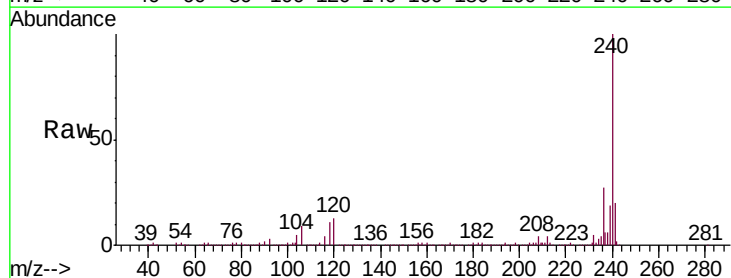


Time-->

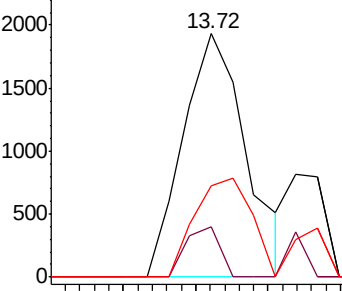


#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

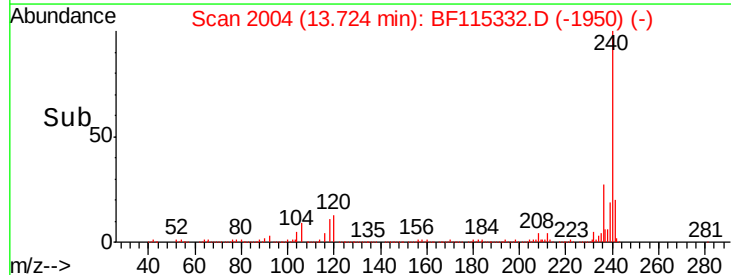
Tgt Ion:228 Resp: 2336
Ion Ratio Lower Upper
228 100
226 20.4 22.5 33.7#
229 37.5 16.6 24.8#

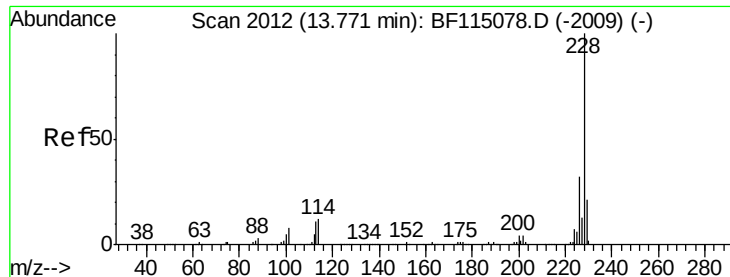


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Chrysene

Concen: 0.055 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

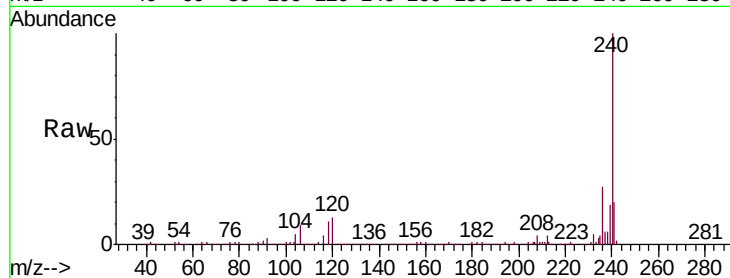
Instrument :

BNA_F

ClientSampleId :

