

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132803.D
 Acq On : 15 Mar 2023 15:04
 Operator : CG\JU
 Sample : PB151432BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151432BS

Quant Time: Mar 16 05:43:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	235770	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	875771	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	444622	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	915478	20.000	ng	0.00
76) Chrysene-d12	14.163	240	504027	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	469711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1373179	94.526	ng	0.02
7) Phenol-d6	6.604	99	1789493	94.387	ng	0.00
23) Nitrobenzene-d5	7.534	82	1169236	63.343	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	489642	101.972	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1837265	62.919	ng	0.00
79) Terphenyl-d14	13.092	244	2137534	71.703	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	307723	38.294	ng	95
3) Pyridine	3.663	79	757156	35.497	ng	93
4) n-Nitrosodimethylamine	3.640	42	306784	38.077	ng	85
6) Aniline	6.634	93	905586	35.493	ng	96
8) 2-Chlorophenol	6.757	128	666958	44.236	ng	98
9) Benzaldehyde	6.522	77	374329	36.590	ng	93
10) Phenol	6.622	94	896493	41.244	ng	98
11) bis(2-Chloroethyl)ether	6.704	93	729965	43.502	ng	94
12) 1,3-Dichlorobenzene	6.910	146	715356	44.213	ng	96
13) 1,4-Dichlorobenzene	6.987	146	715125	44.264	ng	97
14) 1,2-Dichlorobenzene	7.140	146	644153	41.545	ng	98
15) Benzyl Alcohol	7.110	79	587904	40.264	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	840837	39.295	ng	93
17) 2-Methylphenol	7.222	107	583516	41.469	ng	98
18) Hexachloroethane	7.475	117	279648	44.306	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	430210	36.870	ng	95
20) 3+4-Methylphenols	7.375	107	620861	34.152	ng	95
22) Acetophenone	7.375	105	857541	38.832	ng	95
24) Nitrobenzene	7.557	77	779383	39.479	ng	97
25) Isophorone	7.792	82	1460137	41.259	ng	98
26) 2-Nitrophenol	7.869	139	387827	44.525	ng	94
27) 2,4-Dimethylphenol	7.904	122	595613	43.326	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	880469	42.529	ng	100
29) 2,4-Dichlorophenol	8.110	162	587388	42.953	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	637259	42.915	ng	97
31) Naphthalene	8.275	128	1788620	39.894	ng	99
32) Benzoic acid	8.045	122	340144	32.725	ng	97
33) 4-Chloroaniline	8.322	127	368062	19.158	ng	# 93
34) Hexachlorobutadiene	8.381	225	395326	41.895	ng	99
35) Caprolactam	8.710	113	144015	31.944	ng	98
36) 4-Chloro-3-methylphenol	8.810	107	597694	39.798	ng	95
37) 2-Methylnaphthalene	8.963	142	1168931	38.258	ng	99
38) 1-Methylnaphthalene	9.063	142	1092814	38.272	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	609853	41.923	ng	99
41) Hexachlorocyclopentadiene	9.116	237	660416	83.701	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	432017	43.822	ng	99

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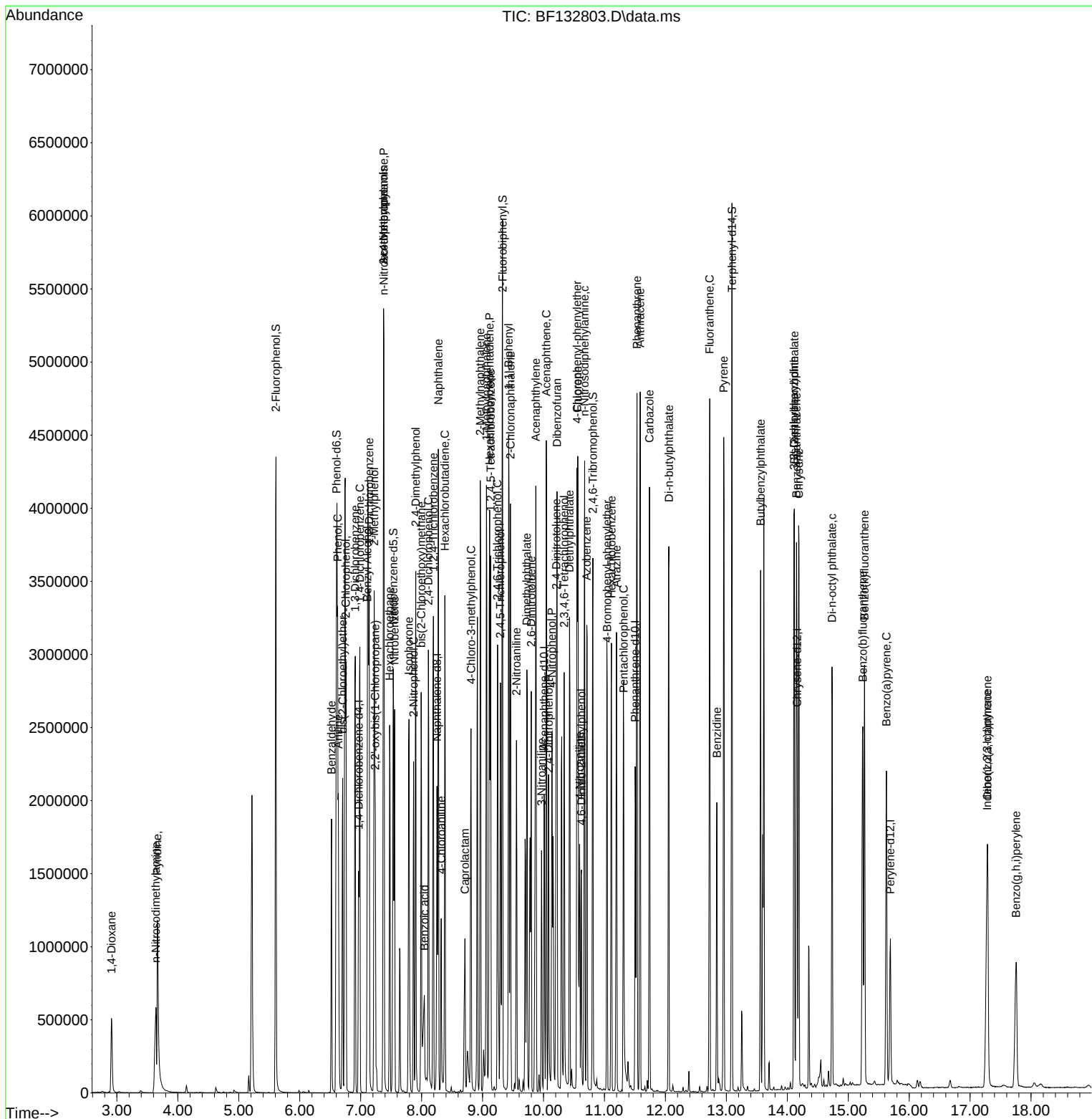
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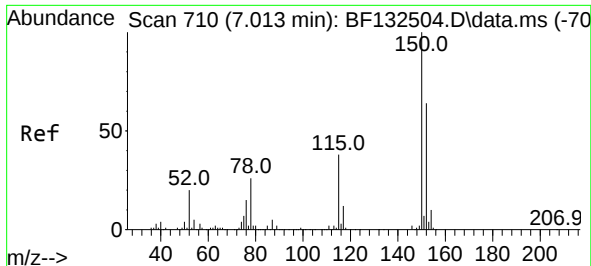
Quant Time: Mar 16 05:43:17 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	464249	40.348	ng	98
46) 1,1'-Biphenyl	9.428	154	1454305	43.215	ng	99
47) 2-Chloronaphthalene	9.457	162	1189440	44.579	ng	100
48) 2-Nitroaniline	9.557	65	395328	40.229	ng	91
49) Acenaphthylene	9.875	152	1780311	41.925	ng	100
50) Dimethylphthalate	9.728	163	1445545	44.651	ng	99
51) 2,6-Dinitrotoluene	9.798	165	327799	44.460	ng	94
52) Acenaphthene	10.045	154	1001472	37.141	ng	99
53) 3-Nitroaniline	9.969	138	247733	30.037	ng	100
54) 2,4-Dinitrophenol	10.086	184	342045	73.767	ng #	86
55) Dibenzofuran	10.222	168	1599840	40.699	ng	99
56) 4-Nitrophenol	10.139	139	458365	74.523	ng	96
57) 2,4-Dinitrotoluene	10.210	165	420309	42.851	ng	92
58) Fluorene	10.563	166	1280980	42.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	381407	44.624	ng	97
60) Diethylphthalate	10.428	149	1238079	39.157	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	662745	42.488	ng	95
62) 4-Nitroaniline	10.592	138	347966	42.981	ng	94
63) Azobenzene	10.710	77	1280247	38.233	ng	98
65) 4,6-Dinitro-2-methylph...	10.622	198	244268	39.415	ng	91
66) n-Nitrosodiphenylamine	10.675	169	1127391	39.501	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	426175	41.155	ng	95
68) Hexachlorobenzene	11.116	284	440382	40.415	ng	97
69) Atrazine	11.198	200	406419	45.613	ng	99
70) Pentachlorophenol	11.316	266	411852	63.528	ng	98
71) Phenanthrene	11.533	178	1862950	39.281	ng	99
72) Anthracene	11.586	178	1853986	37.962	ng	99
73) Carbazole	11.739	167	1756962	39.901	ng	100
74) Di-n-butylphthalate	12.057	149	2089234	40.449	ng	99
75) Fluoranthene	12.727	202	2028938	39.133	ng	99
77) Benzidine	12.845	184	781919	63.729	ng	100
78) Pyrene	12.957	202	2043268	44.589	ng	99
80) Butylbenzylphthalate	13.563	149	841820	46.552	ng	97
81) Benzo(a)anthracene	14.151	228	1522060	40.360	ng	99
82) 3,3'-Dichlorobenzidine	14.110	252	342245	30.782	ng #	99
83) Chrysene	14.192	228	1498103	42.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	1011159	45.518	ng	99
85) Di-n-octyl phthalate	14.733	149	1525175	46.983	ng	97
87) Indeno(1,2,3-cd)pyrene	17.280	276	994343	32.307	ng	96
88) Benzo(b)fluoranthene	15.239	252	1370729	43.546	ng	99
89) Benzo(k)fluoranthene	15.268	252	1284526	41.696	ng	100
90) Benzo(a)pyrene	15.627	252	1182852	40.150	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	801998	31.982	ng	96
92) Benzo(g,h,i)perylene	17.756	276	833013	30.020	ng	98

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

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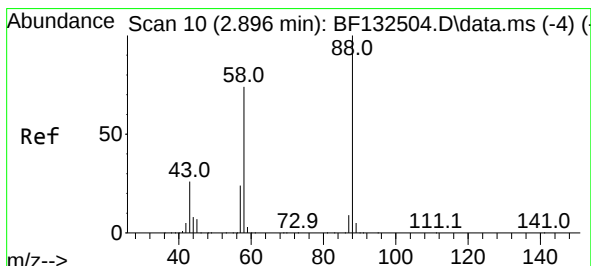
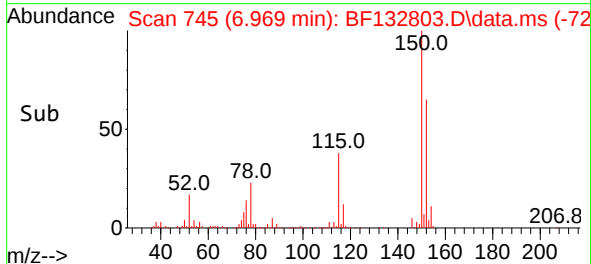
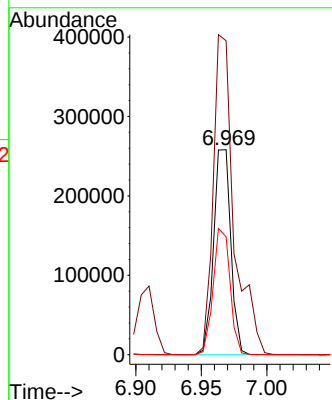
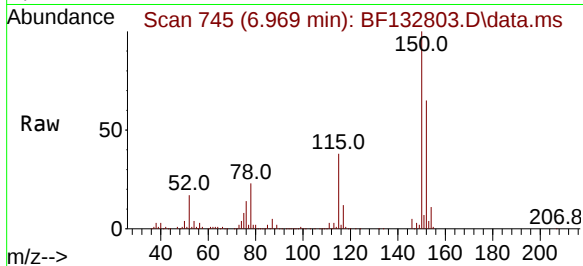




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

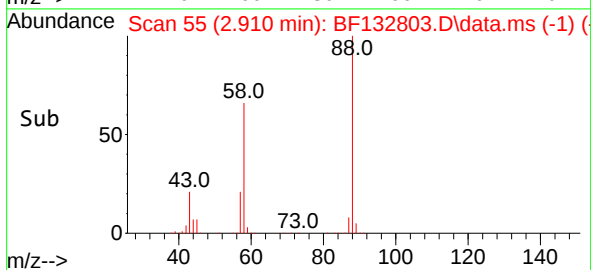
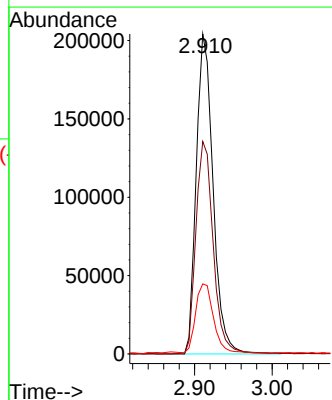
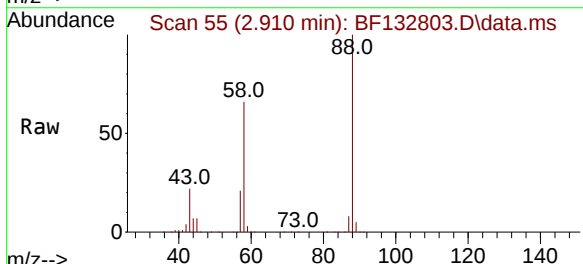
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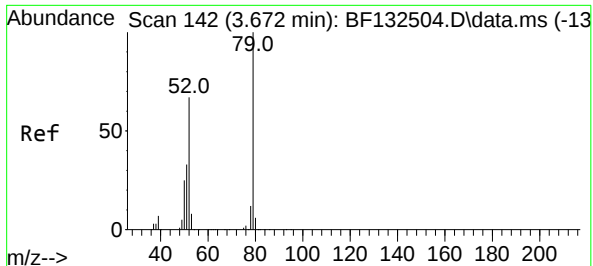
Tgt Ion:152 Resp: 235770
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.4 188.2
 115 57.5 47.8 71.6



#2
 1,4-Dioxane
 Concen: 38.294 ng
 RT: 2.910 min Scan# 55
 Delta R.T. 0.100 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

Tgt Ion: 88 Resp: 307723
 Ion Ratio Lower Upper
 88 100
 58 68.4 58.3 87.5
 43 23.2 20.7 31.1

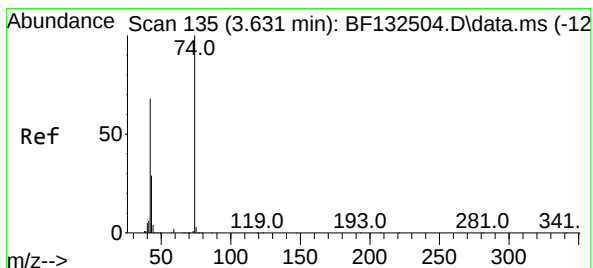
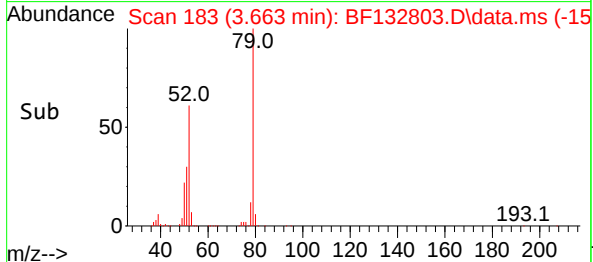
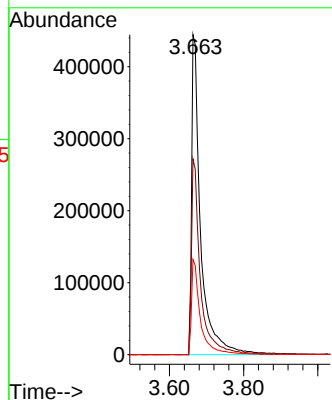
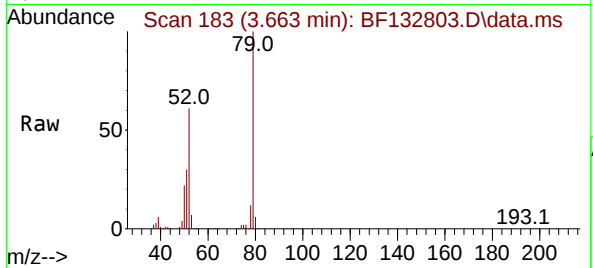




#3
Pyridine
Concen: 35.497 ng
RT: 3.663 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

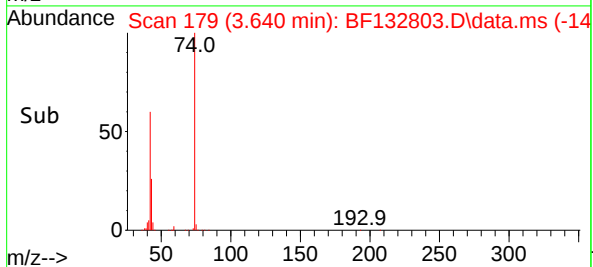
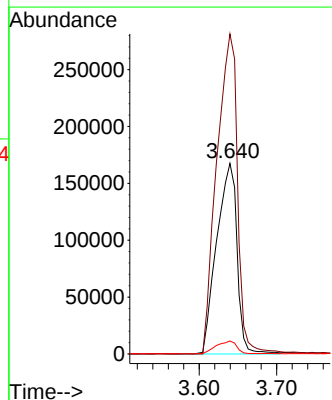
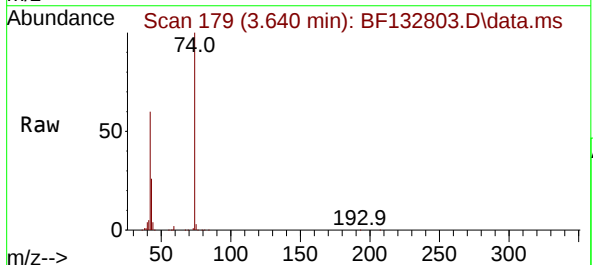
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ClientSampleId :
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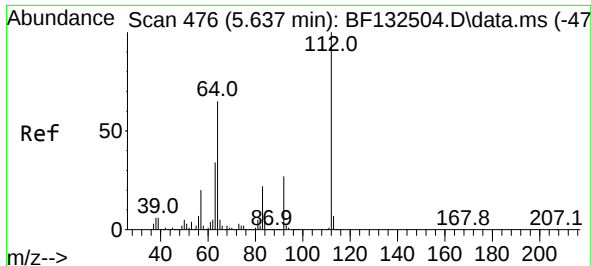
Tgt Ion: 79 Resp: 757156
Ion Ratio Lower Upper
79 100
52 61.2 53.7 80.5
51 29.7 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 38.077 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.082 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 42 Resp: 306784
Ion Ratio Lower Upper
42 100
74 167.9 118.2 177.2
44 6.8 5.3 7.9

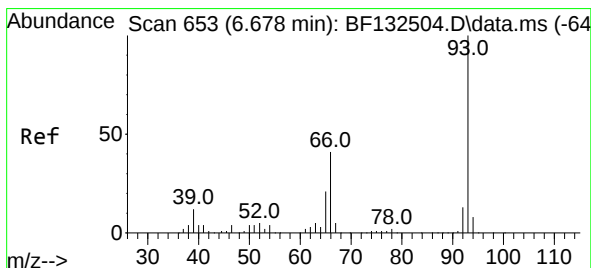
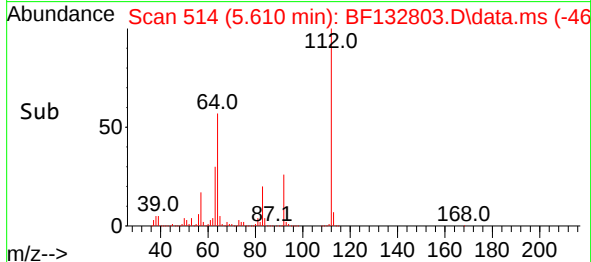
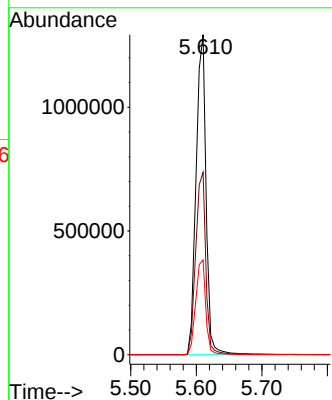
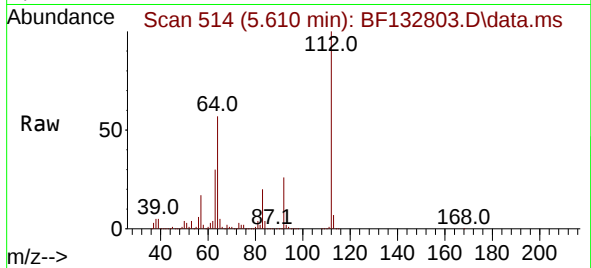




#5
2-Fluorophenol
Concen: 94.526 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

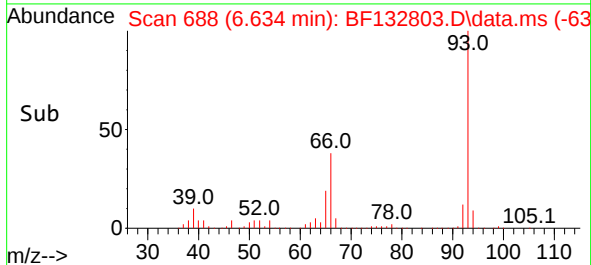
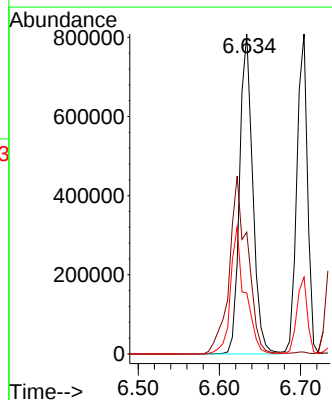
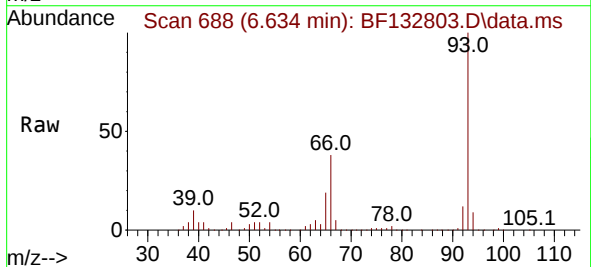
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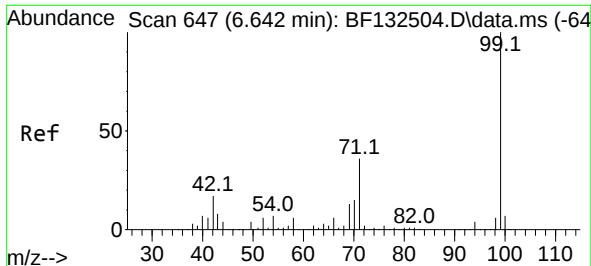
Tgt Ion:112 Resp: 1373179
Ion Ratio Lower Upper
112 100
64 57.0 51.6 77.4
63 29.6 27.4 41.2



#6
Aniline
Concen: 35.493 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 93 Resp: 905586
Ion Ratio Lower Upper
93 100
66 38.1 32.5 48.7
65 19.1 16.6 24.8

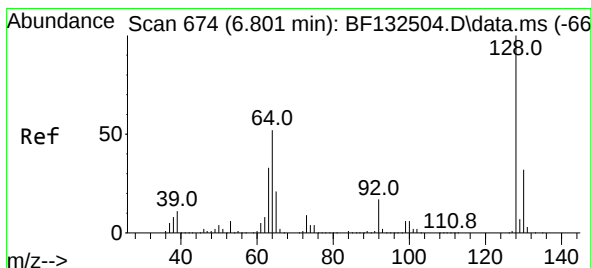
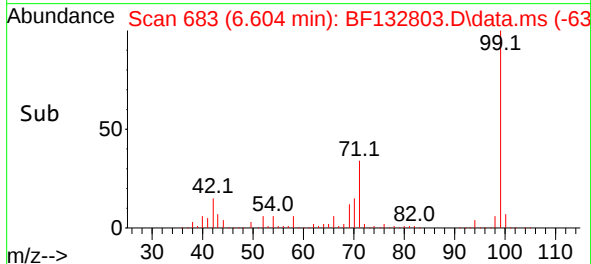
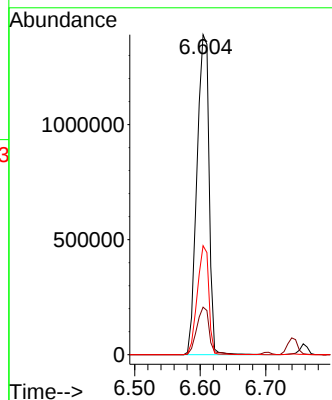
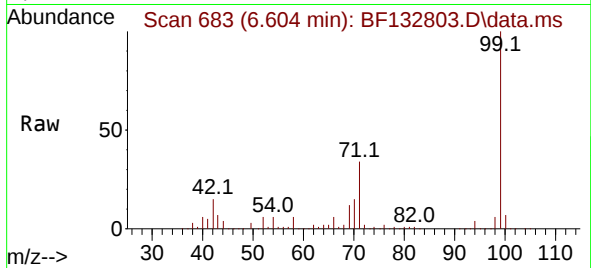




#7
Phenol-d6
Concen: 94.387 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

