

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132123.D
 Acq On : 18 Jan 2023 17:47
 Operator : CG\JU
 Sample : PB150315BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150315BS

Quant Time: Jan 19 05:20:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	188780	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	689522	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	367139	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	721237	20.000	ng	0.00
76) Chrysene-d12	14.313	240	424557	20.000	ng	0.00
86) Perylene-d12	15.912	264	415622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1254640	118.241	ng	0.02
7) Phenol-d6	6.713	99	1619106	118.116	ng	0.00
23) Nitrobenzene-d5	7.666	82	1092807	84.125	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	512880	127.678	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1775788	84.156	ng	0.00
79) Terphenyl-d14	13.248	244	2141040	81.824	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	198024	35.633	ng	99
3) Pyridine	3.866	79	524859	35.271	ng	99
4) n-Nitrosodimethylamine	3.831	42	304256	42.309	ng	97
6) Aniline	6.760	93	672288	35.073	ng	100
8) 2-Chlorophenol	6.878	128	528980	46.841	ng	98
9) Benzaldehyde	6.648	77	202163	20.990	ng	99
10) Phenol	6.731	94	609446	43.207	ng	95
11) bis(2-Chloroethyl)ether	6.831	93	530304	44.210	ng	98
12) 1,3-Dichlorobenzene	7.042	146	558271	44.920	ng	100
13) 1,4-Dichlorobenzene	7.119	146	554641	44.586	ng	99
14) 1,2-Dichlorobenzene	7.272	146	536403	45.507	ng	97
15) Benzyl Alcohol	7.231	79	478852	43.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	802396	44.935	ng	99
17) 2-Methylphenol	7.337	107	416872	41.014	ng	99
18) Hexachloroethane	7.613	117	211799	46.195	ng	97
19) n-Nitroso-di-n-propyla...	7.507	70	352307	40.881	ng	97
20) 3+4-Methylphenols	7.489	107	521441	41.333	ng	98
22) Acetophenone	7.507	105	671306	42.206	ng	98
24) Nitrobenzene	7.684	77	573477	42.161	ng	99
25) Isophorone	7.919	82	1075085	41.362	ng	99
26) 2-Nitrophenol	7.995	139	260301	46.968	ng	98
27) 2,4-Dimethylphenol	8.025	122	471895	42.711	ng	100
28) bis(2-Chloroethoxy)met...	8.125	93	610966	40.990	ng	99
29) 2,4-Dichlorophenol	8.236	162	440919	42.586	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	494150	43.676	ng	100
31) Naphthalene	8.407	128	1397523	41.281	ng	99
32) Benzoic acid	8.137	122	327410	43.136	ng	99
33) 4-Chloroaniline	8.448	127	193861	13.042	ng	95
34) Hexachlorobutadiene	8.519	225	329541	44.167	ng	99
35) Caprolactam	8.825	113	89172	26.505	ng	95
36) 4-Chloro-3-methylphenol	8.919	107	456646	42.297	ng	97
37) 2-Methylnaphthalene	9.101	142	934641	39.646	ng	99
38) 1-Methylnaphthalene	9.201	142	868223	39.198	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	495878	42.023	ng	99
41) Hexachlorocyclopentadiene	9.254	237	628639	100.249	ng	100
43) 2,4,6-Trichlorophenol	9.372	196	341307	45.005	ng	100

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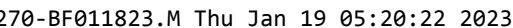
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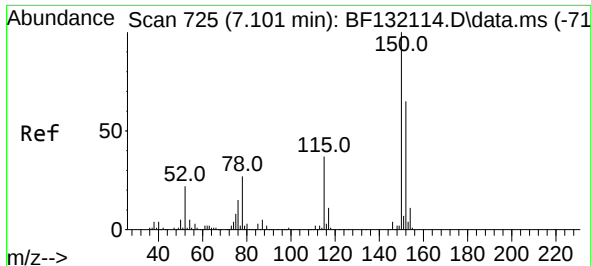
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	378123	40.801	ng	97
46) 1,1'-Biphenyl	9.566	154	1148991	42.388	ng	100
47) 2-Chloronaphthalene	9.595	162	904044	42.744	ng	99
48) 2-Nitroaniline	9.683	65	311017	43.134	ng	98
49) Acenaphthylene	10.013	152	1430485	41.737	ng	100
50) Dimethylphthalate	9.866	163	1098637	41.164	ng	99
51) 2,6-Dinitrotoluene	9.925	165	253922	44.724	ng	95
52) Acenaphthene	10.189	154	956141	46.068	ng	100
53) 3-Nitroaniline	10.095	138	169052	28.126	ng	97
54) 2,4-Dinitrophenol	10.201	184	258507	107.164	ng	# 85
55) Dibenzofuran	10.360	168	1307931	40.956	ng	99
56) 4-Nitrophenol	10.248	139	388895	90.563	ng	89
57) 2,4-Dinitrotoluene	10.336	165	321437	45.836	ng	# 83
58) Fluorene	10.707	166	966182	40.796	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.472	232	323643	44.369	ng	99
60) Diethylphthalate	10.566	149	1129045	42.248	ng	100
61) 4-Chlorophenyl-phenyle...	10.689	204	521515	40.969	ng	94
62) 4-Nitroaniline	10.719	138	229398	42.323	ng	97
63) Azobenzene	10.854	77	1073678	41.246	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	163834	48.847	ng	97
66) n-Nitrosodiphenylamine	10.813	169	899622	41.562	ng	100
67) 4-Bromophenyl-phenylether	11.189	248	346497	42.293	ng	97
68) Hexachlorobenzene	11.254	284	376265	45.648	ng	97
69) Atrazine	11.336	200	332872	45.696	ng	100
70) Pentachlorophenol	11.448	266	451611	79.747	ng	98
71) Phenanthrene	11.677	178	1523725	42.736	ng	99
72) Anthracene	11.730	178	1520377	41.938	ng	100
73) Carbazole	11.877	167	1356839	42.893	ng	100
74) Di-n-butylphthalate	12.201	149	1722532	44.841	ng	99
75) Fluoranthene	12.877	202	1674277	43.839	ng	99
77) Benzidine	12.989	184	522976	45.745	ng	98
78) Pyrene	13.107	202	1688945	41.561	ng	99
80) Butylbenzylphthalate	13.719	149	666961	46.561	ng	100
81) Benzo(a)anthracene	14.301	228	1294747	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	210845	26.712	ng	100
83) Chrysene	14.342	228	1211606	43.435	ng	100
84) Bis(2-ethylhexyl)phtha...	14.277	149	900483	48.069	ng	99
85) Di-n-octyl phthalate	14.918	149	1364880	55.557	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	1268531	51.801	ng	99
88) Benzo(b)fluoranthene	15.430	252	1239301	47.396	ng	99
89) Benzo(k)fluoranthene	15.465	252	1136483	43.449	ng	99
90) Benzo(a)pyrene	15.842	252	1056306	44.686	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1026356	52.159	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1071657	52.272	ng	99

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

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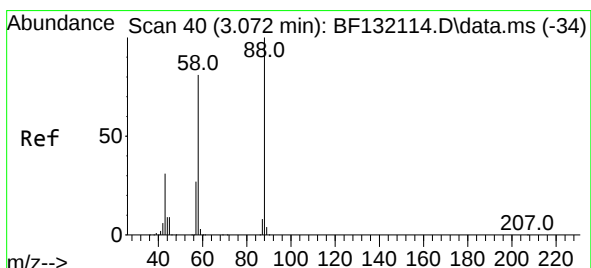
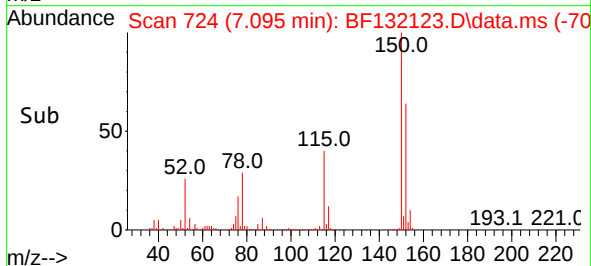
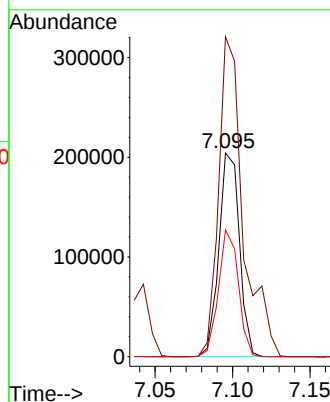
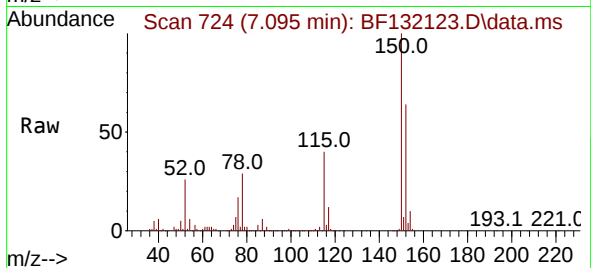




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

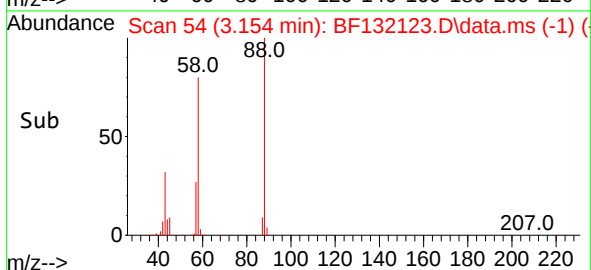
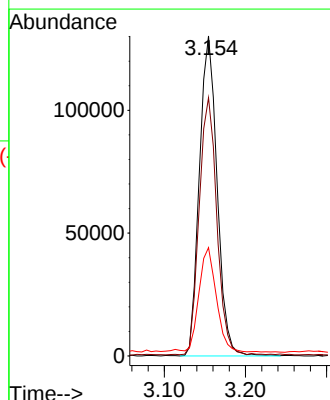
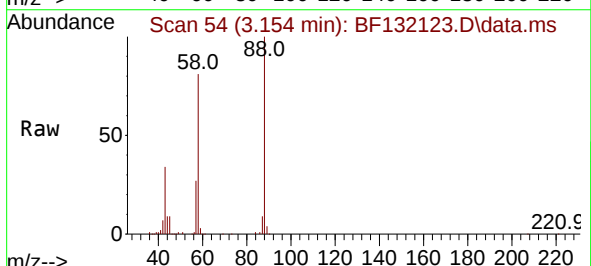
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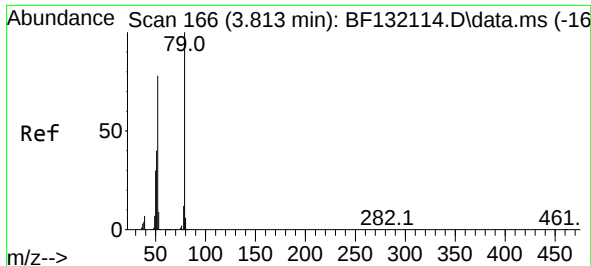
Tgt Ion:152 Resp: 188780
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.3 184.9
 115 62.3 45.8 68.6



#2
 1,4-Dioxane
 Concen: 35.633 ng
 RT: 3.154 min Scan# 54
 Delta R.T. 0.082 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

Tgt Ion: 88 Resp: 198024
 Ion Ratio Lower Upper
 88 100
 58 79.8 63.8 95.6
 43 32.3 24.7 37.1

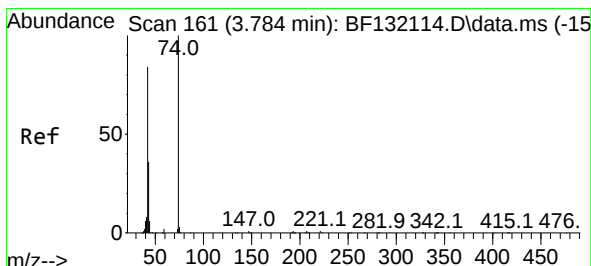
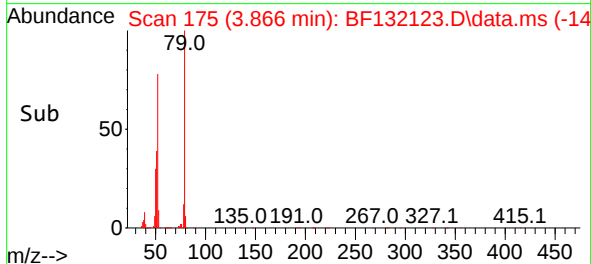
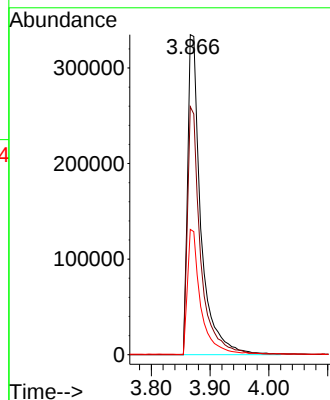
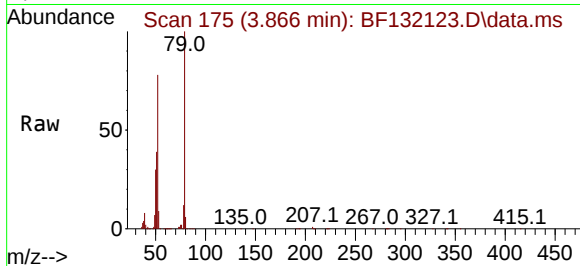




#3
 Pyridine
 Concen: 35.271 ng
 RT: 3.866 min Scan# 11
 Delta R.T. 0.053 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

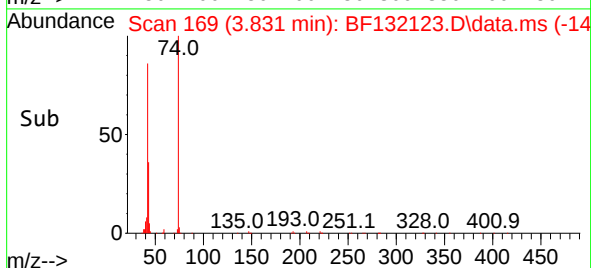
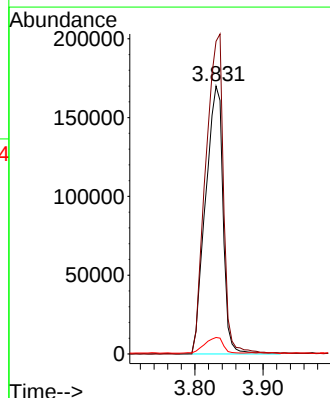
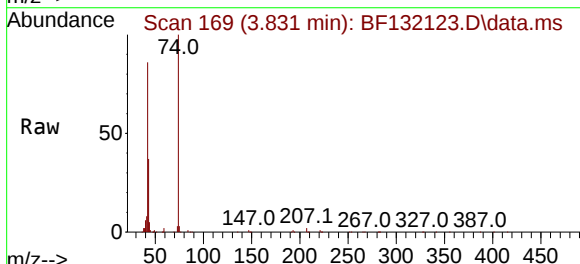
Instrument :
 BNA_F
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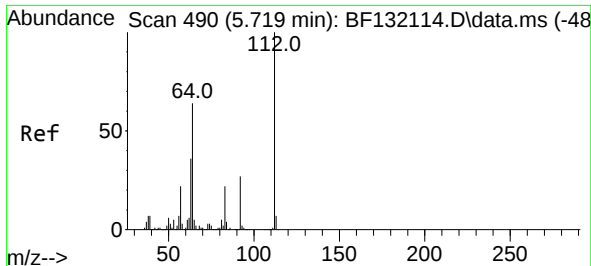
Tgt Ion: 79 Resp: 524859
 Ion Ratio Lower Upper
 79 100
 52 77.5 62.2 93.4
 51 39.1 31.9 47.9



#4
 n-Nitrosodimethylamine
 Concen: 42.309 ng
 RT: 3.831 min Scan# 169
 Delta R.T. 0.047 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

Tgt Ion: 42 Resp: 304256
 Ion Ratio Lower Upper
 42 100
 74 116.7 95.8 143.6
 44 6.1 5.6 8.4

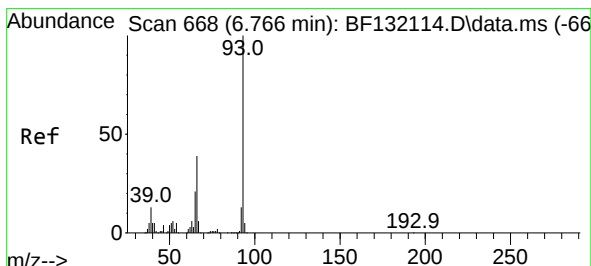
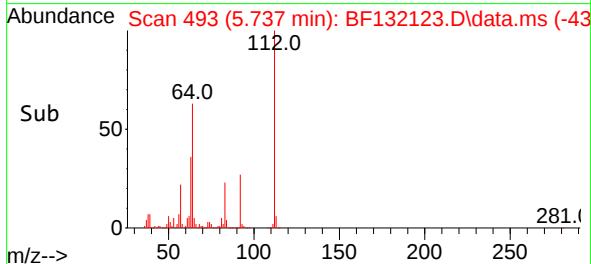
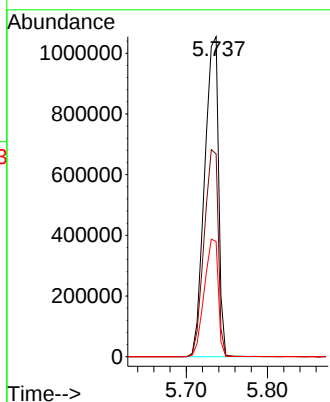
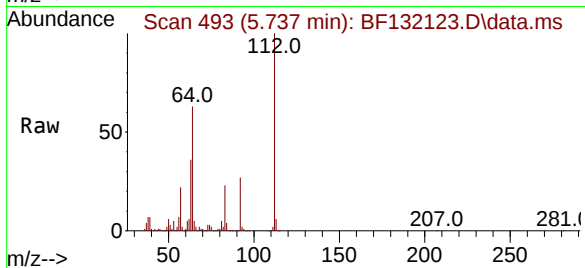




#5
2-Fluorophenol
Concen: 118.241 ng
RT: 5.737 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

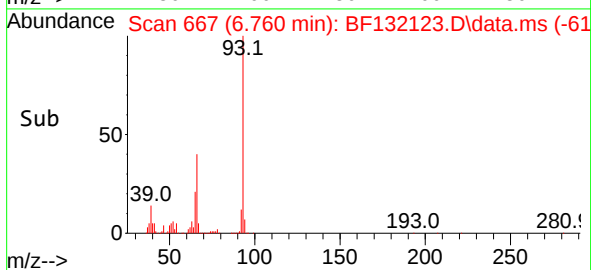
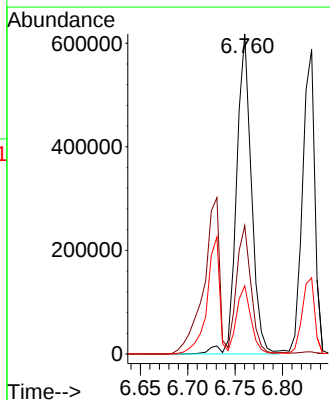
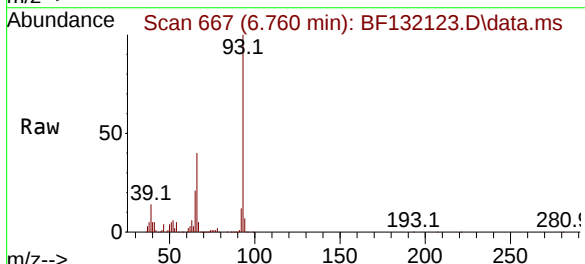
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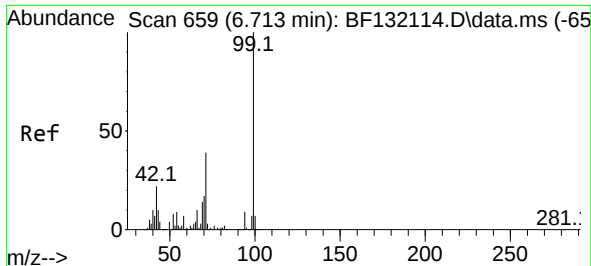
Tgt Ion:112 Resp: 1254640
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 36.0 28.7 43.1



#6
Aniline
Concen: 35.073 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion: 93 Resp: 672288
Ion Ratio Lower Upper
93 100
66 40.1 32.2 48.2
65 21.3 17.0 25.4





#7

Phenol-d6

Concen: 118.116 ng

RT: 6.713 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

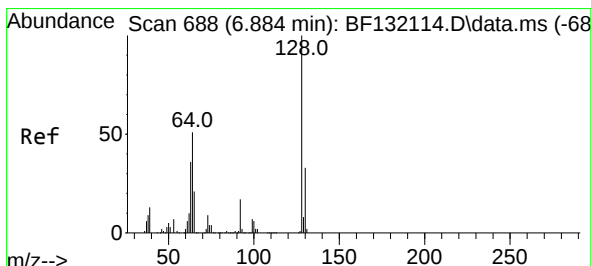
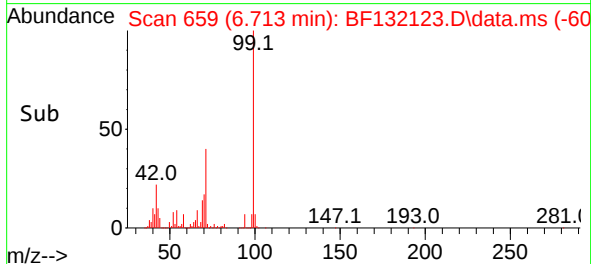
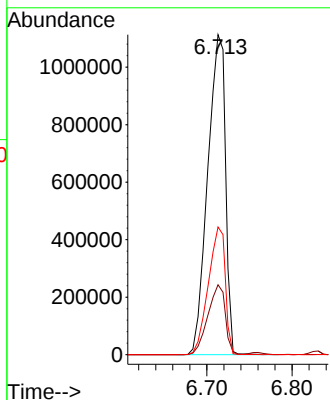
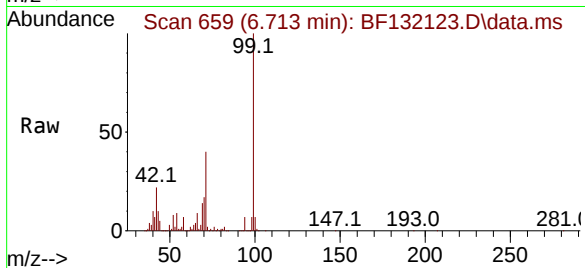
BNA_F

ClientSampleId :

PB150315BS

Tgt Ion: 99 Resp: 1619106

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.2	25.8
71	39.9	31.0	46.6



#8

2-Chlorophenol

Concen: 46.841 ng

RT: 6.878 min Scan# 687

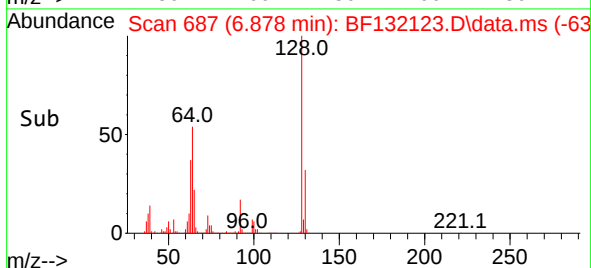
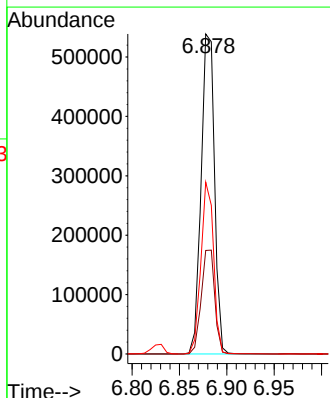
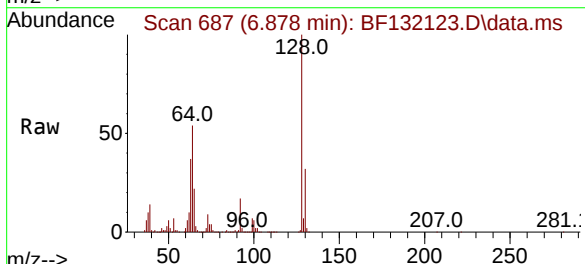
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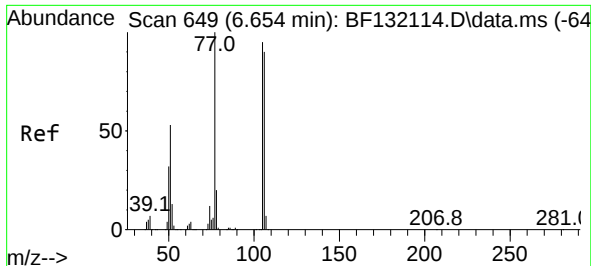
Lab File: BF132123.D

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Tgt Ion:128 Resp: 528980

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	53.7	32.0	72.0

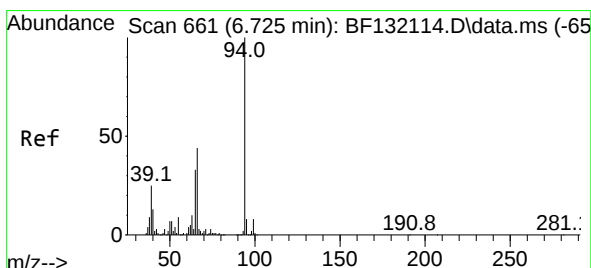
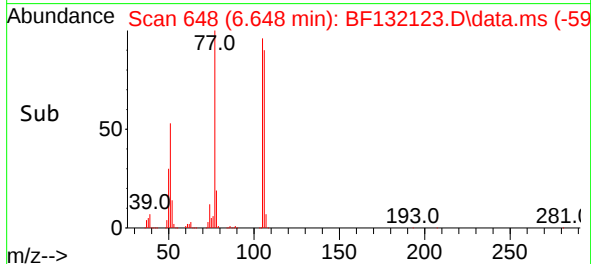
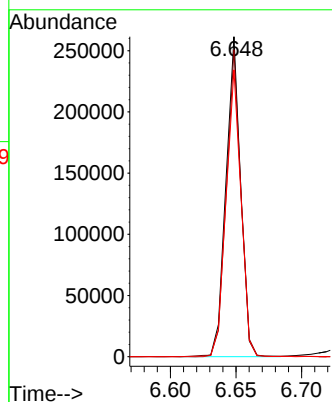
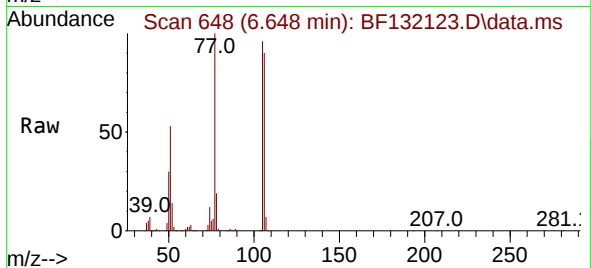




