

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132104.D
 Acq On : 17 Jan 2023 20:43
 Operator : CG\JU
 Sample : PB150083BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

Quant Time: Jan 18 05:48:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	229186	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	859616	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	466953	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	907605	20.000	ng	0.00
76) Chrysene-d12	14.318	240	464180	20.000	ng	0.00
86) Perylene-d12	15.918	264	395837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1503223	117.363	ng	0.02
7) Phenol-d6	6.719	99	2007485	121.508	ng	0.00
23) Nitrobenzene-d5	7.666	82	1359857	88.447	ng	0.00
42) 2,4,6-Tribromophenol	10.954	330	616711	130.475	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2176735	69.820	ng	0.00
79) Terphenyl-d14	13.254	244	2472880	89.804	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	236739	35.285	ng	100
3) Pyridine	3.896	79	624229	34.029	ng	97
4) n-Nitrosodimethylamine	3.860	42	385901	43.084	ng	99
6) Aniline	6.760	93	853483	35.859	ng	100
8) 2-Chlorophenol	6.884	128	647163	48.246	ng	99
9) Benzaldehyde	6.648	77	266213	22.314	ng	98
10) Phenol	6.737	94	743938	43.441	ng	96
11) bis(2-Chloroethyl)ether	6.831	93	652232	44.154	ng	99
12) 1,3-Dichlorobenzene	7.042	146	661943	44.118	ng	97
13) 1,4-Dichlorobenzene	7.119	146	668402	44.997	ng	98
14) 1,2-Dichlorobenzene	7.272	146	638919	44.735	ng	100
15) Benzyl Alcohol	7.237	79	584612	44.547	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.372	45	996280	44.164	ng	99
17) 2-Methylphenol	7.342	107	529790	43.128	ng	99
18) Hexachloroethane	7.619	117	248814	46.571	ng	89
19) n-Nitroso-di-n-propyla...	7.513	70	440065	41.820	ng	99
20) 3+4-Methylphenols	7.495	107	638053	42.359	ng	91
22) Acetophenone	7.513	105	811775	40.823	ng	98
24) Nitrobenzene	7.689	77	709697	43.453	ng	96
25) Isophorone	7.925	82	1382770	42.226	ng	99
26) 2-Nitrophenol	8.001	139	312076	48.392	ng	97
27) 2,4-Dimethylphenol	8.031	122	594962	44.659	ng	97
28) bis(2-Chloroethoxy)met...	8.131	93	771022	41.162	ng	99
29) 2,4-Dichlorophenol	8.236	162	552769	44.344	ng	95
30) 1,2,4-Trichlorobenzene	8.325	180	596377	42.963	ng	99
31) Naphthalene	8.413	128	1703150	40.252	ng	100
32) Benzoic acid	8.154	122	431768	45.883	ng	97
33) 4-Chloroaniline	8.448	127	230094	12.488	ng	97
34) Hexachlorobutadiene	8.525	225	393335	43.409	ng	99
35) Caprolactam	8.836	113	123374	30.526	ng	98
36) 4-Chloro-3-methylphenol	8.931	107	589128	44.865	ng	96
37) 2-Methylnaphthalene	9.101	142	1137493	39.086	ng	99
38) 1-Methylnaphthalene	9.207	142	1077112	39.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.272	216	592303	40.069	ng	98
41) Hexachlorocyclopentadiene	9.260	237	743106	101.531	ng	99
43) 2,4,6-Trichlorophenol	9.378	196	444375	45.932	ng	97

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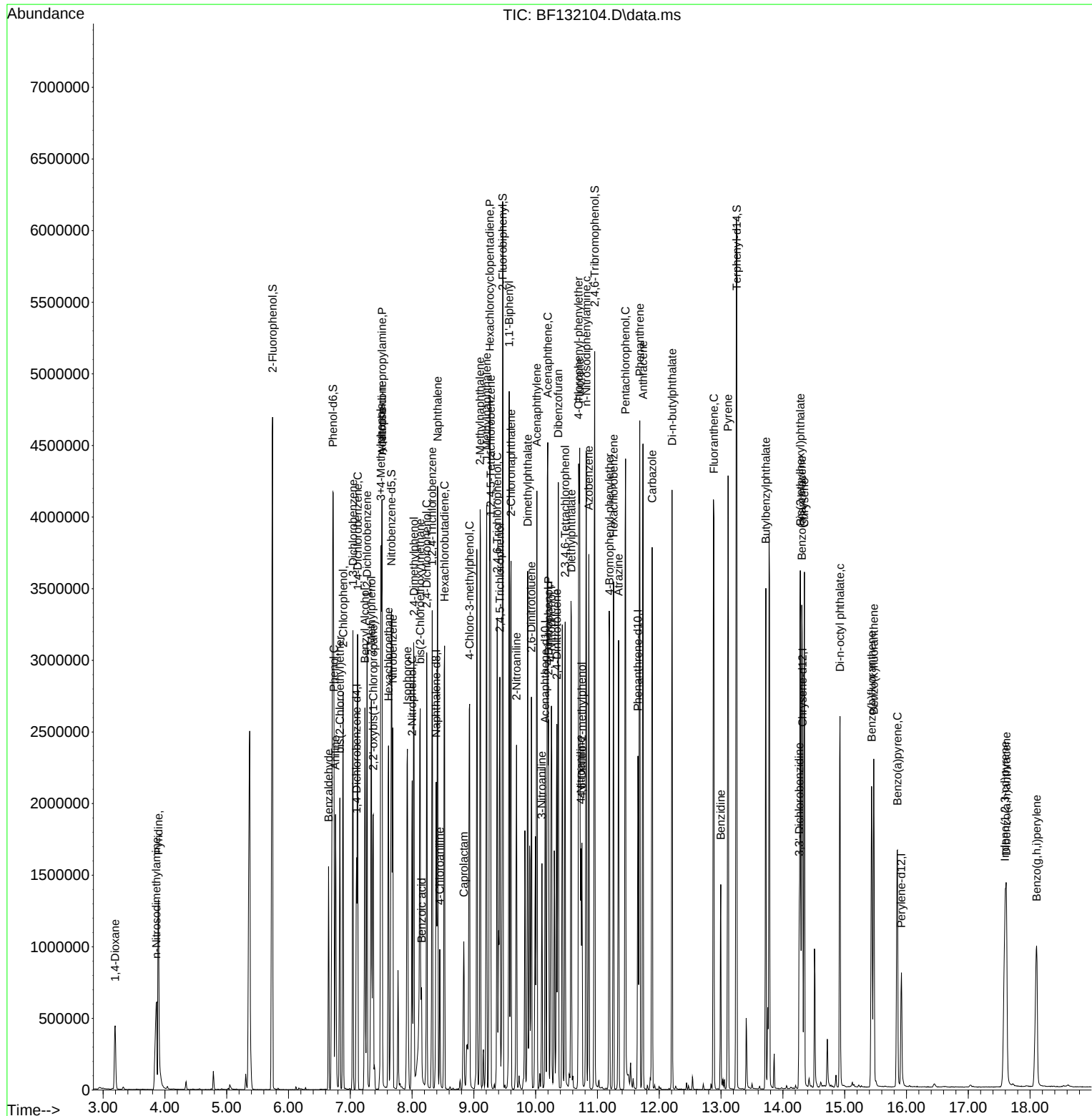
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44) 2,4,5-Trichlorophenol	9.419	196	481807	43.061	ng	97
46) 1,1'-Biphenyl	9.572	154	1386398	40.013	ng	99
47) 2-Chloronaphthalene	9.601	162	1107928	41.184	ng	99
48) 2-Nitroaniline	9.689	65	394780	49.034	ng	99
49) Acenaphthylene	10.019	152	1758569	40.146	ng	99
50) Dimethylphthalate	9.872	163	1373459	41.028	ng	100
51) 2,6-Dinitrotoluene	9.930	165	311047	48.344	ng	88
52) Acenaphthene	10.195	154	1168281	44.656	ng	97
53) 3-Nitroaniline	10.101	138	208431	29.570	ng	98
54) 2,4-Dinitrophenol	10.207	184	313579	92.401	ng	# 77
55) Dibenzofuran	10.366	168	1602257	39.535	ng	100
56) 4-Nitrophenol	10.254	139	486112	91.988	ng	92
57) 2,4-Dinitrotoluene	10.342	165	397650	50.721	ng	95
58) Fluorene	10.713	166	1197266	39.901	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.477	232	405571	46.156	ng	98
60) Diethylphthalate	10.577	149	1377090	41.160	ng	100
61) 4-Chlorophenyl-phenyle...	10.695	204	632003	39.651	ng	97
62) 4-Nitroaniline	10.730	138	303362	46.164	ng	99
63) Azobenzene	10.860	77	1334272	39.669	ng	99
65) 4,6-Dinitro-2-methylph...	10.748	198	202568	46.853	ng	98
66) n-Nitrosodiphenylamine	10.819	169	1107902	40.736	ng	99
67) 4-Bromophenyl-phenylether	11.195	248	422165	41.559	ng	96
68) Hexachlorobenzene	11.260	284	449104	44.432	ng	97
69) Atrazine	11.342	200	404800	45.548	ng	100
70) Pentachlorophenol	11.454	266	549156	79.881	ng	99
71) Phenanthrene	11.683	178	1826326	40.475	ng	100
72) Anthracene	11.736	178	1834572	40.132	ng	99
73) Carbazole	11.883	167	1654512	40.947	ng	100
74) Di-n-butylphthalate	12.207	149	1988809	41.412	ng	99
75) Fluoranthene	12.883	202	1939738	39.901	ng	98
77) Benzidine	12.995	184	523877	42.992	ng	99
78) Pyrene	13.113	202	1956537	44.793	ng	99
80) Butylbenzylphthalate	13.724	149	749239	52.079	ng	94
81) Benzo(a)anthracene	14.307	228	1403250	42.975	ng	99
82) 3,3'-Dichlorobenzidine	14.265	252	239357	27.975	ng	98
83) Chrysene	14.348	228	1293735	42.121	ng	100
84) Bis(2-ethylhexyl)phtha...	14.283	149	974055	49.376	ng	99
85) Di-n-octyl phthalate	14.924	149	1367245	49.198	ng	99
87) Indeno(1,2,3-cd)pyrene	17.595	276	1169847	51.998	ng	98
88) Benzo(b)fluoranthene	15.436	252	1190267	47.435	ng	99
89) Benzo(k)fluoranthene	15.471	252	1115605	44.012	ng	99
90) Benzo(a)pyrene	15.854	252	994043	43.775	ng	99
91) Dibenzo(a,h)anthracene	17.618	278	931221	51.566	ng	99
92) Benzo(g,h,i)perylene	18.106	276	974176	52.055	ng	99

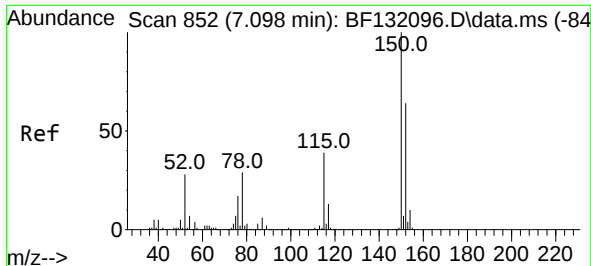
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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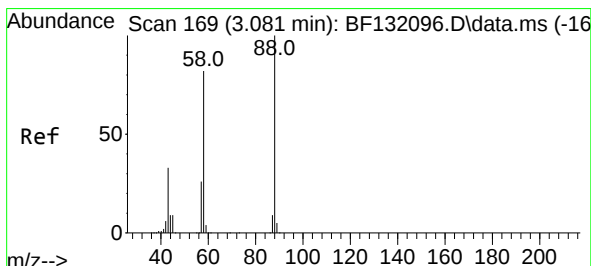
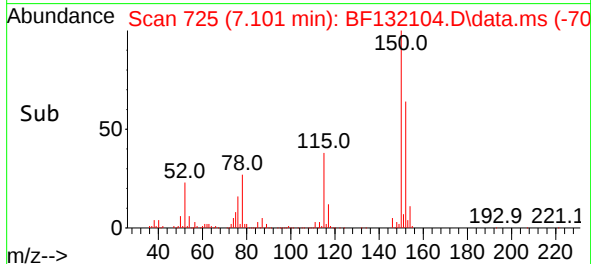
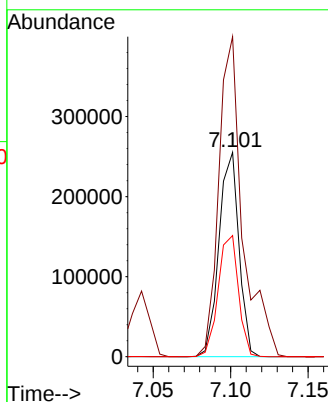
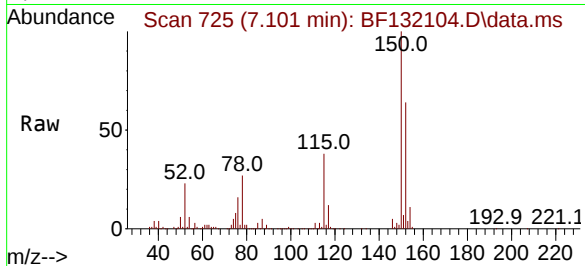




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.101 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

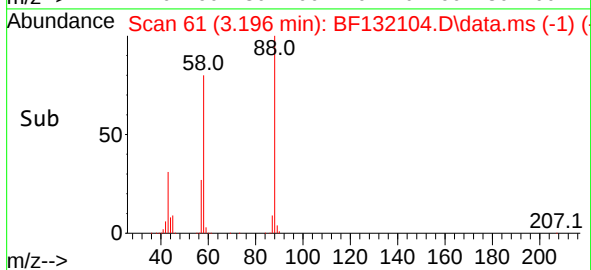
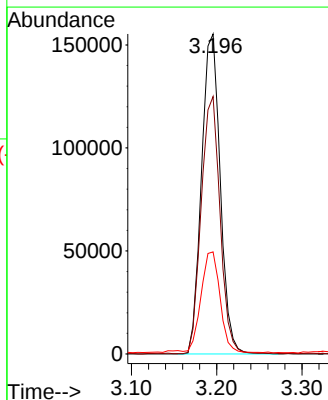
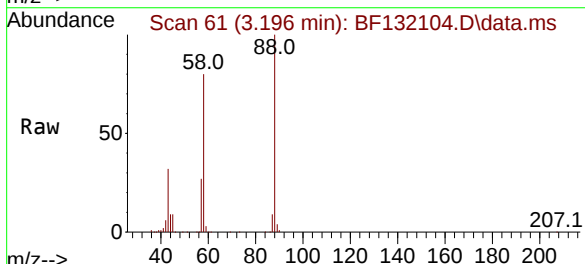
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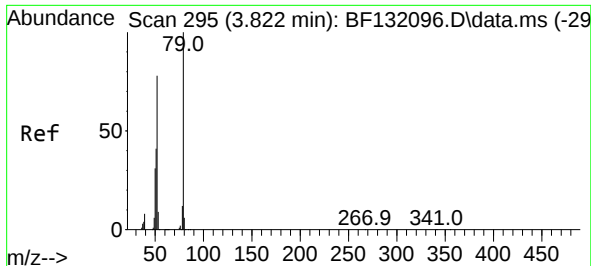
Tgt Ion:152 Resp: 229186
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.7 187.1
 115 59.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 35.285 ng
 RT: 3.196 min Scan# 61
 Delta R.T. 0.115 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

Tgt Ion: 88 Resp: 236739
 Ion Ratio Lower Upper
 88 100
 58 81.0 64.4 96.6
 43 31.9 25.4 38.0

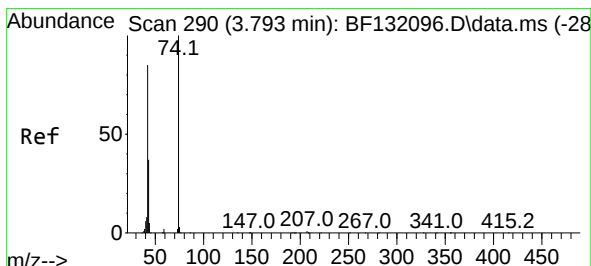
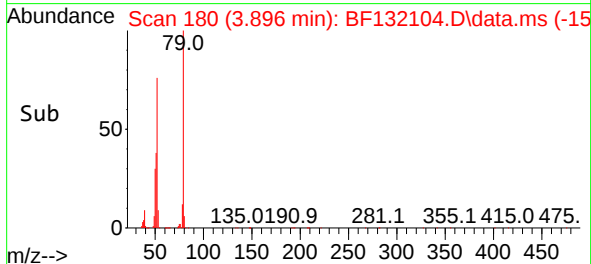
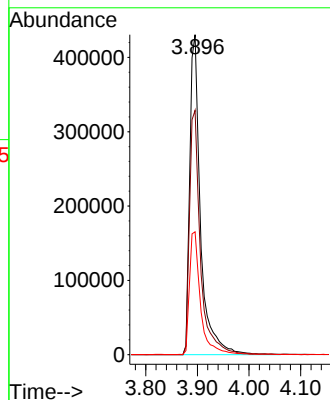
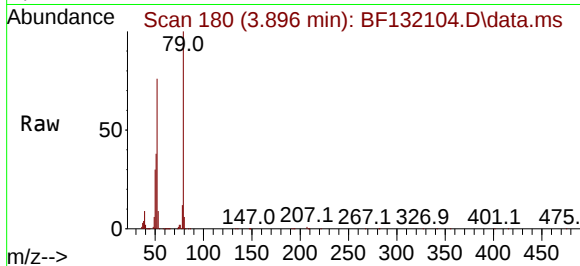




