

Data File : BF115331.D
Acq On : 1 Jul 2019 11:31
Operator : HP/JU
Sample : PB121019BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Quant Time: Jul 02 08:15:33 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	251519	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	962827	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	466173	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	923136	20.00	ng	0.01
76) Chrysene-d12	13.72	240	752850	20.00	ng	0.00
87) Perylene-d12	15.10	264	806889	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1634949	100.31	ng	0.02
7) Phenol-d6	6.25	99	2032820	102.76	ng	0.01
23) Nitrobenzene-d5	7.17	82	1241569	79.32	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	560888	114.10	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2274130	82.86	ng	0.00
79) Terphenyl-d14	12.70	244	2528874	71.42	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.97	88	131	0.017	ng	# 24
3) Pyridine	3.17	79	112	0.005	ng	# 26
6) Aniline	6.37	93	2121	0.078	ng	# 1
8) 2-Chlorophenol	6.38	128	493	0.027	ng	# 1
9) Benzaldehyde	6.25	77	2995	0.232	ng	# 1
10) Phenol	6.25	94	130	0.006	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2121	0.124	ng	# 1
15) Benzyl Alcohol	6.76	79	20366	1.414	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.16	45	141	0.006	ng	# 1
19) n-Nitroso-di-n-propylamine	7.17	70	164747	13.008	ng	# 76
22) Acetophenone	6.76	105	393	0.018	ng	# 1
24) Nitrobenzene	7.17	77	3653	0.212	ng	# 35
25) Isophorone	7.17	82	1227013	38.268	ng	# 63
38) 1-Methylnaphthalene	8.96	142	937	0.031	ng	# 65
46) 1,1'-Biphenyl	9.06	154	4440	0.119	ng	# 98
48) 2-Nitroaniline	8.97	65	3443	0.390	ng	# 1
50) Dimethylphthalate	9.63	163	129783	3.784	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	59008	7.452	ng	# 28
52) Acenaphthene	9.63	154	1711	0.058	ng	# 5
57) 2,4-Dinitrotoluene	9.63	165	59008	5.771	ng	# 30
58) Fluorene	10.41	166	25741	Below Cal		# 85
63) Azobenzene	10.41	77	2546	0.079	ng	# 13
65) 4,6-Dinitro-2-methylphenol	10.42	198	1215	5.182	ng	# 1
66) n-Nitrosodiphenylamine	10.41	169	15994	0.556	ng	# 43
67) 4-Bromophenyl-phenylether	10.42	248	35843	3.581	ng	# 1
71) Phenanthrene	11.11	178	666	0.013	ng	# 1
72) Anthracene	11.11	178	666	0.013	ng	# 1
74) Di-n-butylphthalate	11.68	149	767	0.015	ng	# 77
75) Fluoranthene	12.31	202	460	0.009	ng	# 61
77) Benzidine	12.44	184	994	0.030	ng	# 66
78) Pyrene	12.54	202	587	0.010	ng	# 56
80) Butylbenzylphthalate	13.18	149	126	0.005	ng	# 24
81) Benzo(a)anthracene	13.72	228	3290	0.061	ng	# 72
82) 3,3'-Dichlorobenzidine	13.69	252	126	0.006	ng	# 26

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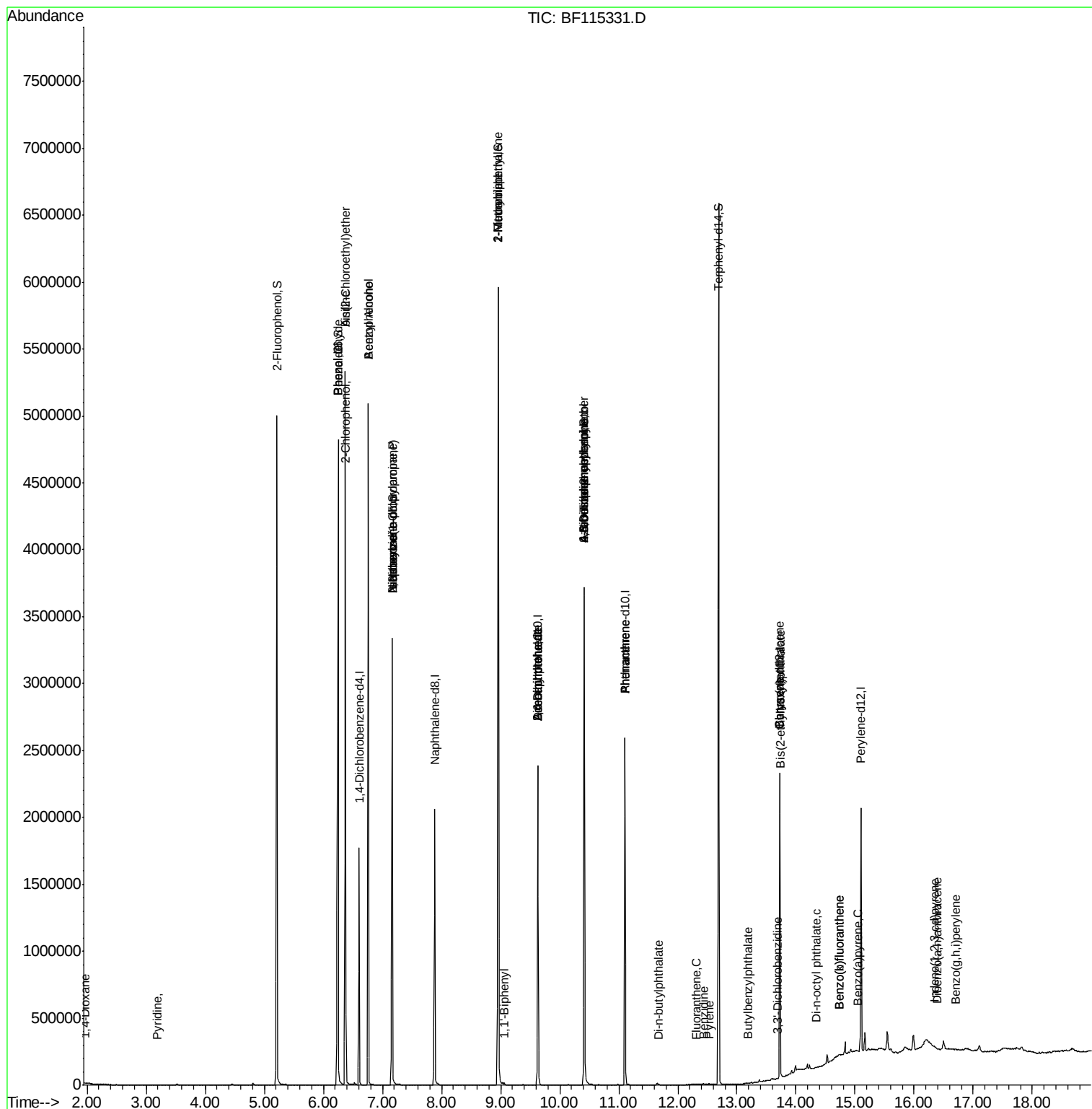
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	13.72	228	3290	0.066	ng	# 69
84) Bis(2-ethylhexyl)phthalate	13.74	149	612	0.018	ng	# 57
85) Di-n-octyl phthalate	14.35	149	535	0.010	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.35	276	544	0.009	ng	# 65
88) Benzo(b)fluoranthene	14.73	252	1646	0.033	ng	# 1
89) Benzo(k)fluoranthene	14.73	252	1646	0.036	ng	# 1
90) Benzo(a)pyrene	15.04	252	539	0.012	ng	# 1
91) Dibenzo(a,h)anthracene	16.39	278	476	0.011	ng	# 1
92) Benzo(g,h,i)perylene	16.70	276	418	0.010	ng	# 1

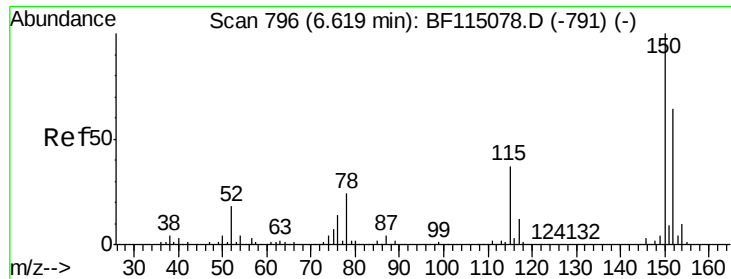
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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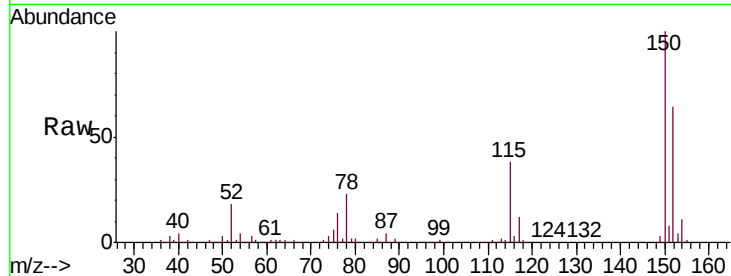


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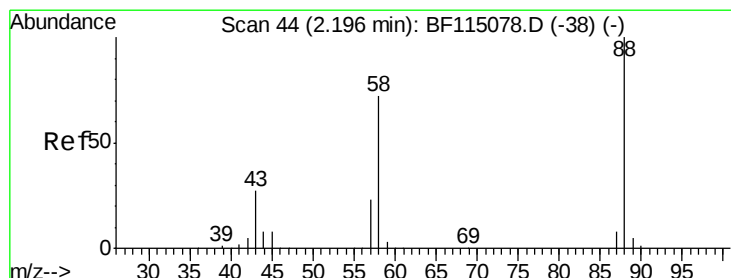
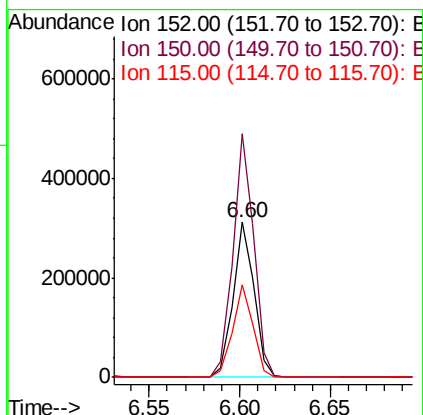
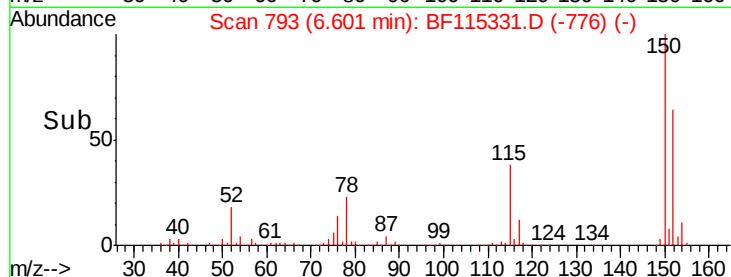
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115331.D
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Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 152 Resp: 251519
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 59.6 46.1 69.1



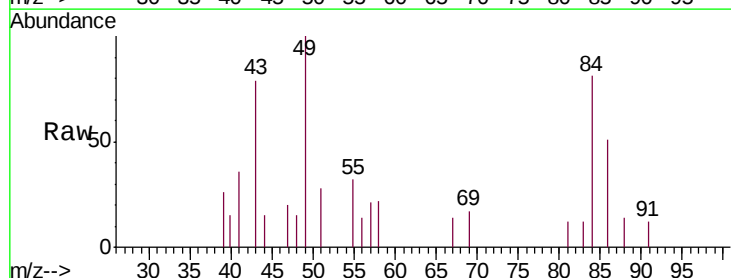
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



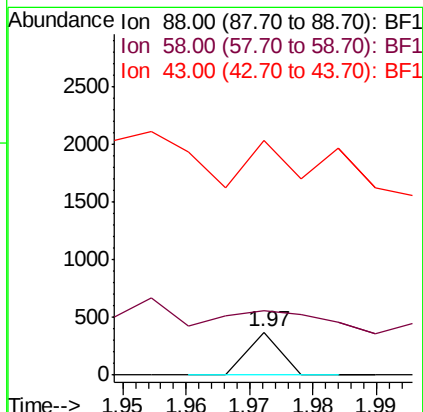
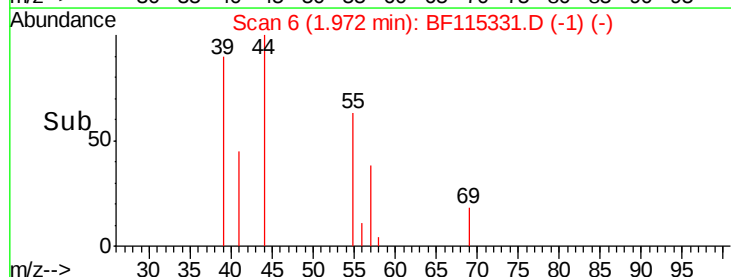
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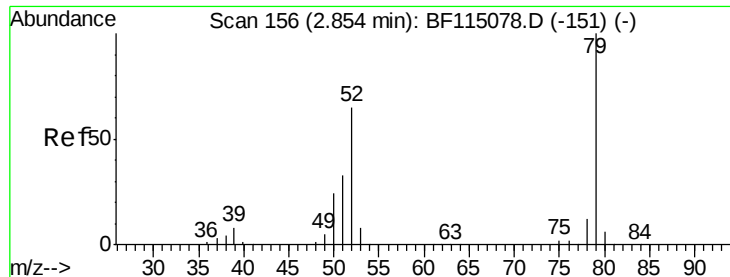
1,4-Dioxane
Concen: 0.017 ng
RT: 1.97 min Scan# 6
Delta R.T. -0.18 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 88 Resp: 131
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

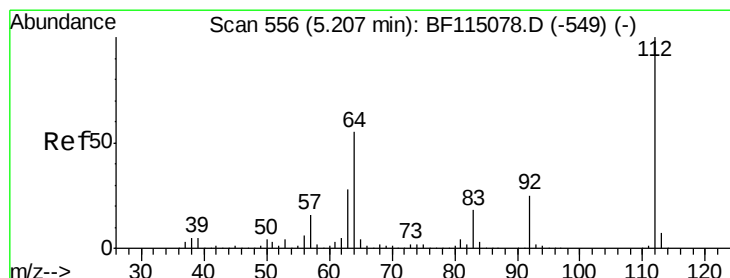
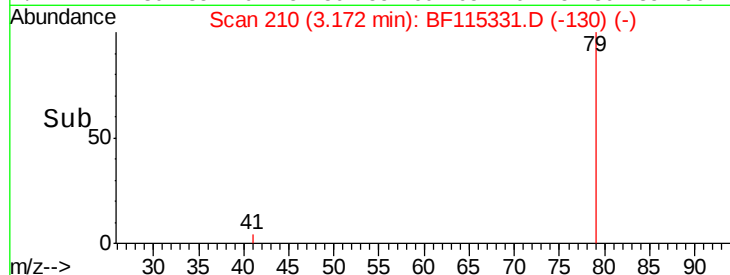
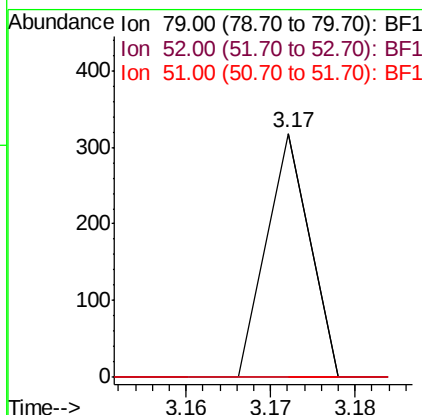
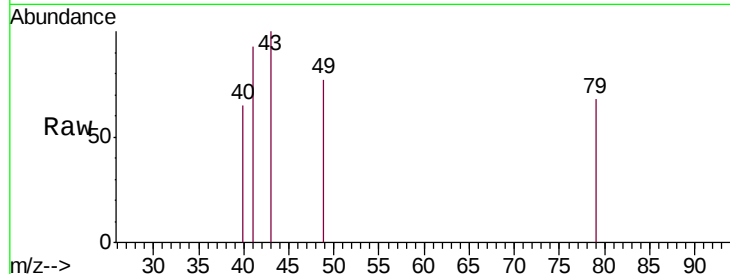




#3
 Pyridine
 Concen: 0.005 ng
 RT: 3.17 min Scan# 210
 Delta R.T. 0.37 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

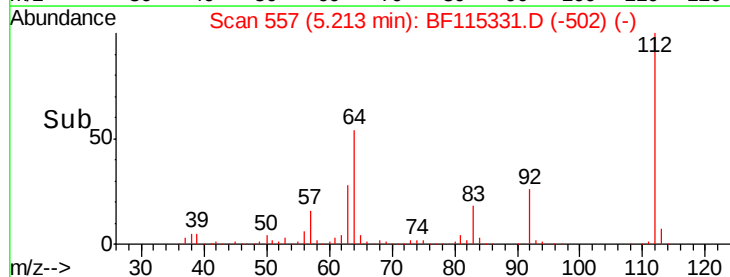
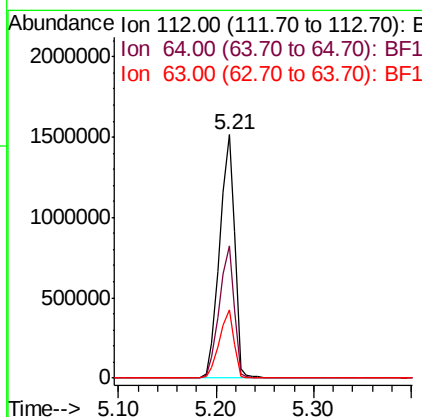
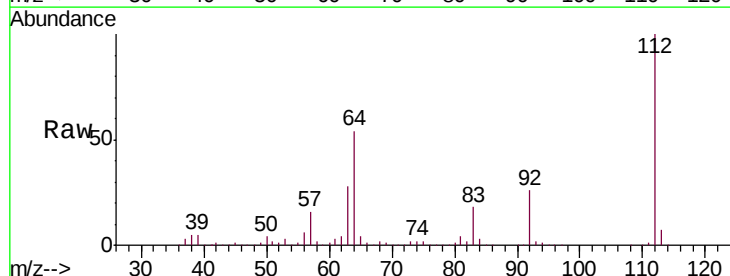
Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

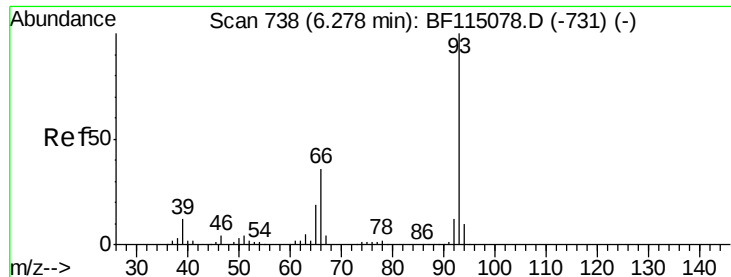
Tgt Ion: 79 Resp: 112
 Ion Ratio Lower Upper
 79 100
 52 0.0 52.3 78.5#
 51 0.0 26.1 39.1#



