

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132448.D
 Acq On : 17 Feb 2023 11:29
 Operator : CG\JU
 Sample : PB150843TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150843TB

Quant Time: Feb 17 12:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	218455	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	815161	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	435084	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	826894	20.000	ng	0.00
76) Chrysene-d12	14.230	240	602233	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	520288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1665673	122.177	ng	0.01
7) Phenol-d6	6.654	99	2136349	120.007	ng	0.00
23) Nitrobenzene-d5	7.595	82	1426488	84.084	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	518658	119.479	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2178944	77.340	ng	0.00
79) Terphenyl-d14	13.171	244	2627730	79.465	ng	0.00
Target Compounds						
3) Pyridine	3.701	79	68	0.003	ng	# 24
4) n-Nitrosodimethylamine	3.578	42	63	0.008	ng	# 1
6) Aniline	6.701	93	536	0.022	ng	# 72
9) Benzaldehyde	6.578	77	323	0.034	ng	# 60
10) Phenol	6.654	94	484	0.026	ng	# 1
11) bis(2-Chloroethyl)ether	6.760	93	124	0.008	ng	# 19
15) Benzyl Alcohol	7.025	79	6124	0.465	ng	# 36
17) 2-Methylphenol	7.290	107	66	0.005	ng	# 10
19) n-Nitroso-di-n-propyla...	7.595	70	193862	17.764	ng	# 78
20) 3+4-Methylphenols	7.513	107	57	0.003	ng	# 20
22) Acetophenone	7.360	105	67	0.003	ng	# 54
24) Nitrobenzene	7.595	77	4650	0.250	ng	# 38
25) Isophorone	7.595	82	1426475	42.790	ng	# 68
27) 2,4-Dimethylphenol	8.113	122	72	0.006	ng	# 1
28) bis(2-Chloroethoxy)met...	8.313	93	191	0.010	ng	# 1
32) Benzoic acid	8.207	122	53	7.155	ng	88
33) 4-Chloroaniline	8.442	127	185	0.011	ng	# 43
36) 4-Chloro-3-methylphenol	8.872	107	711	0.052	ng	# 84
37) 2-Methylnaphthalene	8.919	142	53	0.002	ng	# 5
38) 1-Methylnaphthalene	9.395	142	1225	0.046	ng	84
46) 1,1'-Biphenyl	9.395	154	4165	0.124	ng	# 1
48) 2-Nitroaniline	9.395	65	3969	0.428	ng	# 1
49) Acenaphthylene	10.101	152	57	0.001	ng	# 1
51) 2,6-Dinitrotoluene	10.078	165	55176	7.919	ng	# 20
52) Acenaphthene	10.113	154	60	0.002	ng	# 68
57) 2,4-Dinitrotoluene	10.078	165	55176	6.015	ng	# 20
58) Fluorene	10.872	166	20680	0.705	ng	# 84
60) Diethylphthalate	10.489	149	53	0.002	ng	# 59
63) Azobenzene	10.772	77	299	0.009	ng	# 52
65) 4,6-Dinitro-2-methylph...	10.872	198	1722	0.335	ng	# 1
66) n-Nitrosodiphenylamine	10.872	169	18073	0.712	ng	# 53
67) 4-Bromophenyl-phenylether	10.872	248	36367	4.013	ng	# 1
71) Phenanthrene	11.577	178	426	0.010	ng	# 10
72) Anthracene	11.577	178	426	0.010	ng	# 9
73) Carbazole	11.572	167	61	0.002	ng	# 1
74) Di-n-butylphthalate	12.124	149	539	0.011	ng	# 77

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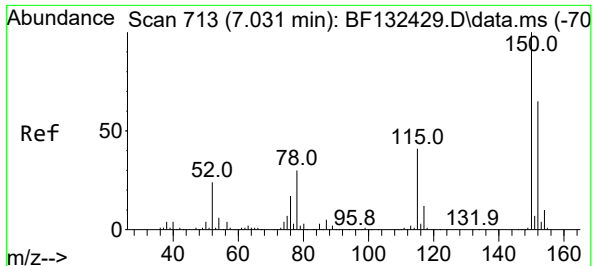
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) Fluoranthene	12.795	202	55	0.001	ng	64
77) Benzidine	13.171	184	39476	3.078	ng #	93
78) Pyrene	13.019	202	377	0.007	ng #	57
81) Benzo(a)anthracene	14.230	228	1806	0.041	ng #	73
82) 3,3'-Dichlorobenzidine	14.177	252	3880	0.329	ng #	85
83) Chrysene	14.230	228	1806	0.043	ng #	70
84) Bis(2-ethylhexyl)phtha...	14.195	149	301	0.012	ng #	53
85) Di-n-octyl phthalate	14.836	149	127	0.004	ng #	1
90) Benzo(a)pyrene	15.712	252	71	0.002	ng #	6
92) Benzo(g,h,i)perylene	17.877	276	58	0.002	ng #	52

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

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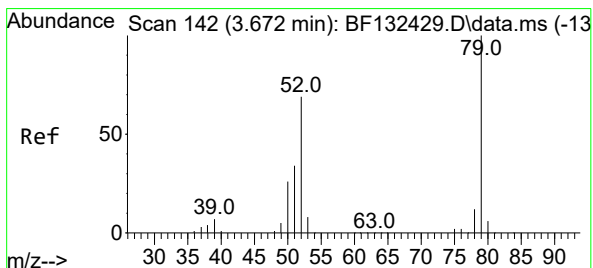
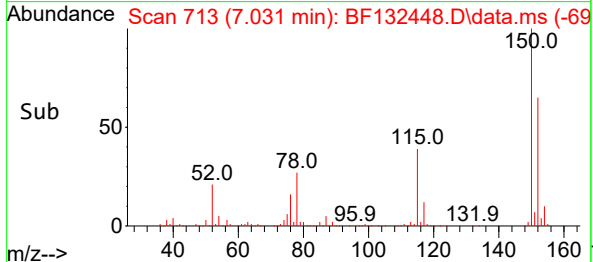
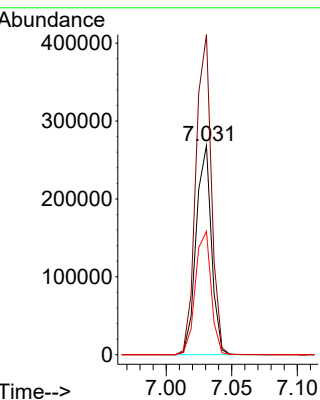
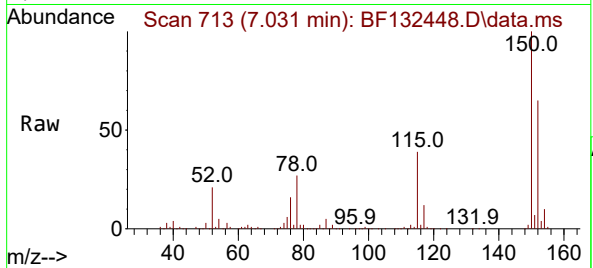




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

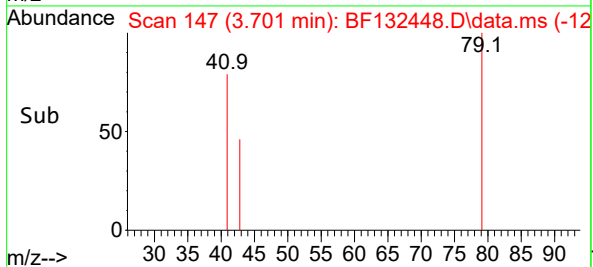
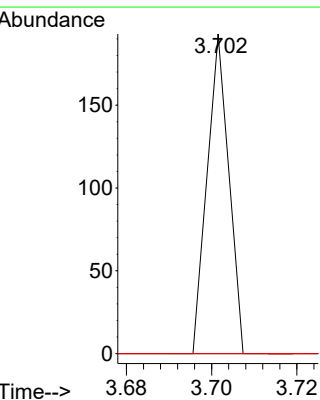
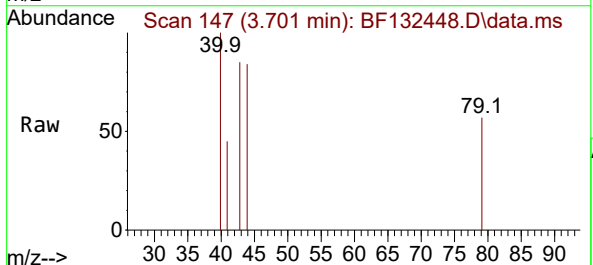
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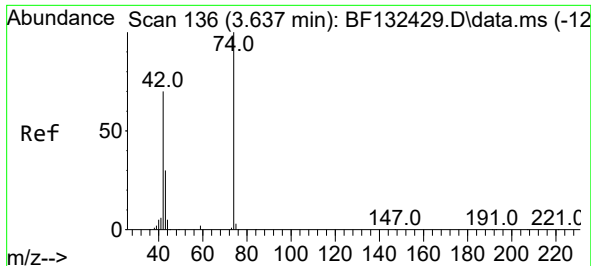
Tgt Ion:152 Resp: 218455
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.8
115 59.0 50.4 75.6



#3
Pyridine
Concen: 0.003 ng
RT: 3.701 min Scan# 147
Delta R.T. 0.029 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 79 Resp: 68
Ion Ratio Lower Upper
79 100
52 0.0 55.0 82.6#
51 0.0 27.0 40.6#

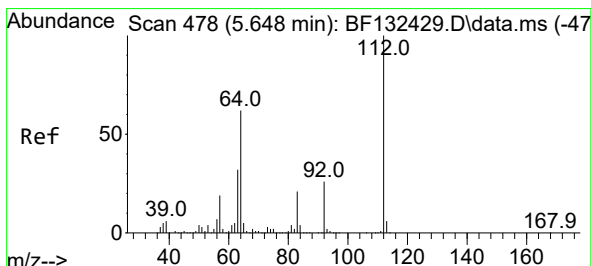
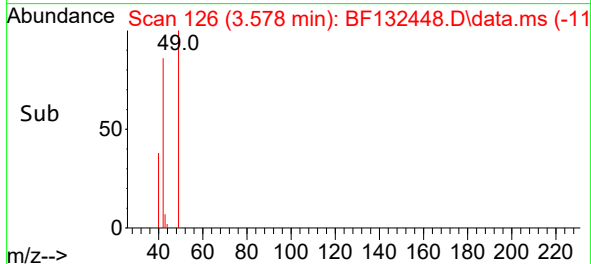
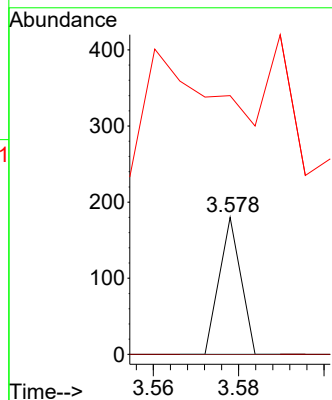
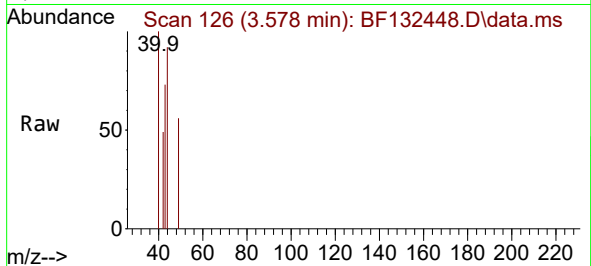




#4
n-Nitrosodimethylamine
Concen: 0.008 ng
RT: 3.578 min Scan# 11
Delta R.T. -0.059 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

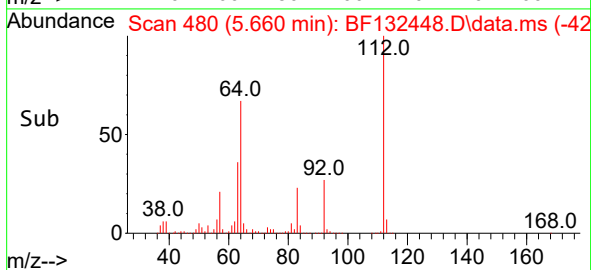
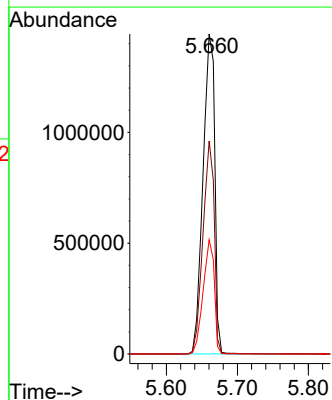
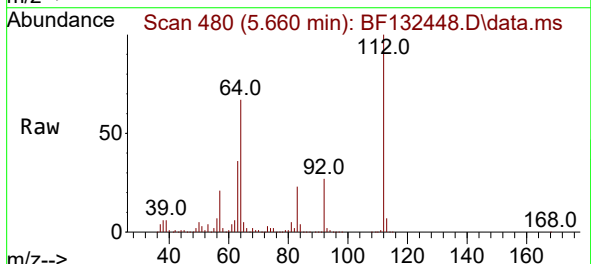
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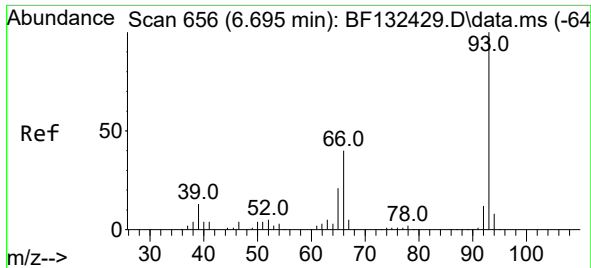
Tgt Ion: 42 Resp: 63
Ion Ratio Lower Upper
42 100
74 0.0 115.1 172.7#
44 188.9 5.7 8.5#



#5
2-Fluorophenol
Concen: 122.177 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 112 Resp: 1665673
Ion Ratio Lower Upper
112 100
64 66.5 49.7 74.5
63 35.7 25.8 38.8





#6

Aniline

Concen: 0.022 ng

RT: 6.701 min Scan# 6

Delta R.T. 0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

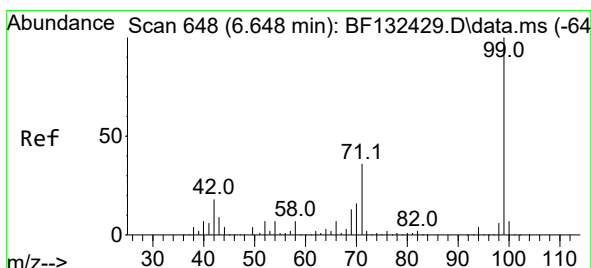
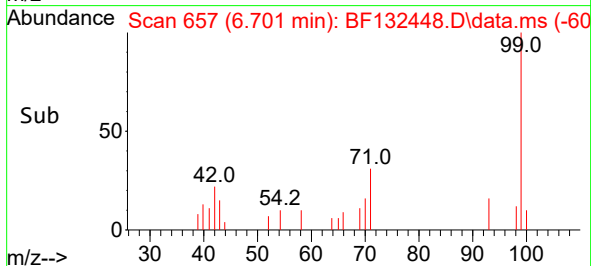
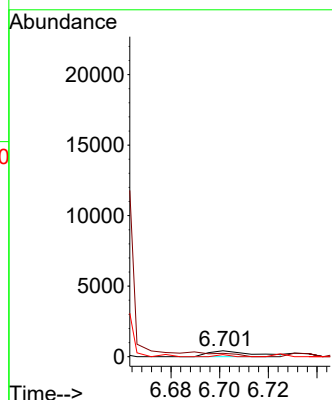
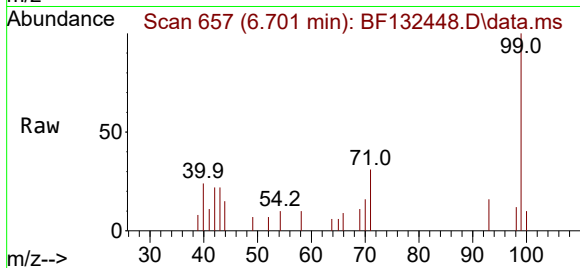
Tgt Ion: 93 Resp: 536