#9
Benzaldehyde
Concen: 20.990 ng
RT: 6.648 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132123.D
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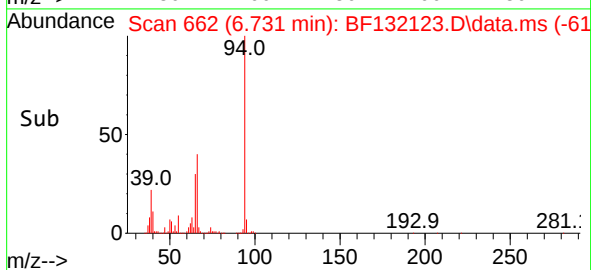
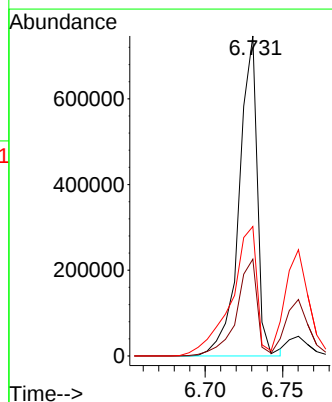
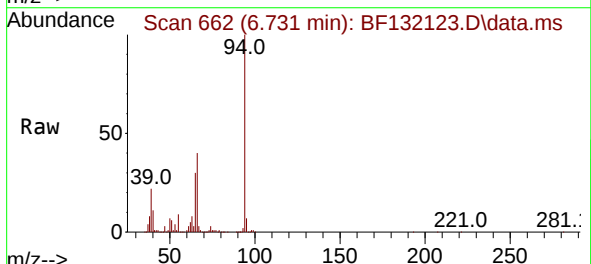
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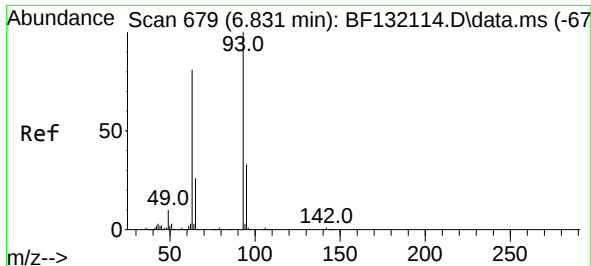
Tgt Ion: 77 Resp: 202163
Ion Ratio Lower Upper
77 100
105 95.9 75.3 115.3
106 89.6 70.2 110.2



#10
Phenol
Concen: 43.207 ng
RT: 6.731 min Scan# 662
Delta R.T. 0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion: 94 Resp: 609446
Ion Ratio Lower Upper
94 100
65 30.3 12.7 52.7
66 40.4 23.8 63.8

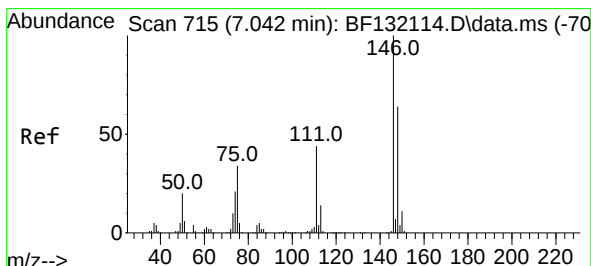
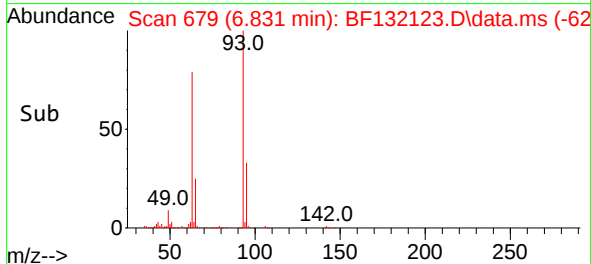
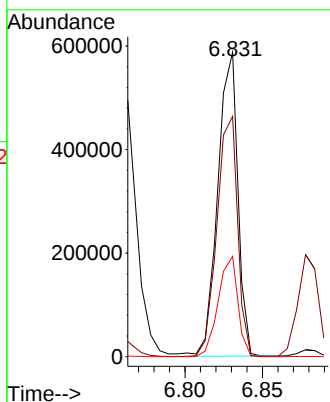
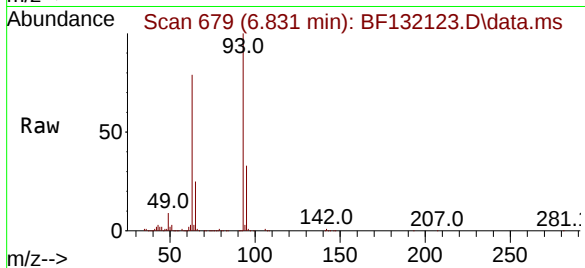




#11
bis(2-Chloroethyl)ether
Concen: 44.210 ng
RT: 6.831 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

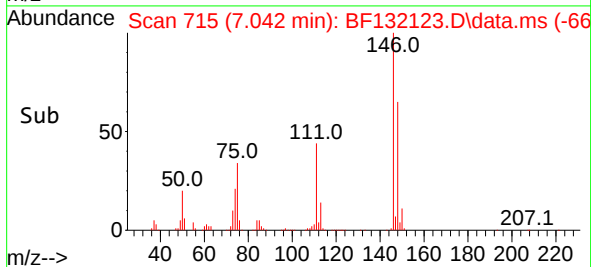
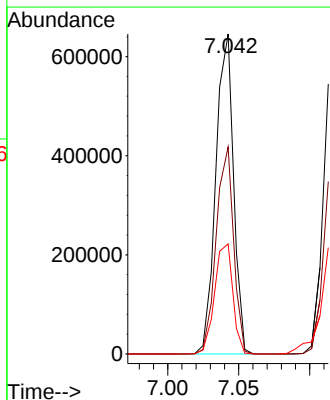
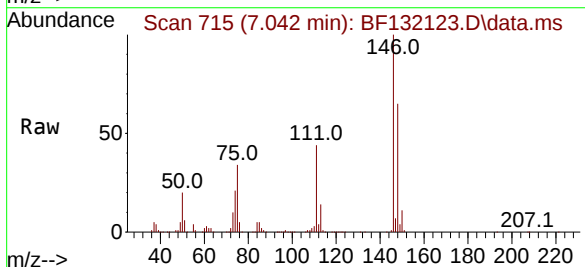
Instrument :
BNA_F
ClientSampleId :
PB150315BS

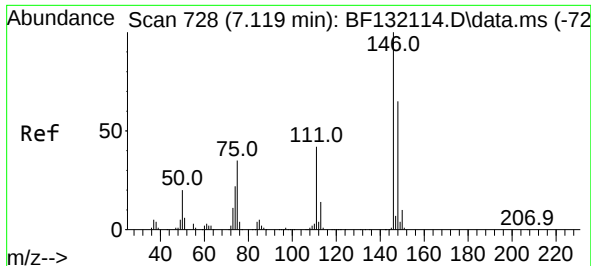
Tgt Ion: 93 Resp: 530304
Ion Ratio Lower Upper
93 100
63 78.9 60.8 100.8
95 32.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 44.920 ng
RT: 7.042 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:146 Resp: 558271
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
75 34.4 27.4 41.2

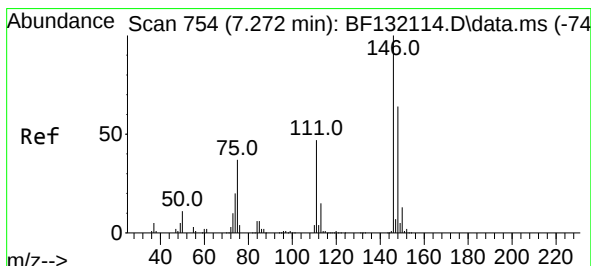
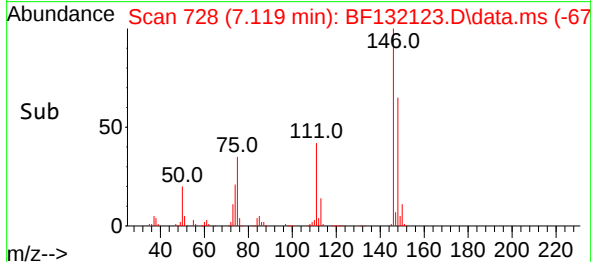
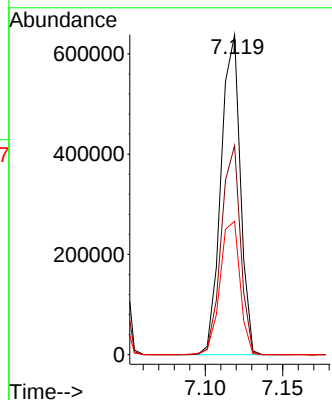
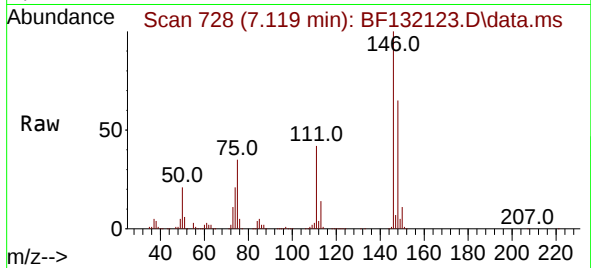




#13
1,4-Dichlorobenzene
Concen: 44.586 ng
RT: 7.119 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

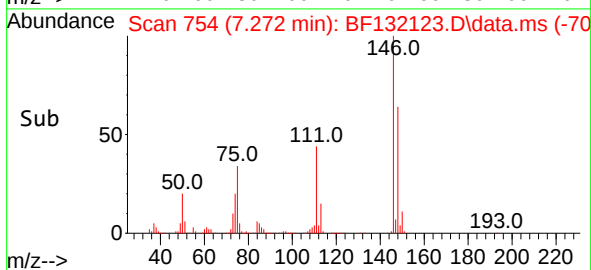
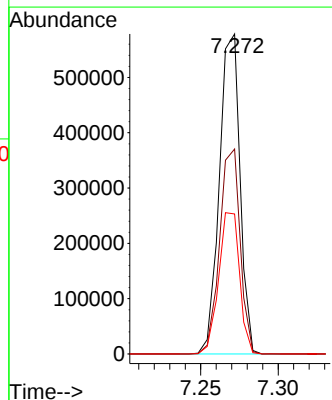
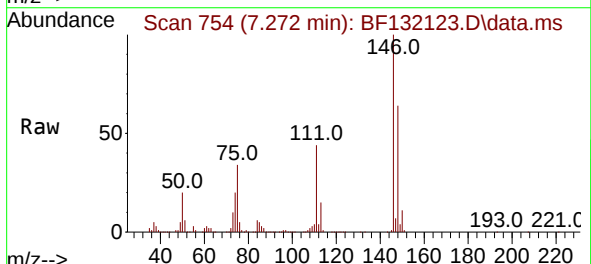
Instrument :
BNA_F
ClientSampleId :
PB150315BS

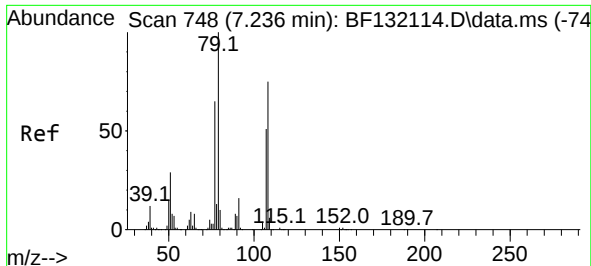
Tgt Ion:146 Resp: 554641
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 41.7 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 45.507 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:146 Resp: 536403
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 43.7 37.9 56.9

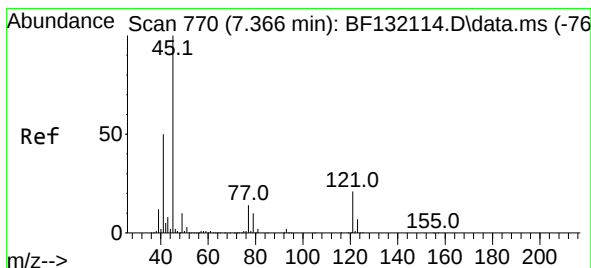
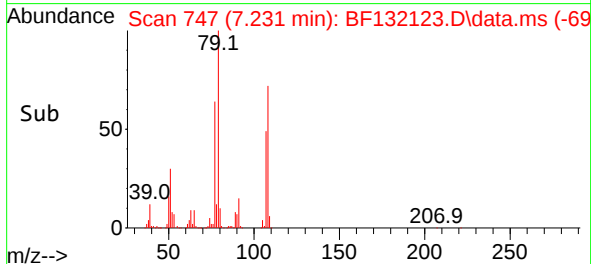
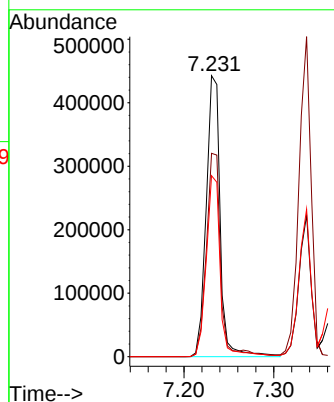
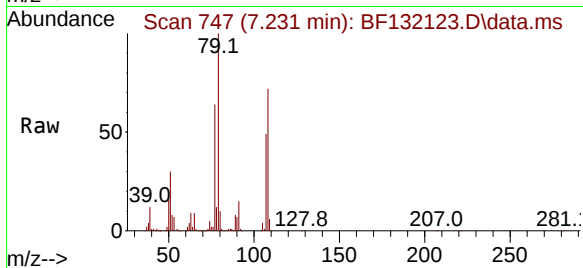




#15
Benzyl Alcohol
Concen: 43.949 ng
RT: 7.231 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

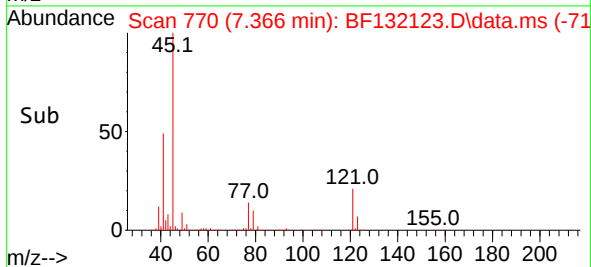
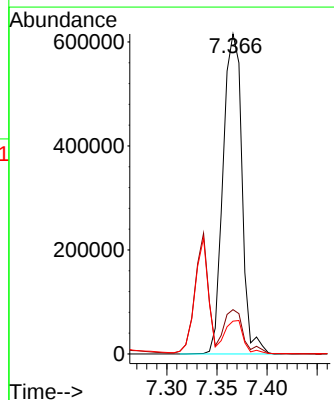
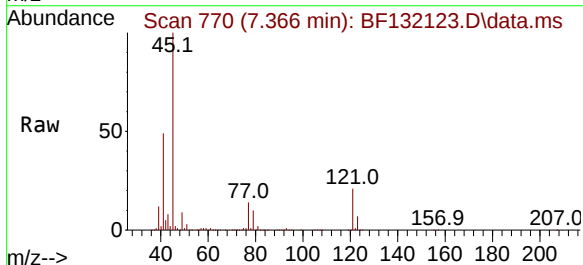
Instrument :
BNA_F
ClientSampleId :
PB150315BS

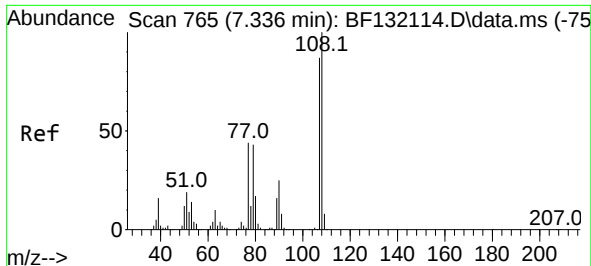
Tgt Ion: 79 Resp: 478852
Ion Ratio Lower Upper
79 100
108 72.4 59.7 89.5
77 64.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.935 ng
RT: 7.366 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion: 45 Resp: 802396
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.1
79 10.2 0.0 30.5





#17

2-Methylphenol

Concen: 41.014 ng

RT: 7.337 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF132123.D

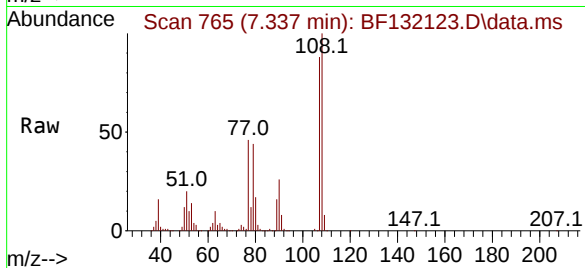
Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS



Tgt Ion:107 Resp: 416872

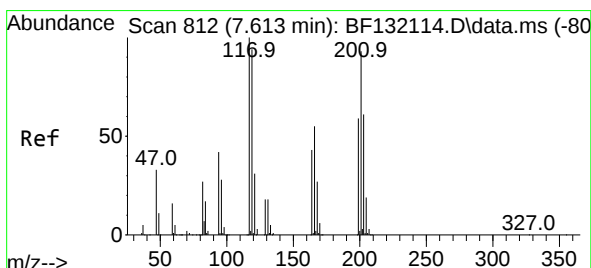
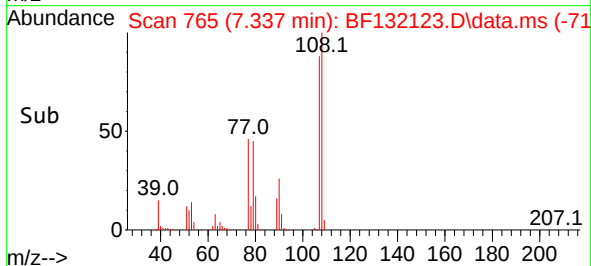
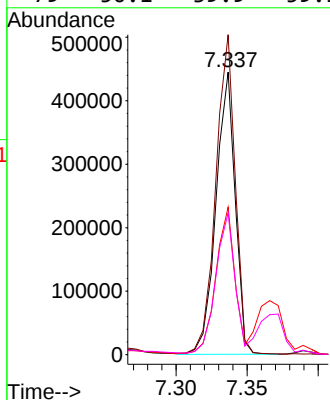
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 52.2 40.6 60.8

79 50.1 39.9 59.9



#18

Hexachloroethane

Concen: 46.195 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

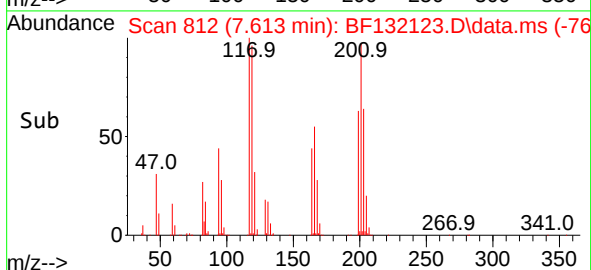
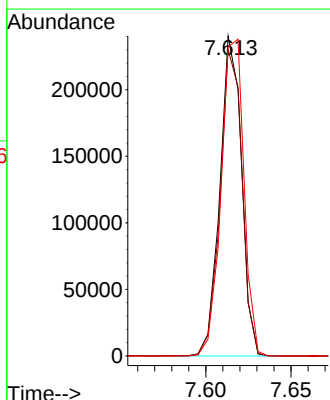
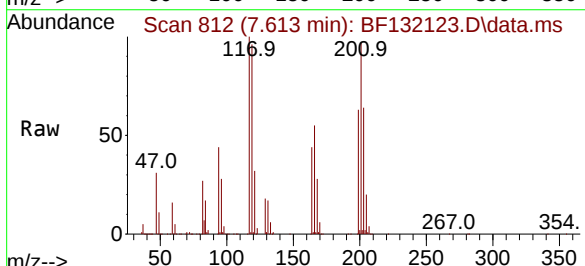
Tgt Ion:117 Resp: 211799

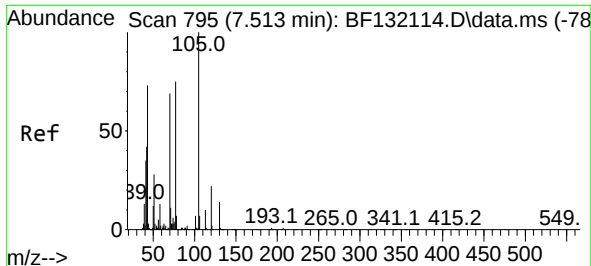
Ion Ratio Lower Upper

117 100

119 95.9 75.5 113.3

201 96.6 74.0 111.0



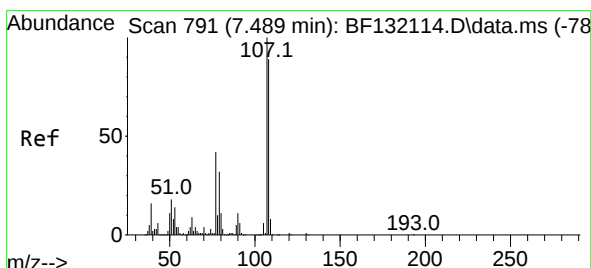
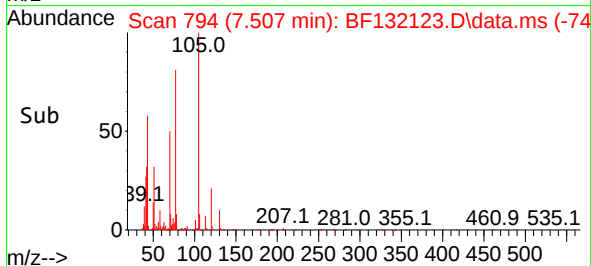
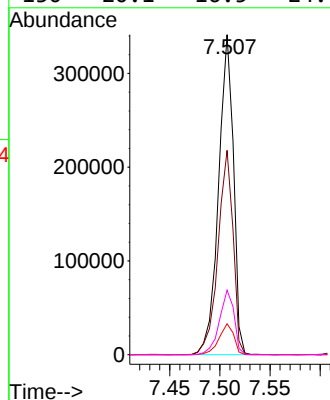
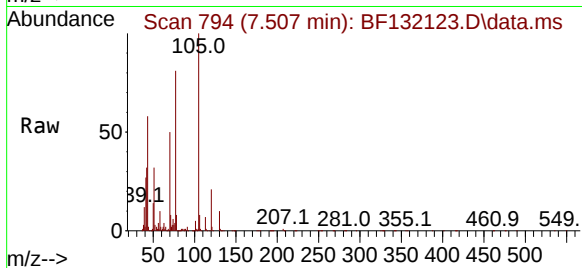


#19
n-Nitroso-di-n-propylamine
Concen: 40.881 ng
RT: 7.507 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Instrument :
BNA_F
ClientSampleId :
PB150315BS

Tgt Ion: 70 Resp: 352307

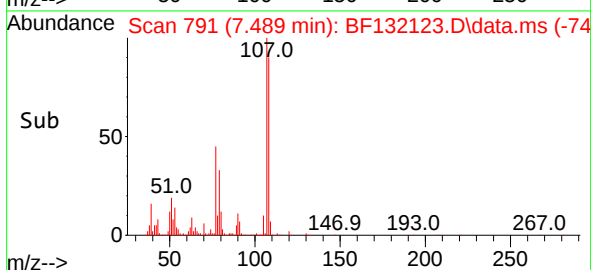
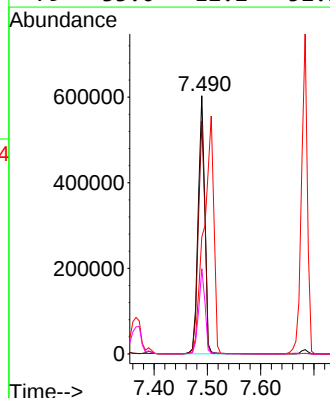
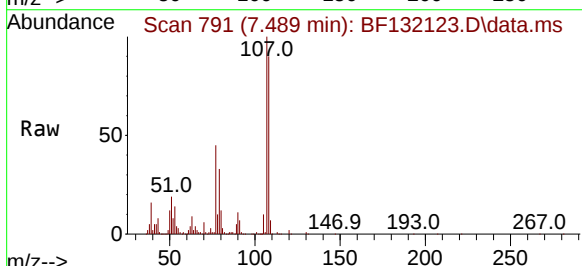
Ion	Ratio	Lower	Upper
70	100		
42	63.8	48.5	72.7
101	9.7	7.8	11.8
130	20.1	16.5	24.7

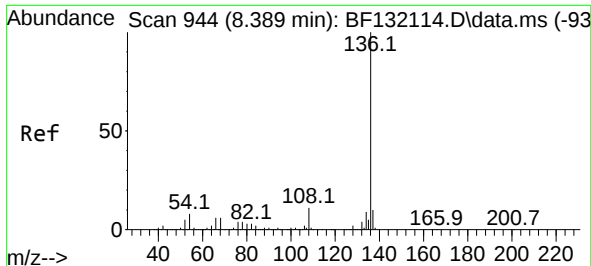


#20
3+4-Methylphenols
Concen: 41.333 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion: 107 Resp: 521441

Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.9	108.9
77	45.3	22.4	62.4
79	33.0	12.2	52.2