#3
 Pyridine
 Concen: 34.029 ng
 RT: 3.896 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

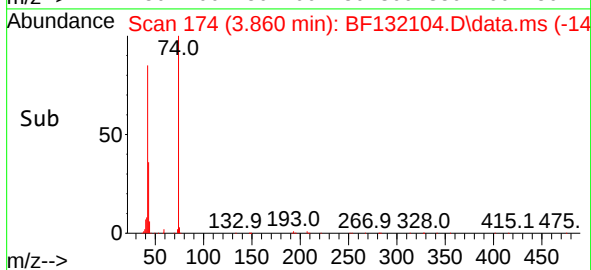
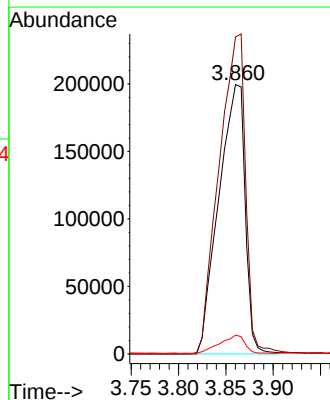
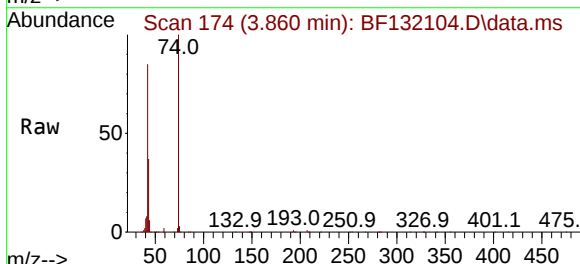
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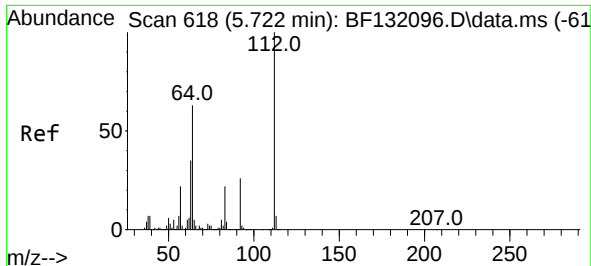
Tgt Ion: 79 Resp: 624229
 Ion Ratio Lower Upper
 79 100
 52 76.4 62.6 94.0
 51 38.4 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 43.084 ng
 RT: 3.860 min Scan# 174
 Delta R.T. 0.067 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

Tgt Ion: 42 Resp: 385901
 Ion Ratio Lower Upper
 42 100
 74 117.6 94.6 142.0
 44 7.0 5.2 7.8

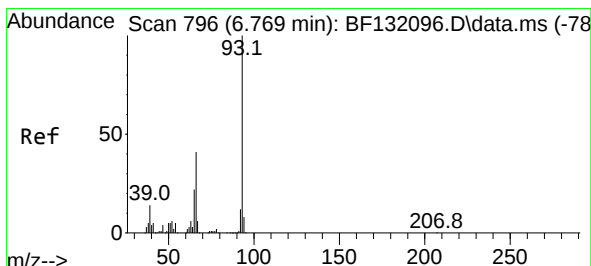
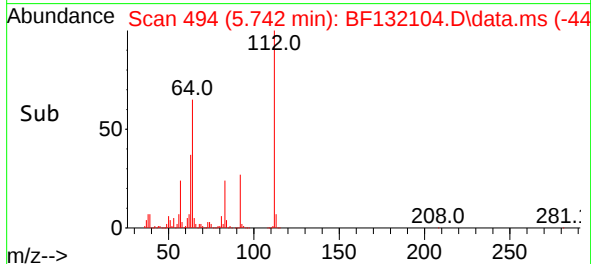
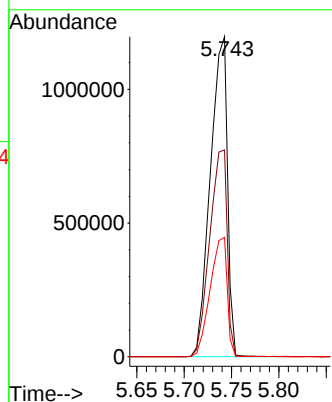
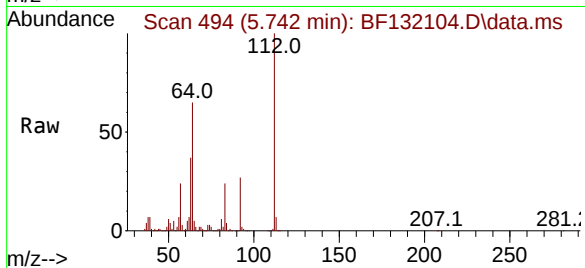




#5
2-Fluorophenol
Concen: 117.363 ng
RT: 5.742 min Scan# 494
Delta R.T. 0.020 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

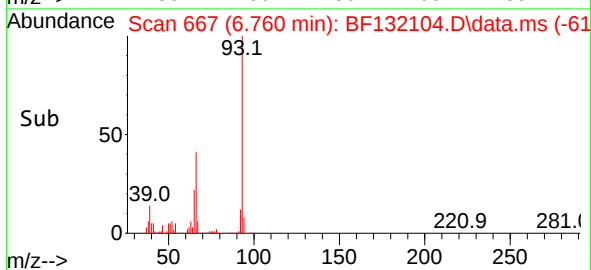
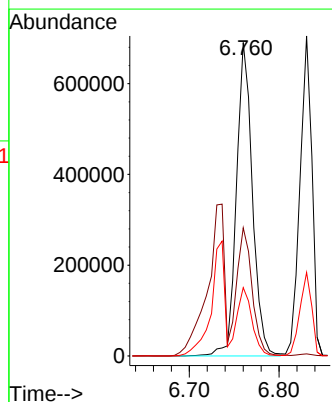
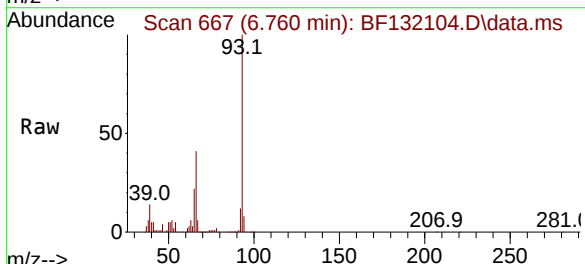
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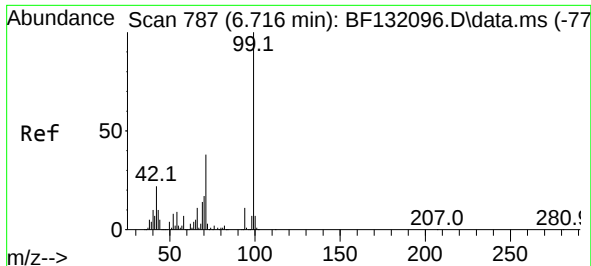
Tgt Ion:112 Resp: 1503223
Ion Ratio Lower Upper
112 100
64 64.6 50.5 75.7
63 37.3 28.0 42.0



#6
Aniline
Concen: 35.859 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.009 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion: 93 Resp: 853483
Ion Ratio Lower Upper
93 100
66 40.9 32.7 49.1
65 21.8 17.4 26.0

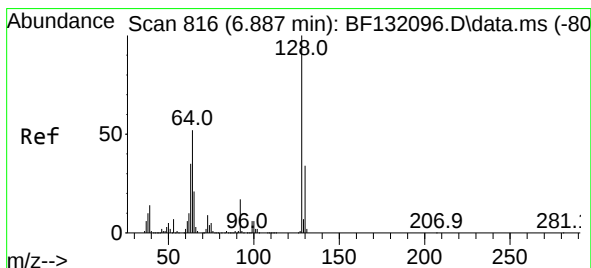
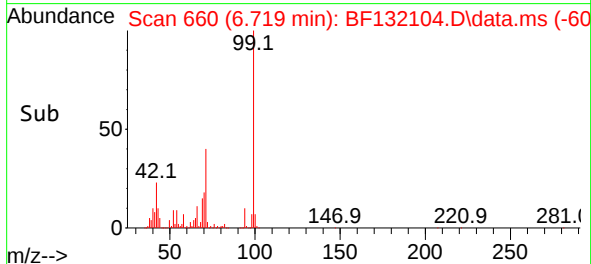
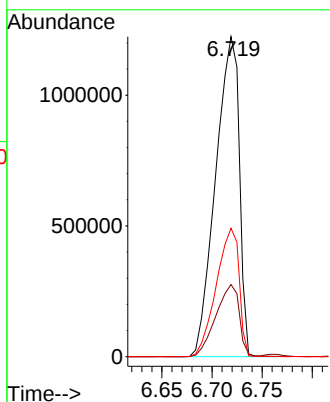
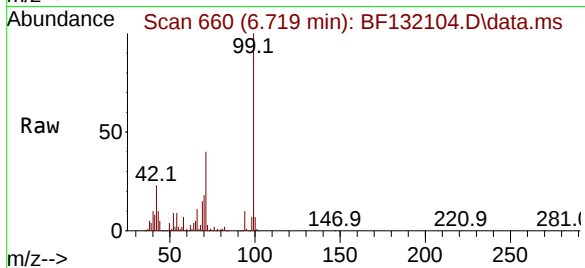




#7
Phenol-d6
Concen: 121.508 ng
RT: 6.719 min Scan# 60
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

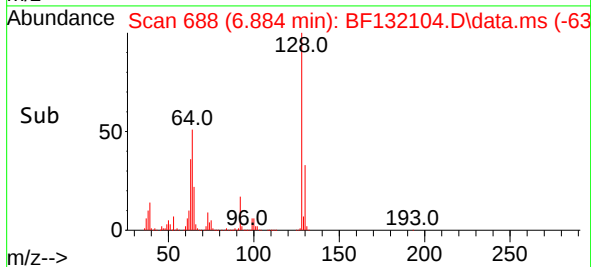
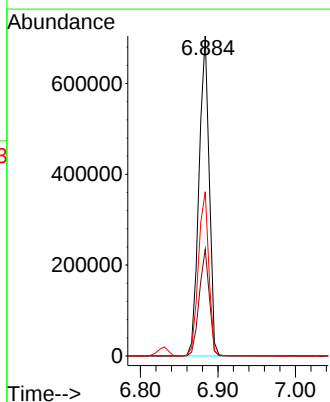
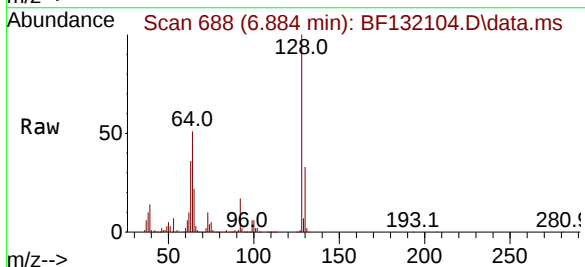
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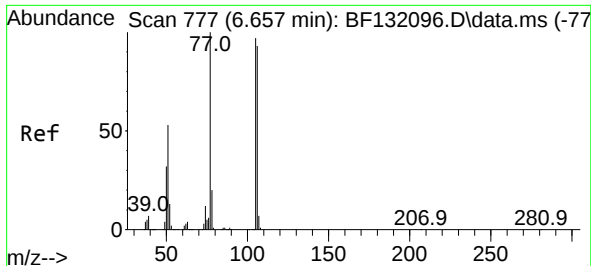
Tgt Ion: 99 Resp: 2007485
Ion Ratio Lower Upper
99 100
42 22.6 17.2 25.8
71 40.2 30.4 45.6



#8
2-Chlorophenol
Concen: 48.246 ng
RT: 6.884 min Scan# 688
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion: 128 Resp: 647163
Ion Ratio Lower Upper
128 100
130 33.4 13.5 53.5
64 51.3 32.1 72.1

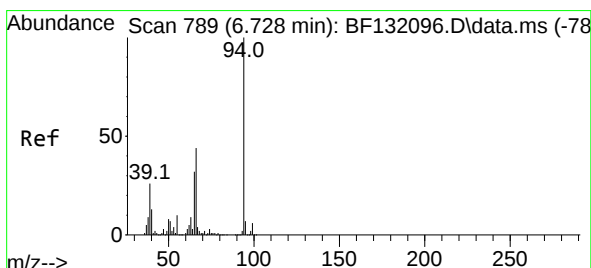
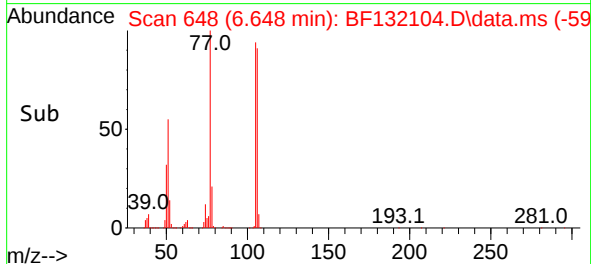
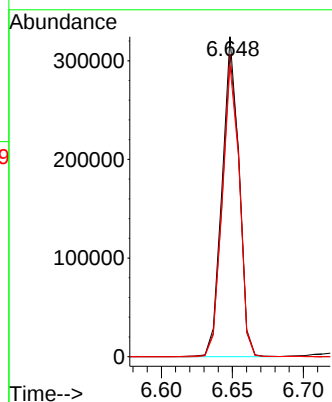
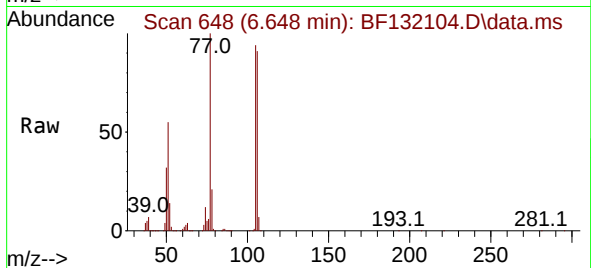




#9
Benzaldehyde
Concen: 22.314 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.009 min
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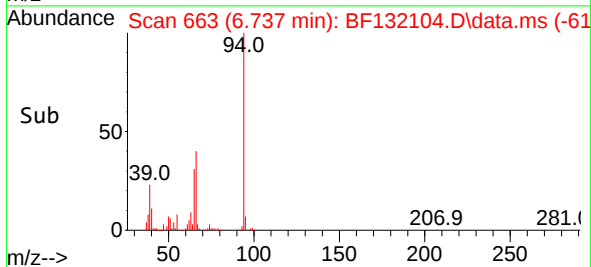
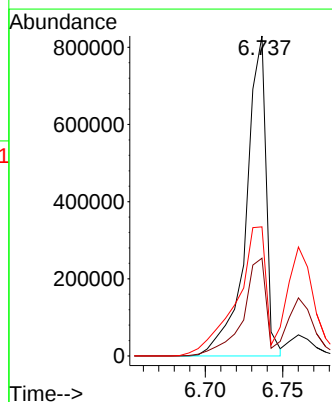
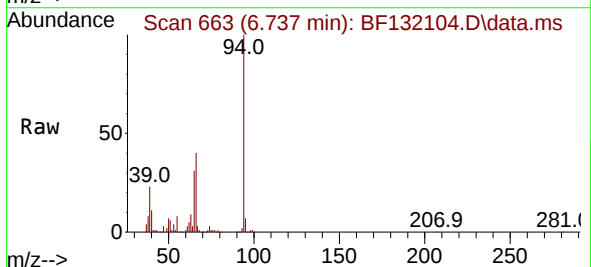
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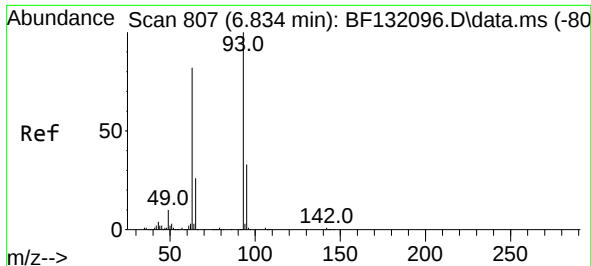
Tgt Ion: 77 Resp: 266213
Ion Ratio Lower Upper
77 100
105 94.5 77.4 117.4
106 91.1 73.0 113.0



#10
Phenol
Concen: 43.441 ng
RT: 6.737 min Scan# 663
Delta R.T. 0.009 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion: 94 Resp: 743938
Ion Ratio Lower Upper
94 100
65 30.5 12.3 52.3
66 40.4 23.6 63.6