PB121019TB

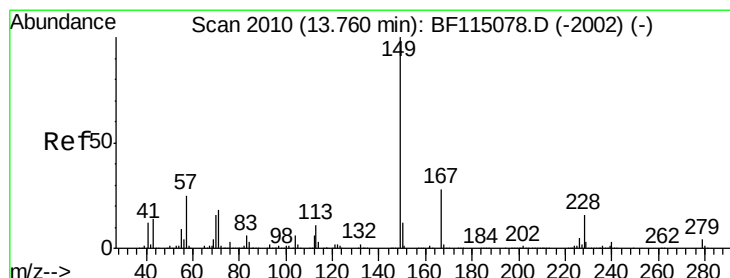
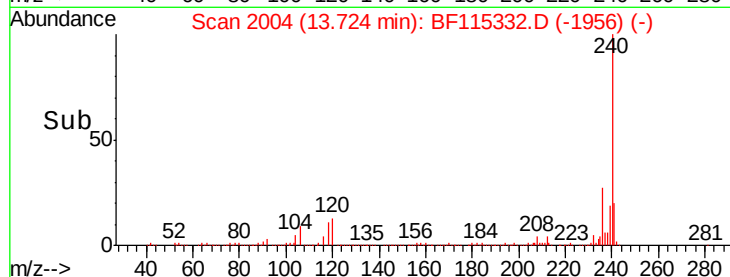
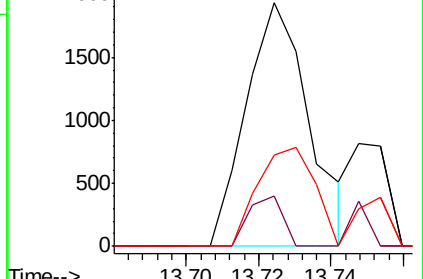
Tgt Ion:	228	Resp:	2336
Ion	Ratio	Lower	Upper
228	100		
226	20.4	25.4	38.0#
229	37.5	16.5	24.7#



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: 0.045 ng

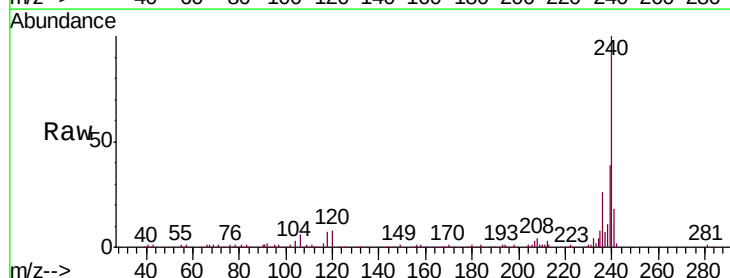
RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

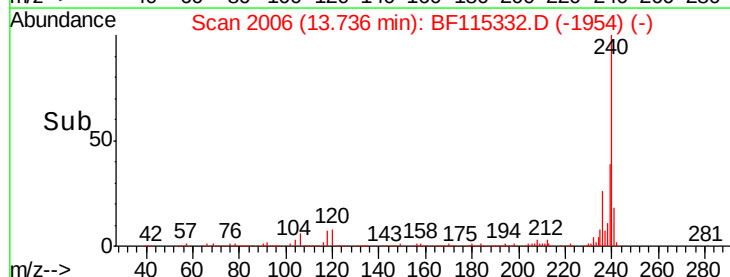
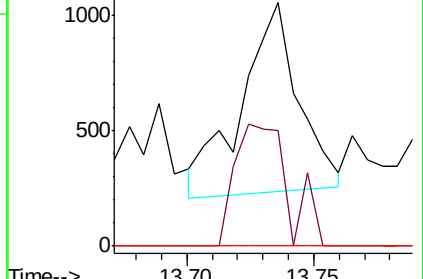
Tgt Ion:	149	Resp:	1295
Ion	Ratio	Lower	Upper
149	100		
167	47.2	22.2	33.4#
279	0.0	2.9	4.3#