#5
 2-Fluorophenol
 Concen: 100.311 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Tgt Ion: 112 Resp: 1634949
 Ion Ratio Lower Upper
 112 100
 64 54.4 43.8 65.6
 63 28.3 22.2 33.4





#6

Aniline

Concen: 0.078 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.11 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

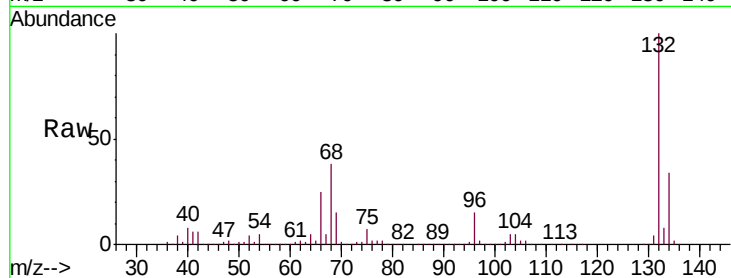
Tgt Ion: 93 Resp: 2121

Ion Ratio Lower Upper

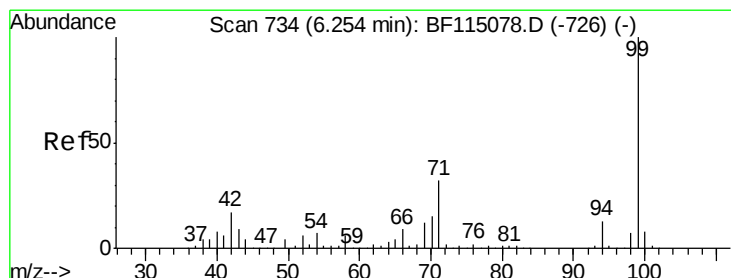
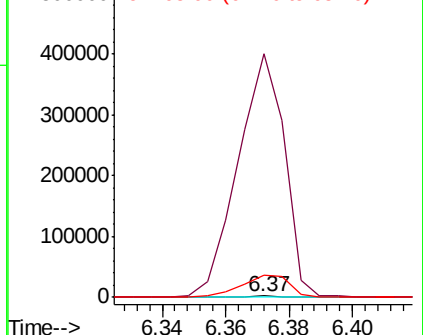
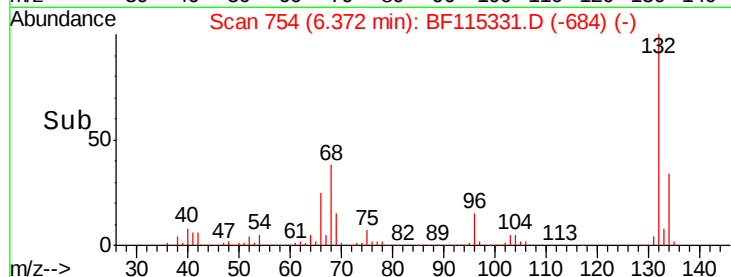
93 100

66 19410.9 30.0 45.0#

65 1755.4 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: 102.757 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

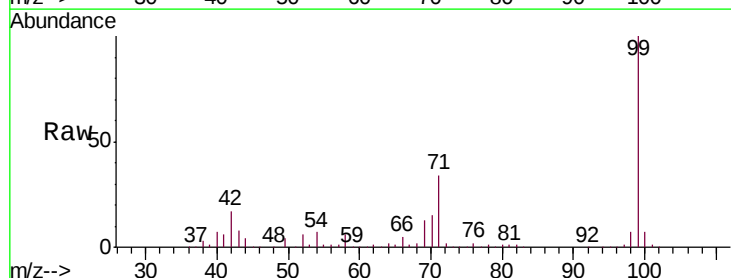
Tgt Ion: 99 Resp: 2032820

Ion Ratio Lower Upper

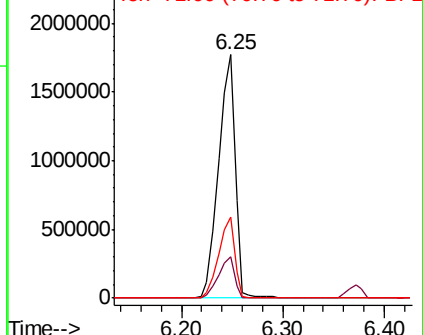
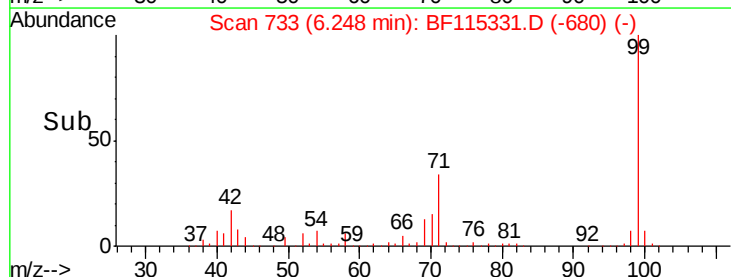
99 100

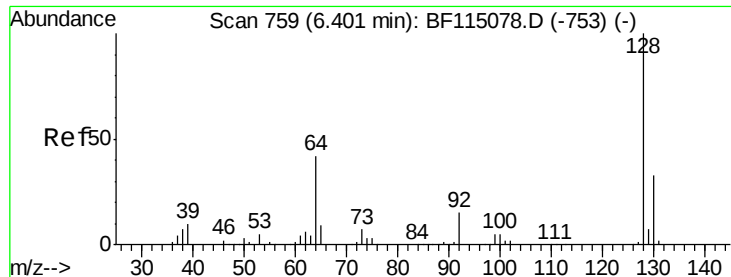
42 16.9 13.6 20.4

71 33.5 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

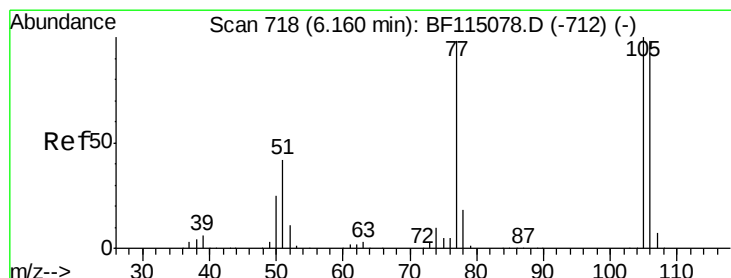
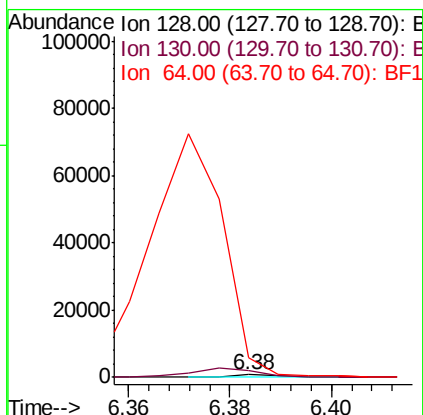
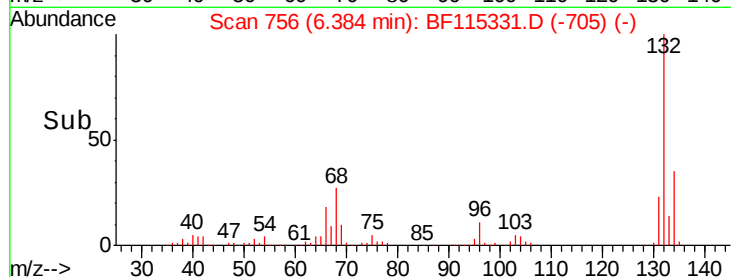
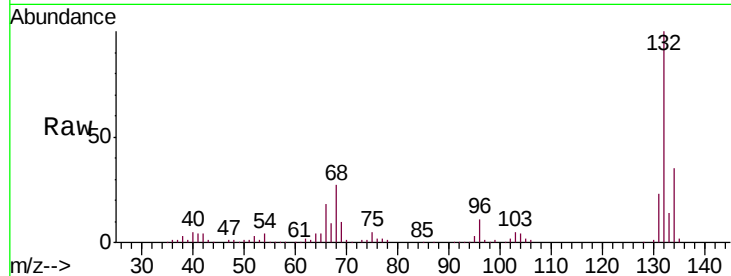




#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.38 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF115331.D
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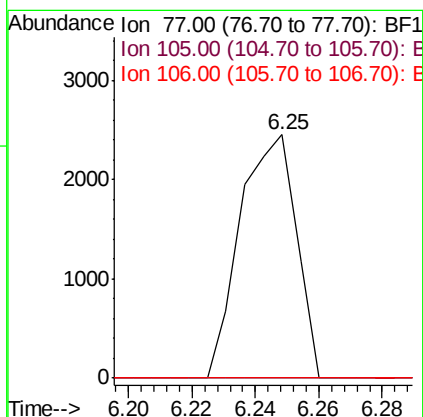
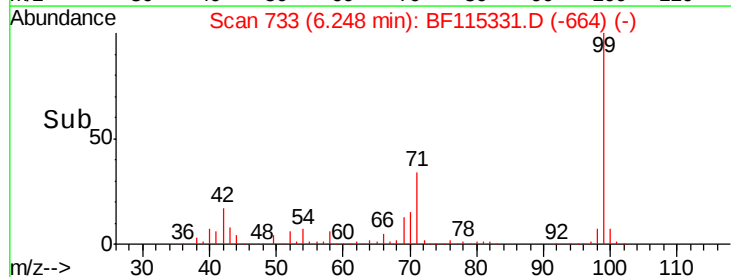
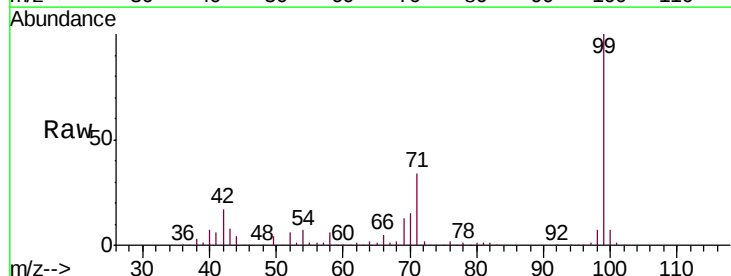
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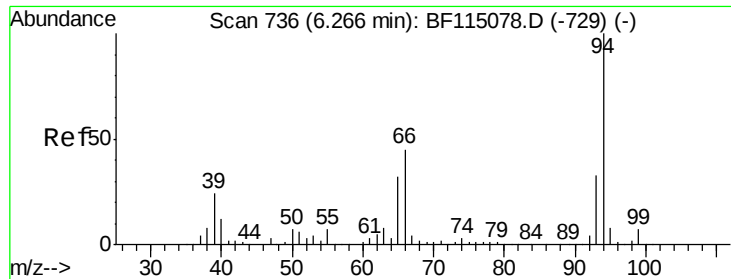
Tgt Ion:128 Resp: 493
Ion Ratio Lower Upper
128 100
130 277.0 12.9 52.9#
64 828.4 22.9 62.9#



#9
Benzaldehyde
Concen: 0.232 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.11 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 77 Resp: 2995
Ion Ratio Lower Upper
77 100
105 0.0 81.5 121.5#
106 0.0 79.7 119.7#

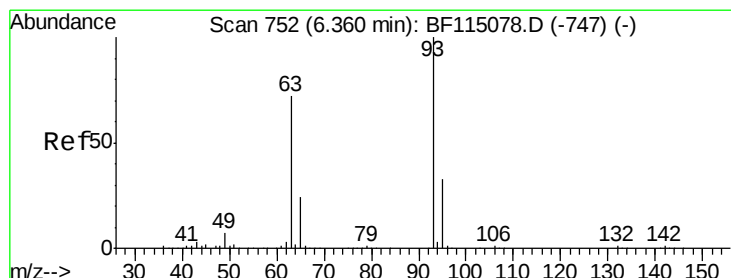
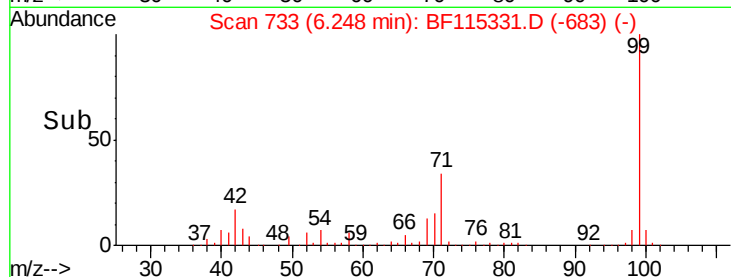
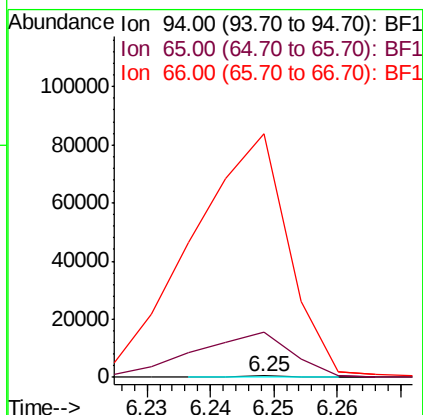
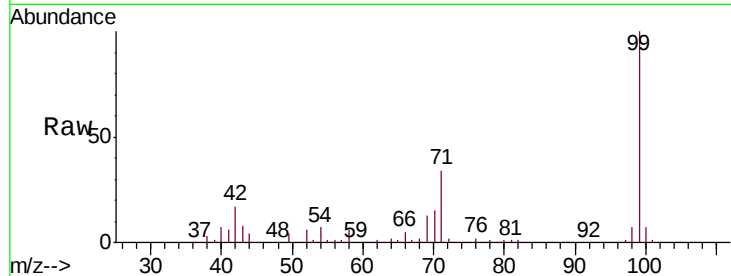




#10
Phenol
Concen: 0.006 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

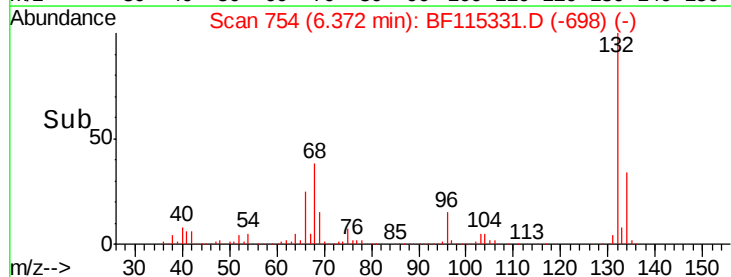
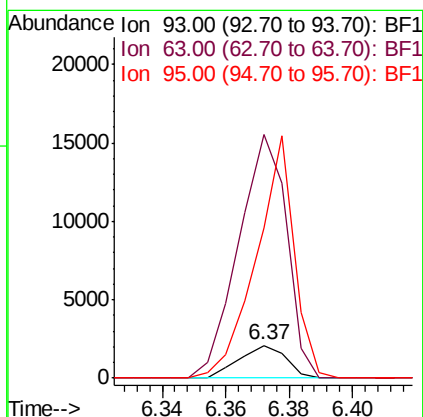
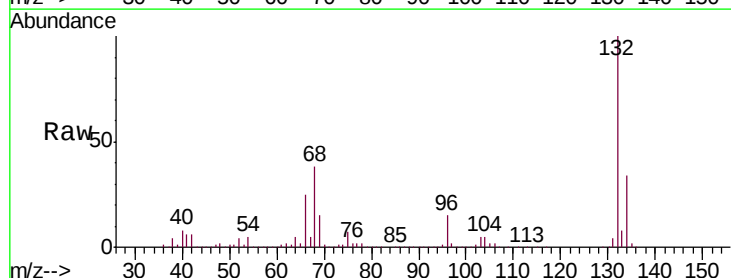
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ClientSampled :
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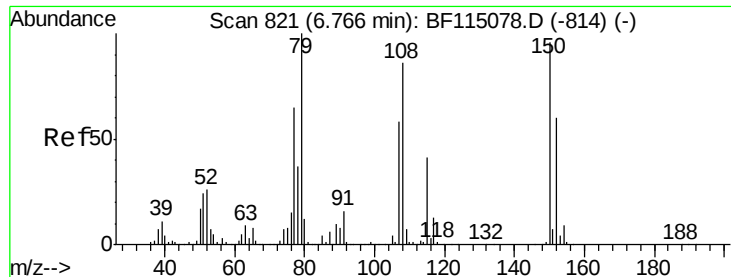
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
65 4191.3 11.9 51.9#
66 22825.1 25.2 65.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.124 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 93 Resp: 2121
Ion Ratio Lower Upper
93 100
63 752.1 51.5 91.5#
95 463.3 13.4 53.4#





#15

Benzyl Alcohol

Concen: 1.414 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115331.D

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Instrument :

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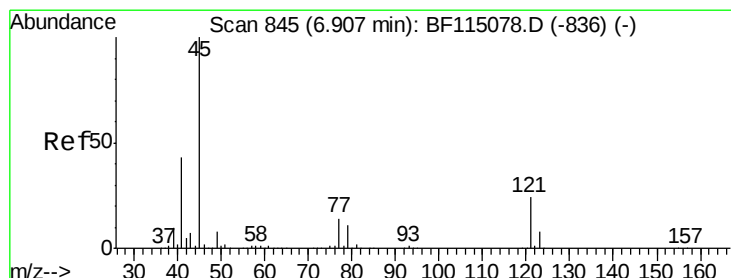
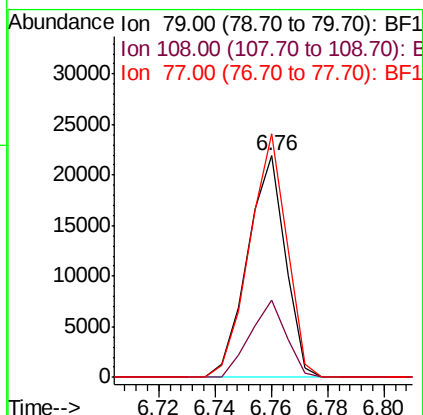
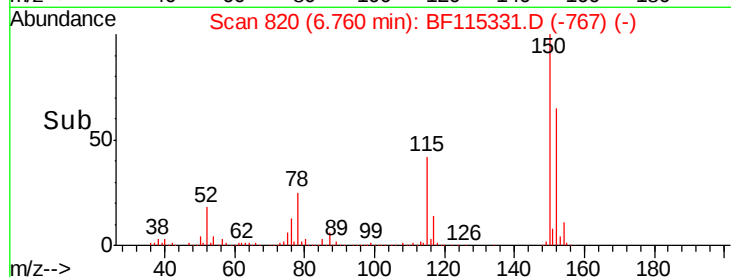
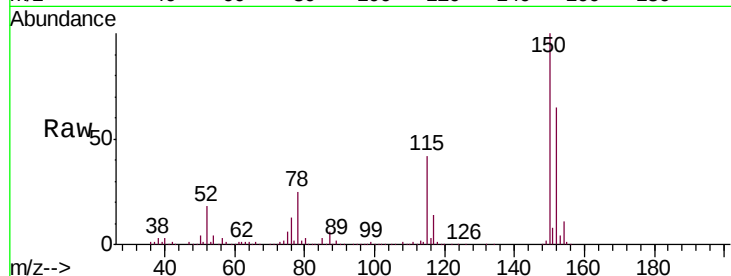
Tgt Ion: 79 Resp: 20366