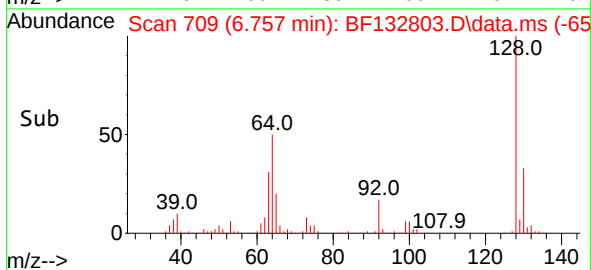
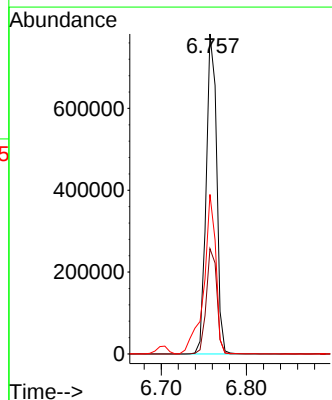
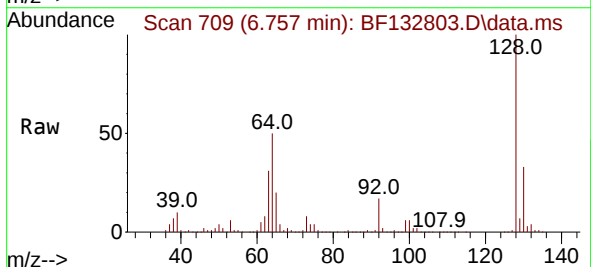
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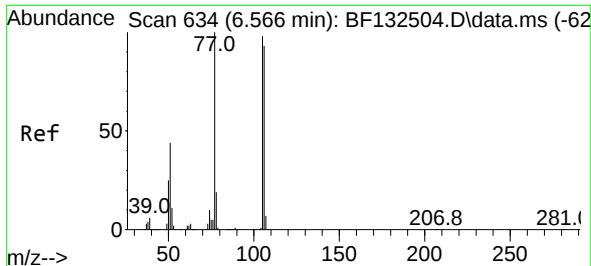
Tgt Ion: 99 Resp: 1789493
Ion Ratio Lower Upper
99 100
42 14.8 13.9 20.9
71 34.1 28.5 42.7



#8
2-Chlorophenol
Concen: 44.236 ng
RT: 6.757 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:128 Resp: 666958
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 49.9 32.0 72.0

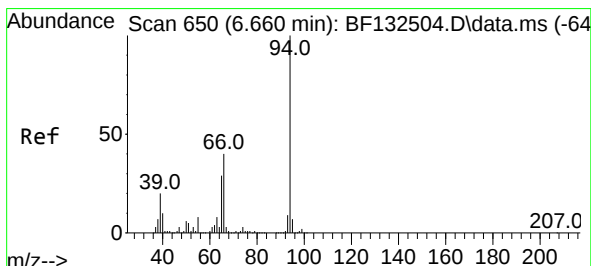
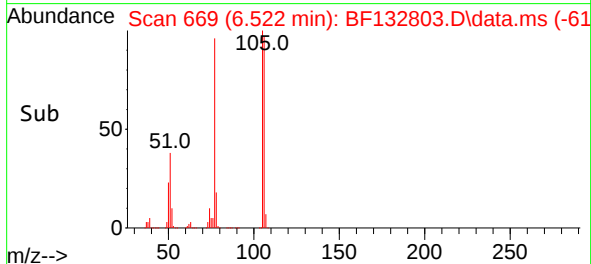
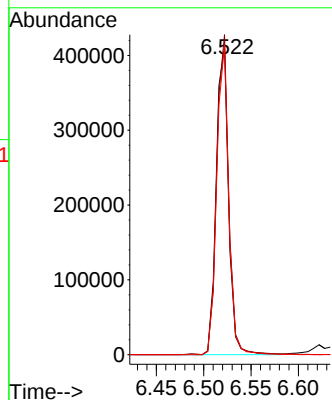
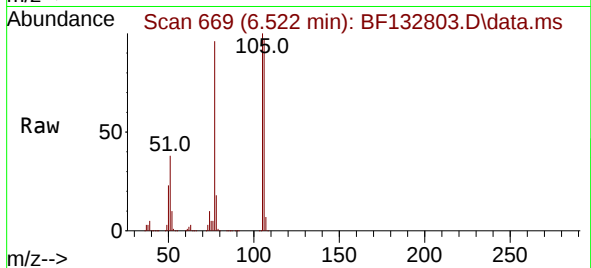




#9
Benzaldehyde
Concen: 36.590 ng
RT: 6.522 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

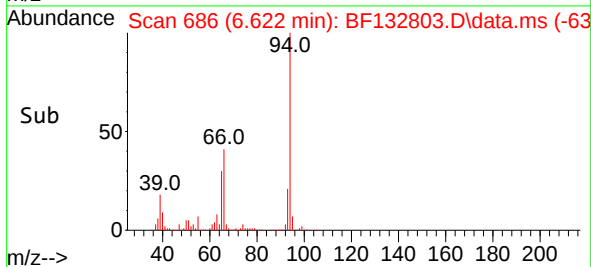
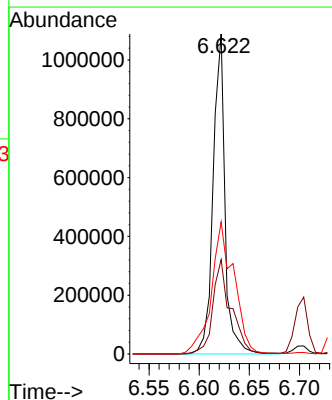
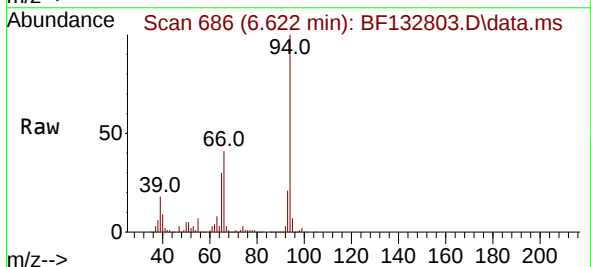
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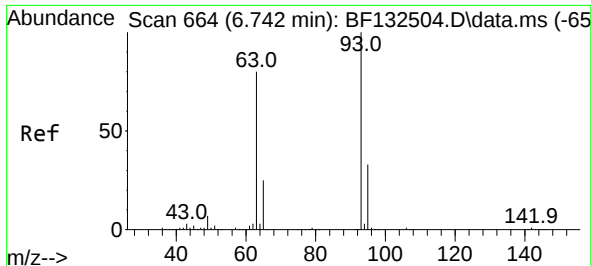
Tgt Ion: 77 Resp: 374329
Ion Ratio Lower Upper
77 100
105 103.7 77.9 117.9
106 100.3 73.4 113.4



#10
Phenol
Concen: 41.244 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 94 Resp: 896493
Ion Ratio Lower Upper
94 100
65 29.5 9.4 49.4
66 41.3 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 43.502 ng

RT: 6.704 min Scan# 700

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

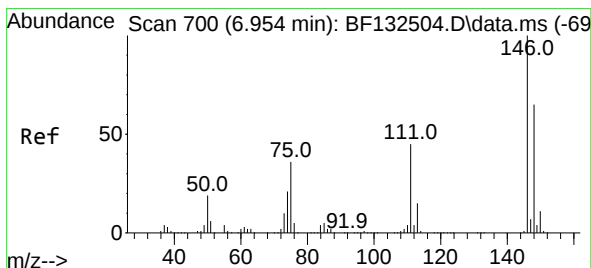
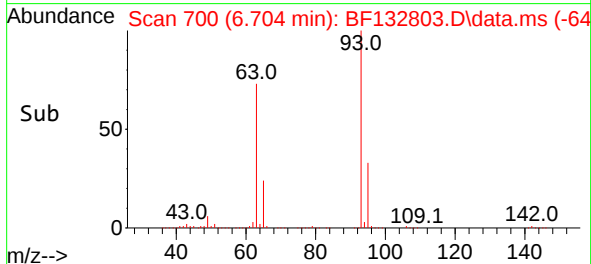
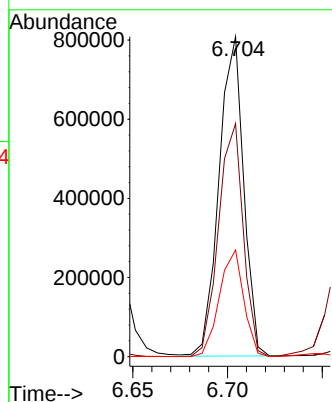
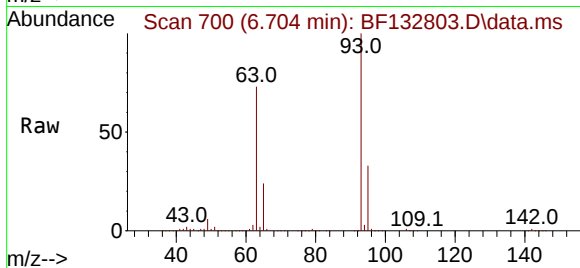
Tgt Ion: 93 Resp: 729965

Ion Ratio Lower Upper

93 100

63 72.8 59.6 99.6

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.213 ng

RT: 6.910 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

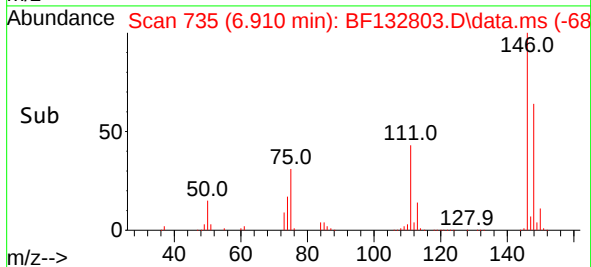
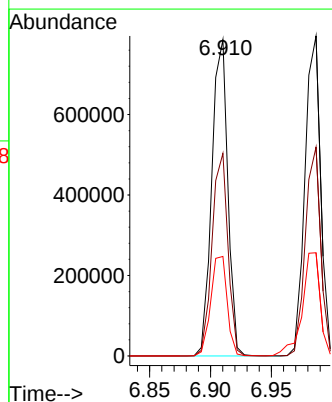
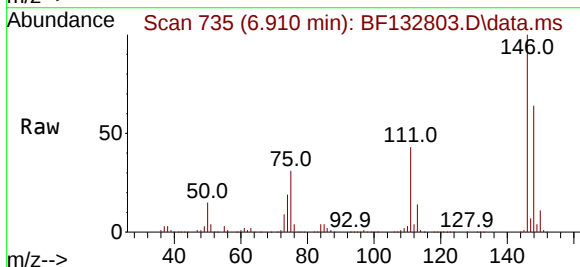
Tgt Ion:146 Resp: 715356

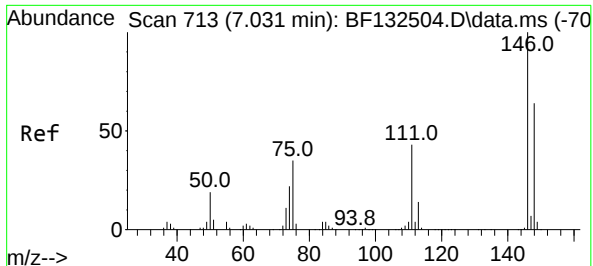
Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

75 31.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 44.264 ng

RT: 6.987 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

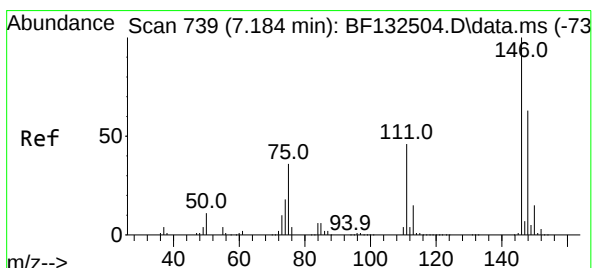
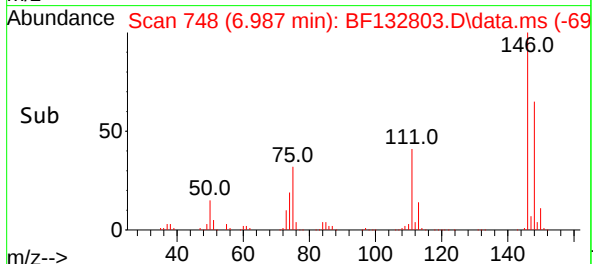
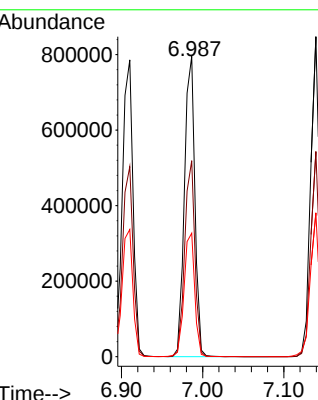
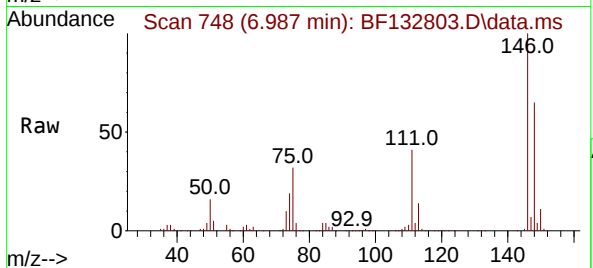
Tgt Ion:146 Resp: 715125

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

111 41.1 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 41.545 ng

RT: 7.140 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

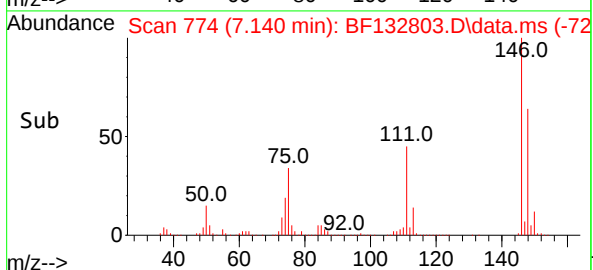
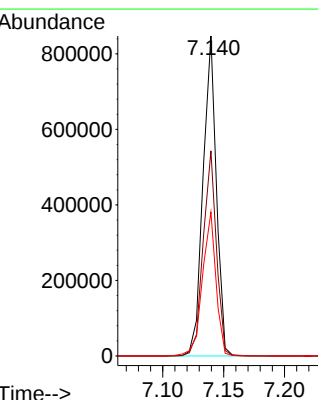
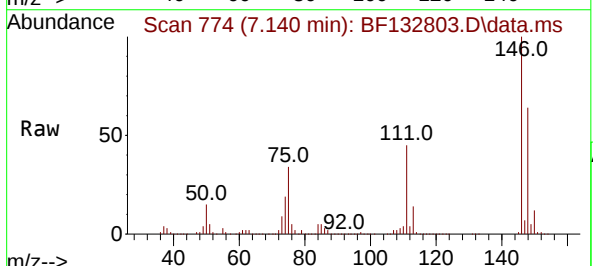
Tgt Ion:146 Resp: 644153

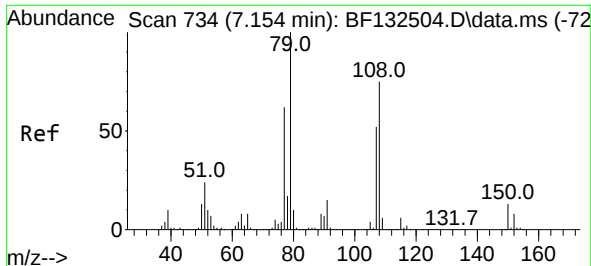
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 45.0 37.2 55.8

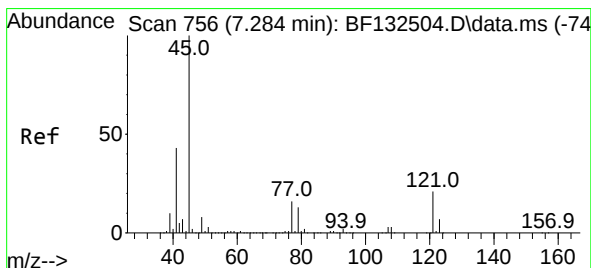
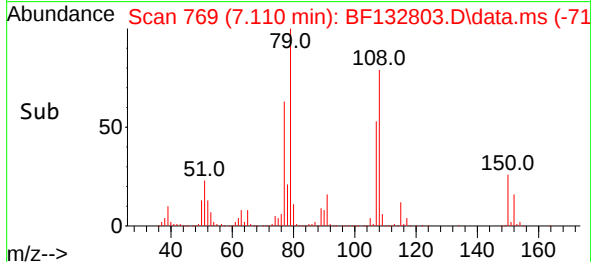
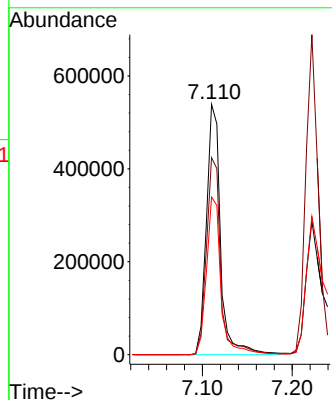
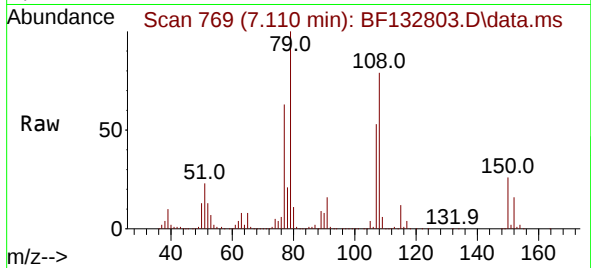




#15
Benzyl Alcohol
Concen: 40.264 ng
RT: 7.110 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

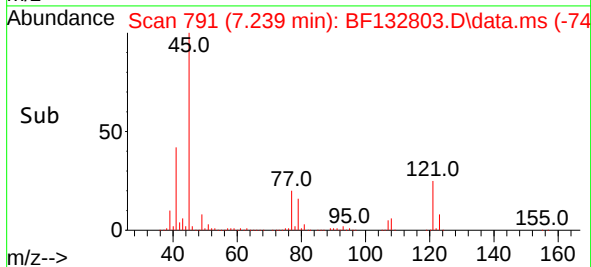
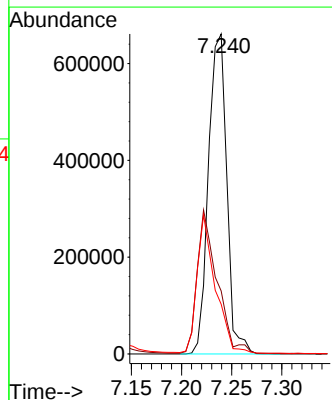
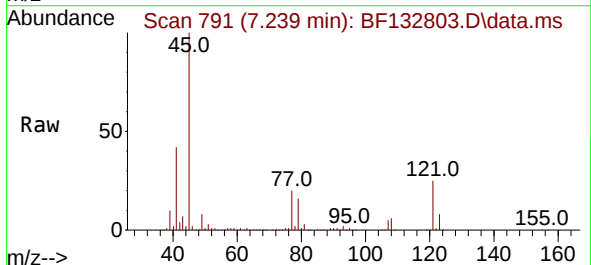
Instrument :
BNA_F
ClientSampleId :
PB151432BS

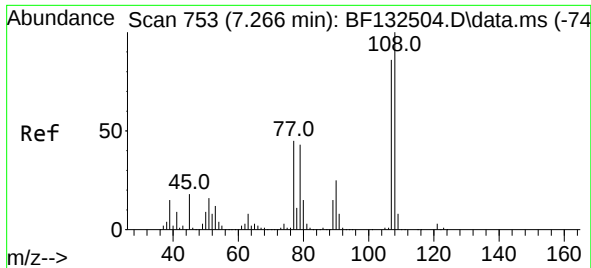
Tgt Ion: 79 Resp: 587904
Ion Ratio Lower Upper
79 100
108 78.6 60.2 90.4
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.295 ng
RT: 7.239 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 45 Resp: 840837
Ion Ratio Lower Upper
45 100
77 19.7 0.0 36.4
79 15.6 0.0 33.4

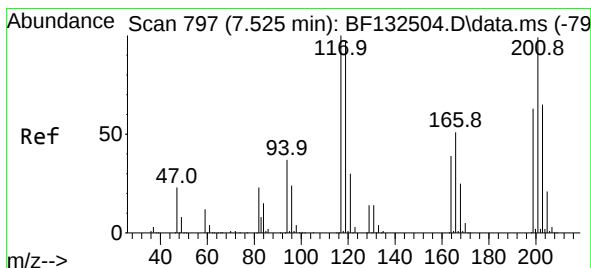
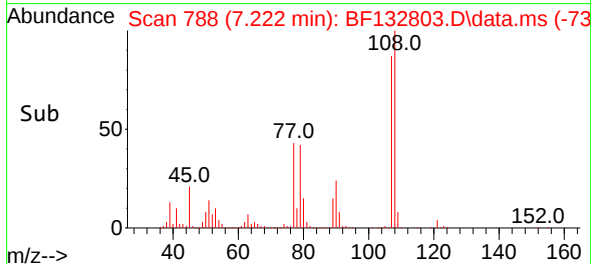
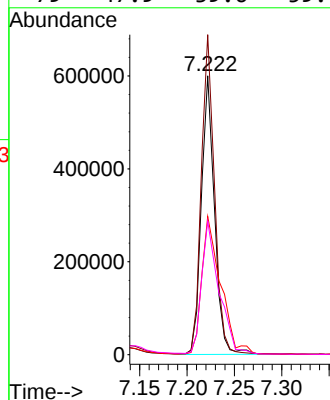
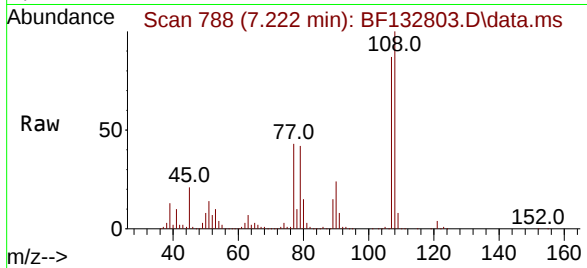




#17
2-Methylphenol
Concen: 41.469 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

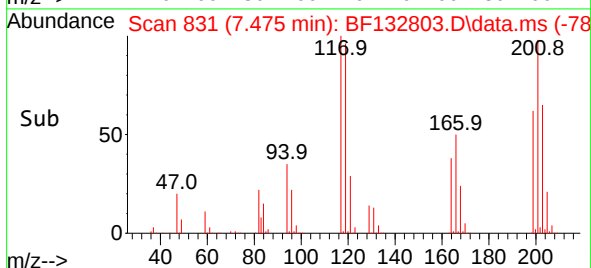
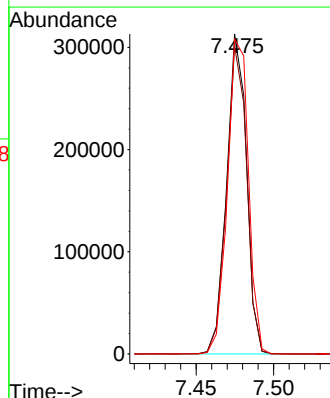
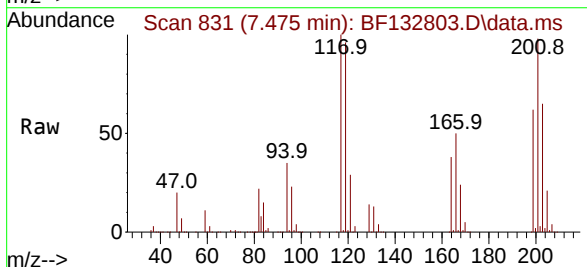
Instrument :
BNA_F
ClientSampleId :
PB151432BS

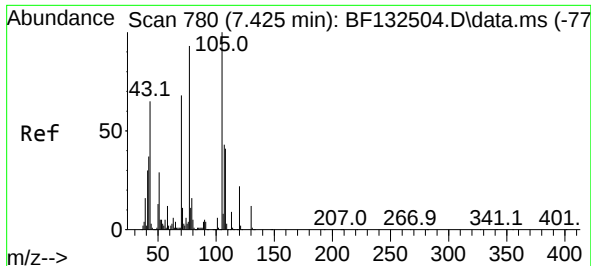
Tgt Ion:107 Resp: 583516
Ion Ratio Lower Upper
107 100
108 114.8 93.0 139.4
77 49.6 42.1 63.1
79 47.9 39.6 59.4



#18
Hexachloroethane
Concen: 44.306 ng
RT: 7.475 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:117 Resp: 279648
Ion Ratio Lower Upper
117 100
119 96.2 78.0 117.0
201 98.4 79.0 118.4

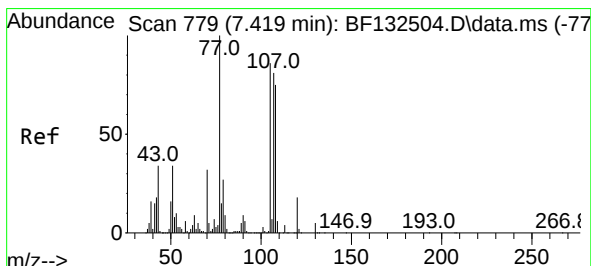
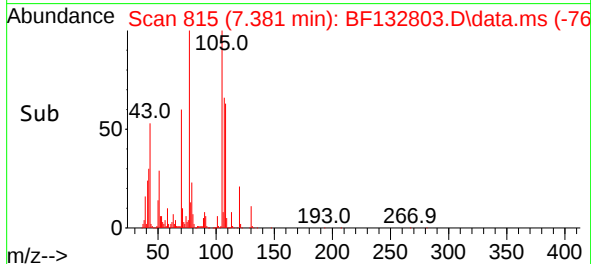
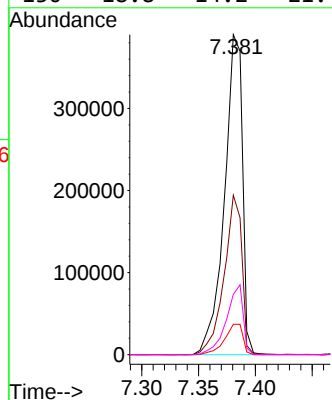
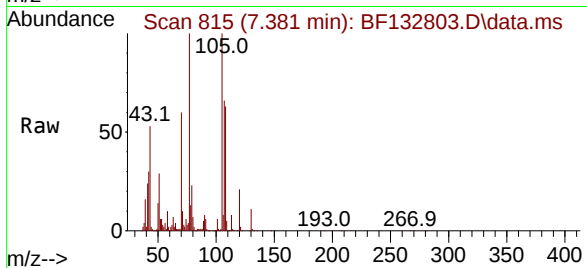




#19
n-Nitroso-di-n-propylamine
Concen: 36.870 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