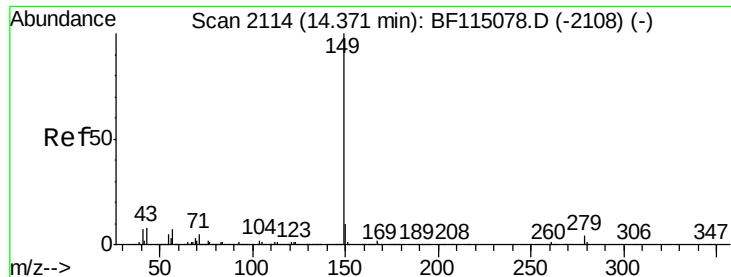


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

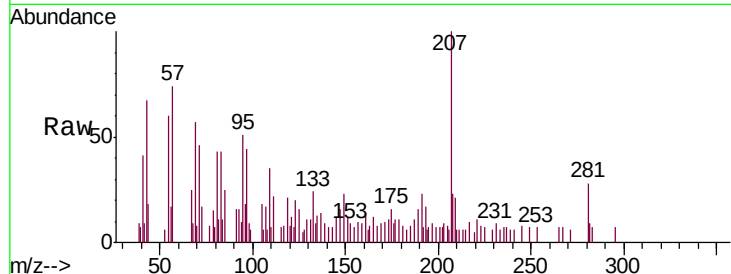




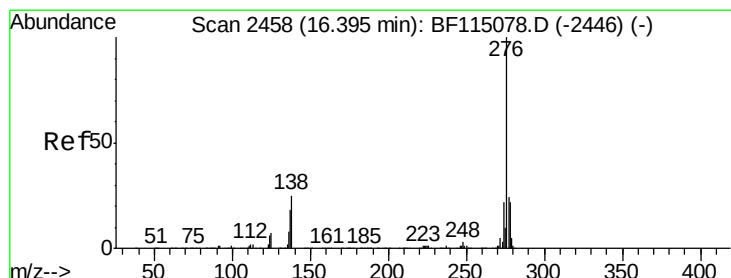
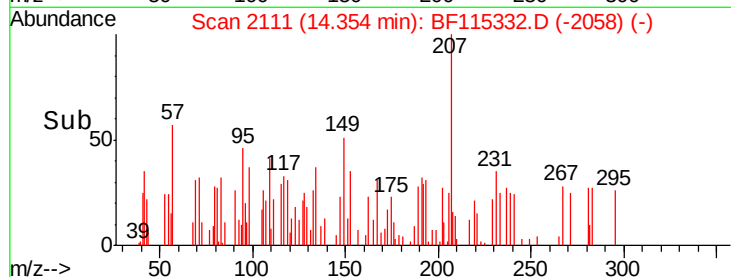
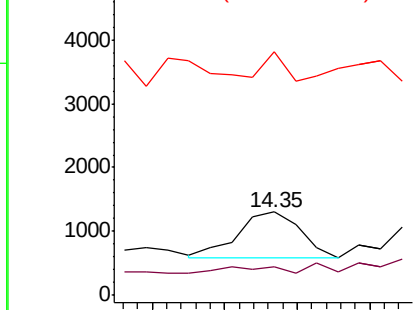
#85
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 14.35 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB121019TB

Tgt Ion:149 Resp: 876
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.0 10.6#

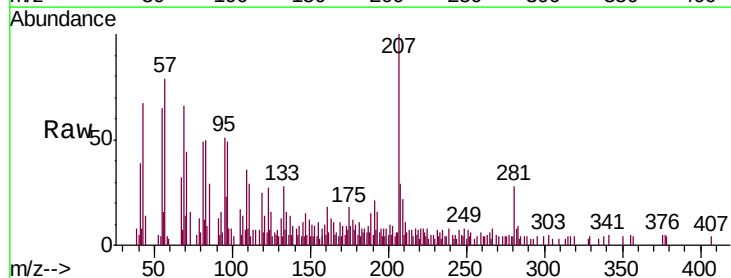


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

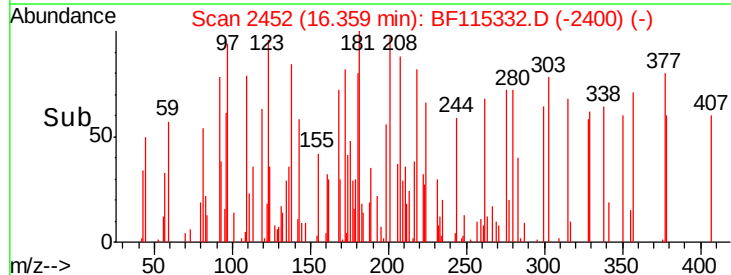
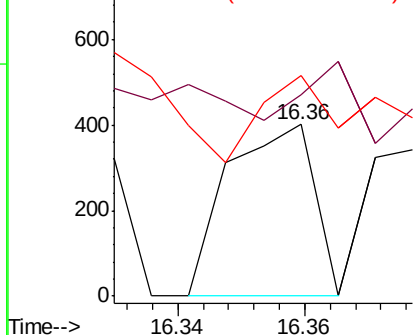