Ion Ratio Lower Upper

93 100

66 57.1 32.7 49.1#

65 36.0 17.1 25.7#



#7

Phenol-d6

Concen: 120.007 ng

RT: 6.654 min Scan# 649

Delta R.T. 0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

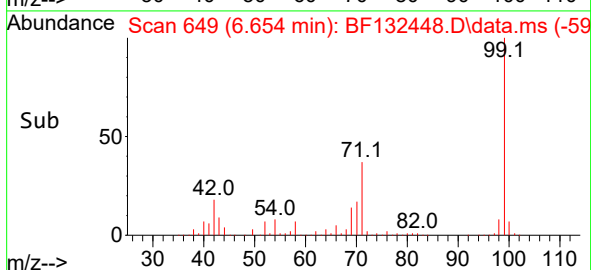
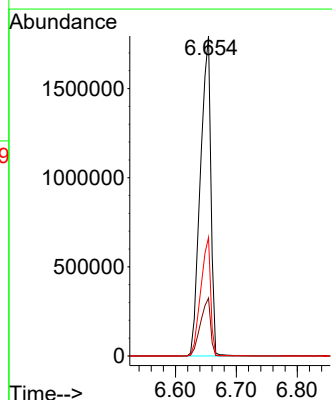
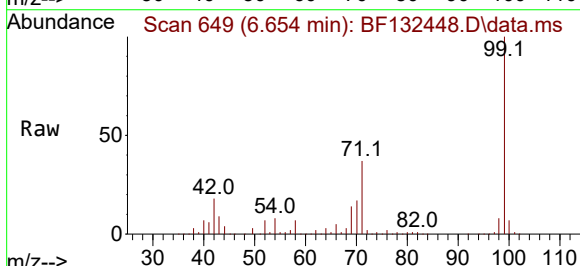
Tgt Ion: 99 Resp: 2136349

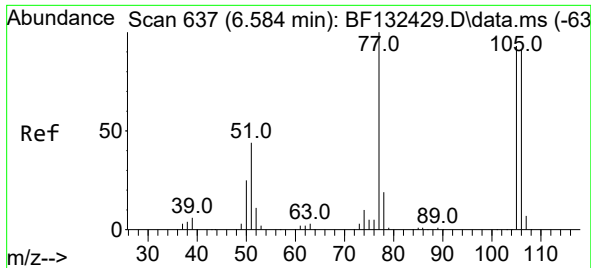
Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

71 37.0 28.7 43.1

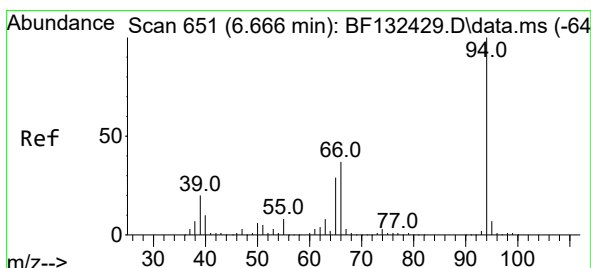
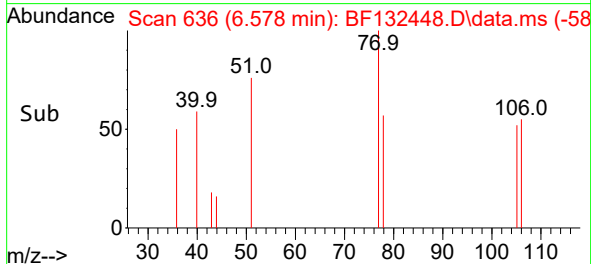
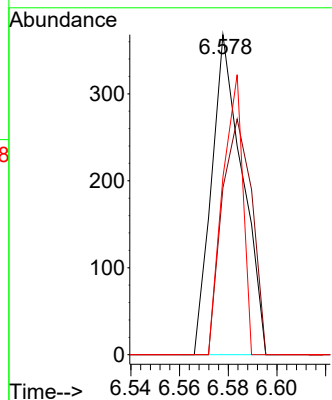
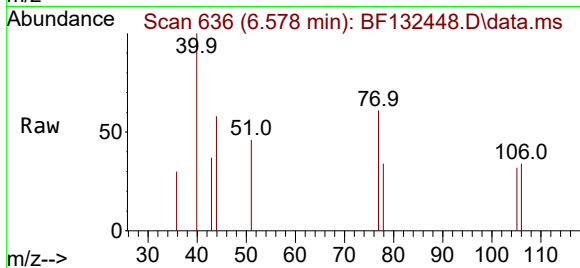




#9
Benzaldehyde
Concen: 0.034 ng
RT: 6.578 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

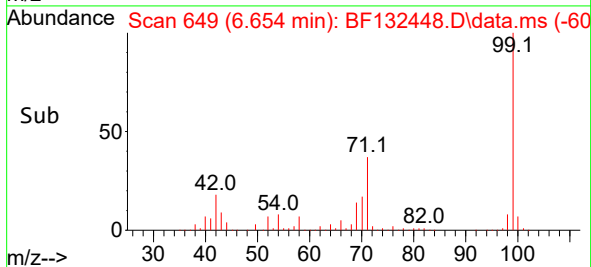
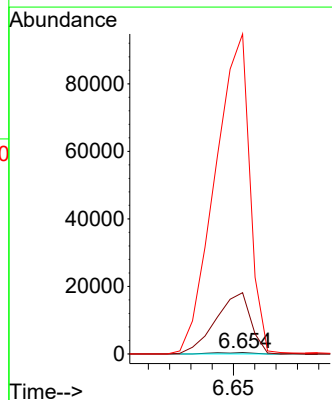
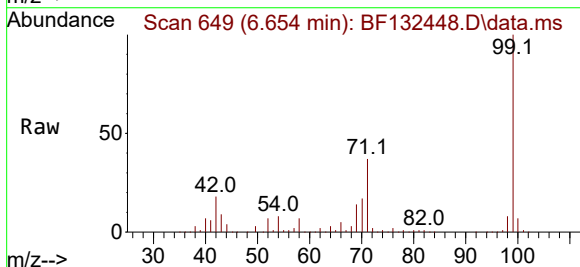
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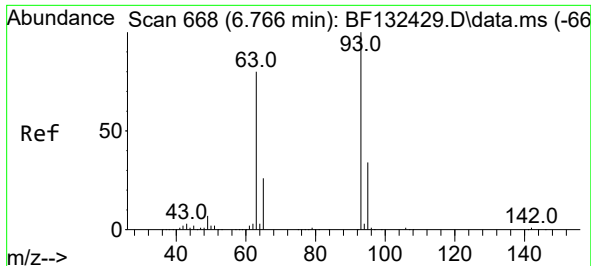
Tgt Ion: 77 Resp: 323
Ion Ratio Lower Upper
77 100
105 52.2 73.2 113.2#
106 55.4 71.5 111.5#



#10
Phenol
Concen: 0.026 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
65 4725.0 9.0 49.0#
66 24677.1 17.4 57.4#

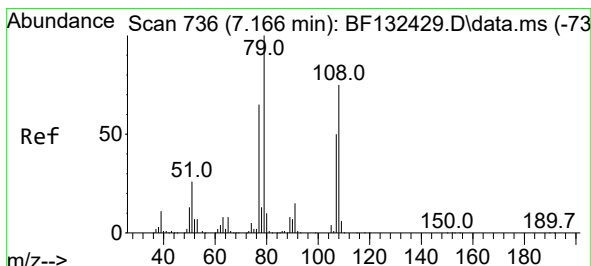
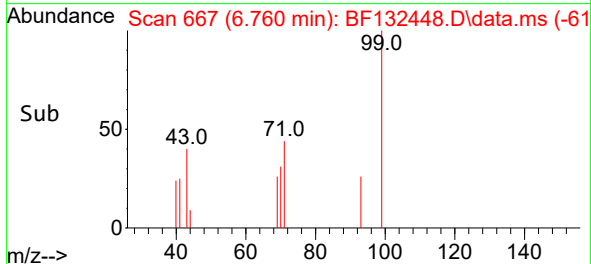
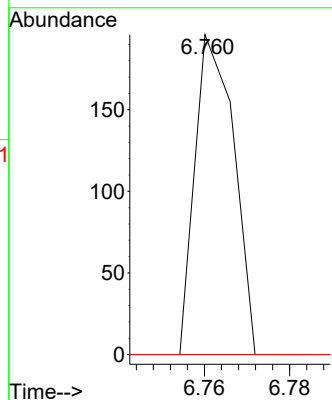
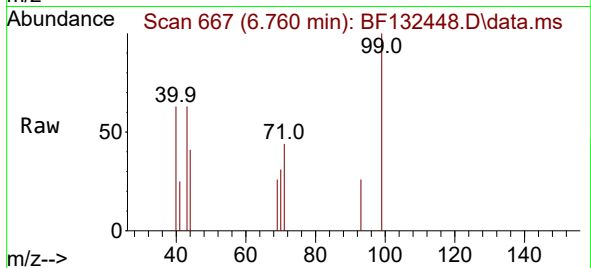




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 6.760 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

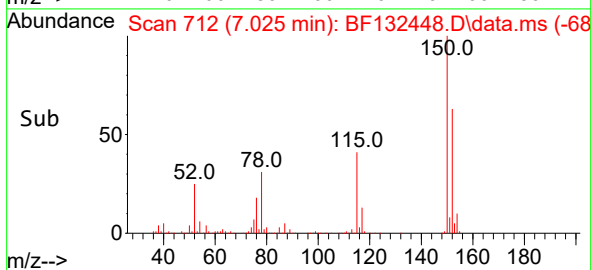
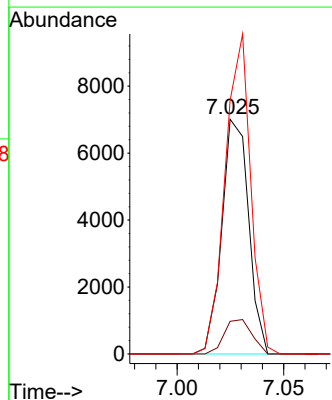
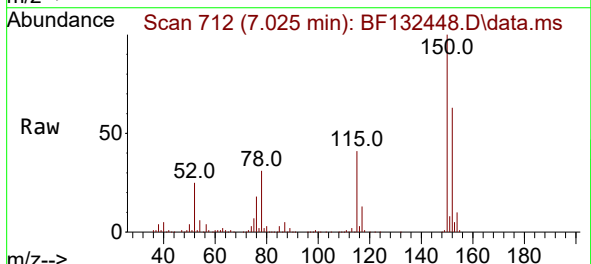
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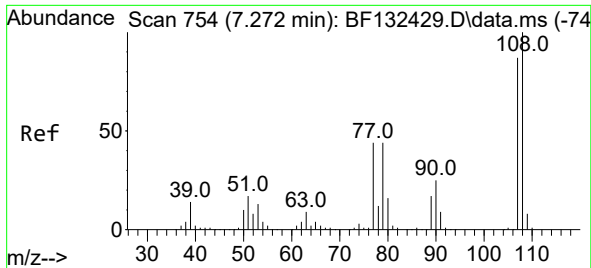
Tgt Ion: 93 Resp: 124
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 0.0 13.5 53.5#



#15
Benzyl Alcohol
Concen: 0.465 ng
RT: 7.025 min Scan# 712
Delta R.T. -0.141 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 79 Resp: 6124
Ion Ratio Lower Upper
79 100
108 13.9 59.8 89.6#
77 108.0 51.8 77.6#

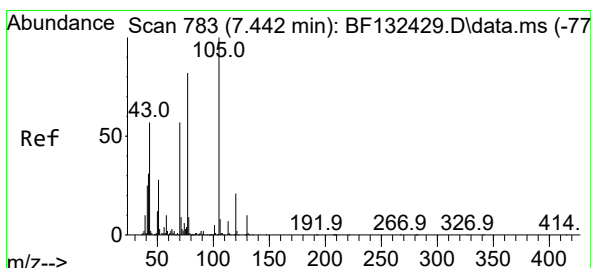
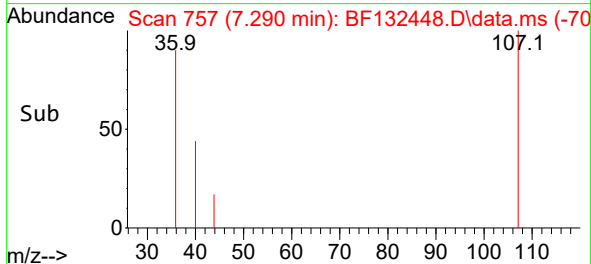
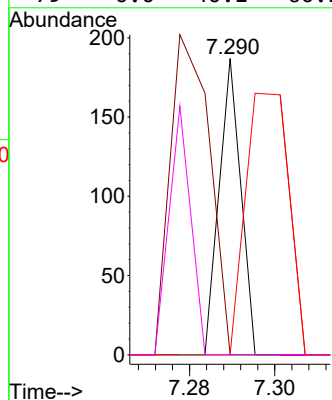
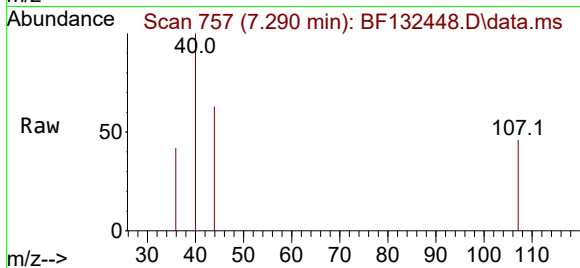




#17
2-Methylphenol
Concen: 0.005 ng
RT: 7.290 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

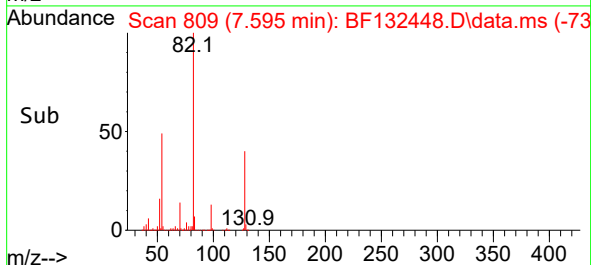
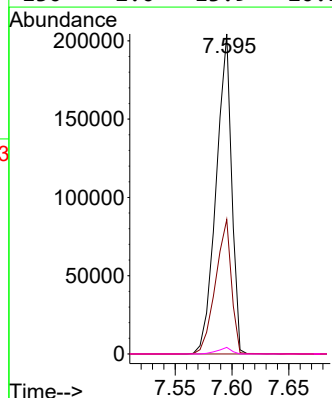
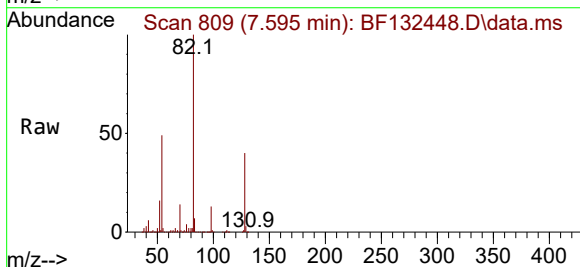
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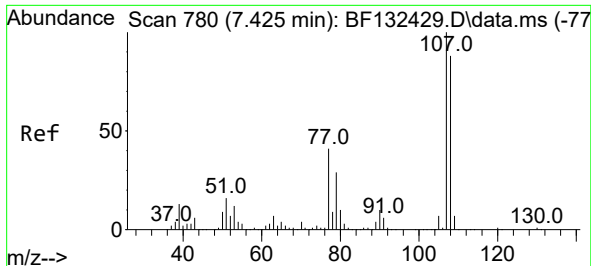
Tgt Ion:	107	Resp:	66
Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	0.0	40.7	61.1#
79	0.0	40.1	60.1#



#19
n-Nitroso-di-n-propylamine
Concen: 17.764 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132448.D
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Tgt Ion:	70	Resp:	193862
Ion	Ratio	Lower	Upper
70	100		
42	42.0	43.5	65.3#
101	0.0	7.3	10.9#
130	2.0	13.9	20.9#





#20

3+4-Methylphenols

Concen: 0.003 ng

RT: 7.513 min Scan# 795

Delta R.T. 0.088 min

Lab File: BF132448.D

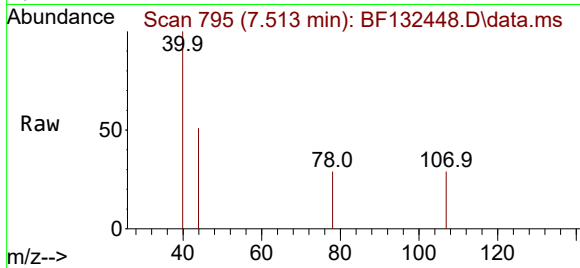
Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB



Tgt Ion:107 Resp: 57

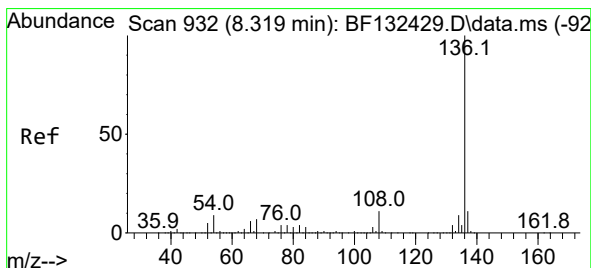
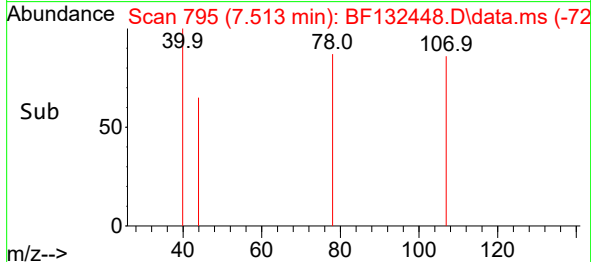
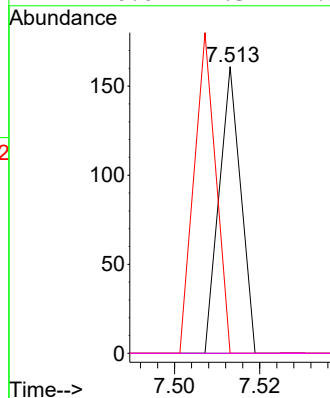
Ion Ratio Lower Upper