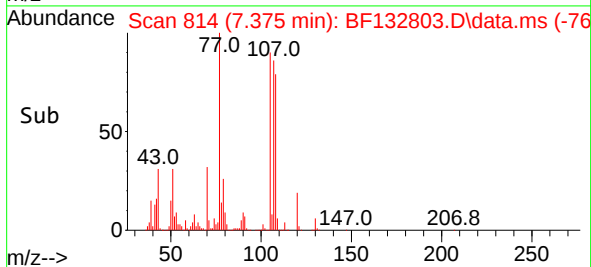
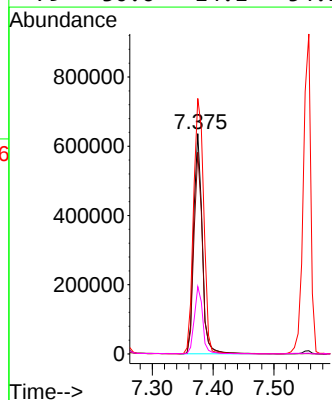
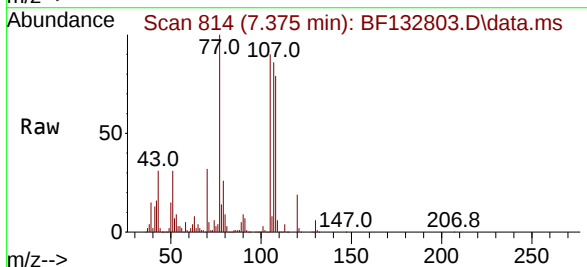
Instrument :
BNA_F
ClientSampleId :
PB151432BS

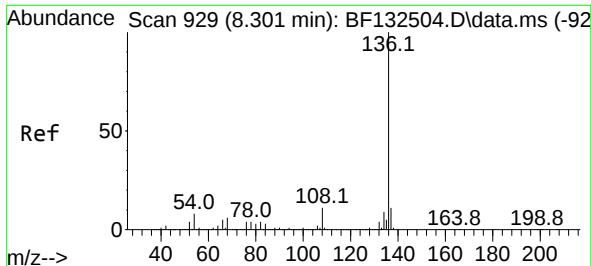
Tgt Ion: 70 Resp: 430210
Ion Ratio Lower Upper
70 100
42 49.9 44.1 66.1
101 9.5 7.4 11.2
130 18.8 14.2 21.4



#20
3+4-Methylphenols
Concen: 34.152 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 107 Resp: 620861
Ion Ratio Lower Upper
107 100
108 91.5 72.6 112.6
77 116.0 104.0 144.0
79 30.6 14.1 54.1



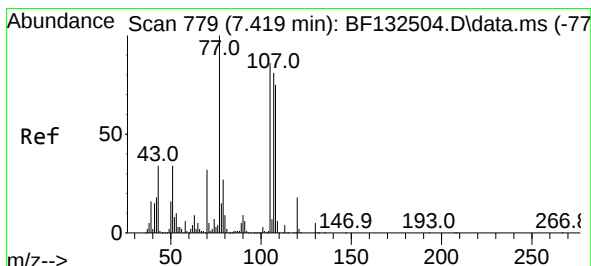
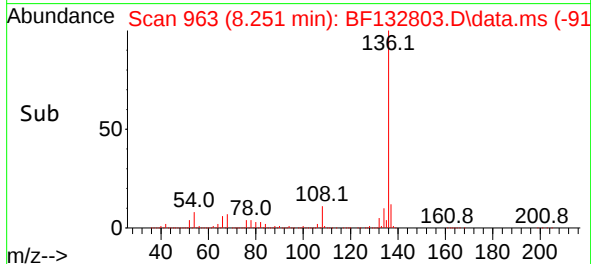
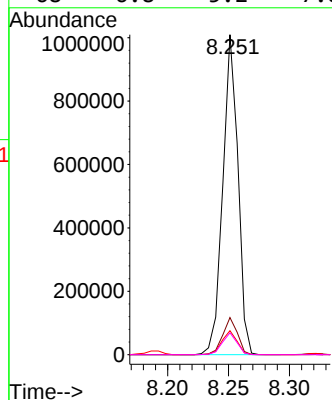
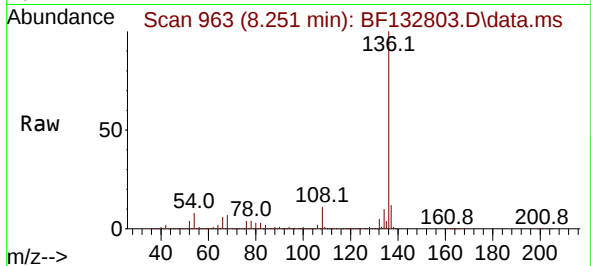


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Instrument :
BNA_F
ClientSampleId :
PB151432BS

Tgt Ion:136 Resp: 875771

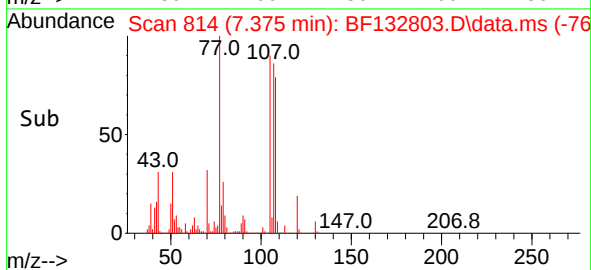
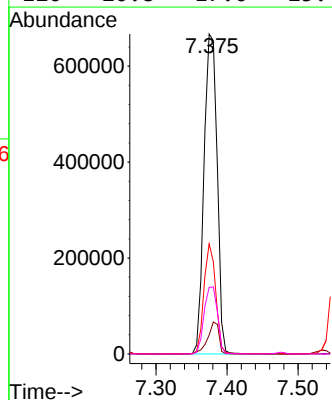
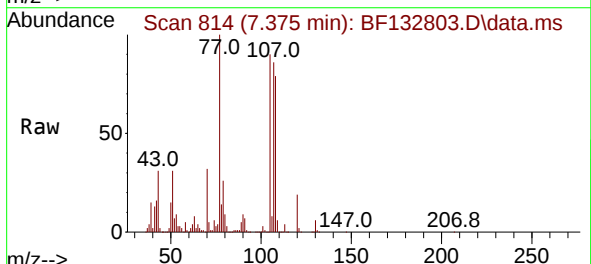
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.5	6.2	9.4
68	6.8	5.2	7.8

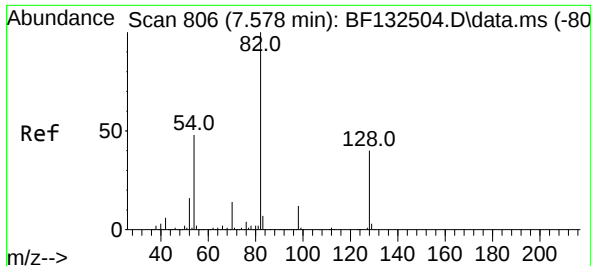


#22
Acetophenone
Concen: 38.832 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:105 Resp: 857541

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.0	7.4
51	34.4	31.5	47.3
120	20.8	17.0	25.4





#23

Nitrobenzene-d5

Concen: 63.343 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

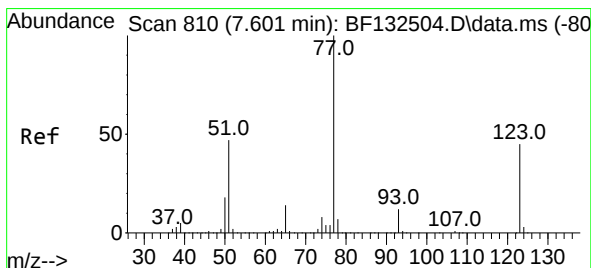
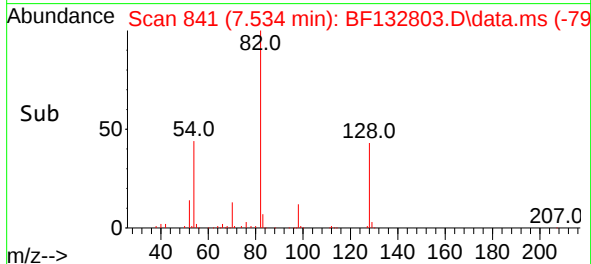
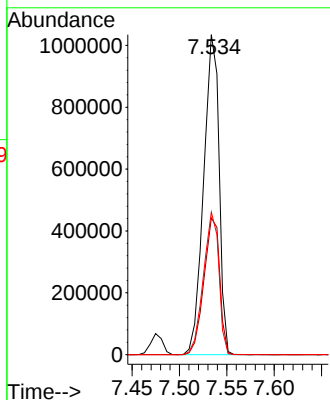
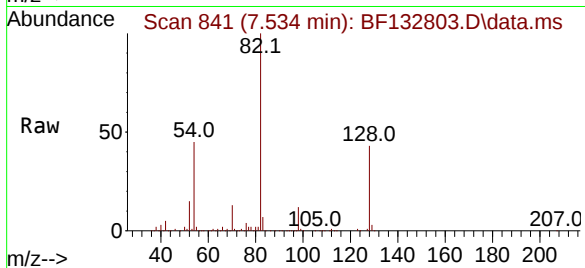
BNA_F

ClientSampleId :

PB151432BS

Tgt Ion: 82 Resp: 1169236

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.2	48.2
54	44.5	38.4	57.6



#24

Nitrobenzene

Concen: 39.479 ng

RT: 7.557 min Scan# 845

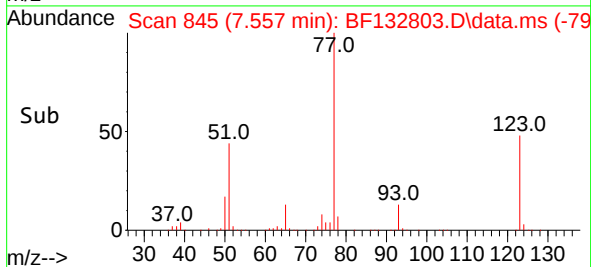
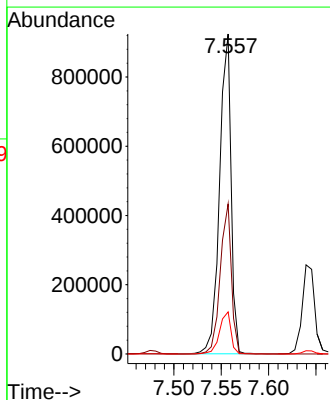
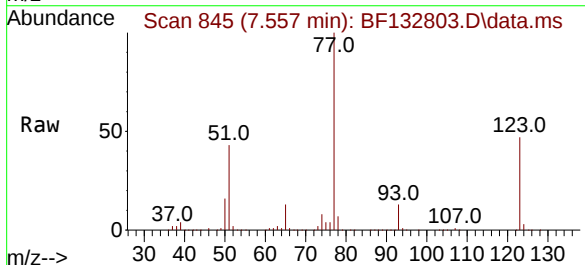
Delta R.T. -0.000 min

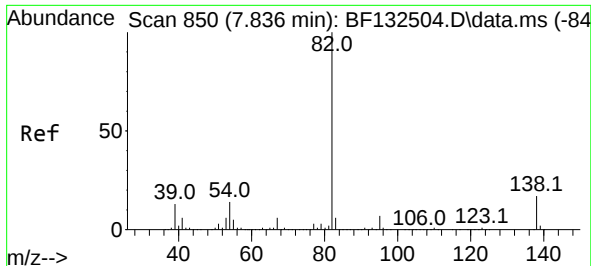
Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Tgt Ion: 77 Resp: 779383

Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.8	53.6
65	13.2	10.9	16.3

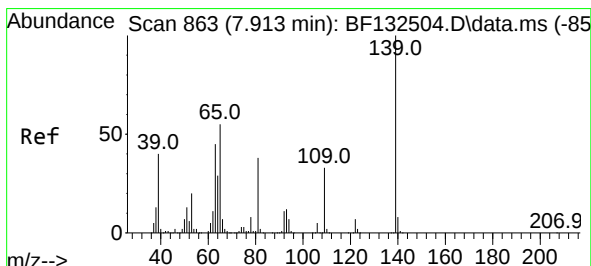
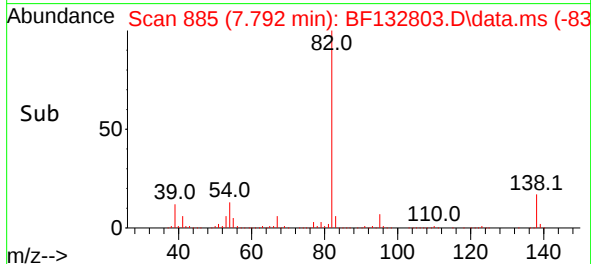
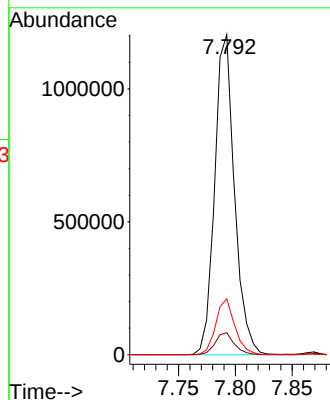
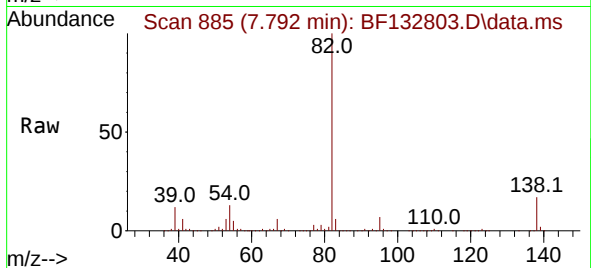




#25
Isophorone
Concen: 41.259 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

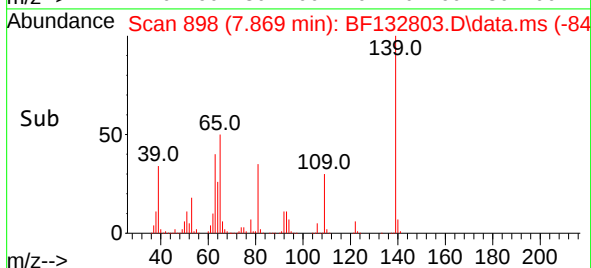
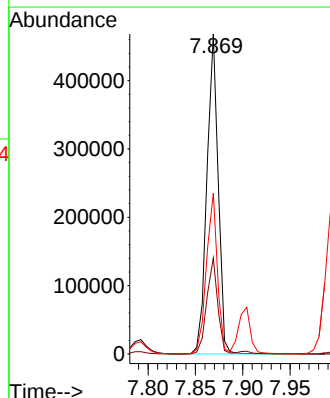
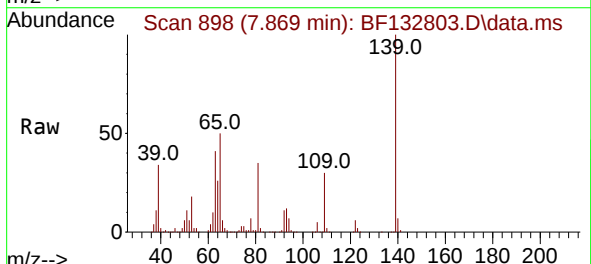
Instrument :
BNA_F
ClientSampleId :
PB151432BS

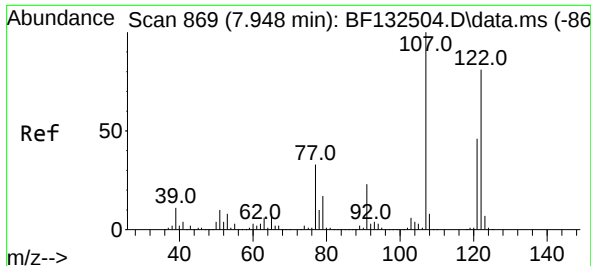
Tgt Ion: 82 Resp: 1460137
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.4 13.3 19.9



#26
2-Nitrophenol
Concen: 44.525 ng
RT: 7.869 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:139 Resp: 387827
Ion Ratio Lower Upper
139 100
109 30.0 26.2 39.2
65 50.3 43.8 65.8

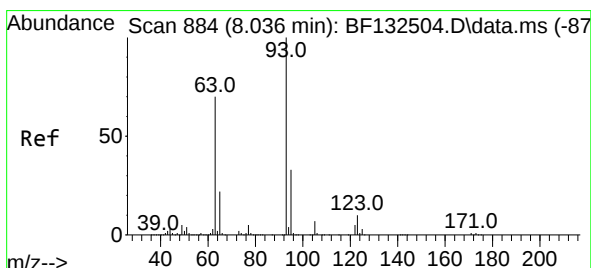
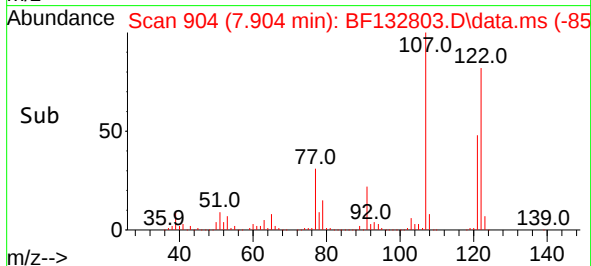
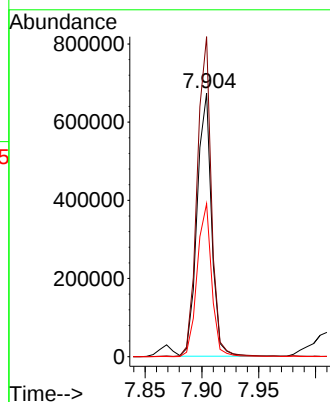
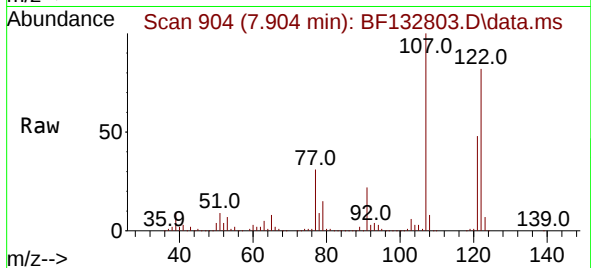




#27
2,4-Dimethylphenol
Concen: 43.326 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

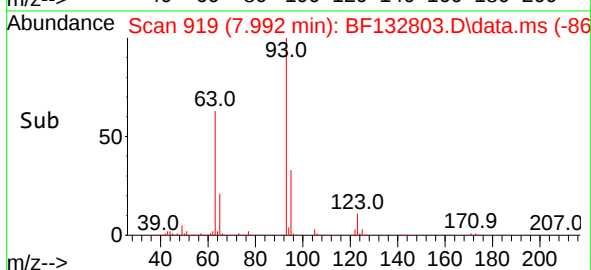
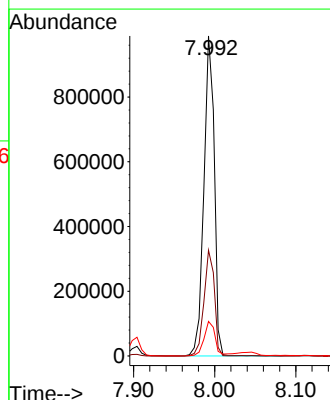
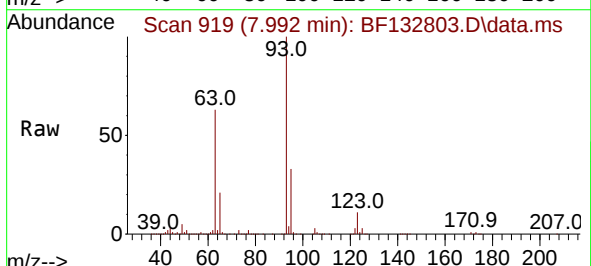
Instrument :
BNA_F
ClientSampleId :
PB151432BS

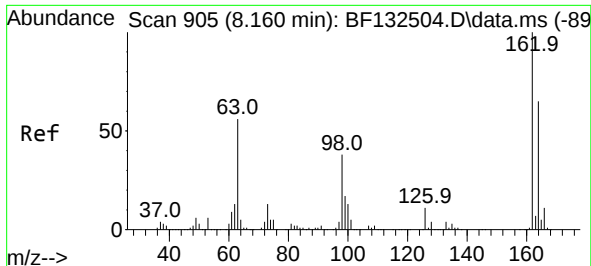
Tgt Ion:122 Resp: 595613
Ion Ratio Lower Upper
122 100
107 121.4 98.7 148.1
121 58.0 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.529 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 93 Resp: 880469
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.8 8.3 12.5

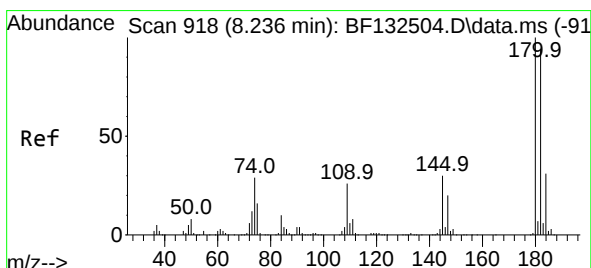
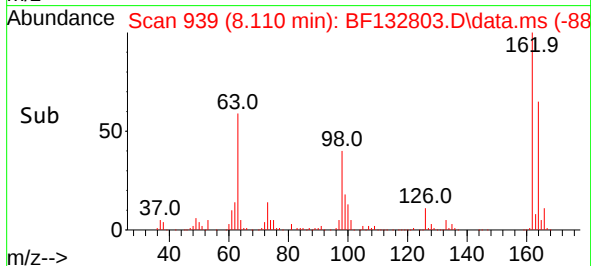
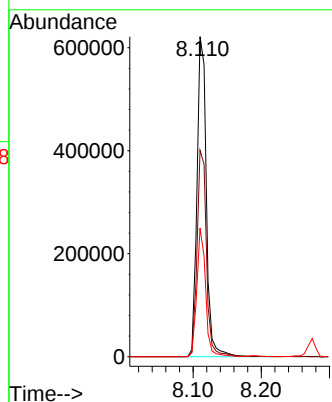
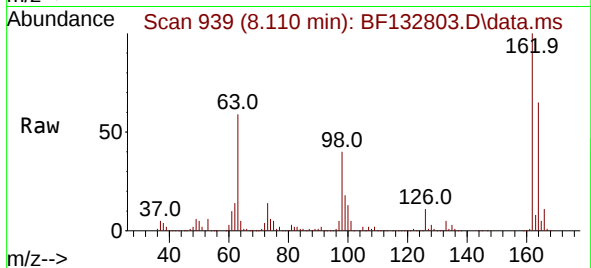




#29
2,4-Dichlorophenol
Concen: 42.953 ng
RT: 8.110 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

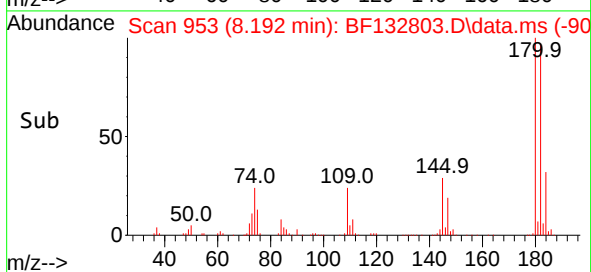
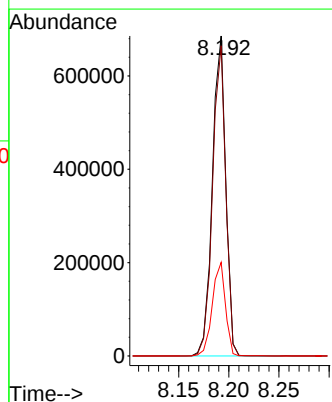
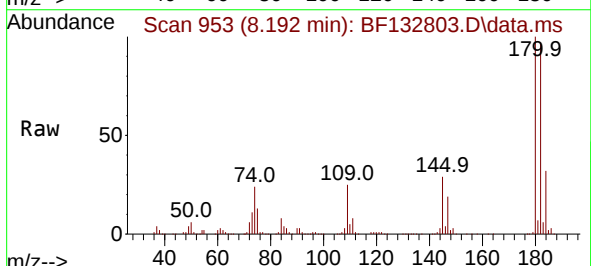
Instrument :
BNA_F
ClientSampleId :
PB151432BS

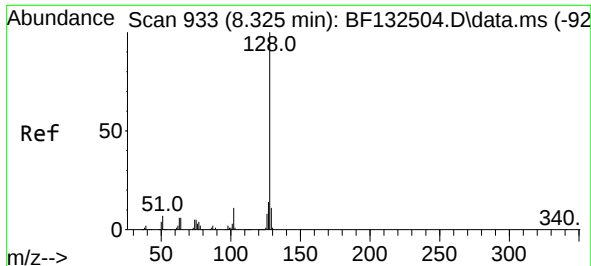
Tgt Ion:162 Resp: 587388
Ion Ratio Lower Upper
162 100
164 64.5 45.3 85.3
98 40.2 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 42.915 ng
RT: 8.192 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:180 Resp: 637259
Ion Ratio Lower Upper
180 100
182 97.0 75.1 112.7
145 29.3 23.8 35.6

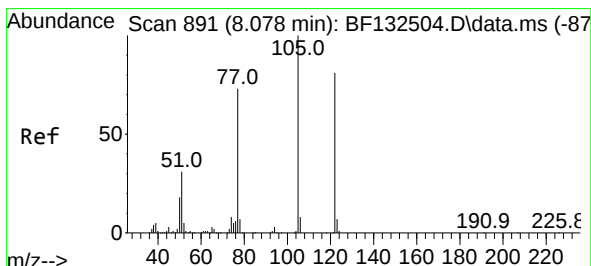
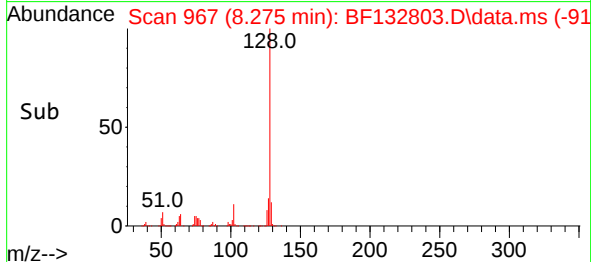
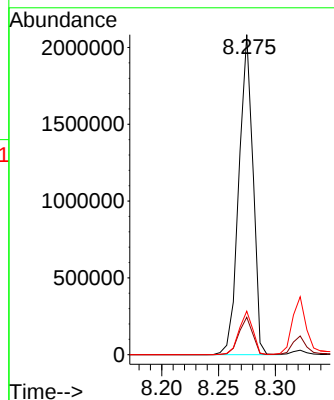
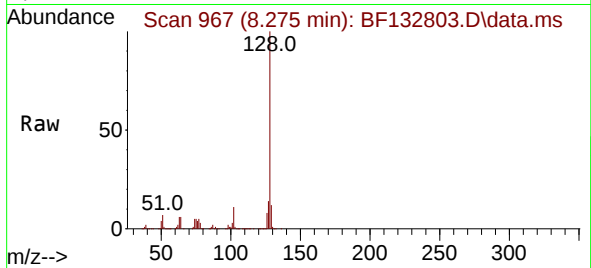




#31
Naphthalene
Concen: 39.894 ng
RT: 8.275 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