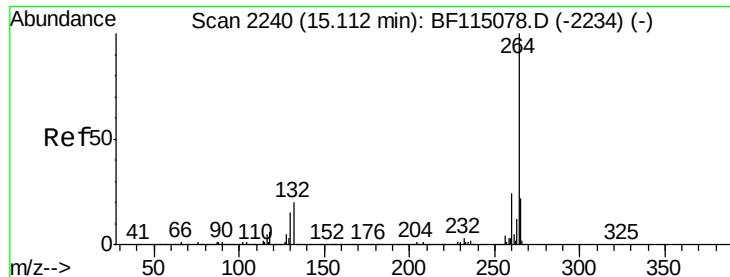
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 16.36 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:276 Resp: 376
Ion Ratio Lower Upper
276 100
138 58.8 23.2 34.8#
277 210.6 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: 15.12 min Scan# 2241

Delta R.T. 0.04 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

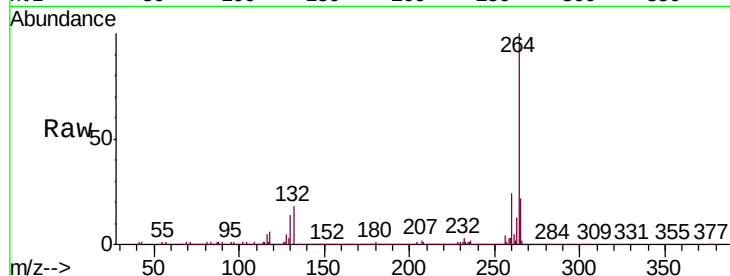
Tgt Ion:264 Resp: 693962

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

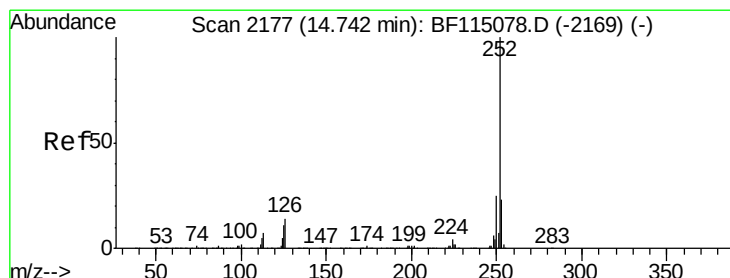
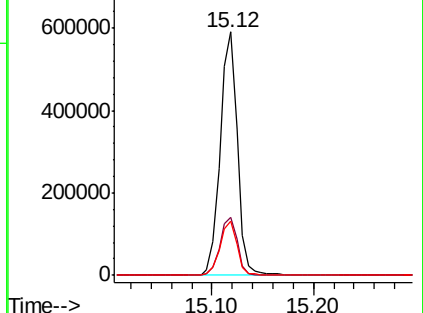
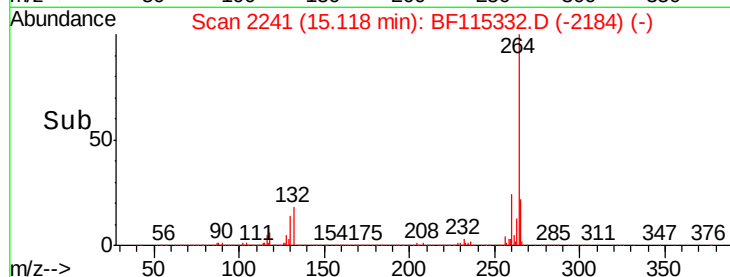
265 22.1 17.3 25.9