#11

bis(2-Chloroethyl)ether

Concen: 44.154 ng

RT: 6.831 min Scan# 61

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

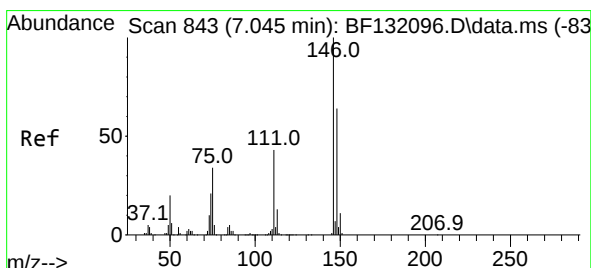
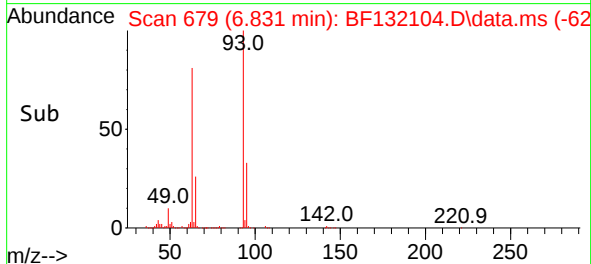
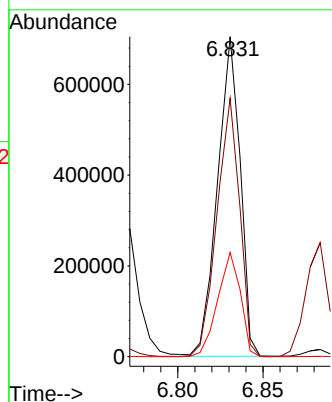
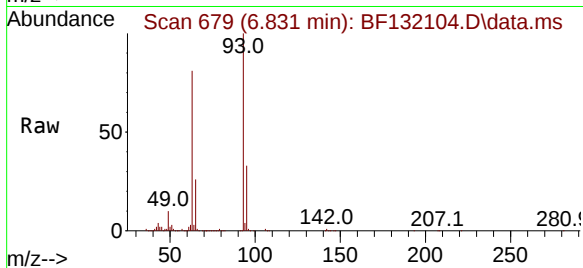
Tgt Ion: 93 Resp: 652232

Ion Ratio Lower Upper

93 100

63 80.8 61.4 101.4

95 32.6 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 44.118 ng

RT: 7.042 min Scan# 715

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

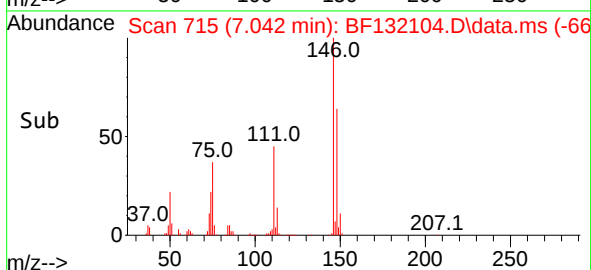
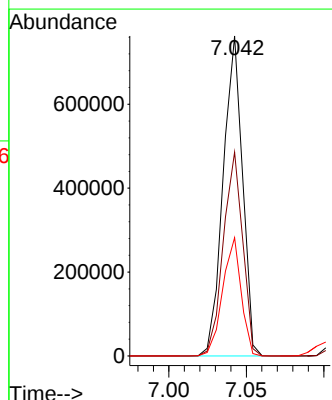
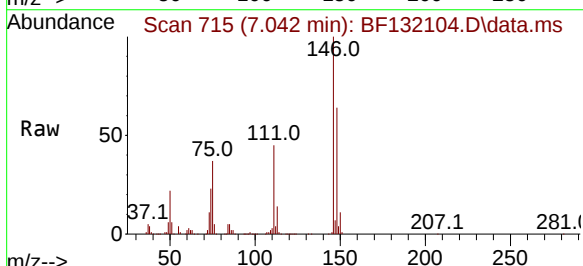
Tgt Ion: 146 Resp: 661943

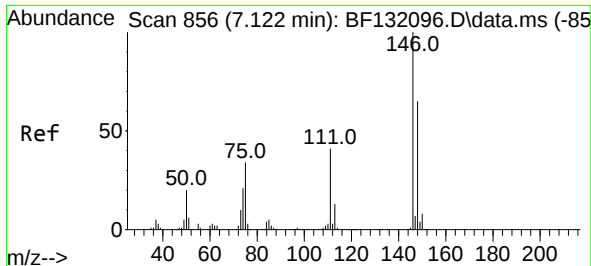
Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

75 36.9 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 44.997 ng

RT: 7.119 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

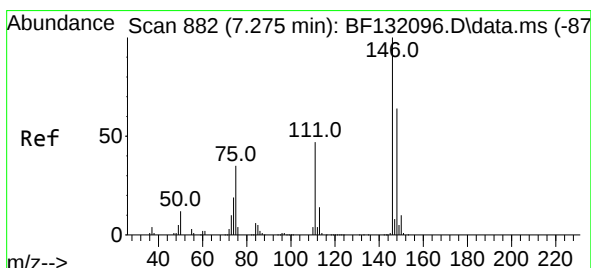
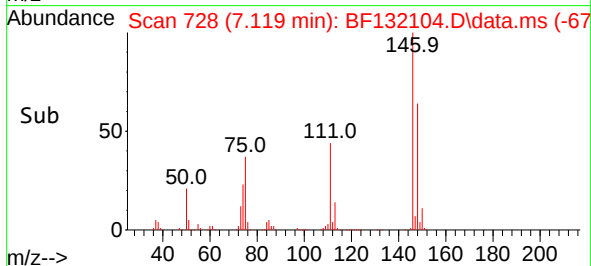
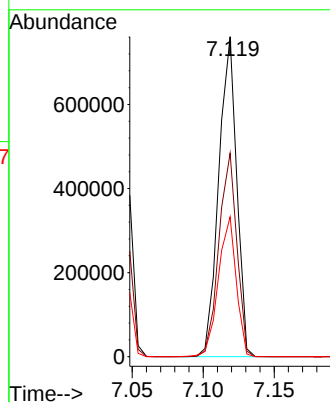
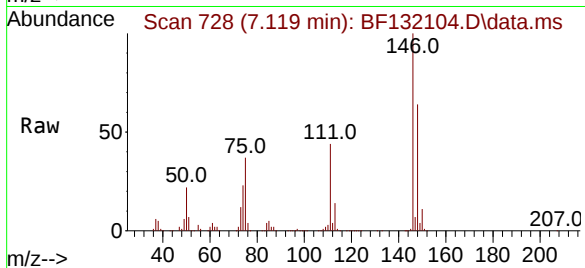
Tgt Ion:146 Resp: 668402

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 43.7 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 44.735 ng

RT: 7.272 min Scan# 754

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

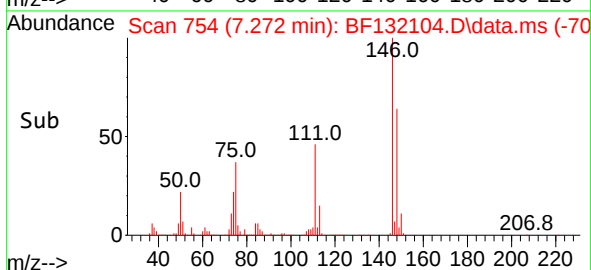
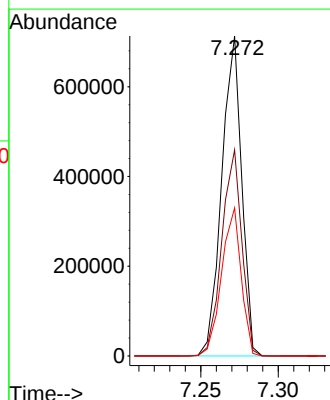
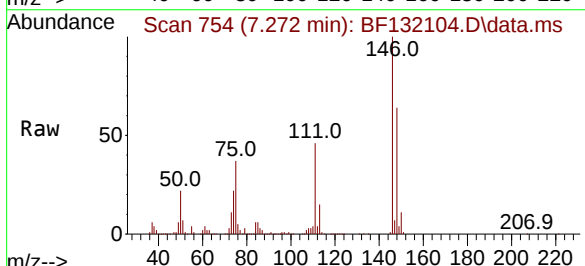
Tgt Ion:146 Resp: 638919

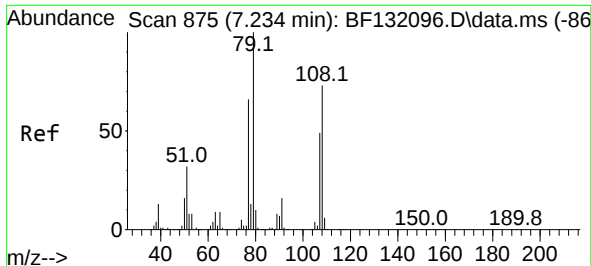
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 46.3 37.6 56.4

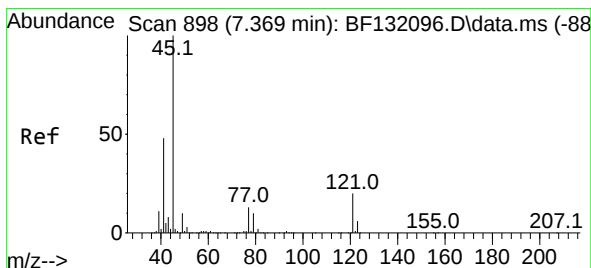
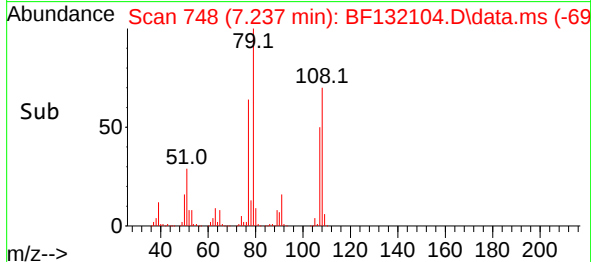
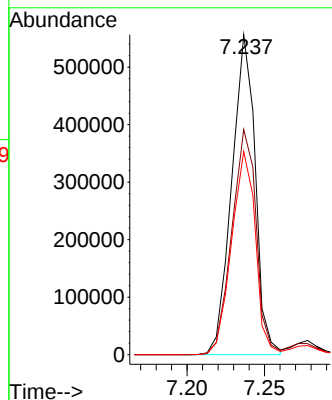
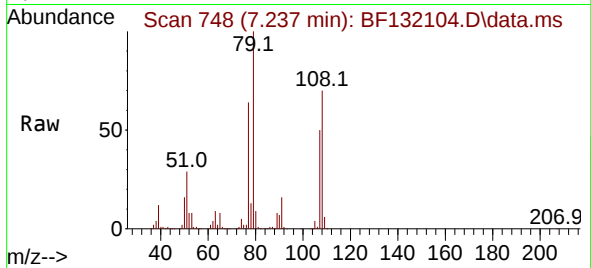




#15
Benzyl Alcohol
Concen: 44.547 ng
RT: 7.237 min Scan# 741
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

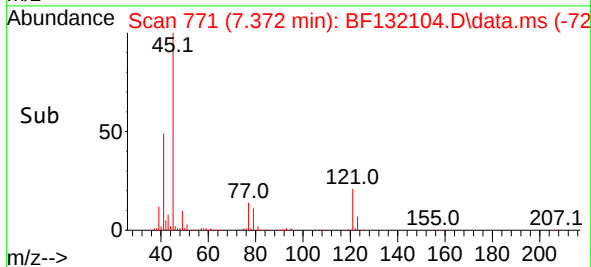
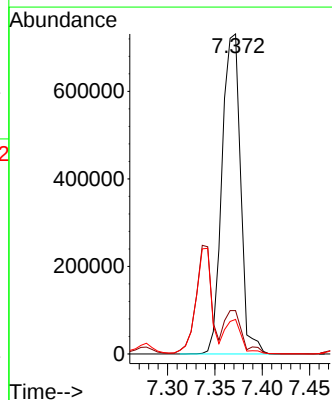
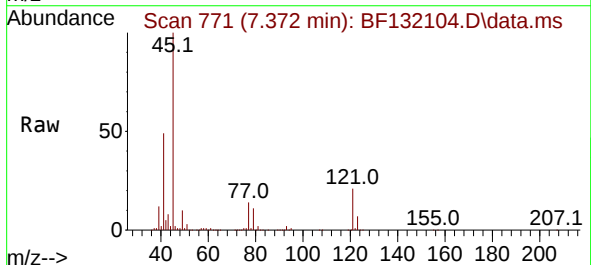
Instrument :
BNA_F
ClientSampleId :
PB150083BS

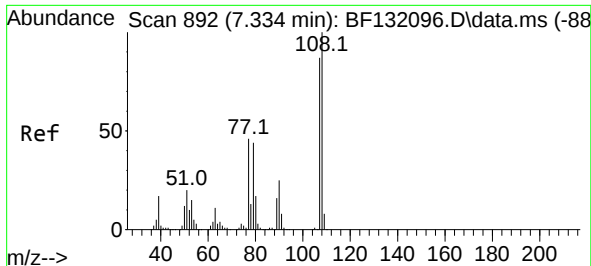
Tgt Ion: 79 Resp: 584612
Ion Ratio Lower Upper
79 100
108 70.3 58.3 87.5
77 63.5 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.164 ng
RT: 7.372 min Scan# 771
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion: 45 Resp: 996280
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.6
79 10.8 0.0 30.1



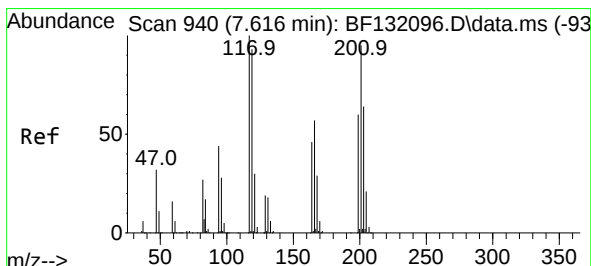
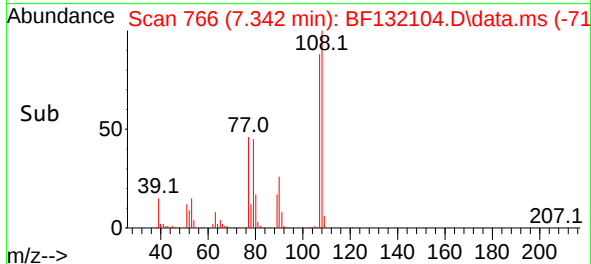
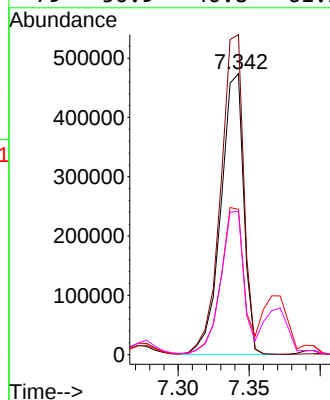
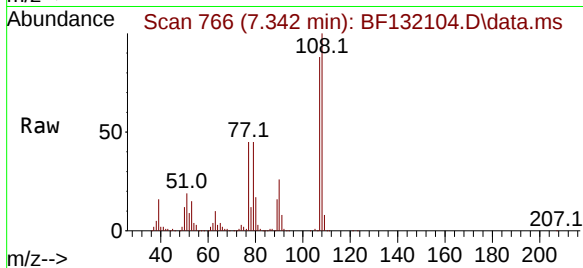


#17
2-Methylphenol
Concen: 43.128 ng
RT: 7.342 min Scan# 70
Delta R.T. 0.008 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:107 Resp: 529790

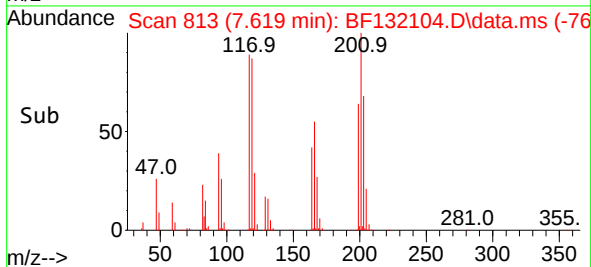
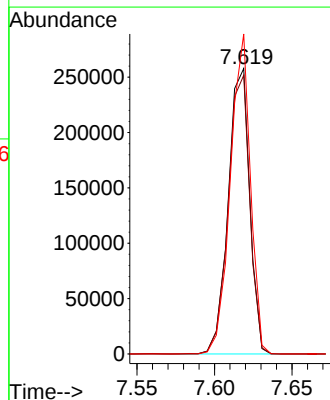
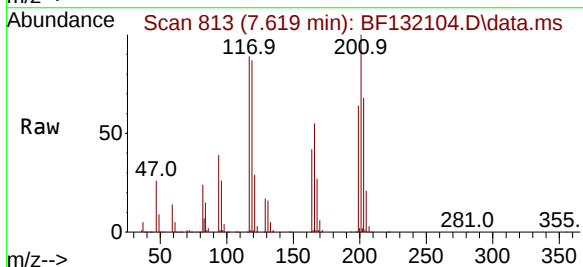
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.0	138.0
77	51.7	42.6	63.8
79	50.9	40.8	61.2

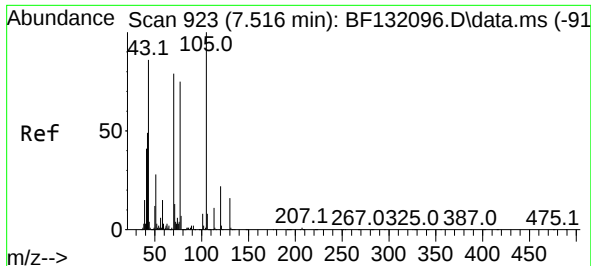


#18
Hexachloroethane
Concen: 46.571 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:117 Resp: 248814

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.3	111.5
201	112.1	76.3	114.5