107 100

108 0.0 68.1 108.1#

77 0.0 21.3 61.3#

79 0.0 9.5 49.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.313 min Scan# 931

Delta R.T. -0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Tgt Ion:136 Resp: 815161

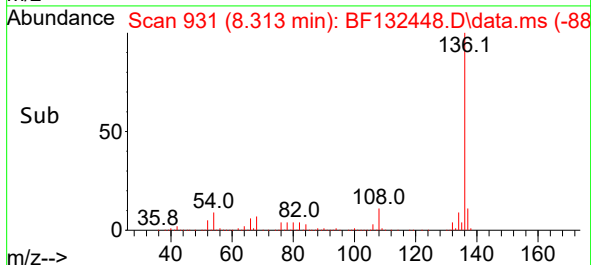
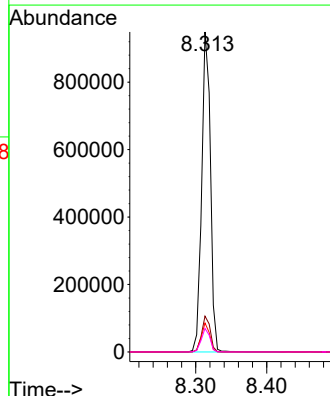
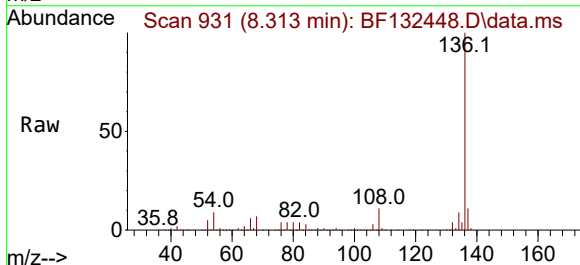
Ion Ratio Lower Upper

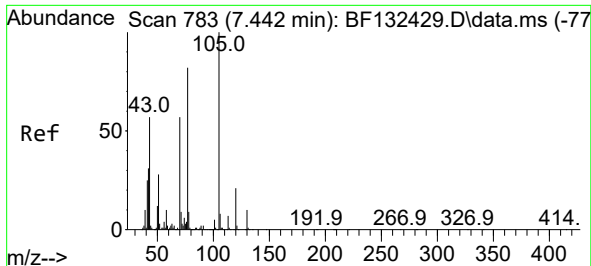
136 100

137 11.2 8.8 13.2

54 9.1 6.9 10.3

68 7.3 5.4 8.0

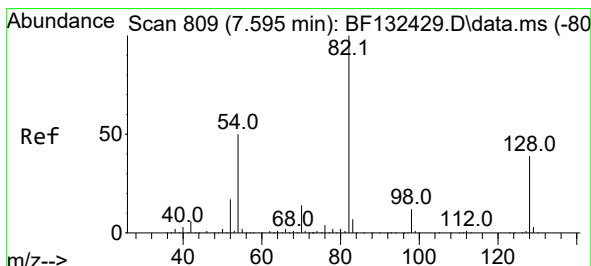
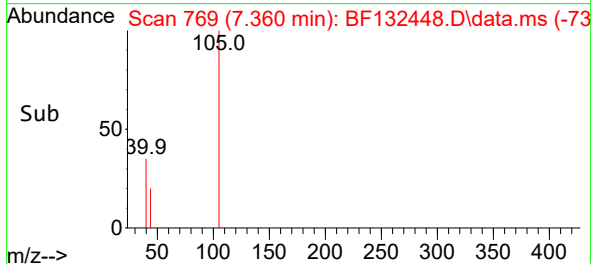
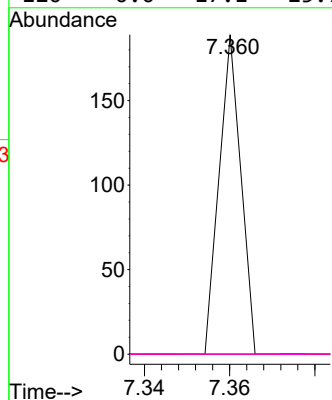
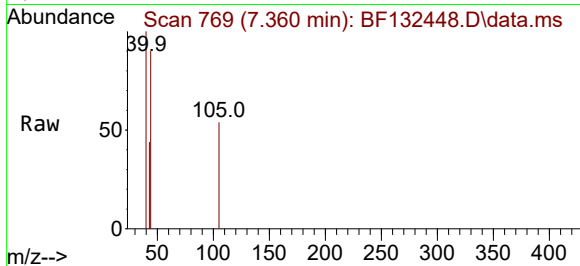




#22
Acetophenone
Concen: 0.003 ng
RT: 7.360 min Scan# 71
Delta R.T. -0.082 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

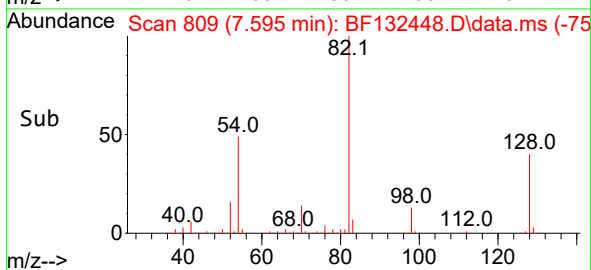
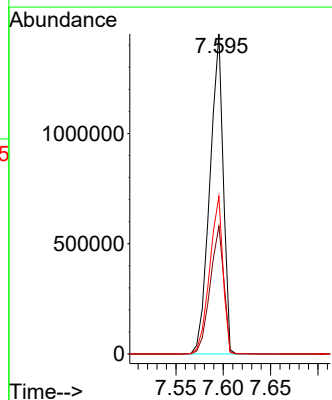
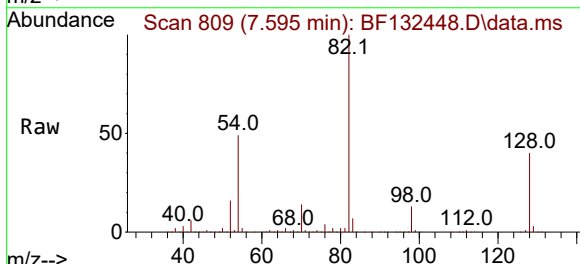
Instrument :
BNA_F
ClientSampleId :
PB150843TB

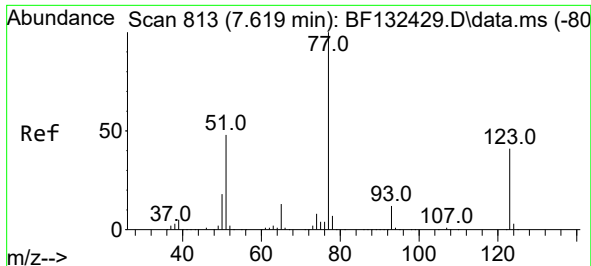
Tgt Ion:105 Resp: 67
Ion Ratio Lower Upper
105 100
71 0.0 7.3 10.9#
51 0.0 22.2 33.2#
120 0.0 17.1 25.7#



#23
Nitrobenzene-d5
Concen: 84.084 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 82 Resp: 1426488
Ion Ratio Lower Upper
82 100
128 40.0 30.8 46.2
54 49.3 40.2 60.4

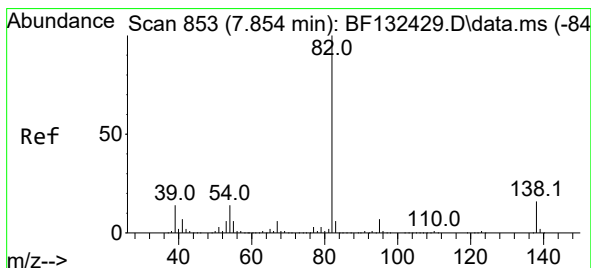
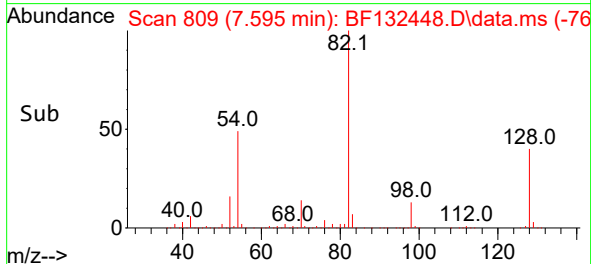
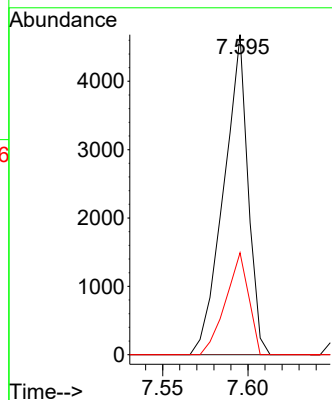
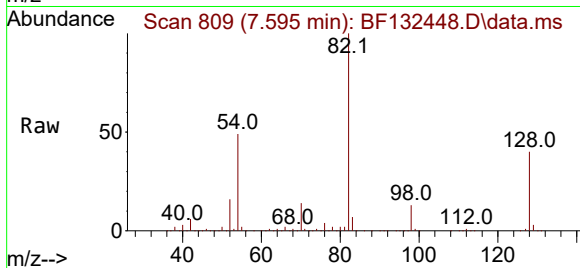




#24
Nitrobenzene
Concen: 0.250 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.024 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

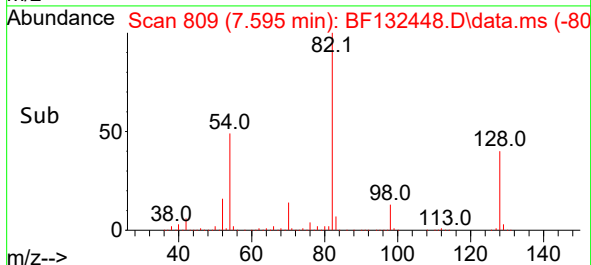
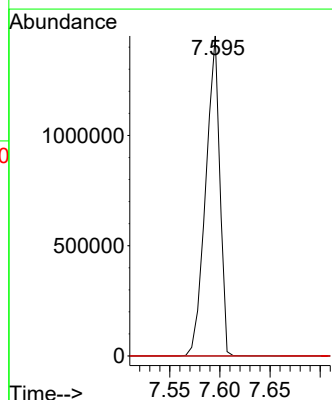
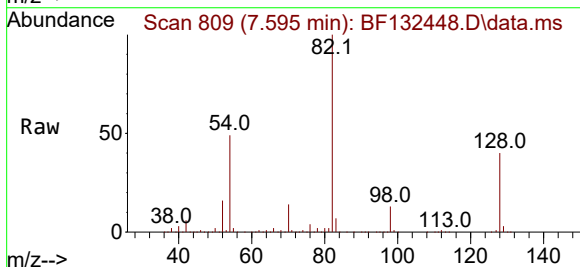
Instrument :
BNA_F
ClientSampleId :
PB150843TB

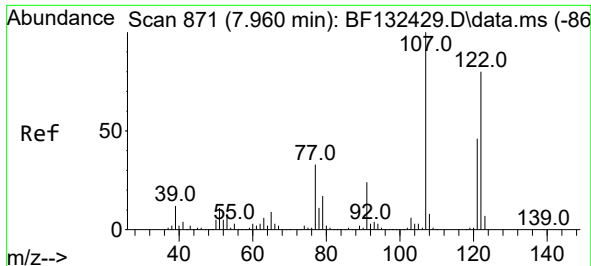
Tgt Ion: 77 Resp: 4650
Ion Ratio Lower Upper
77 100
123 0.0 33.2 49.8#
65 31.9 10.4 15.6#



#25
Isophorone
Concen: 42.790 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 82 Resp: 1426475
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#

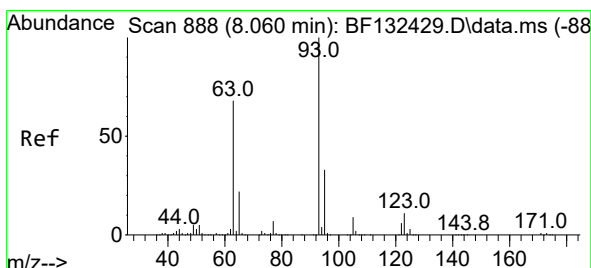
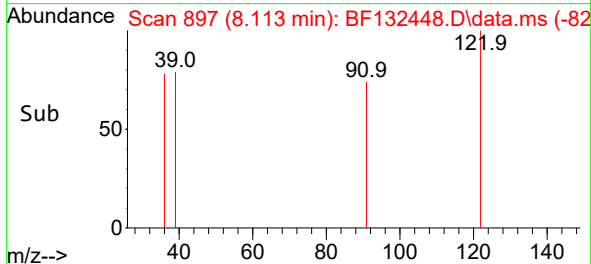
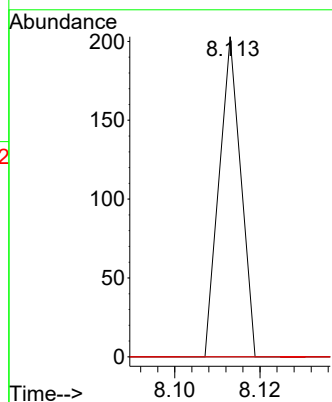
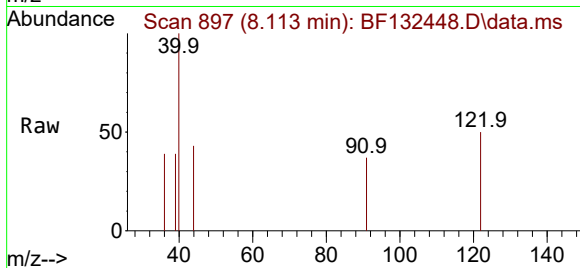




#27
2,4-Dimethylphenol
Concen: 0.006 ng
RT: 8.113 min Scan# 897
Delta R.T. 0.153 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

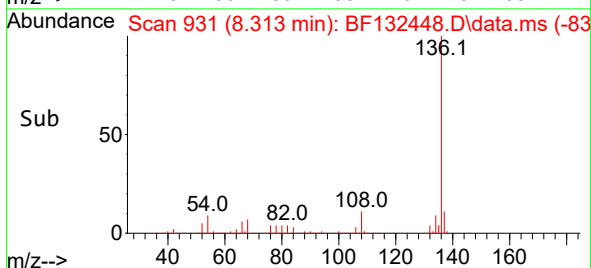
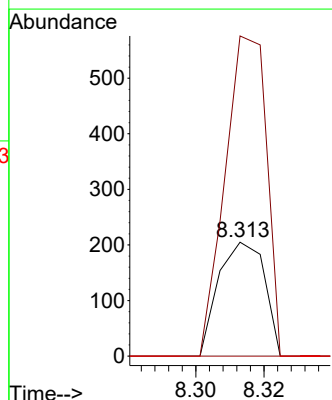
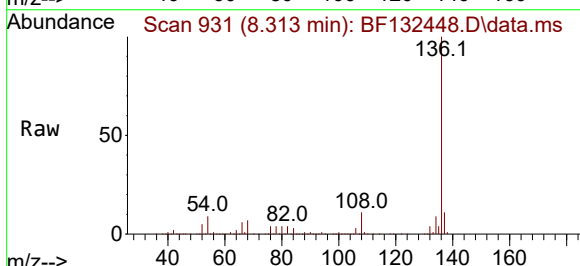
Instrument :
BNA_F
ClientSampleId :
PB150843TB

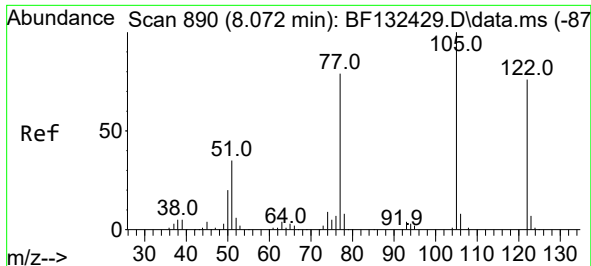
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
107 0.0 99.9 149.9#
121 0.0 45.9 68.9#



#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.253 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 93 Resp: 191
Ion Ratio Lower Upper
93 100
95 281.0 26.5 39.7#
123 0.0 9.0 13.4#