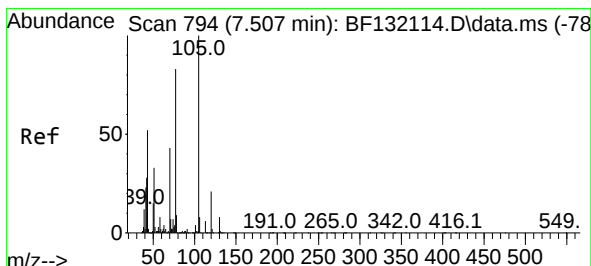
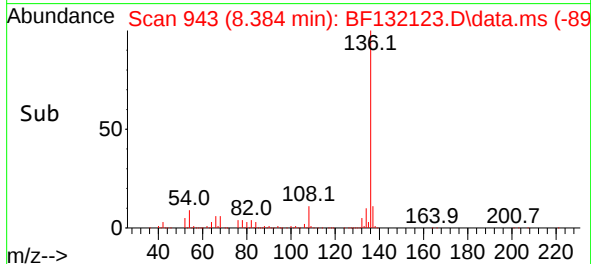
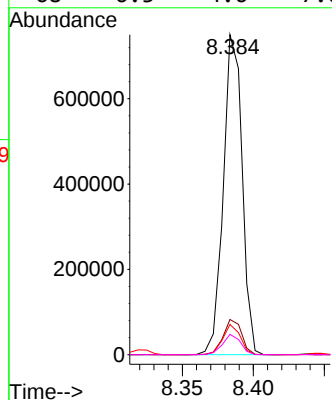
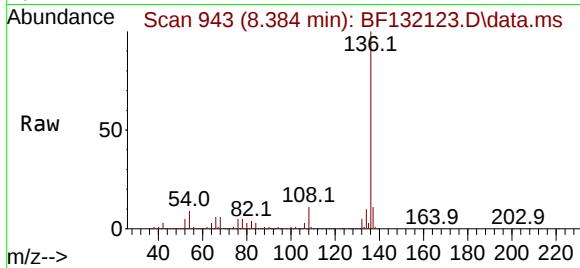




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

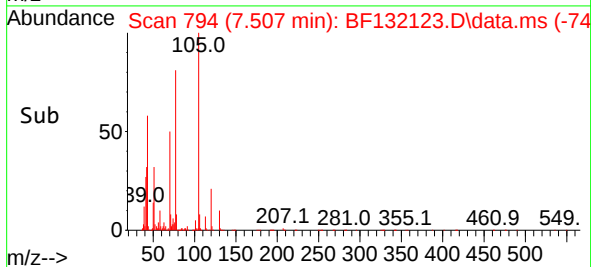
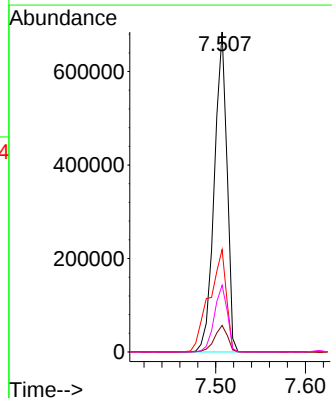
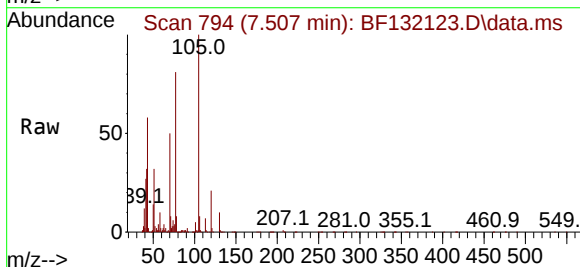
Instrument :
BNA_F
ClientSampleId :
PB150315BS

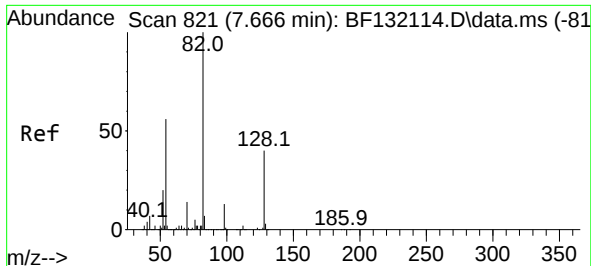
Tgt Ion:136 Resp: 689522
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.4 6.6 10.0
68 6.3 4.6 7.0



#22
Acetophenone
Concen: 42.206 ng
RT: 7.507 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:105 Resp: 671306
Ion Ratio Lower Upper
105 100
71 8.3 6.0 9.0
51 32.0 26.6 39.8
120 20.9 17.0 25.4

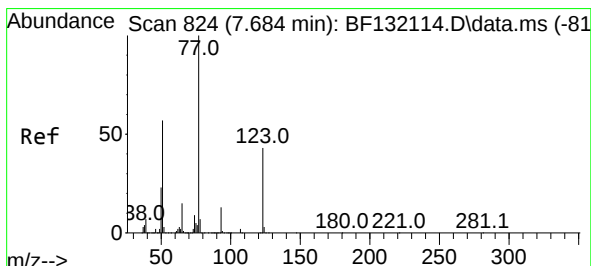
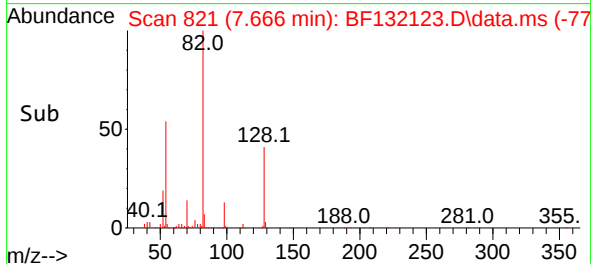
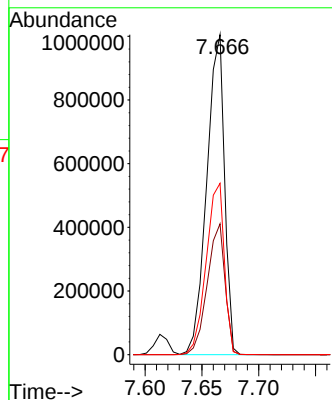
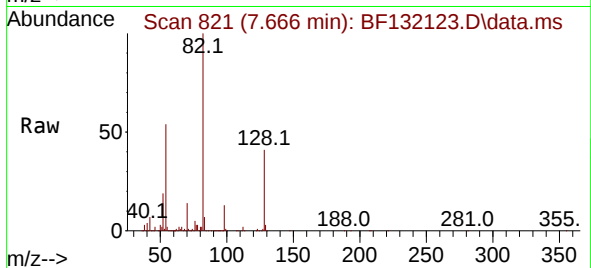




#23
Nitrobenzene-d5
Concen: 84.125 ng
RT: 7.666 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

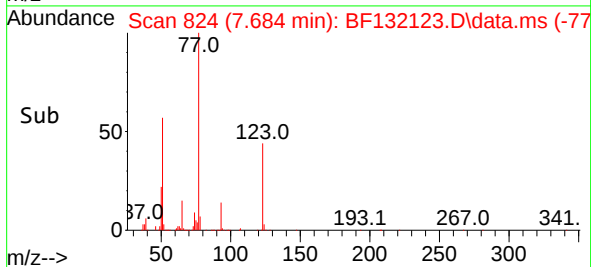
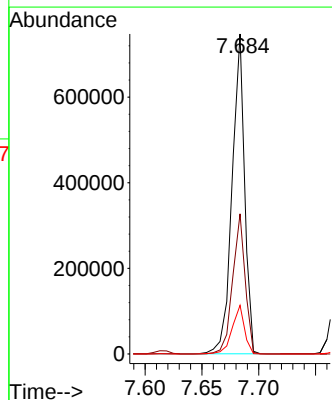
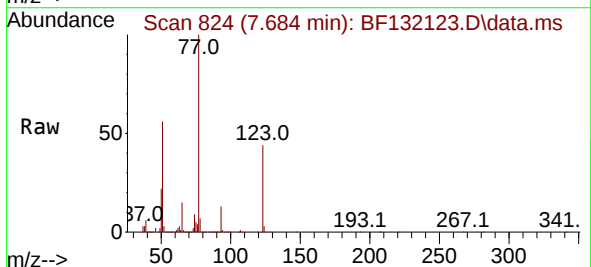
Instrument :
BNA_F
ClientSampleId :
PB150315BS

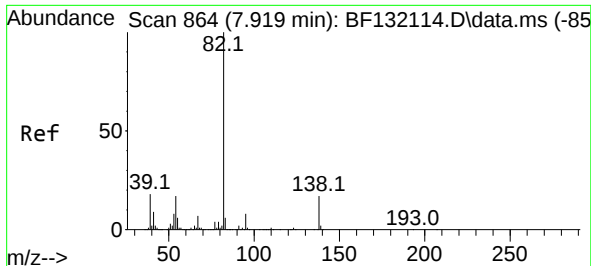
Tgt Ion: 82 Resp: 1092807
Ion Ratio Lower Upper
82 100
128 40.9 32.0 48.0
54 53.6 45.1 67.7



#24
Nitrobenzene
Concen: 42.161 ng
RT: 7.684 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion: 77 Resp: 573477
Ion Ratio Lower Upper
77 100
123 43.8 34.6 52.0
65 15.2 11.8 17.8

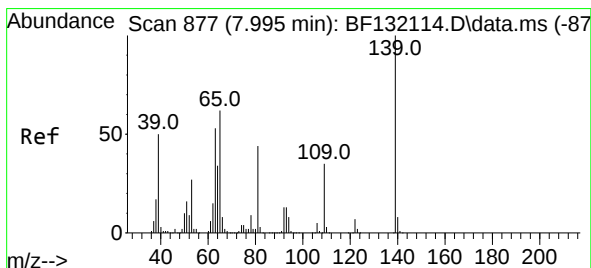
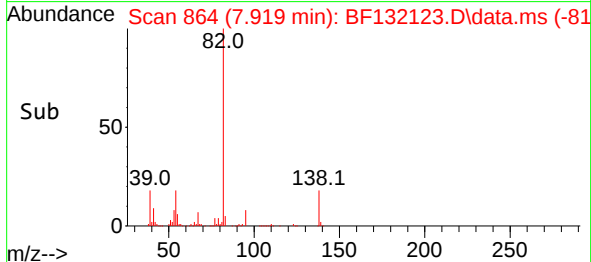
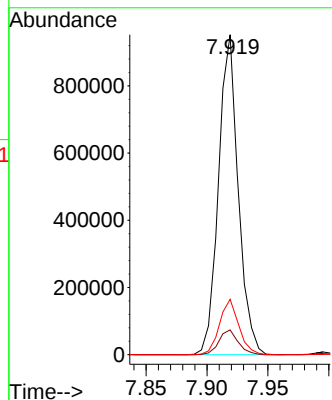
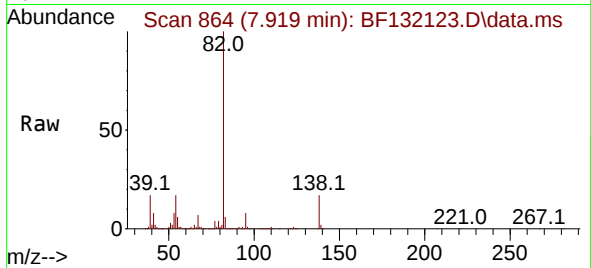




#25
Isophorone
Concen: 41.362 ng
RT: 7.919 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

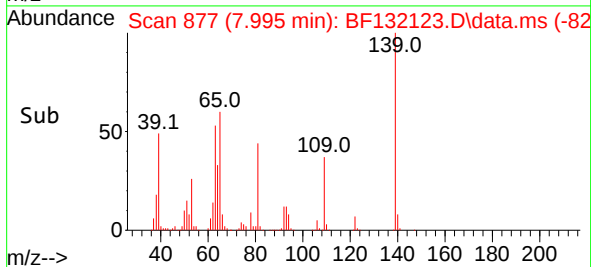
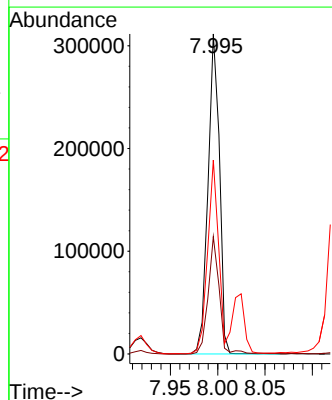
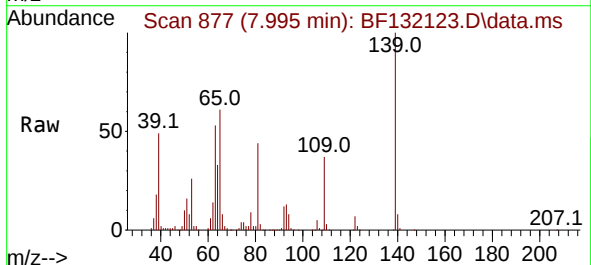
Instrument :
BNA_F
ClientSampleId :
PB150315BS

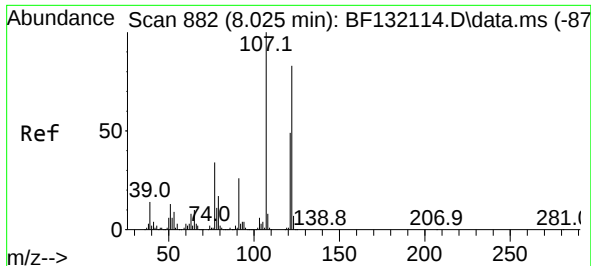
Tgt Ion: 82 Resp: 1075085
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.3 13.4 20.2



#26
2-Nitrophenol
Concen: 46.968 ng
RT: 7.995 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:139 Resp: 260301
Ion Ratio Lower Upper
139 100
109 36.7 28.3 42.5
65 60.6 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 42.711 ng

RT: 8.025 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

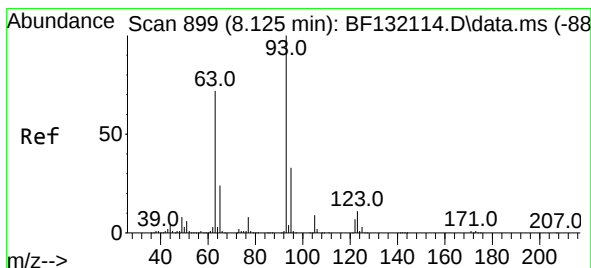
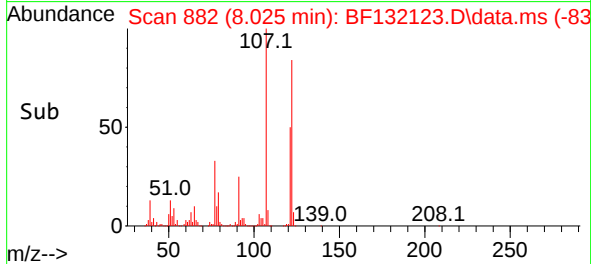
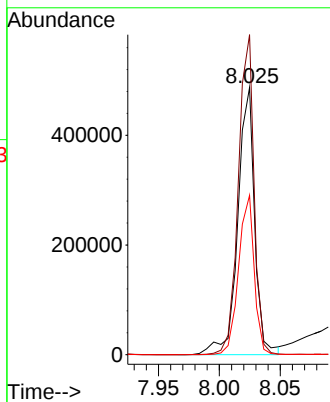
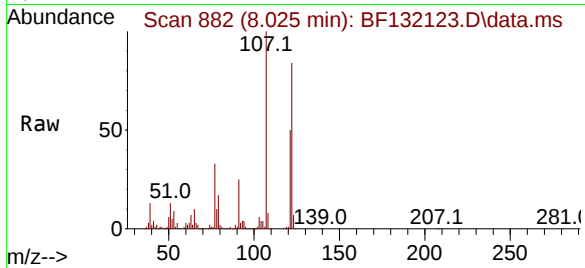
Tgt Ion:122 Resp: 471895

Ion Ratio Lower Upper

122 100

107 119.7 96.1 144.1

121 59.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.990 ng

RT: 8.125 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

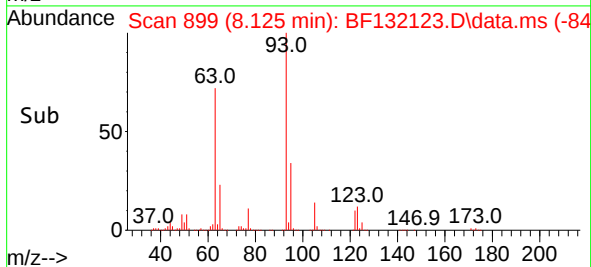
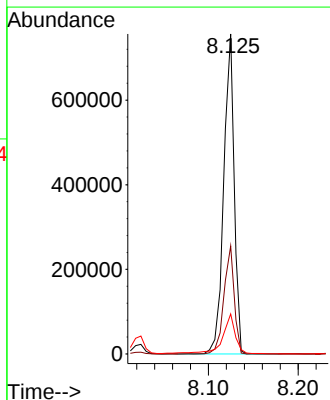
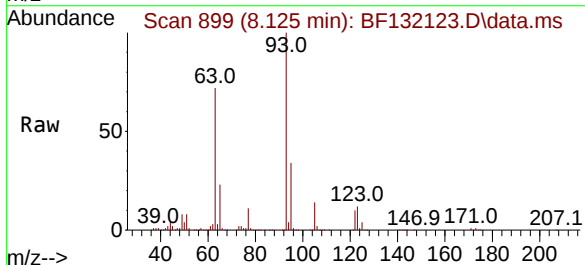
Tgt Ion: 93 Resp: 610966

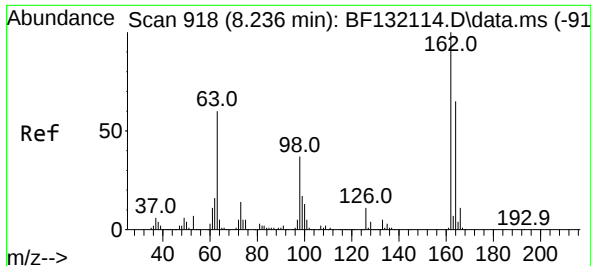
Ion Ratio Lower Upper

93 100

95 33.8 26.7 40.1

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.586 ng

RT: 8.236 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

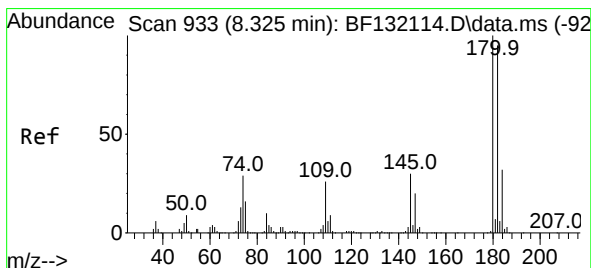
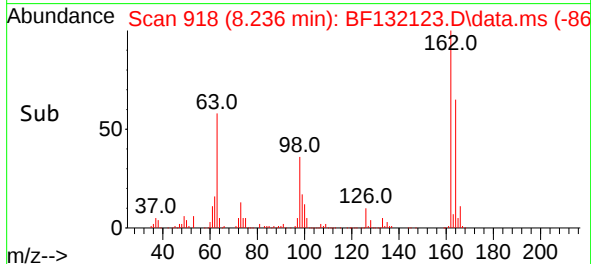
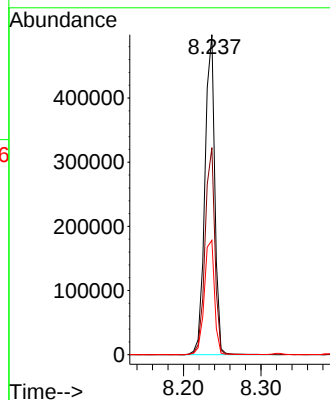
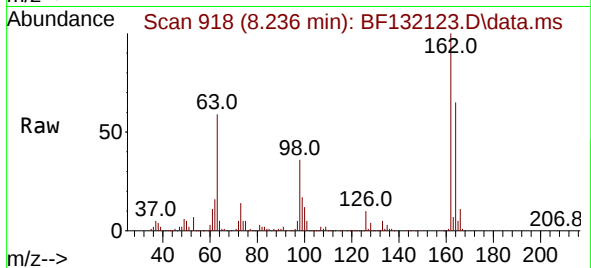
Tgt Ion:162 Resp: 440919

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

98 35.7 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 43.676 ng

RT: 8.325 min Scan# 933

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

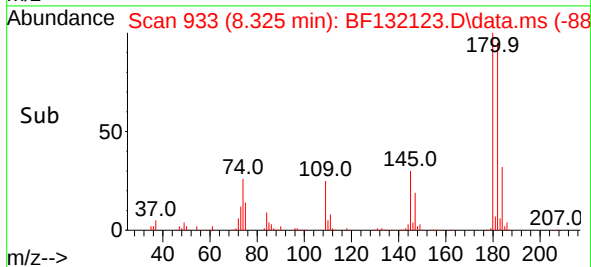
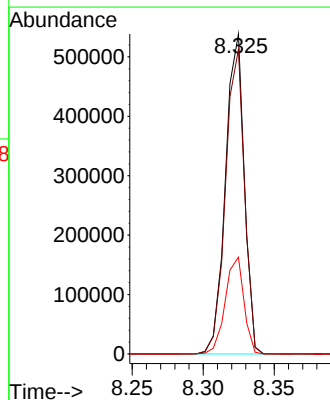
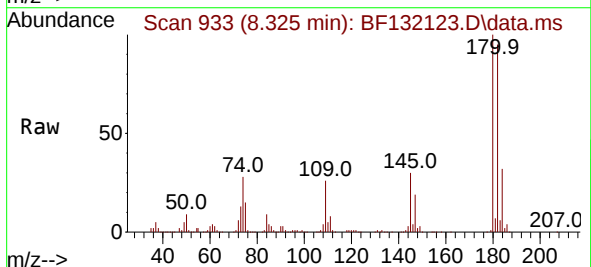
Tgt Ion:180 Resp: 494150

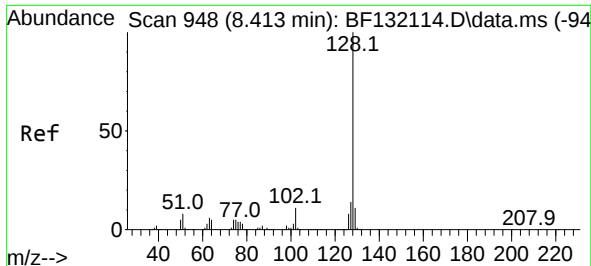
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 30.2 24.3 36.5

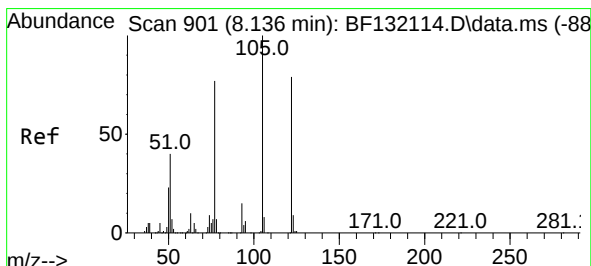
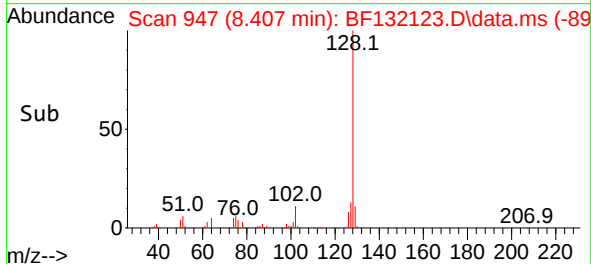
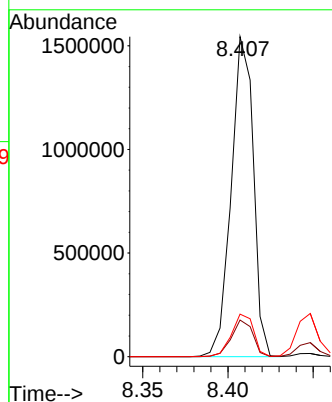
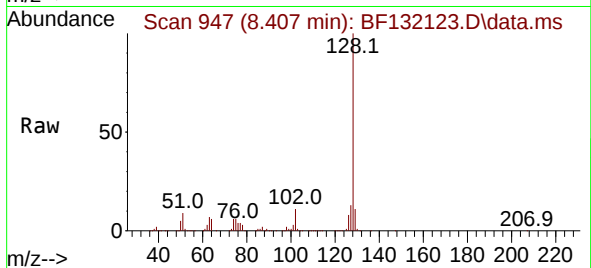




#31
Naphthalene
Concen: 41.281 ng
RT: 8.407 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

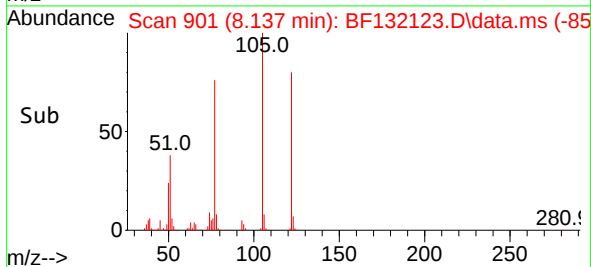
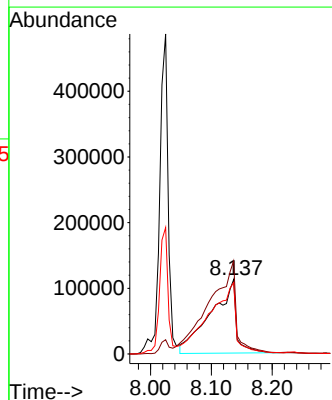
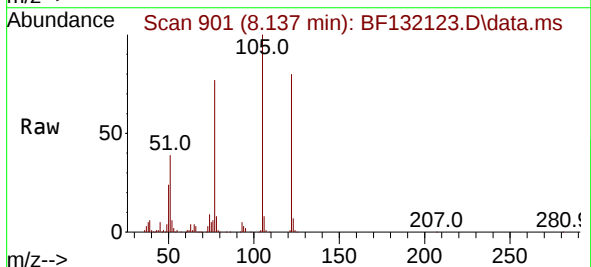
Instrument :
BNA_F
ClientSampleId :
PB150315BS

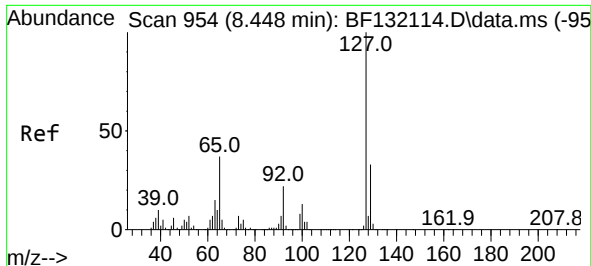
Tgt Ion:128 Resp: 1397523
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 43.136 ng
RT: 8.137 min Scan# 901
Delta R.T. 0.001 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:122 Resp: 327410
Ion Ratio Lower Upper
122 100
105 124.9 106.2 146.2
77 95.9 77.3 117.3