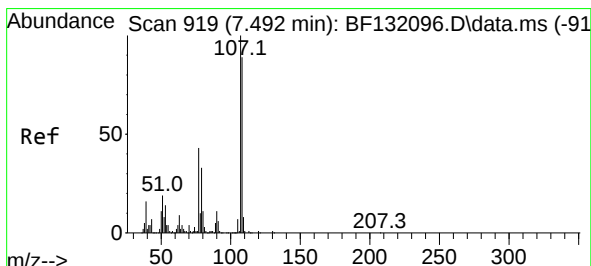
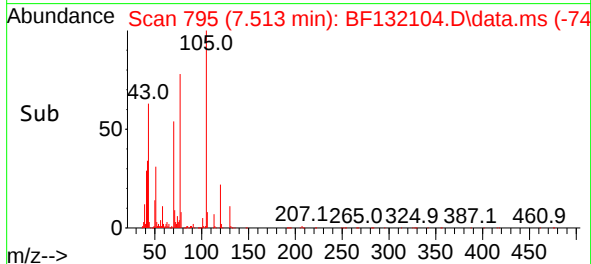
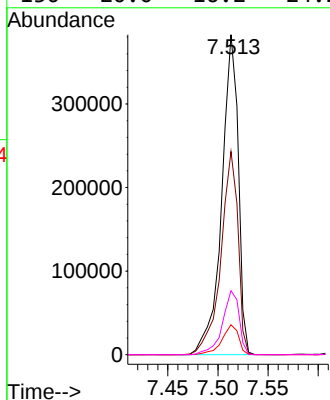
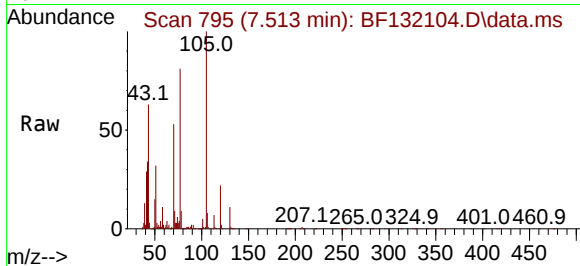


#19
n-Nitroso-di-n-propylamine
Concen: 41.820 ng
RT: 7.513 min Scan# 791
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion: 70 Resp: 440065

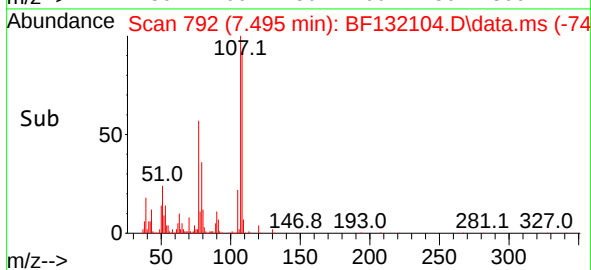
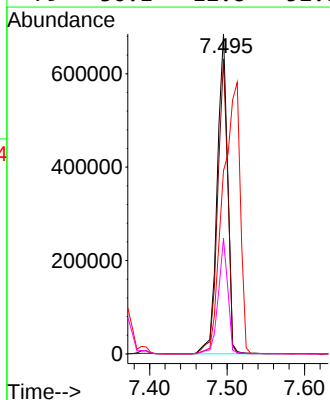
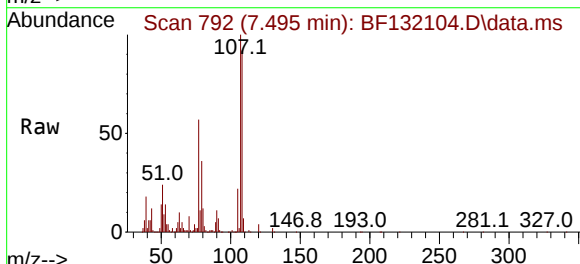
Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.1	75.1
101	9.3	7.8	11.8
130	20.0	16.2	24.2

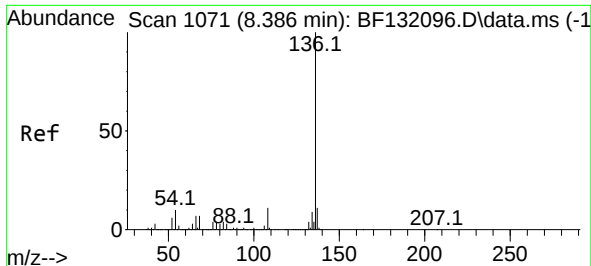


#20
3+4-Methylphenols
Concen: 42.359 ng
RT: 7.495 min Scan# 792
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion: 107 Resp: 638053

Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.1	109.1
77	57.3	23.1	63.1
79	36.1	12.8	52.8

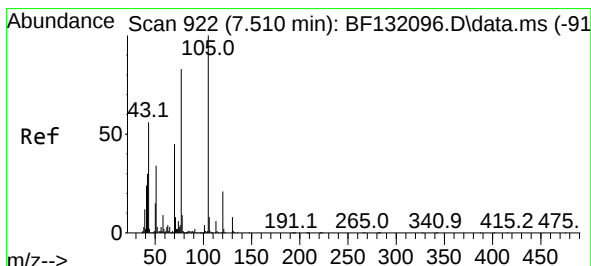
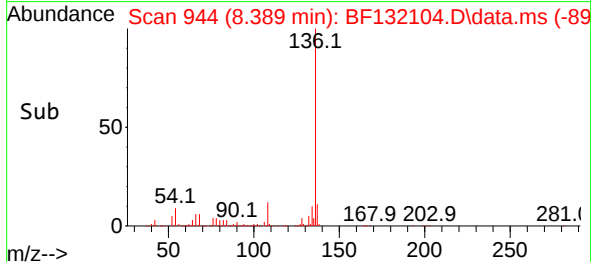
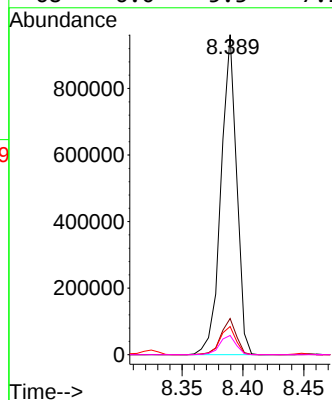
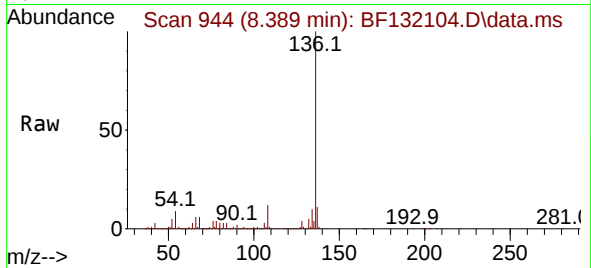




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.389 min Scan# 94
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

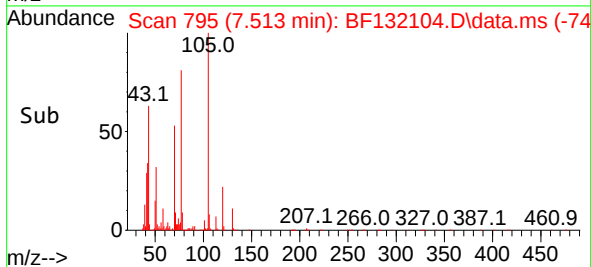
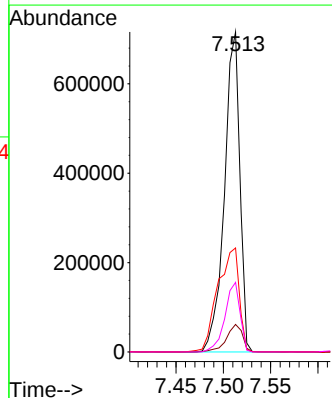
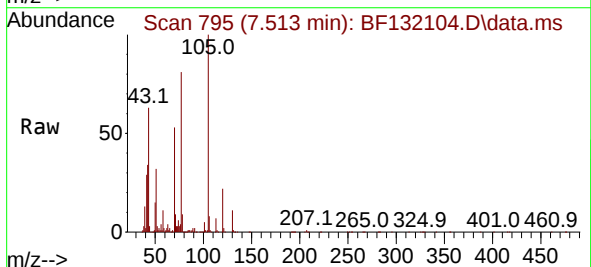
Instrument :
BNA_F
ClientSampleId :
PB150083BS

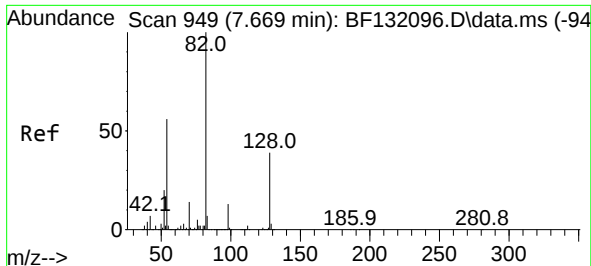
Tgt Ion:136 Resp: 859616
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.8 7.9 11.9
68 6.0 5.3 7.9



#22
Acetophenone
Concen: 40.823 ng
RT: 7.513 min Scan# 795
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:105 Resp: 811775
Ion Ratio Lower Upper
105 100
71 8.6 6.1 9.1
51 32.5 27.4 41.2
120 21.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 88.447 ng

RT: 7.666 min Scan# 81

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

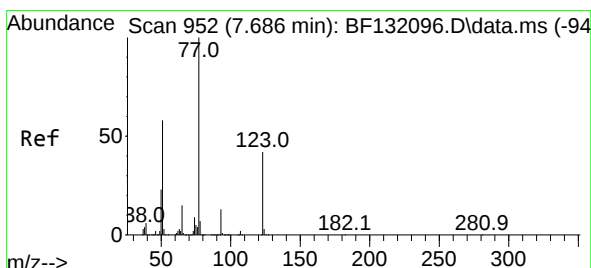
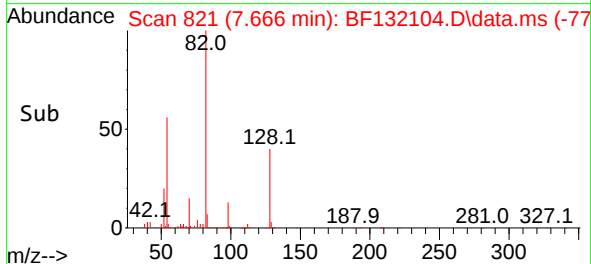
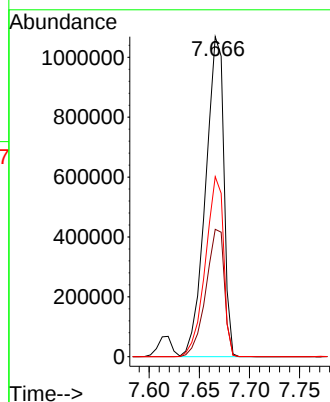
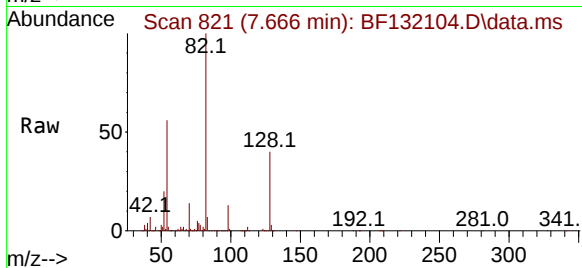
BNA_F

ClientSampleId :

PB150083BS

Tgt Ion: 82 Resp: 1359857

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.2	46.8
54	56.2	45.1	67.7



#24

Nitrobenzene

Concen: 43.453 ng

RT: 7.689 min Scan# 825

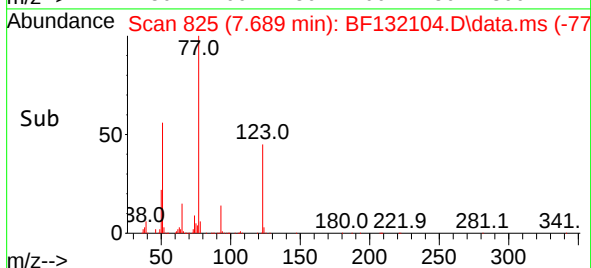
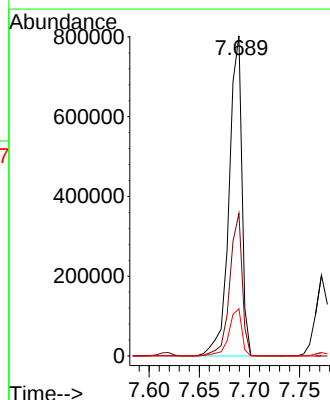
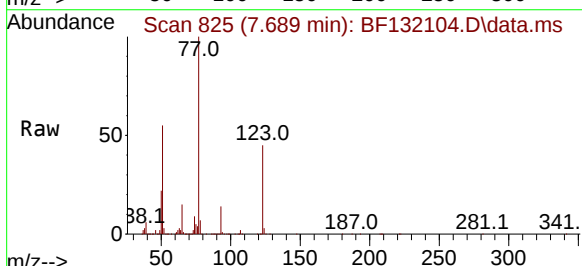
Delta R.T. 0.003 min

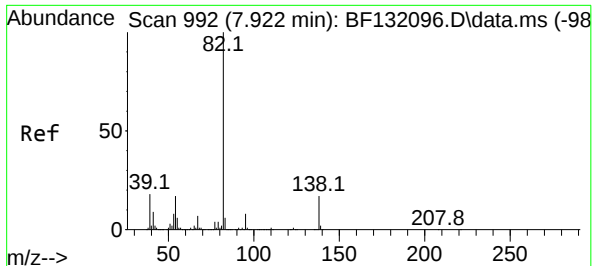
Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Tgt Ion: 77 Resp: 709697

Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.4	50.0
65	14.7	11.6	17.4

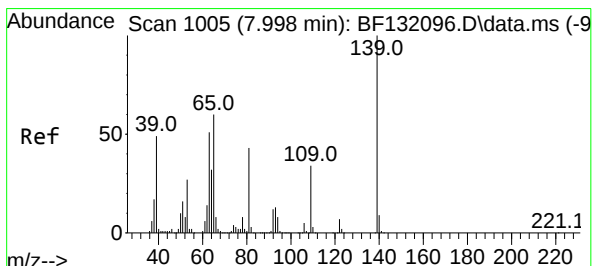
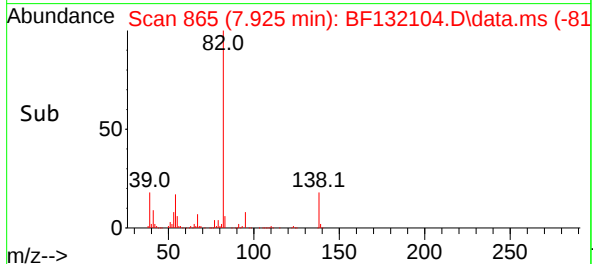
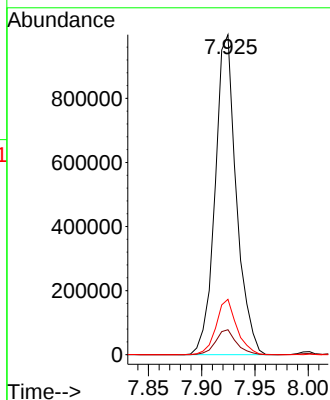
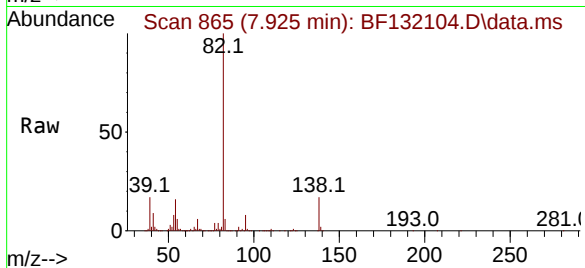




#25
Isophorone
Concen: 42.226 ng
RT: 7.925 min Scan# 80
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

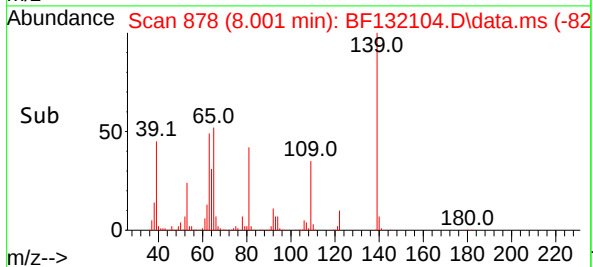
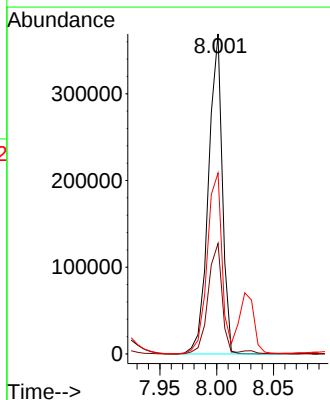
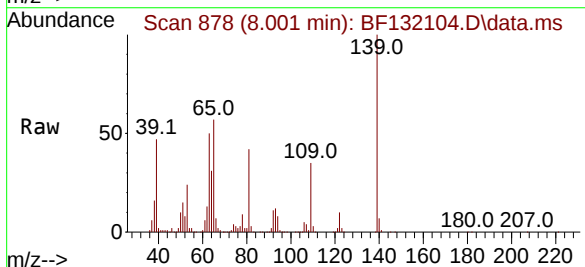
Instrument :
BNA_F
ClientSampleId :
PB150083BS

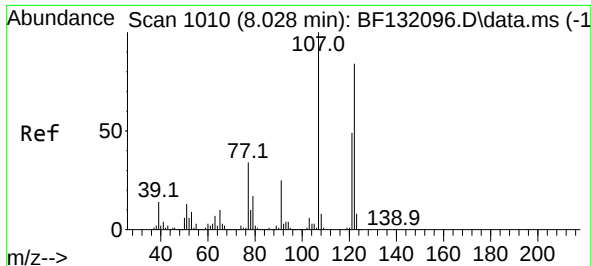
Tgt Ion: 82 Resp: 1382770
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.3 13.4 20.0