Ion Ratio Lower Upper

79 100

108 34.6 68.7 103.1#

77 109.8 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.27 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

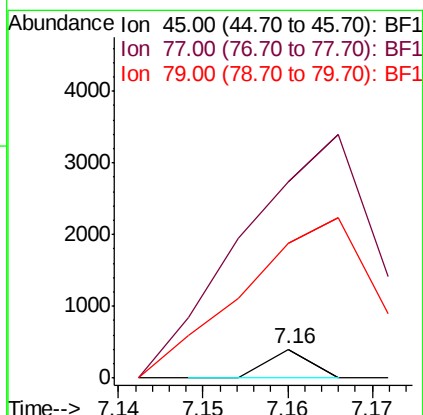
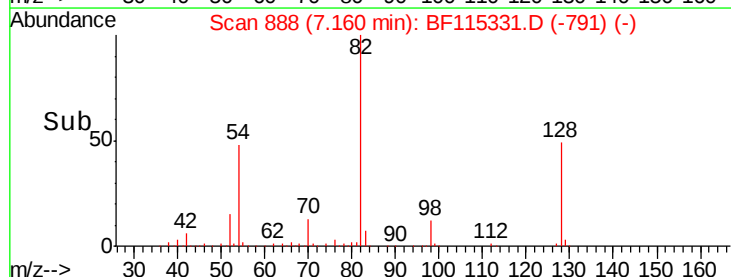
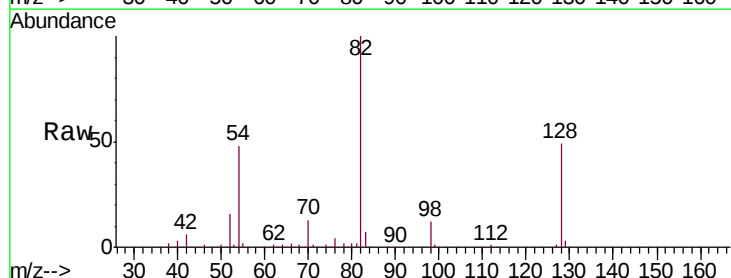
Tgt Ion: 45 Resp: 141

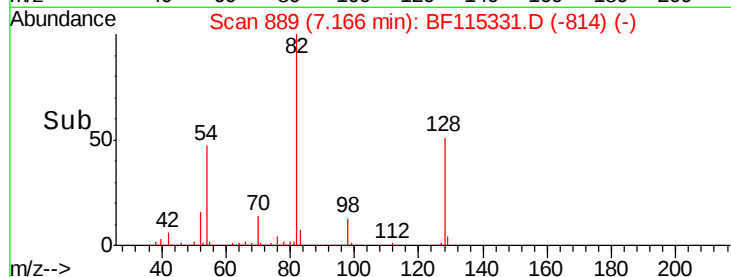
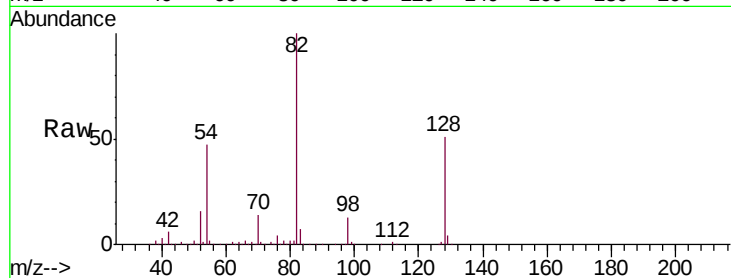
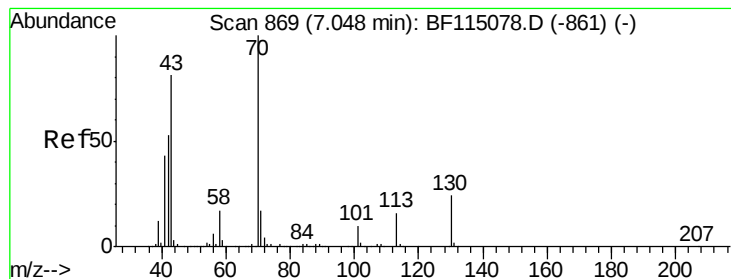
Ion Ratio Lower Upper

45 100

77 683.0 0.0 34.6#

79 466.8 0.0 31.2#





#19

n-Nitroso-di-n-propylamine

Concen: 13.008 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

Tgt Ion: 70 Resp: 164747

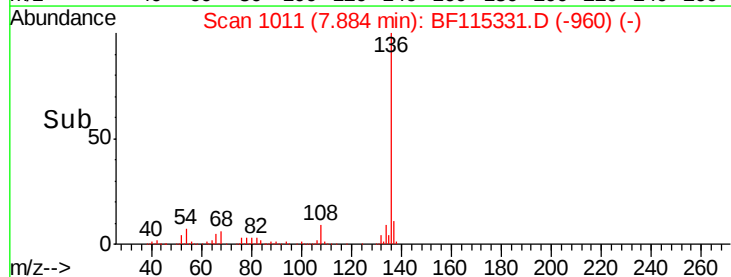
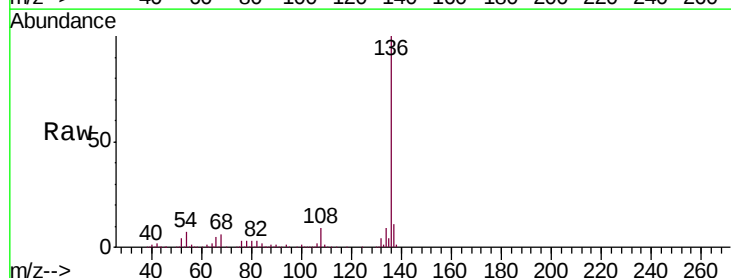
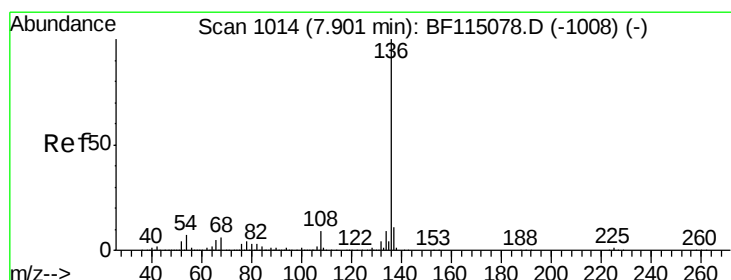
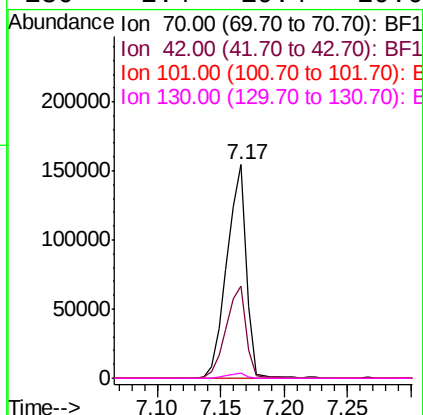
Ion Ratio Lower Upper

70 100

42 43.1 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Tgt Ion: 136 Resp: 962827

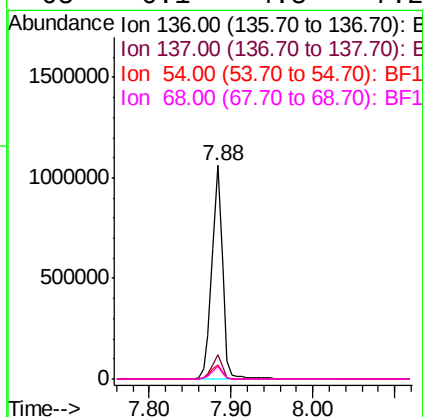
Ion Ratio Lower Upper

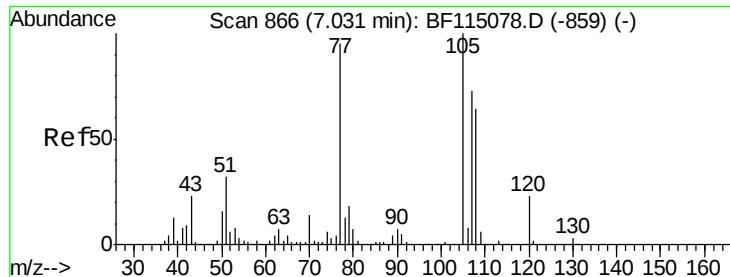
136 100

137 11.1 8.9 13.3

54 6.8 5.6 8.4

68 6.1 4.8 7.2





#22

Acetophenone

Concen: 0.018 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.25 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

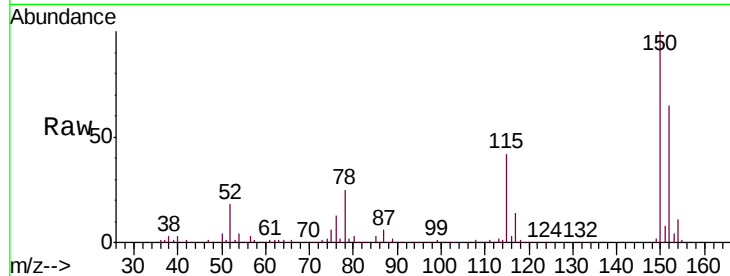
ClientSampleId :

PB121019BL

Tgt Ion:105 Resp: 393

Ion Ratio Lower Upper

105	100		
71	452.3	1.9	2.9#
51	1591.4	25.8	38.8#
120	211.8	18.5	27.7#

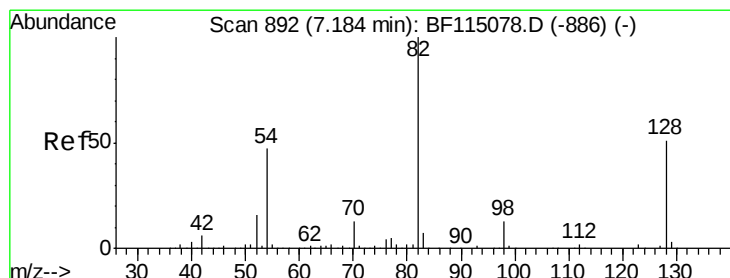
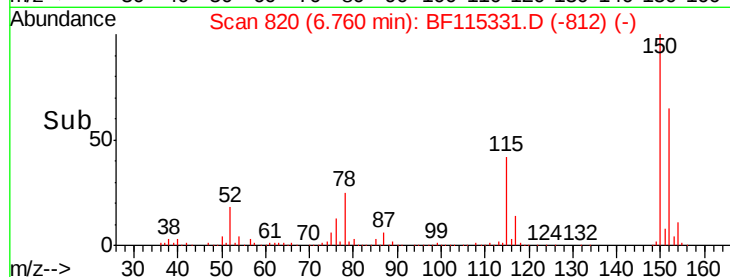
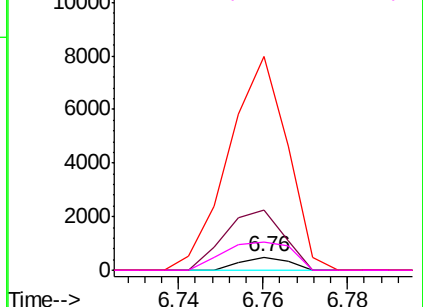


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.324 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

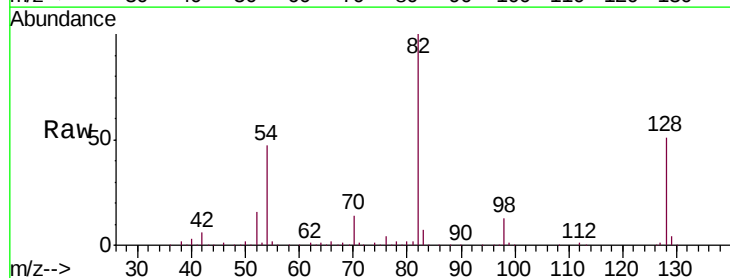
Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Tgt Ion: 82 Resp: 1241569

Ion Ratio Lower Upper

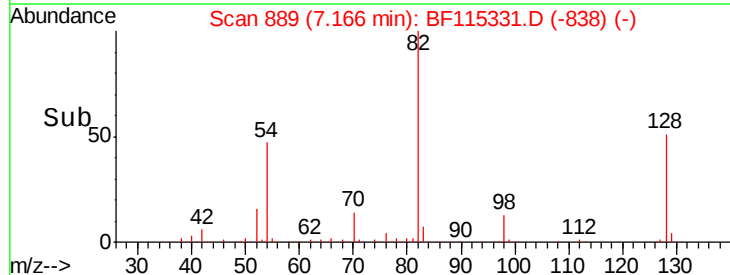
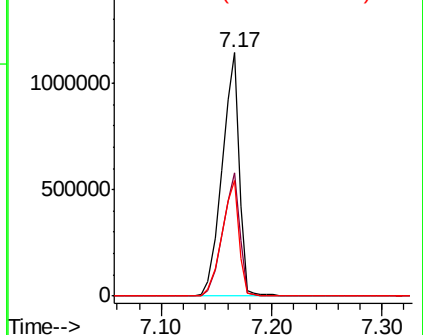
82	100		
128	50.9	40.4	60.6
54	47.4	37.5	56.3

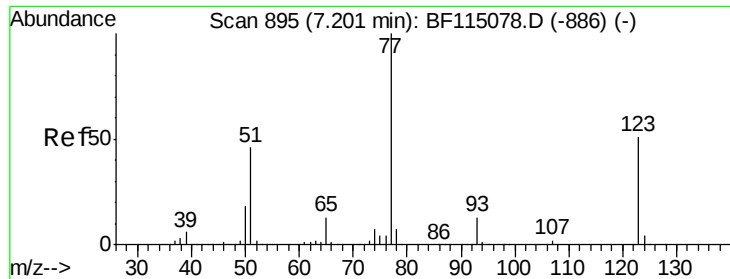


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.212 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

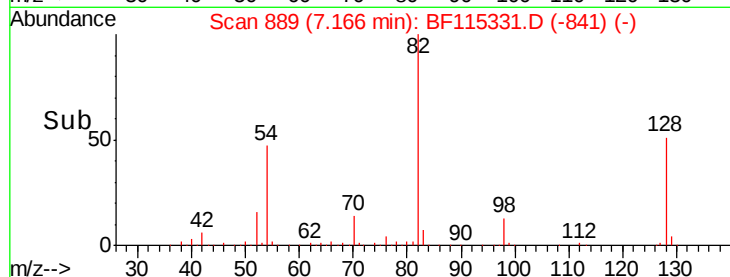
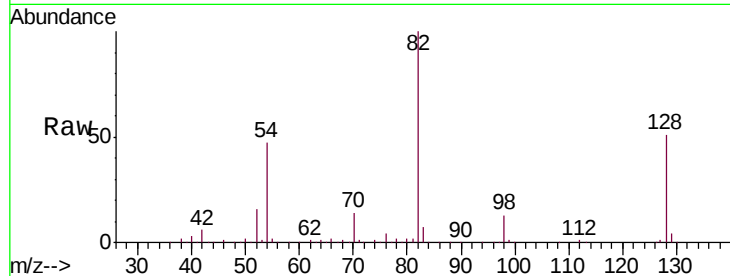
Tgt Ion: 77 Resp: 3653

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

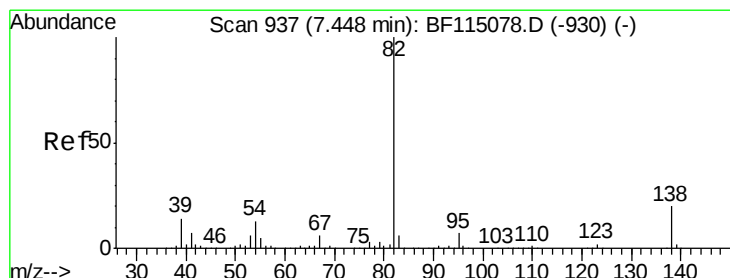
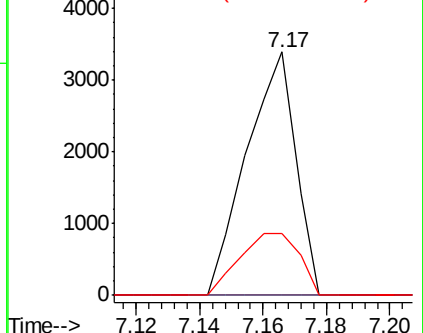
65 25.6 10.5 15.7#



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: 38.268 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

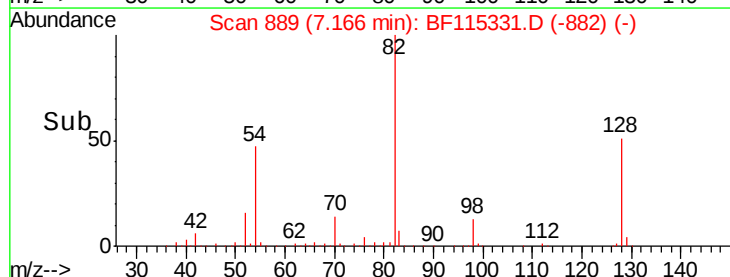
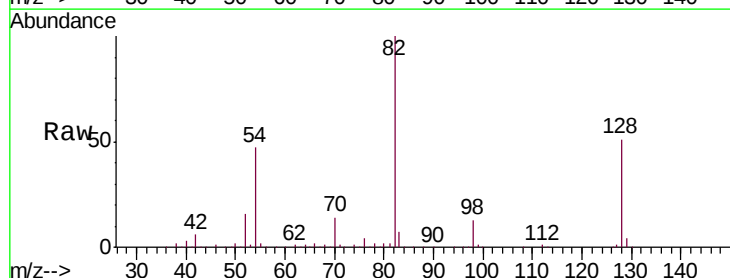
Tgt Ion: 82 Resp: 1227013

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

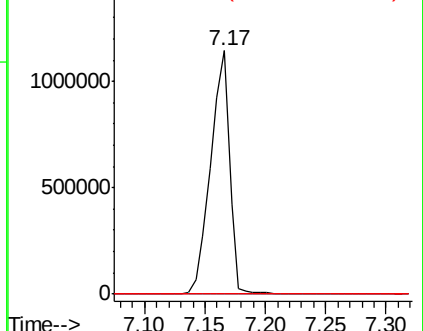
138 0.0 15.9 23.9#

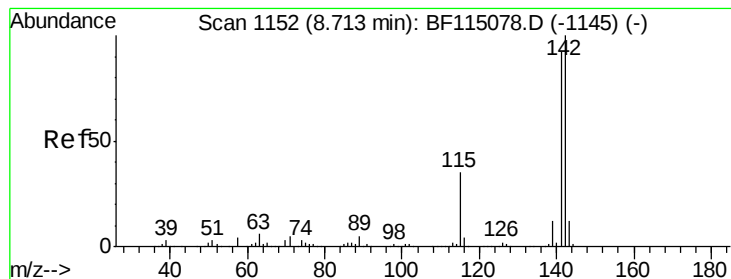


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

1-Methylnaphthalene

Concen: 0.031 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.27 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