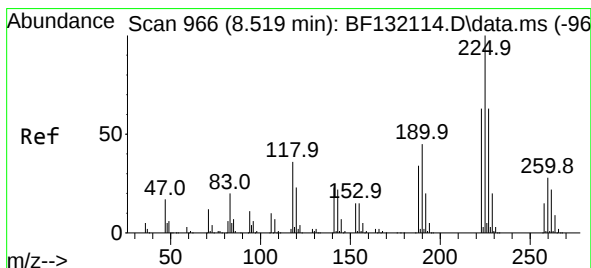
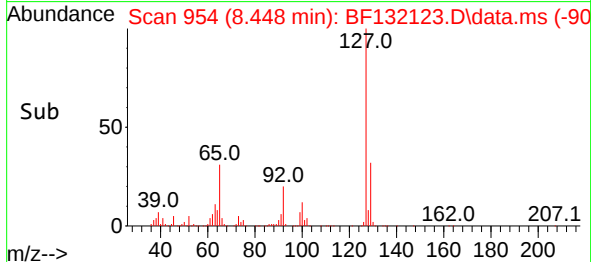
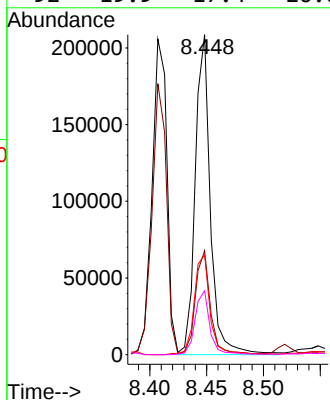
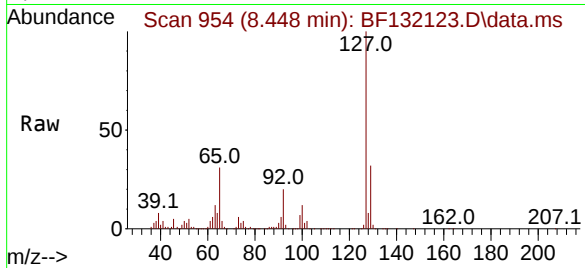




#33
4-Chloroaniline
Concen: 13.042 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

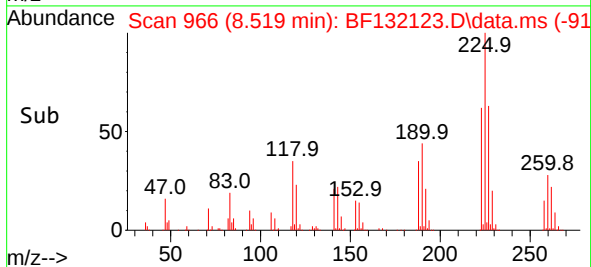
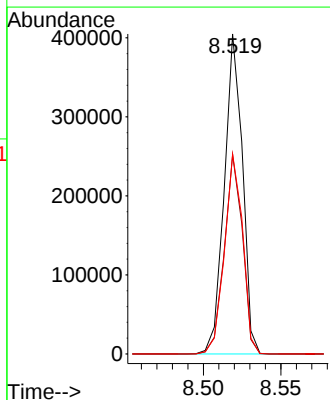
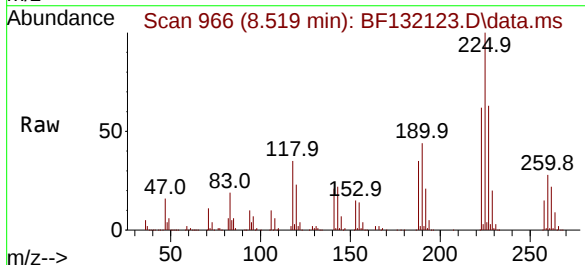
Instrument :
BNA_F
ClientSampleId :
PB150315BS

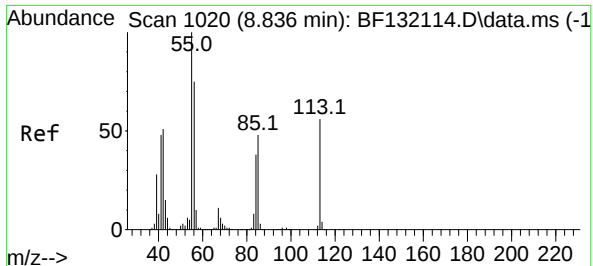
Tgt Ion:	127	Resp:	193861
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.1	39.1
65	31.2	29.7	44.5
92	19.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 44.167 ng
RT: 8.519 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:	225	Resp:	329541
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.6	76.0
227	62.5	50.1	75.1

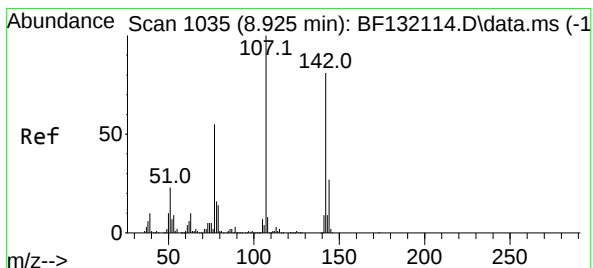
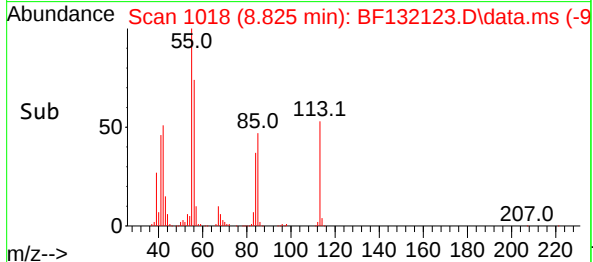
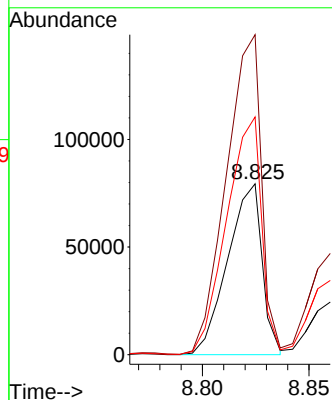
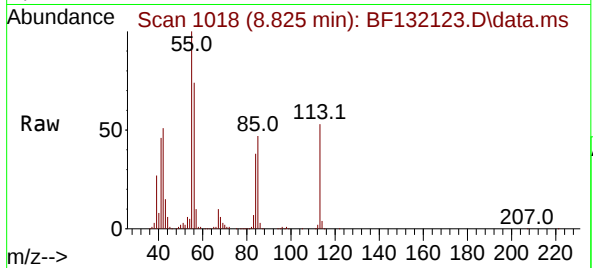




#35
 Caprolactam
 Concen: 26.505 ng
 RT: 8.825 min Scan# 1018
 Delta R.T. -0.012 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

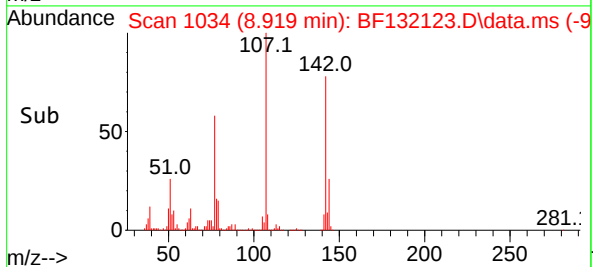
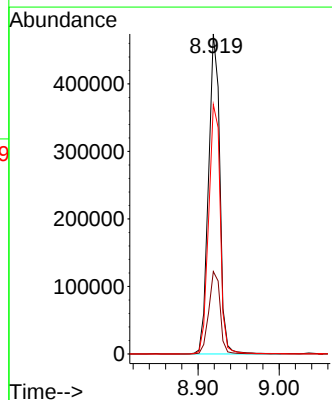
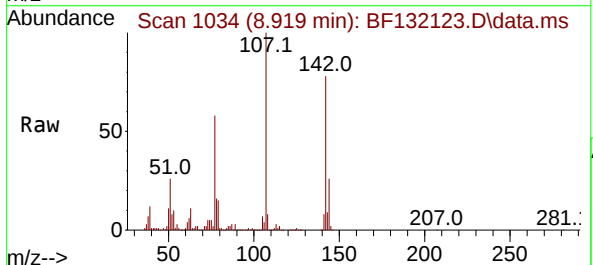
Instrument :
 BNA_F
 ClientSampleId :
 PB150315BS

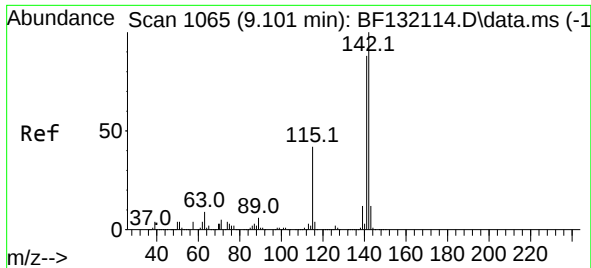
Tgt Ion:113 Resp: 89172
 Ion Ratio Lower Upper
 113 100
 55 187.3 159.1 199.1
 56 139.1 115.0 155.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.297 ng
 RT: 8.919 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

Tgt Ion:107 Resp: 456646
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.0
 142 77.9 64.6 97.0

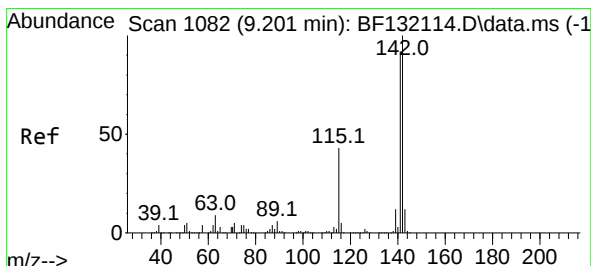
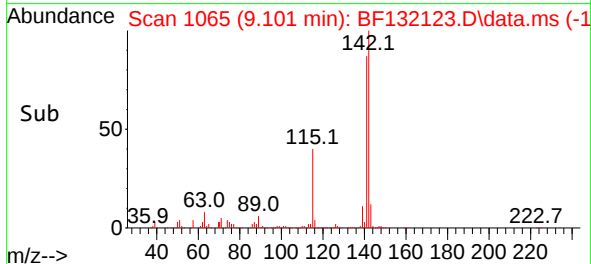
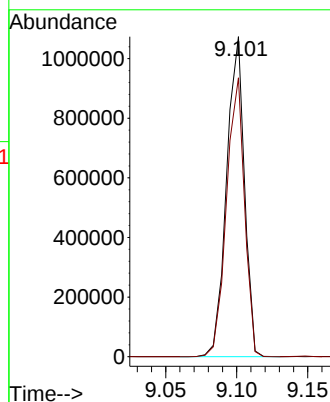
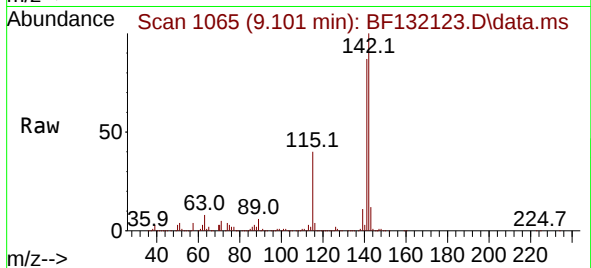




#37
2-Methylnaphthalene
Concen: 39.646 ng
RT: 9.101 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

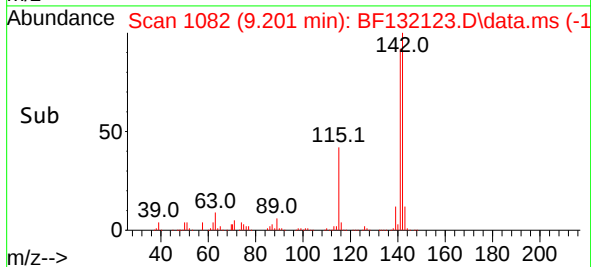
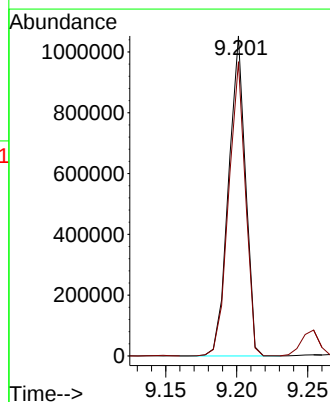
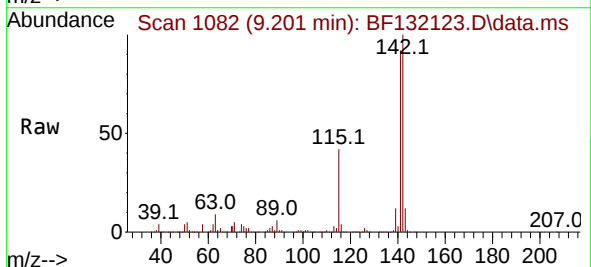
Instrument :
BNA_F
ClientSampleId :
PB150315BS

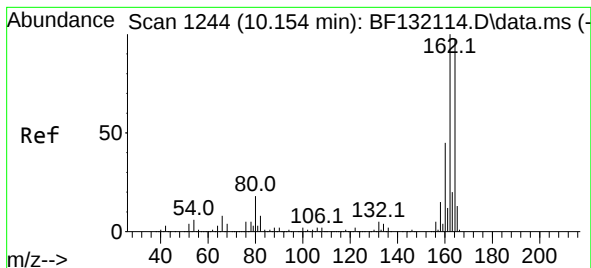
Tgt Ion:142 Resp: 934641
Ion Ratio Lower Upper
142 100
141 87.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 39.198 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:142 Resp: 868223
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.154 min Scan# 1093

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

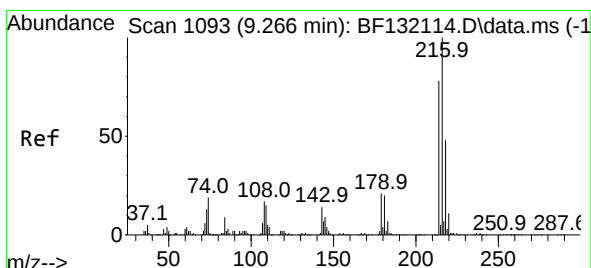
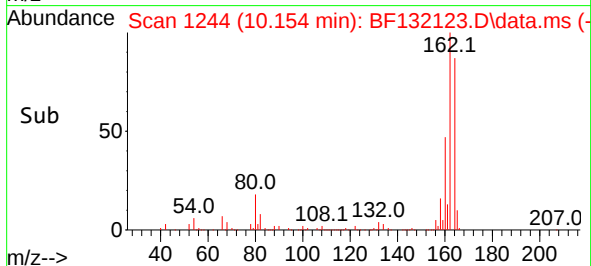
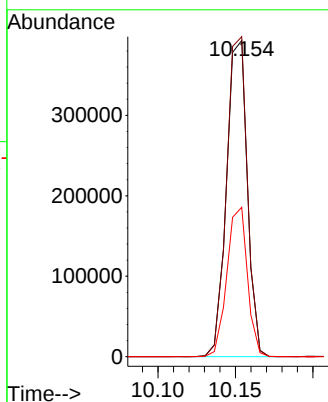
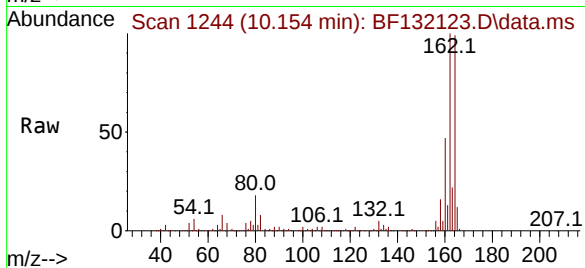
Tgt Ion:164 Resp: 367139

Ion Ratio Lower Upper

164 100

162 101.2 82.3 123.5

160 47.2 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.023 ng

RT: 9.266 min Scan# 1093

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Tgt Ion:216 Resp: 495878

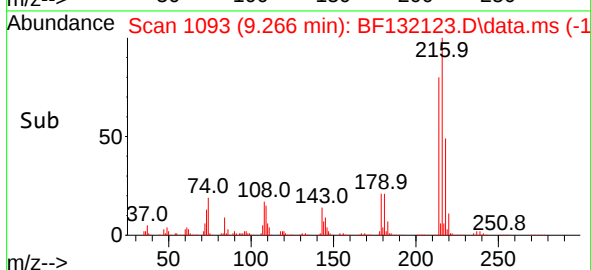
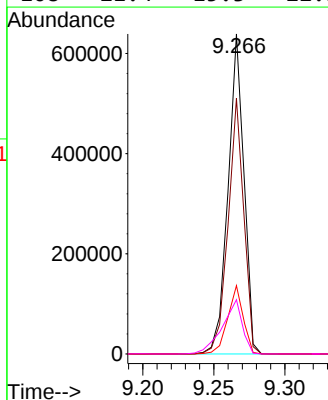
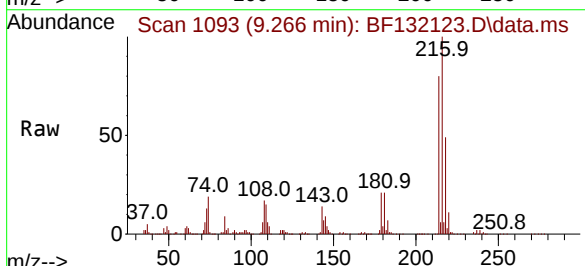
Ion Ratio Lower Upper

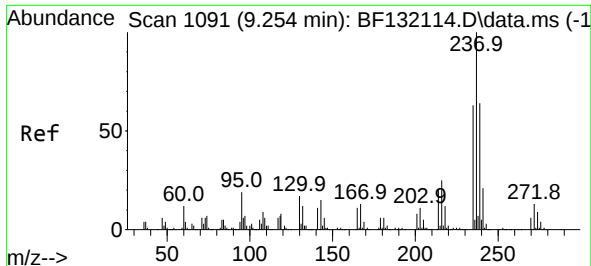
216 100

214 78.9 62.8 94.2

179 20.9 16.8 25.2

108 21.4 15.3 22.9

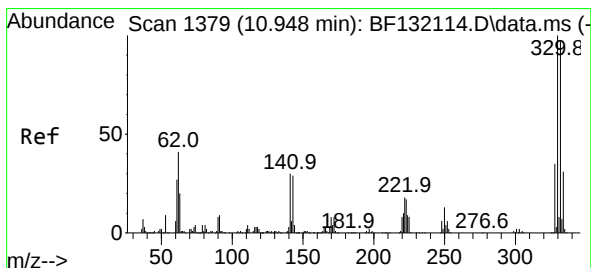
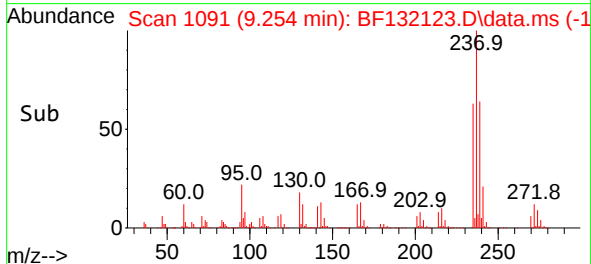
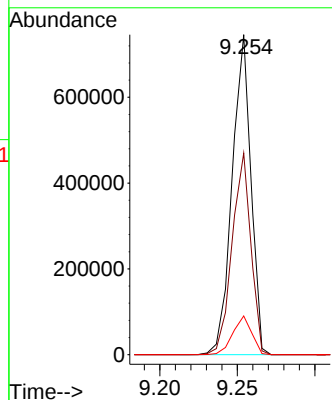
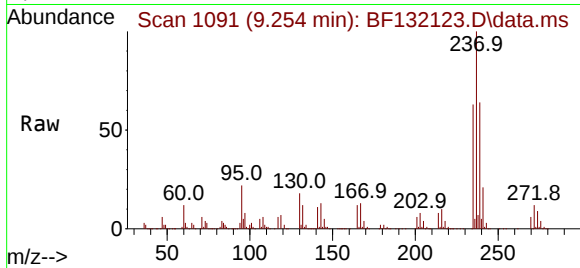




#41
Hexachlorocyclopentadiene
Concen: 100.249 ng
RT: 9.254 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

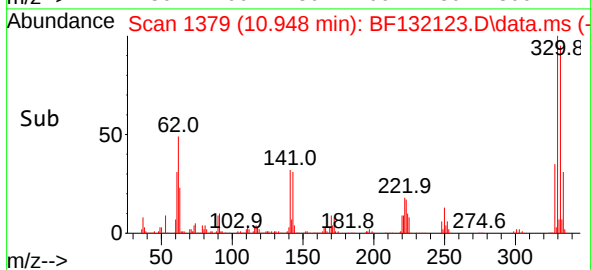
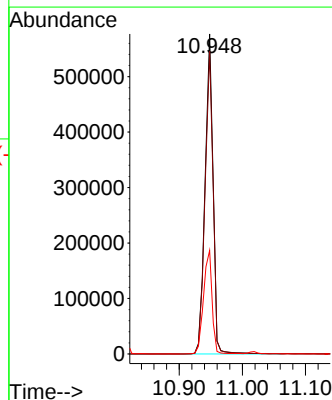
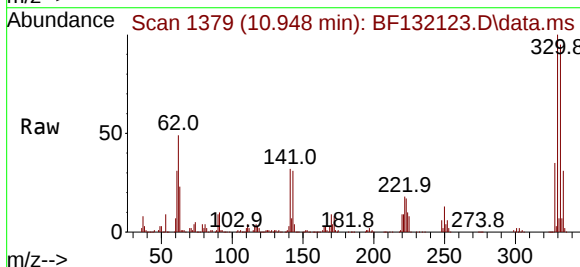
Instrument :
BNA_F
ClientSampleId :
PB150315BS

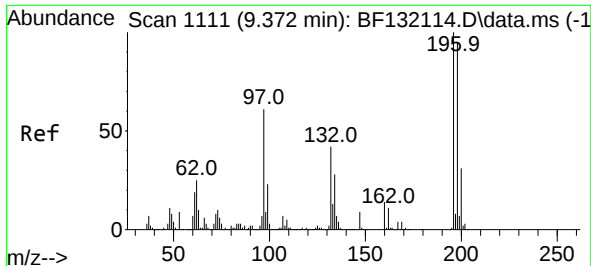
Tgt Ion:237 Resp: 628639
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 12.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 127.678 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:330 Resp: 512880
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 34.6 28.2 42.4





#43

2,4,6-Trichlorophenol

Concen: 45.005 ng

RT: 9.372 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

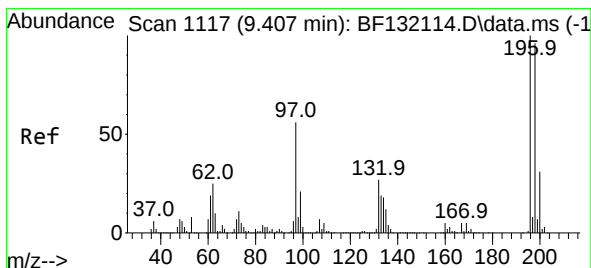
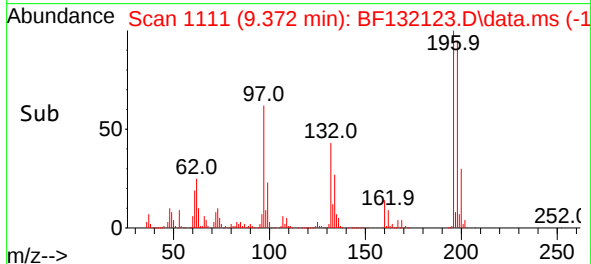
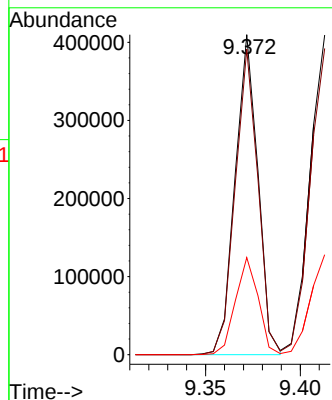
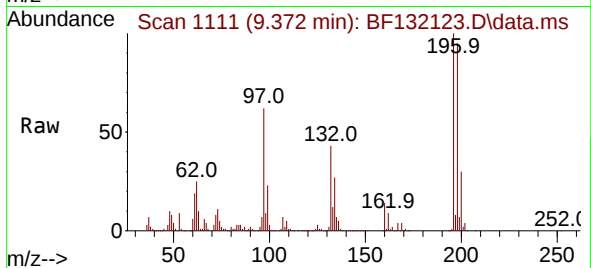
Tgt Ion:196 Resp: 341307

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 30.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.801 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Tgt Ion:196 Resp: 378123

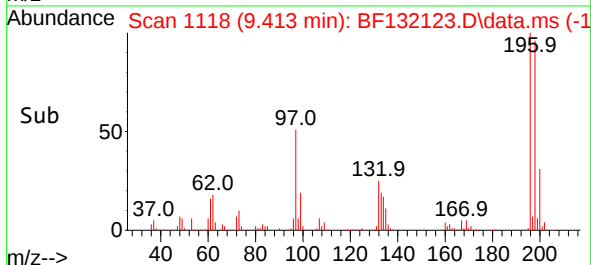
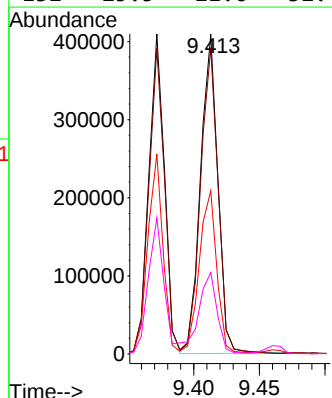
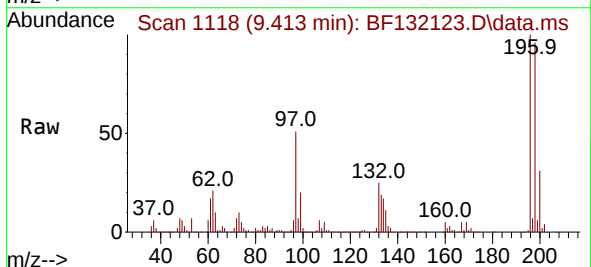
Ion Ratio Lower Upper