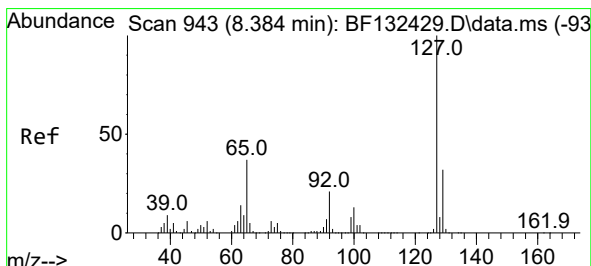
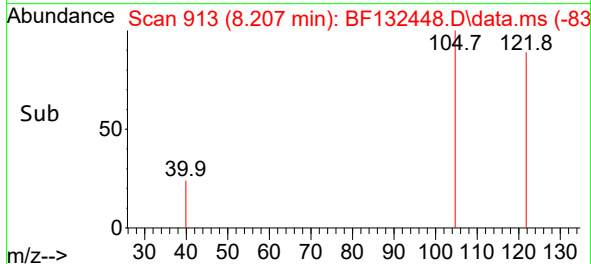
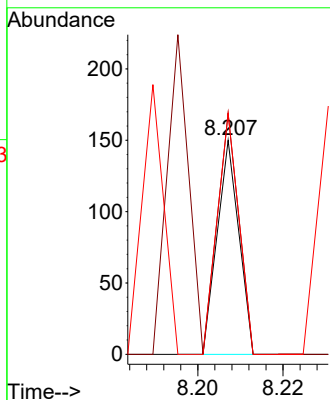
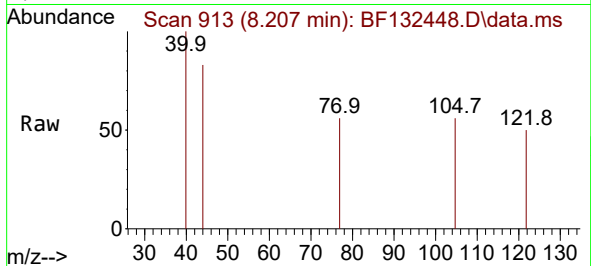


#32
Benzoic acid
Concen: 7.155 ng
RT: 8.207 min Scan# 913
Delta R.T. 0.135 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

Tgt Ion:122 Resp: 53

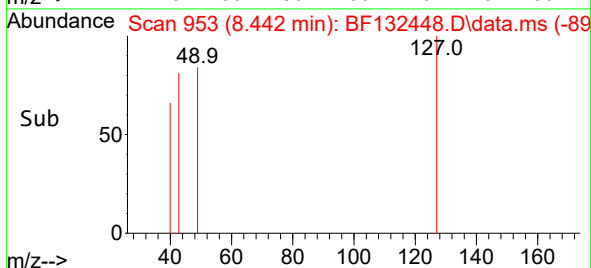
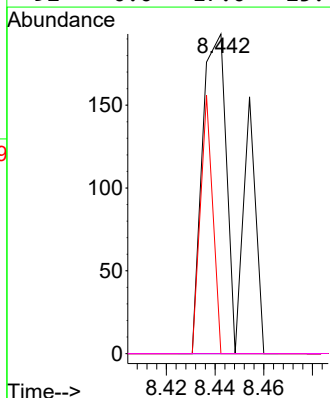
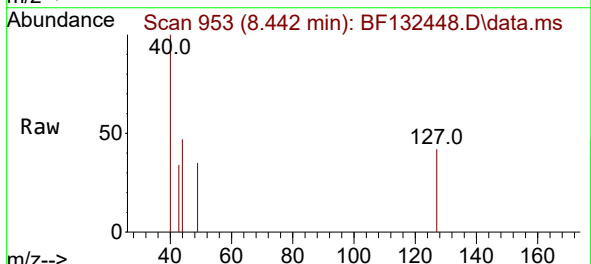
Ion	Ratio	Lower	Upper
122	100		
105	112.7	109.7	149.7
77	112.7	83.8	123.8

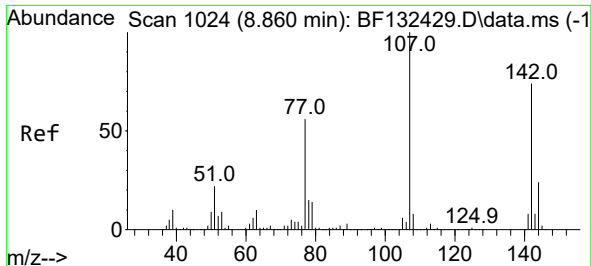


#33
4-Chloroaniline
Concen: 0.011 ng
RT: 8.442 min Scan# 953
Delta R.T. 0.059 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:127 Resp: 185

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	29.8	44.6#
92	0.0	17.0	25.4#





#36

4-Chloro-3-methylphenol

Concen: 0.052 ng

RT: 8.872 min Scan# 1026

Delta R.T. 0.012 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

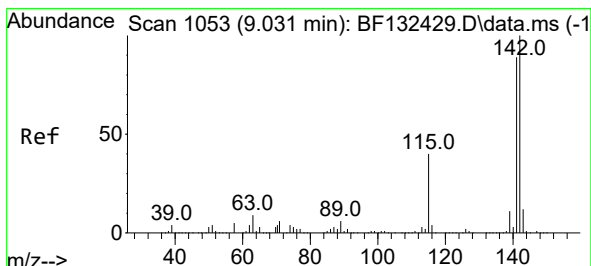
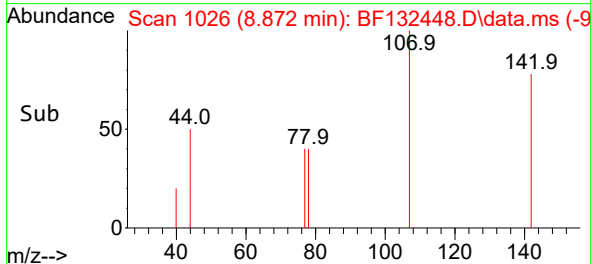
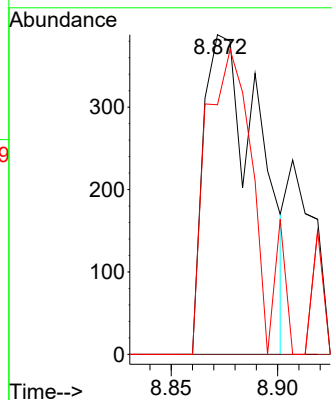
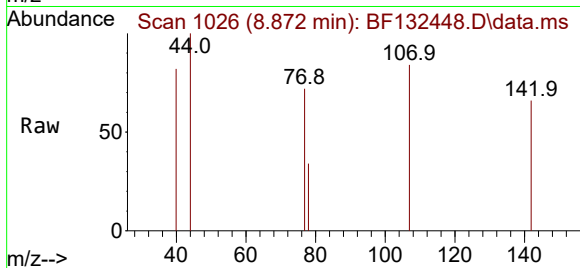
Tgt Ion:107 Resp: 711

Ion Ratio Lower Upper

107 100

144 0.0 18.8 28.2#

142 78.1 58.8 88.2



#37

2-Methylnaphthalene

Concen: 0.002 ng

RT: 8.919 min Scan# 1034

Delta R.T. -0.112 min

Lab File: BF132448.D

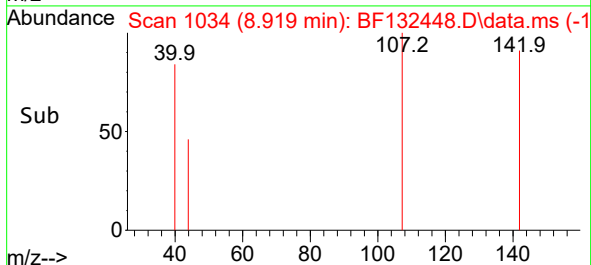
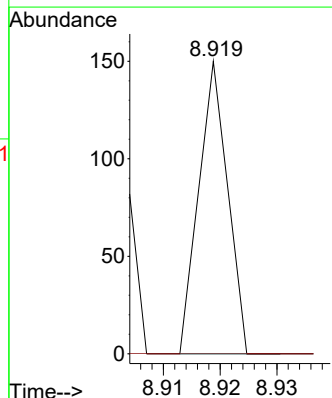
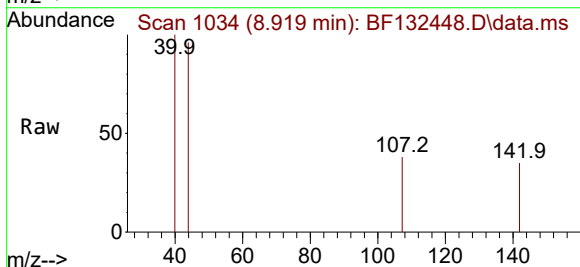
Acq: 17 Feb 2023 11:29

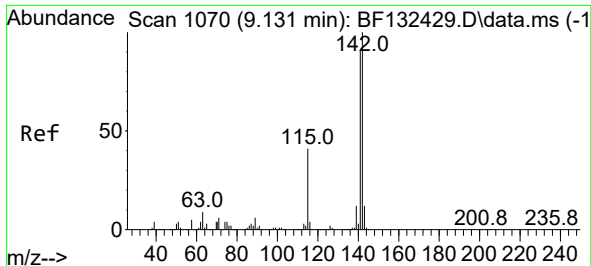
Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

142 100

141 0.0 71.2 106.8#





#38

1-Methylnaphthalene

Concen: 0.046 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.264 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

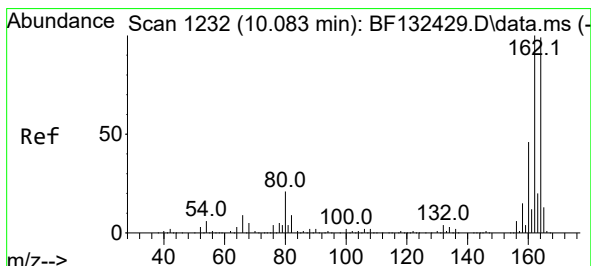
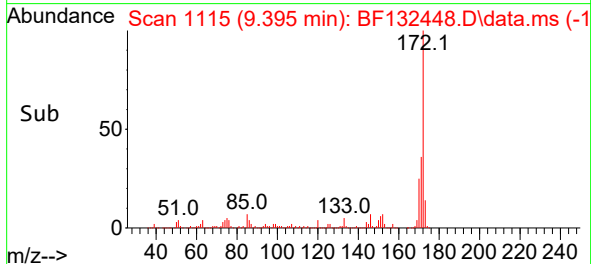
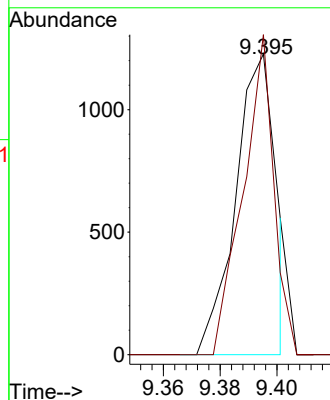
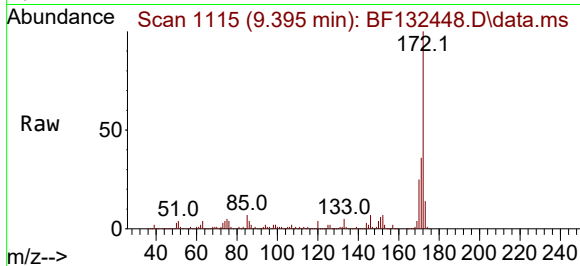
PB150843TB

Tgt Ion:142 Resp: 1225

Ion Ratio Lower Upper

142 100

141 106.4 72.7 109.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

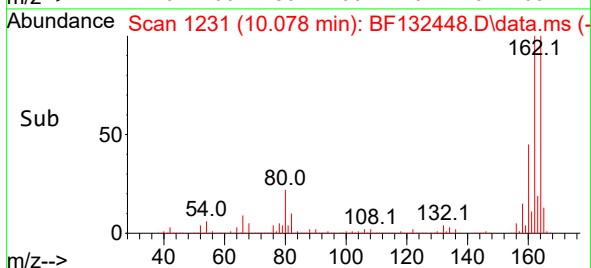
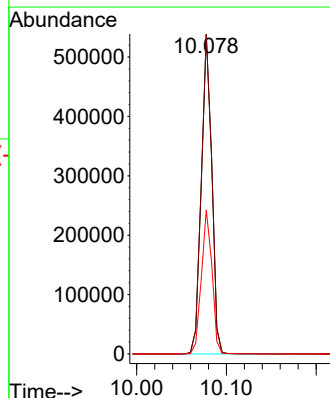
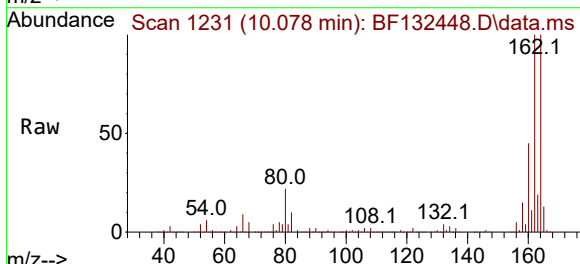
Tgt Ion:164 Resp: 435084

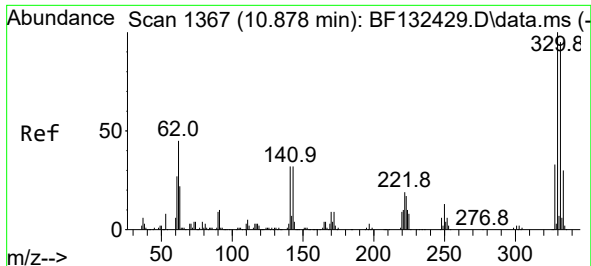
Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

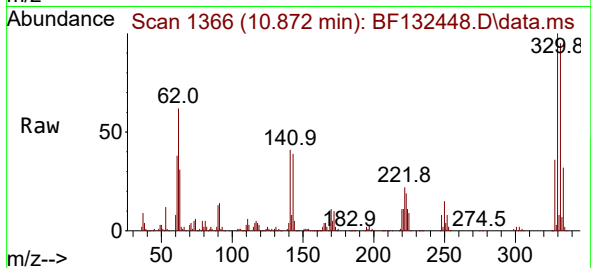
160 45.1 37.2 55.8



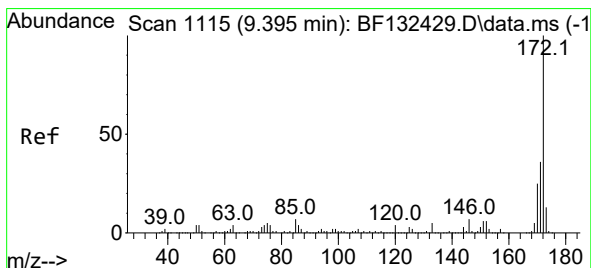
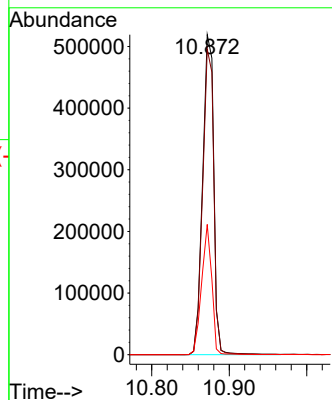
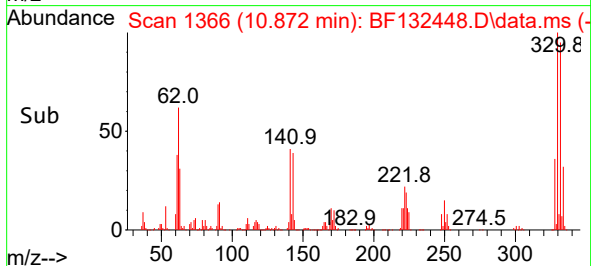


#42
2,4,6-Tribromophenol
Concen: 119.479 ng
RT: 10.872 min Scan# 11366
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB150843TB

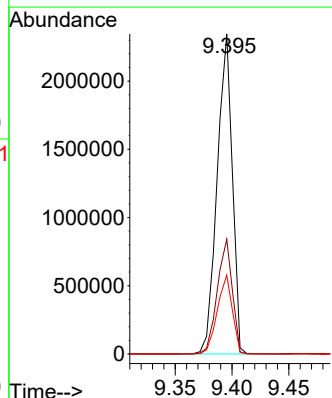
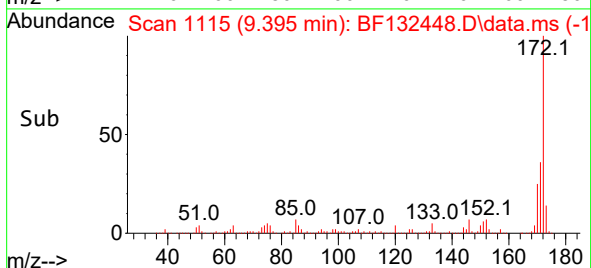
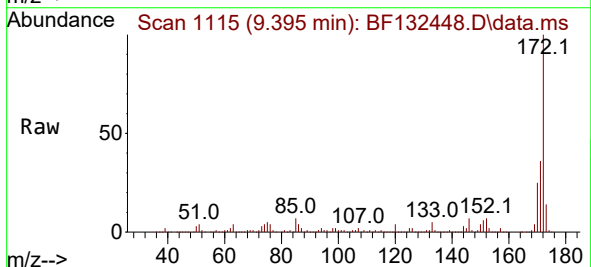