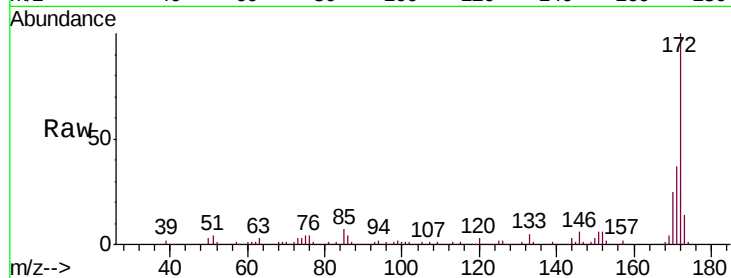
Tgt Ion:142 Resp: 937

Ion Ratio Lower Upper

142 100

141 88.9 73.8 110.8

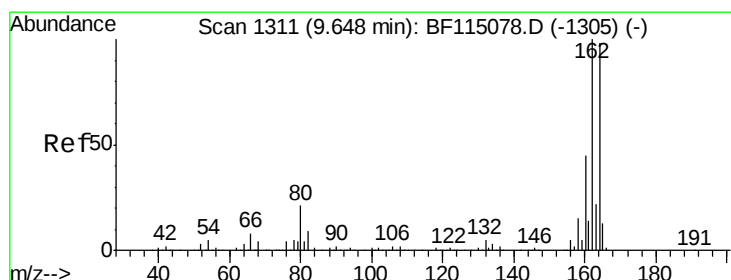
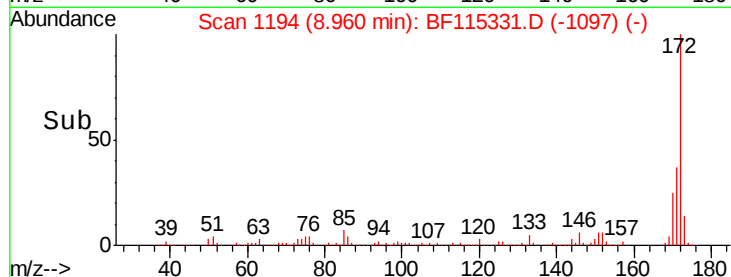
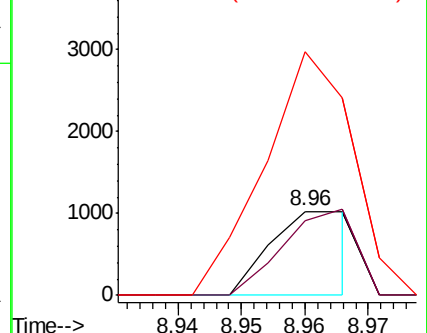
116 289.5 2.8 4.2#



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: BF115331.D

Acq: 1 Jul 2019 11:31

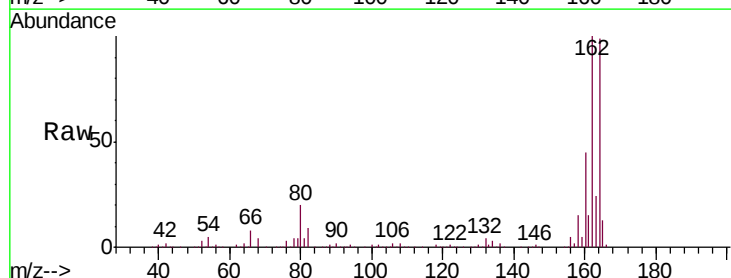
Tgt Ion:164 Resp: 466173

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

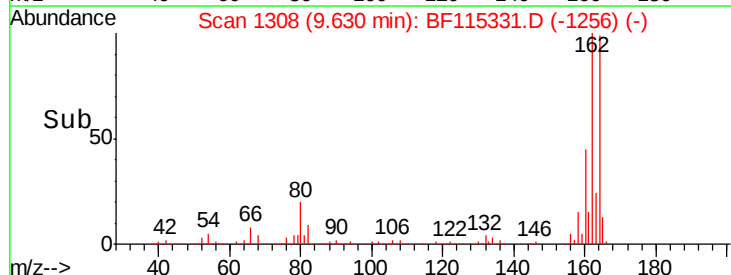
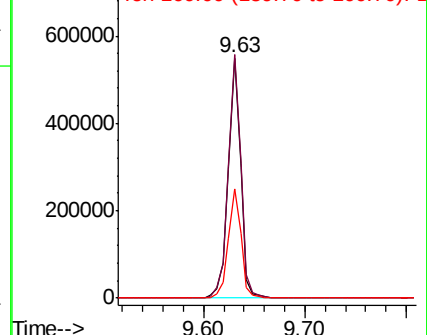
160 45.8 37.0 55.4

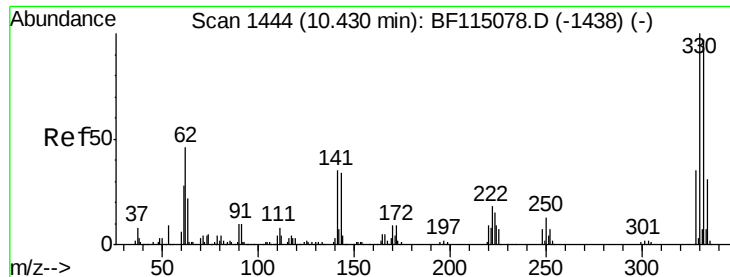


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

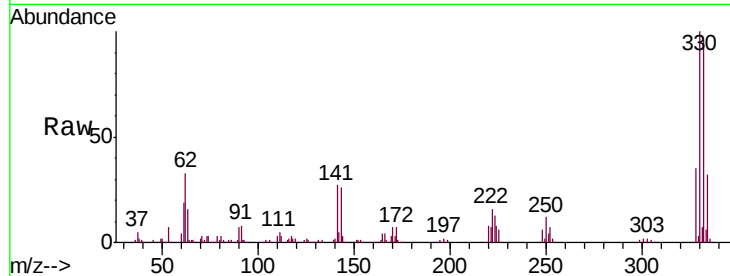




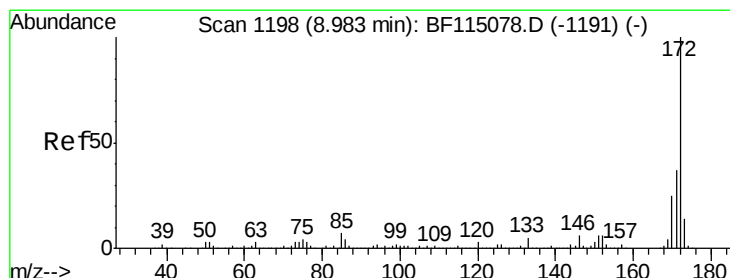
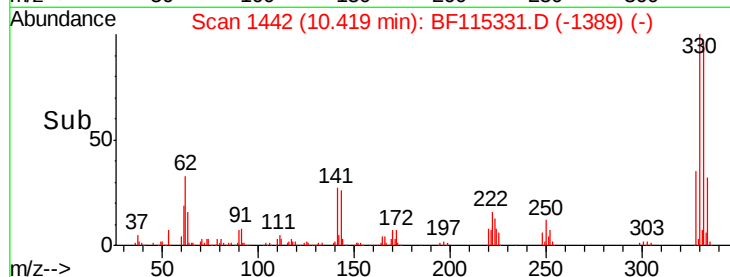
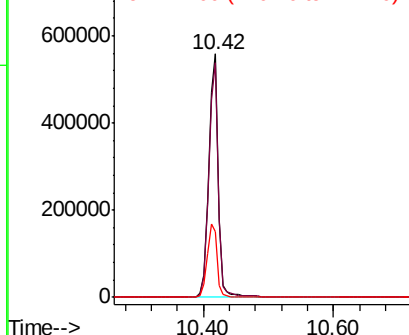
#42
 2,4,6-Tribromophenol
 Concen: 114.095 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

Tgt Ion:330 Resp: 560888
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 32.1 28.2 42.2

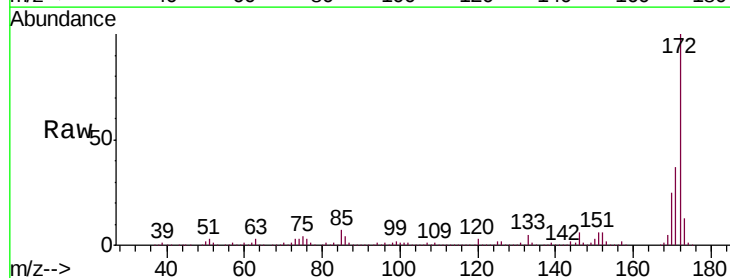


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

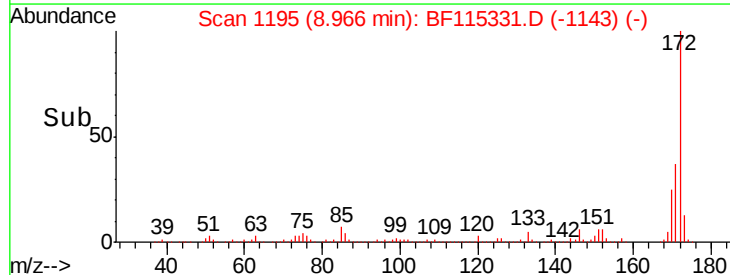
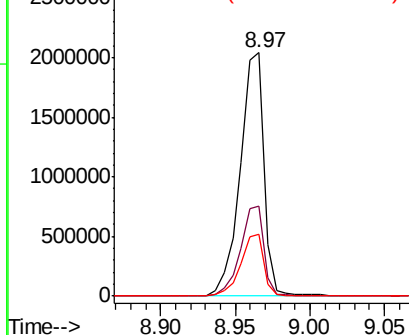


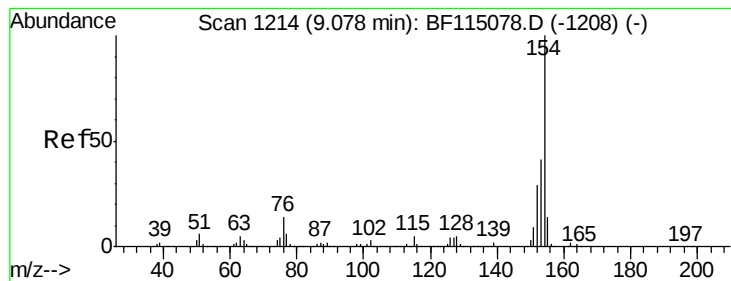
#45
 2-Fluorobiphenyl
 Concen: 82.864 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Tgt Ion:172 Resp: 2274130
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.4 20.3 30.5



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

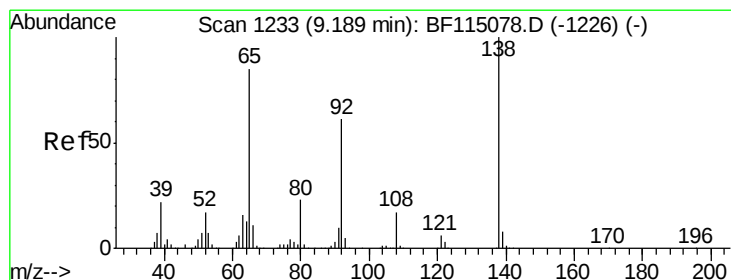
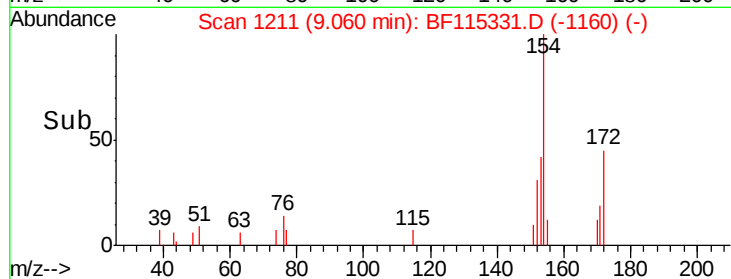
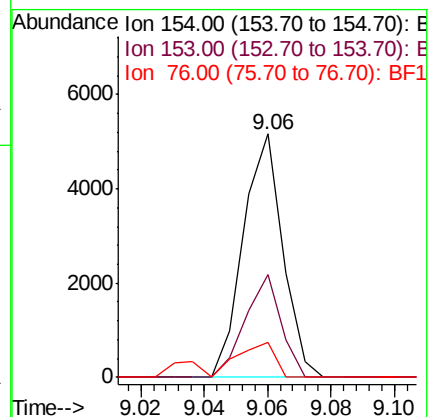
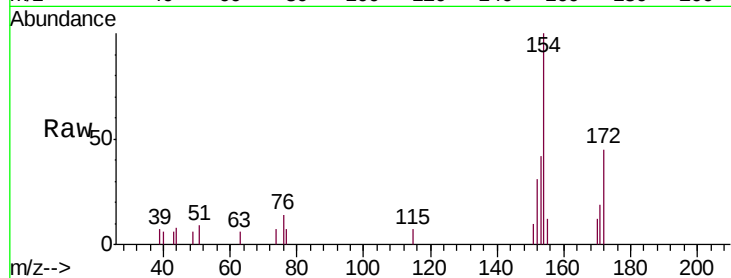




#46
 1,1'-Biphenyl
 Concen: 0.119 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

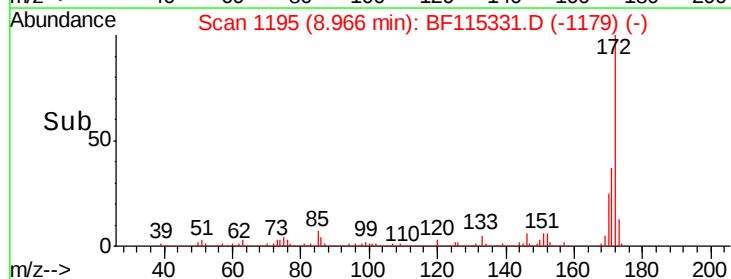
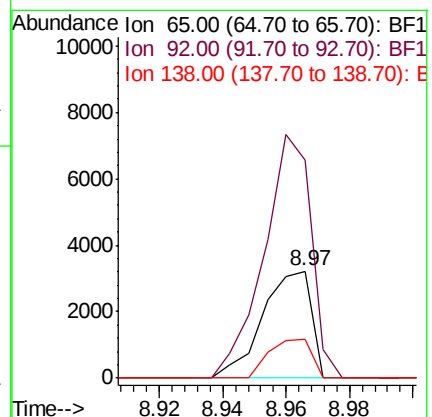
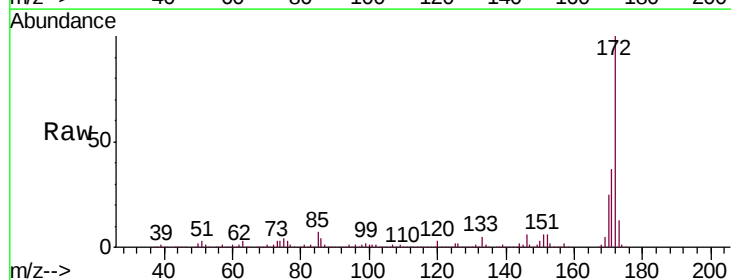
Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

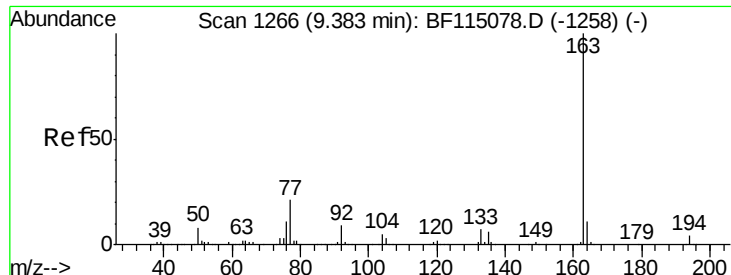
Tgt Ion: 154 Resp: 4440
 Ion Ratio Lower Upper
 154 100
 153 42.2 20.9 60.9
 76 14.5 0.0 34.1



#48
 2-Nitroaniline
 Concen: 0.390 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.21 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Tgt Ion: 65 Resp: 3443
 Ion Ratio Lower Upper
 65 100
 92 204.1 57.4 86.2#
 138 36.5 94.1 141.1#

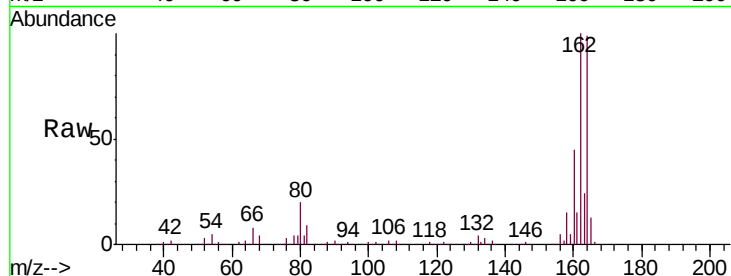




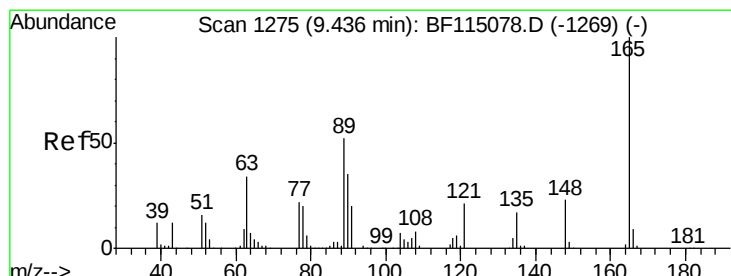
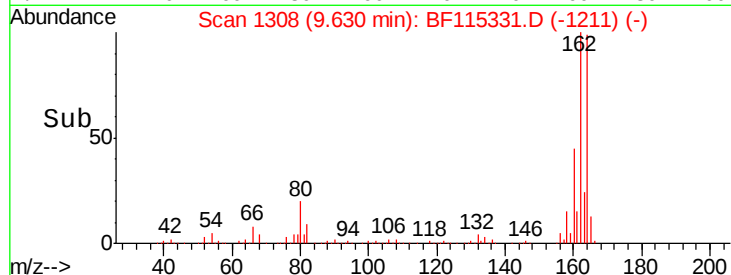
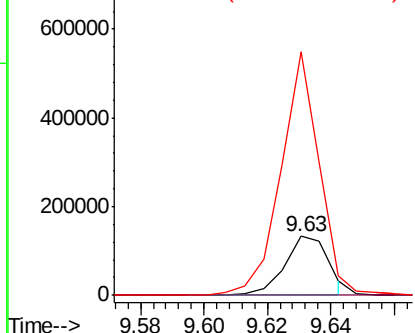
#50
Dimethylphthalate
Concen: 3.784 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.27 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:163 Resp: 129783
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 412.3 8.6 13.0#