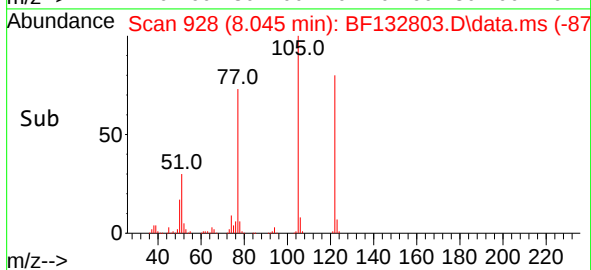
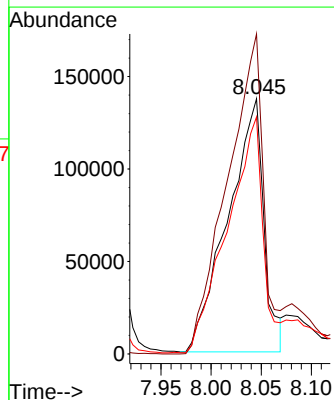
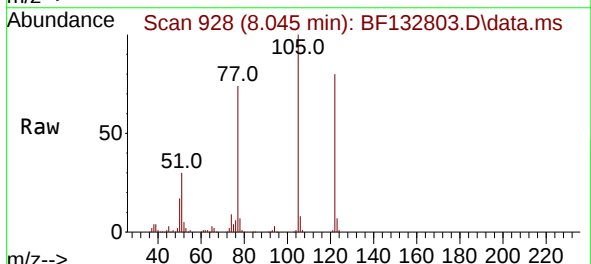
Instrument :
BNA_F
ClientSampleId :
PB151432BS

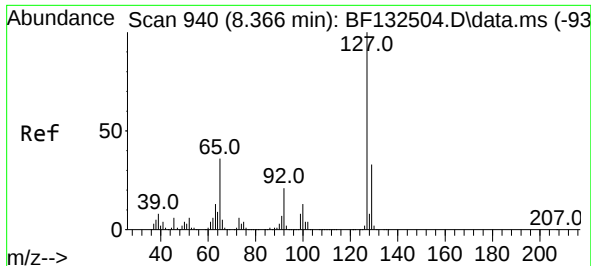
Tgt Ion:128 Resp: 1788620
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 32.725 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.012 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:122 Resp: 340144
Ion Ratio Lower Upper
122 100
105 125.4 102.6 142.6
77 92.8 70.2 110.2

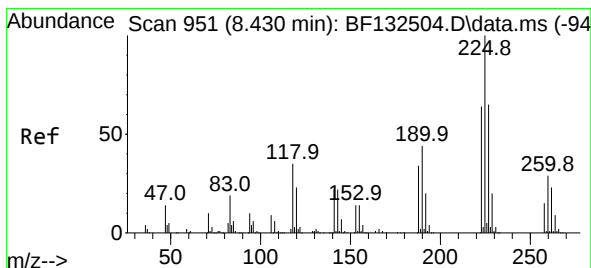
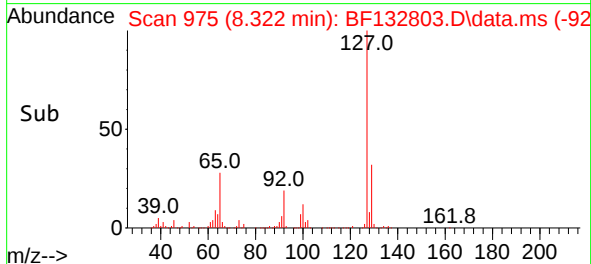
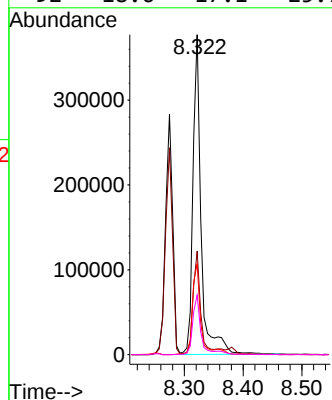
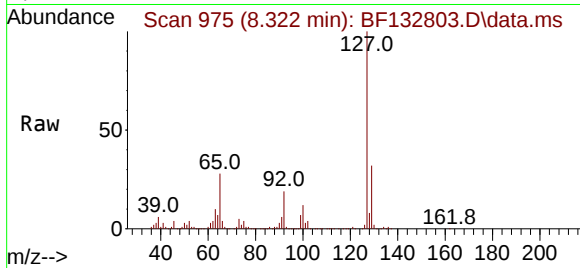




#33
4-Chloroaniline
Concen: 19.158 ng
RT: 8.322 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

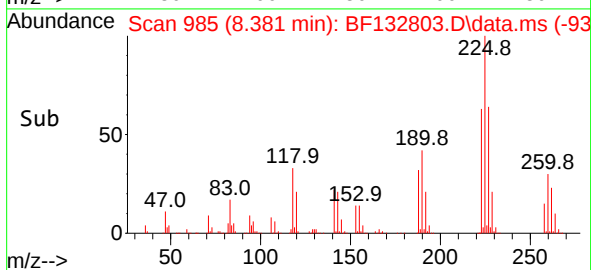
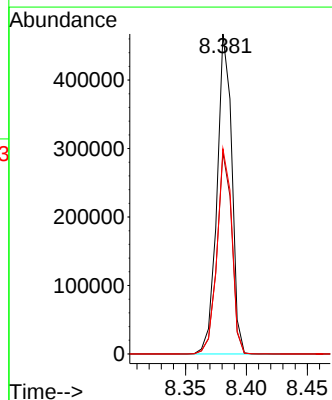
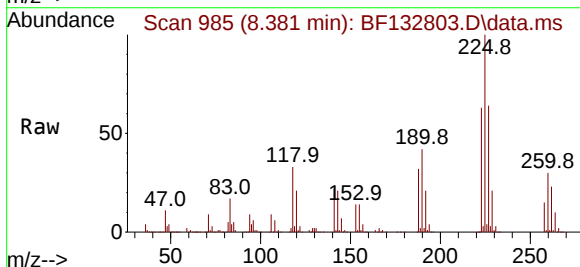
Instrument :
BNA_F
ClientSampleId :
PB151432BS

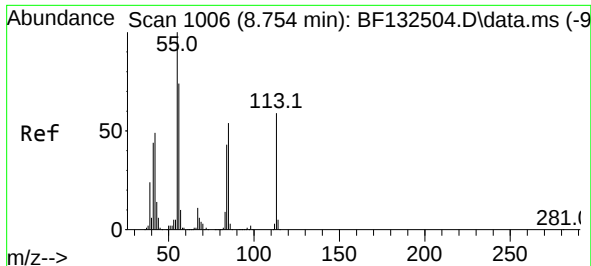
Tgt Ion:	127	Resp:	368062
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	28.3	28.8	43.2#
92	18.6	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.895 ng
RT: 8.381 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:	225	Resp:	395326
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	64.1	51.7	77.5

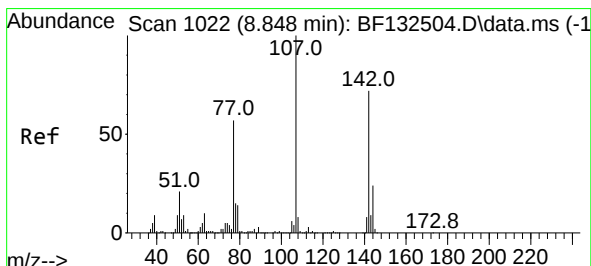
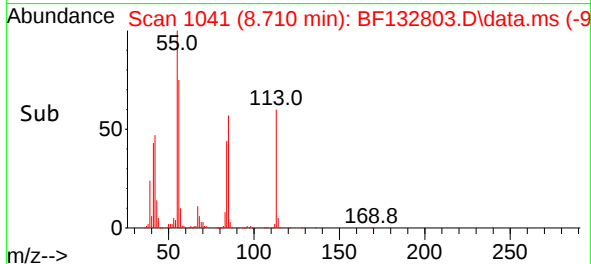
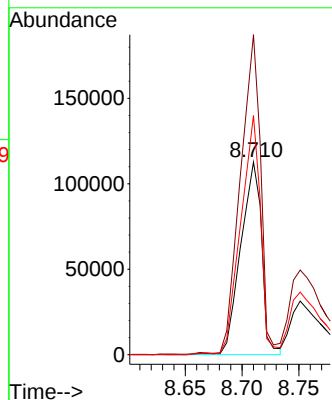
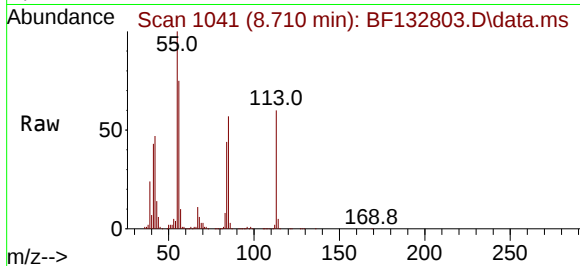




#35
 Caprolactam
 Concen: 31.944 ng
 RT: 8.710 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

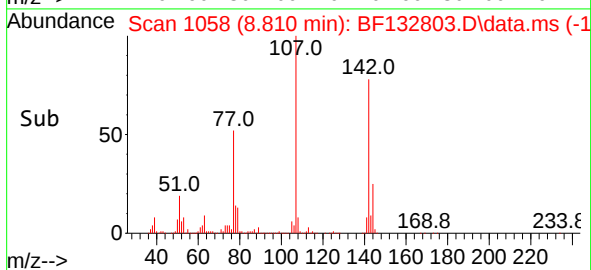
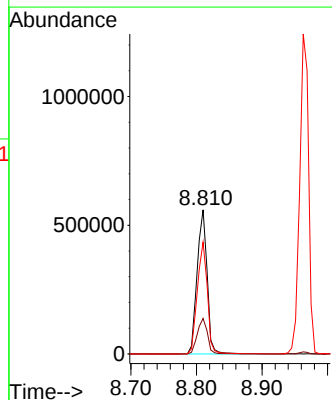
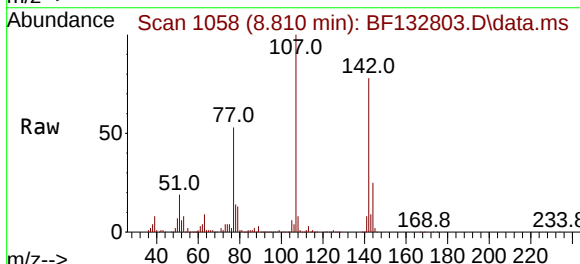
Instrument :
 BNA_F
 ClientSampleId :
 PB151432BS

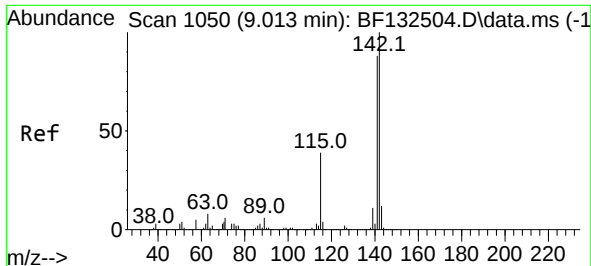
Tgt Ion:113 Resp: 144015
 Ion Ratio Lower Upper
 113 100
 55 166.1 149.4 189.4
 56 124.1 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.798 ng
 RT: 8.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

Tgt Ion:107 Resp: 597694
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.9 28.3
 142 77.7 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.258 ng

RT: 8.963 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

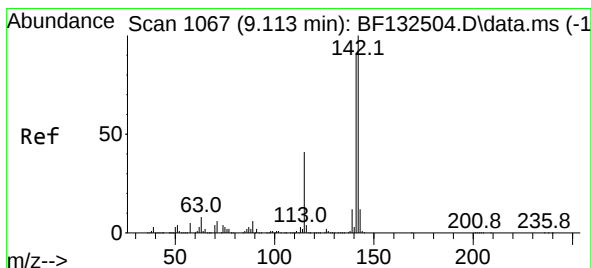
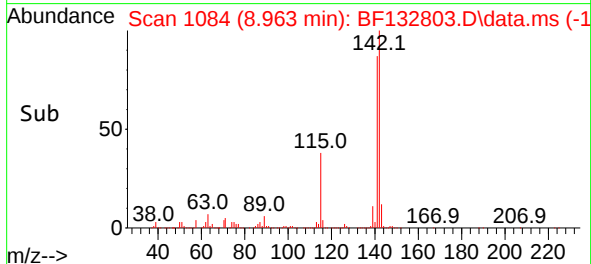
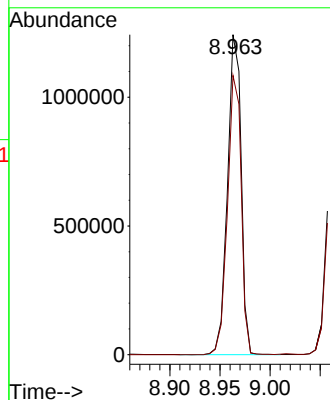
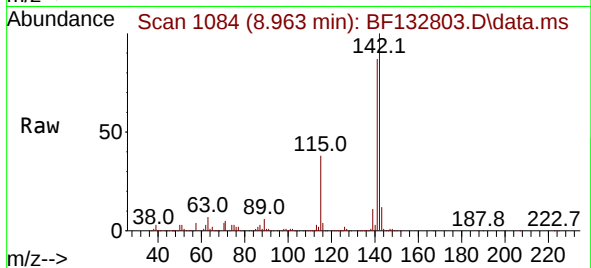
PB151432BS

Tgt Ion:142 Resp: 1168931

Ion Ratio Lower Upper

142 100

141 87.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 38.272 ng

RT: 9.063 min Scan# 1101

Delta R.T. -0.000 min

Lab File: BF132803.D

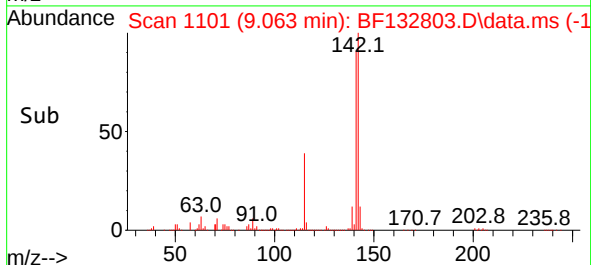
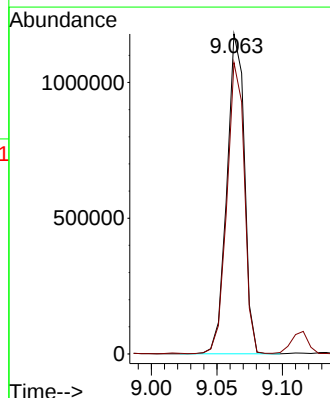
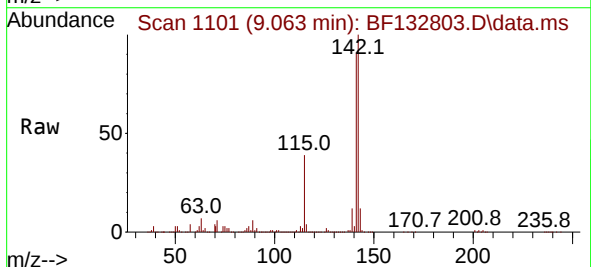
Acq: 15 Mar 2023 15:04

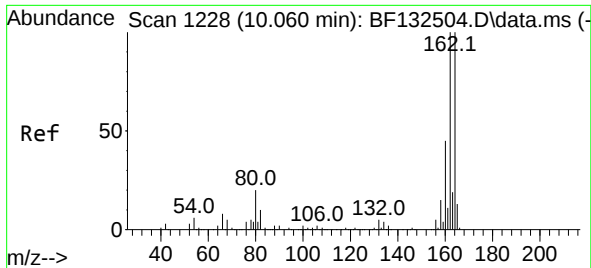
Tgt Ion:142 Resp: 1092814

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

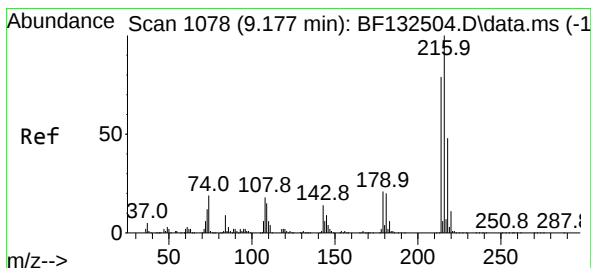
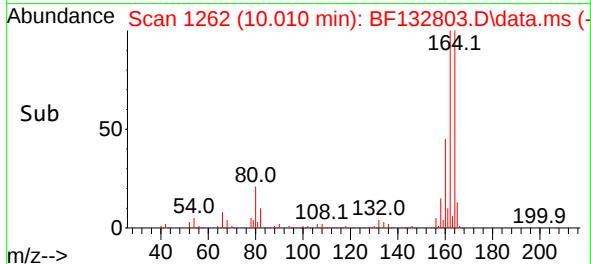
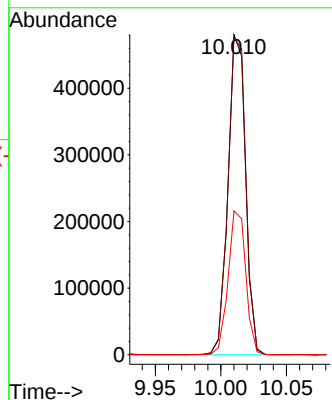
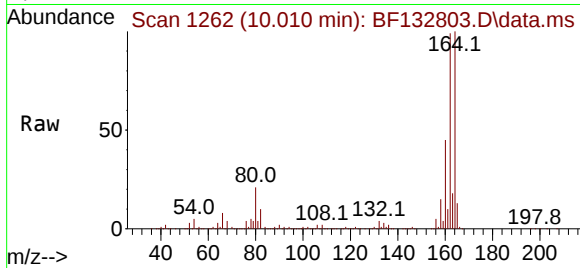




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

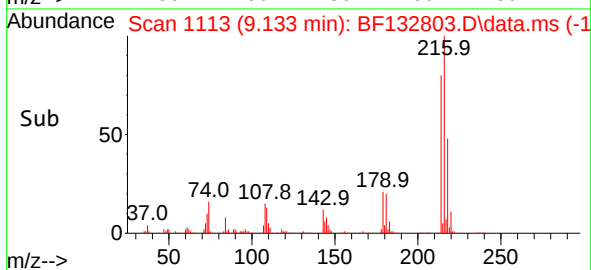
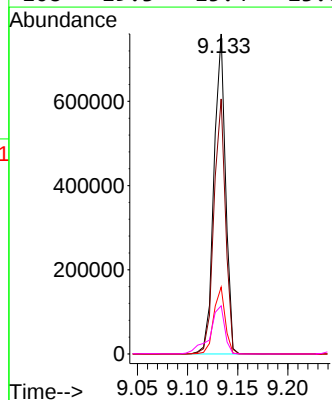
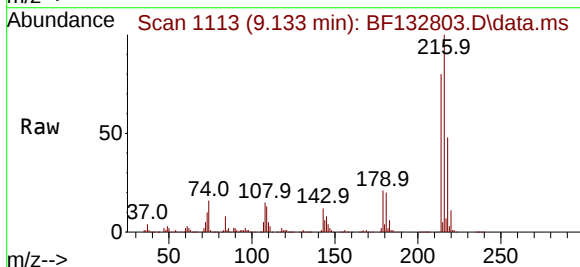
Instrument :
BNA_F
ClientSampleId :
PB151432BS

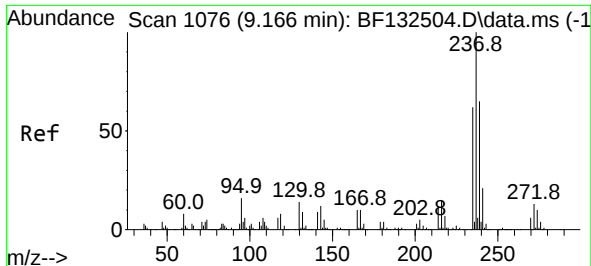
Tgt Ion:164 Resp: 444622
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.923 ng
RT: 9.133 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:216 Resp: 609853
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.5 16.6 24.8
108 19.3 15.4 23.0

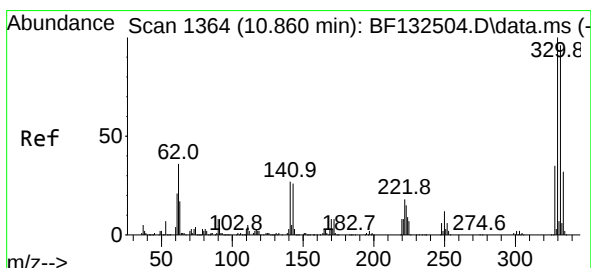
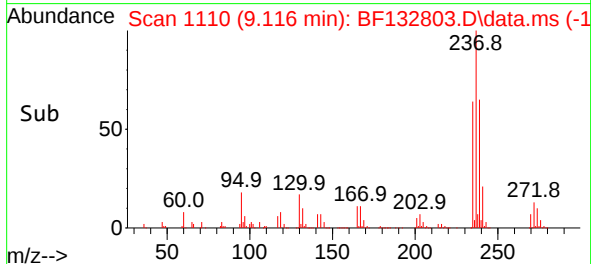
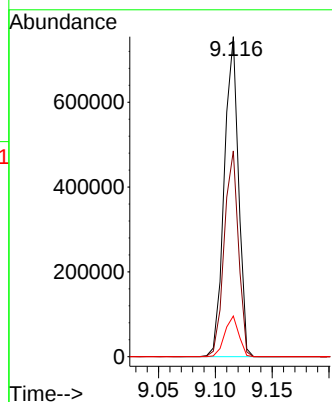
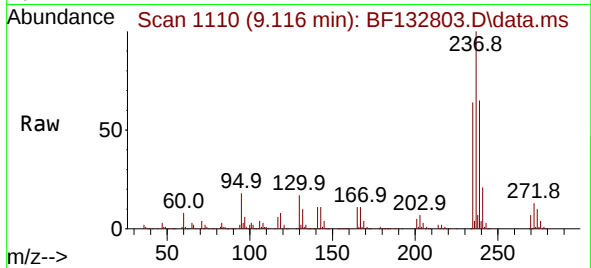




#41
Hexachlorocyclopentadiene
Concen: 83.701 ng
RT: 9.116 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

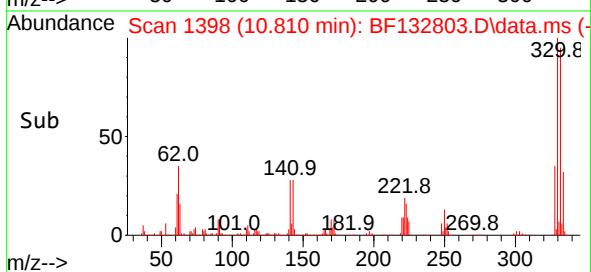
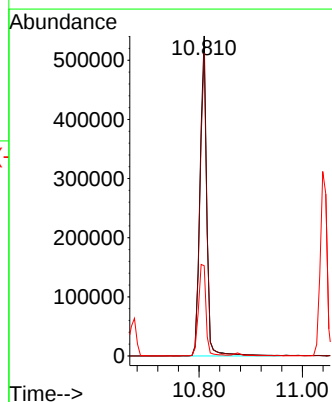
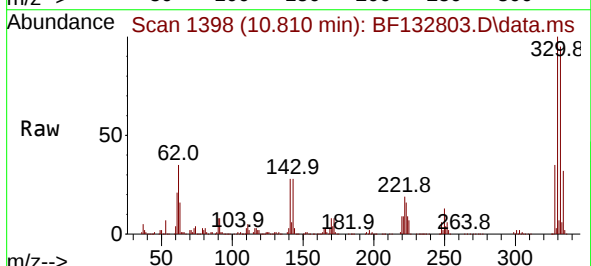
Instrument :
BNA_F
ClientSampleId :
PB151432BS

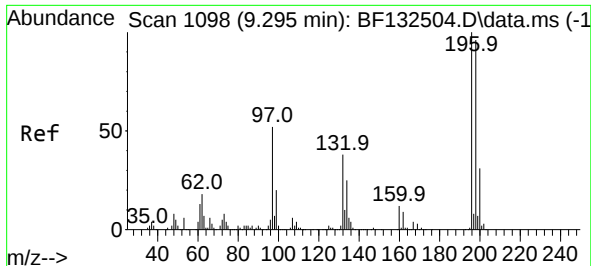
Tgt Ion:237 Resp: 660416
Ion Ratio Lower Upper
237 100
235 64.3 42.4 82.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 101.972 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:330 Resp: 489642
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 32.0 28.4 42.6

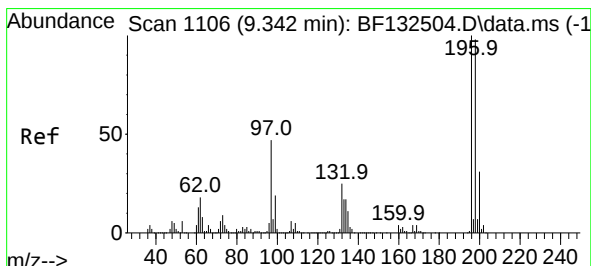
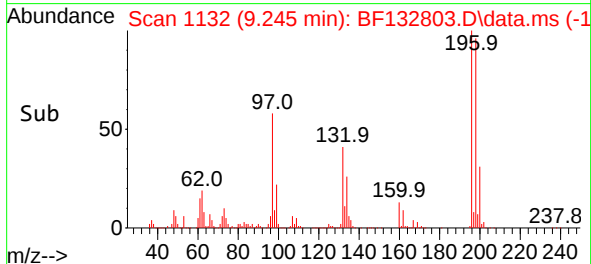
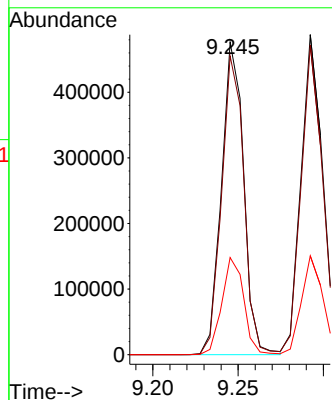
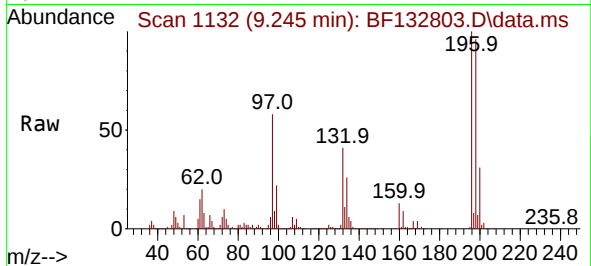




#43
2,4,6-Trichlorophenol
Concen: 43.822 ng
RT: 9.245 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