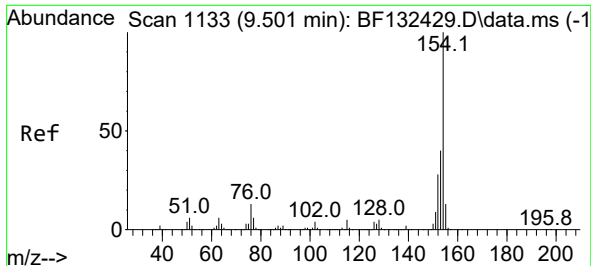
Tgt Ion:330 Resp: 518658
Ion Ratio Lower Upper
330 100
332 95.3 76.3 114.5
141 37.2 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 77.340 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:172 Resp: 2178944
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.7 19.9 29.9





#46

1,1'-Biphenyl

Concen: 0.124 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.106 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

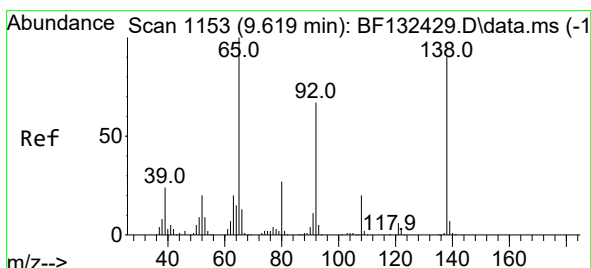
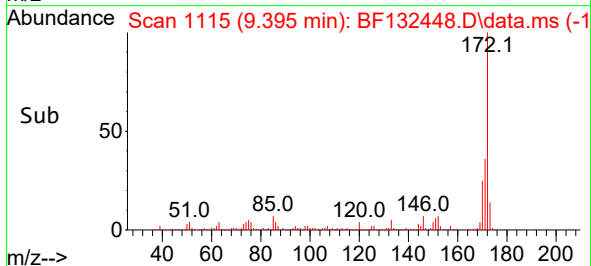
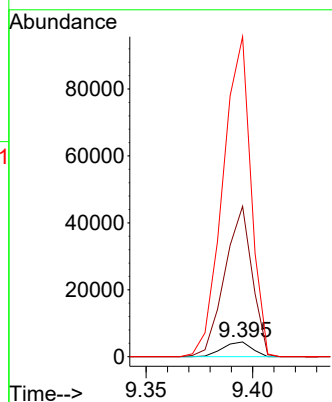
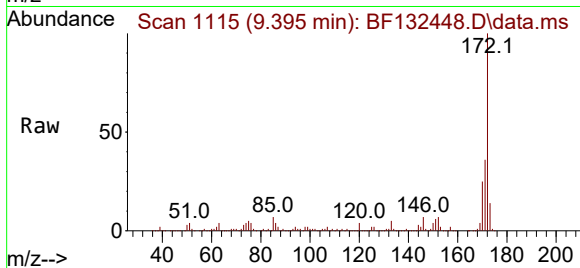
Tgt Ion:154 Resp: 4165

Ion Ratio Lower Upper

154 100

153 1027.1 20.2 60.2#

76 2184.2 0.0 33.3#



#48

2-Nitroaniline

Concen: 0.428 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.224 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

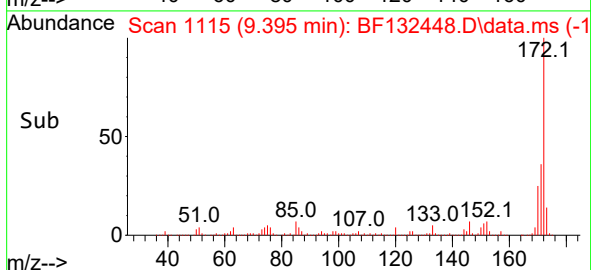
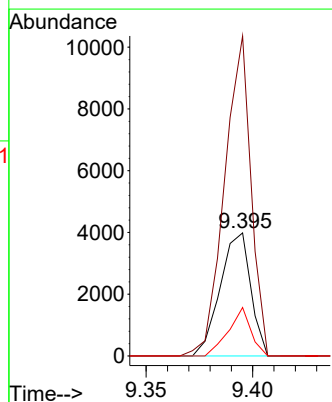
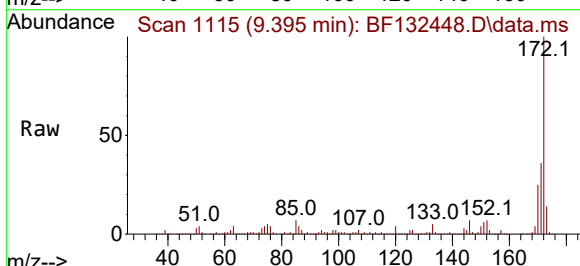
Tgt Ion: 65 Resp: 3969

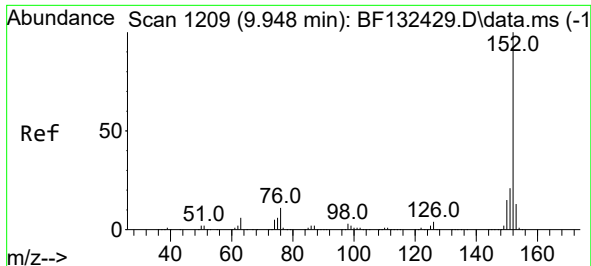
Ion Ratio Lower Upper

65 100

92 260.2 53.5 80.3#

138 39.4 72.2 108.4#





#49

Acenaphthylene

Concen: 0.001 ng

RT: 10.101 min Scan# 1235

Delta R.T. 0.153 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

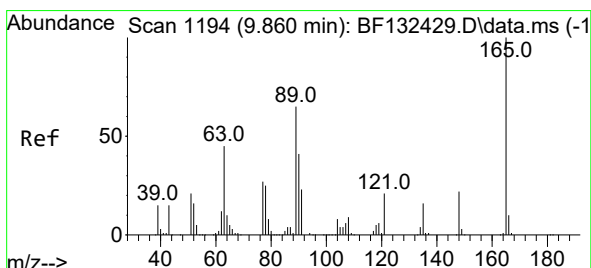
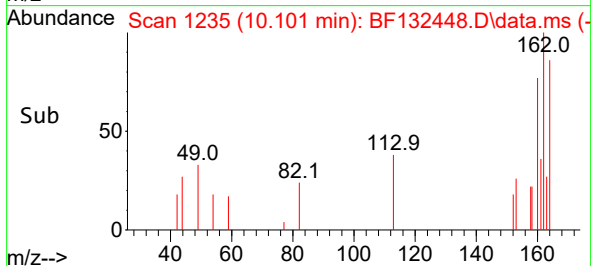
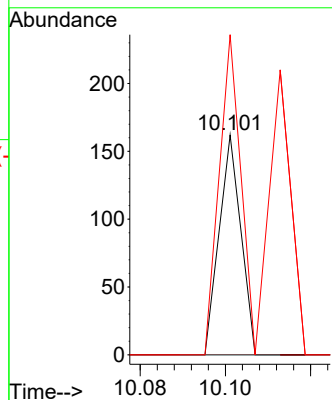
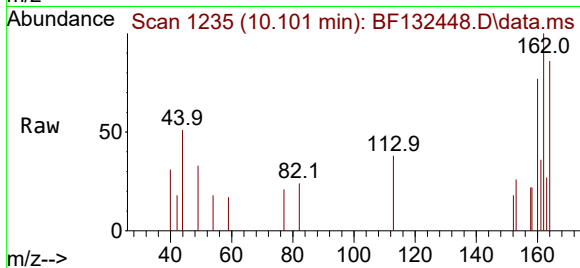
Tgt Ion:152 Resp: 57

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

153 145.7 10.7 16.1#



#51

2,6-Dinitrotoluene

Concen: 7.919 ng

RT: 10.078 min Scan# 1231

Delta R.T. 0.218 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

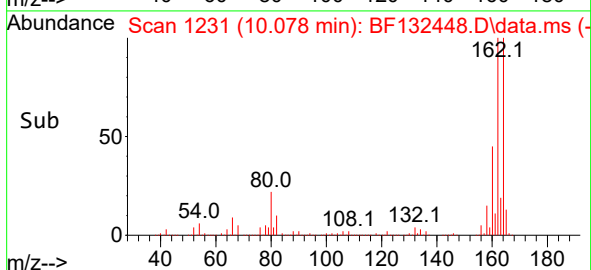
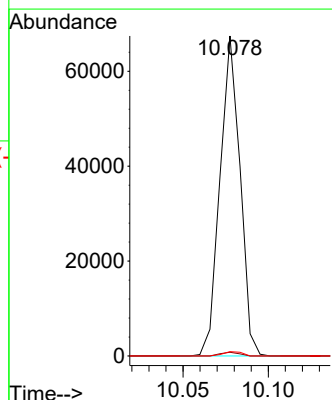
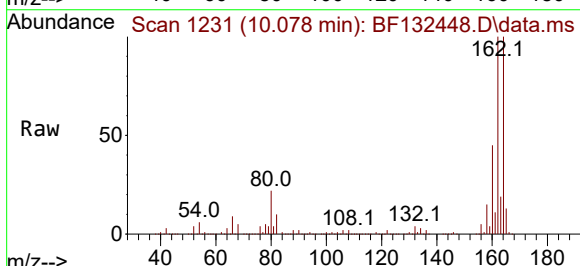
Tgt Ion:165 Resp: 55176

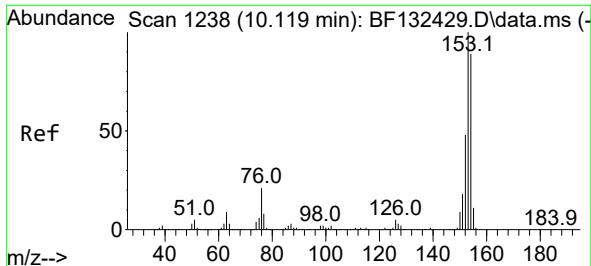
Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

89 1.3 52.2 78.2#

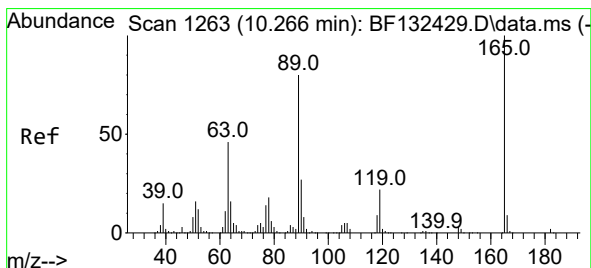
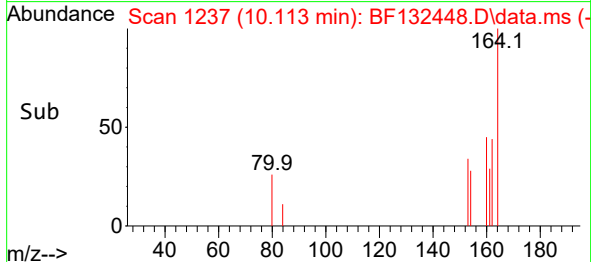
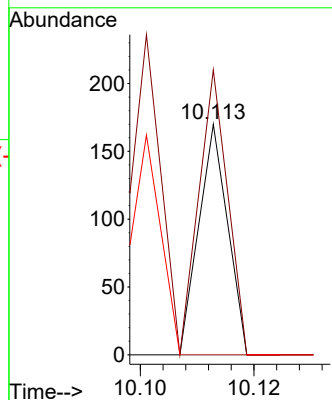
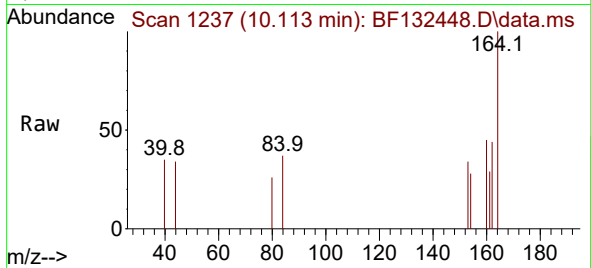




#52
Acenaphthene
Concen: 0.002 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

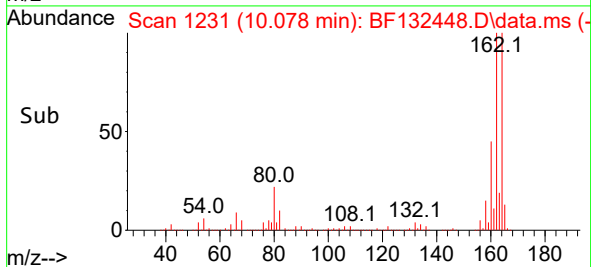
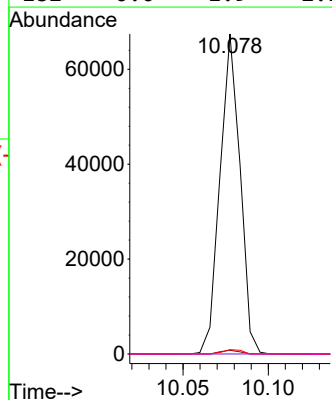
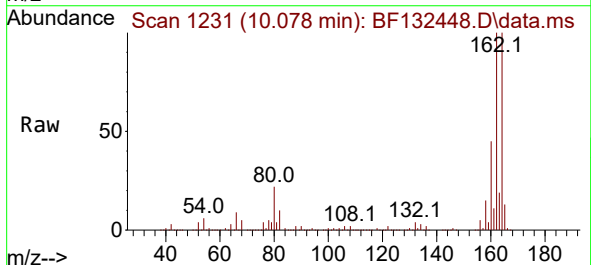
Instrument :
BNA_F
ClientSampleId :
PB150843TB

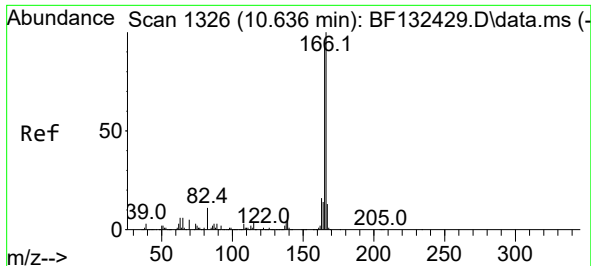
Tgt Ion:154 Resp: 60
Ion Ratio Lower Upper
154 100
153 123.5 89.7 134.5
152 0.0 43.4 65.0#



#57
2,4-Dinitrotoluene
Concen: 6.015 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.188 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:165 Resp: 55176
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.3 63.6 95.4#
182 0.0 1.9 2.9#

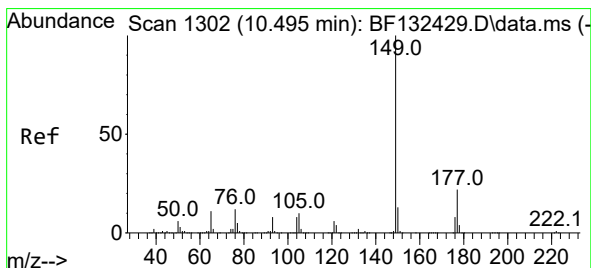
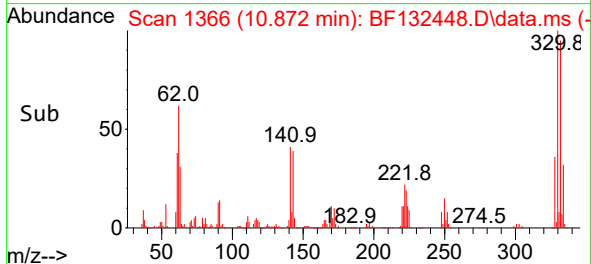
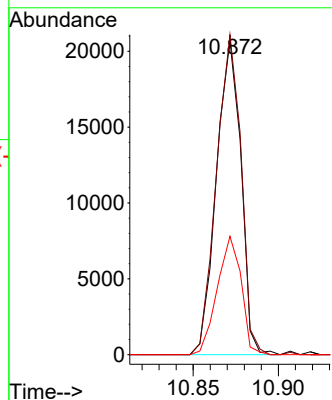
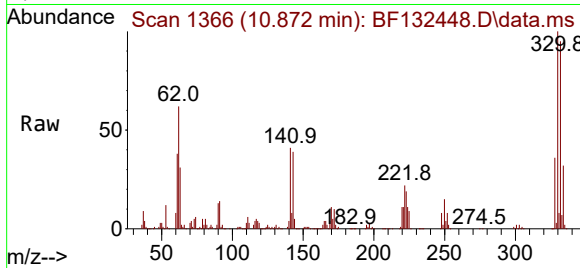




#58
Fluorene
Concen: 0.705 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.235 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