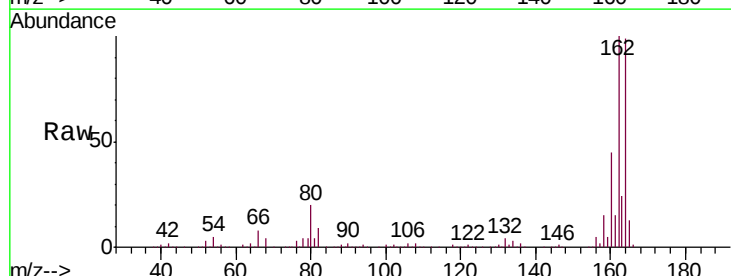


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

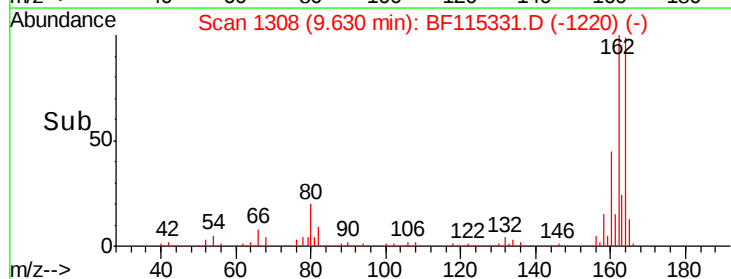
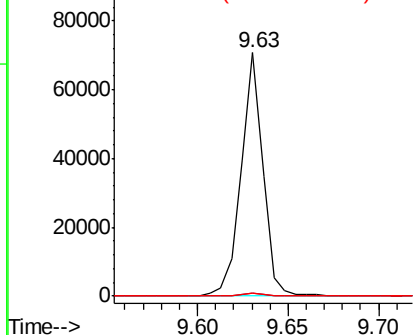


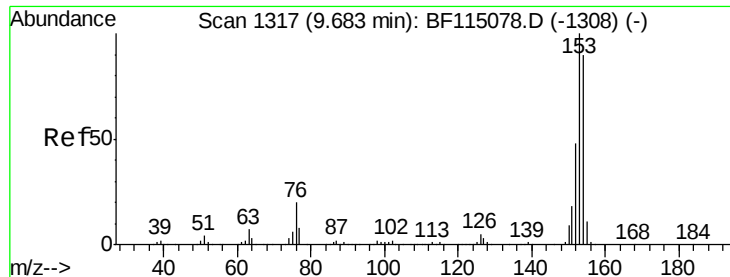
#51
2,6-Dinitrotoluene
Concen: 7.452 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.22 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:165 Resp: 59008
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.2#
89 1.3 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: 0.058 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

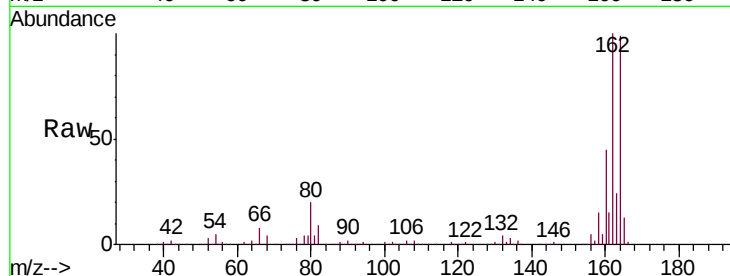
Tgt Ion:154 Resp: 1711

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

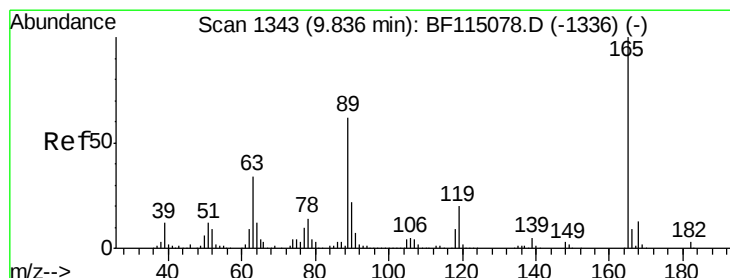
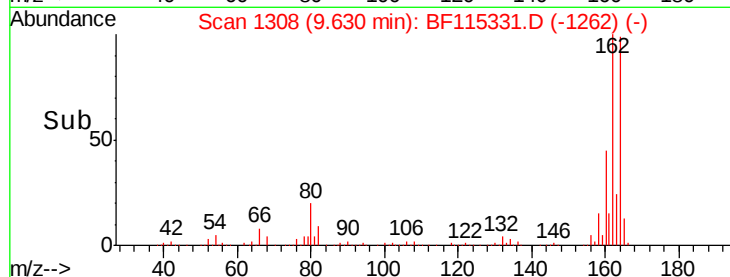
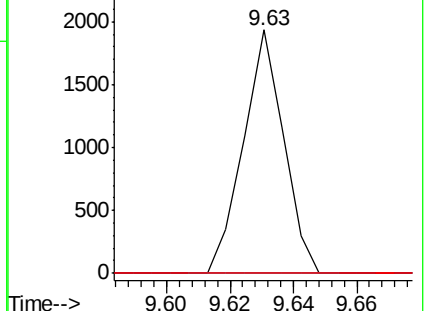
152 0.0 42.6 64.0#



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: 5.771 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Tgt Ion:165 Resp: 59008

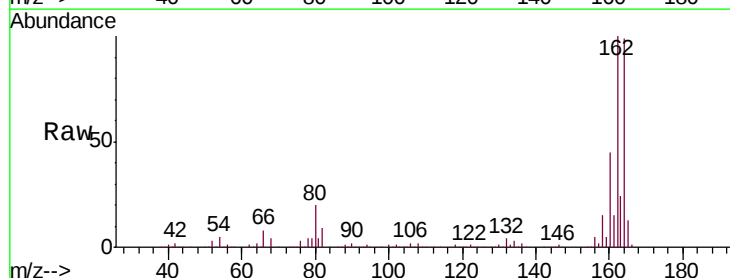
Ion Ratio Lower Upper

165 100

63 1.1 27.5 41.3#

89 1.3 49.9 74.9#

182 0.0 2.1 3.1#

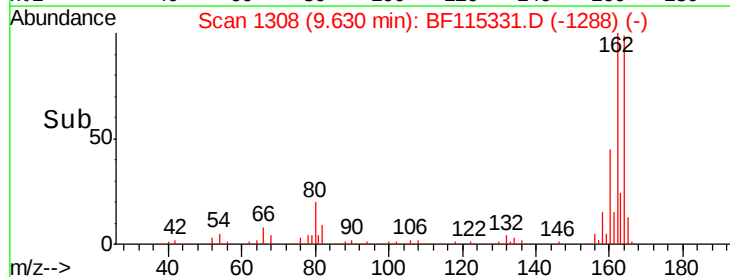
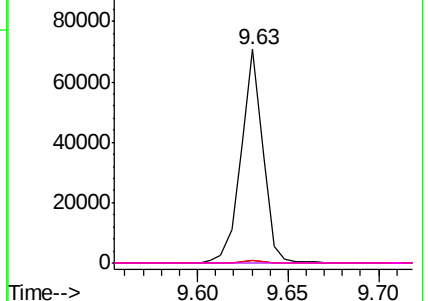


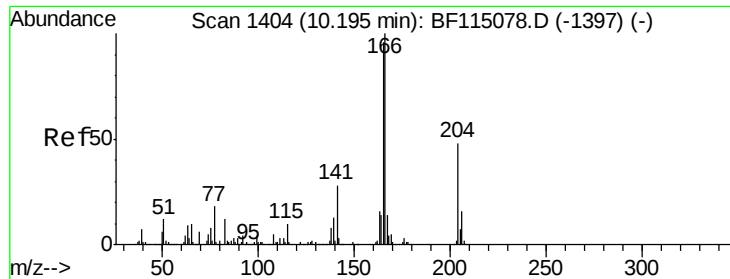
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

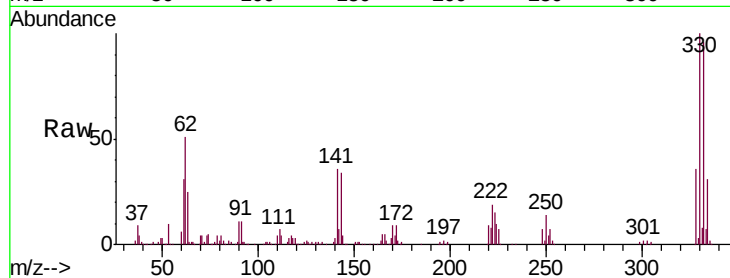
Tgt Ion: 166 Resp: 25741

Ion Ratio Lower Upper

166 100

165 105.4 76.5 114.7

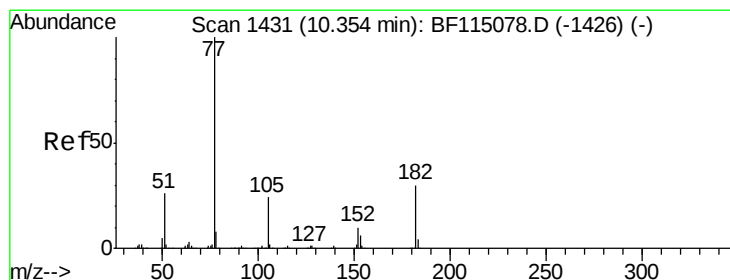
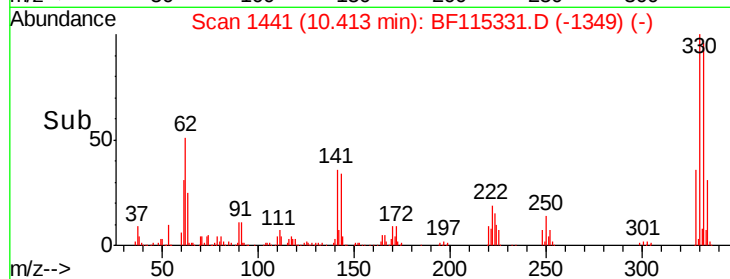
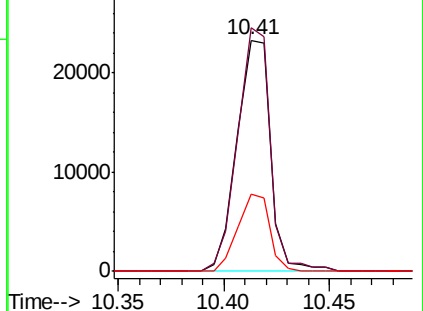
167 33.4 11.0 16.4#



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



#63

Azobenzene

Concen: 0.079 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.09 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Tgt Ion: 77 Resp: 2546

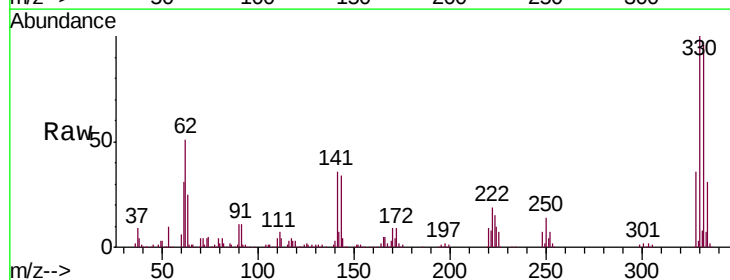
Ion Ratio Lower Upper

77 100

182 0.0 10.1 50.1#

105 91.1 4.5 44.5#

51 66.8 6.4 46.4#

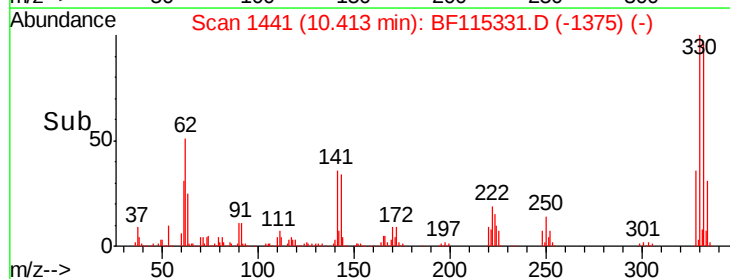
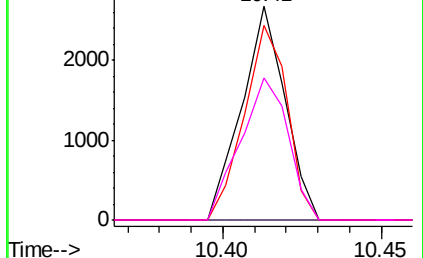


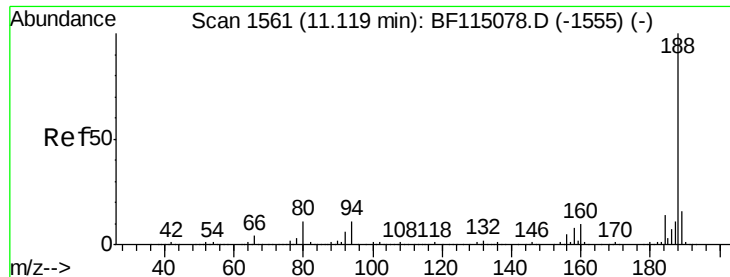
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

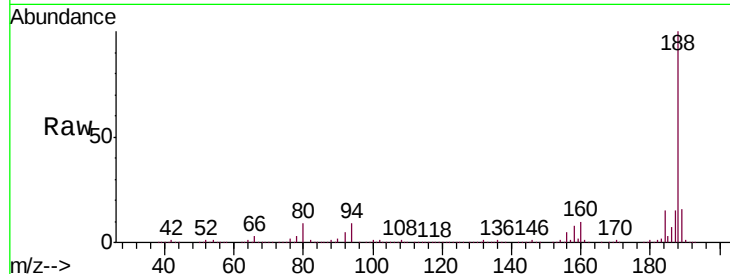




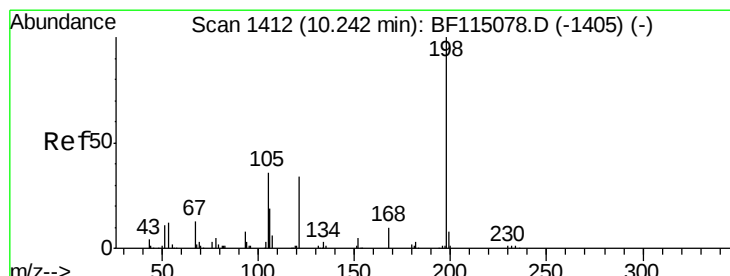
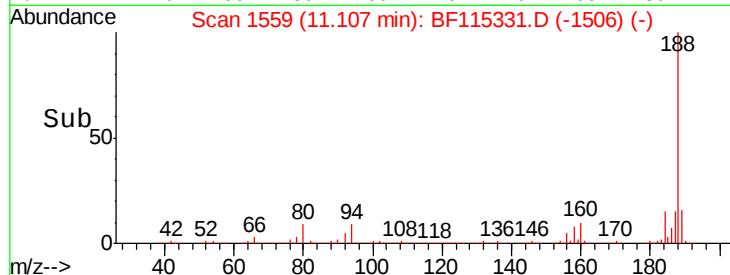
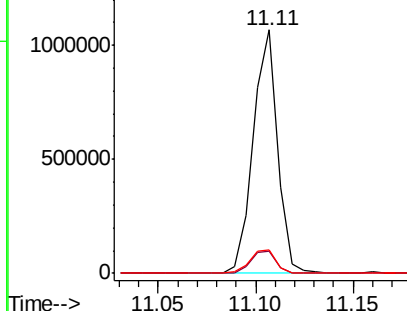
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

Tgt Ion:	188	Resp:	923136
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	12.8
80	9.4	8.8	13.2

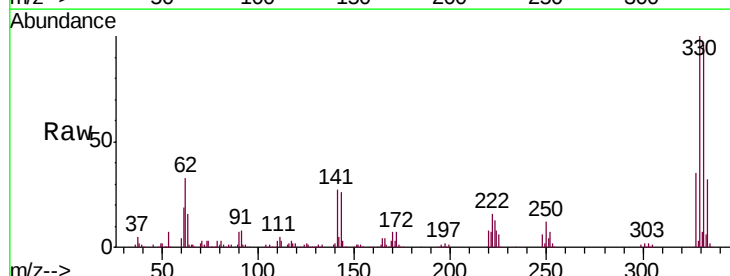


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

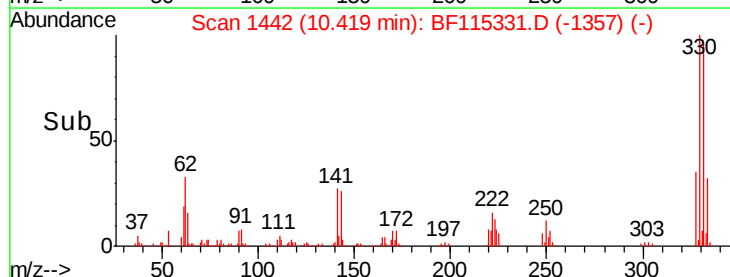
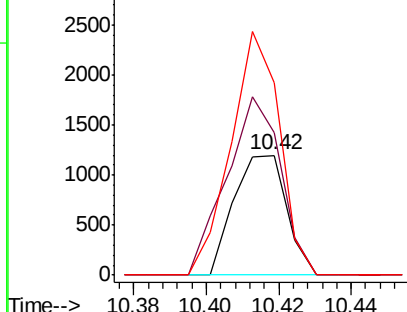


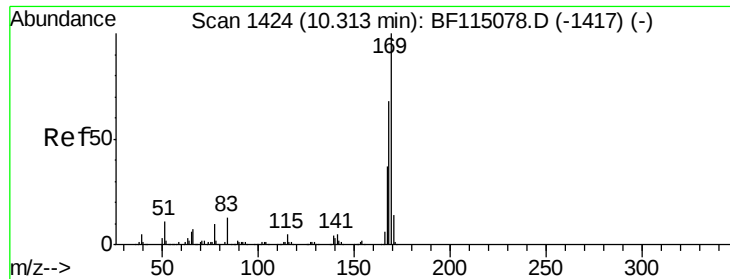
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.182 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.20 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Tgt Ion:	198	Resp:	1215
Ion	Ratio	Lower	Upper
198	100		
51	119.2	11.0	51.0#
105	160.2	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

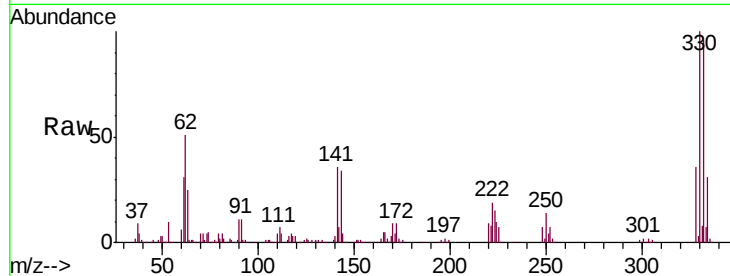




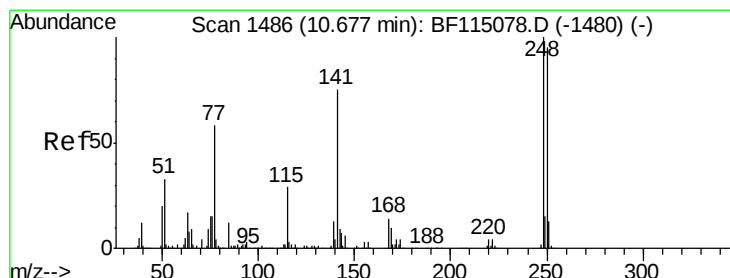
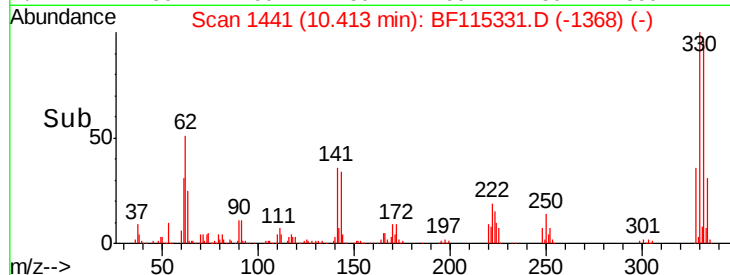
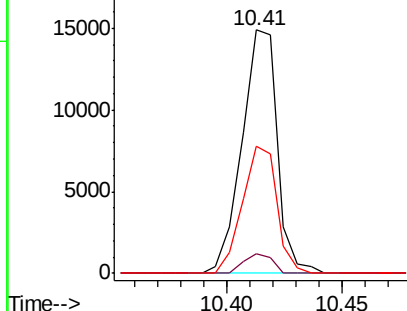
#66
 n-Nitrosodiphenylamine
 Concen: 0.556 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.13 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