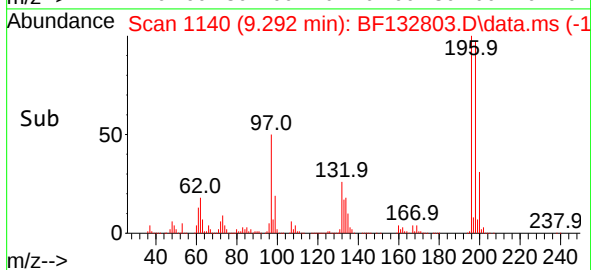
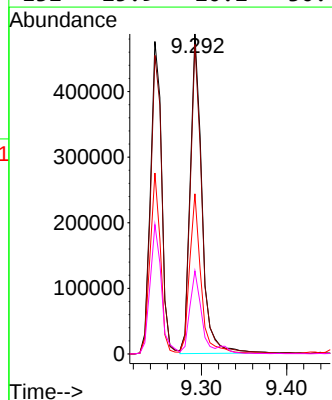
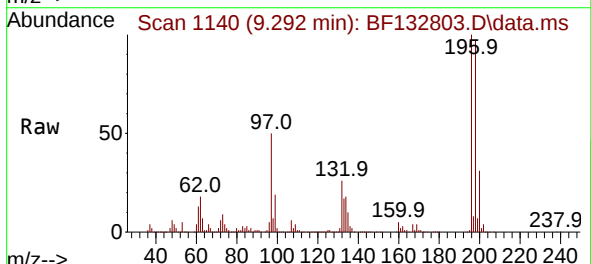
Instrument :
BNA_F
ClientSampleId :
PB151432BS

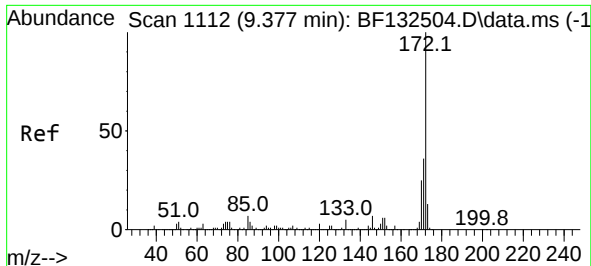
Tgt Ion:196 Resp: 432017
Ion Ratio Lower Upper
196 100
198 95.6 77.1 115.7
200 31.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 40.348 ng
RT: 9.292 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:196 Resp: 464249
Ion Ratio Lower Upper
196 100
198 96.8 78.3 117.5
97 50.1 38.1 57.1
132 25.9 20.2 30.4

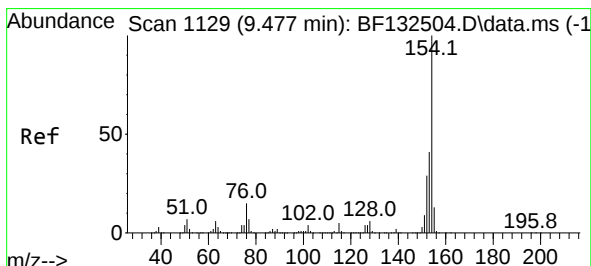
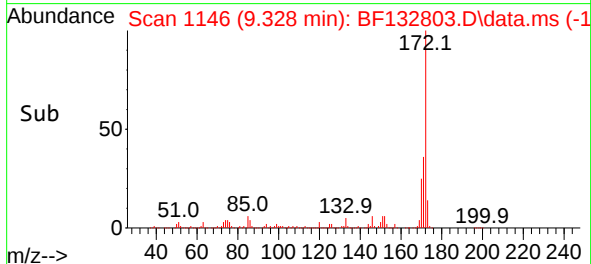
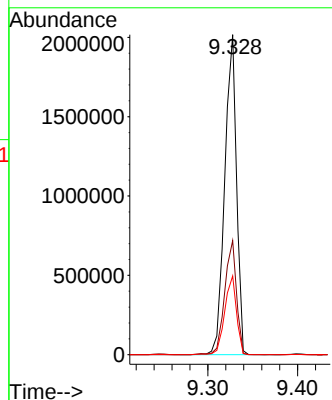
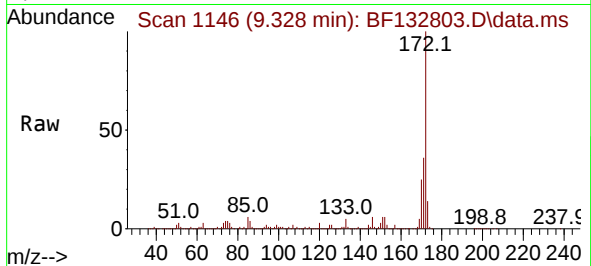




#45
2-Fluorobiphenyl
Concen: 62.919 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

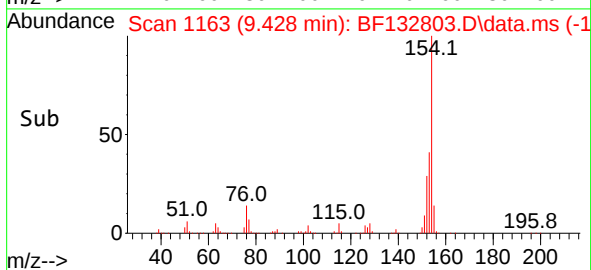
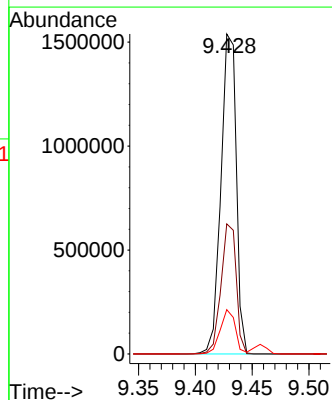
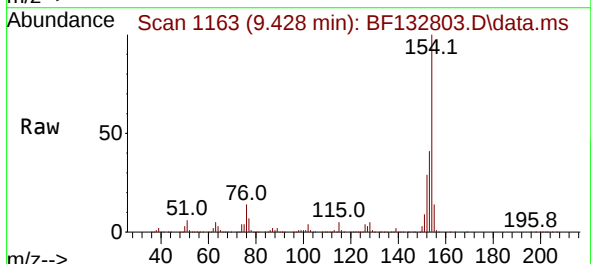
Instrument :
BNA_F
ClientSampleId :
PB151432BS

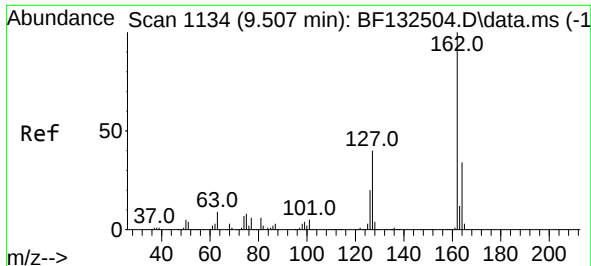
Tgt Ion:172 Resp: 1837265
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 43.215 ng
RT: 9.428 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:154 Resp: 1454305
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 13.9 0.0 34.7

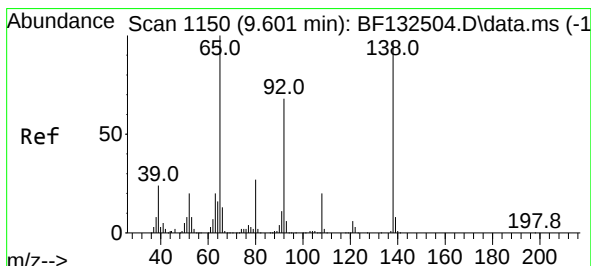
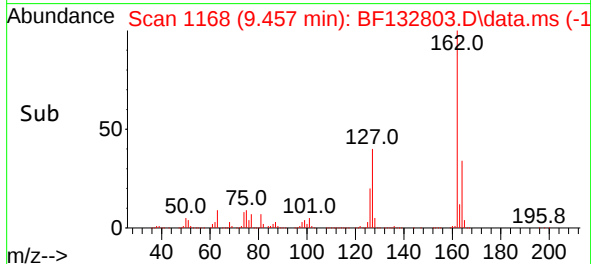
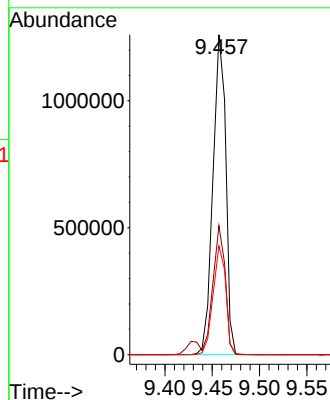
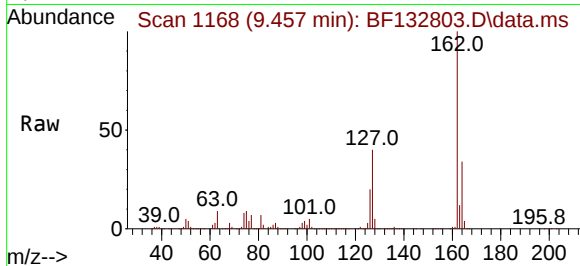




#47
2-Chloronaphthalene
Concen: 44.579 ng
RT: 9.457 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

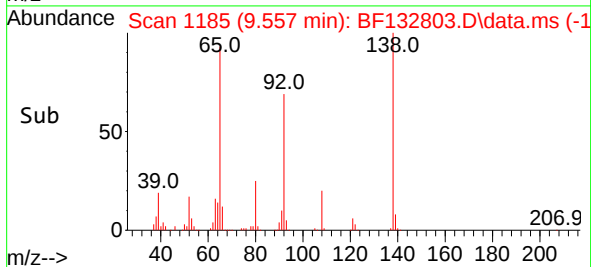
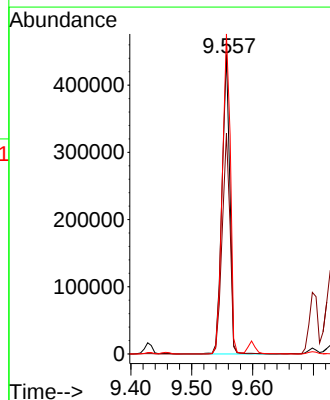
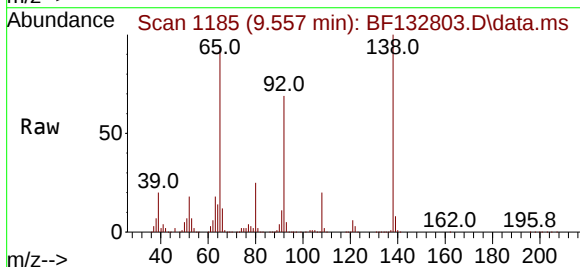
Instrument :
BNA_F
ClientSampleId :
PB151432BS

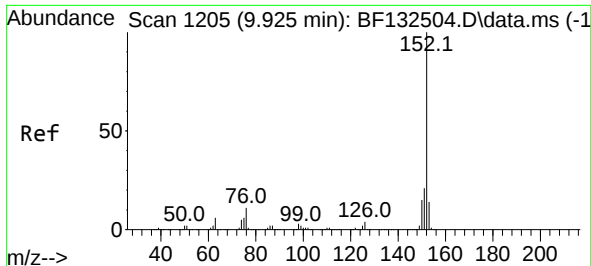
Tgt Ion:162 Resp: 1189440
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 34.0 26.9 40.3



#48
2-Nitroaniline
Concen: 40.229 ng
RT: 9.557 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 65 Resp: 395328
Ion Ratio Lower Upper
65 100
92 73.7 54.5 81.7
138 106.9 77.2 115.8





#49

Acenaphthylene

Concen: 41.925 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

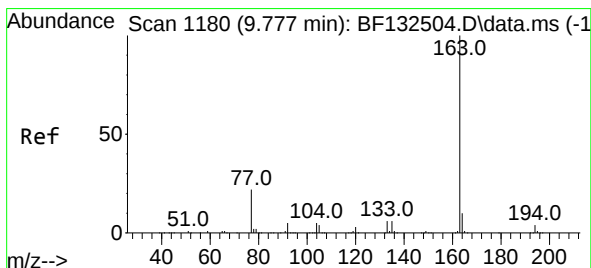
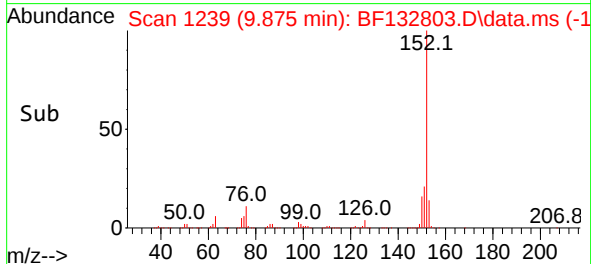
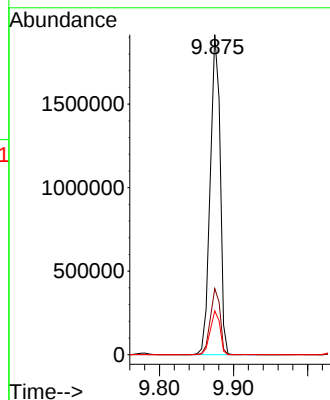
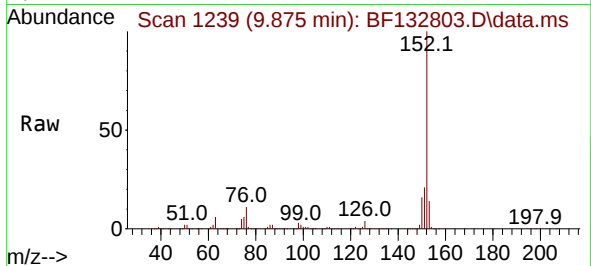
Tgt Ion:152 Resp: 1780311

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.7 11.0 16.6



#50

Dimethylphthalate

Concen: 44.651 ng

RT: 9.728 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

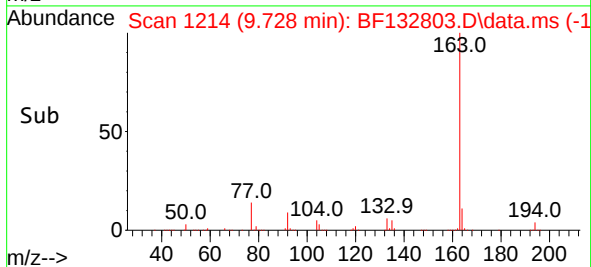
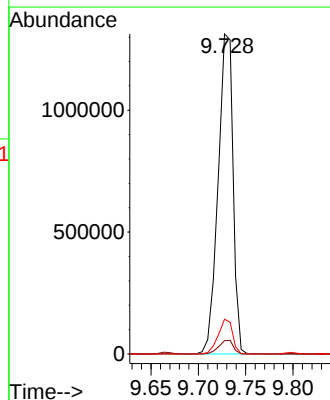
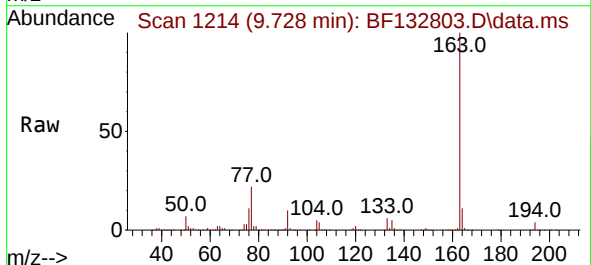
Tgt Ion:163 Resp: 1445545

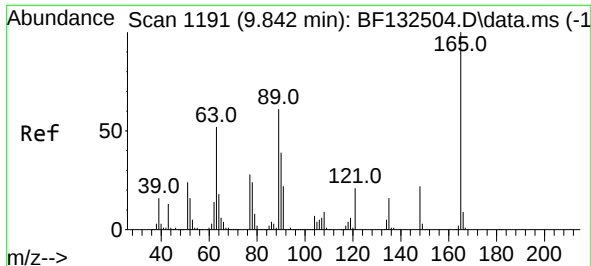
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.9 8.3 12.5

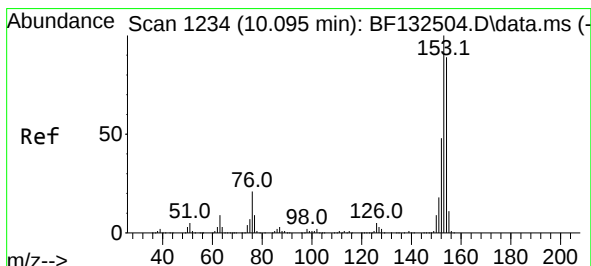
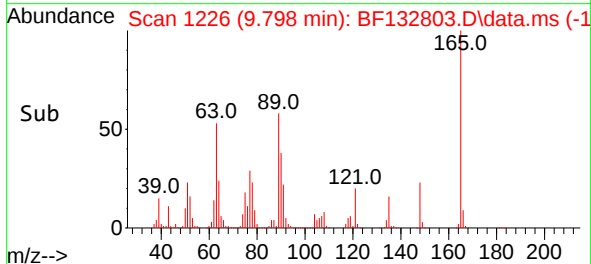
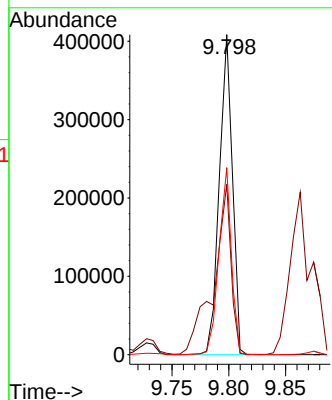
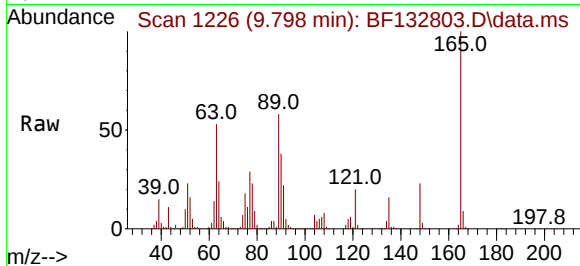




#51
2,6-Dinitrotoluene
Concen: 44.460 ng
RT: 9.798 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

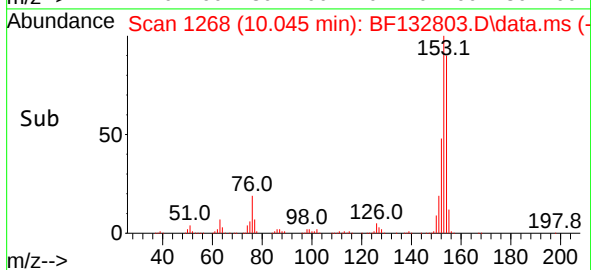
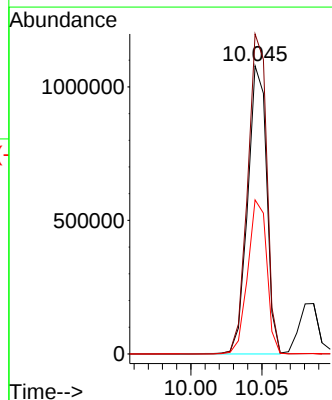
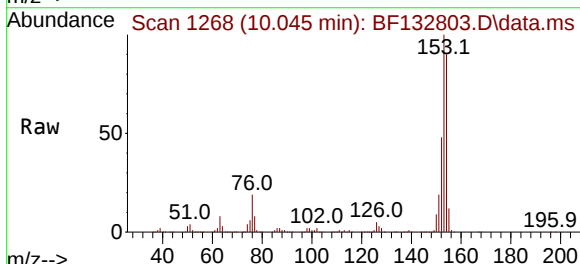
Instrument :
BNA_F
ClientSampleId :
PB151432BS

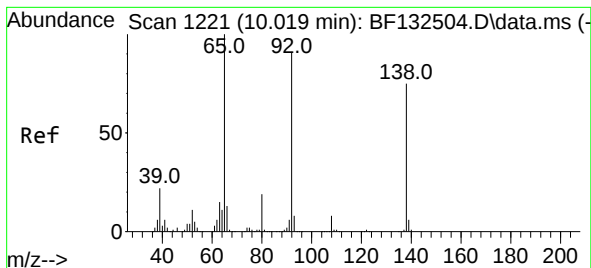
Tgt Ion:165 Resp: 327799
Ion Ratio Lower Upper
165 100
63 53.2 47.3 70.9
89 58.4 48.9 73.3



#52
Acenaphthene
Concen: 37.141 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:154 Resp: 1001472
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 53.5 43.3 64.9

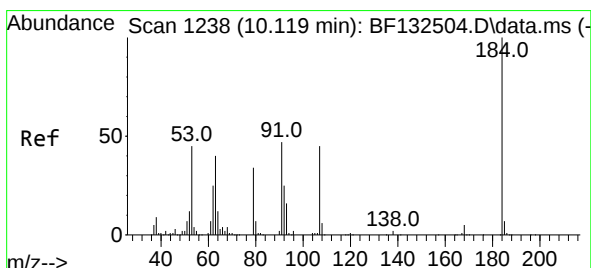
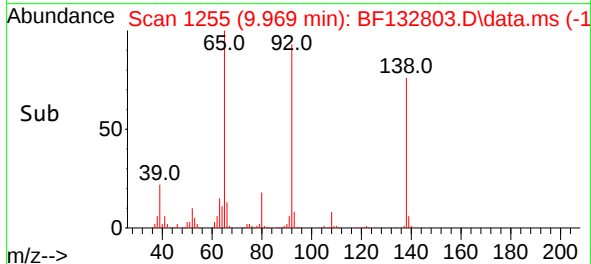
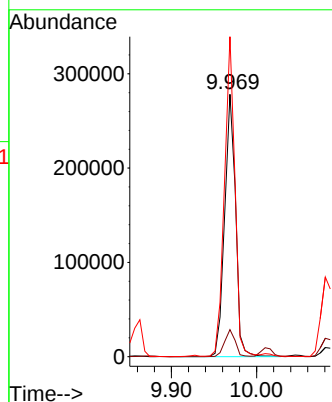
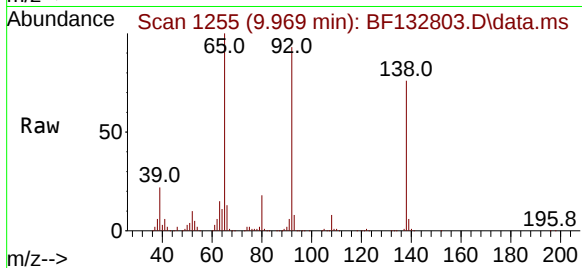




#53
3-Nitroaniline
Concen: 30.037 ng
RT: 9.969 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

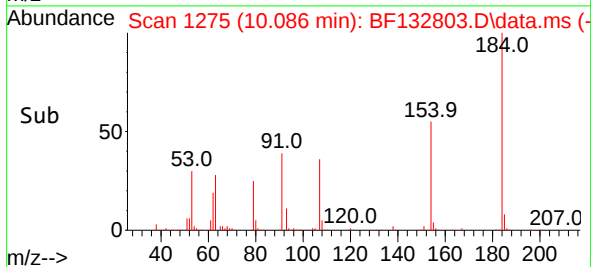
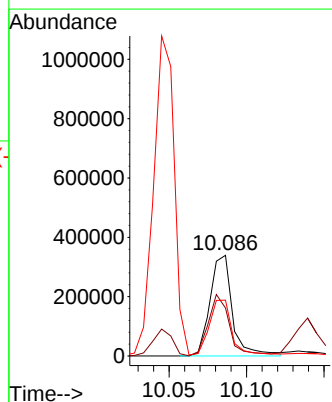
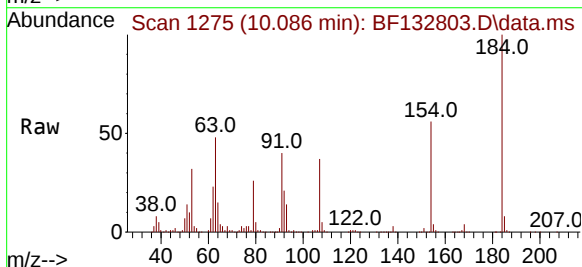
Instrument :
BNA_F
ClientSampleId :
PB151432BS

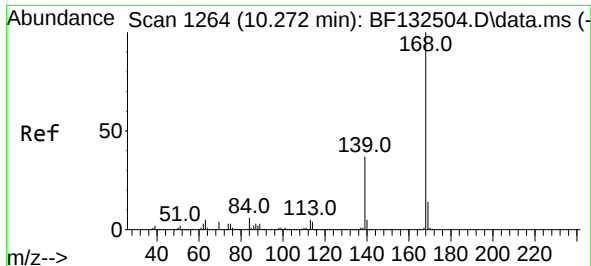
Tgt Ion:138 Resp: 247733
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 122.0 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 73.767 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:184 Resp: 342045
Ion Ratio Lower Upper
184 100
63 47.7 51.4 77.2#
154 55.5 48.3 72.5

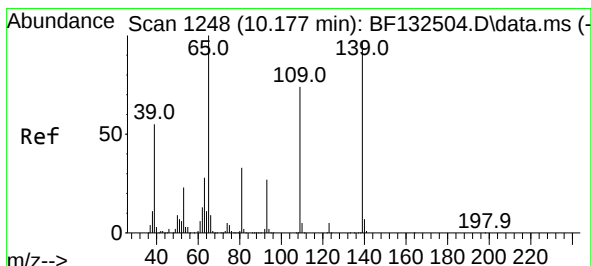
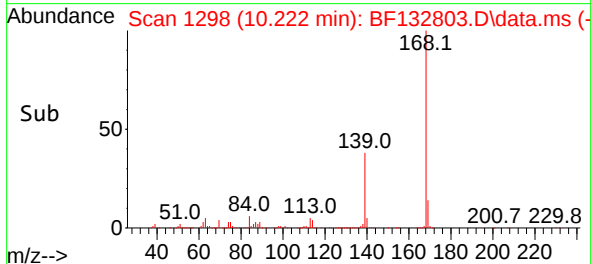
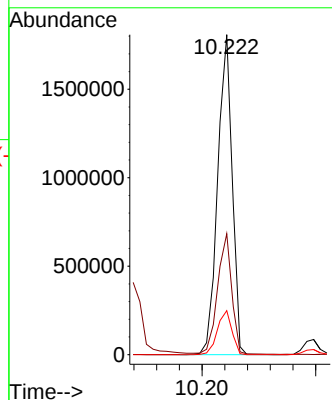
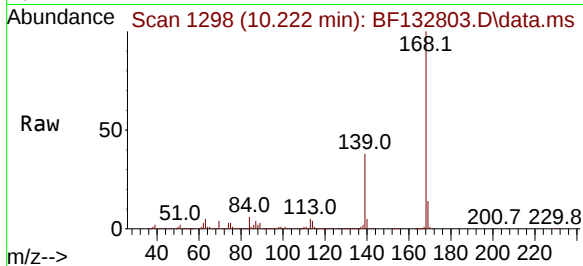