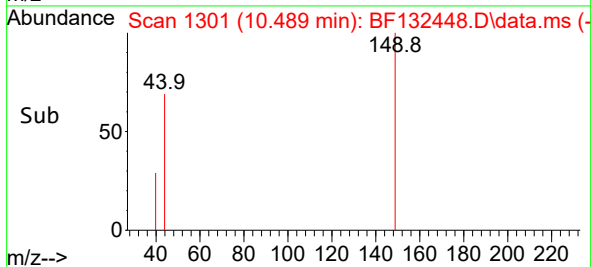
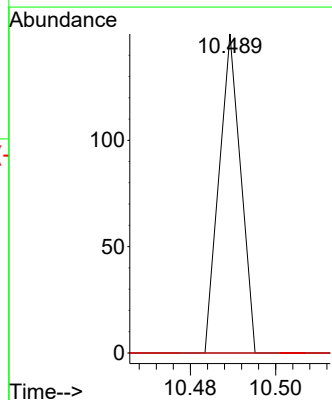
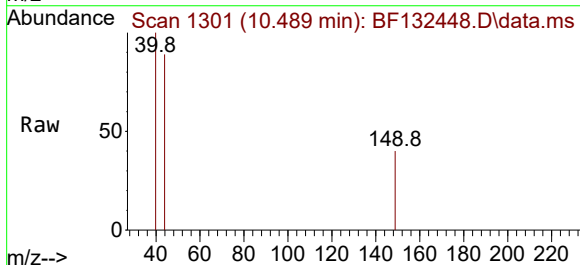
Instrument :
BNA_F
ClientSampleId :
PB150843TB

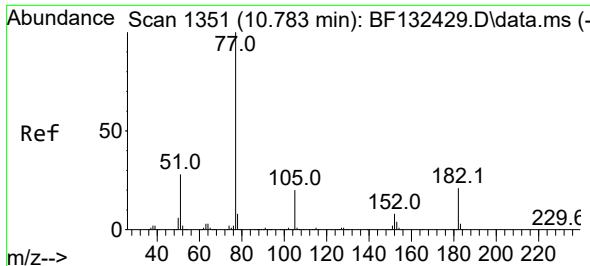
Tgt Ion:166 Resp: 20680
Ion Ratio Lower Upper
166 100
165 101.9 74.6 111.8
167 37.7 10.8 16.2#



#60
Diethylphthalate
Concen: 0.002 ng
RT: 10.489 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:149 Resp: 53
Ion Ratio Lower Upper
149 100
177 0.0 17.8 26.8#
150 0.0 10.0 15.0#

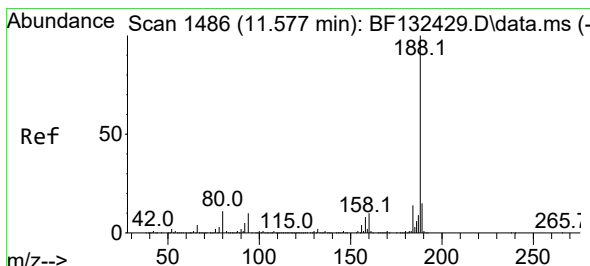
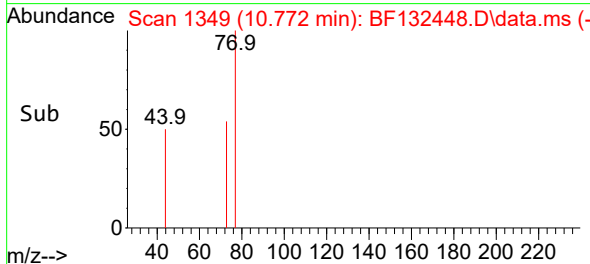
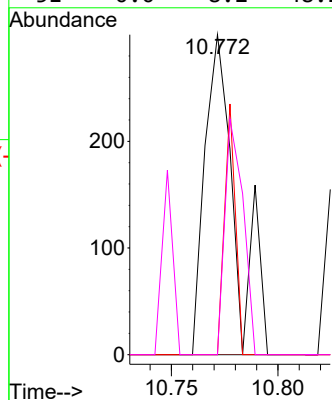
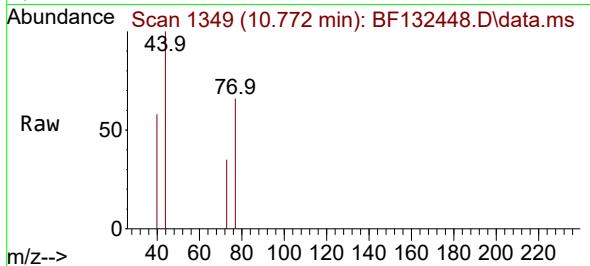




#63
Azobenzene
Concen: 0.009 ng
RT: 10.772 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

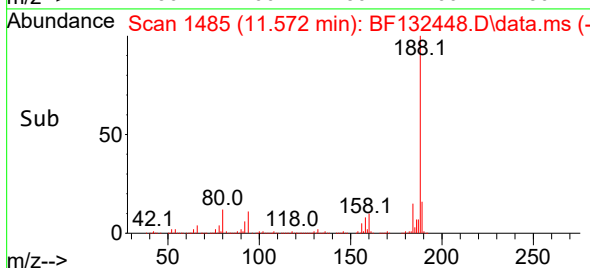
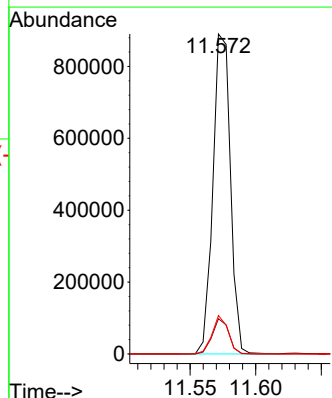
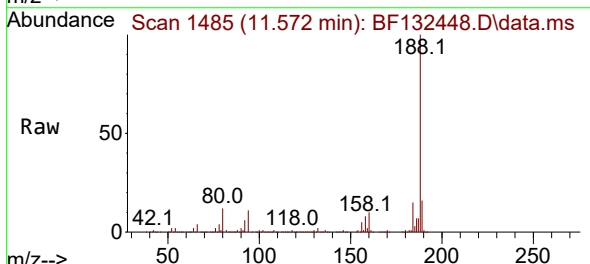
Instrument :
BNA_F
ClientSampleId :
PB150843TB

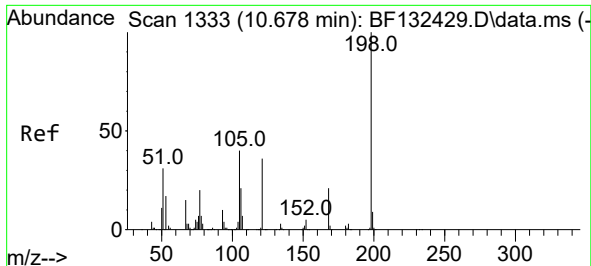
Tgt Ion: 77	Resp: 299
Ion Ratio	Lower Upper
77	100
182	0.0 1.4 41.4#
105	0.0 0.1 40.1#
51	0.0 8.2 48.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion: 188	Resp: 826894
Ion Ratio	Lower Upper
188	100
94	11.0 8.0 12.0
80	12.0 8.6 12.8

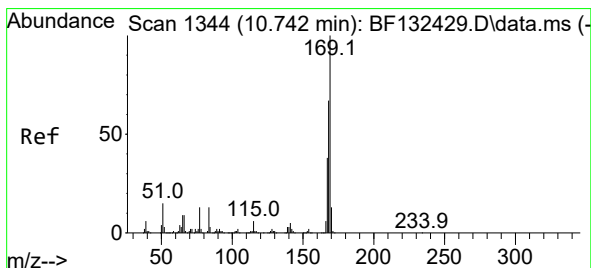
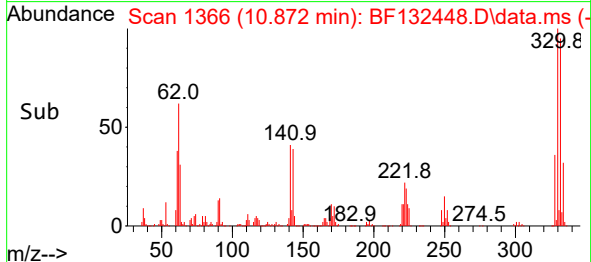
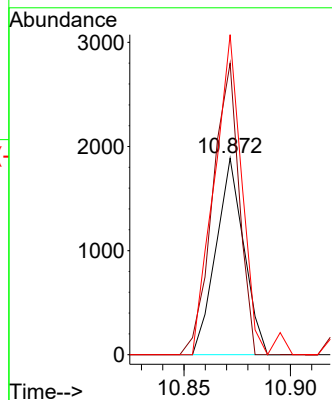
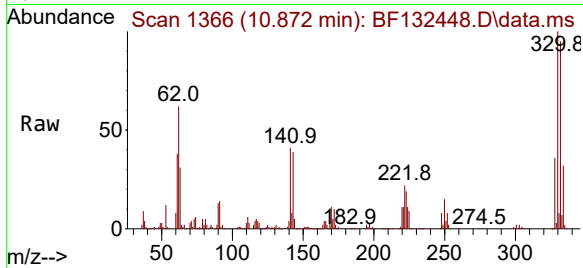




#65
4,6-Dinitro-2-methylphenol
Concen: 0.335 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.194 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

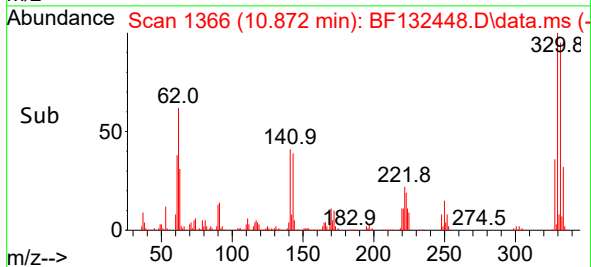
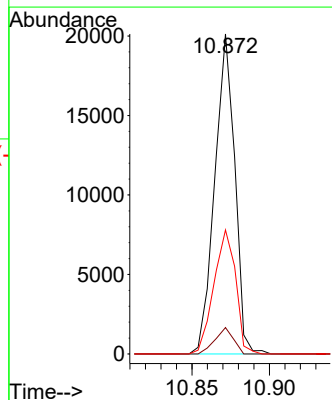
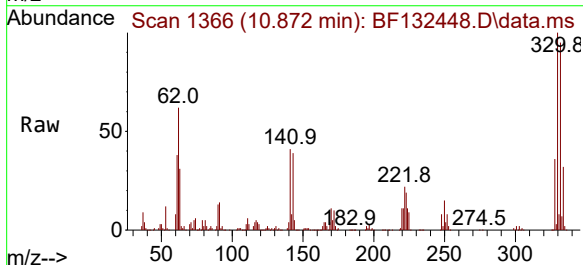
Instrument :
BNA_F
ClientSampleId :
PB150843TB

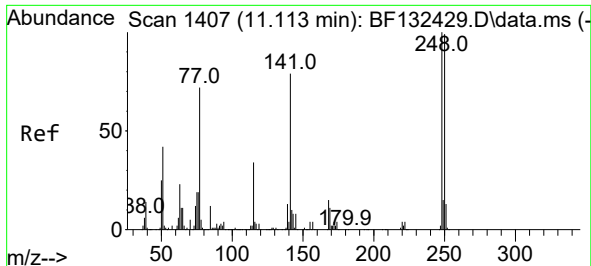
Tgt Ion:198 Resp: 1722
Ion Ratio Lower Upper
198 100
51 148.4 17.4 57.4#
105 162.9 21.3 61.3#



#66
n-Nitrosodiphenylamine
Concen: 0.712 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.129 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:169 Resp: 18073
Ion Ratio Lower Upper
169 100
168 8.2 53.5 80.3#
167 38.8 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 4.013 ng

RT: 10.872 min Scan# 1

Delta R.T. -0.241 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

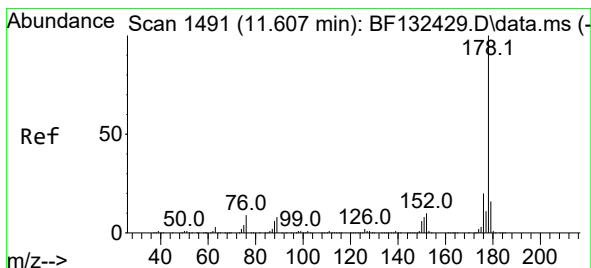
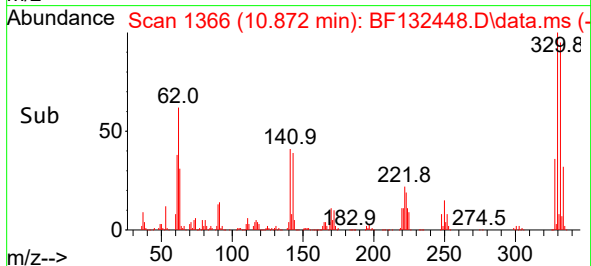
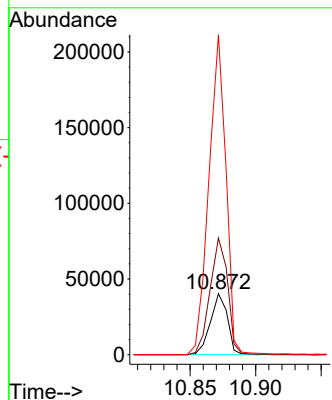
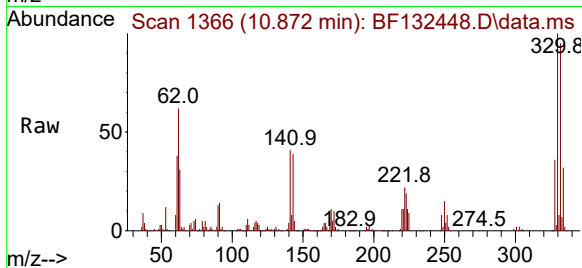
Tgt Ion:248 Resp: 36367

Ion Ratio Lower Upper

248 100

250 191.6 79.0 118.4#

141 525.4 63.3 94.9#



#71

Phenanthrene

Concen: 0.010 ng

RT: 11.577 min Scan# 1486

Delta R.T. -0.029 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

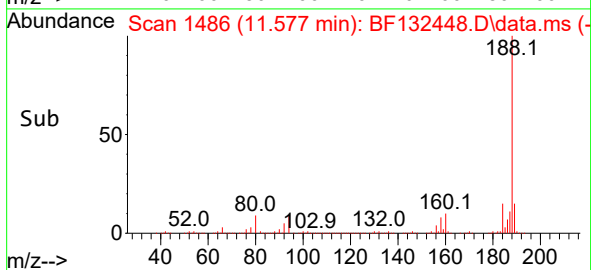
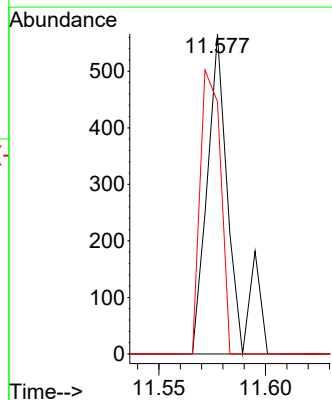
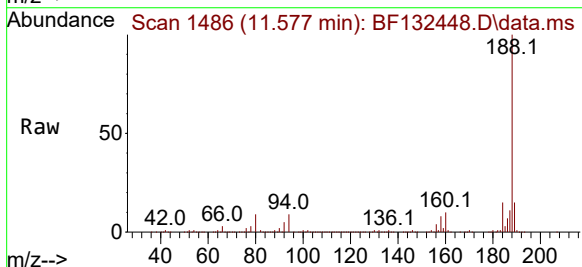
Tgt Ion:178 Resp: 426

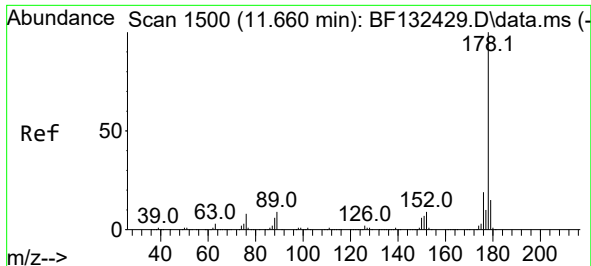
Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.2#