Tgt Ion:169 Resp: 15994
 Ion Ratio Lower Upper
 169 100
 168 8.2 54.2 81.4#
 167 52.2 29.4 44.0#

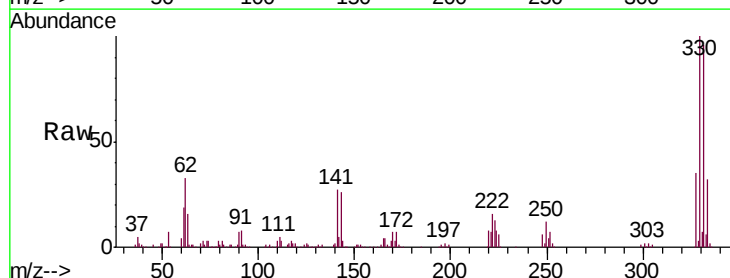


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

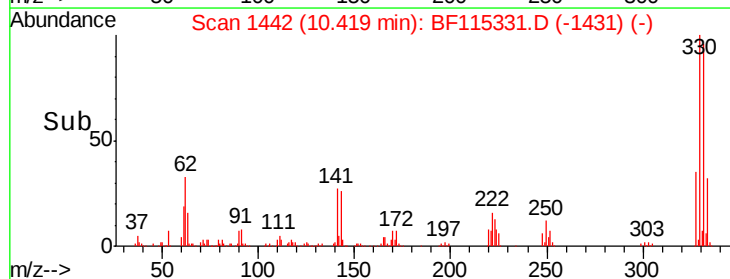
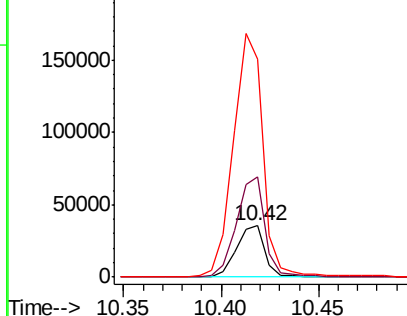


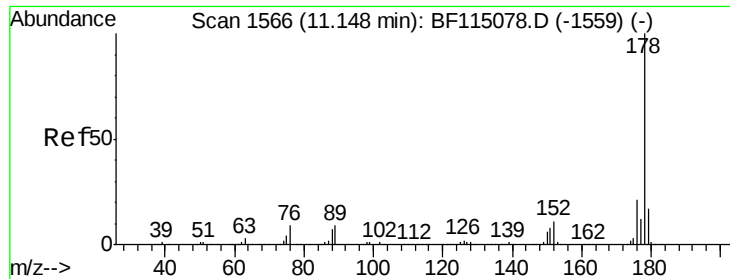
#67
 4-Bromophenyl-phenylether
 Concen: 3.581 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Tgt Ion:248 Resp: 35843
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.2 114.2#
 141 428.3 59.6 89.4#



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

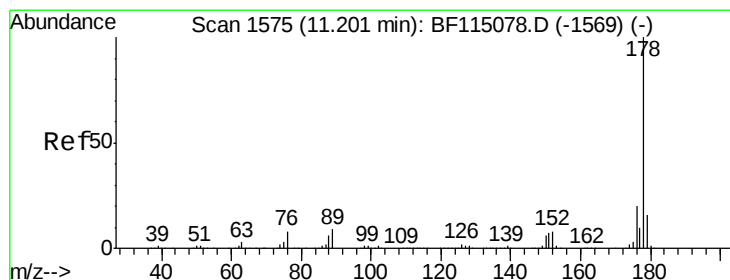
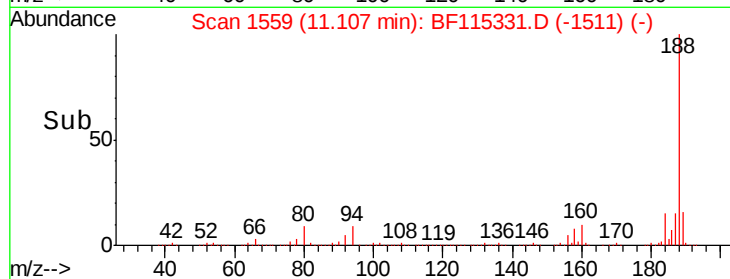
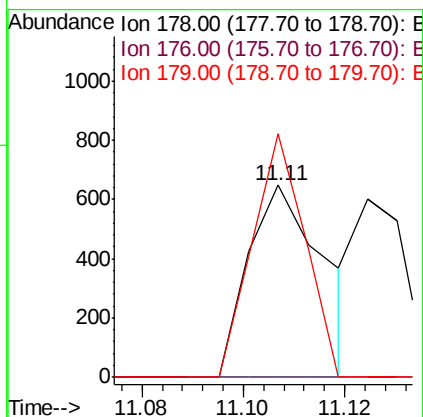
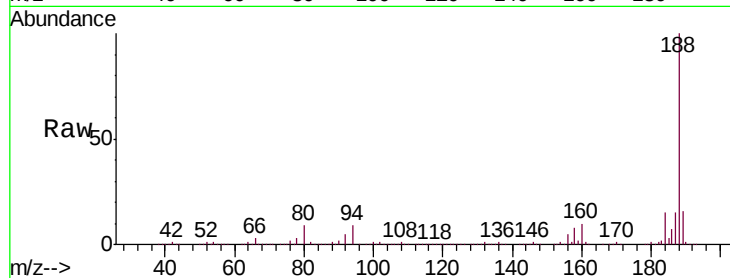




#71
Phenanthrene
Concen: 0.013 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

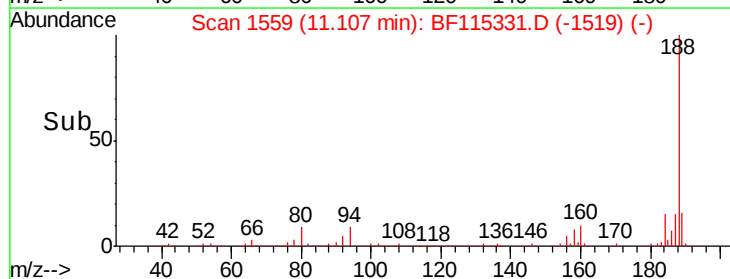
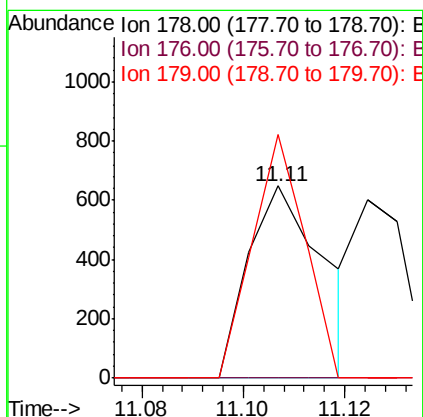
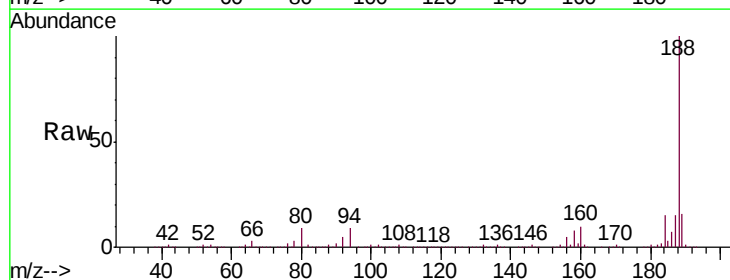
Instrument :
BNA_F
ClientSampleId :
PB121019BL

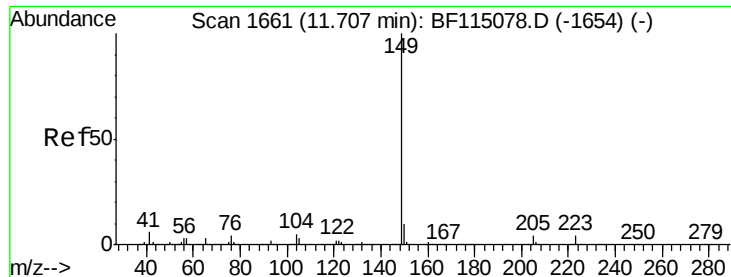
Tgt Ion:178 Resp: 666
Ion Ratio Lower Upper
178 100
176 0.0 16.9 25.3#
179 126.7 13.2 19.8#



#72
Anthracene
Concen: 0.013 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.06 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:178 Resp: 666
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 126.7 12.9 19.3#





#74

Di-n-butylphthalate

Concen: 0.015 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

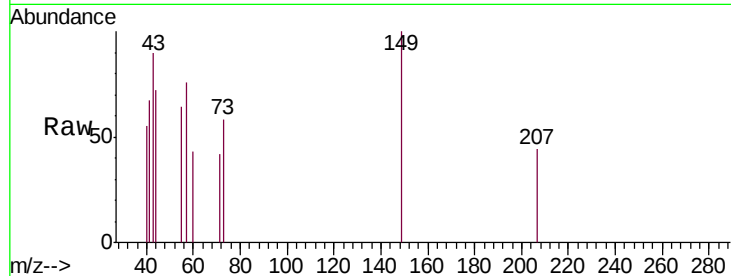
Tgt Ion:149 Resp: 767

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

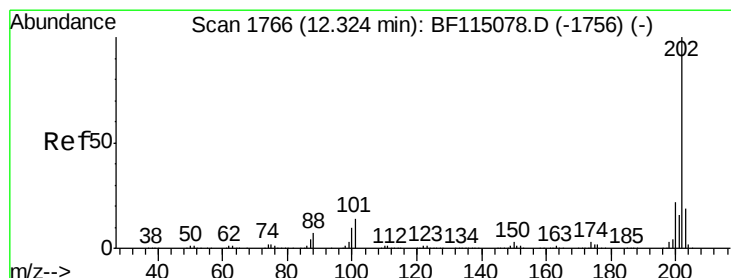
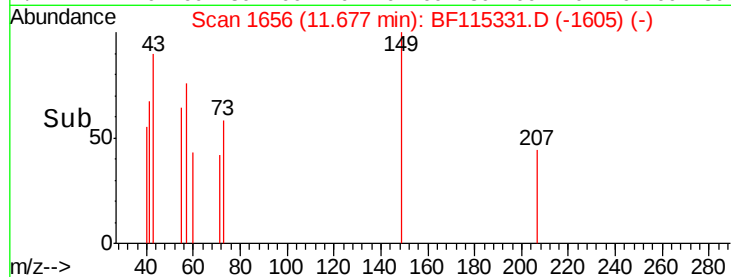
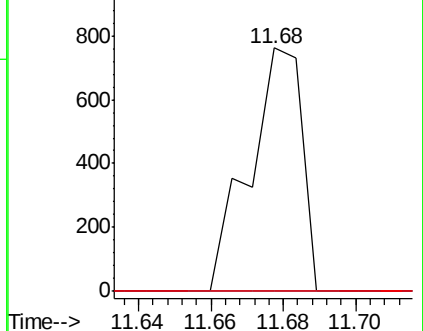
104 0.0 3.7 5.5#



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



#75

Fluoranthene

Concen: 0.009 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

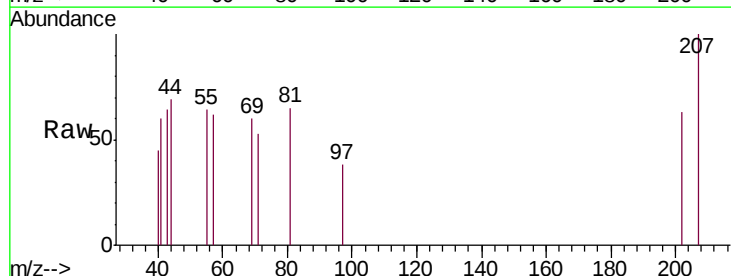
Tgt Ion:202 Resp: 460

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.0

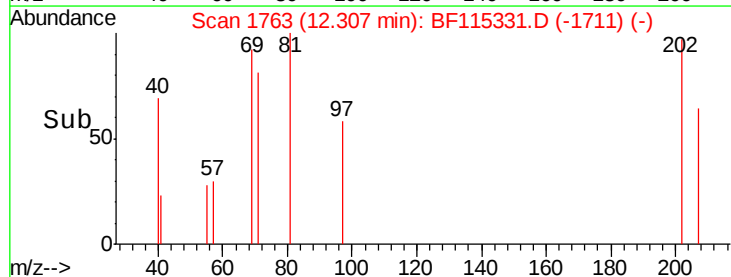
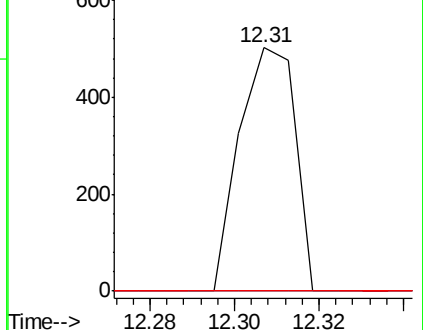
203 0.0 0.0 38.8

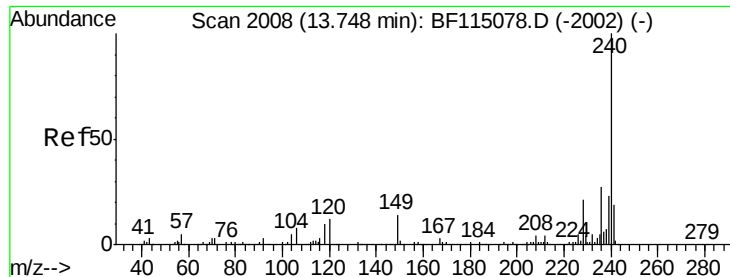


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

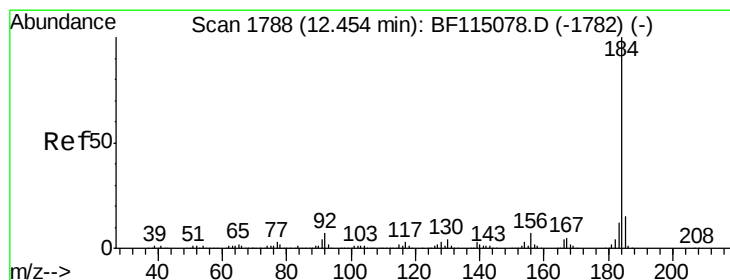
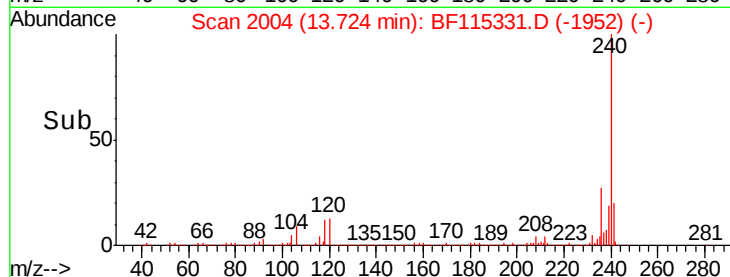
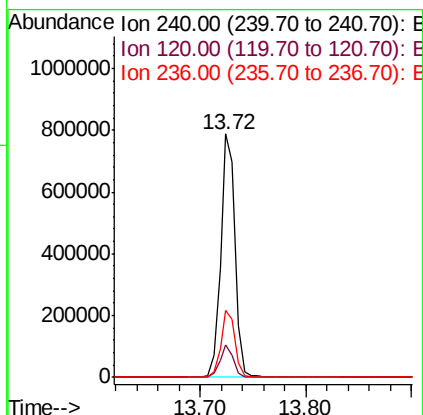
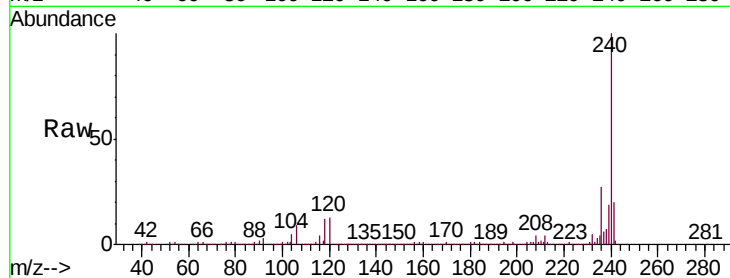




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

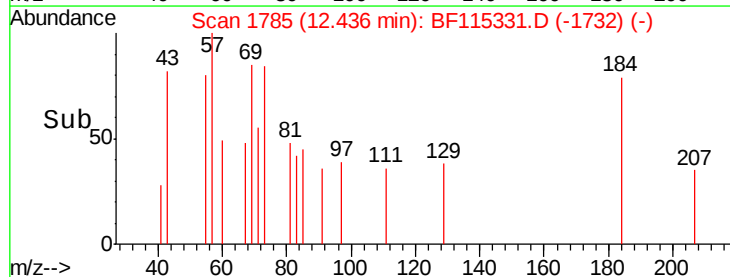
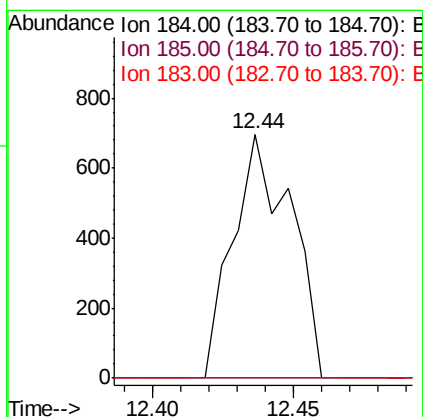
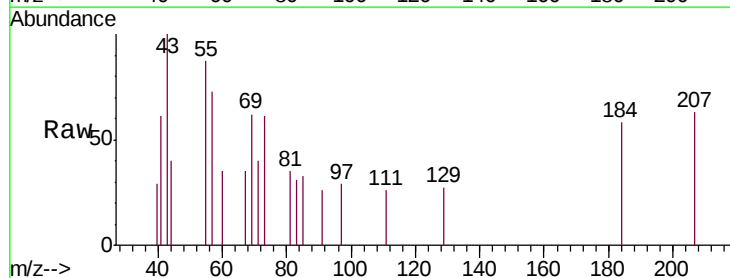
Instrument :
BNA_F
ClientSampleId :
PB121019BL