#55
Dibenzenofuran
Concen: 40.699 ng
RT: 10.222 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

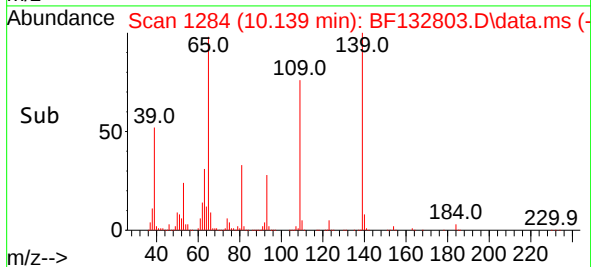
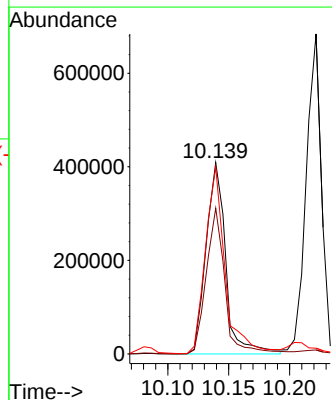
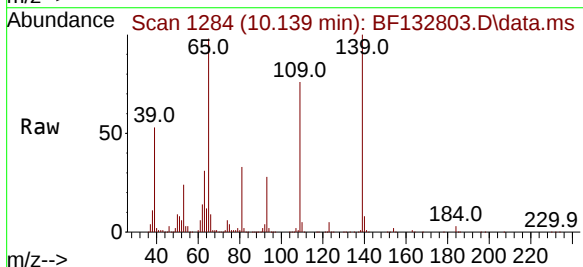
Instrument :
BNA_F
ClientSampleId :
PB151432BS

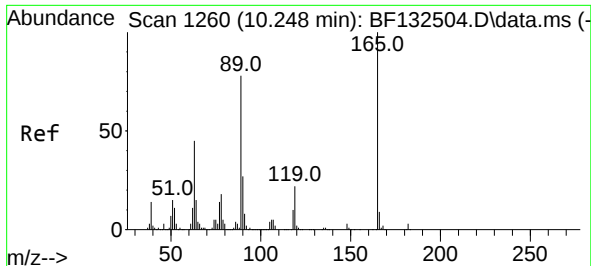
Tgt Ion:168 Resp: 1599840
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 74.523 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

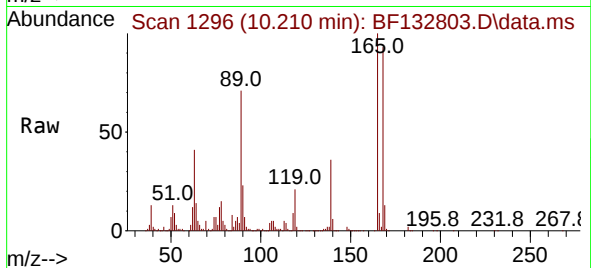
Tgt Ion:139 Resp: 458365
Ion Ratio Lower Upper
139 100
109 76.2 56.7 96.7
65 97.7 83.5 123.5



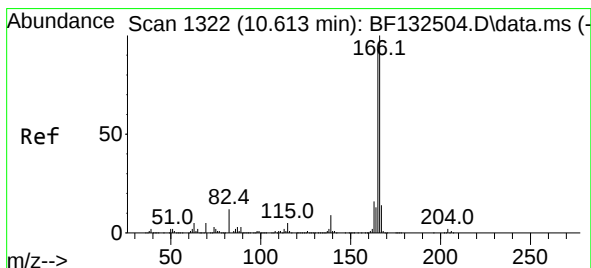
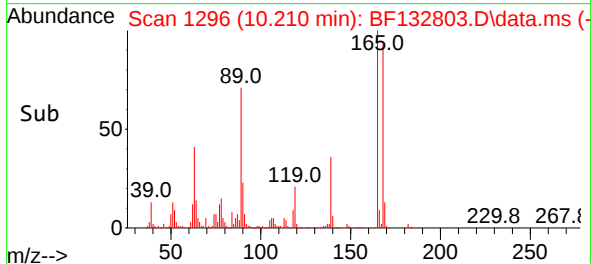
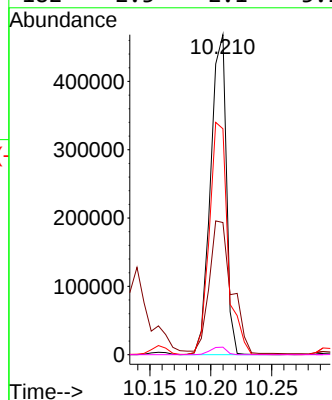


#57
2,4-Dinitrotoluene
Concen: 42.851 ng
RT: 10.210 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Instrument :
BNA_F
ClientSampleId :
PB151432BS

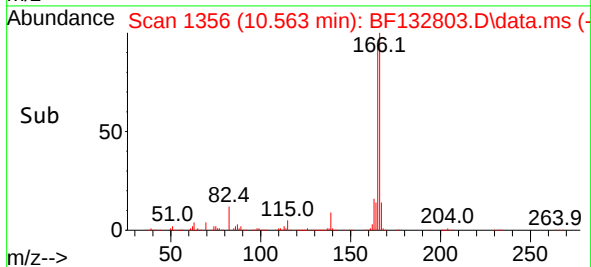
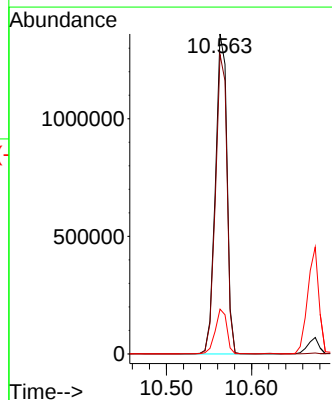
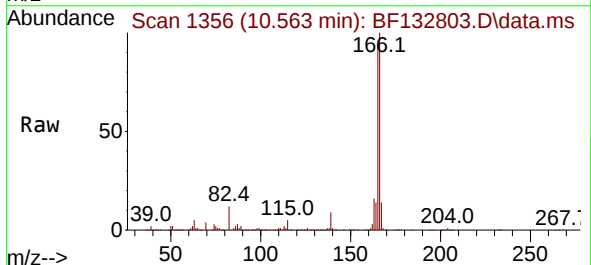


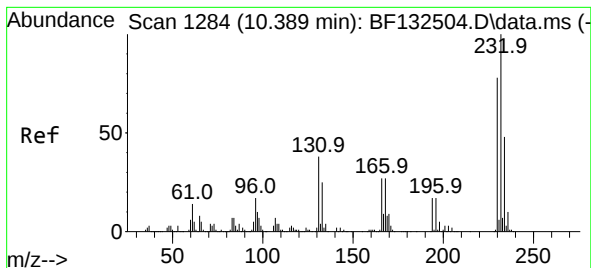
Tgt Ion:165 Resp: 420309
Ion Ratio Lower Upper
165 100
63 41.3 36.5 54.7
89 70.6 62.4 93.6
182 2.3 2.1 3.1



#58
Fluorene
Concen: 42.603 ng
RT: 10.563 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:166 Resp: 1280980
Ion Ratio Lower Upper
166 100
165 93.6 74.2 111.4
167 14.0 11.1 16.7

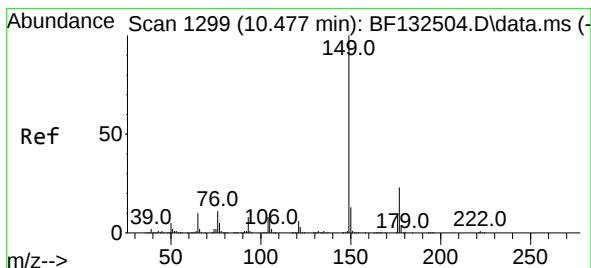
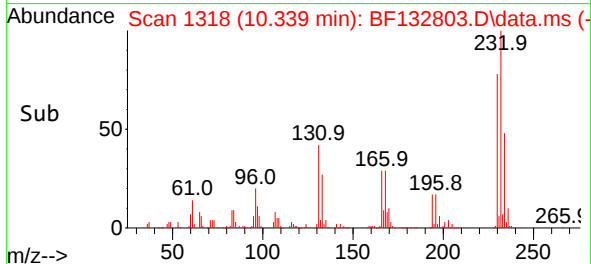
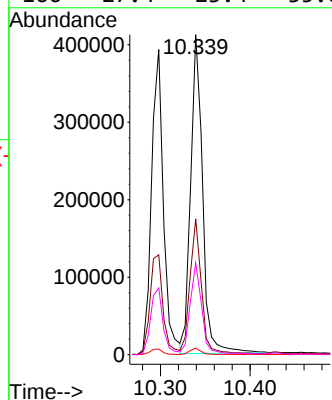
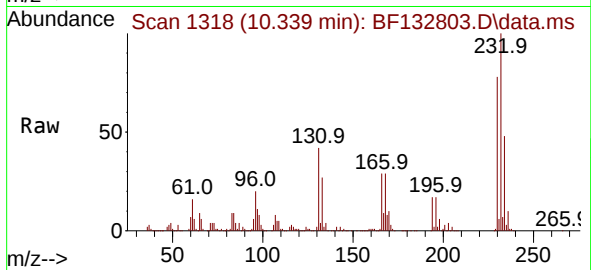




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.624 ng
RT: 10.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

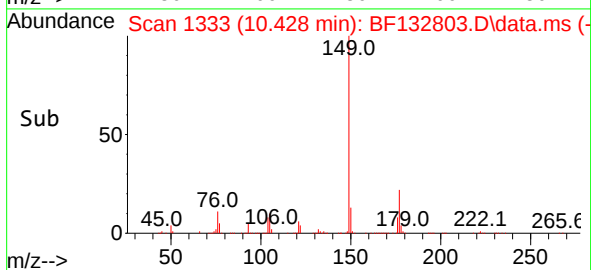
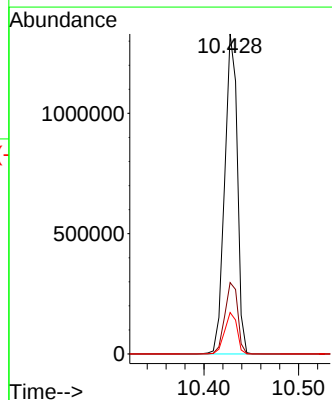
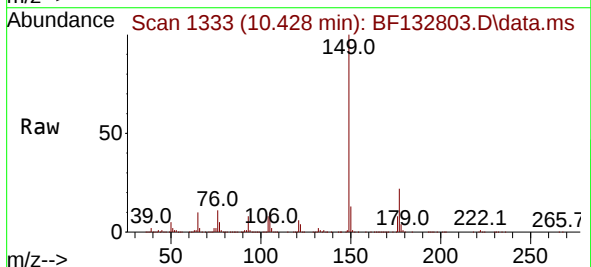
Instrument :
BNA_F
ClientSampleId :
PB151432BS

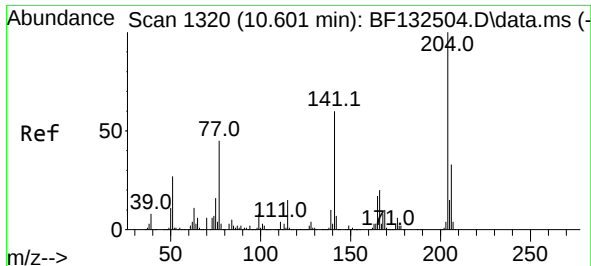
Tgt Ion:232 Resp: 381407
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 1.9 1.7 2.5
166 27.4 23.4 35.0



#60
Diethylphthalate
Concen: 39.157 ng
RT: 10.428 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:149 Resp: 1238079
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 13.0 10.2 15.2

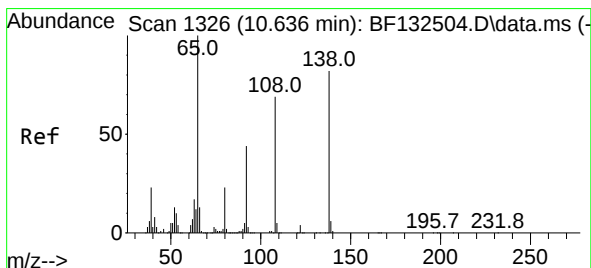
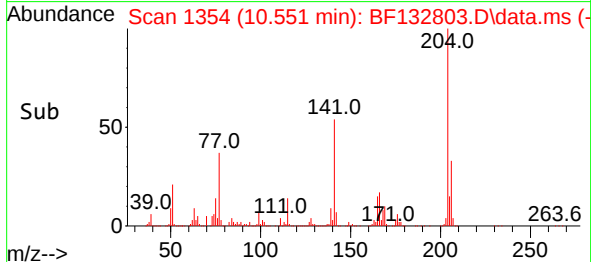
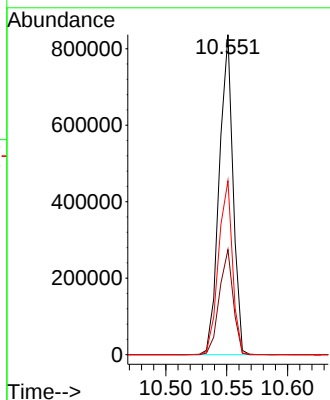
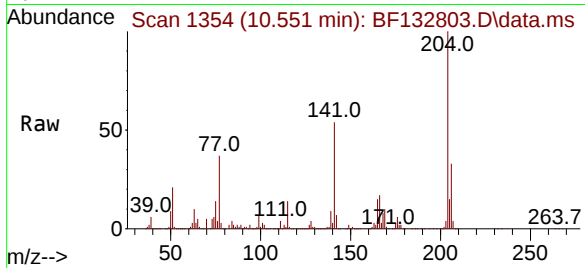




#61
4-Chlorophenyl-phenylether
Concen: 42.488 ng
RT: 10.551 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

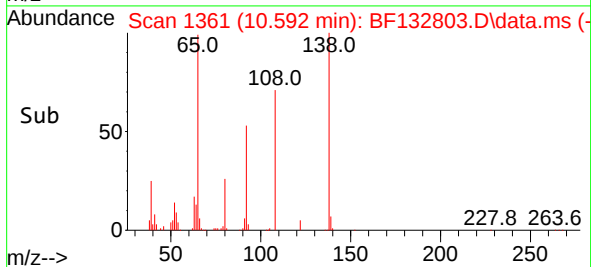
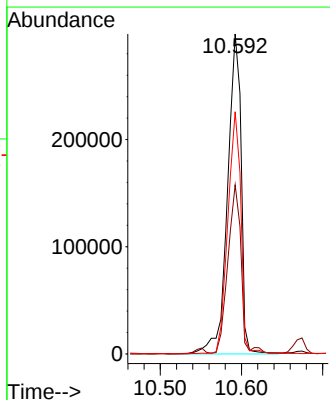
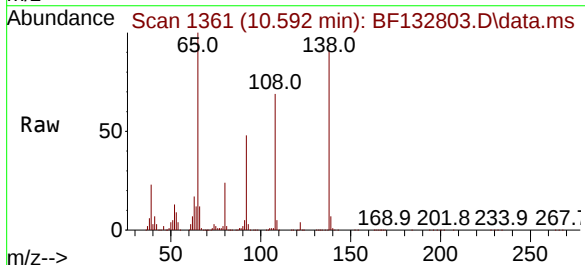
Instrument :
BNA_F
ClientSampleId :
PB151432BS

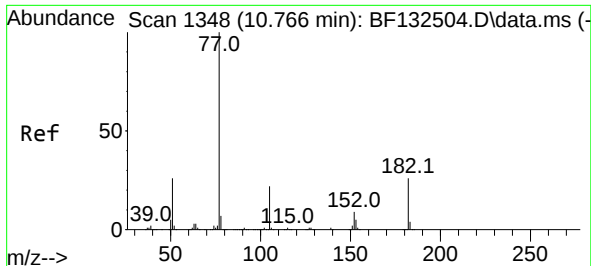
Tgt Ion:204 Resp: 662745
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 54.3 47.8 71.8



#62
4-Nitroaniline
Concen: 42.981 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:138 Resp: 347966
Ion Ratio Lower Upper
138 100
92 52.9 33.8 73.8
108 75.7 63.7 103.7

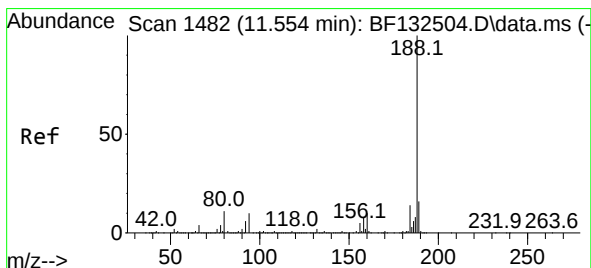
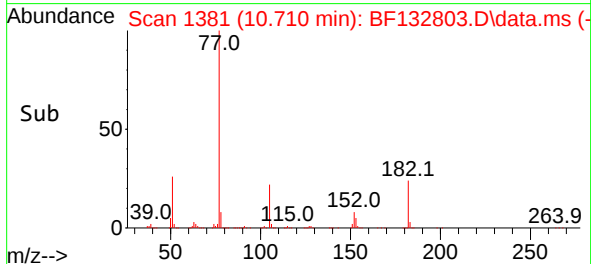
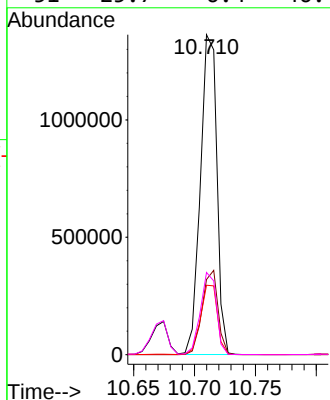
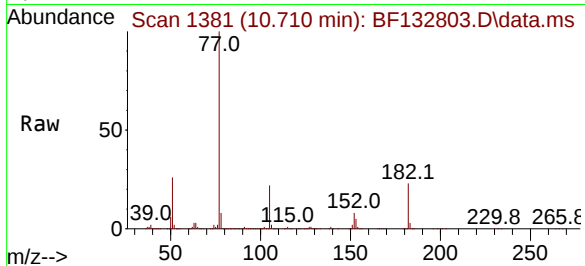




#63
Azobenzene
Concen: 38.233 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

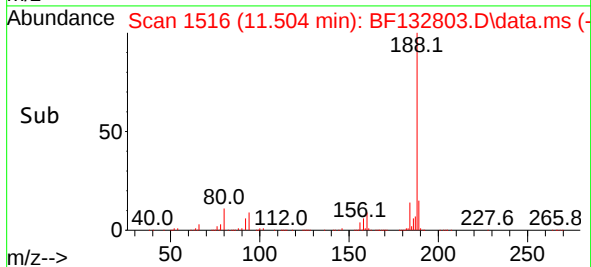
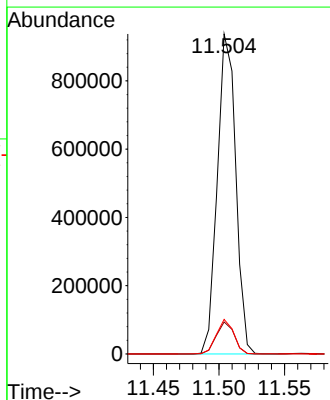
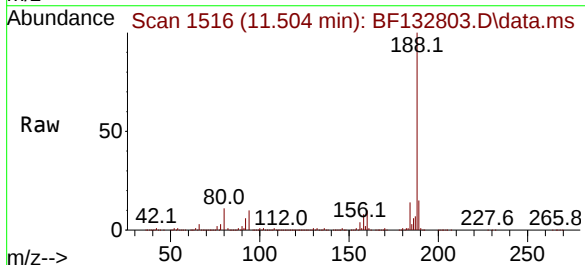
Instrument :
BNA_F
ClientSampleId :
PB151432BS

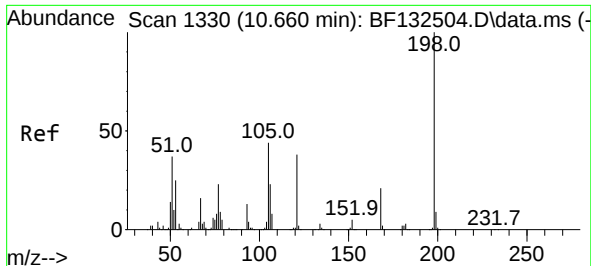
Tgt Ion: 77 Resp: 1280247
Ion Ratio Lower Upper
77 100
182 23.5 5.5 45.5
105 21.7 1.8 41.8
51 25.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion: 188 Resp: 915478
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 8.7 13.1

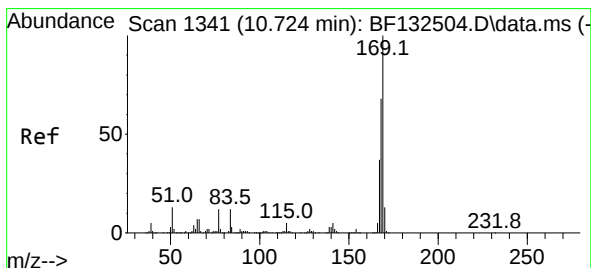
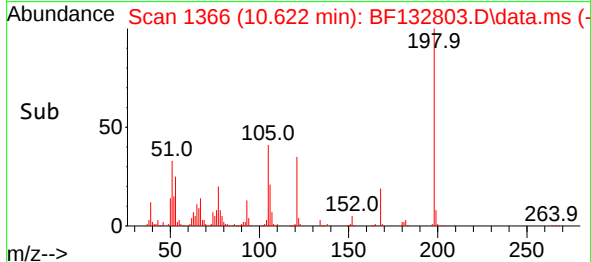
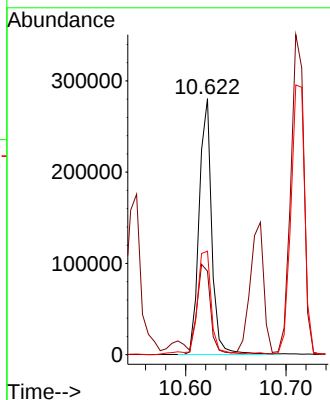
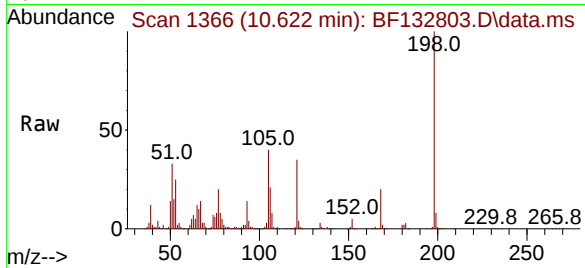




#65
4,6-Dinitro-2-methylphenol
Concen: 39.415 ng
RT: 10.622 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

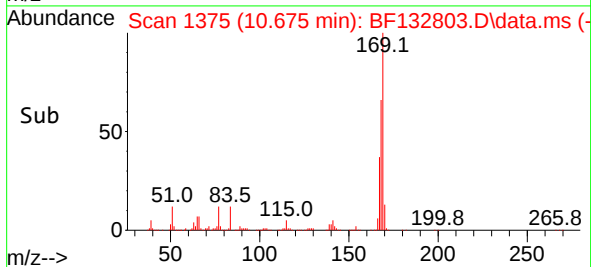
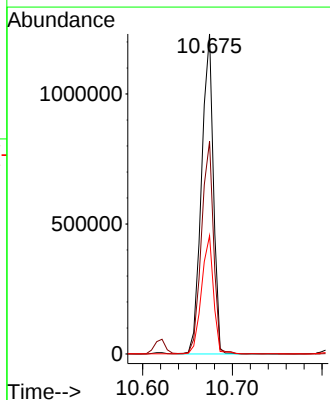
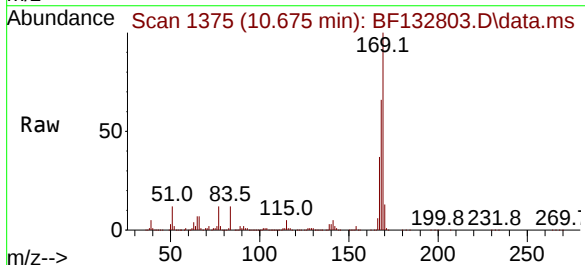
Instrument :
BNA_F
ClientSampleId :
PB151432BS

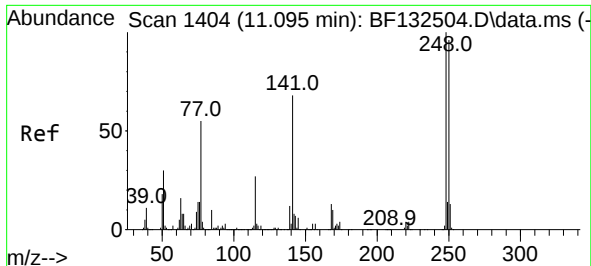
Tgt Ion:198 Resp: 244268
Ion Ratio Lower Upper
198 100
51 32.6 20.6 60.6
105 40.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.501 ng
RT: 10.675 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:169 Resp: 1127391
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 36.9 29.6 44.4

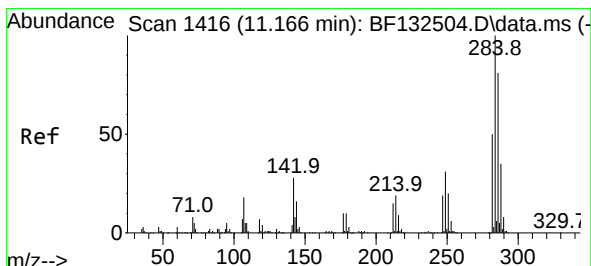
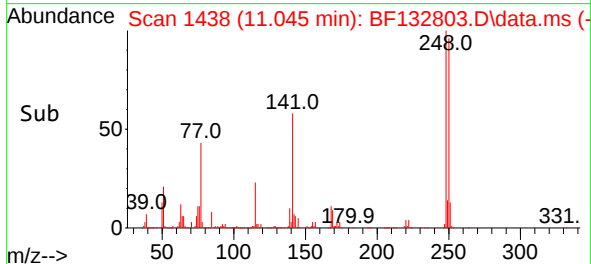
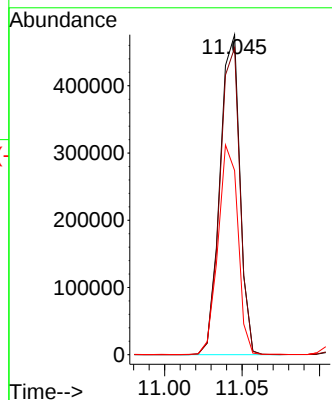
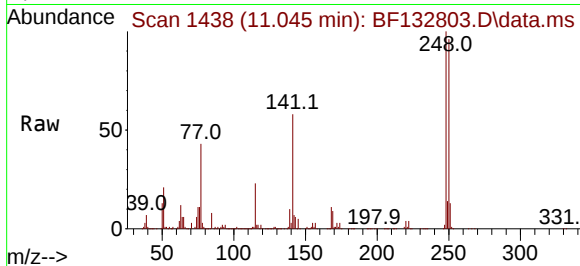