#26
2-Nitrophenol
Concen: 48.392 ng
RT: 8.001 min Scan# 878
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:139 Resp: 312076
Ion Ratio Lower Upper
139 100
109 34.5 27.6 41.4
65 56.5 47.9 71.9





#27

2,4-Dimethylphenol

Concen: 44.659 ng

RT: 8.031 min Scan# 81

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

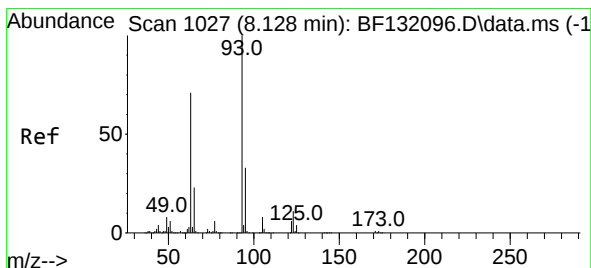
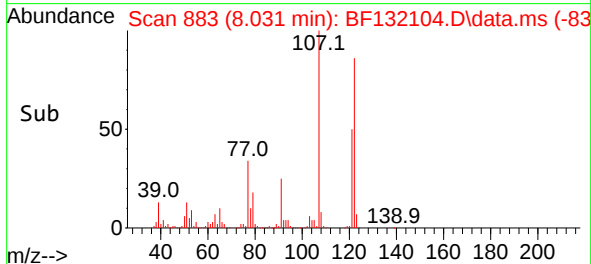
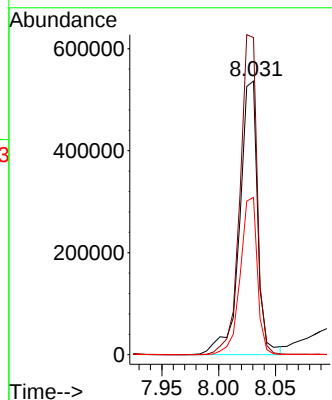
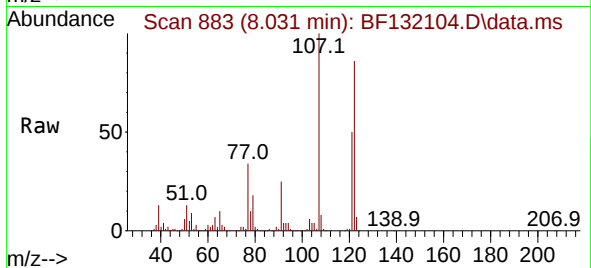
Tgt Ion:122 Resp: 594962

Ion Ratio Lower Upper

122 100

107 115.9 95.6 143.4

121 57.5 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.162 ng

RT: 8.131 min Scan# 900

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

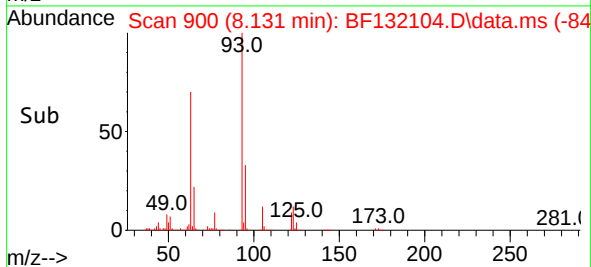
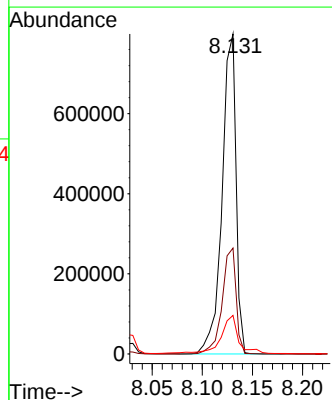
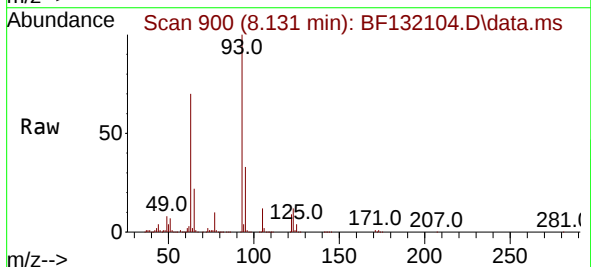
Tgt Ion: 93 Resp: 771022

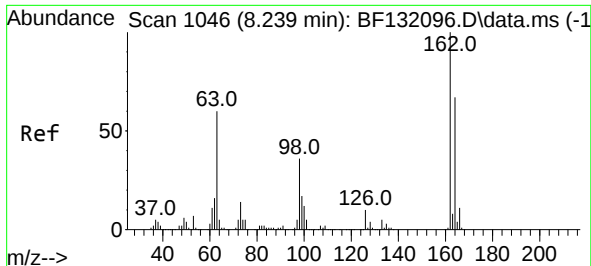
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.344 ng

RT: 8.236 min Scan# 91

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

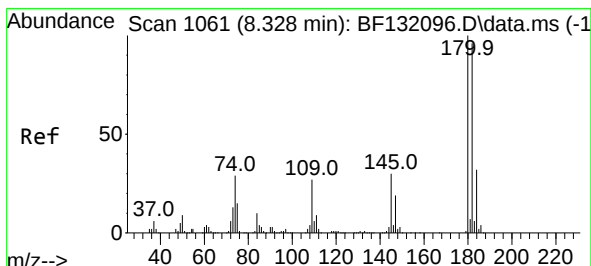
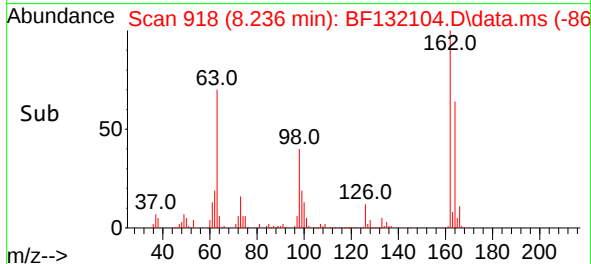
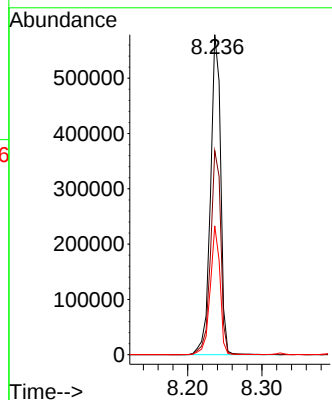
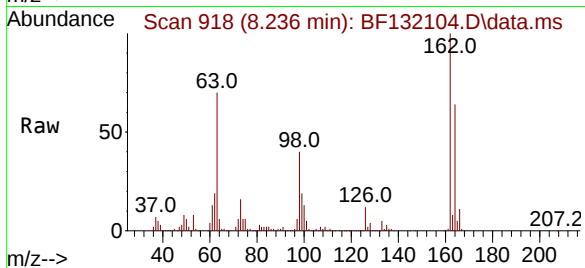
Tgt Ion:162 Resp: 552769

Ion Ratio Lower Upper

162 100

164 63.8 46.6 86.6

98 40.2 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 42.963 ng

RT: 8.325 min Scan# 933

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

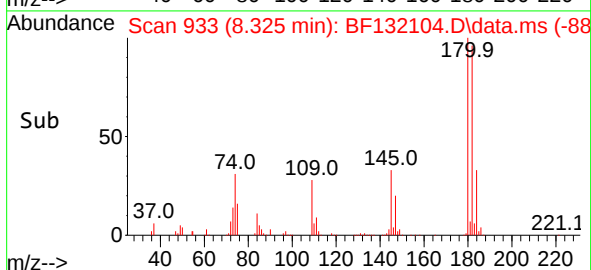
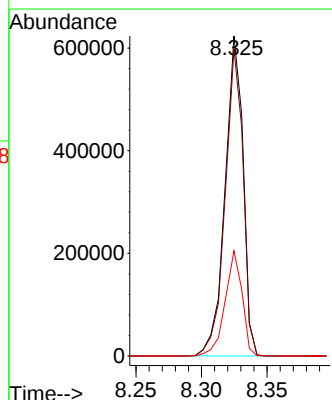
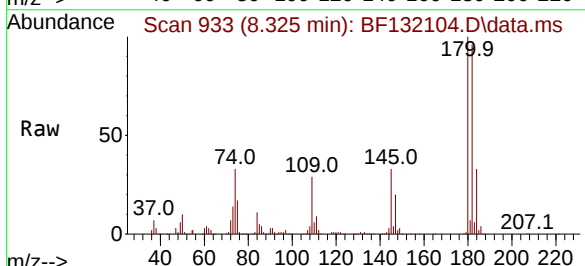
Tgt Ion:180 Resp: 596377

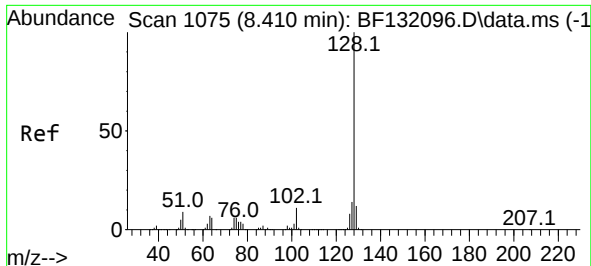
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 32.8 24.0 36.0

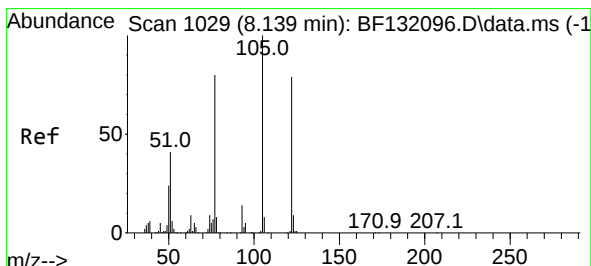
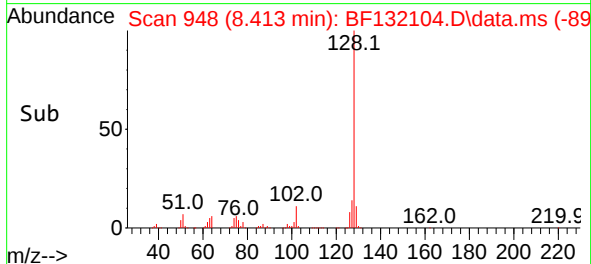
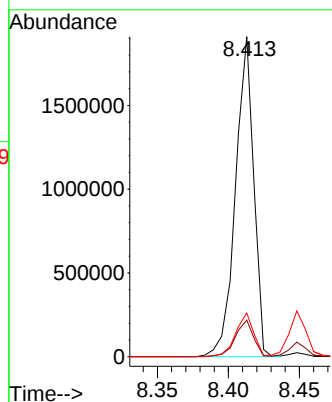
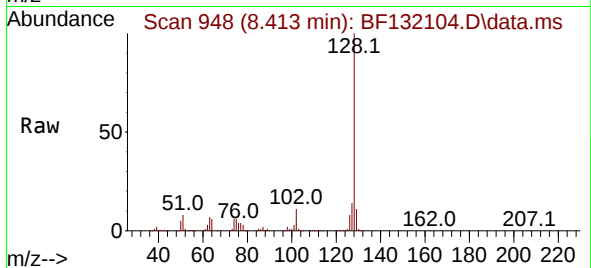




#31
Naphthalene
Concen: 40.252 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

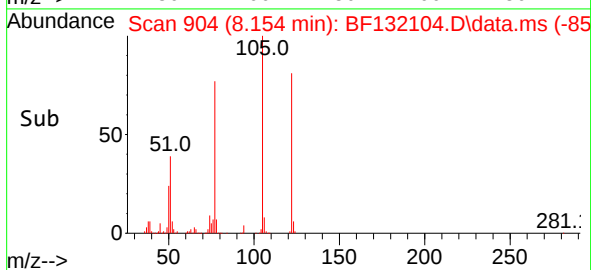
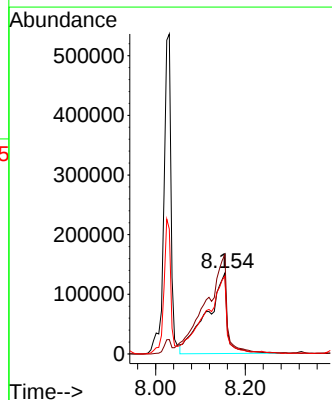
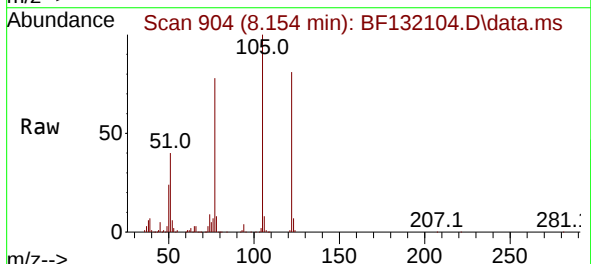
Instrument :
BNA_F
ClientSampleId :
PB150083BS

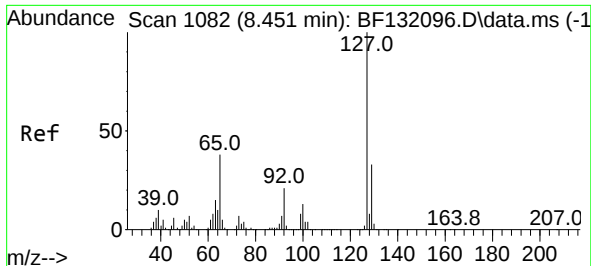
Tgt Ion:128 Resp: 1703150
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 45.883 ng
RT: 8.154 min Scan# 904
Delta R.T. 0.015 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:122 Resp: 431768
Ion Ratio Lower Upper
122 100
105 123.0 105.0 145.0
77 96.3 80.1 120.1



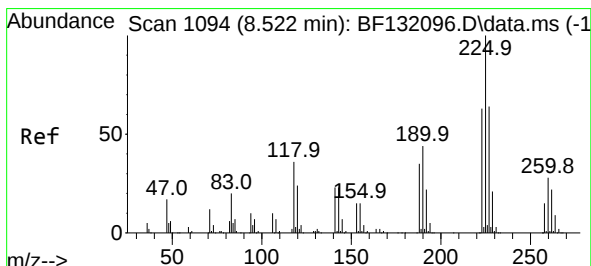
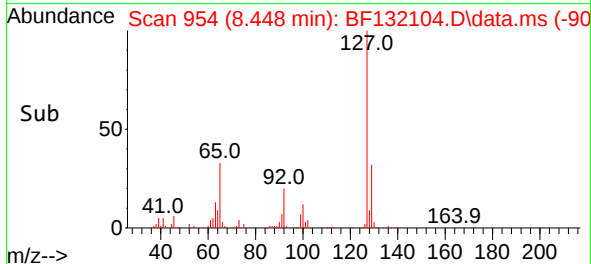
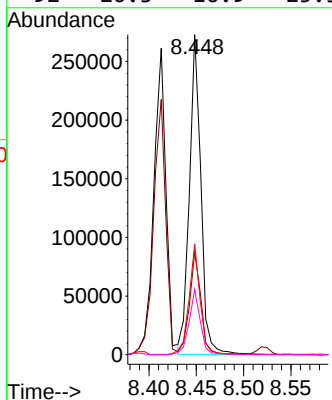
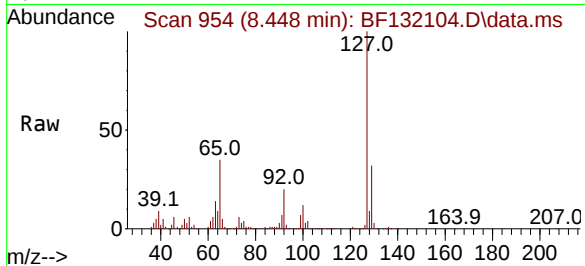


#33
4-Chloroaniline
Concen: 12.488 ng
RT: 8.448 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:127 Resp: 230094

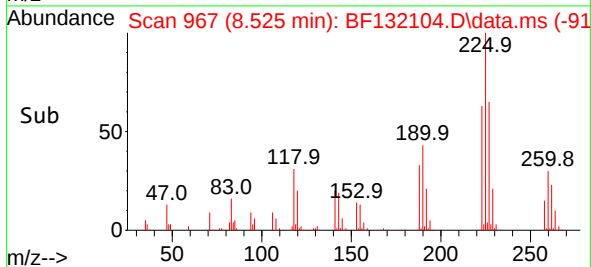
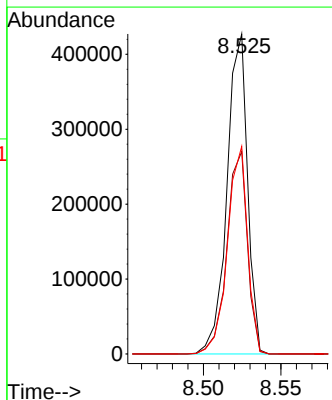
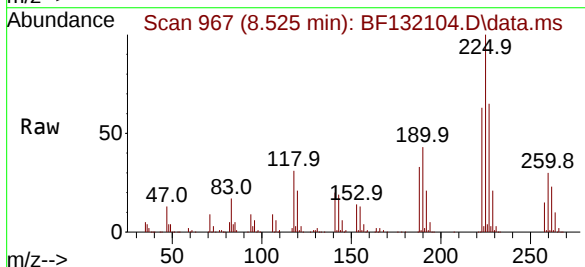
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	34.7	30.3	45.5
92	20.3	16.9	25.3