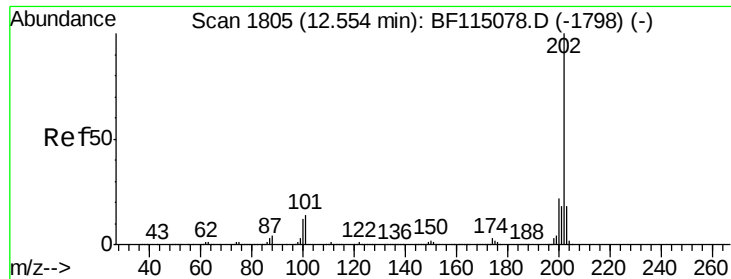
Tgt Ion:240 Resp: 752850
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 27.4 21.7 32.5



#77
Benzidine
Concen: 0.030 ng
RT: 12.44 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:184 Resp: 994
Ion Ratio Lower Upper
184 100
185 0.0 12.2 18.2#
183 0.0 9.6 14.4#

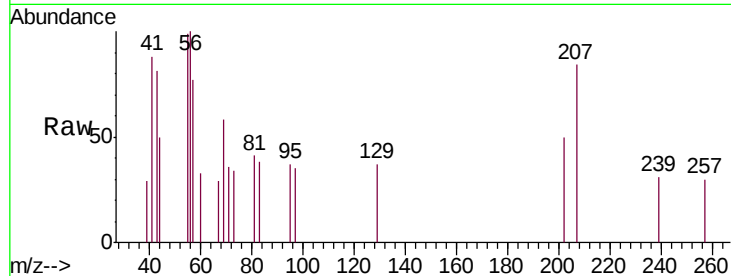




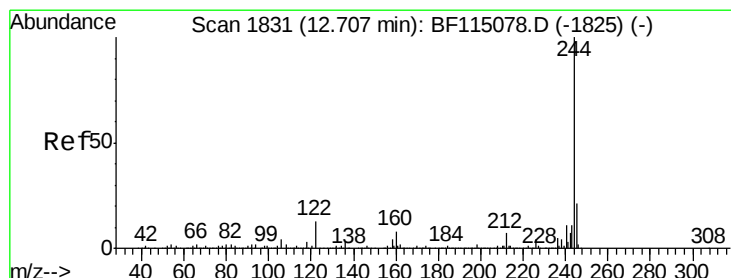
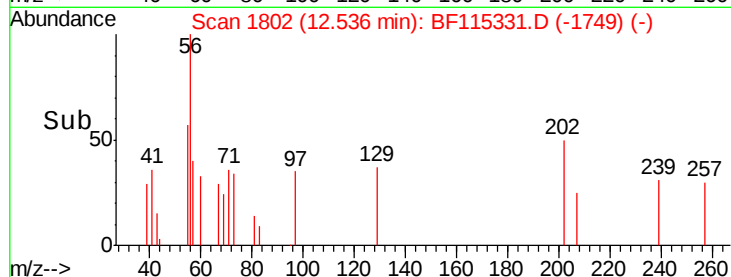
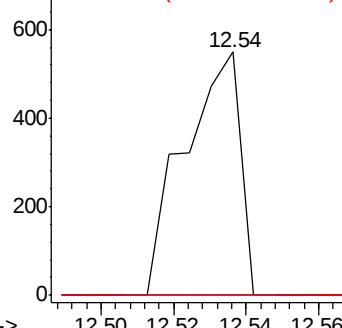
#78
Pyrene
Concen: 0.010 ng
RT: 12.54 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 202 Resp: 587
Ion Ratio Lower Upper
202 100
200 0.0 17.9 26.9#
203 0.0 14.6 21.8#

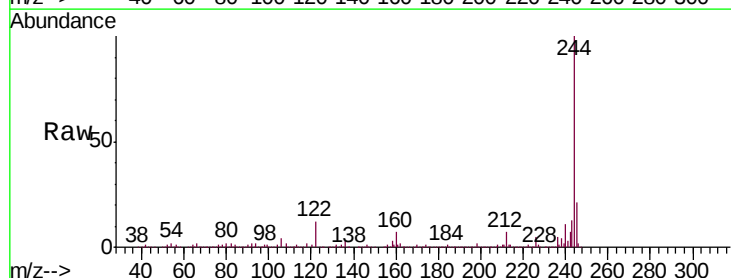


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

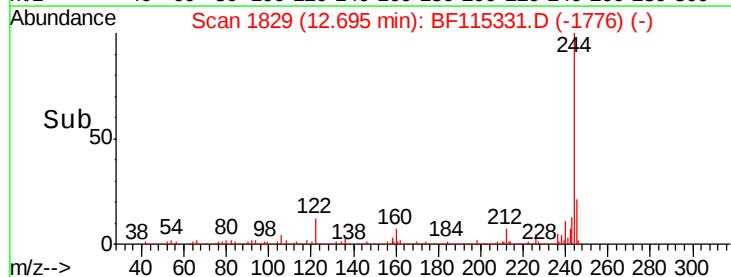
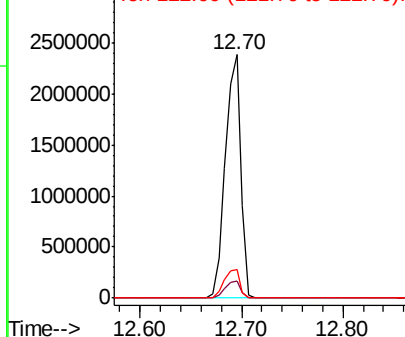


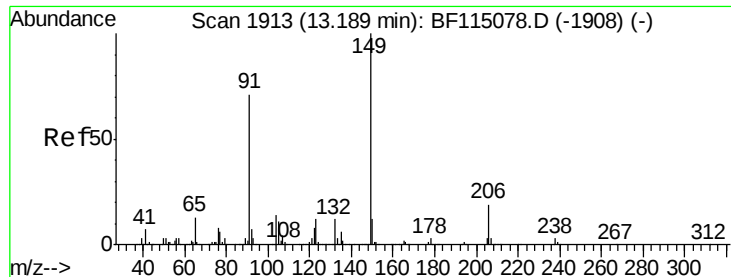
#79
Terphenyl-d14
Concen: 71.419 ng
RT: 12.70 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 244 Resp: 2528874
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

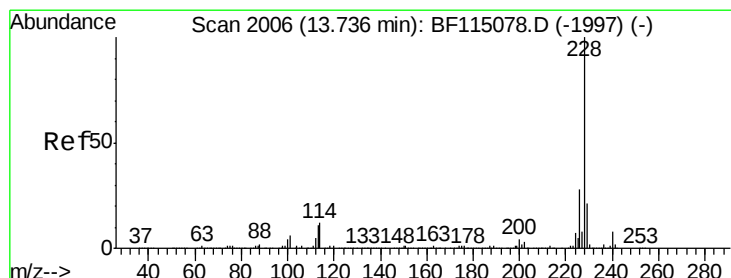
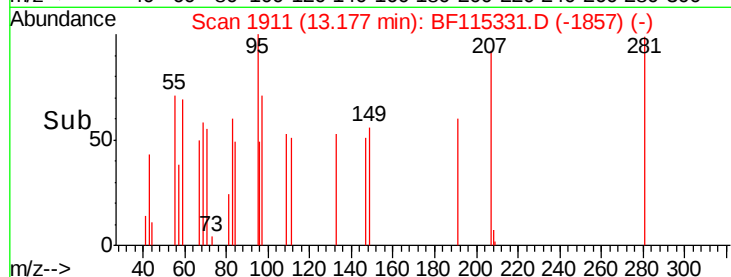
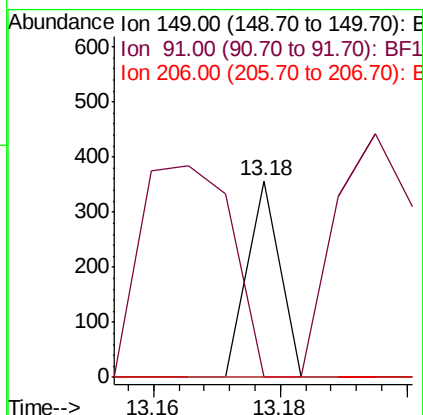
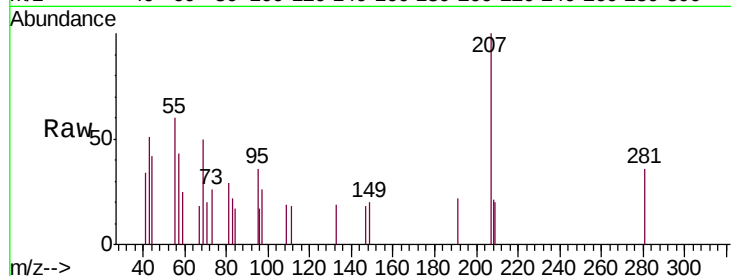




#80
Butylbenzylphthalate
Concen: 0.005 ng
RT: 13.18 min Scan# 1911
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

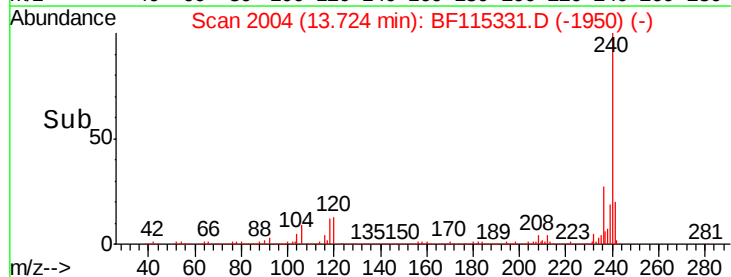
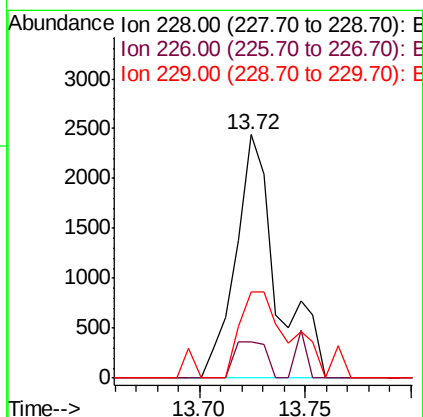
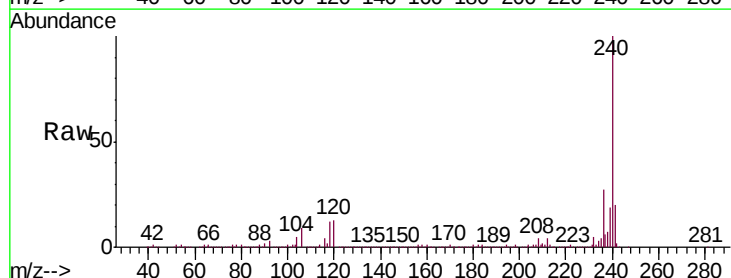
Instrument :
BNA_F
ClientSampleId :
PB121019BL

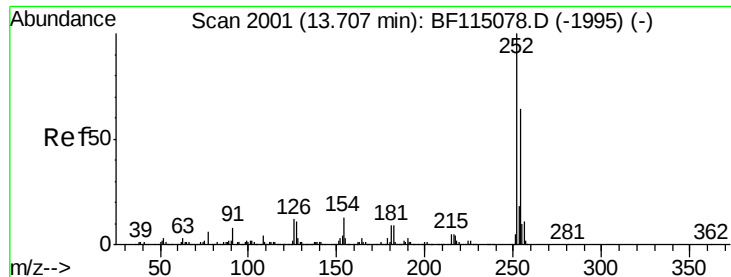
Tgt Ion:149 Resp: 126
Ion Ratio Lower Upper
149 100
91 0.0 56.5 84.7#
206 0.0 15.3 22.9#



#81
Benzo(a)anthracene
Concen: 0.061 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:228 Resp: 3290
Ion Ratio Lower Upper
228 100
226 14.7 22.5 33.7#
229 35.4 16.6 24.8#





#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

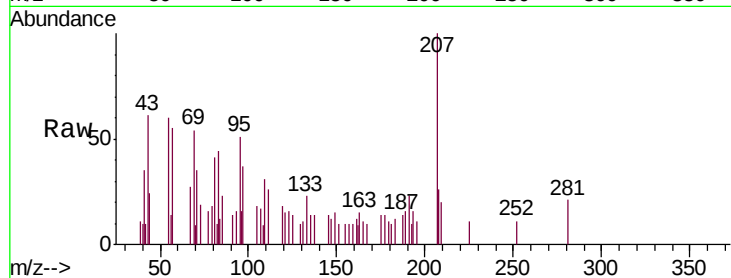
Tgt Ion:252 Resp: 126

Ion Ratio Lower Upper

252 100

254 0.0 51.1 76.7#

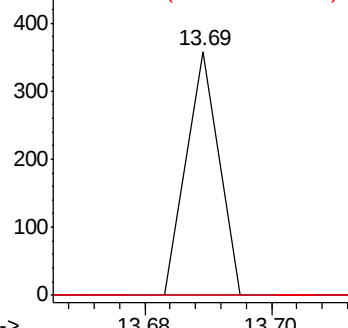
126 0.0 9.4 14.0#



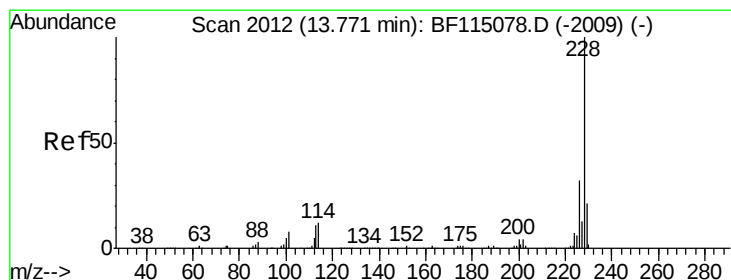
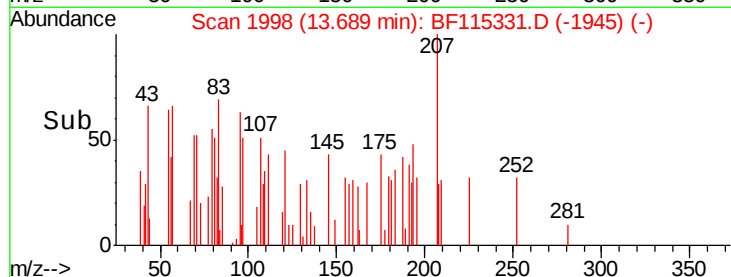
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 0.066 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

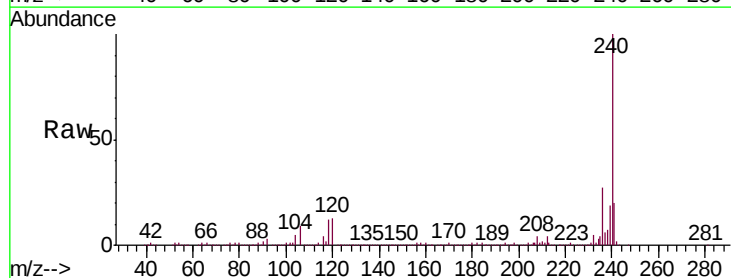
Tgt Ion:228 Resp: 3290

Ion Ratio Lower Upper

228 100

226 14.7 25.4 38.0#

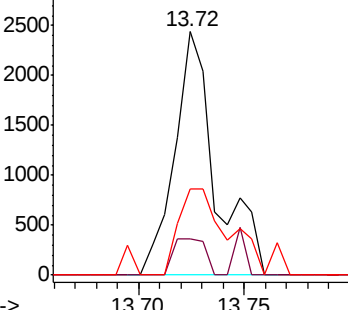
229 35.4 16.5 24.7#



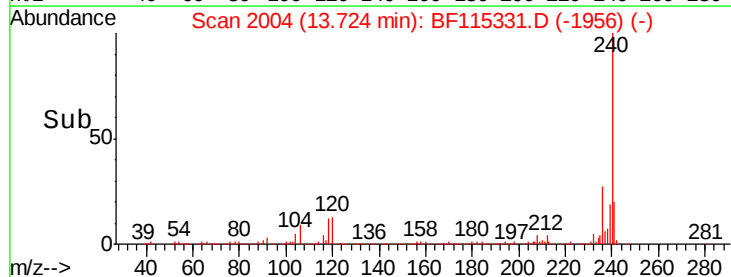
Abundance Ion 228.00 (227.70 to 228.70): E

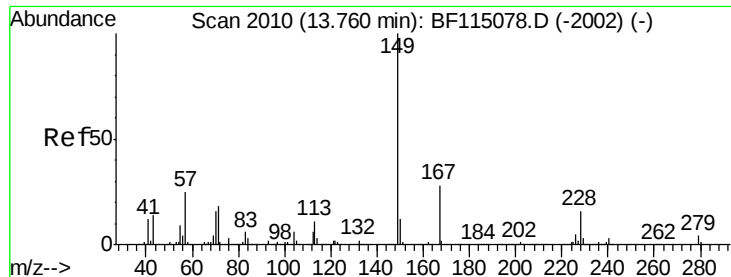
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.018 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

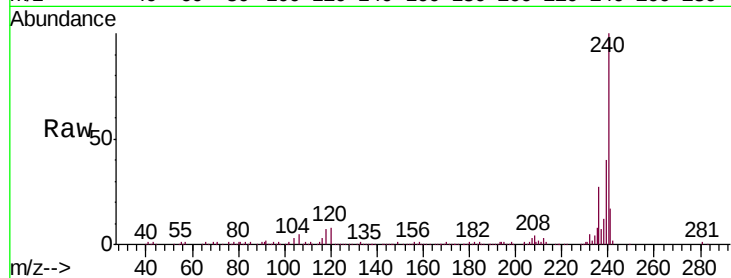
Instrument :

BNA_F

ClientSampled :

PB121019BL

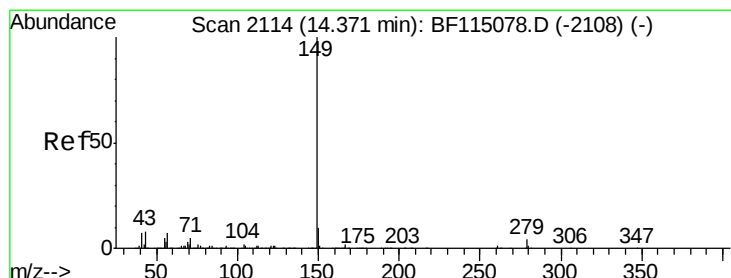
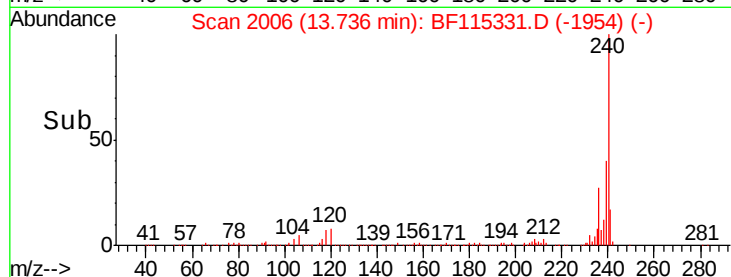
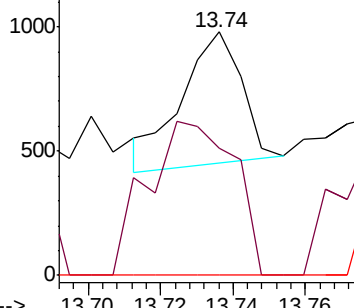
Tgt Ion:	149	Resp:	612
Ion	Ratio	Lower	Upper
149	100		
167	52.4	22.2	33.4#
279	0.0	2.9	4.3#