#67
4-Bromophenyl-phenylether
Concen: 41.155 ng
RT: 11.045 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

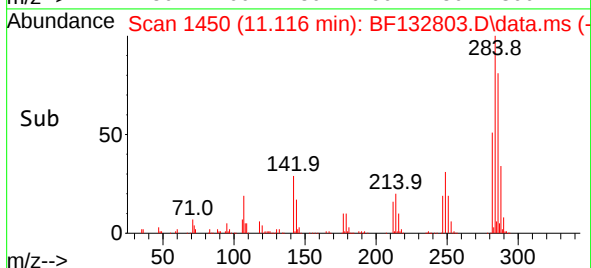
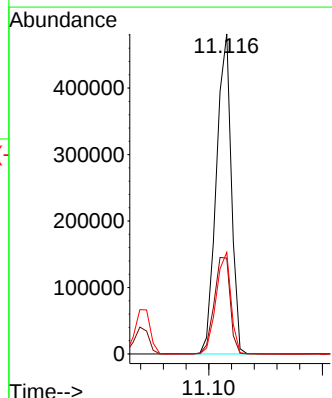
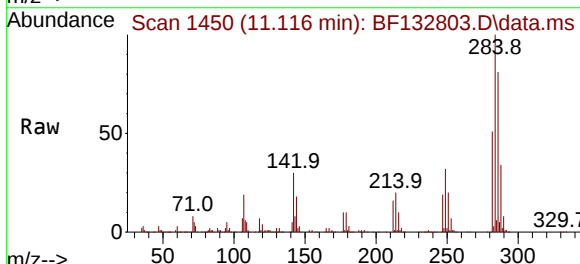
Instrument :
BNA_F
ClientSampleId :
PB151432BS

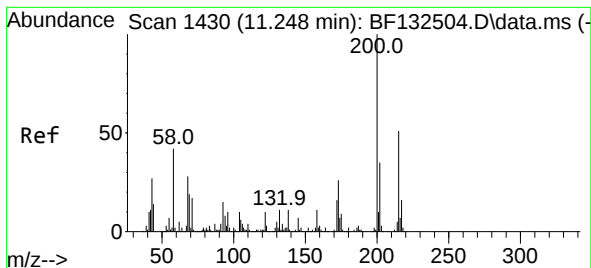
Tgt Ion:248 Resp: 426175
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 57.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 40.415 ng
RT: 11.116 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:284 Resp: 440382
Ion Ratio Lower Upper
284 100
142 29.9 22.2 33.4
249 31.7 24.9 37.3





#69

Atrazine

Concen: 45.613 ng

RT: 11.198 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

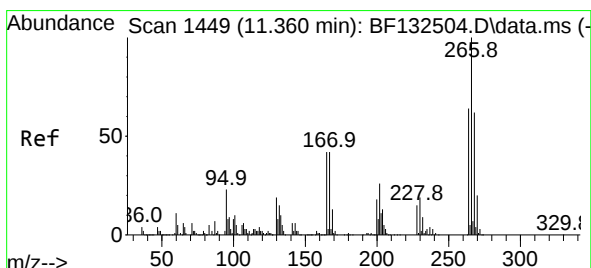
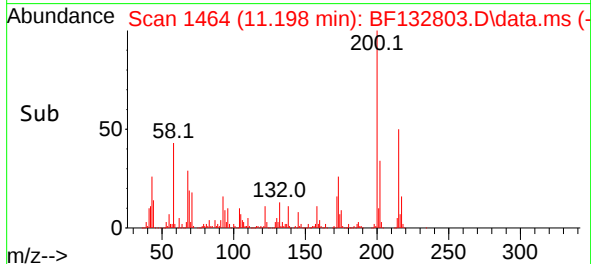
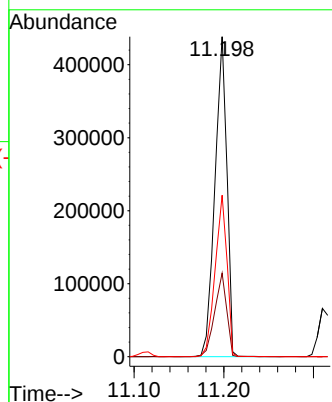
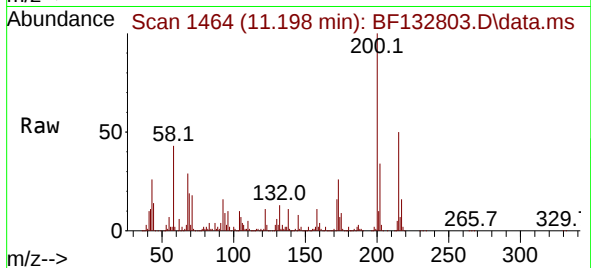
Tgt Ion:200 Resp: 406419

Ion Ratio Lower Upper

200 100

173 26.1 6.4 46.4

215 50.4 31.0 71.0



#70

Pentachlorophenol

Concen: 63.528 ng

RT: 11.316 min Scan# 1484

Delta R.T. 0.006 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

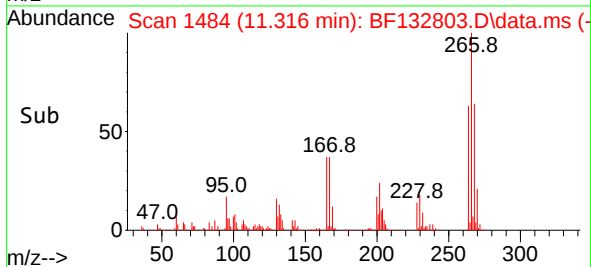
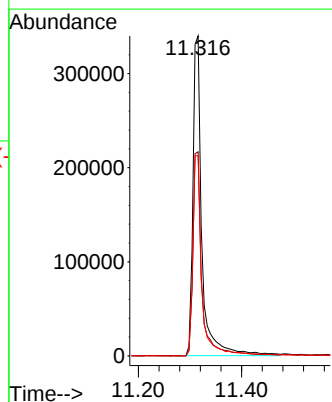
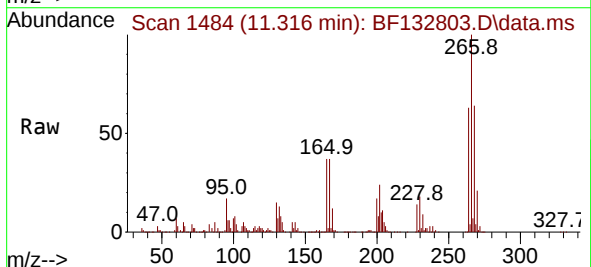
Tgt Ion:266 Resp: 411852

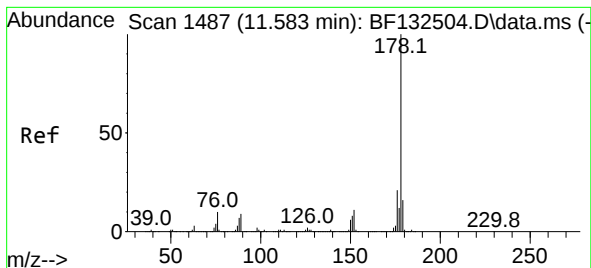
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.6

264 62.6 50.9 76.3





#71

Phenanthrene

Concen: 39.281 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

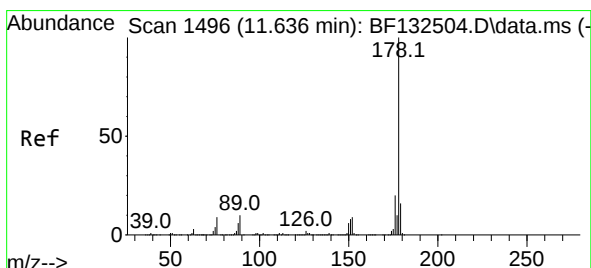
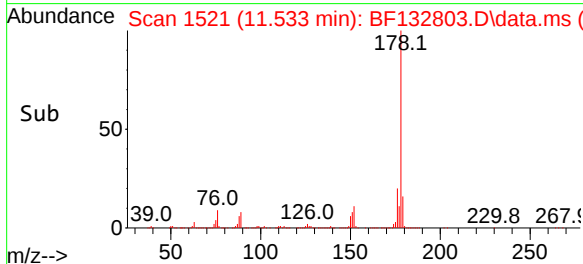
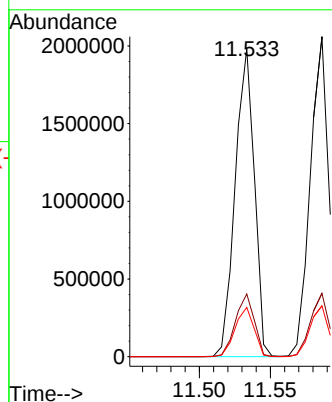
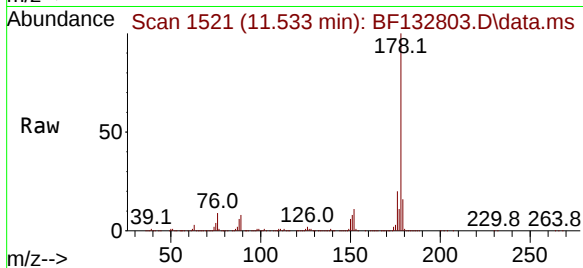
Tgt Ion:178 Resp: 1862950

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

179 16.0 13.0 19.6



#72

Anthracene

Concen: 37.962 ng

RT: 11.586 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

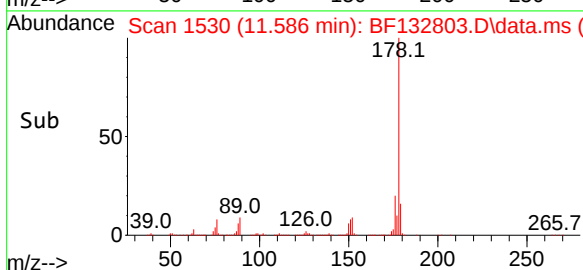
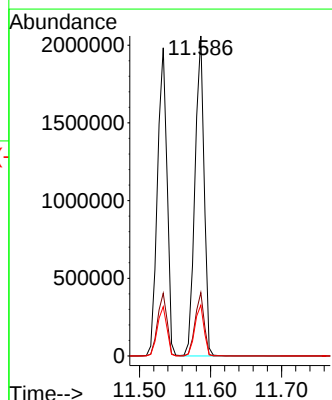
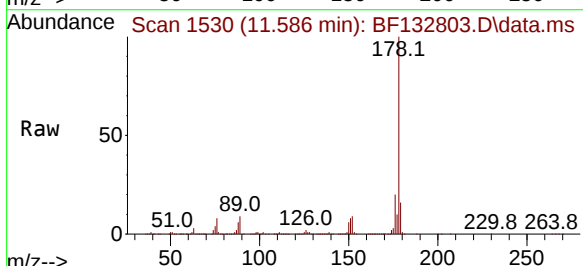
Tgt Ion:178 Resp: 1853986

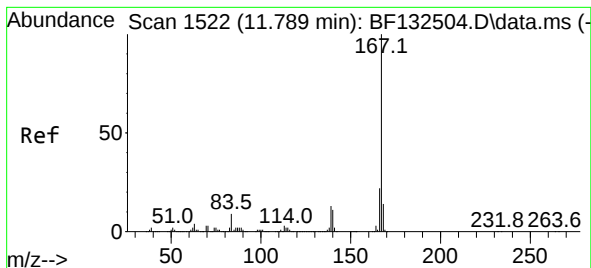
Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.9 12.5 18.7





#73

Carbazole

Concen: 39.901 ng

RT: 11.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

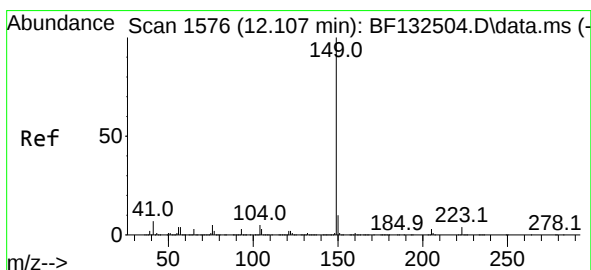
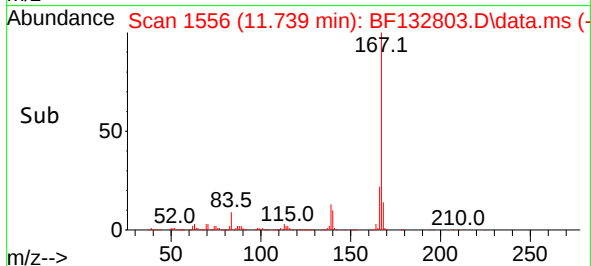
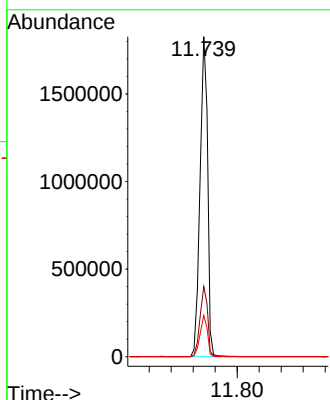
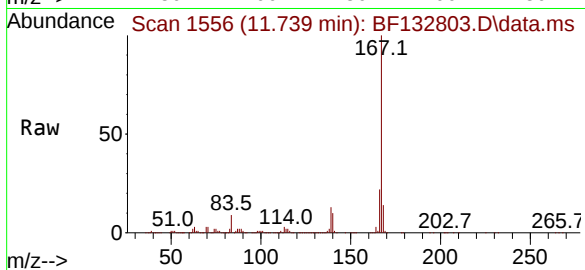
Tgt Ion:167 Resp: 1756962

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 40.449 ng

RT: 12.057 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

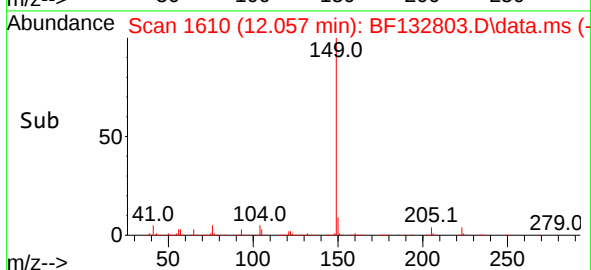
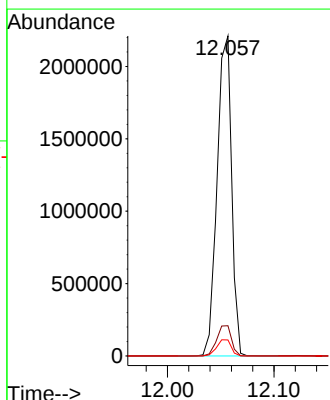
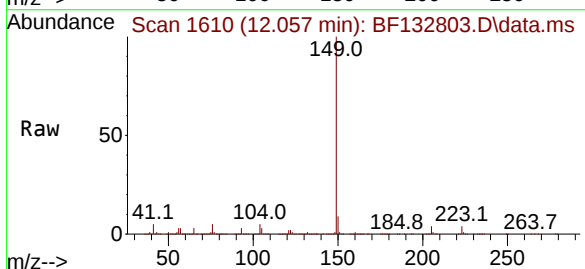
Tgt Ion:149 Resp: 2089234

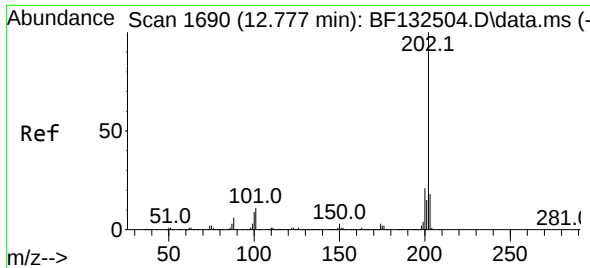
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 5.0 4.3 6.5

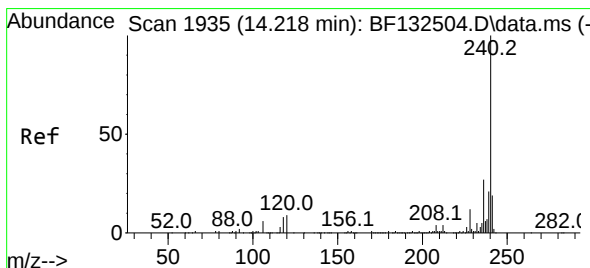
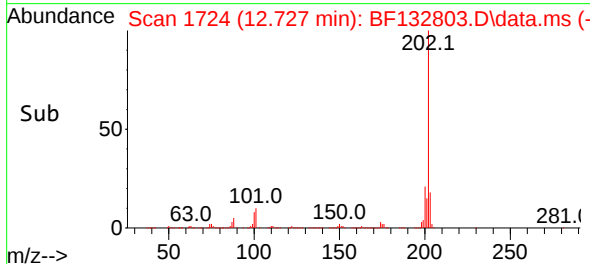
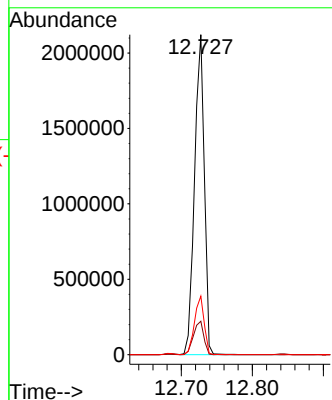
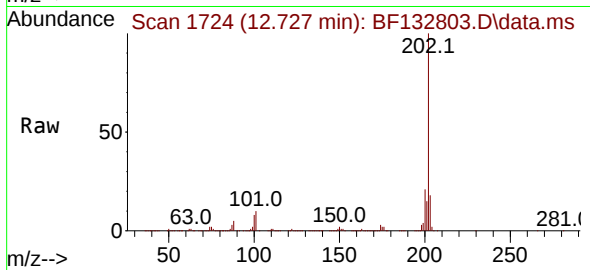




#75
Fluoranthene
Concen: 39.133 ng
RT: 12.727 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

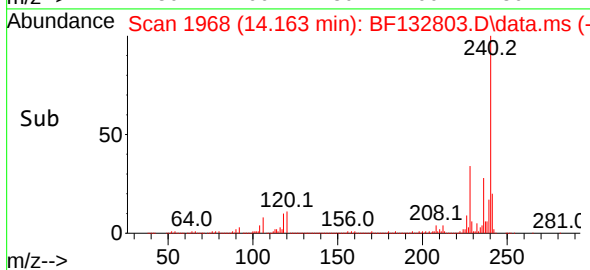
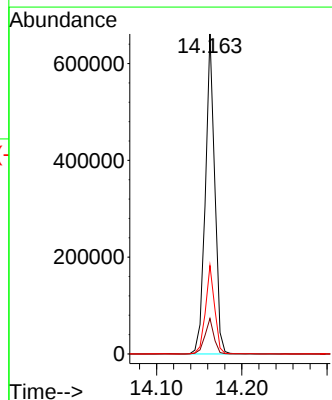
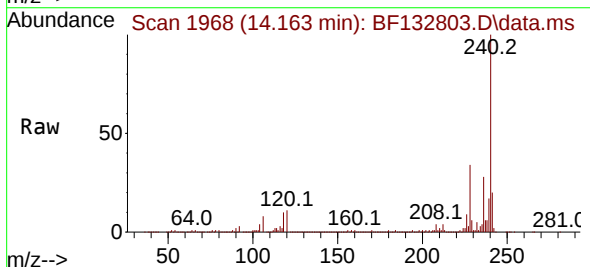
Instrument :
BNA_F
ClientSampleId :
PB151432BS

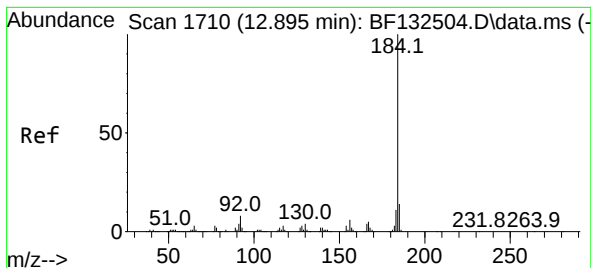
Tgt Ion:202 Resp: 2028938
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:240 Resp: 504027
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 27.7 21.8 32.6





#77

Benzidine

Concen: 63.729 ng

RT: 12.845 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

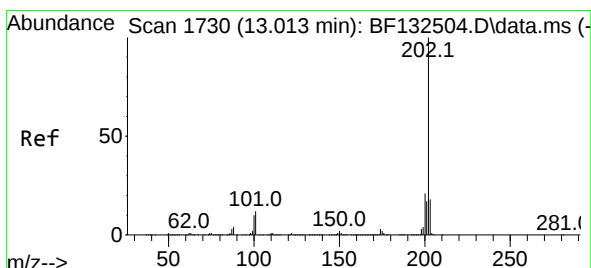
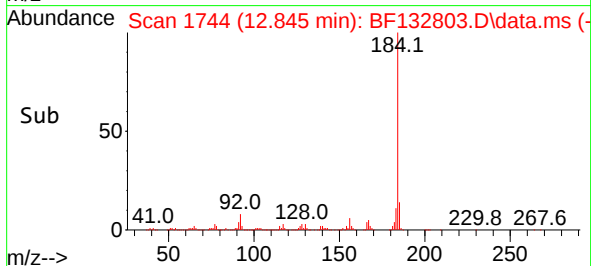
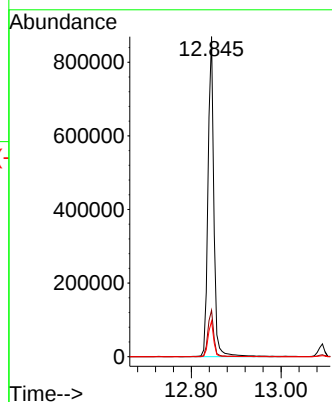
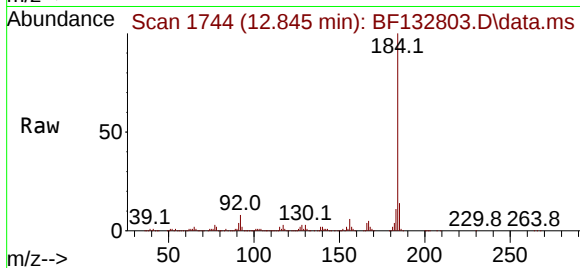
Tgt Ion:184 Resp: 781919

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.1 8.7 13.1



#78

Pyrene

Concen: 44.589 ng

RT: 12.957 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

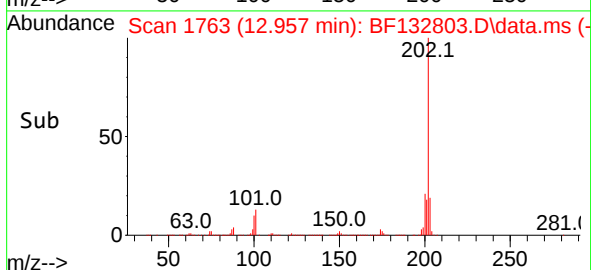
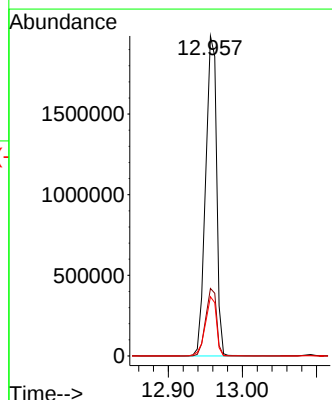
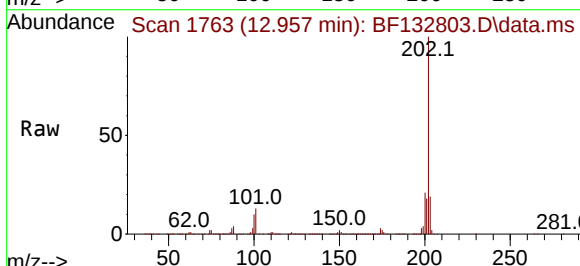
Tgt Ion:202 Resp: 2043268

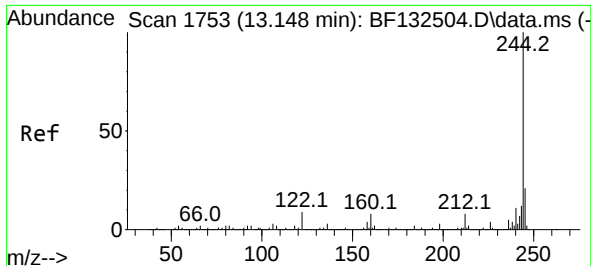
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 18.5 14.6 21.8

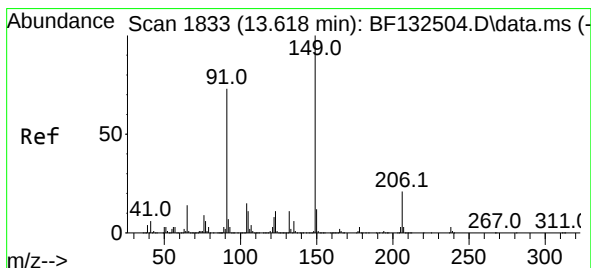
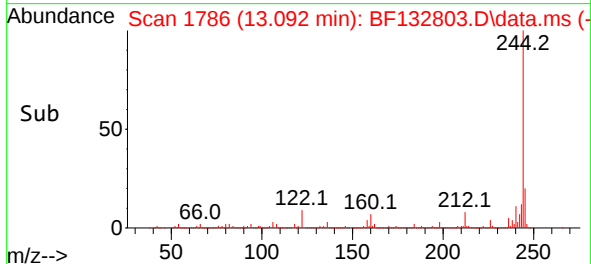
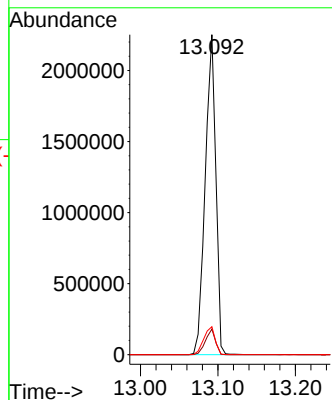
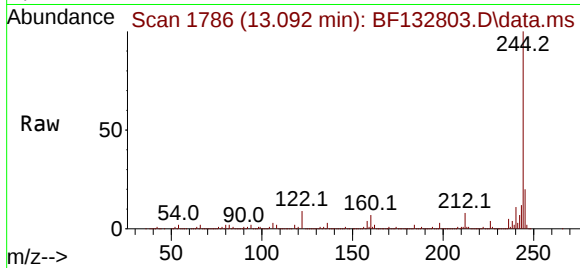




#79
 Terphenyl-d14
 Concen: 71.703 ng
 RT: 13.092 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