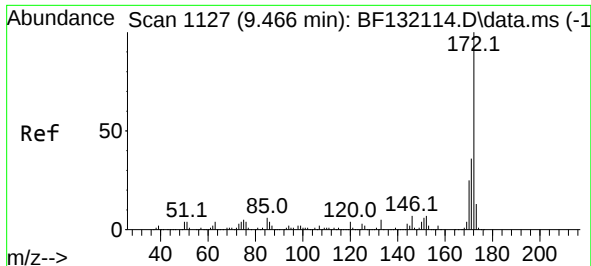
196 100

198 95.8 76.5 114.7

97 51.1 44.8 67.2

132 25.5 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 84.156 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

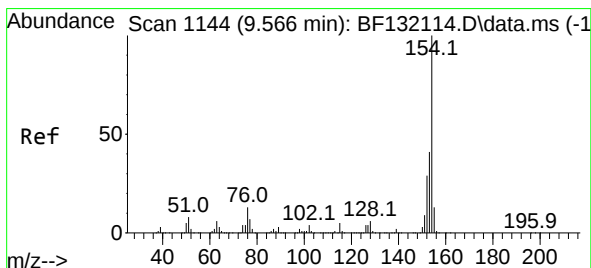
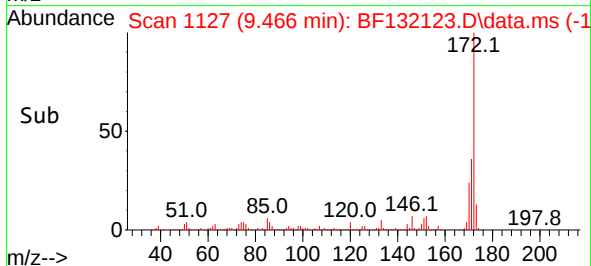
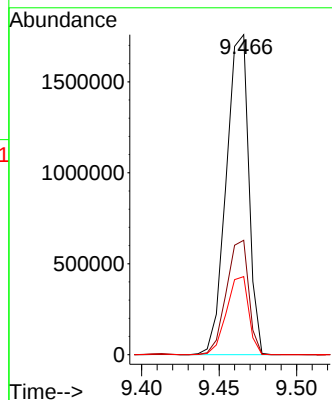
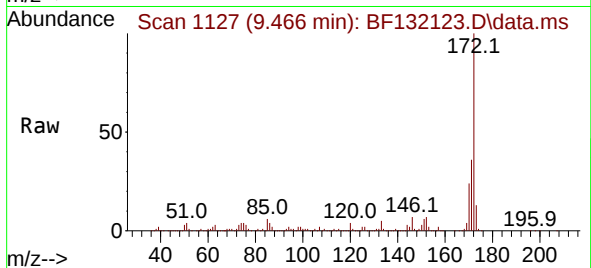
Tgt Ion:172 Resp: 1775788

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 24.4 19.7 29.5



#46

1,1'-Biphenyl

Concen: 42.388 ng

RT: 9.566 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

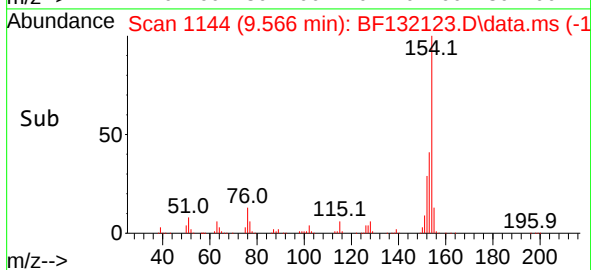
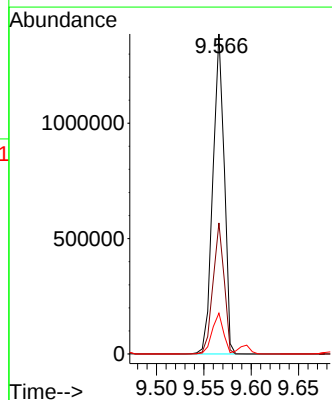
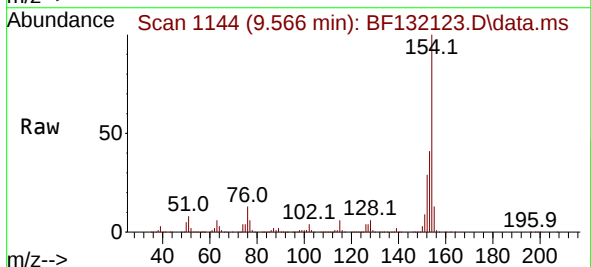
Tgt Ion:154 Resp: 1148991

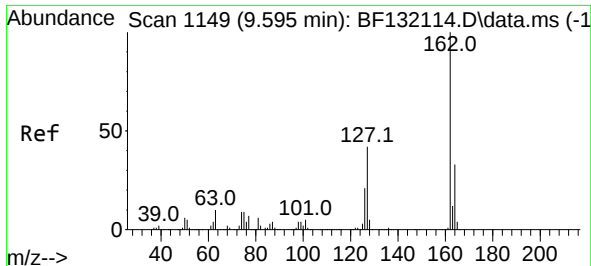
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 12.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.744 ng

RT: 9.595 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

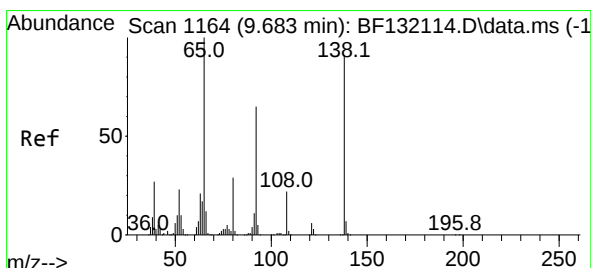
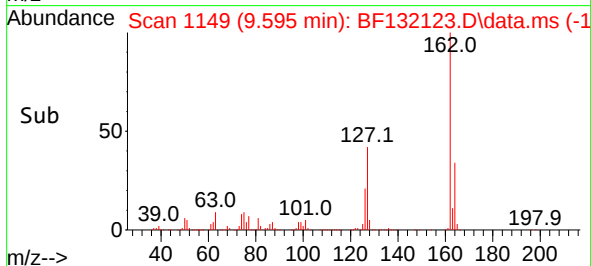
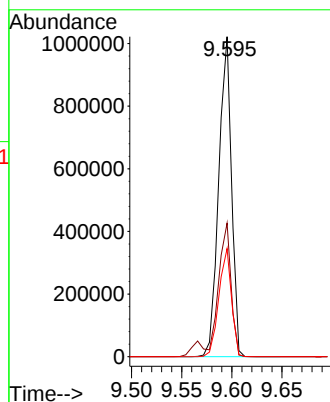
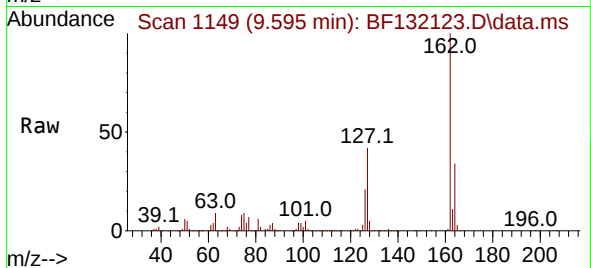
Tgt Ion:162 Resp: 904044

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.8

164 33.8 26.5 39.7



#48

2-Nitroaniline

Concen: 43.134 ng

RT: 9.683 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

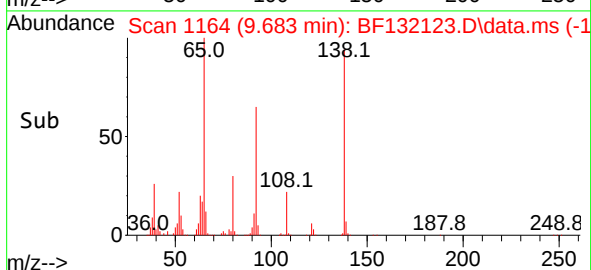
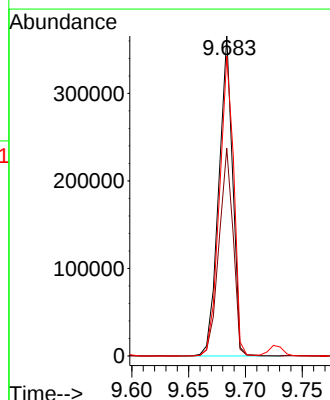
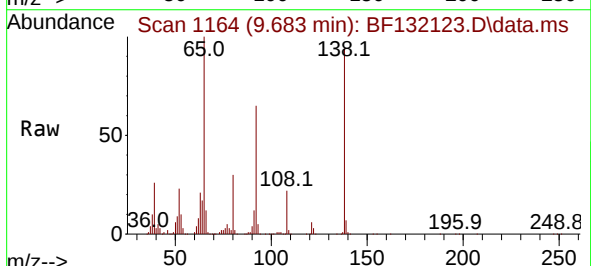
Tgt Ion: 65 Resp: 311017

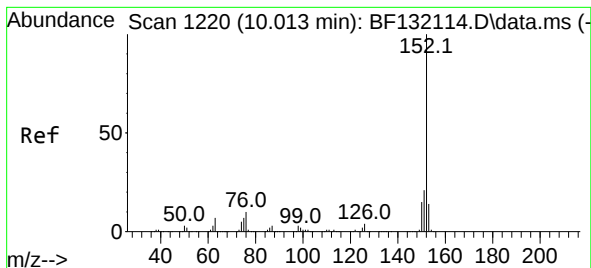
Ion Ratio Lower Upper

65 100

92 64.9 51.9 77.9

138 93.7 72.6 109.0





#49

Acenaphthylene

Concen: 41.737 ng

RT: 10.013 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

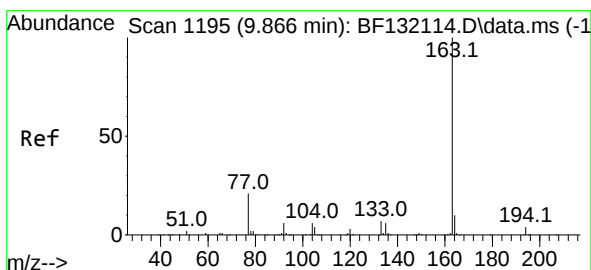
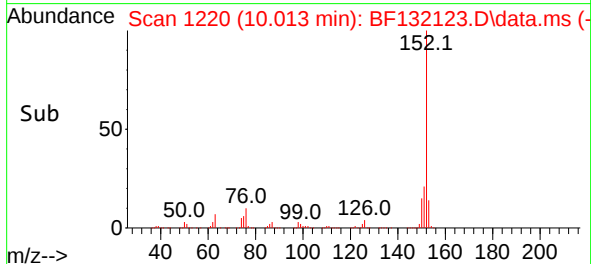
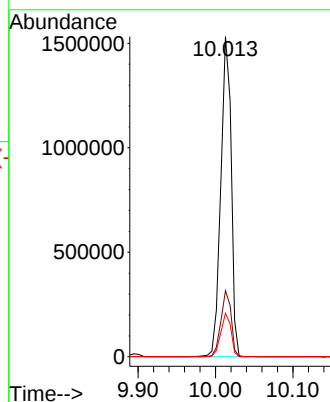
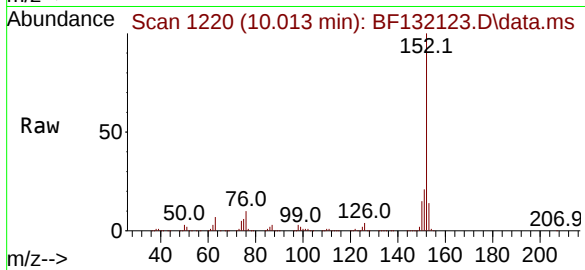
Tgt Ion:152 Resp: 1430485

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 41.164 ng

RT: 9.866 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

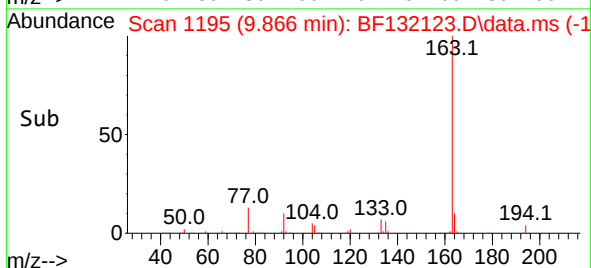
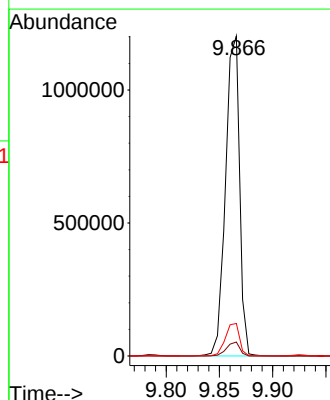
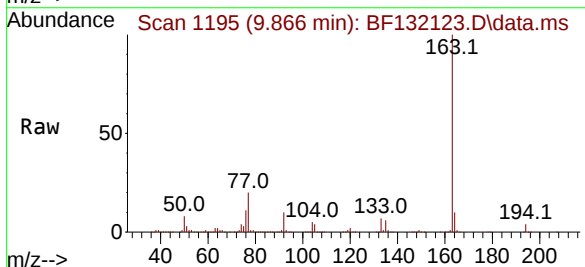
Tgt Ion:163 Resp: 1098637

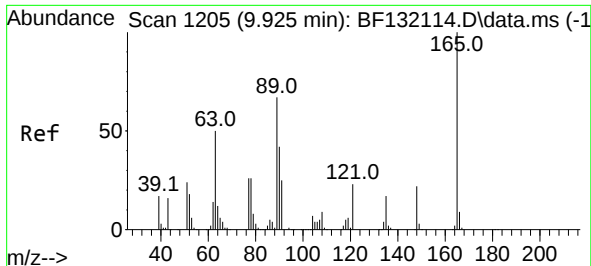
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.1 8.3 12.5

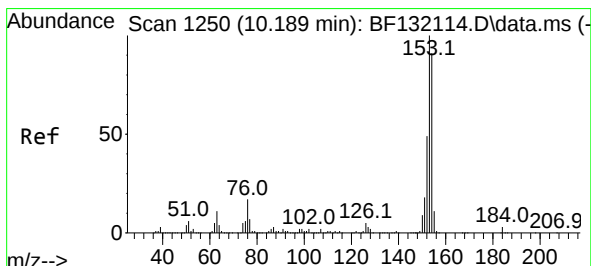
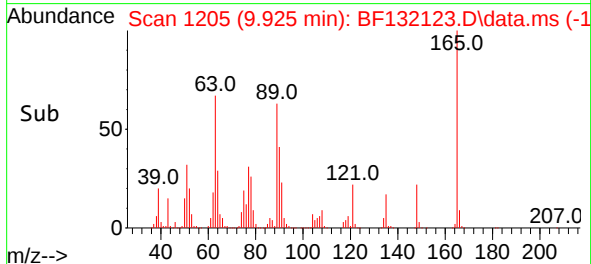
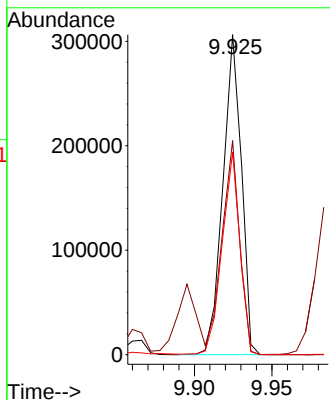
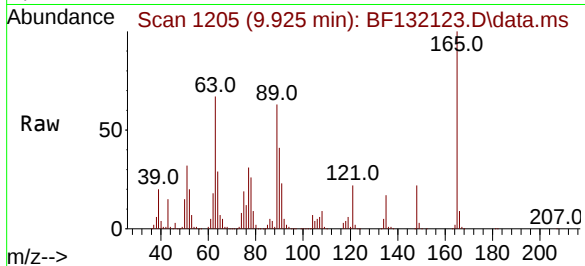




#51
2,6-Dinitrotoluene
Concen: 44.724 ng
RT: 9.925 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

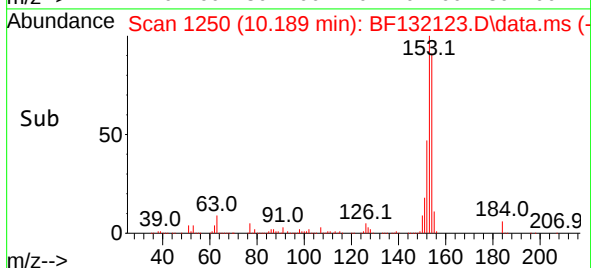
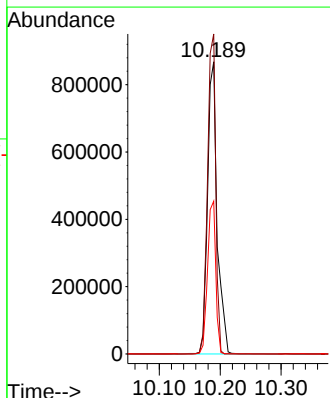
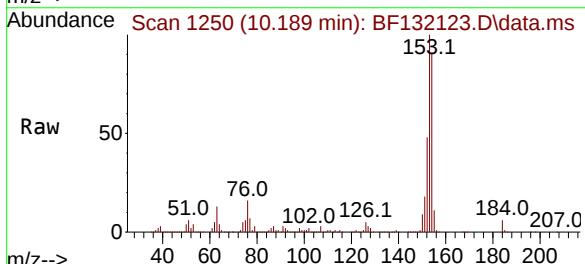
Instrument :
BNA_F
ClientSampleId :
PB150315BS

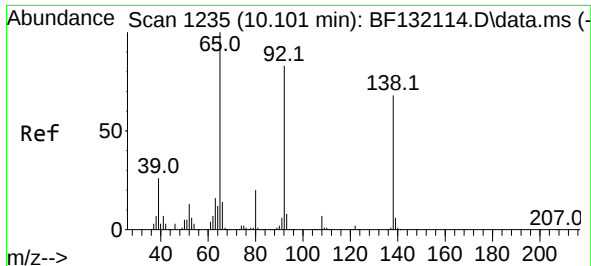
Tgt Ion:165 Resp: 253922
Ion Ratio Lower Upper
165 100
63 66.9 57.0 85.4
89 63.4 54.0 81.0



#52
Acenaphthene
Concen: 46.068 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:154 Resp: 956141
Ion Ratio Lower Upper
154 100
153 109.5 87.6 131.4
152 52.3 42.6 64.0

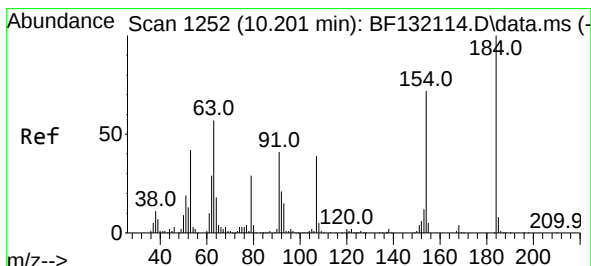
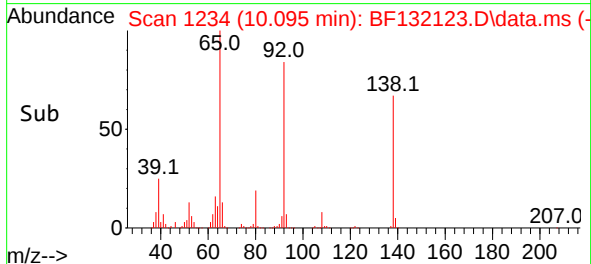
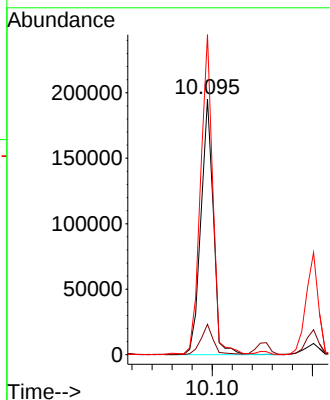
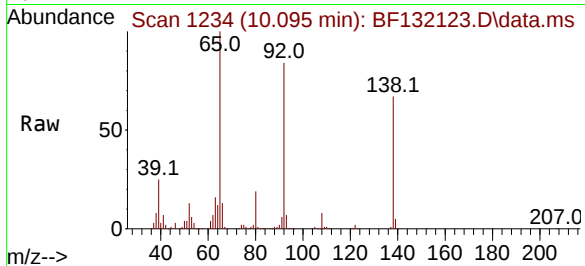




#53
3-Nitroaniline
Concen: 28.126 ng
RT: 10.095 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

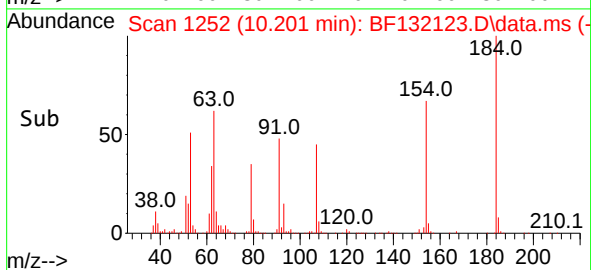
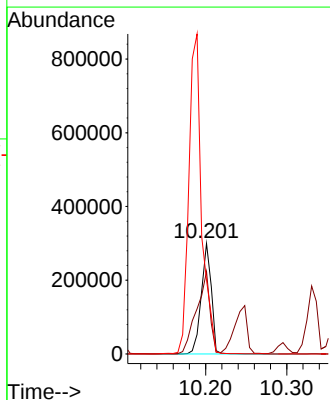
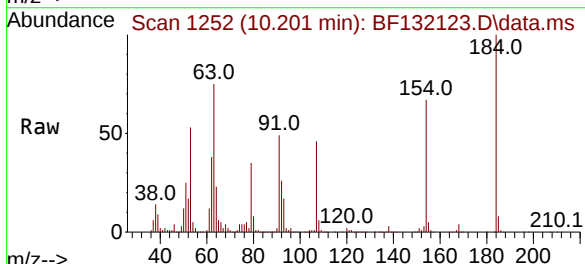
Instrument :
BNA_F
ClientSampleId :
PB150315BS

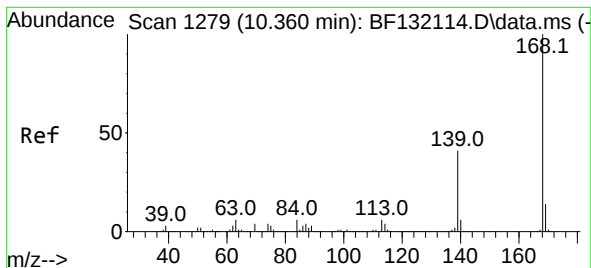
Tgt Ion:138 Resp: 169052
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 125.2 97.4 146.2



#54
2,4-Dinitrophenol
Concen: 107.164 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:184 Resp: 258507
Ion Ratio Lower Upper
184 100
63 74.6 45.8 68.8#
154 66.8 59.2 88.8





#55

Dibenzofuran

Concen: 40.956 ng

RT: 10.360 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

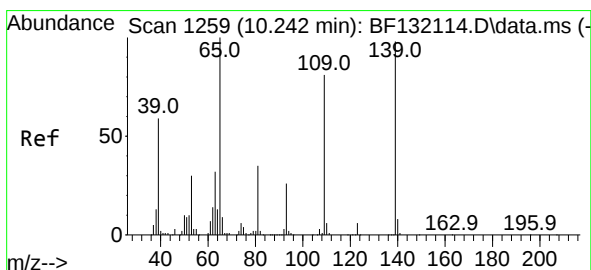
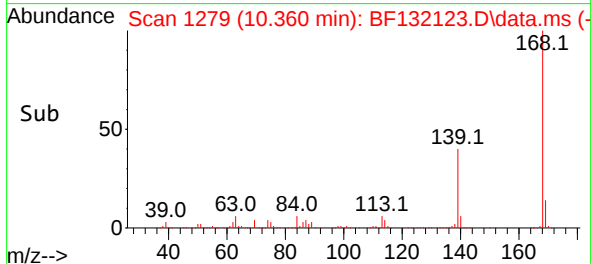
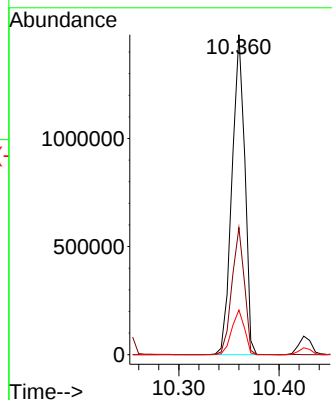
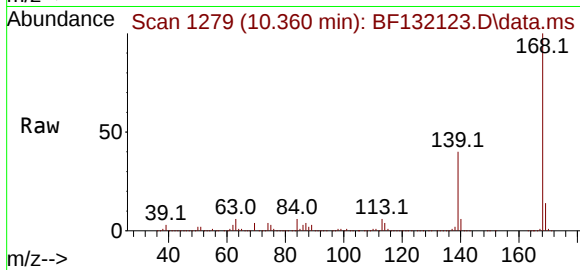
Tgt Ion:168 Resp: 1307931

Ion Ratio Lower Upper

168 100

139 39.7 32.6 49.0

169 13.9 11.0 16.4



#56

4-Nitrophenol

Concen: 90.563 ng

RT: 10.248 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

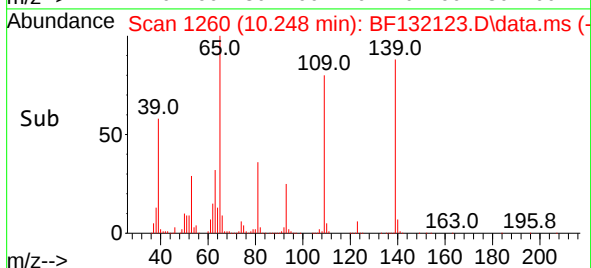
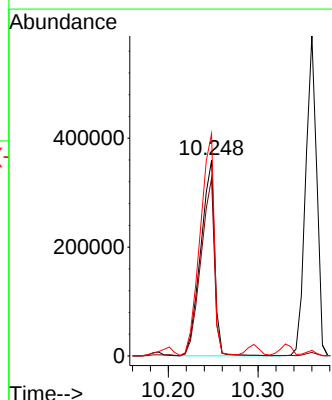
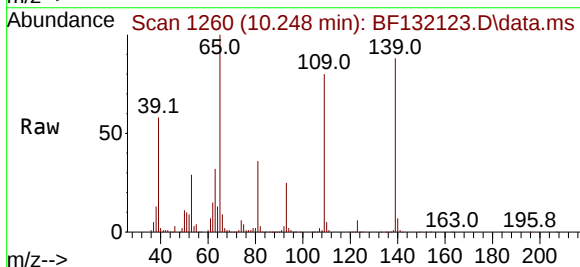
Tgt Ion:139 Resp: 388895