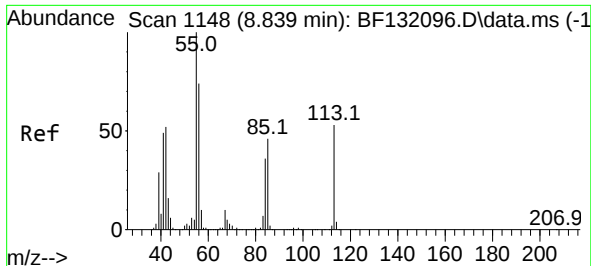


#34
Hexachlorobutadiene
Concen: 43.409 ng
RT: 8.525 min Scan# 967
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:225 Resp: 393335

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	64.9	51.0	76.6

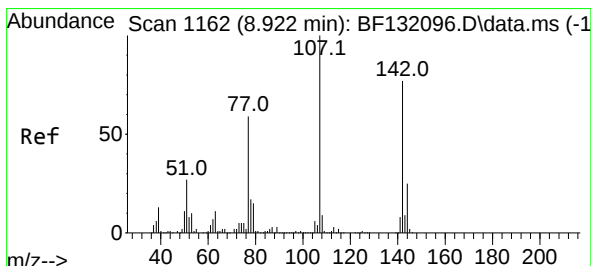
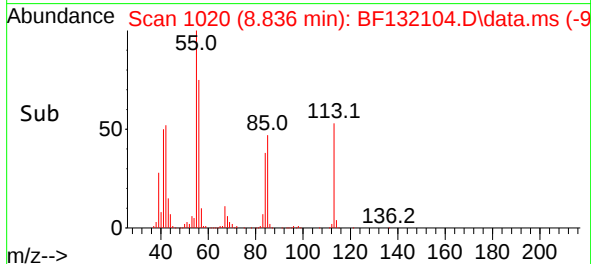
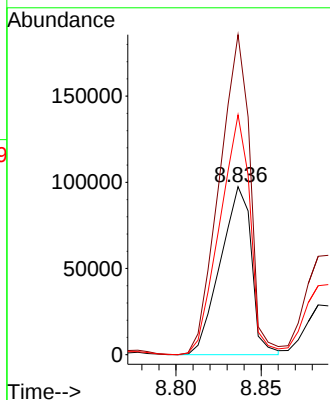
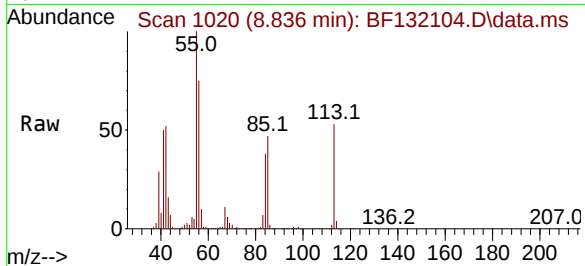




#35
Caprolactam
Concen: 30.526 ng
RT: 8.836 min Scan# 1020
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

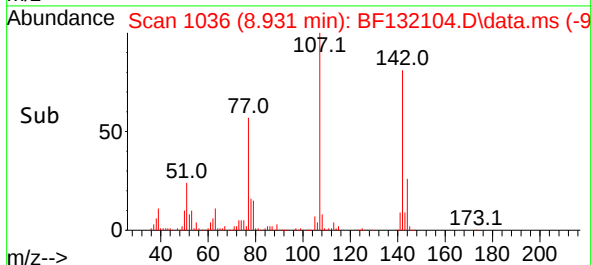
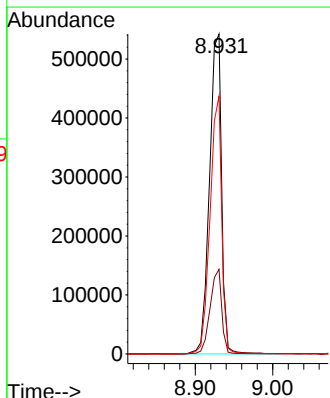
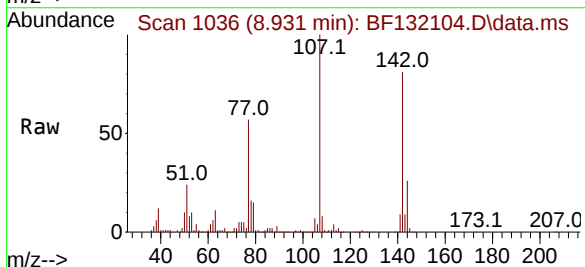
Instrument :
BNA_F
ClientSampleId :
PB150083BS

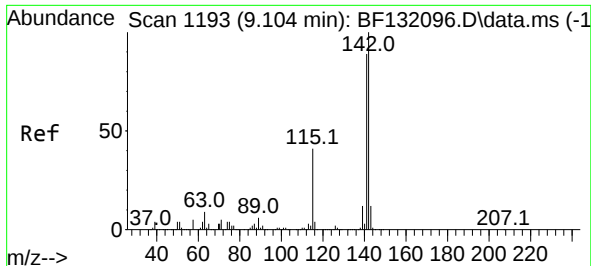
Tgt Ion:113 Resp: 123374
Ion Ratio Lower Upper
113 100
55 190.4 168.0 208.0
56 142.8 119.3 159.3



#36
4-Chloro-3-methylphenol
Concen: 44.865 ng
RT: 8.931 min Scan# 1036
Delta R.T. 0.009 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:107 Resp: 589128
Ion Ratio Lower Upper
107 100
144 26.4 19.9 29.9
142 80.5 61.8 92.6





#37

2-Methylnaphthalene

Concen: 39.086 ng

RT: 9.101 min Scan# 1083

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

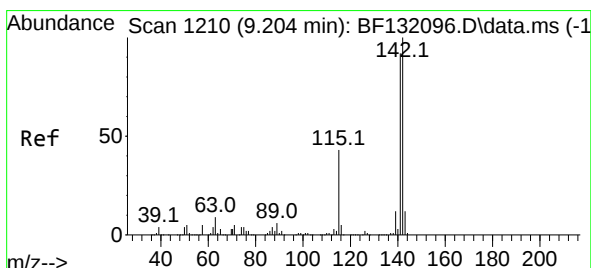
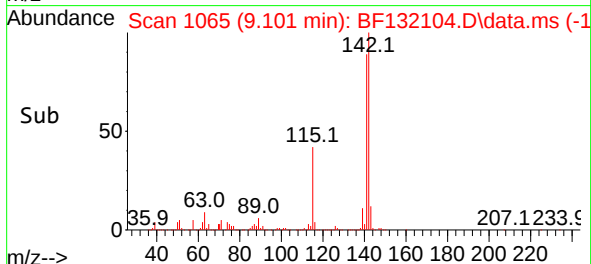
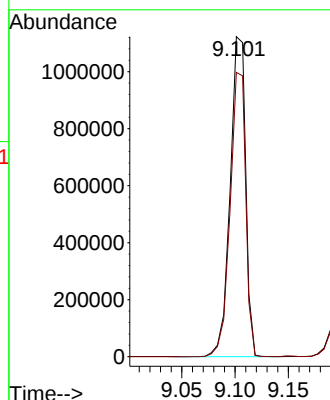
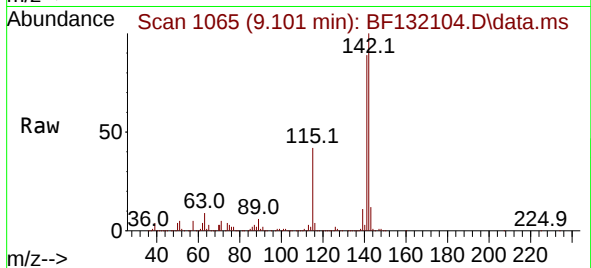
PB150083BS

Tgt Ion:142 Resp: 1137493

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4



#38

1-Methylnaphthalene

Concen: 39.405 ng

RT: 9.207 min Scan# 1083

Delta R.T. 0.003 min

Lab File: BF132104.D

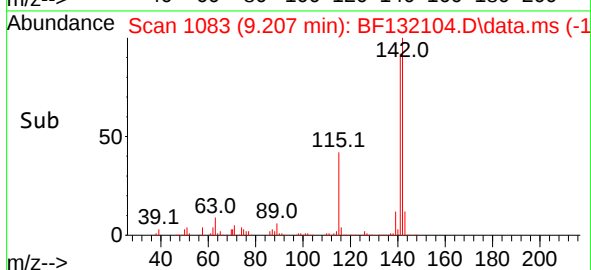
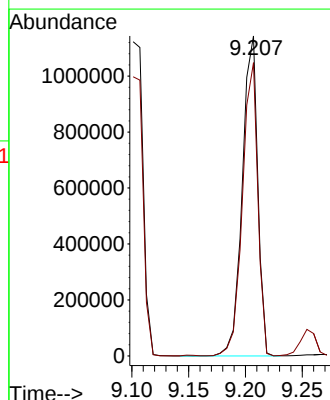
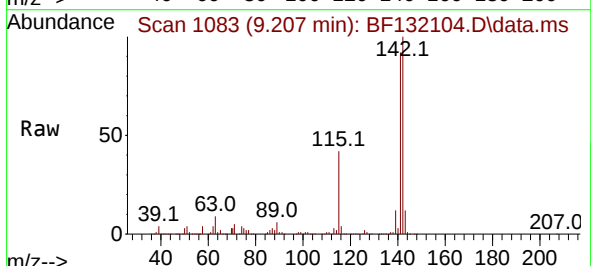
Acq: 17 Jan 2023 20:43

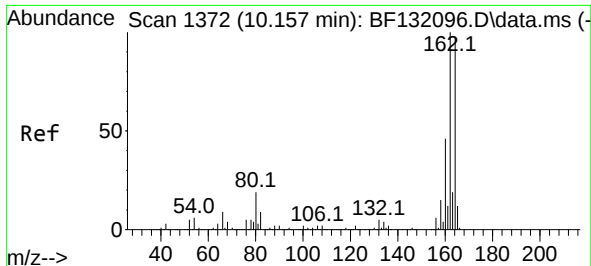
Tgt Ion:142 Resp: 1077112

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.6

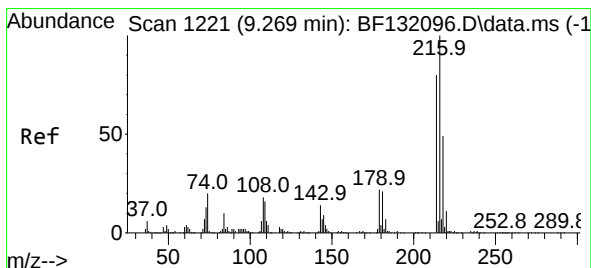
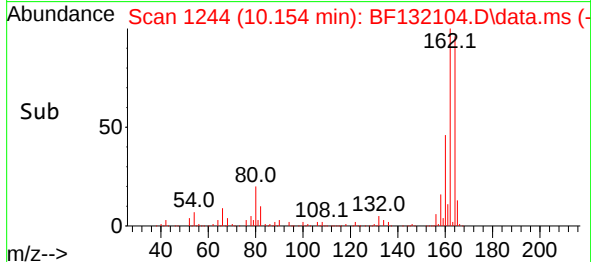
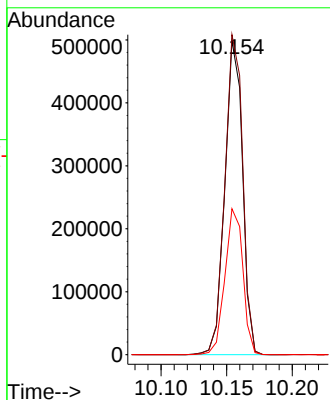
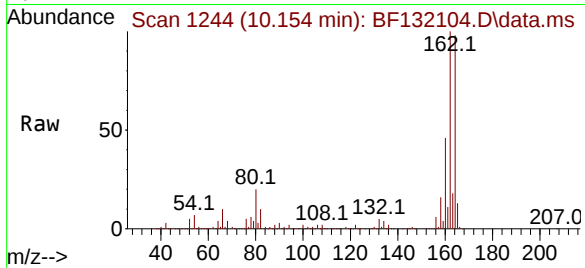




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.154 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

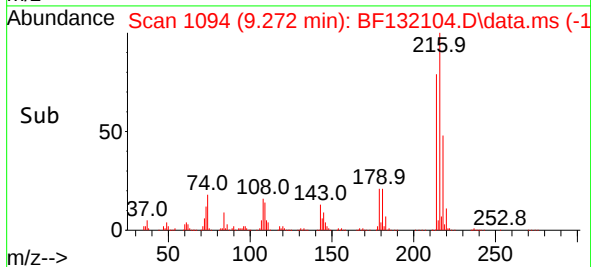
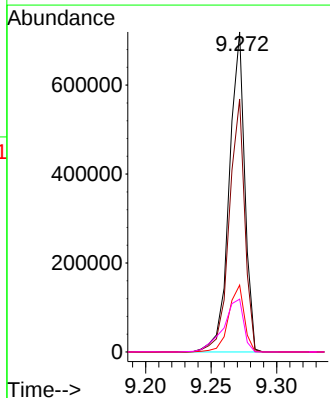
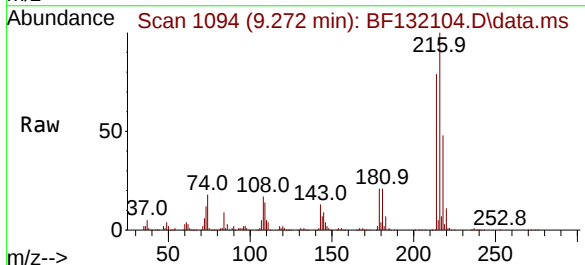
Instrument :
BNA_F
ClientSampleId :
PB150083BS

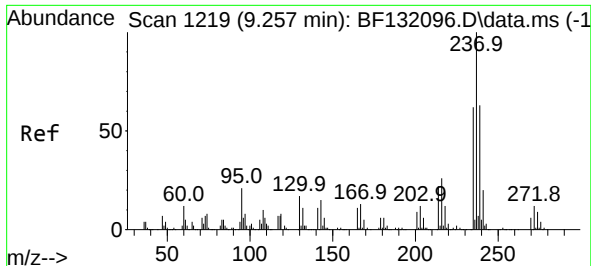
Tgt Ion:164 Resp: 466953
Ion Ratio Lower Upper
164 100
162 101.9 82.5 123.7
160 46.5 38.2 57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.069 ng
RT: 9.272 min Scan# 1094
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:216 Resp: 592303
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 21.1 17.0 25.4
108 21.7 15.7 23.5

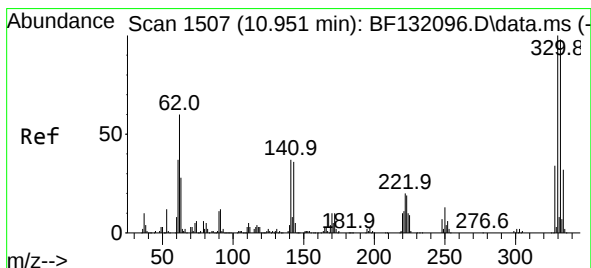
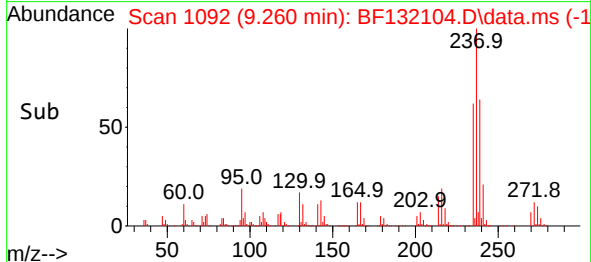
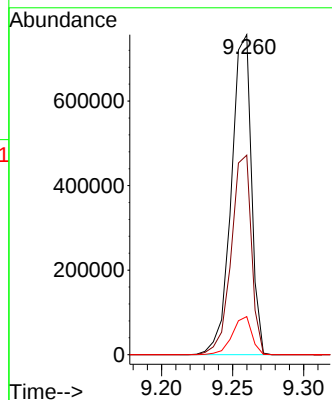
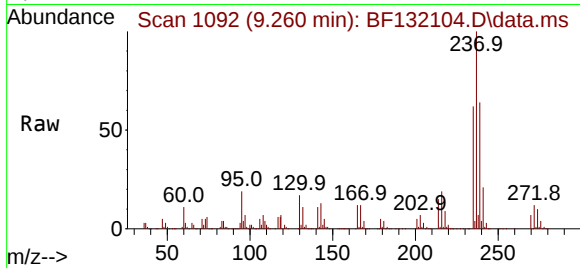




#41
Hexachlorocyclopentadiene
Concen: 101.531 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

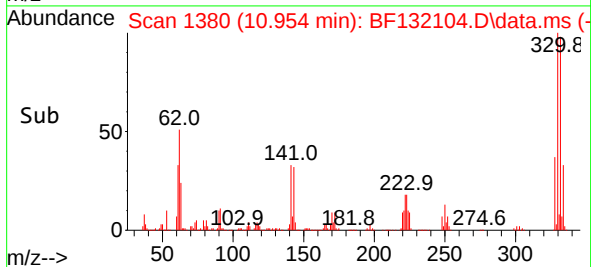
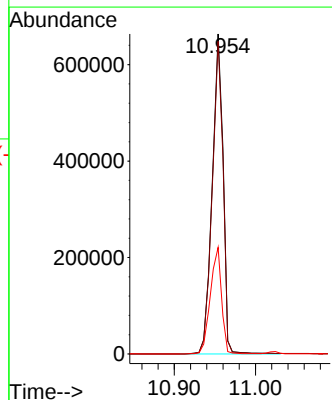
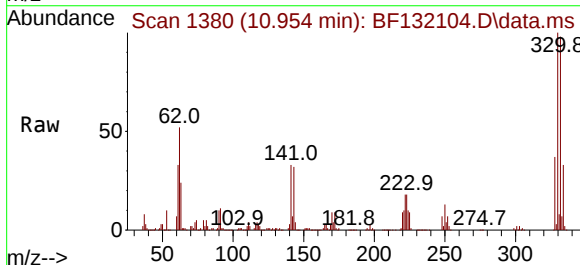
Instrument :
BNA_F
ClientSampleId :
PB150083BS