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: 0.021 ng

RT: 14.77 min Scan# 2181

Delta R.T. 0.05 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

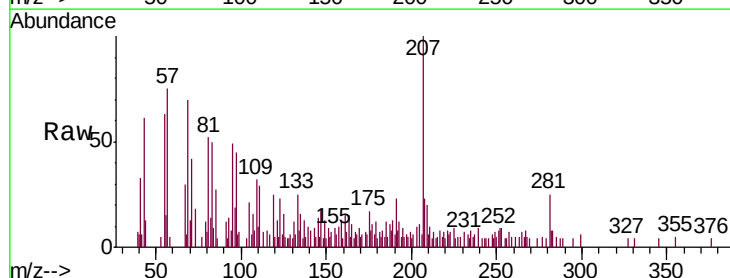
Tgt Ion:252 Resp: 911

Ion Ratio Lower Upper

252 100

253 95.1 18.1 27.1#

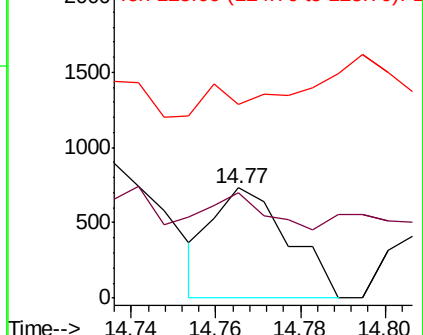
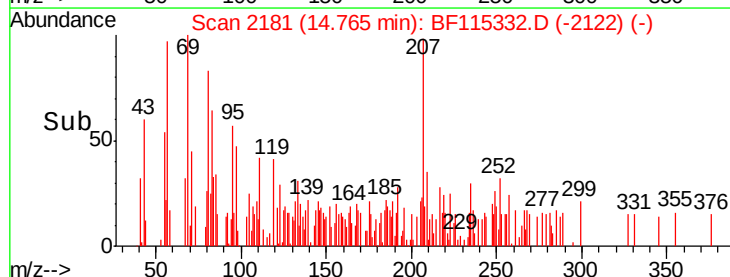
125 176.4 8.7 13.1#

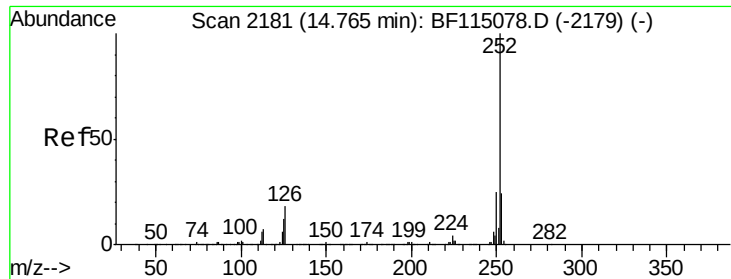


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

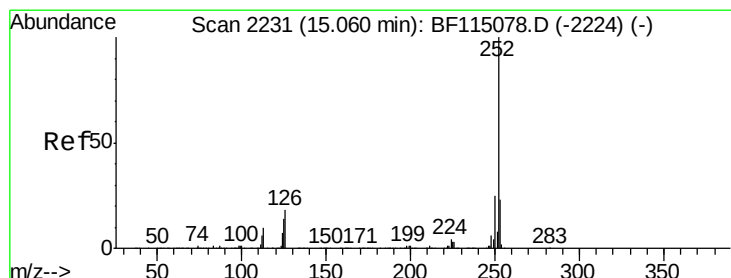
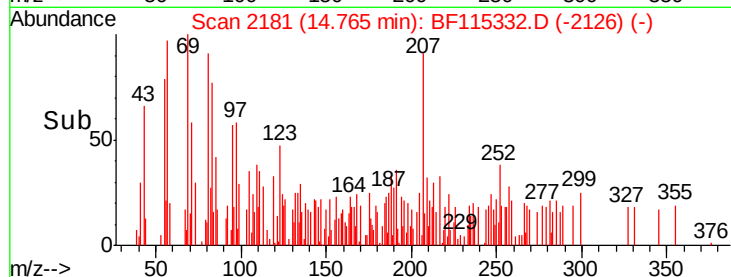
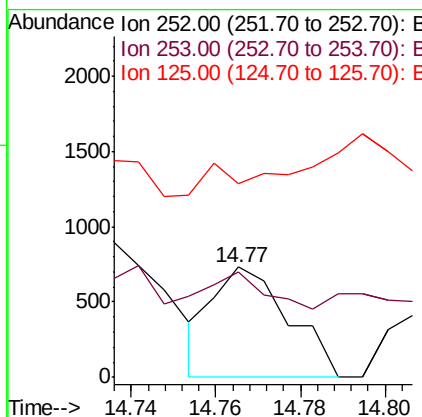
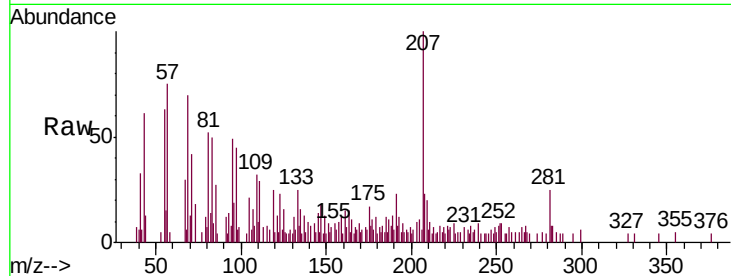