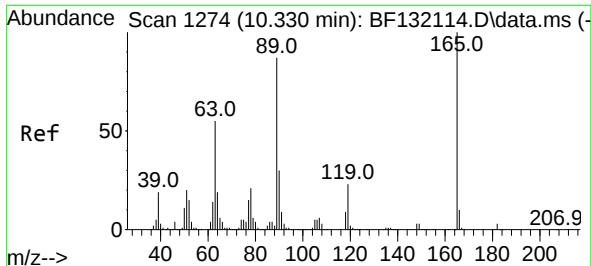
Ion Ratio Lower Upper

139 100

109 90.8 62.1 102.1

65 113.6 82.2 122.2

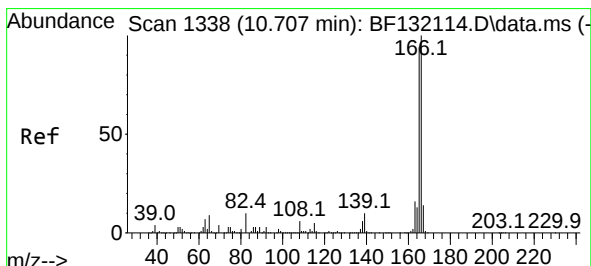
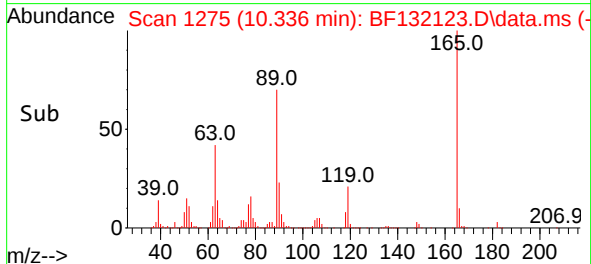
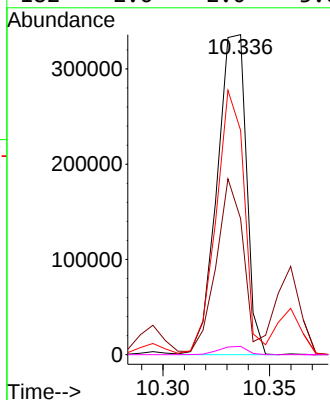
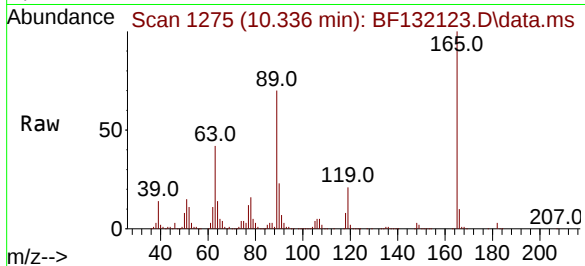




#57
2,4-Dinitrotoluene
Concen: 45.836 ng
RT: 10.336 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

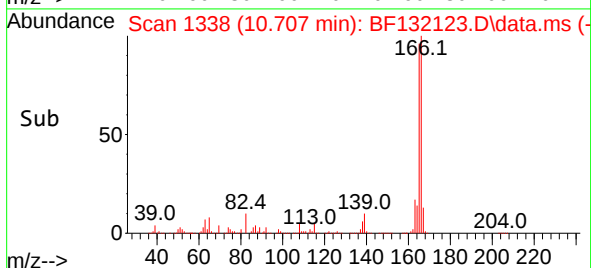
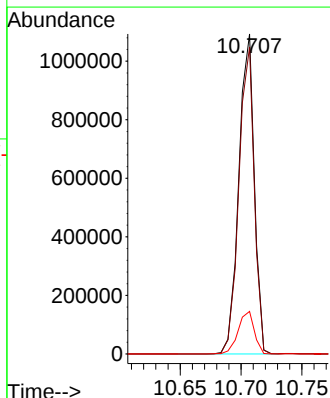
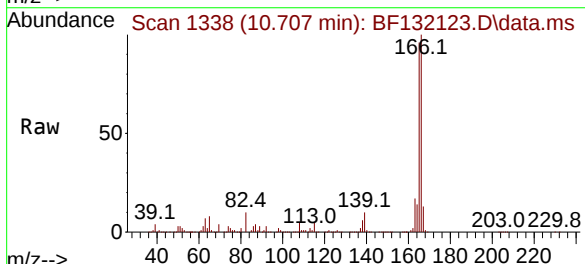
Instrument :
BNA_F
ClientSampleId :
PB150315BS

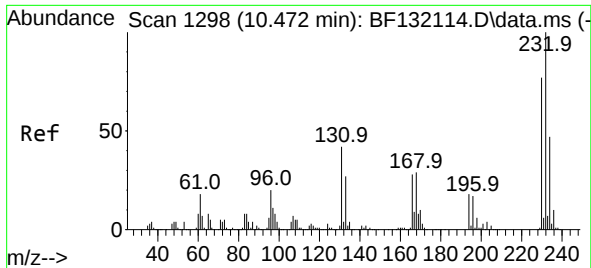
Tgt Ion:165 Resp: 321437
Ion Ratio Lower Upper
165 100
63 42.5 44.1 66.1#
89 70.1 69.3 103.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 40.796 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:166 Resp: 966182
Ion Ratio Lower Upper
166 100
165 96.0 75.2 112.8
167 13.3 10.9 16.3

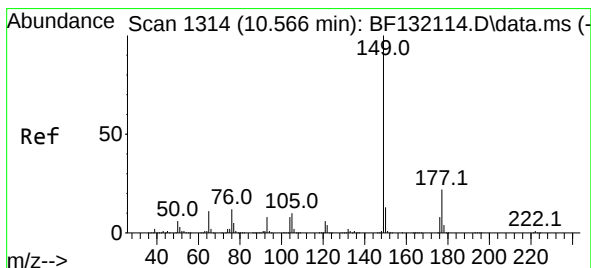
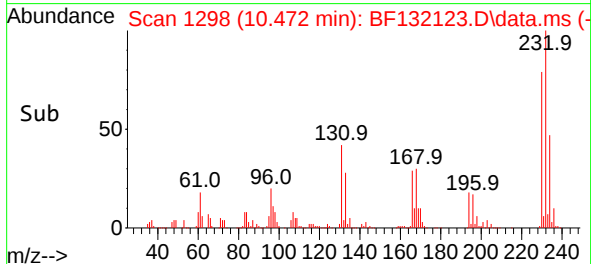
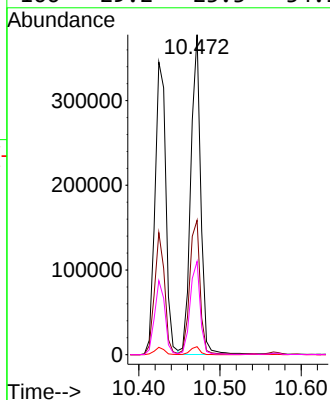
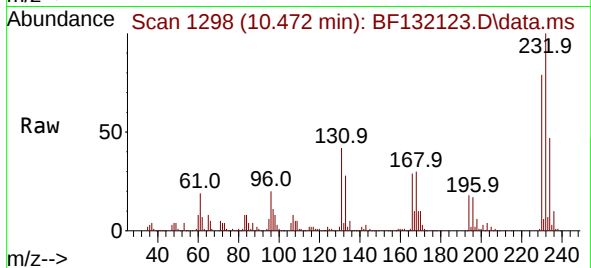




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.369 ng
RT: 10.472 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

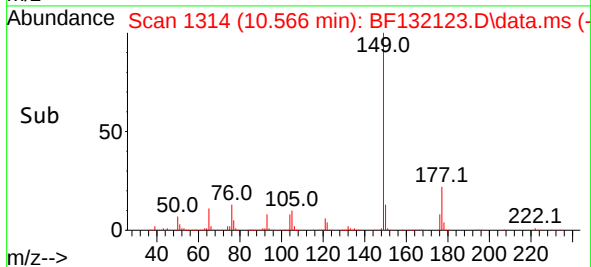
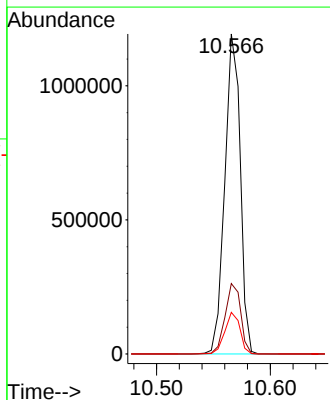
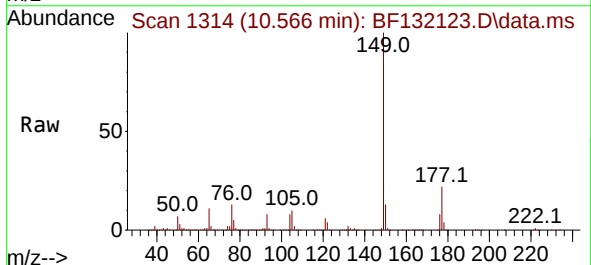
Instrument :
BNA_F
ClientSampleId :
PB150315BS

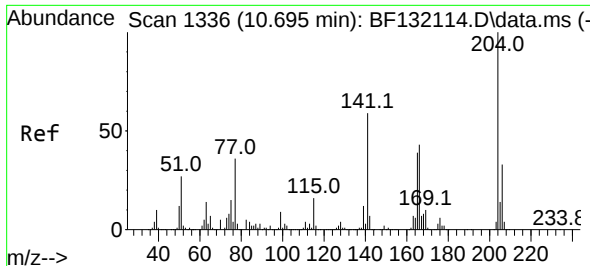
Tgt Ion:232 Resp: 323643
Ion Ratio Lower Upper
232 100
131 43.5 34.3 51.5
130 2.4 1.9 2.9
166 29.2 23.3 34.9



#60
Diethylphthalate
Concen: 42.248 ng
RT: 10.566 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:149 Resp: 1129045
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 13.0 10.4 15.6

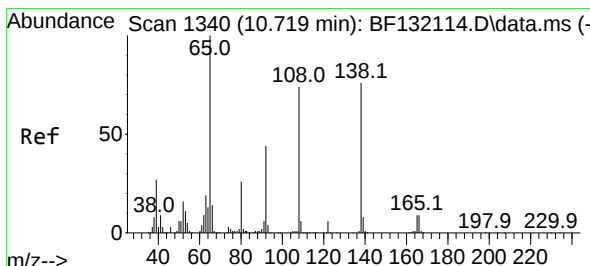
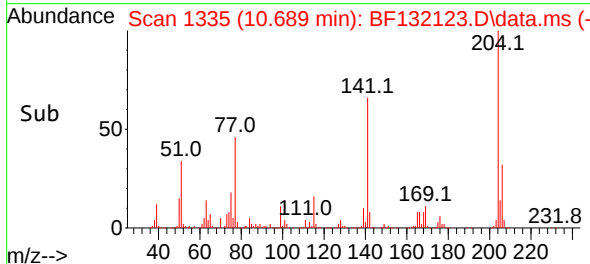
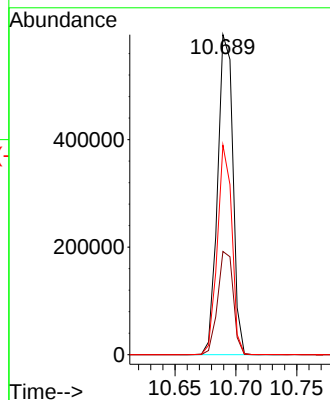
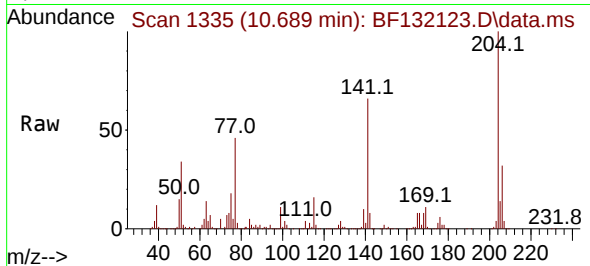




#61
4-Chlorophenyl-phenylether
Concen: 40.969 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

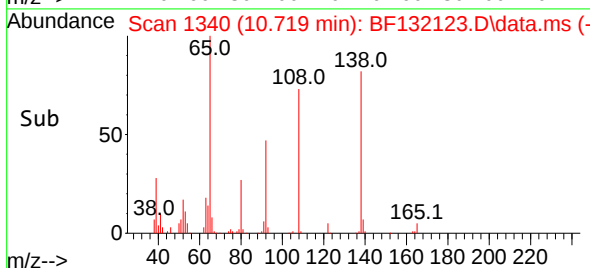
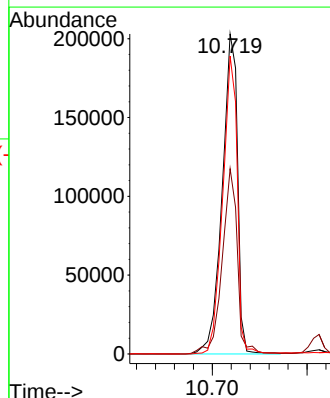
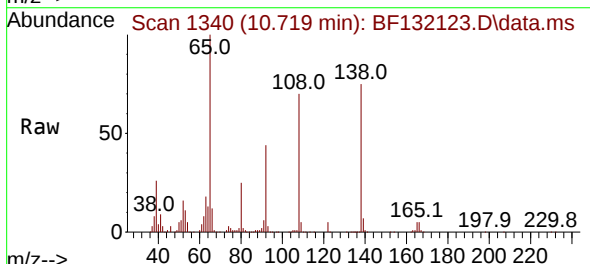
Instrument :
BNA_F
ClientSampleId :
PB150315BS

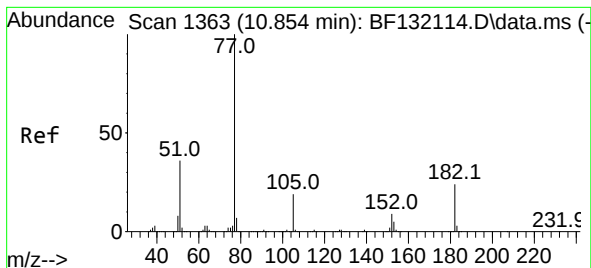
Tgt Ion:204 Resp: 521515
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 65.5 47.1 70.7



#62
4-Nitroaniline
Concen: 42.323 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:138 Resp: 229398
Ion Ratio Lower Upper
138 100
92 57.9 38.7 78.7
108 93.1 77.1 117.1





#63

Azobenzene

Concen: 41.246 ng

RT: 10.854 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

Tgt Ion: 77 Resp: 1073678

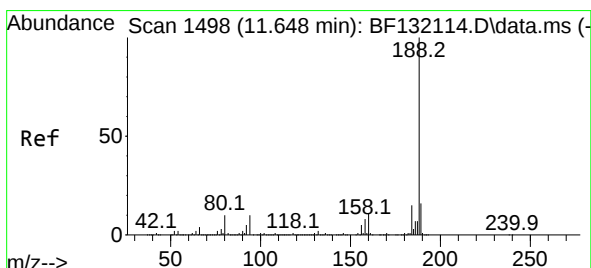
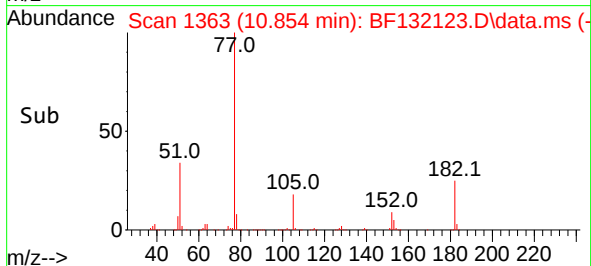
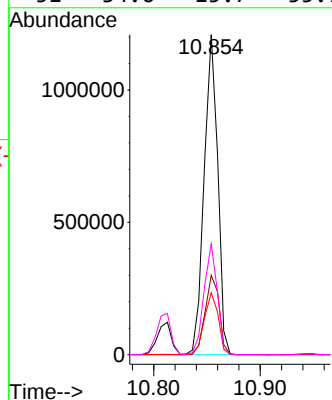
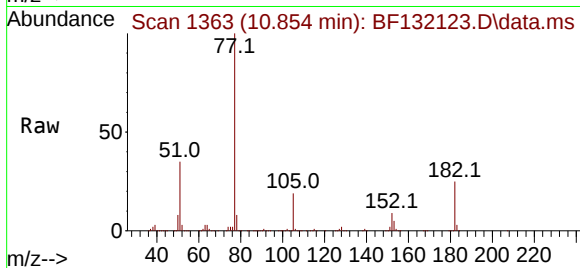
Ion Ratio Lower Upper

77 100

182 24.8 4.1 44.1

105 19.4 0.0 39.1

51 34.6 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

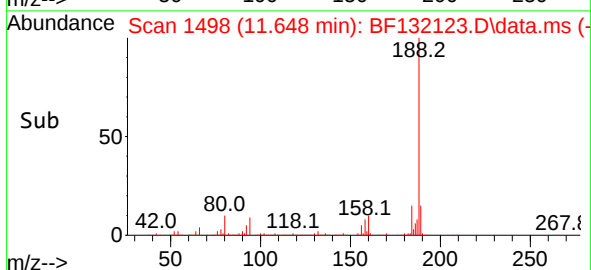
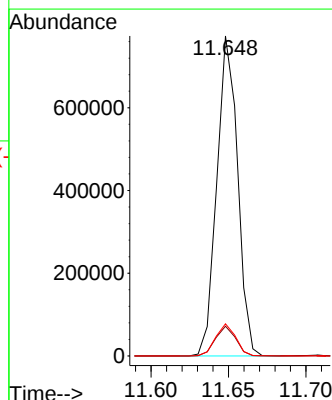
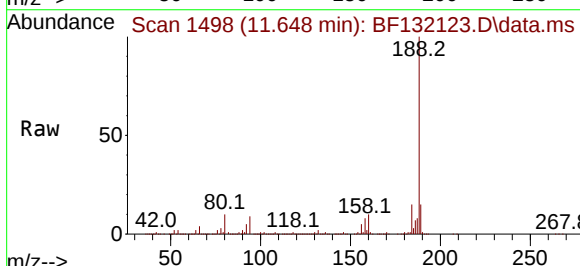
Tgt Ion: 188 Resp: 721237

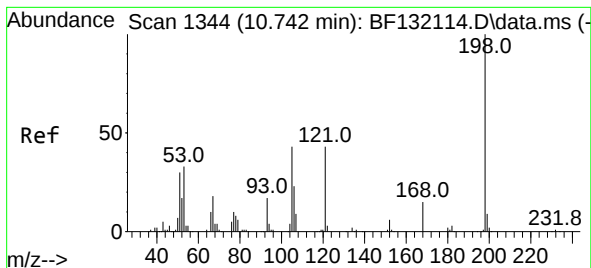
Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

80 10.0 8.2 12.4

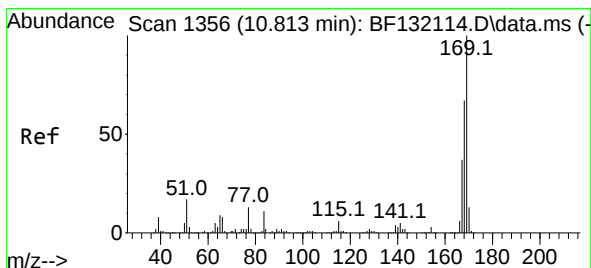
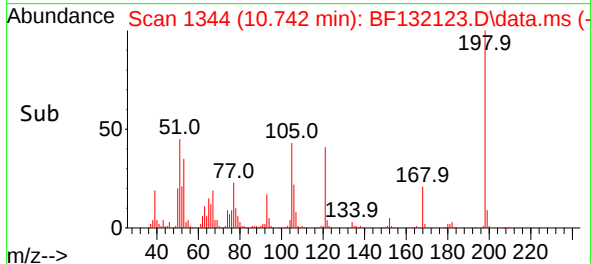
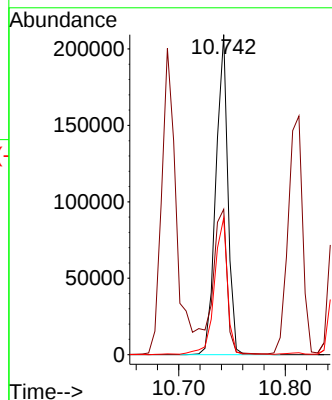
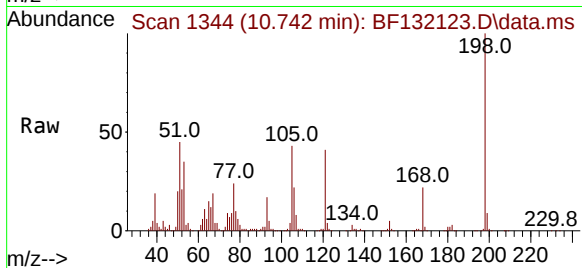




#65
4,6-Dinitro-2-methylphenol
Concen: 48.847 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

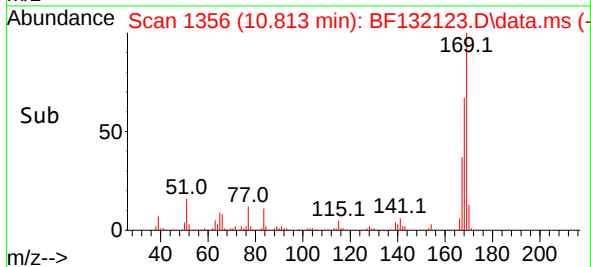
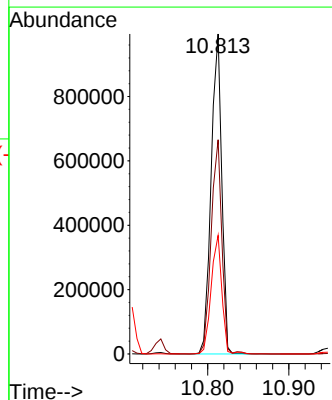
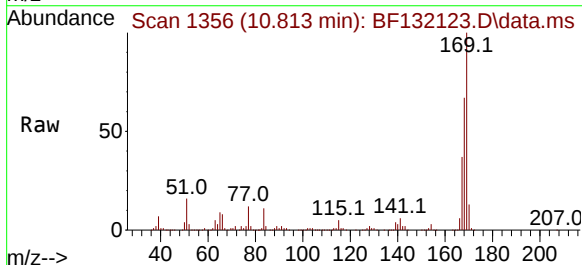
Instrument :
BNA_F
ClientSampleId :
PB150315BS

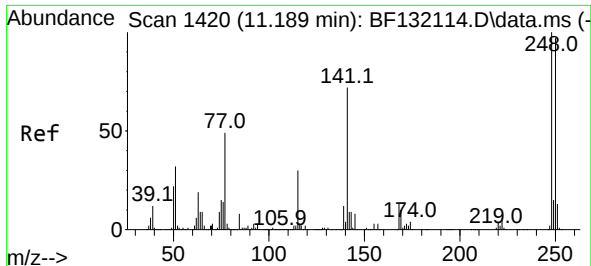
Tgt Ion:198 Resp: 163834
Ion Ratio Lower Upper
198 100
51 45.4 28.4 68.4
105 42.7 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 41.562 ng
RT: 10.813 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:169 Resp: 899622
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 37.1 29.4 44.0

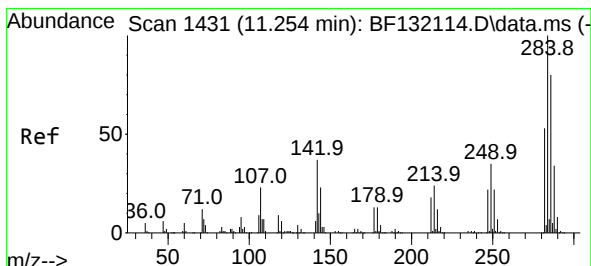
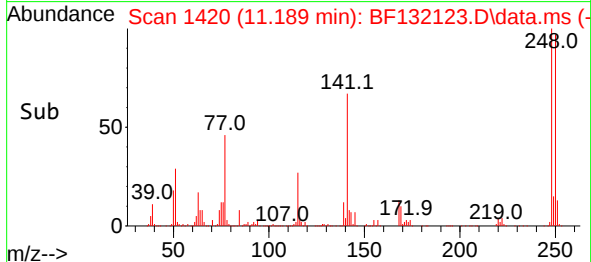
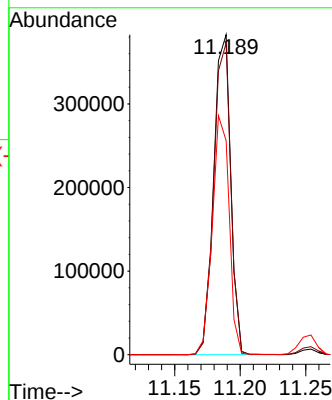
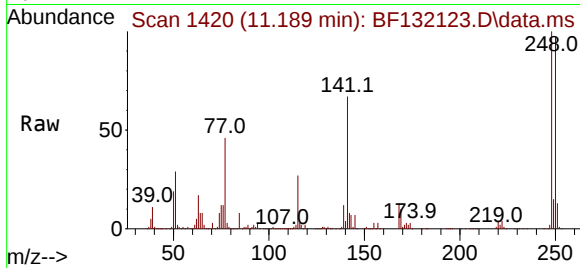




#67
4-Bromophenyl-phenylether
Concen: 42.293 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