179 78.8 12.6 18.8#

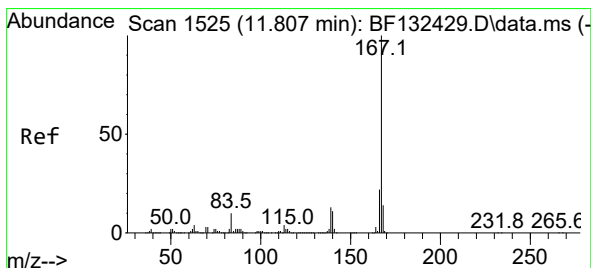
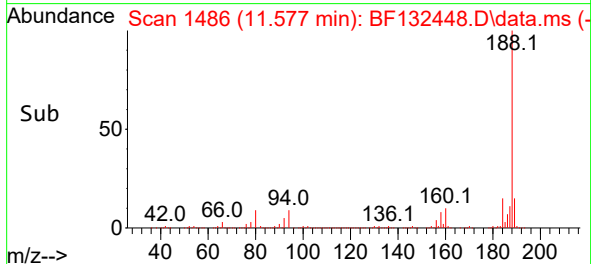
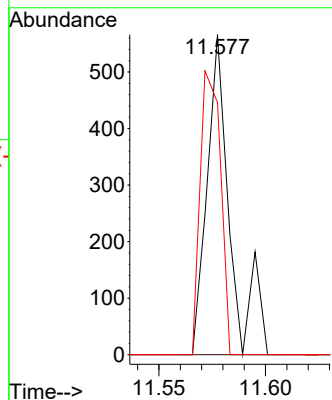
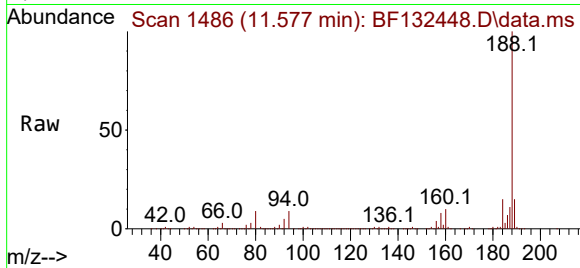




#72
 Anthracene
 Concen: 0.010 ng
 RT: 11.577 min Scan# 1486
 Delta R.T. -0.082 min
 Lab File: BF132448.D
 Acq: 17 Feb 2023 11:29

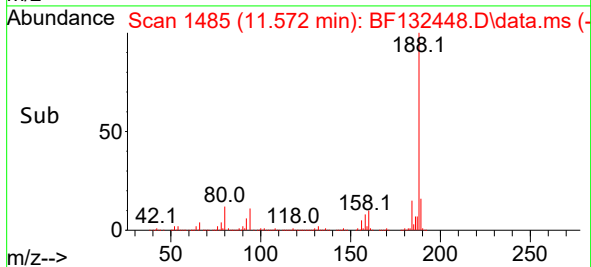
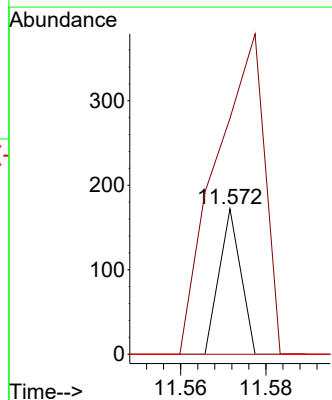
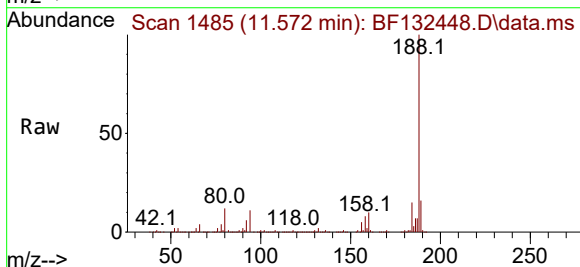
Instrument :
 BNA_F
 ClientSampleId :
 PB150843TB

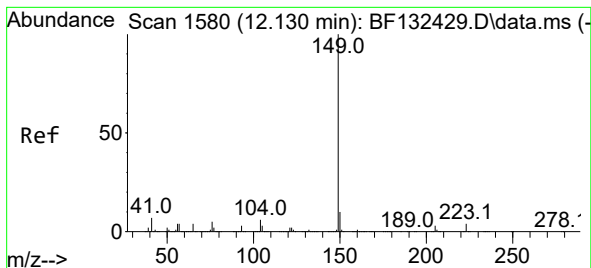
Tgt Ion:178 Resp: 426
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 78.8 12.4 18.6#



#73
 Carbazole
 Concen: 0.002 ng
 RT: 11.572 min Scan# 1485
 Delta R.T. -0.235 min
 Lab File: BF132448.D
 Acq: 17 Feb 2023 11:29

Tgt Ion:167 Resp: 61
 Ion Ratio Lower Upper
 167 100
 166 162.2 17.8 26.8#
 139 0.0 10.7 16.1#





#74

Di-n-butylphthalate

Concen: 0.011 ng

RT: 12.124 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

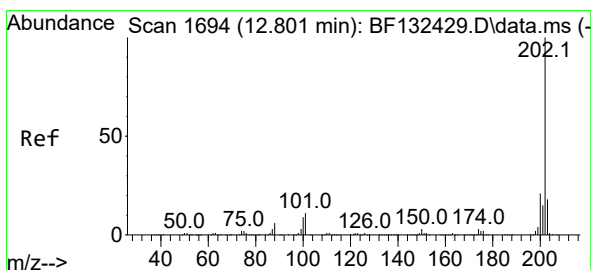
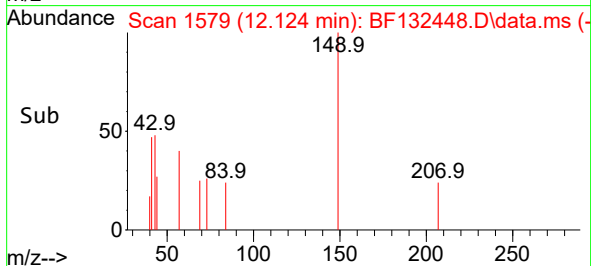
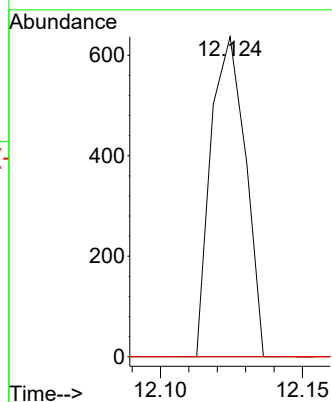
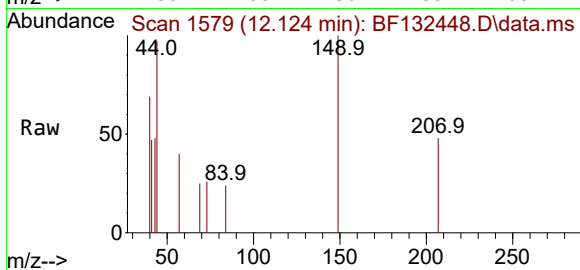
Tgt Ion:149 Resp: 539

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 4.5 6.7#



#75

Fluoranthene

Concen: 0.001 ng

RT: 12.795 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

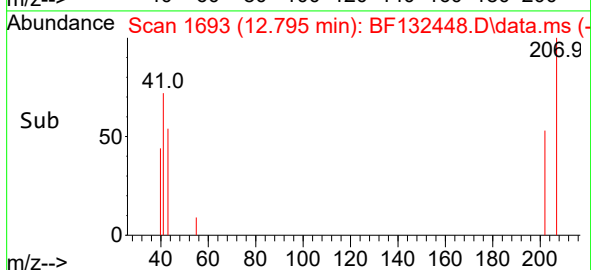
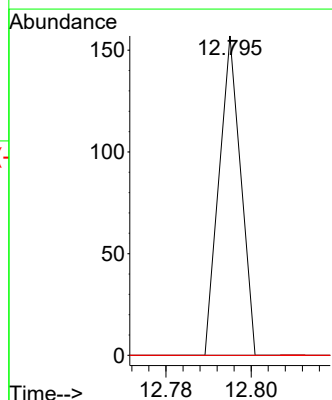
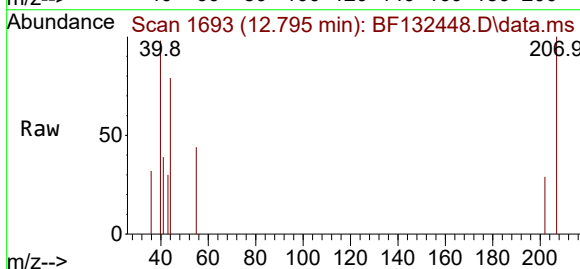
Tgt Ion:202 Resp: 55

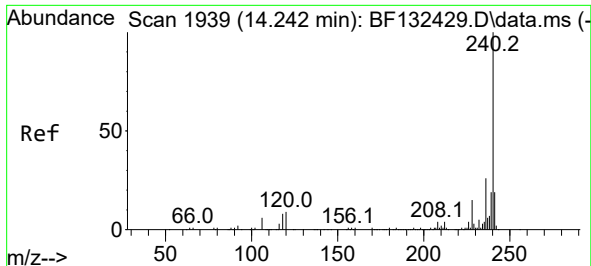
Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.3

203 0.0 0.0 37.8

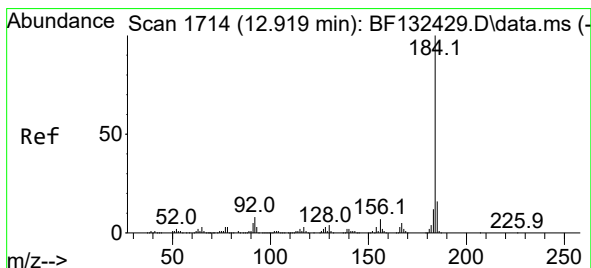
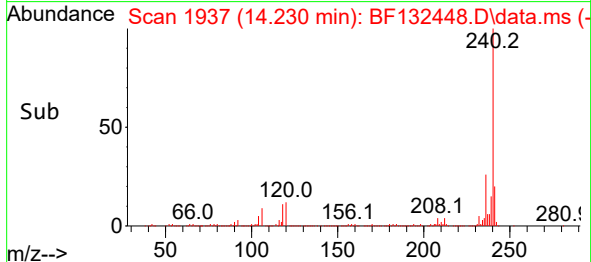
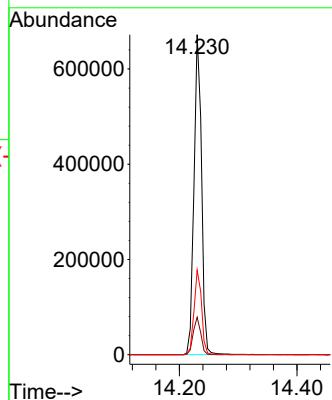
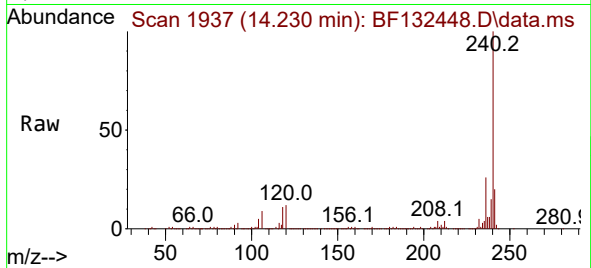




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

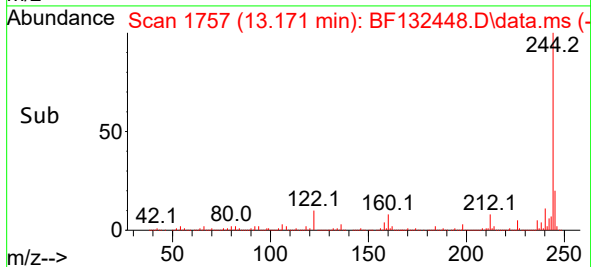
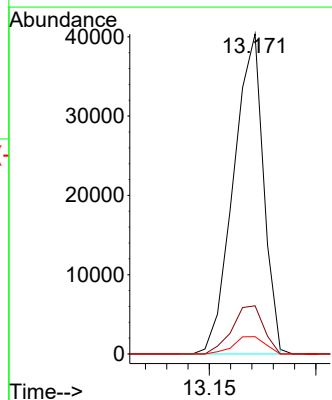
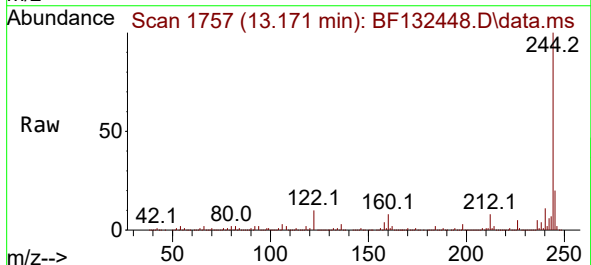
Instrument :
BNA_F
ClientSampleId :
PB150843TB

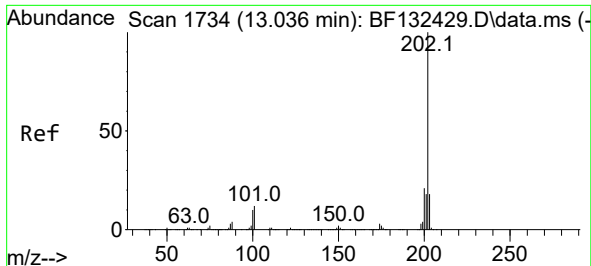
Tgt Ion:240 Resp: 602233
Ion Ratio Lower Upper
240 100
120 11.7 7.5 11.3#
236 26.5 21.0 31.6



#77
Benzidine
Concen: 3.078 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:184 Resp: 39476
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 5.4 9.2 13.8#

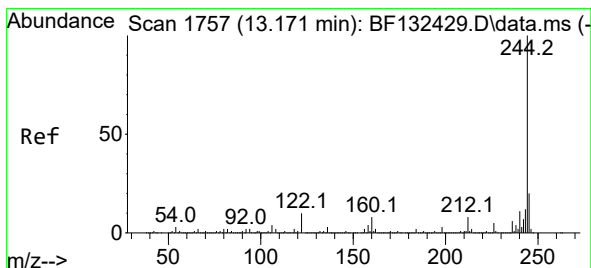
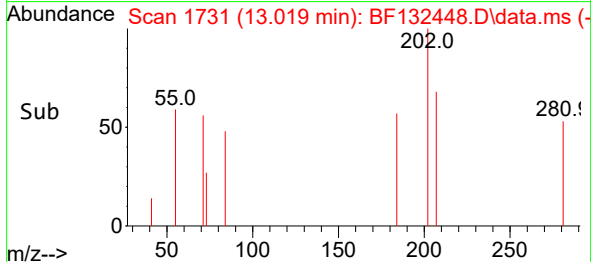
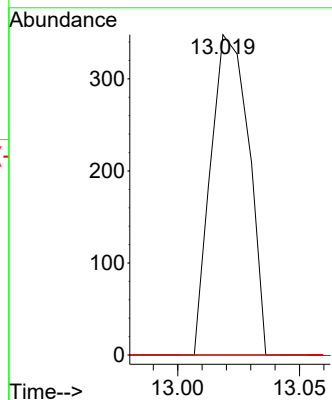
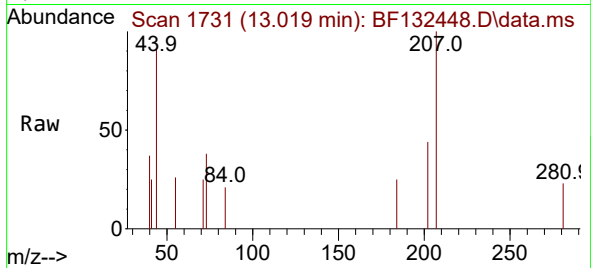




#78
 Pyrene
 Concen: 0.007 ng
 RT: 13.019 min Scan# 1731
 Delta R.T. -0.018 min
 Lab File: BF132448.D
 Acq: 17 Feb 2023 11:29

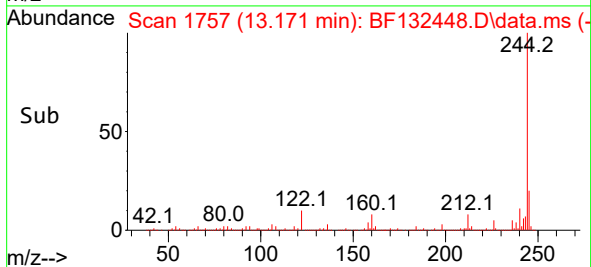
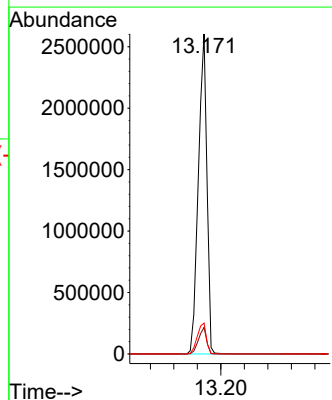
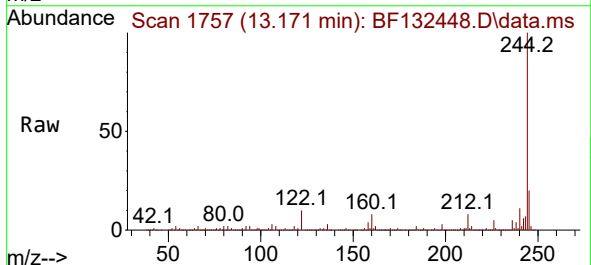
Instrument :
 BNA_F
 ClientSampleId :
 PB150843TB