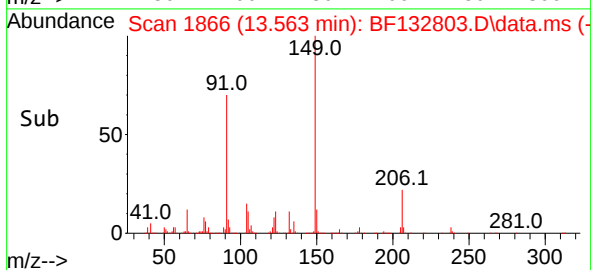
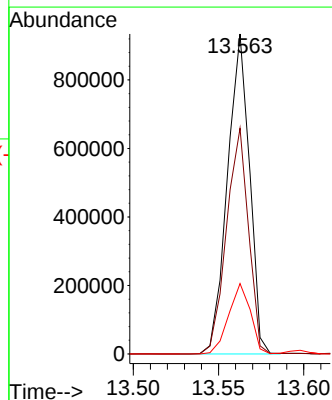
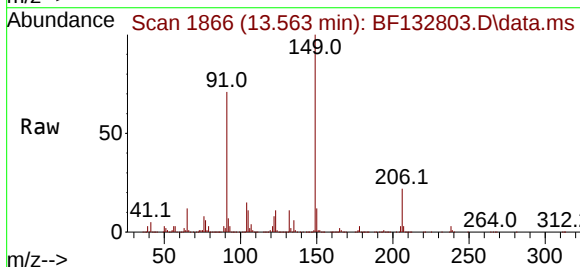
Instrument :
 BNA_F
 ClientSampleId :
 PB151432BS

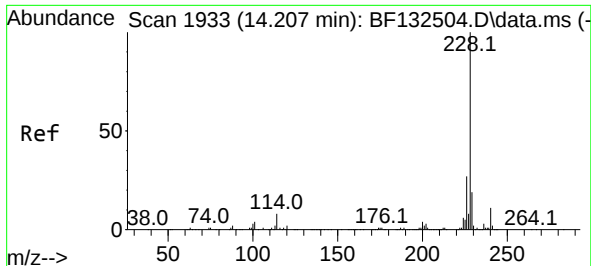
Tgt Ion:244 Resp: 2137534
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 46.552 ng
 RT: 13.563 min Scan# 1866
 Delta R.T. -0.000 min
 Lab File: BF132803.D
 Acq: 15 Mar 2023 15:04

Tgt Ion:149 Resp: 841820
 Ion Ratio Lower Upper
 149 100
 91 70.6 58.4 87.6
 206 22.0 16.8 25.2

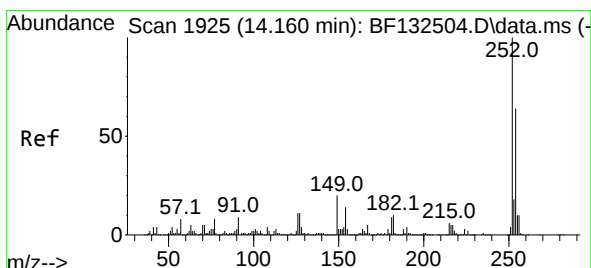
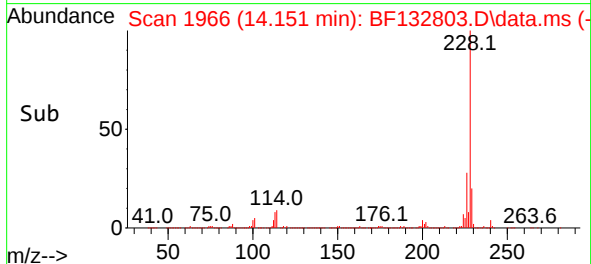
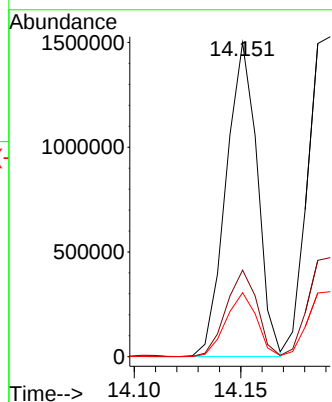
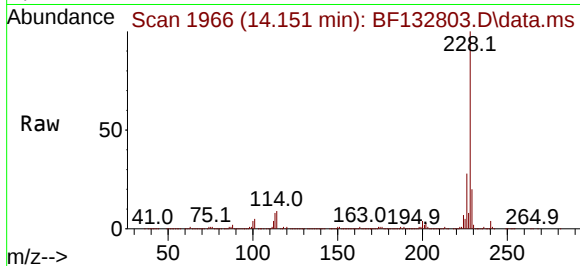




#81
Benzo(a)anthracene
Concen: 40.360 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

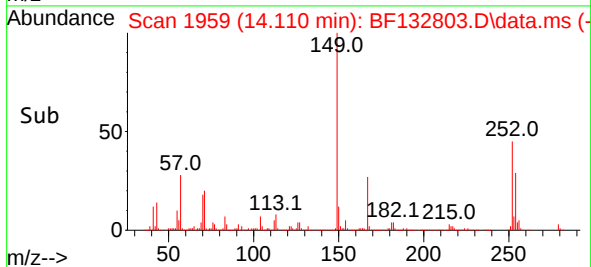
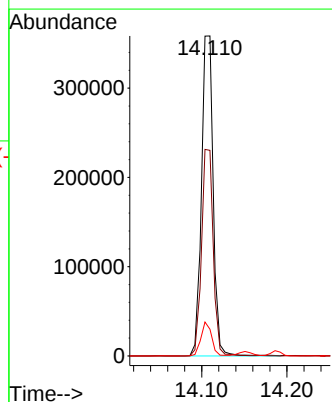
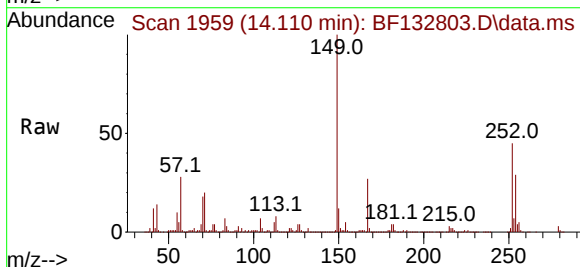
Instrument :
BNA_F
ClientSampleId :
PB151432BS

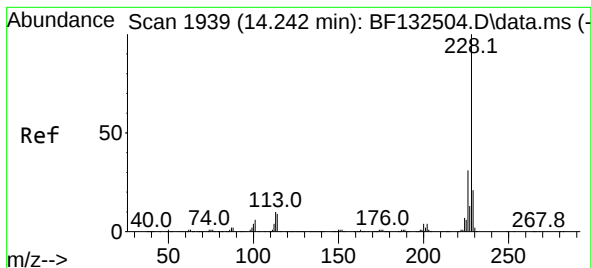
Tgt Ion:228 Resp: 1522060
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 30.782 ng
RT: 14.110 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF132803.D
Acq: 15 Mar 2023 15:04

Tgt Ion:252 Resp: 342245
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 8.4 8.9 13.3#





#83

Chrysene

Concen: 42.480 ng

RT: 14.192 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

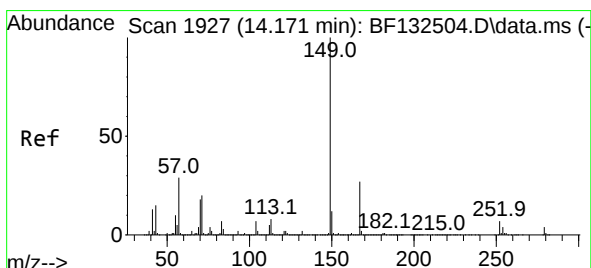
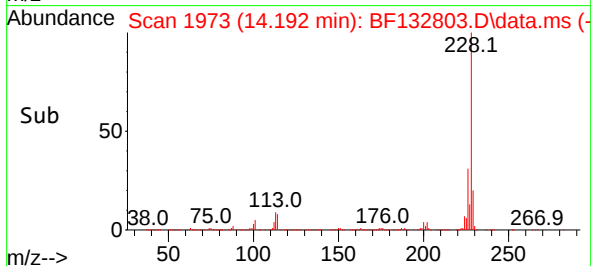
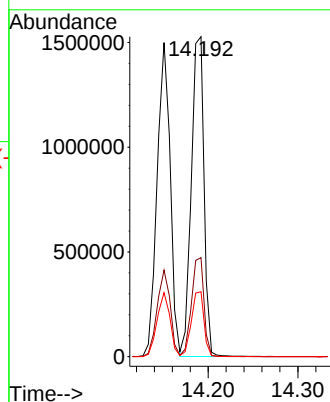
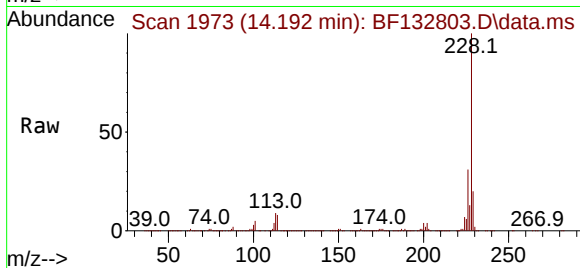
Tgt Ion:228 Resp: 1498103

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 20.3 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.518 ng

RT: 14.116 min Scan# 1960

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

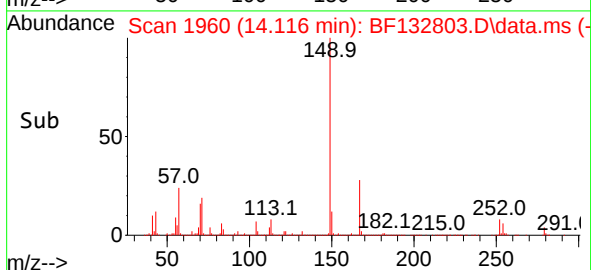
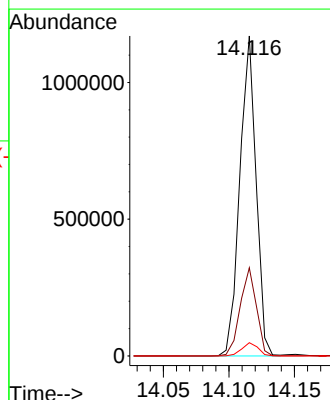
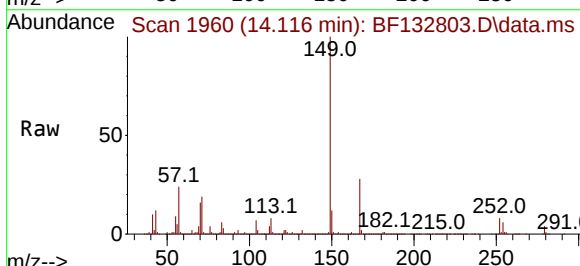
Tgt Ion:149 Resp: 1011159

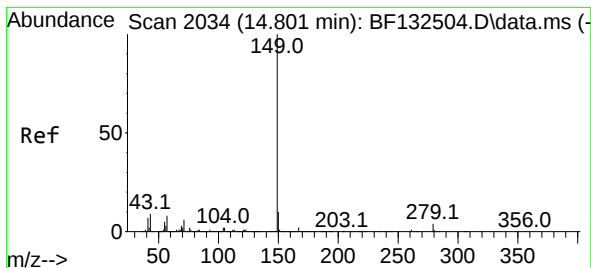
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.983 ng

RT: 14.733 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

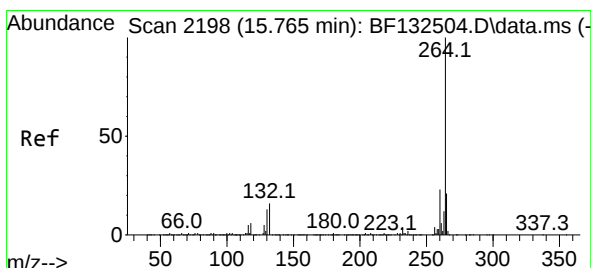
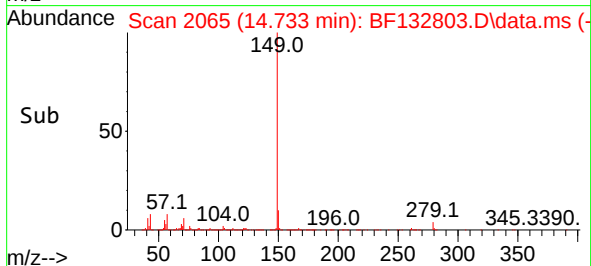
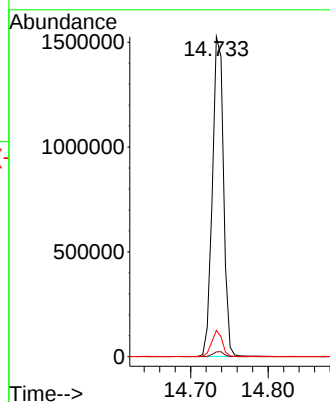
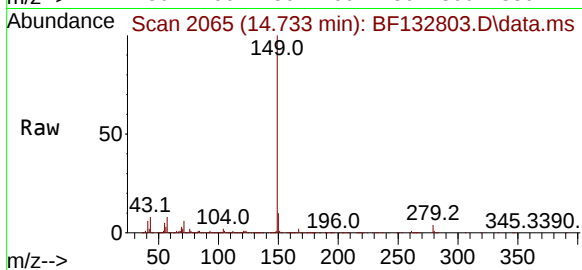
Tgt Ion:149 Resp: 1525175

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

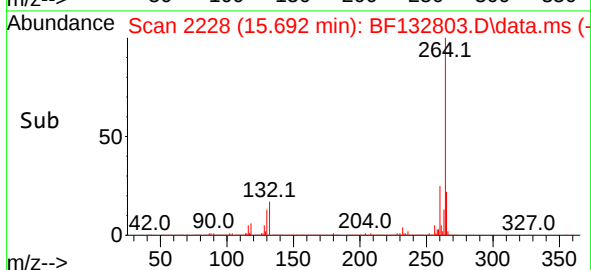
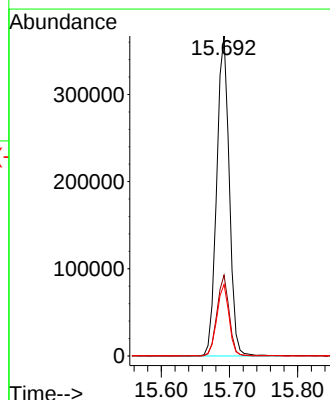
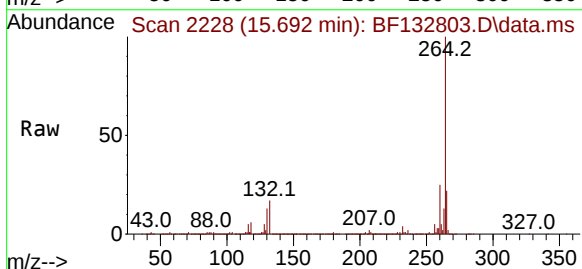
Tgt Ion:264 Resp: 469711

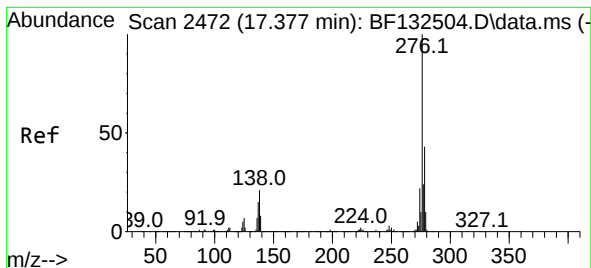
Ion Ratio Lower Upper

264 100

260 25.3 18.8 28.2

265 22.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.307 ng

RT: 17.280 min Scan# 2472

Delta R.T. 0.006 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

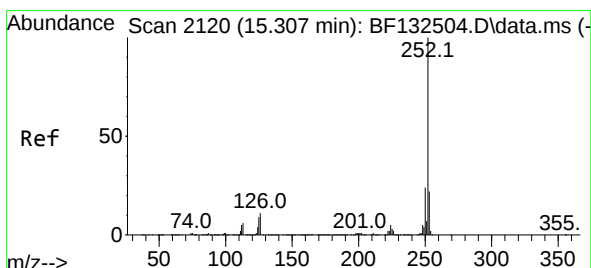
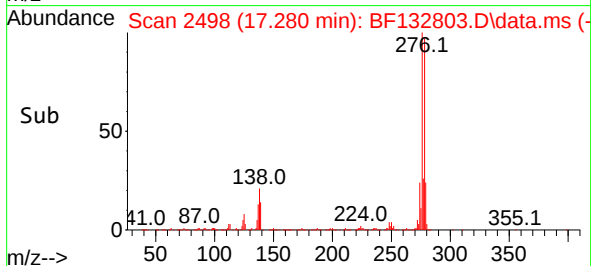
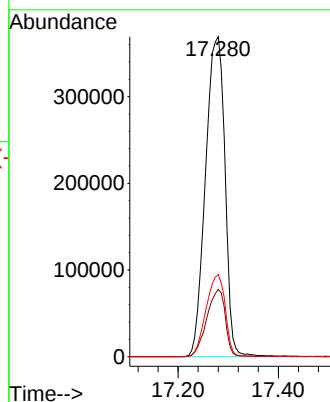
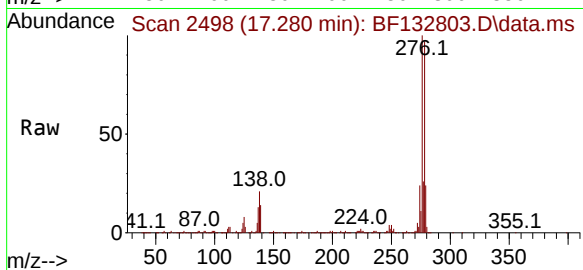
Tgt Ion:276 Resp: 994343

Ion Ratio Lower Upper

276 100

138 20.1 19.0 28.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.546 ng

RT: 15.239 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

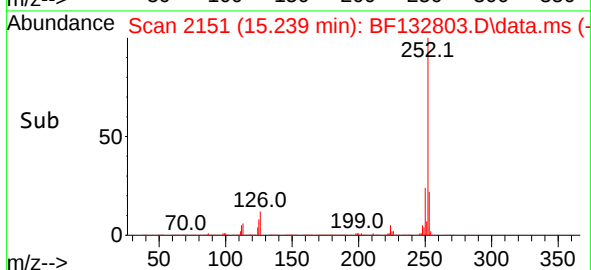
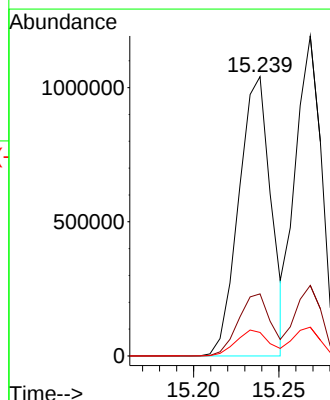
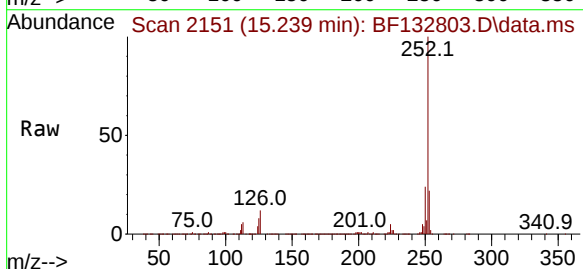
Tgt Ion:252 Resp: 1370729

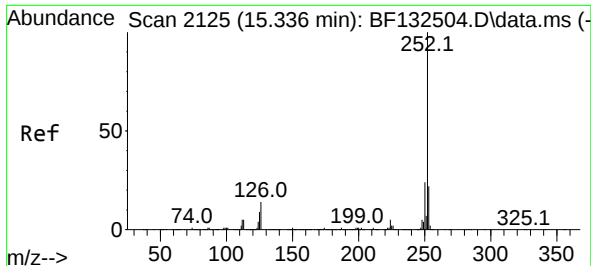
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.696 ng

RT: 15.268 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

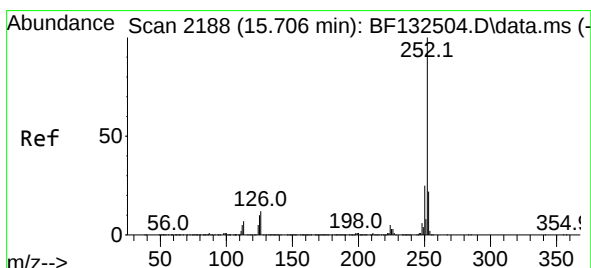
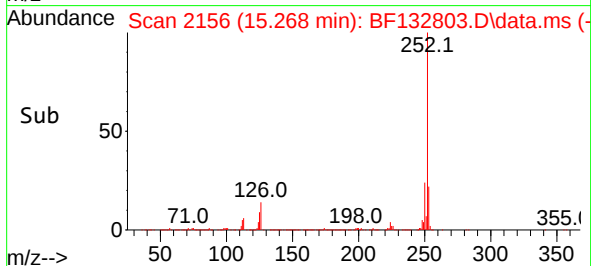
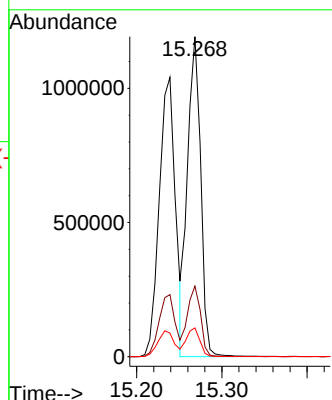
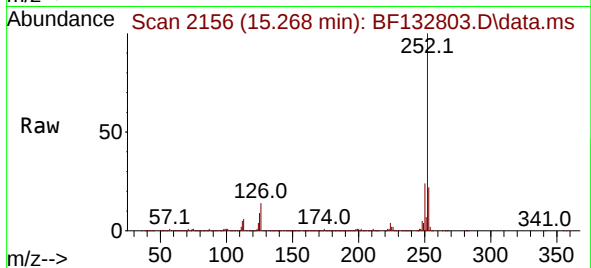
Tgt Ion:252 Resp: 1284526

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 40.150 ng

RT: 15.627 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

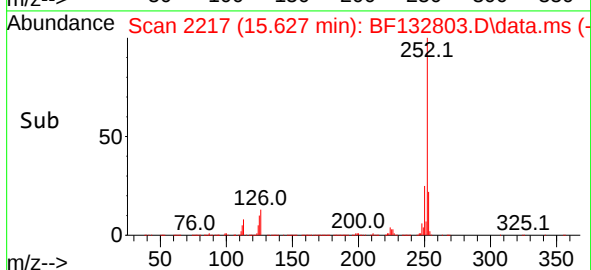
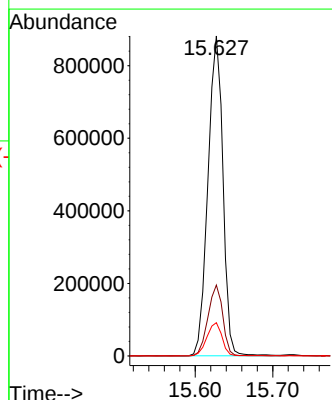
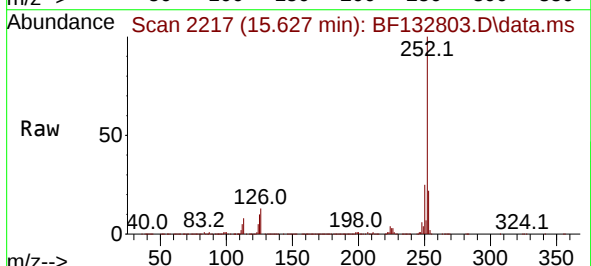
Tgt Ion:252 Resp: 1182852

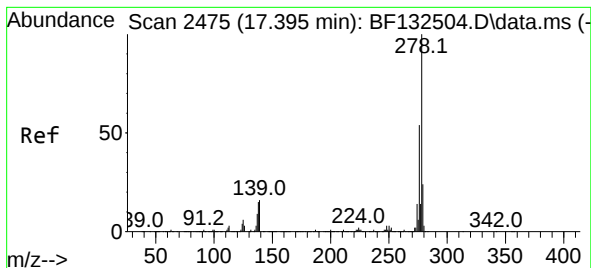
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.4 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 31.982 ng

RT: 17.286 min Scan# 2475

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PB151432BS

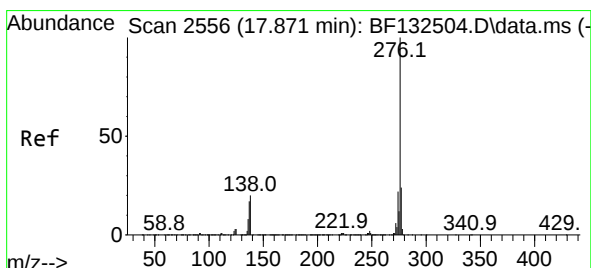
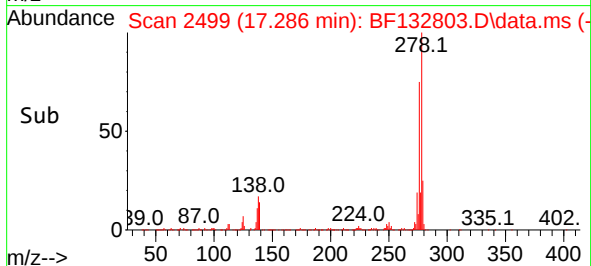
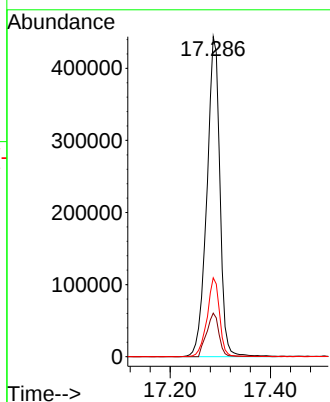
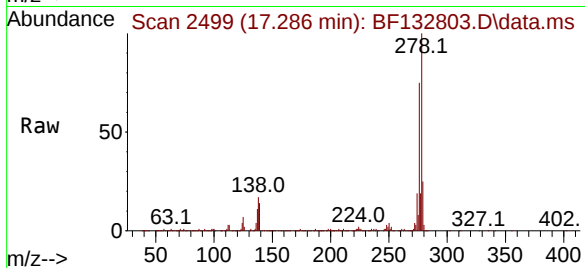
Tgt Ion:278 Resp: 801998

Ion Ratio Lower Upper

278 100

139 13.6 13.0 19.4

279 24.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 30.020 ng

RT: 17.756 min Scan# 2579

Delta R.T. -0.000 min

Lab File: BF132803.D

Acq: 15 Mar 2023 15:04

Tgt Ion:276 Resp: 833013

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 18.4 16.2 24.4