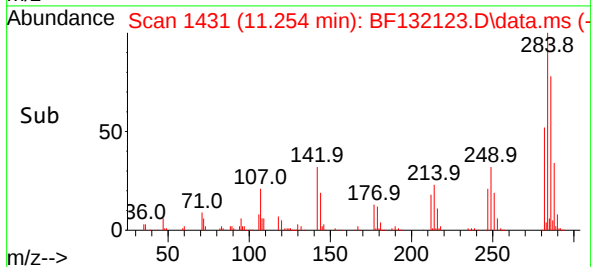
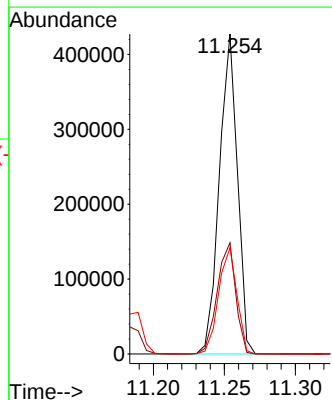
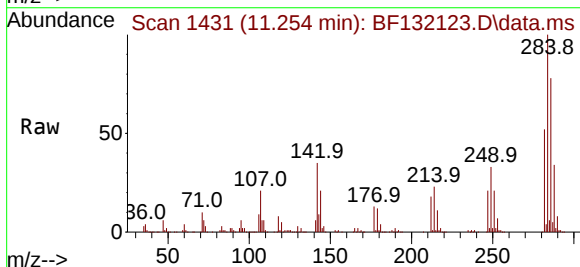
Instrument :
BNA_F
ClientSampleId :
PB150315BS

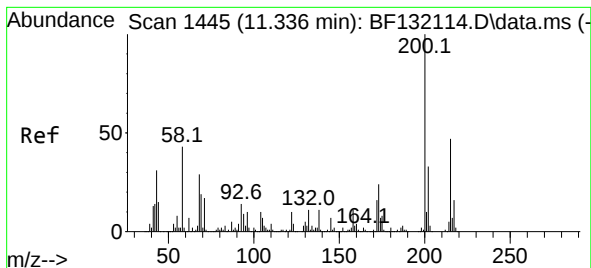
Tgt Ion:248 Resp: 346497
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 66.9 57.6 86.4



#68
Hexachlorobenzene
Concen: 45.648 ng
RT: 11.254 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:284 Resp: 376265
Ion Ratio Lower Upper
284 100
142 34.8 29.4 44.2
249 33.2 27.7 41.5





#69

Atrazine

Concen: 45.696 ng

RT: 11.336 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

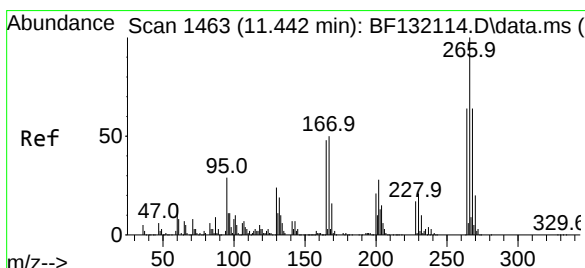
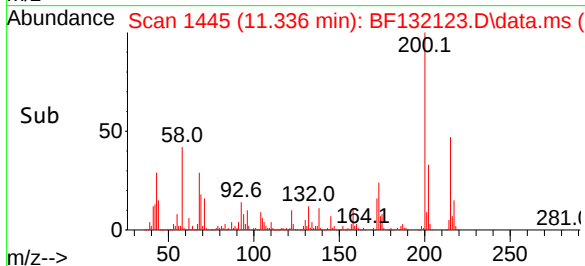
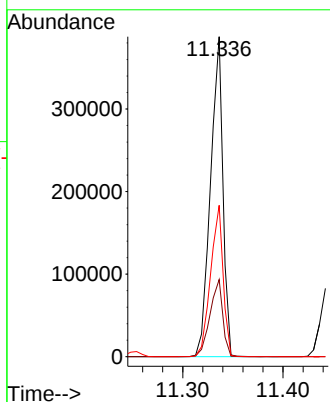
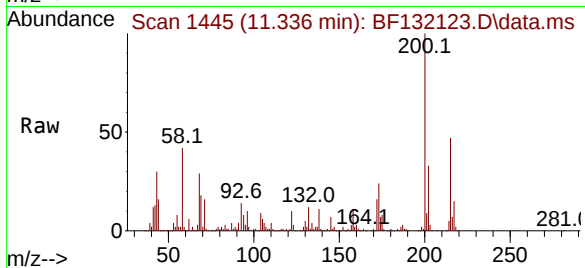
Tgt Ion:200 Resp: 332872

Ion Ratio Lower Upper

200 100

173 24.1 4.6 44.6

215 47.3 27.3 67.3



#70

Pentachlorophenol

Concen: 79.747 ng

RT: 11.448 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

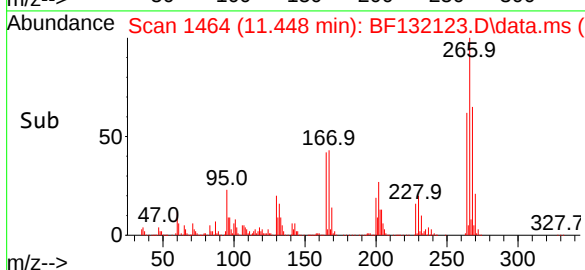
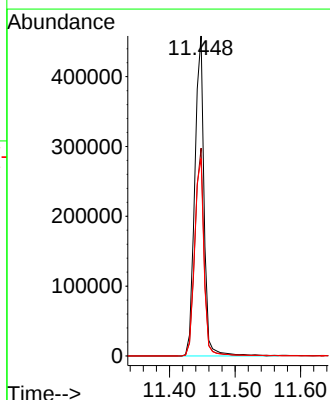
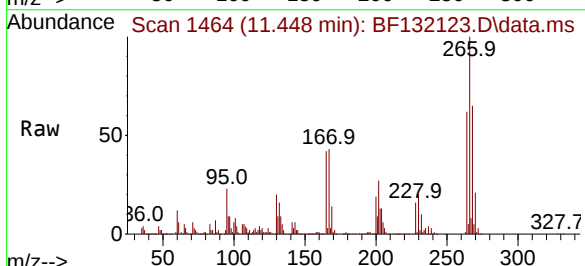
Tgt Ion:266 Resp: 451611

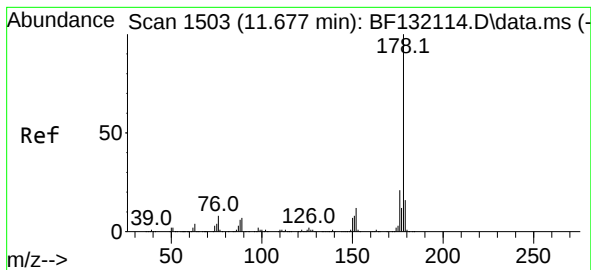
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 61.8 51.6 77.4





#71

Phenanthrene

Concen: 42.736 ng

RT: 11.677 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

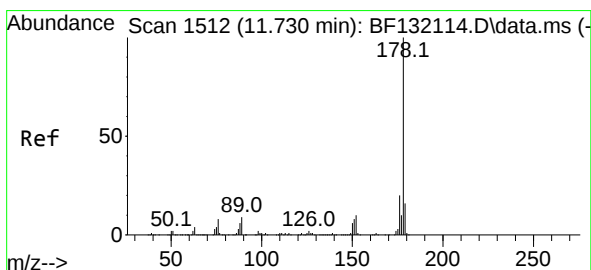
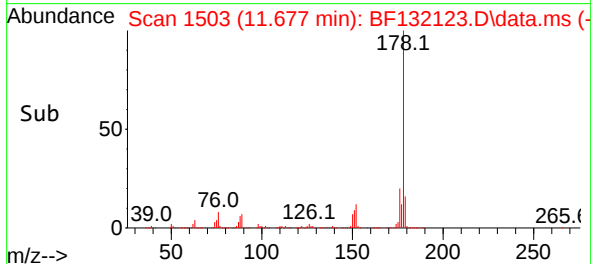
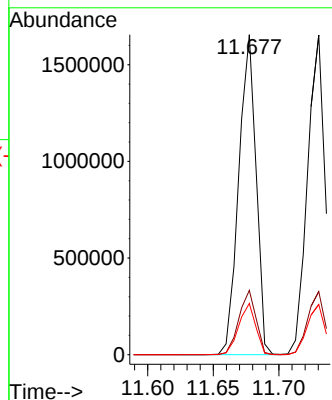
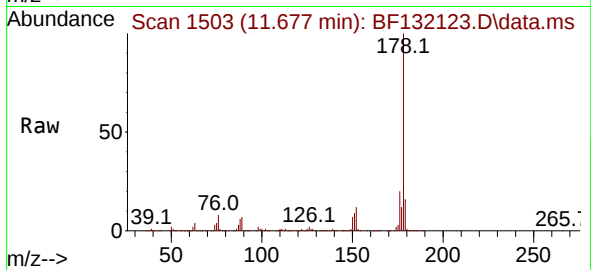
Tgt Ion:178 Resp: 1523725

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

179 16.0 12.7 19.1



#72

Anthracene

Concen: 41.938 ng

RT: 11.730 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

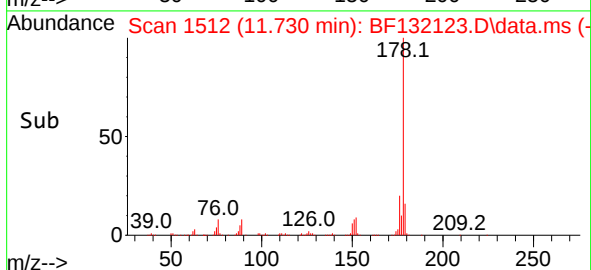
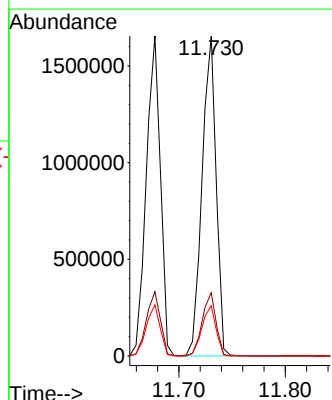
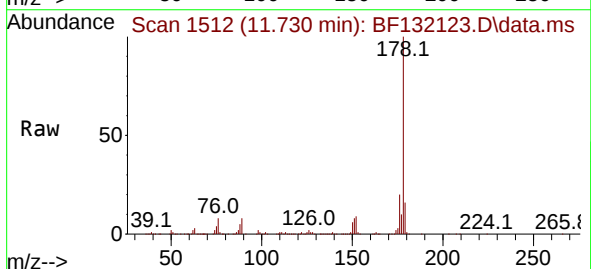
Tgt Ion:178 Resp: 1520377

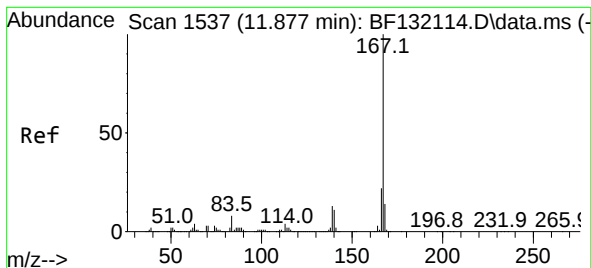
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.7 12.9 19.3





#73

Carbazole

Concen: 42.893 ng

RT: 11.877 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

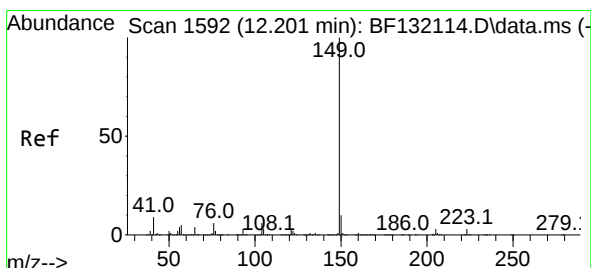
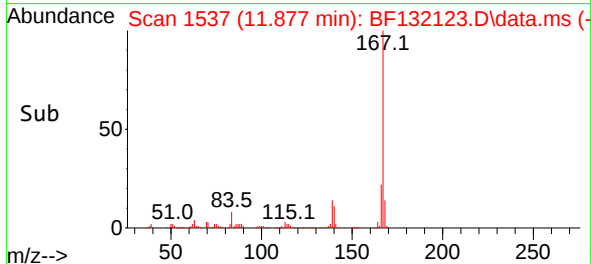
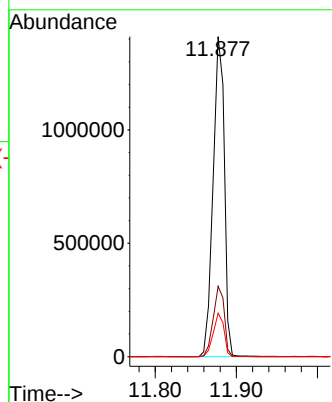
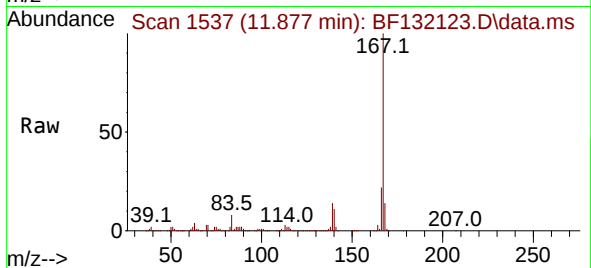
Tgt Ion:167 Resp: 1356839

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 44.841 ng

RT: 12.201 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

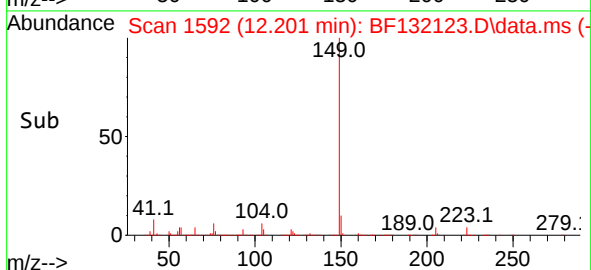
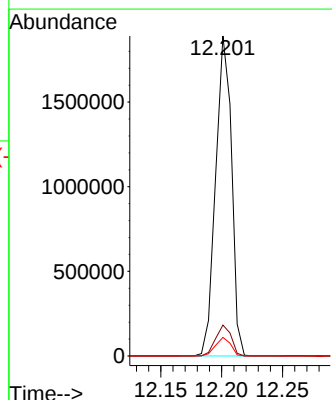
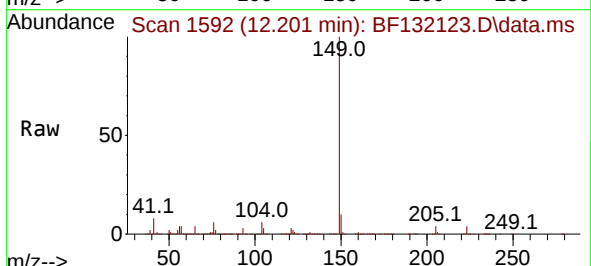
Tgt Ion:149 Resp: 1722532

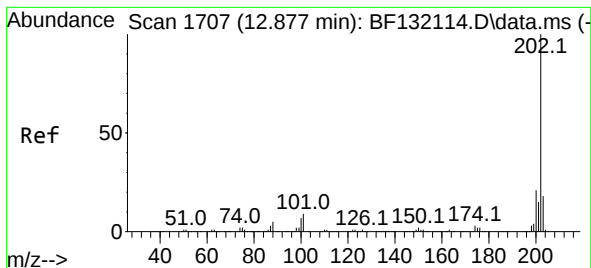
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 5.8 4.8 7.2





#75

Fluoranthene

Concen: 43.839 ng

RT: 12.877 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

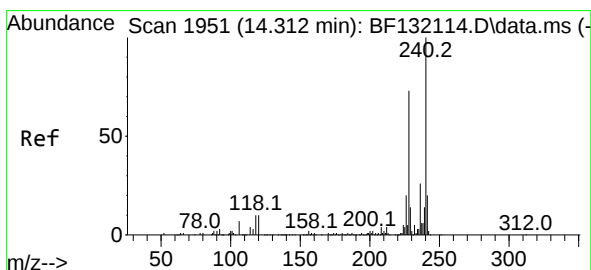
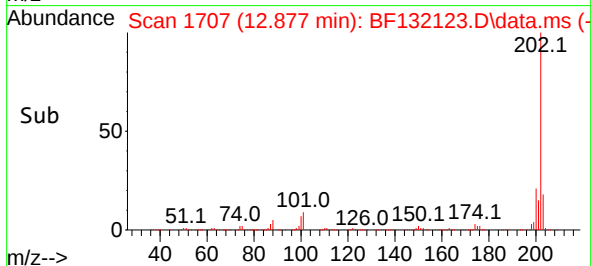
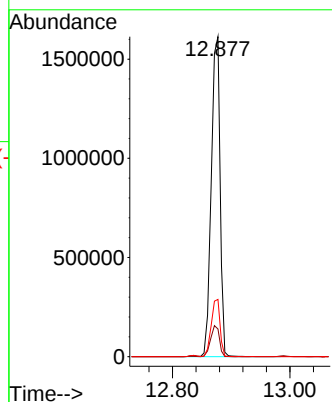
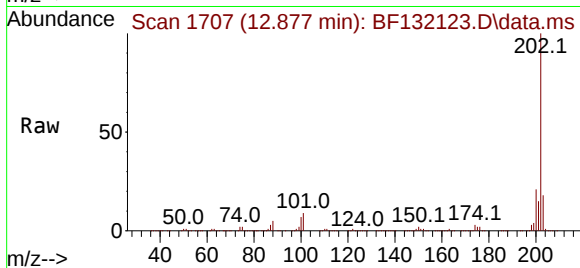
Tgt Ion:202 Resp: 1674277

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

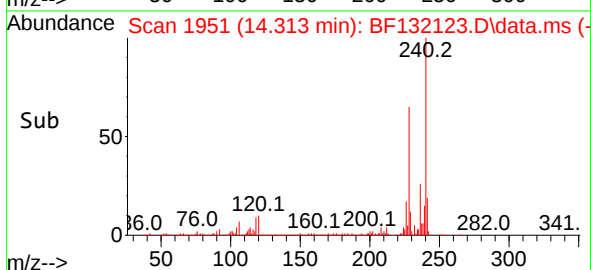
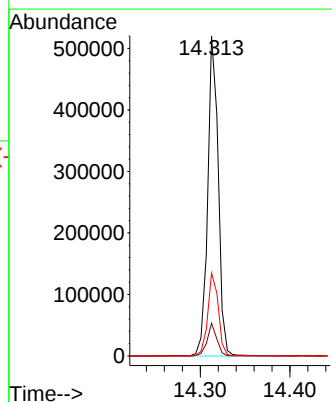
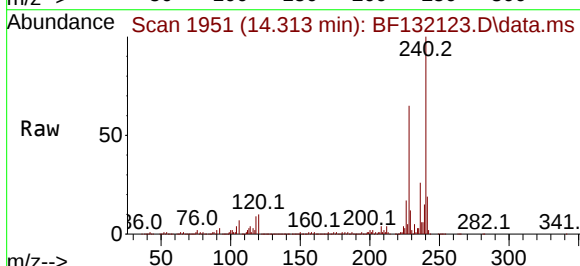
Tgt Ion:240 Resp: 424557

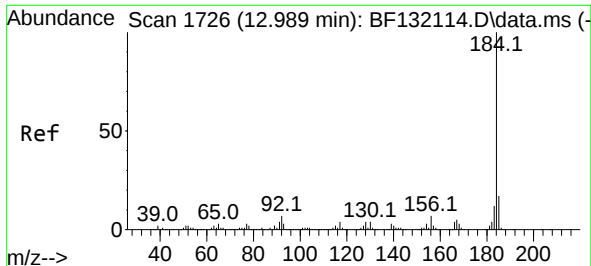
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.4

236 25.9 21.2 31.8

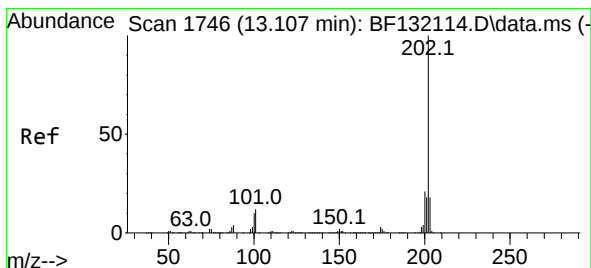
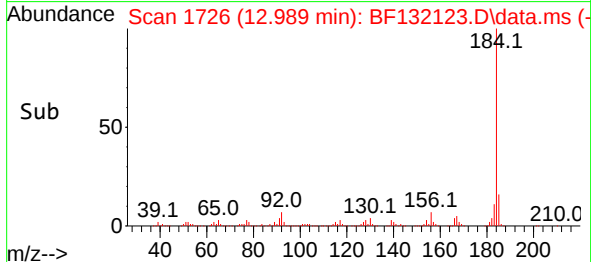
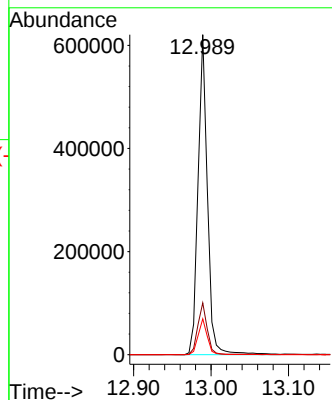
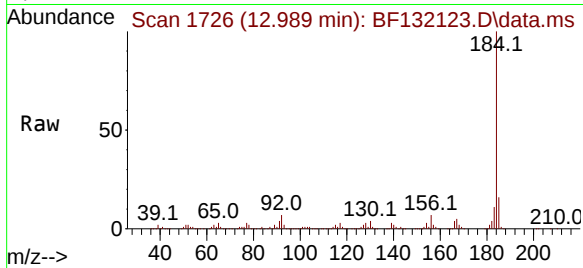




#77
Benzidine
Concen: 45.745 ng
RT: 12.989 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

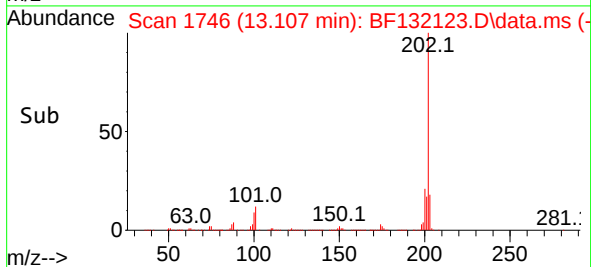
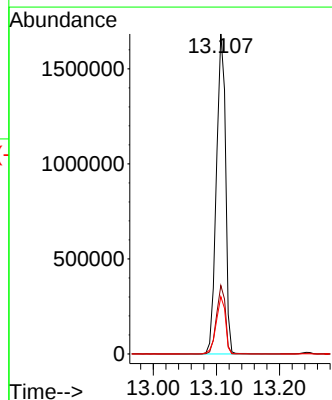
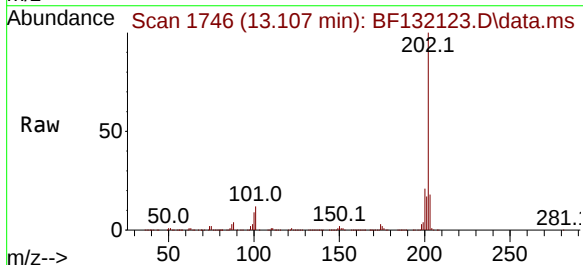
Instrument :
BNA_F
ClientSampleId :
PB150315BS

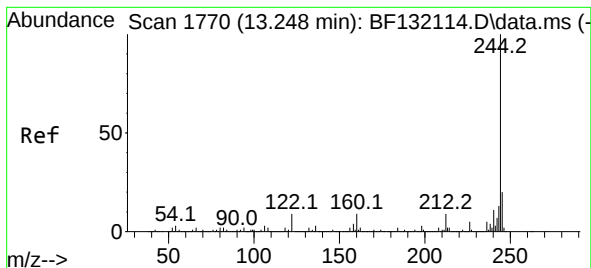
Tgt Ion:184 Resp: 522976
Ion Ratio Lower Upper
184 100
185 16.2 13.7 20.5
183 11.2 9.4 14.0



#78
Pyrene
Concen: 41.561 ng
RT: 13.107 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:202 Resp: 1688945
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 81.824 ng

RT: 13.248 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

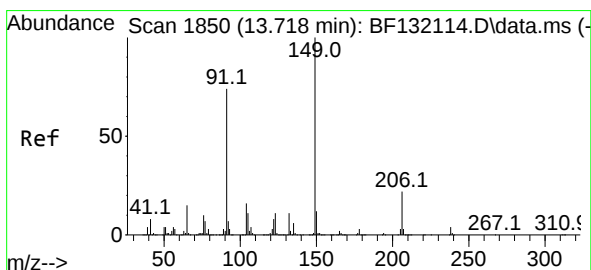
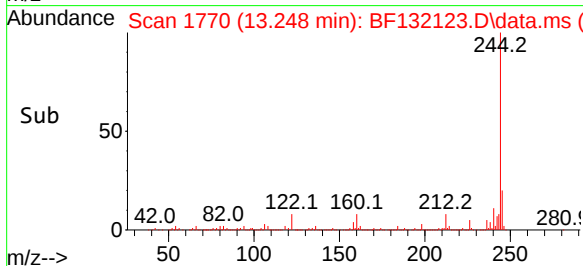
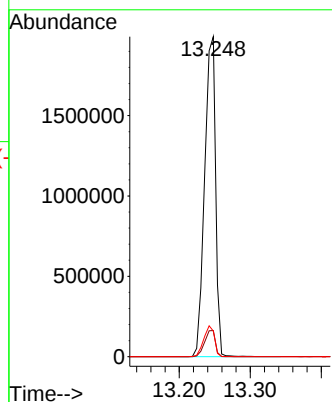
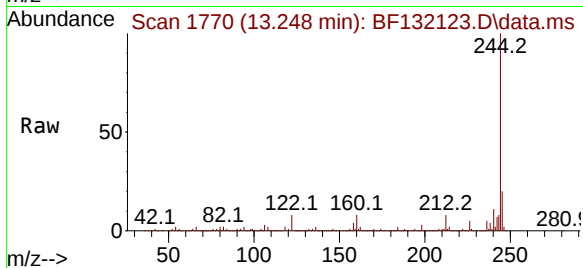
Tgt Ion:244 Resp: 2141040