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: 0.010 ng

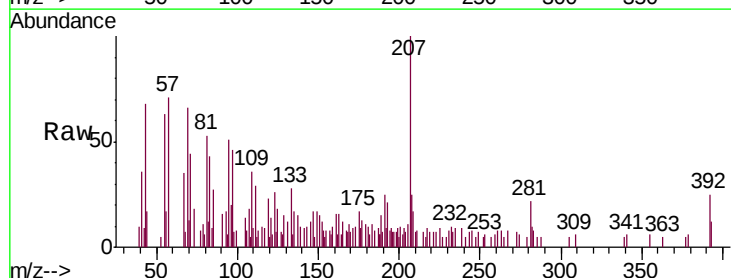
RT: 14.35 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

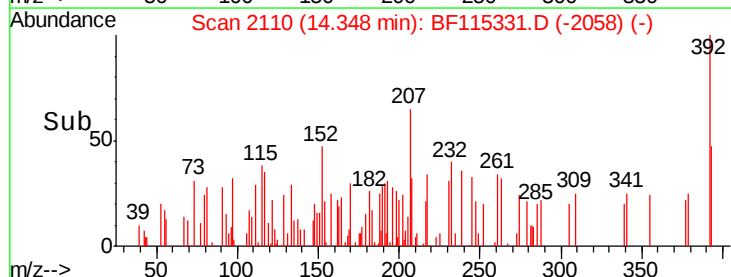
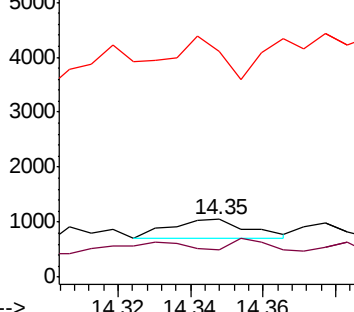
Tgt Ion:	149	Resp:	535
Ion	Ratio	Lower	Upper
149	100		
167	29.7	1.2	1.8#
43	112.1	7.0	10.6#

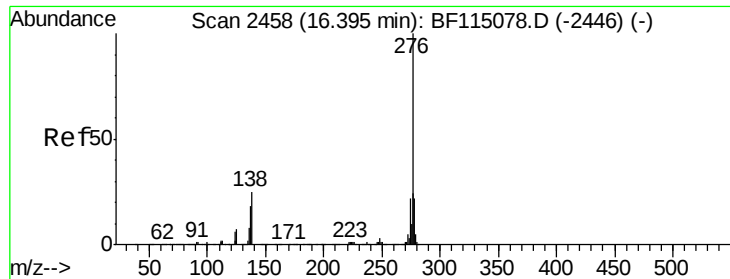


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

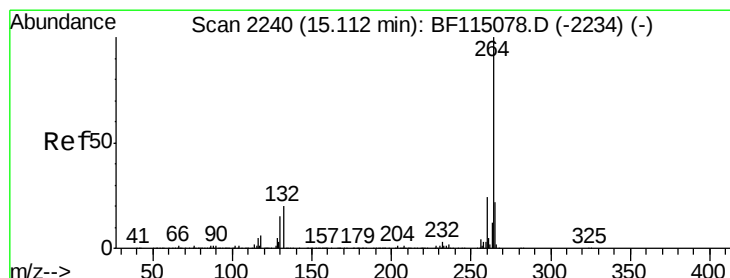
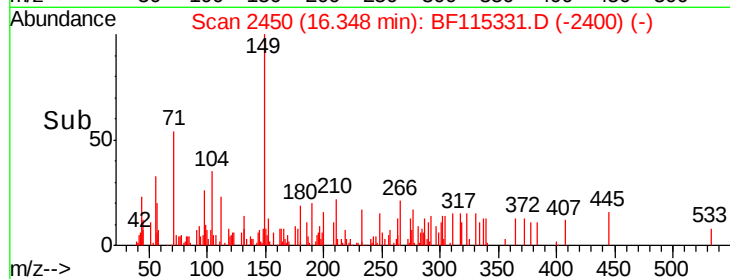
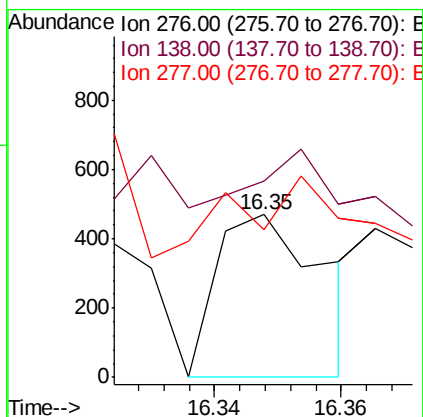
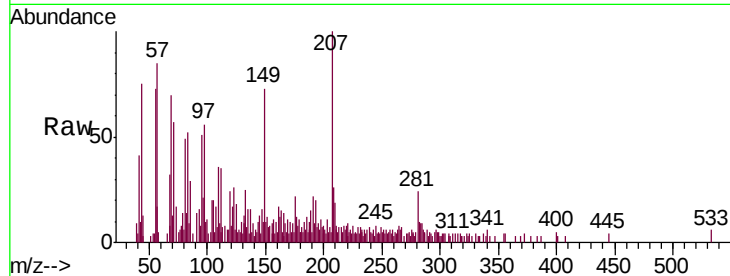




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.009 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

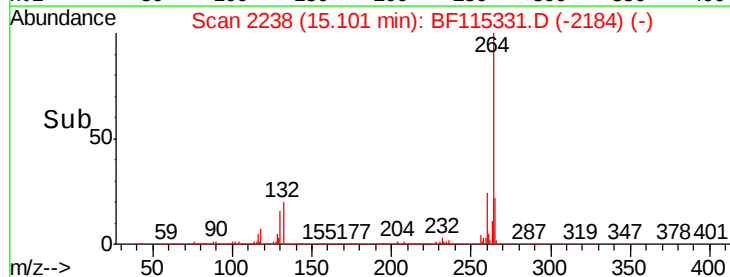
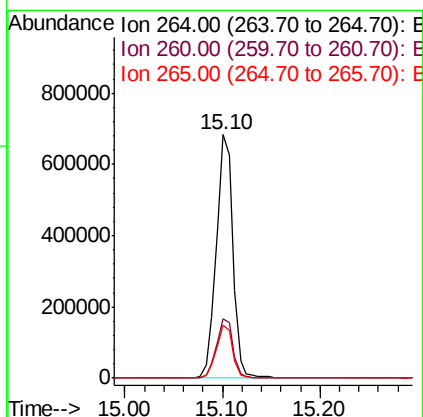
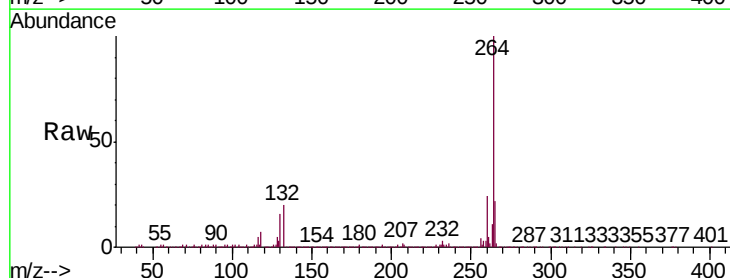
Instrument :
BNA_F
ClientSampleId :
PB121019BL

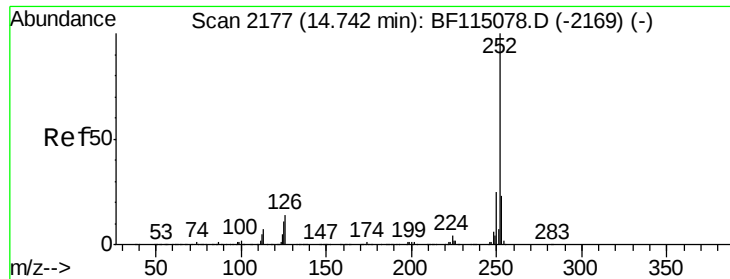
Tgt Ion: 276 Resp: 544
Ion Ratio Lower Upper
276 100
138 0.0 23.2 34.8#
277 31.1 20.1 30.1#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 264 Resp: 806889
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.9 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 0.033 ng

RT: 14.73 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

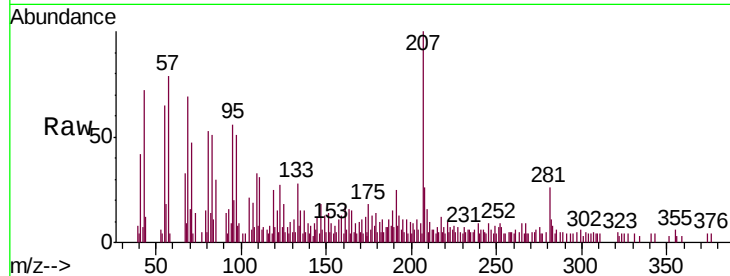
Tgt Ion:252 Resp: 1646

Ion Ratio Lower Upper

252 100

253 81.9 18.1 27.1#

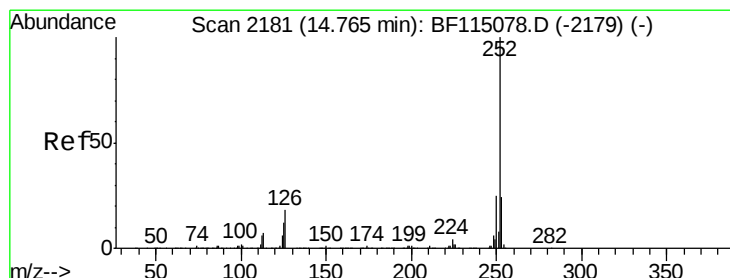
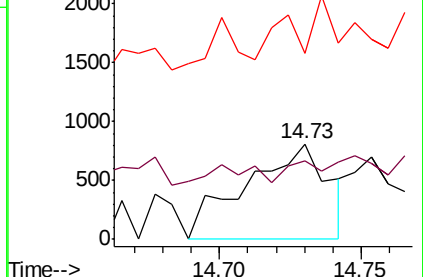
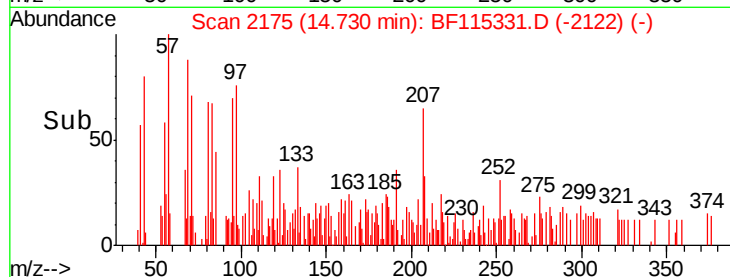
125 194.6 8.7 13.1#



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: 0.036 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

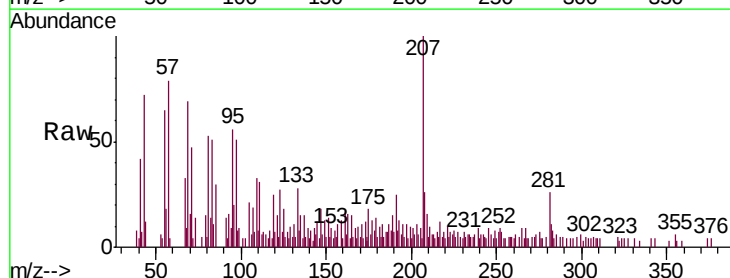
Tgt Ion:252 Resp: 1646

Ion Ratio Lower Upper

252 100

253 81.9 18.9 28.3#

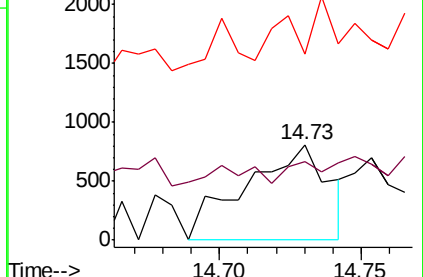
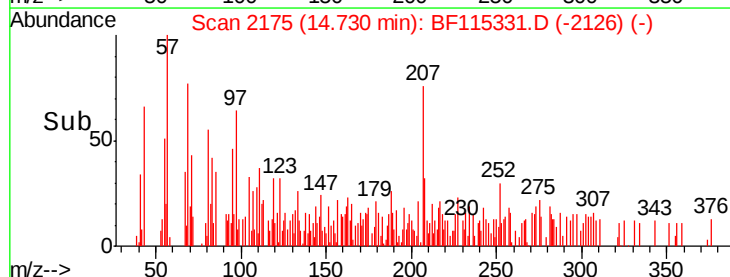
125 194.6 10.2 15.2#

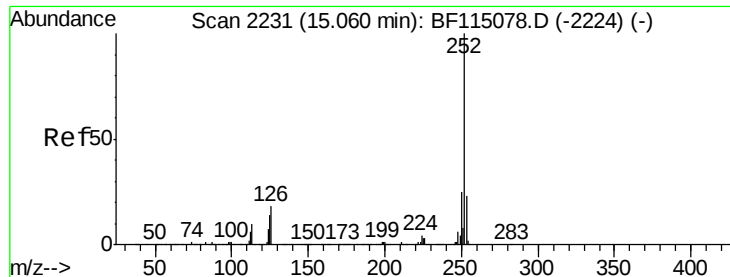


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.012 ng

RT: 15.04 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

PB121019BL

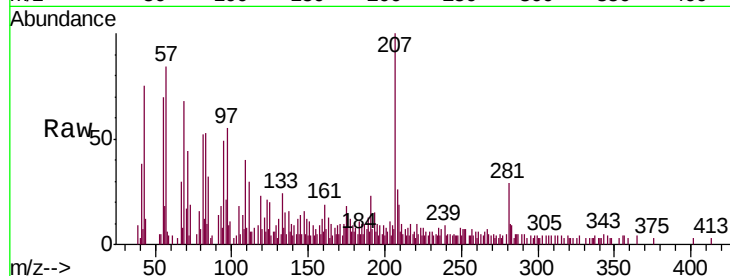
Tgt Ion:252 Resp: 539

Ion Ratio Lower Upper

252 100

253 101.6 18.3 27.5#

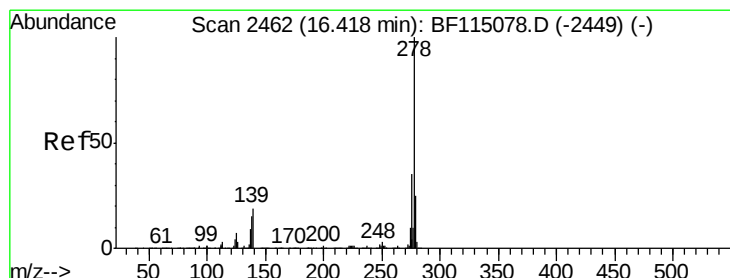
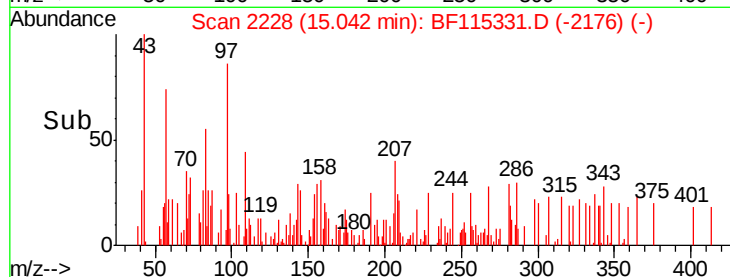
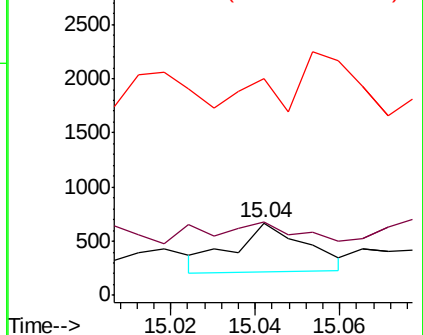
125 299.7 10.9 16.3#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.011 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BF115331.D

Acq: 1 Jul 2019 11:31

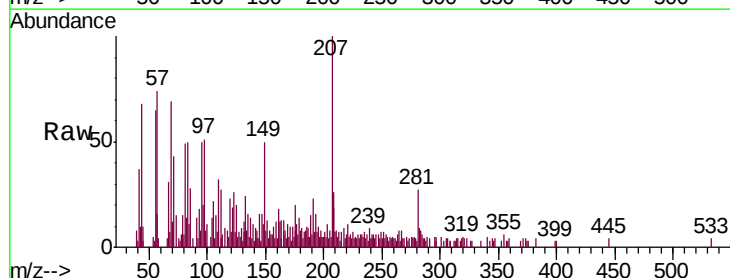
Tgt Ion:278 Resp: 476

Ion Ratio Lower Upper

278 100

139 227.2 15.4 23.2#

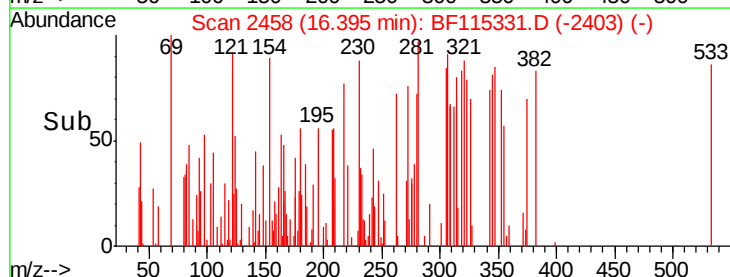
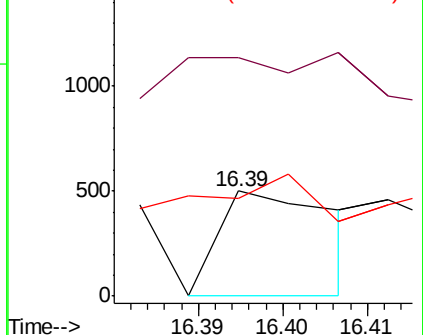
279 93.0 19.9 29.9#

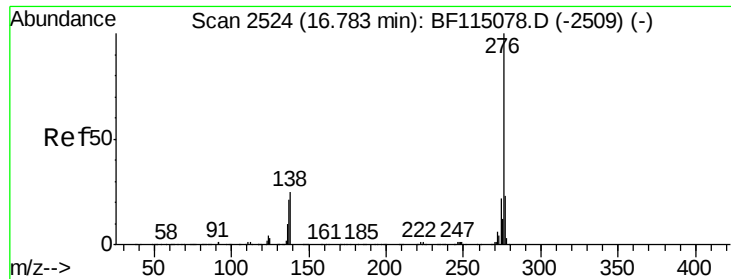


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.010 ng
 RT: 16.70 min Scan# 2510
 Delta R.T. -0.04 min
 Lab File: BF115331.D
 Acq: 1 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BL

Tgt Ion	Ratio	Lower	Upper
276	100		
277	118.2	18.6	28.0#
138	95.1	19.8	29.6#