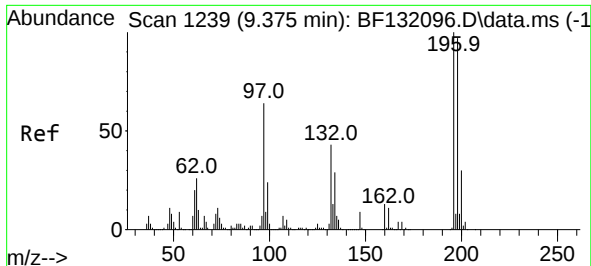
Tgt Ion:237 Resp: 743106
Ion Ratio Lower Upper
237 100
235 62.3 41.6 81.6
272 11.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 130.475 ng
RT: 10.954 min Scan# 1380
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:330 Resp: 616711
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 34.4 29.4 44.0

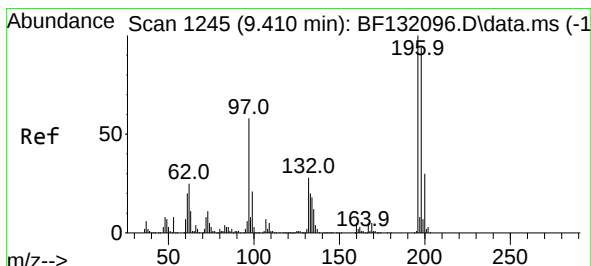
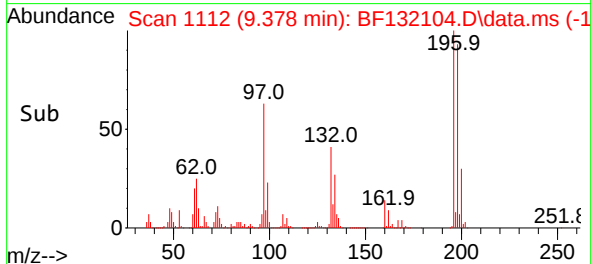
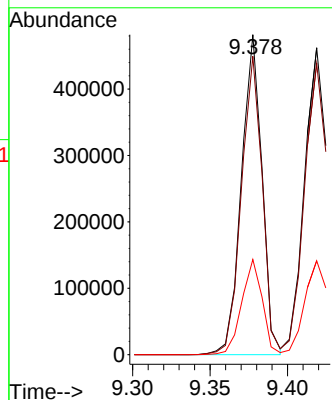
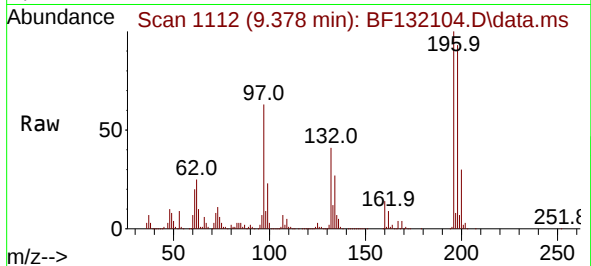




#43
2,4,6-Trichlorophenol
Concen: 45.932 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

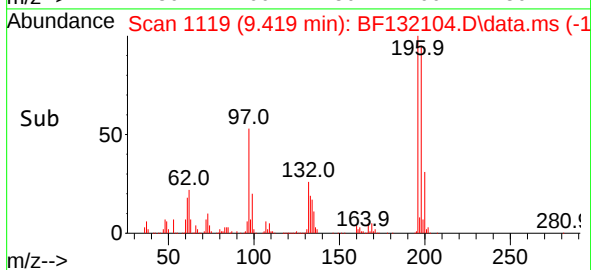
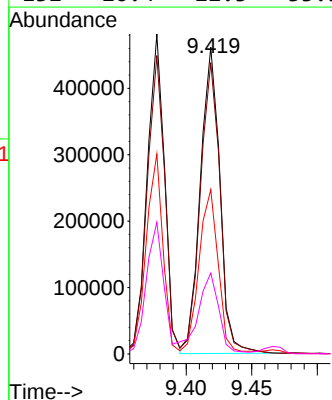
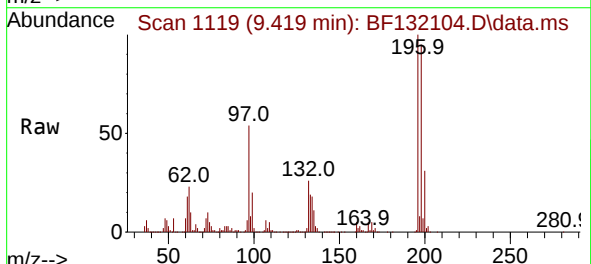
Instrument :
BNA_F
ClientSampleId :
PB150083BS

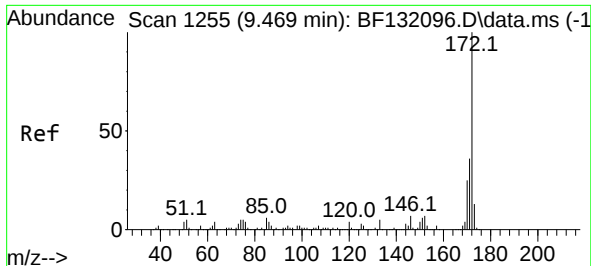
Tgt Ion:196 Resp: 444375
Ion Ratio Lower Upper
196 100
198 93.2 77.4 116.0
200 29.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.061 ng
RT: 9.419 min Scan# 1119
Delta R.T. 0.009 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:196 Resp: 481807
Ion Ratio Lower Upper
196 100
198 94.9 75.4 113.2
97 53.5 46.4 69.6
132 26.4 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 69.820 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

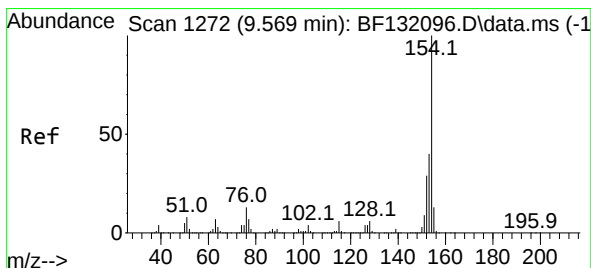
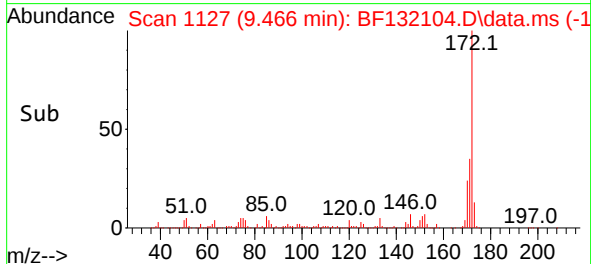
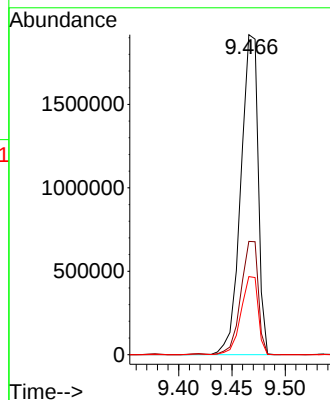
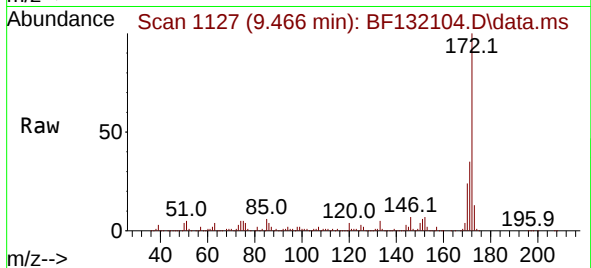
Tgt Ion:172 Resp: 2176735

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 24.4 19.8 29.6



#46

1,1'-Biphenyl

Concen: 40.013 ng

RT: 9.572 min Scan# 1145

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

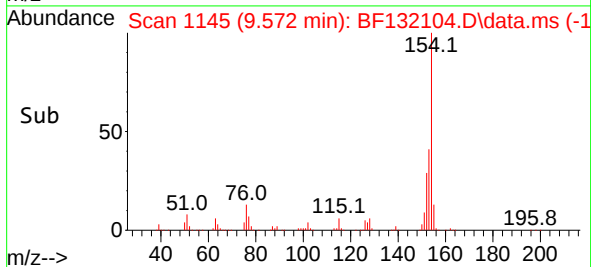
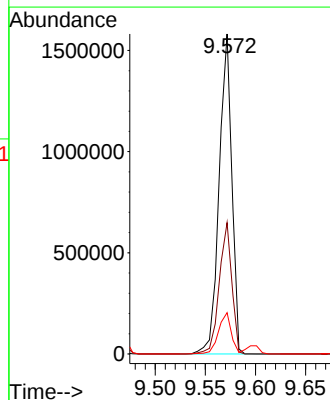
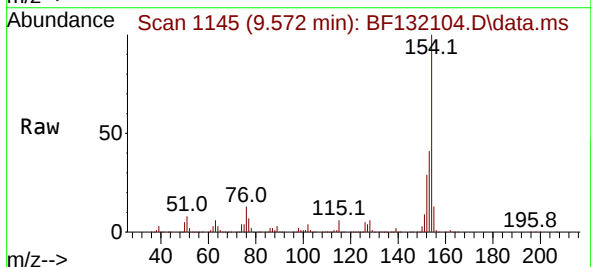
Tgt Ion:154 Resp: 1386398

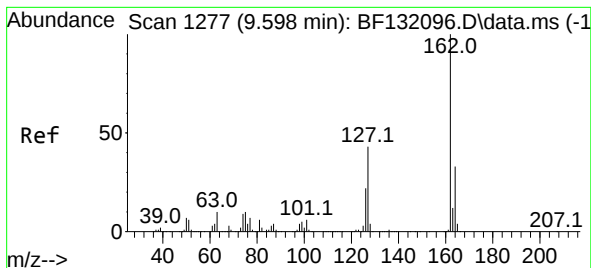
Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

76 12.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 41.184 ng

RT: 9.601 min Scan# 1150

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

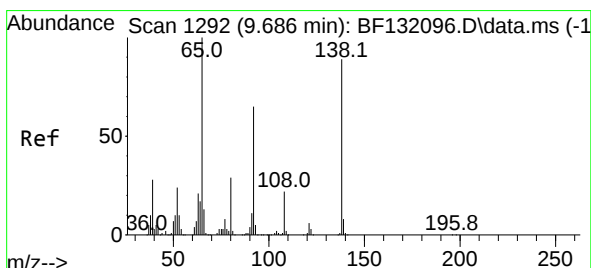
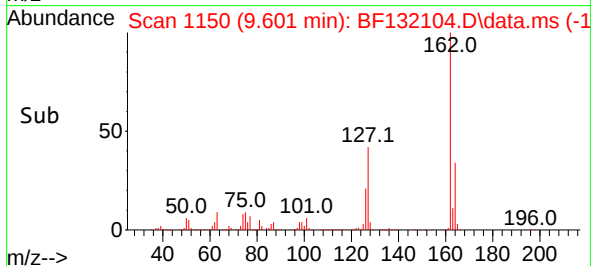
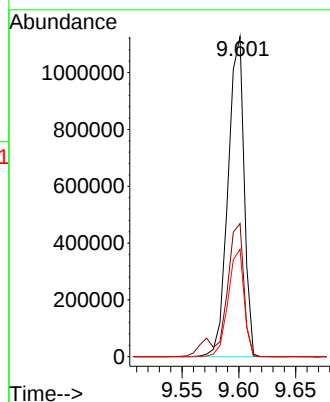
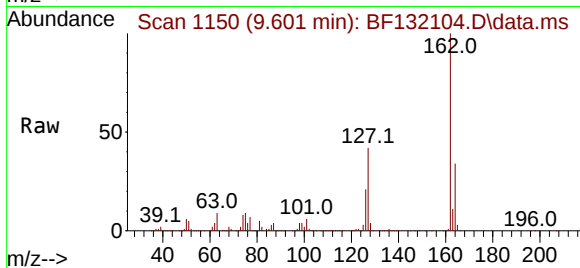
Tgt Ion:162 Resp: 1107928

Ion Ratio Lower Upper

162 100

127 41.6 34.4 51.6

164 33.6 26.6 40.0



#48

2-Nitroaniline

Concen: 49.034 ng

RT: 9.689 min Scan# 1165

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

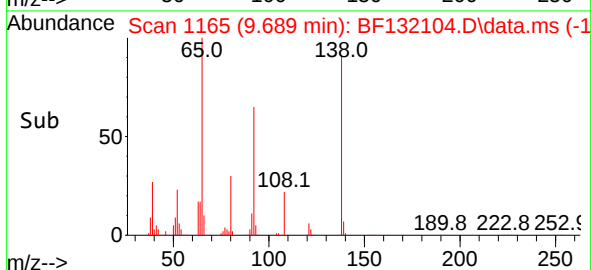
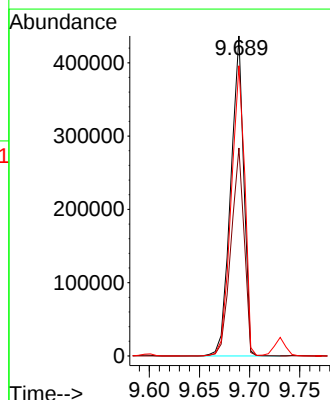
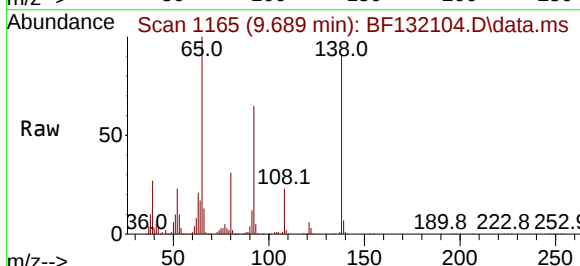
Tgt Ion: 65 Resp: 394780

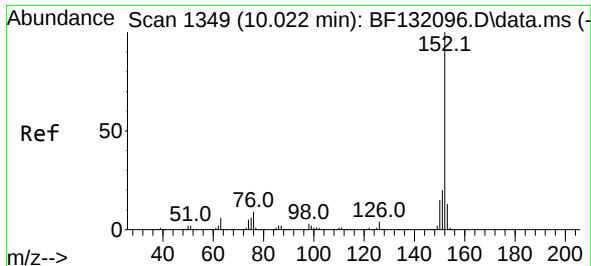
Ion Ratio Lower Upper

65 100

92 65.0 51.9 77.9

138 90.7 71.4 107.0

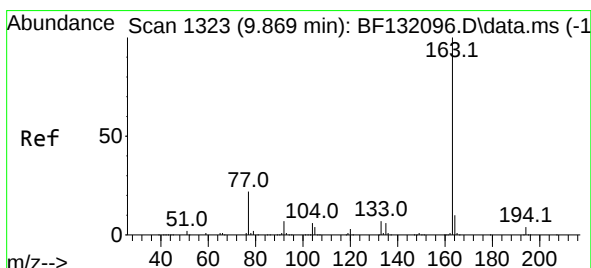
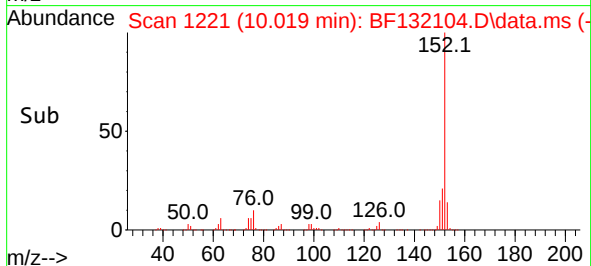
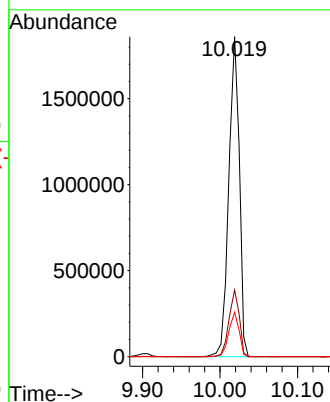
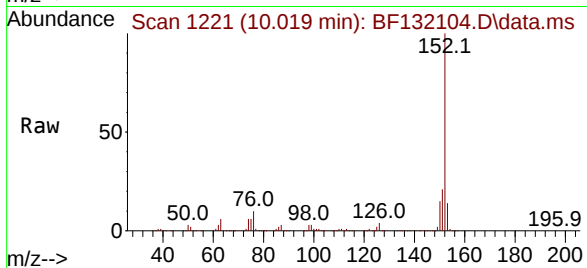




#49
Acenaphthylene
Concen: 40.146 ng
RT: 10.019 min Scan# 1196
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