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 8.0 7.0 10.6



#80

Butylbenzylphthalate

Concen: 46.561 ng

RT: 13.719 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

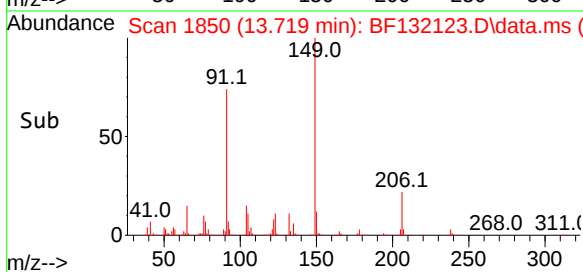
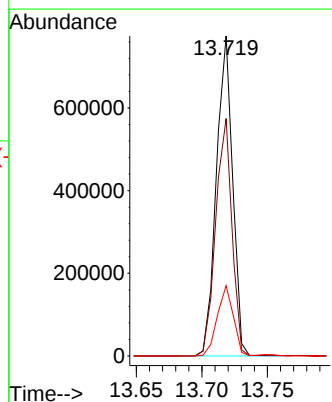
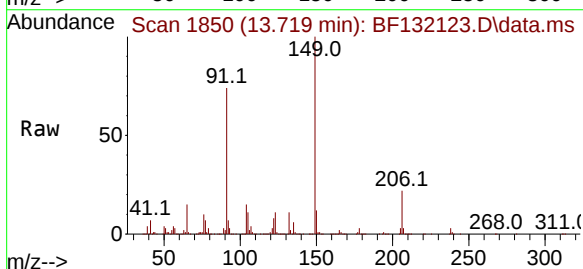
Tgt Ion:149 Resp: 666961

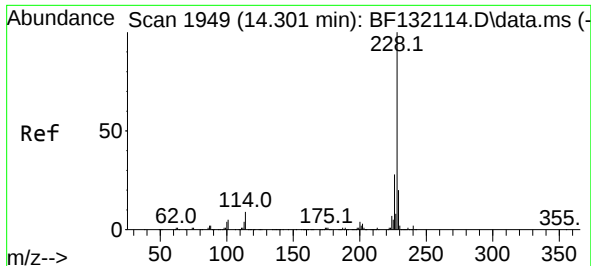
Ion Ratio Lower Upper

149 100

91 74.2 59.2 88.8

206 22.0 17.3 25.9

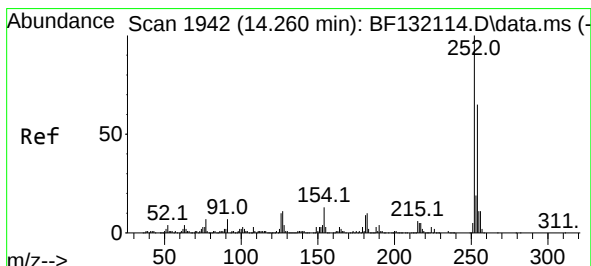
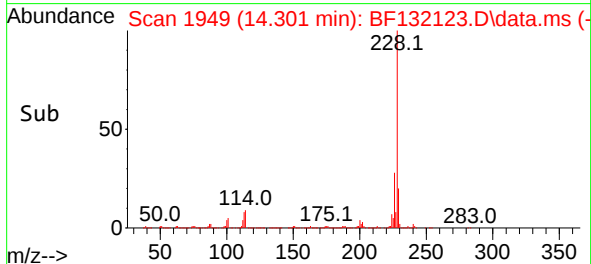
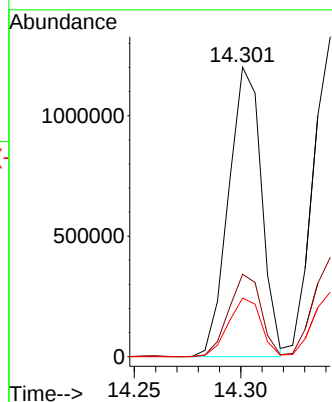
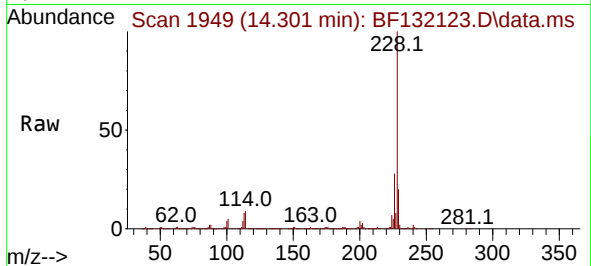




#81
Benzo(a)anthracene
Concen: 43.633 ng
RT: 14.301 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

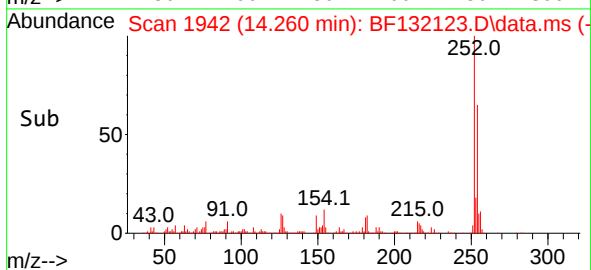
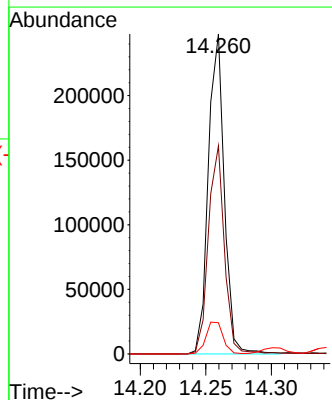
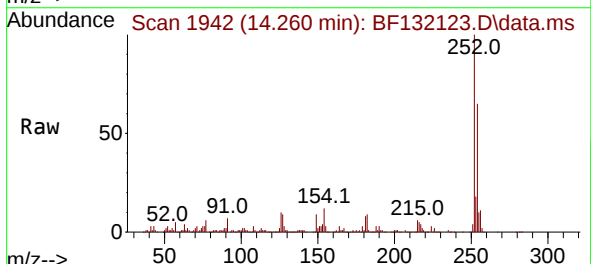
Instrument :
BNA_F
ClientSampleId :
PB150315BS

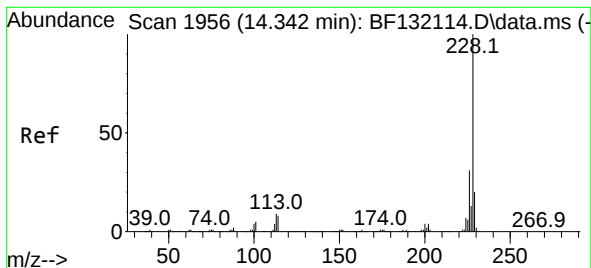
Tgt Ion:228 Resp: 1294747
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.4
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 26.712 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:252 Resp: 210845
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.2
126 9.8 8.2 12.4





#83

Chrysene

Concen: 43.435 ng

RT: 14.342 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

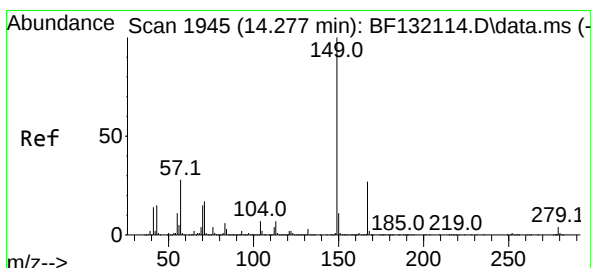
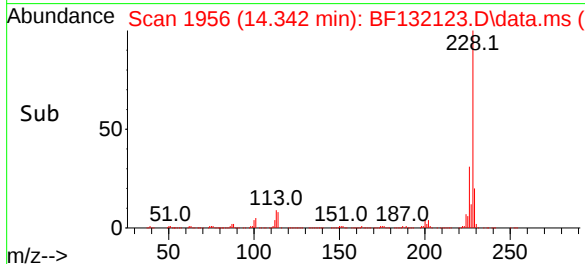
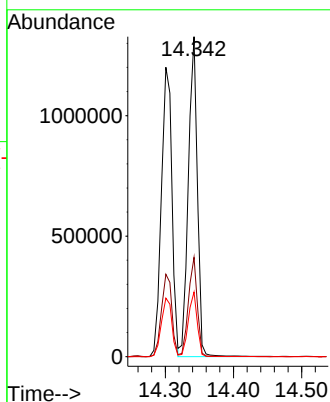
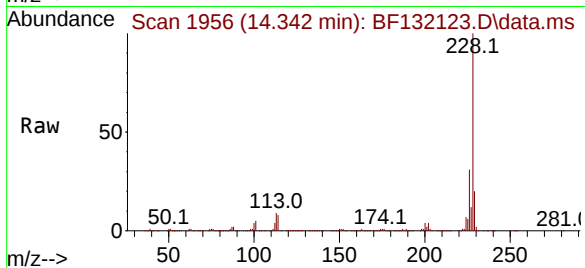
Tgt Ion:228 Resp: 1211606

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.069 ng

RT: 14.277 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

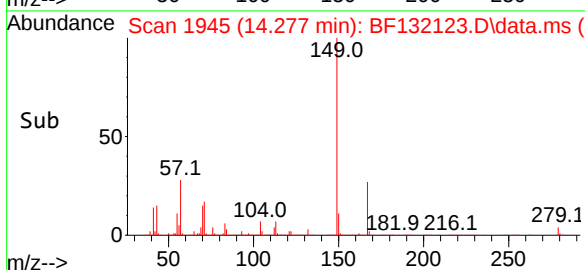
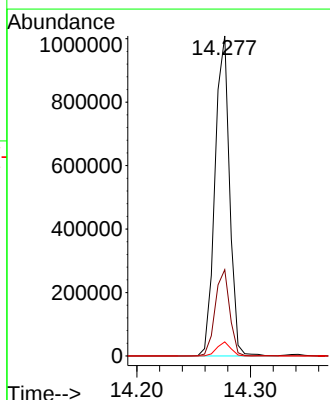
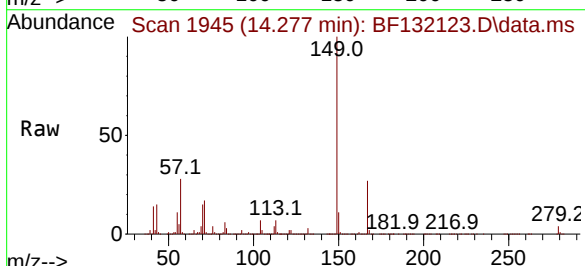
Tgt Ion:149 Resp: 900483

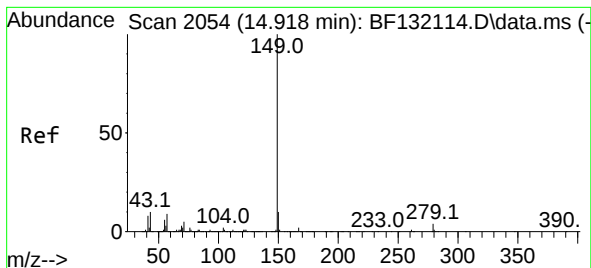
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.557 ng

RT: 14.918 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

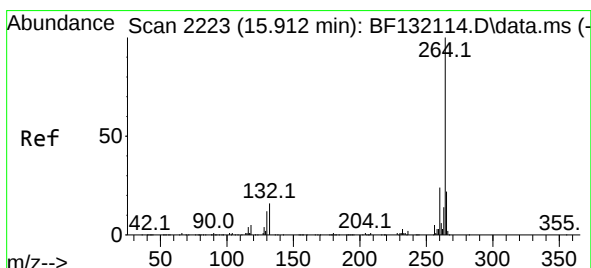
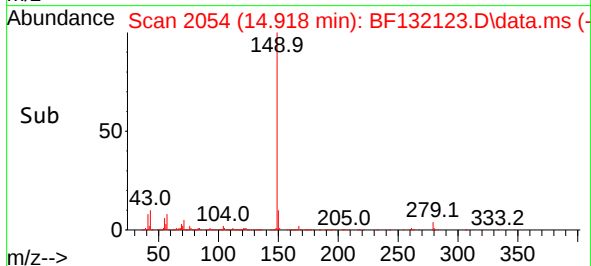
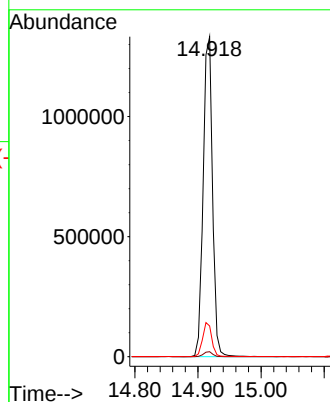
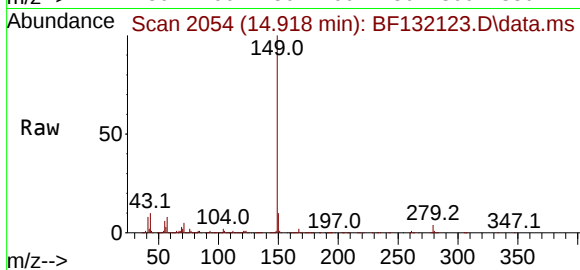
Tgt Ion:149 Resp: 1364880

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.912 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

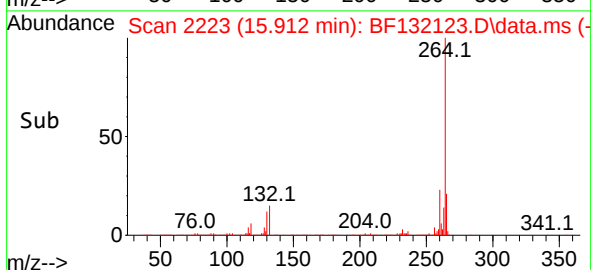
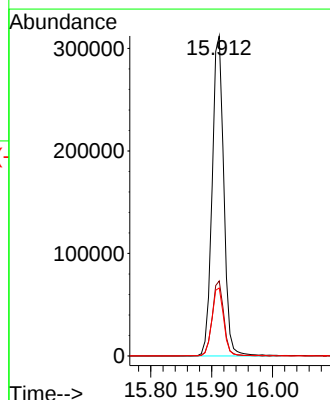
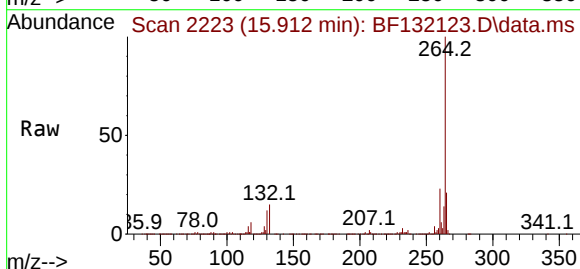
Tgt Ion:264 Resp: 415622

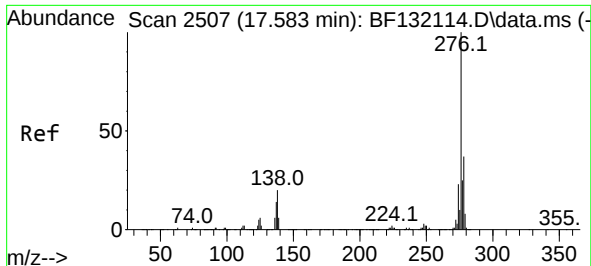
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.3 17.5 26.3

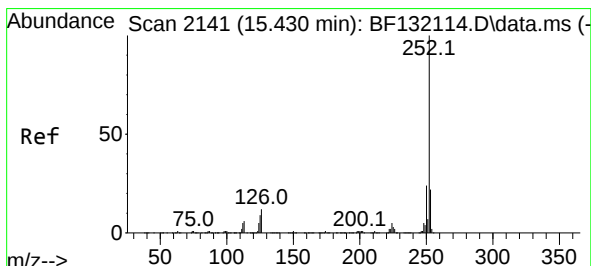
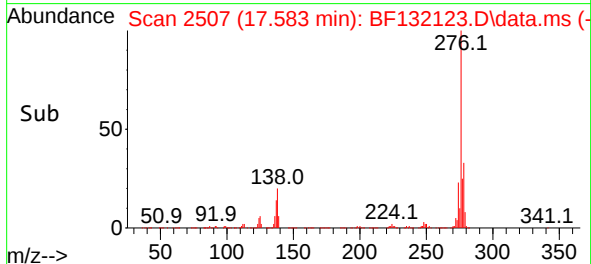
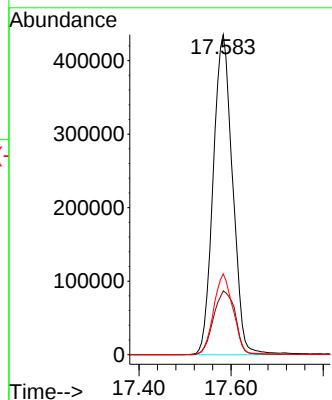
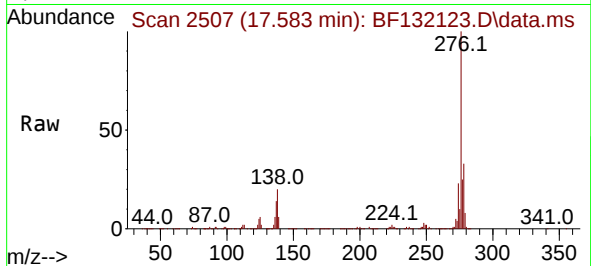




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.801 ng
 RT: 17.583 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

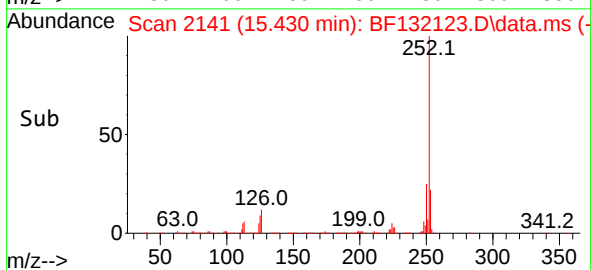
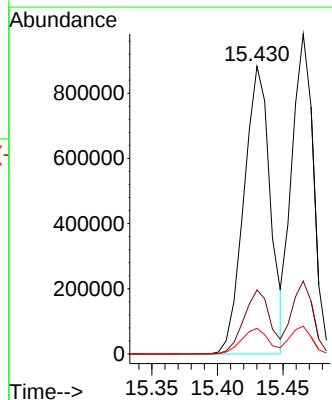
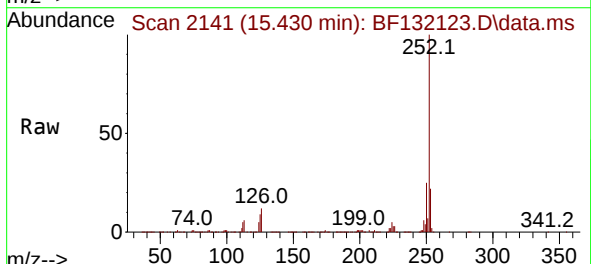
Instrument :
 BNA_F
 ClientSampleId :
 PB150315BS

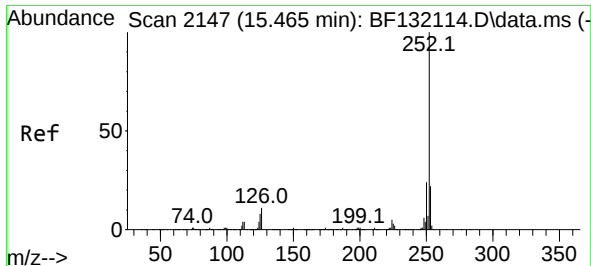
Tgt Ion:276 Resp: 1268531
 Ion Ratio Lower Upper
 276 100
 138 22.5 18.2 27.4
 277 25.4 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 47.396 ng
 RT: 15.430 min Scan# 2141
 Delta R.T. 0.000 min
 Lab File: BF132123.D
 Acq: 18 Jan 2023 17:47

Tgt Ion:252 Resp: 1239301
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 8.9 7.2 10.8

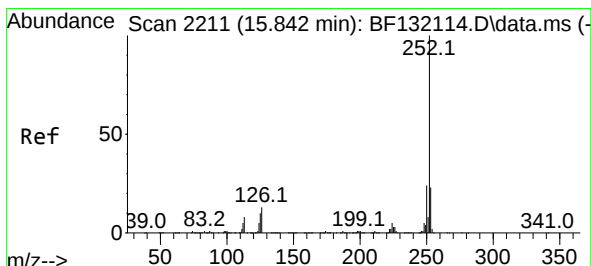
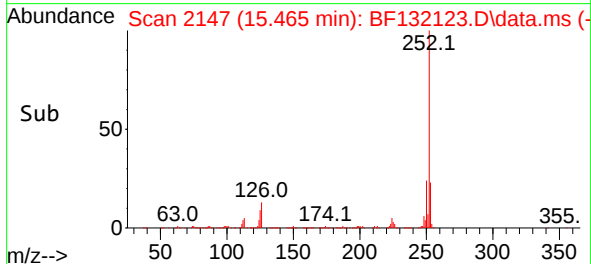
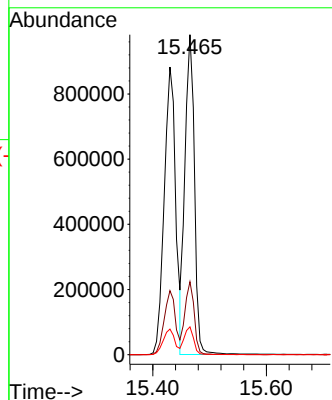
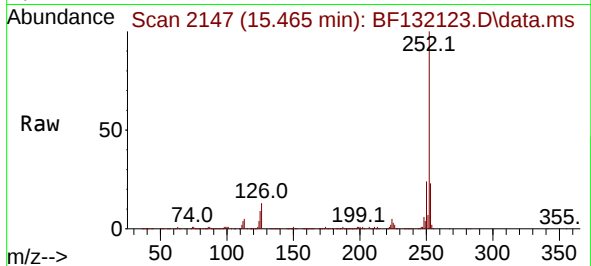




#89
Benzo(k)fluoranthene
Concen: 43.449 ng
RT: 15.465 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

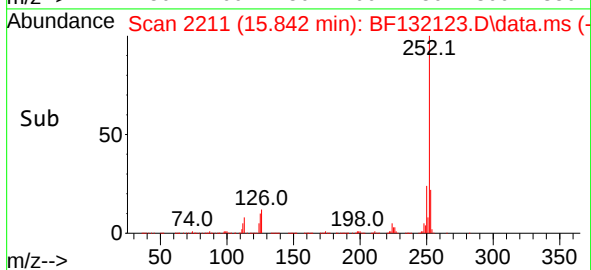
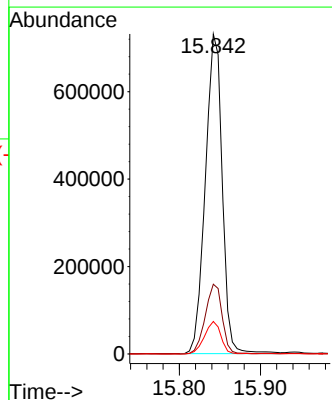
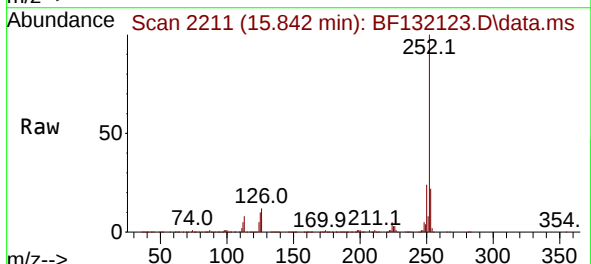
Instrument :
BNA_F
ClientSampleId :
PB150315BS

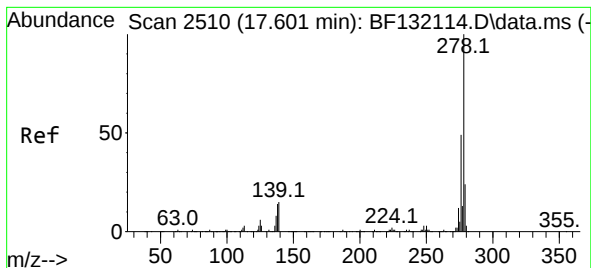
Tgt Ion:252 Resp: 1136483
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 8.7 6.7 10.1



#90
Benzo(a)pyrene
Concen: 44.686 ng
RT: 15.842 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF132123.D
Acq: 18 Jan 2023 17:47

Tgt Ion:252 Resp: 1056306
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 10.2 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 52.159 ng

RT: 17.606 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150315BS

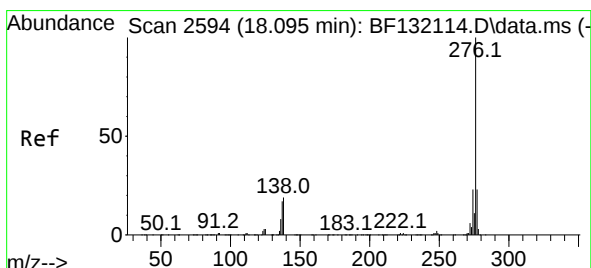
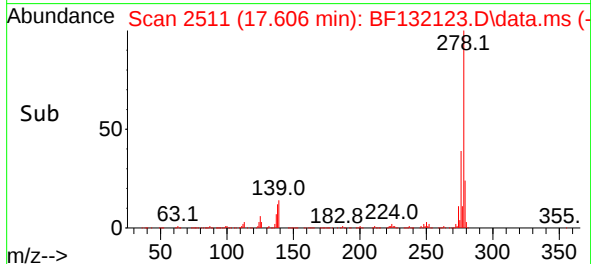
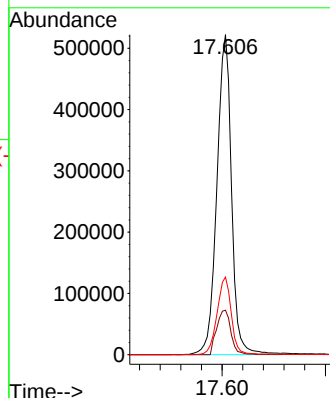
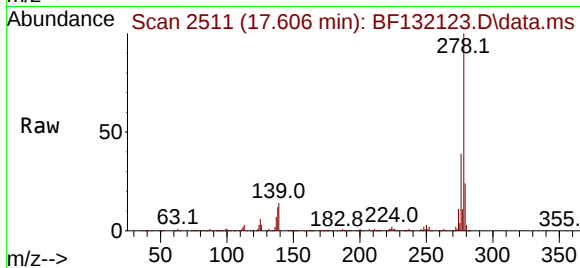
Tgt Ion:278 Resp: 1026356

Ion Ratio Lower Upper

278 100

139 13.9 11.8 17.8

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.272 ng

RT: 18.095 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BF132123.D

Acq: 18 Jan 2023 17:47

Tgt Ion:276 Resp: 1071657

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.0 15.4 23.2