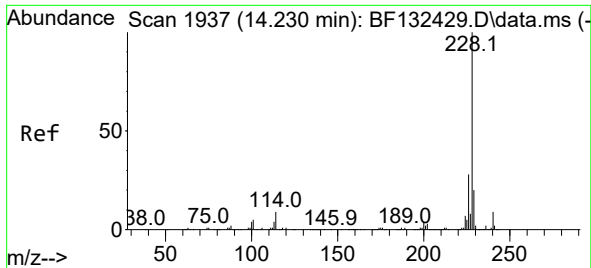
Tgt Ion:202 Resp: 377
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.6 25.0#
 203 0.0 14.3 21.5#



#79
 Terphenyl-d14
 Concen: 79.465 ng
 RT: 13.171 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BF132448.D
 Acq: 17 Feb 2023 11:29

Tgt Ion:244 Resp: 2627730
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 9.7 7.7 11.5

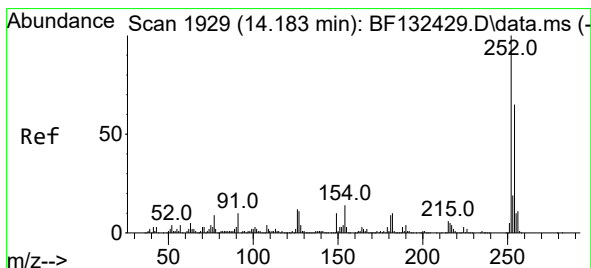
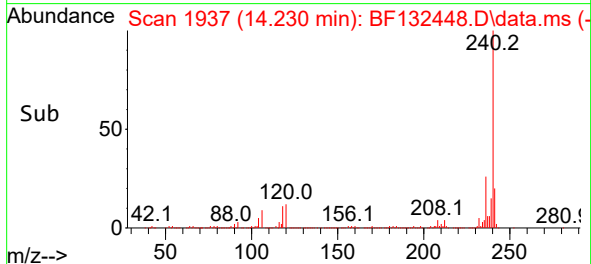
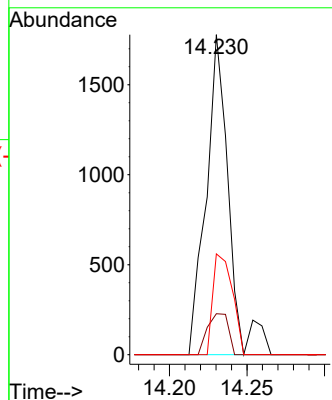
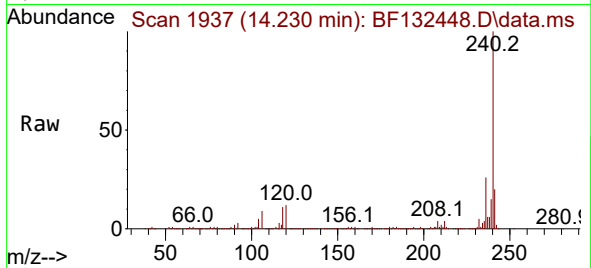




#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

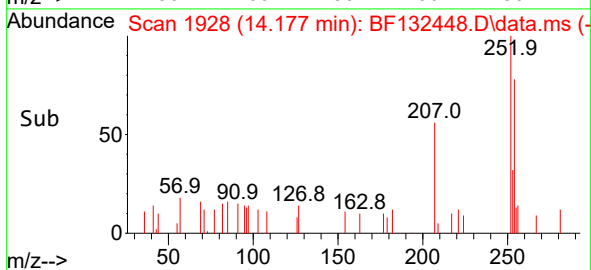
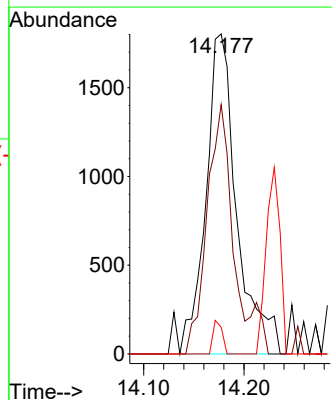
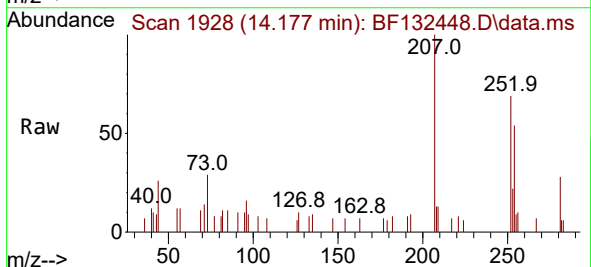
Instrument :
BNA_F
ClientSampleId :
PB150843TB

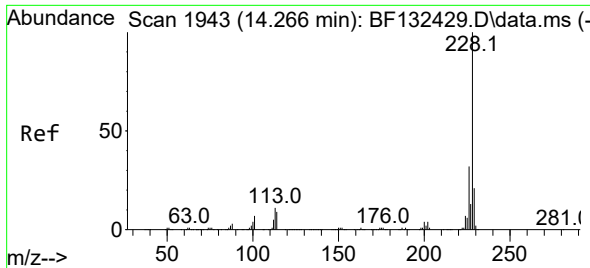
Tgt Ion:228 Resp: 1806
Ion Ratio Lower Upper
228 100
226 12.8 22.6 34.0#
229 31.5 16.2 24.4#



#82
3,3'-Dichlorobenzidine
Concen: 0.329 ng
RT: 14.177 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:252 Resp: 3880
Ion Ratio Lower Upper
252 100
254 77.9 52.2 78.2
126 8.4 9.6 14.4#

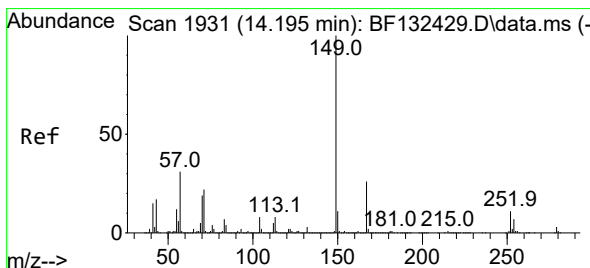
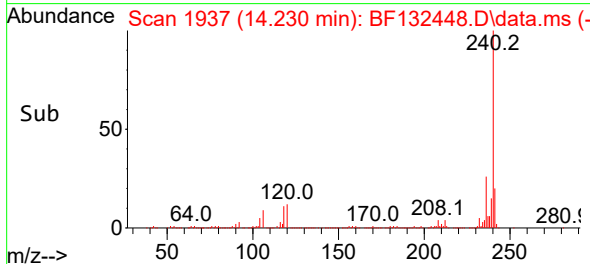
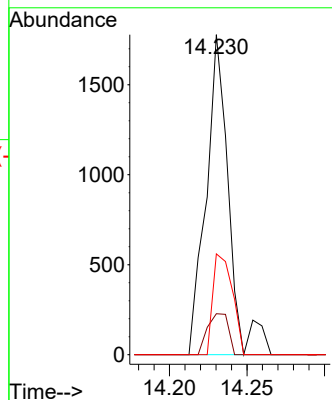
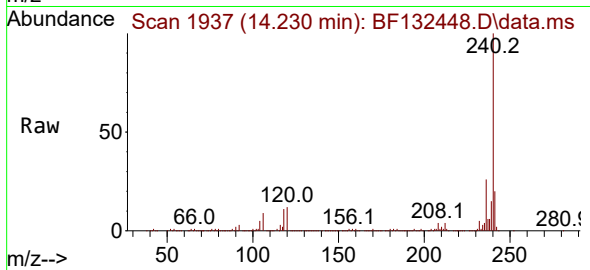




#83
Chrysene
Concen: 0.043 ng
RT: 14.230 min Scan# 1943
Delta R.T. -0.035 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

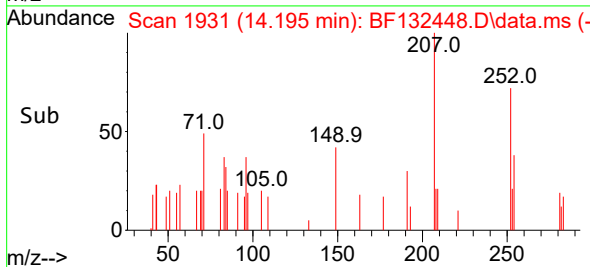
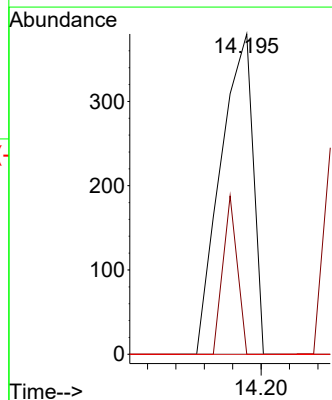
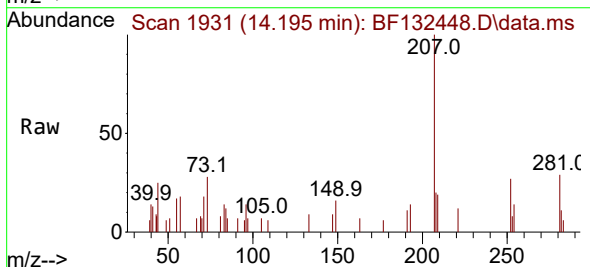
Instrument :
BNA_F
ClientSampleId :
PB150843TB

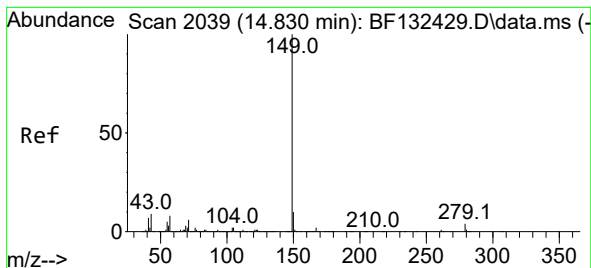
Tgt Ion:228 Resp: 1806
Ion Ratio Lower Upper
228 100
226 12.8 25.4 38.2#
229 31.5 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.012 ng
RT: 14.195 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF132448.D
Acq: 17 Feb 2023 11:29

Tgt Ion:149 Resp: 301
Ion Ratio Lower Upper
149 100
167 0.0 21.0 31.6#
279 0.0 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 14.836 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

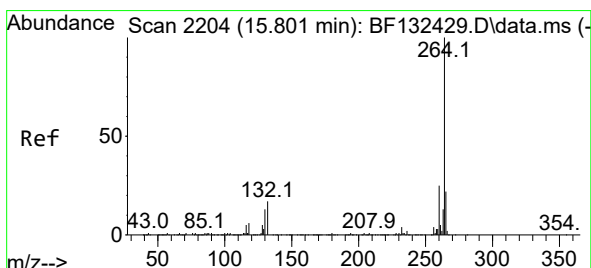
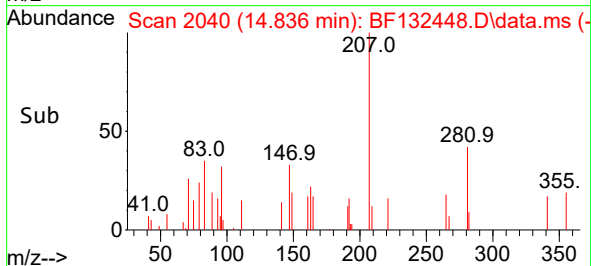
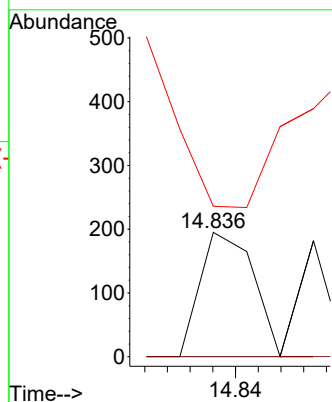
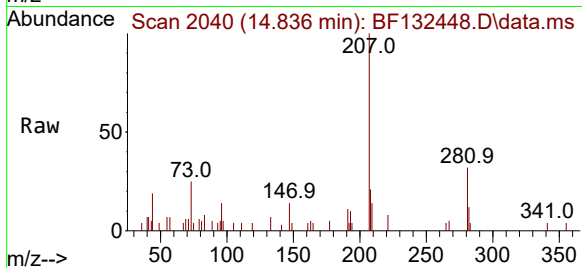
Tgt Ion:149 Resp: 127

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 175.6 8.0 12.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.795 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

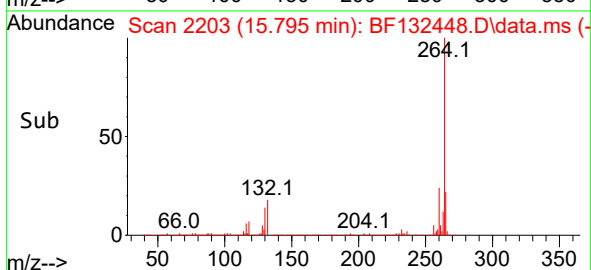
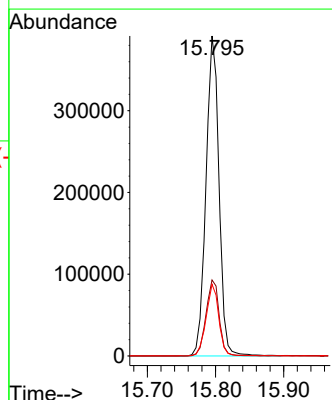
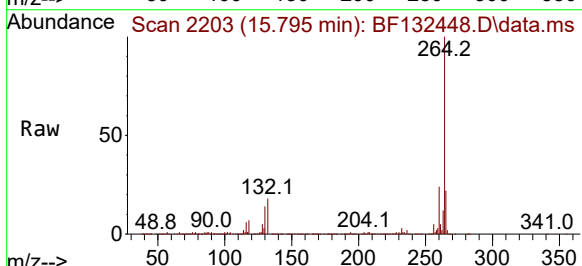
Tgt Ion:264 Resp: 520288

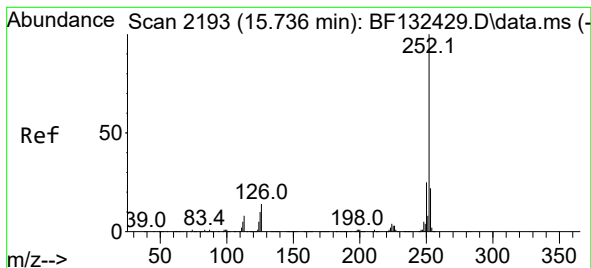
Ion Ratio Lower Upper

264 100

260 23.8 20.0 30.0

265 22.4 17.2 25.8





#90

Benzo(a)pyrene

Concen: 0.002 ng

RT: 15.712 min Scan# 2193

Delta R.T. -0.024 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB150843TB

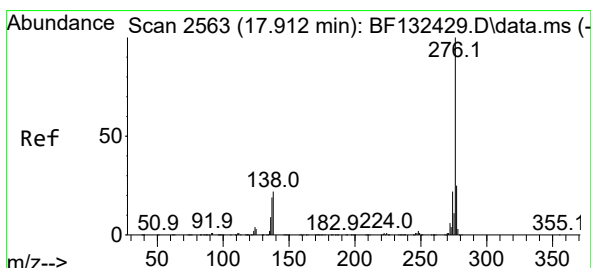
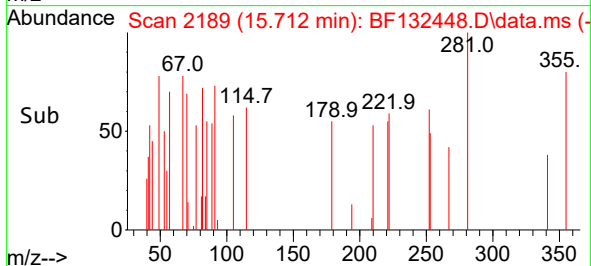
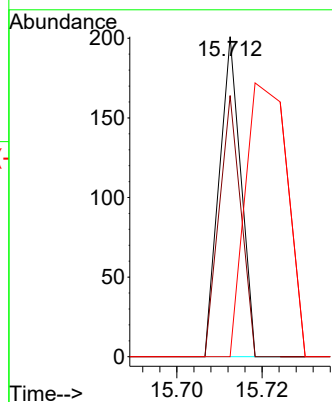
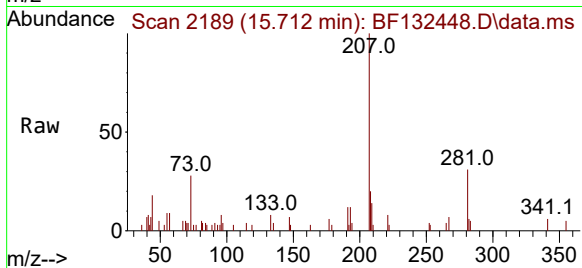
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 81.6 17.6 26.4#

125 0.0 8.2 12.4#



#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 17.877 min Scan# 2557

Delta R.T. -0.035 min

Lab File: BF132448.D

Acq: 17 Feb 2023 11:29

Tgt Ion:276 Resp: 58

Ion Ratio Lower Upper

276 100

277 0.0 19.6 29.4#

138 0.0 17.7 26.5#