#89
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

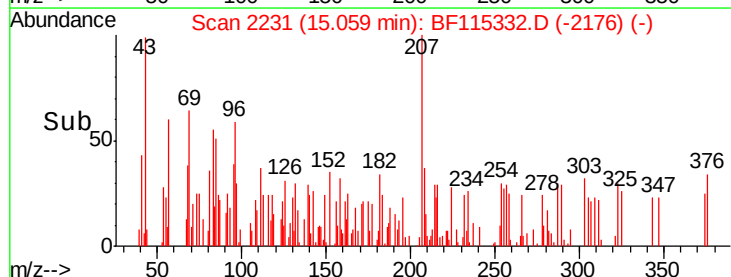
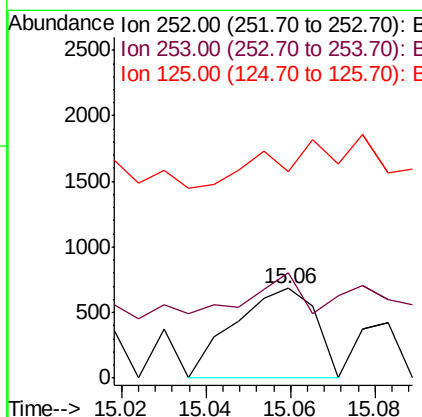
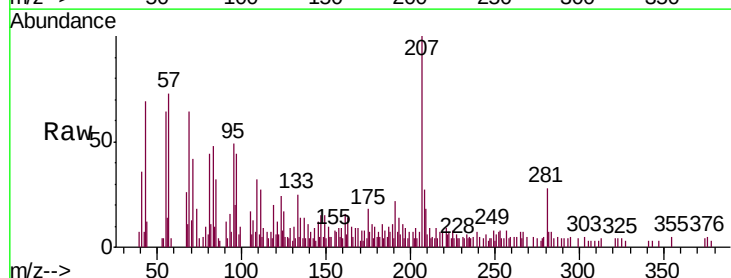
Instrument :
BNA_F
ClientSampleId :
PB121019TB

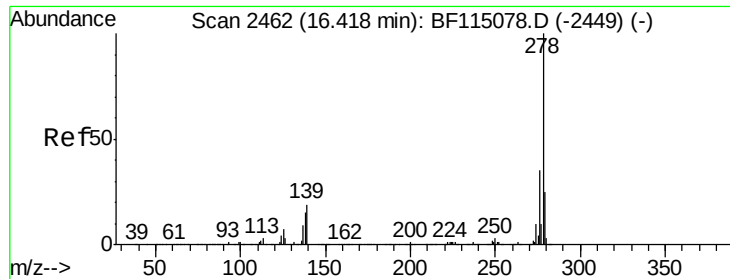
Tgt Ion:252 Resp: 911
Ion Ratio Lower Upper
252 100
253 95.1 18.9 28.3#
125 176.4 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 0.023 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF115332.D
Acq: 1 Jul 2019 12:02

Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
252 100
253 117.1 18.3 27.5#
125 230.1 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.03 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB121019TB

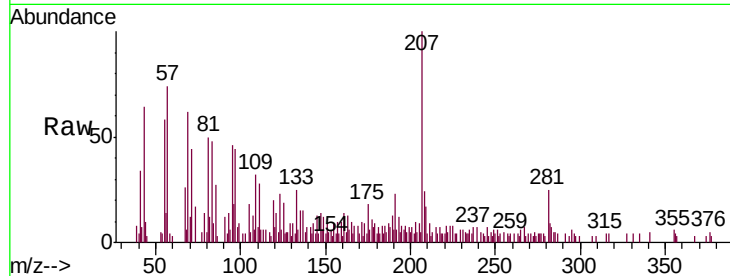
Tgt Ion: 278 Resp: 142

Ion Ratio Lower Upper

278 100

139 186.8 15.4 23.2#

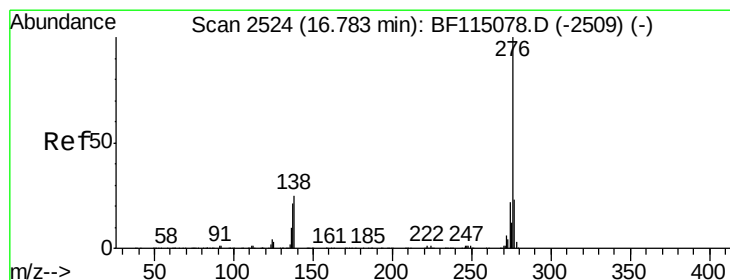
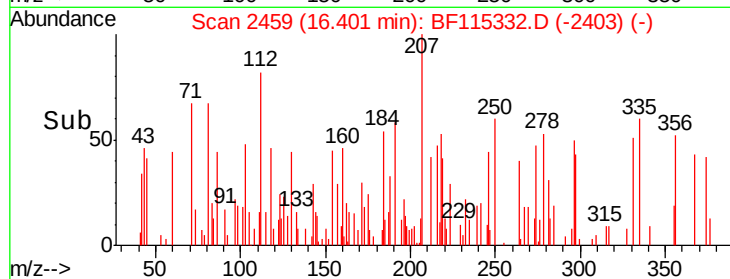
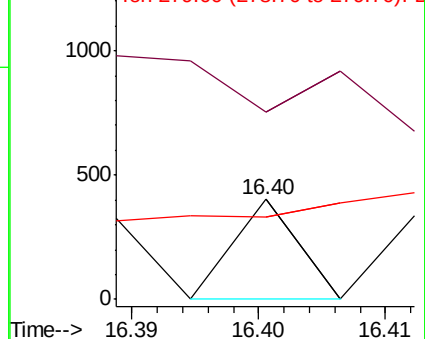
279 82.1 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 16.77 min Scan# 2522

Delta R.T. 0.04 min

Lab File: BF115332.D

Acq: 1 Jul 2019 12:02

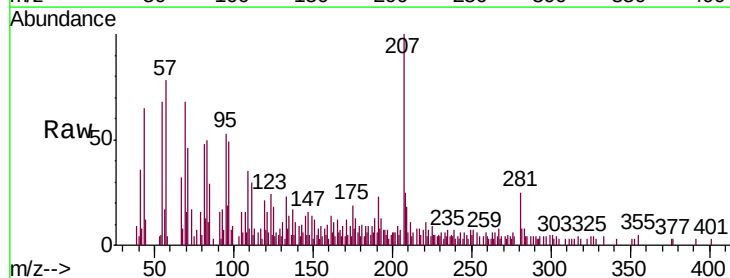
Tgt Ion: 276 Resp: 864

Ion Ratio Lower Upper

276 100

277 70.3 18.6 28.0#

138 79.8 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