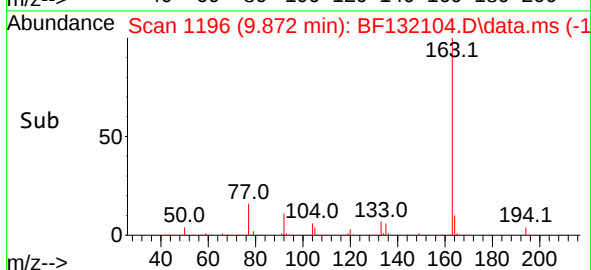
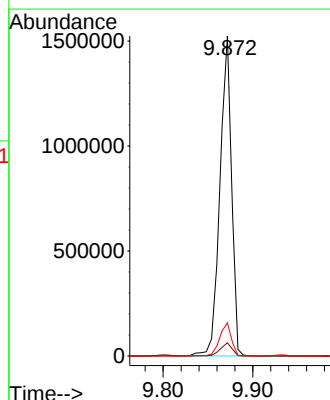
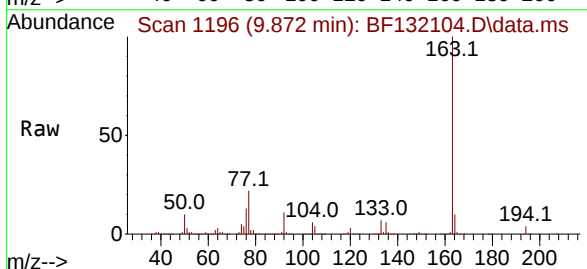
Instrument :
BNA_F
ClientSampleId :
PB150083BS

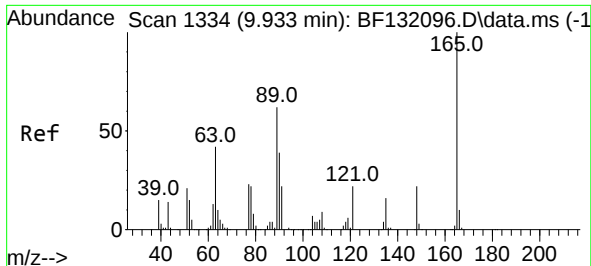
Tgt Ion:152 Resp: 1758569
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.9 10.6 16.0



#50
Dimethylphthalate
Concen: 41.028 ng
RT: 9.872 min Scan# 1196
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:163 Resp: 1373459
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.4 12.6

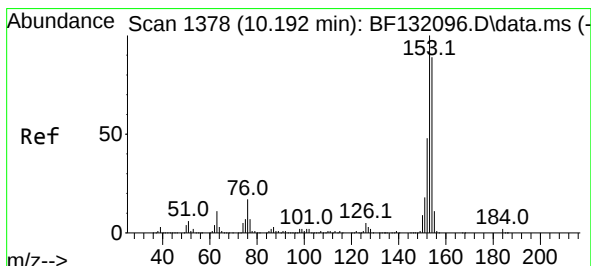
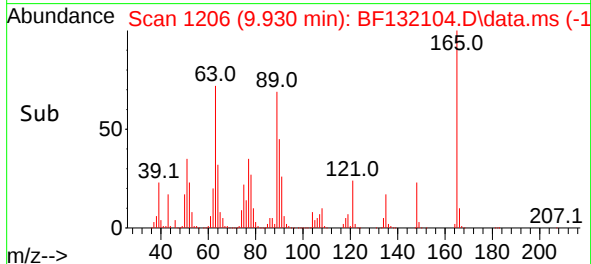
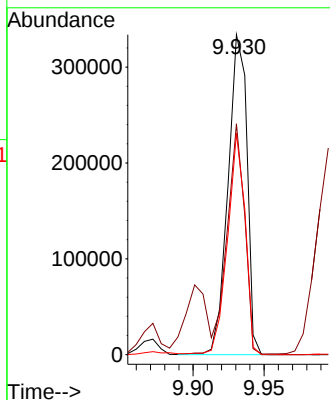
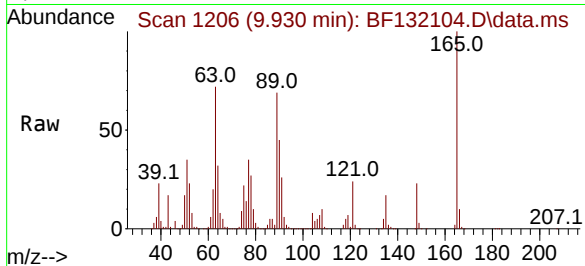




#51
2,6-Dinitrotoluene
Concen: 48.344 ng
RT: 9.930 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

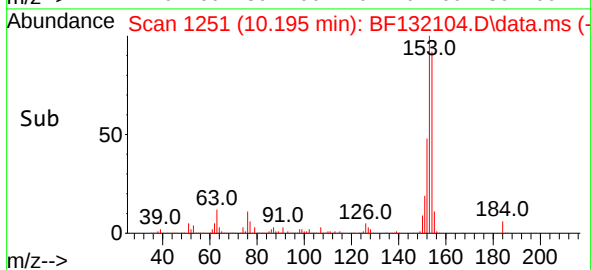
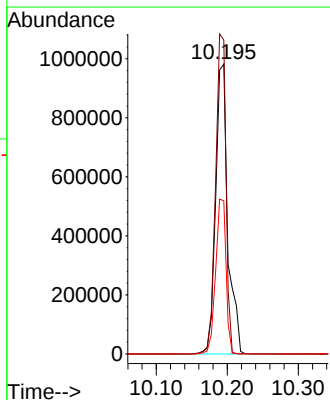
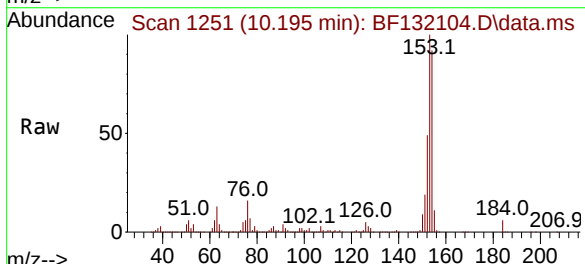
Instrument :
BNA_F
ClientSampleId :
PB150083BS

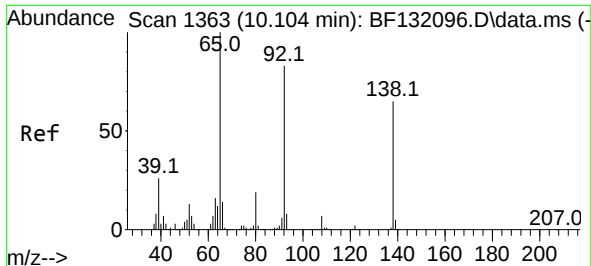
Tgt Ion:165 Resp: 311047
Ion Ratio Lower Upper
165 100
63 72.2 48.7 73.1
89 69.2 50.0 75.0



#52
Acenaphthene
Concen: 44.656 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:154 Resp: 1168281
Ion Ratio Lower Upper
154 100
153 108.3 89.5 134.3
152 52.8 43.2 64.8

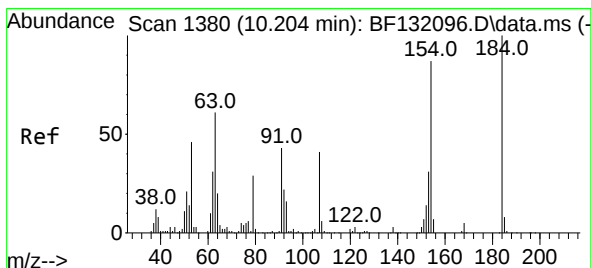
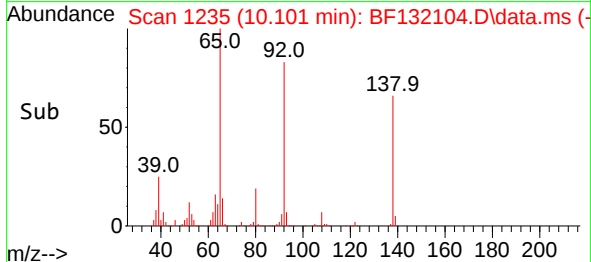
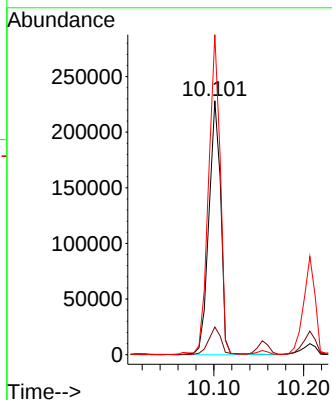
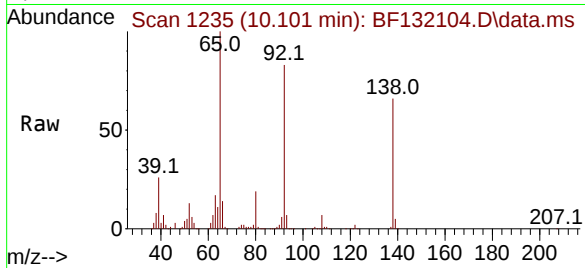




#53
3-Nitroaniline
Concen: 29.570 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

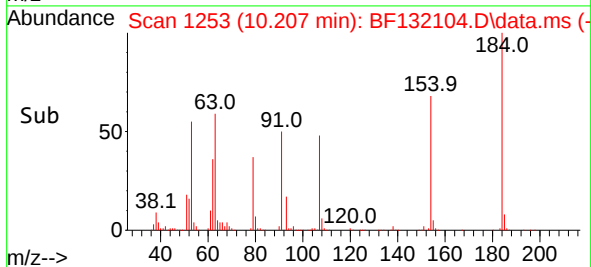
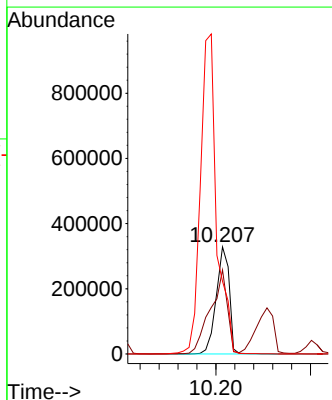
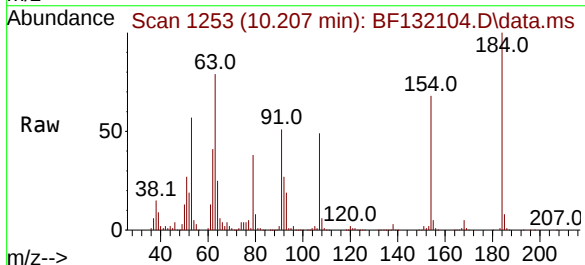
Instrument :
BNA_F
ClientSampleId :
PB150083BS

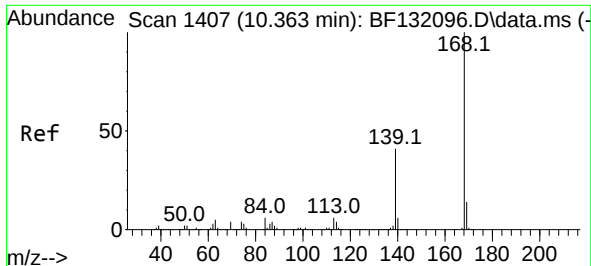
Tgt Ion:138 Resp: 208431
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 126.0 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 92.401 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:184 Resp: 313579
Ion Ratio Lower Upper
184 100
63 78.6 49.1 73.7#
154 67.9 71.4 107.2#

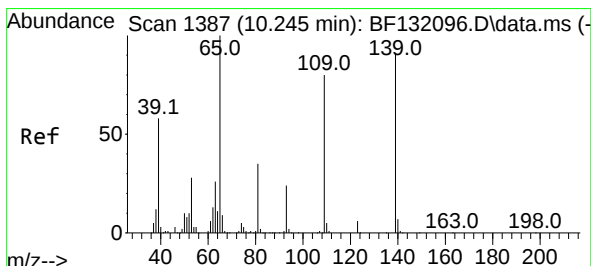
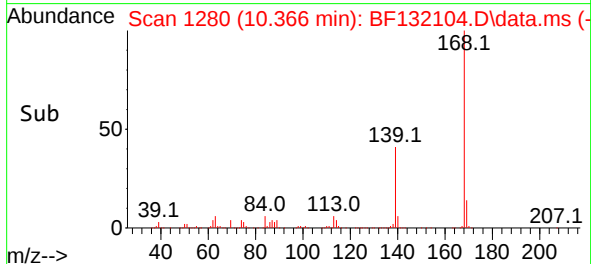
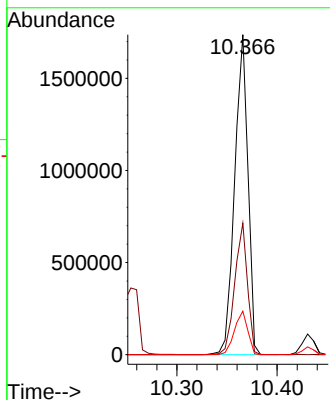
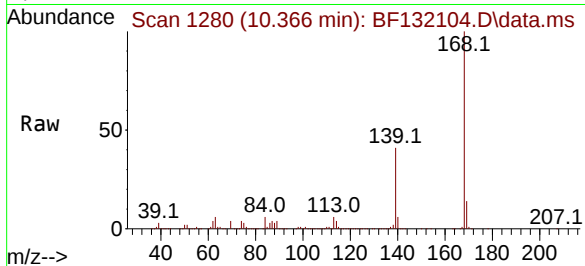




#55
Dibenzenofuran
Concen: 39.535 ng
RT: 10.366 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

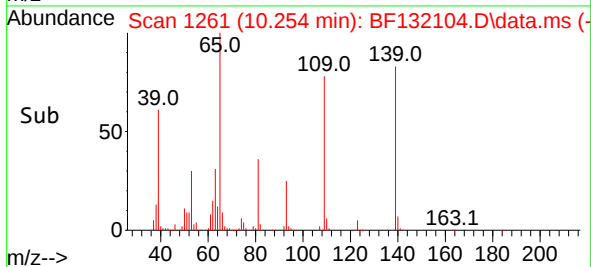
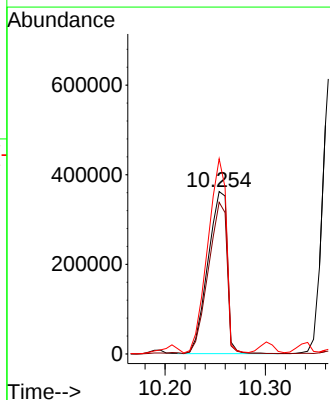
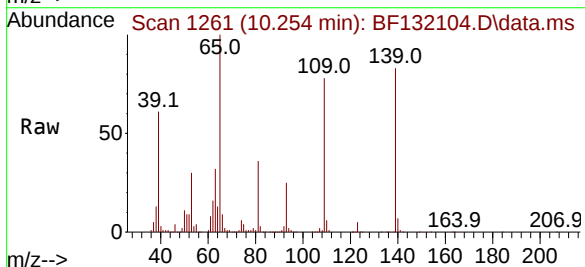
Instrument :
BNA_F
ClientSampleId :
PB150083BS

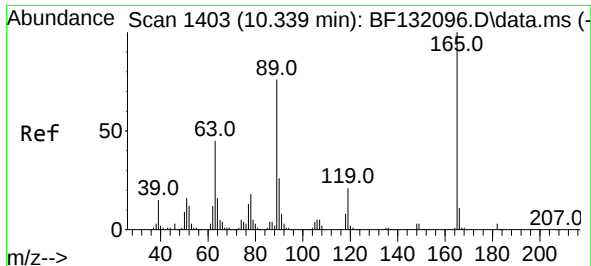
Tgt Ion:168 Resp: 1602257
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 91.988 ng
RT: 10.254 min Scan# 1261
Delta R.T. 0.009 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:139 Resp: 486112
Ion Ratio Lower Upper
139 100
109 93.5 67.4 107.4
65 120.2 90.1 130.1



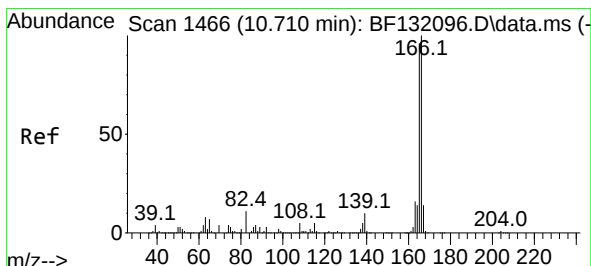
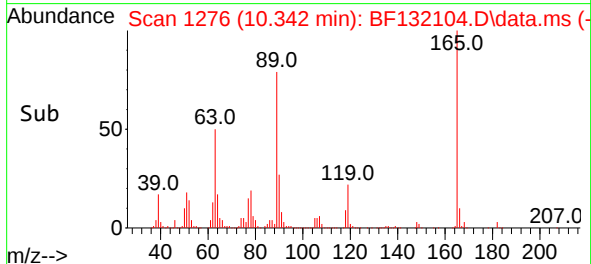
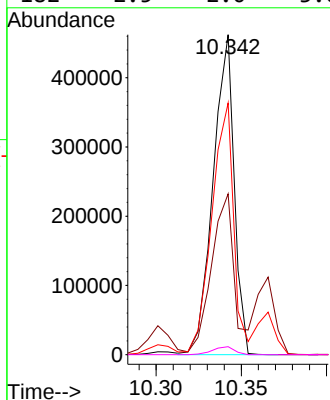
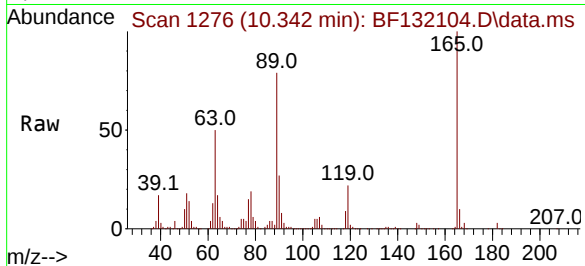


#57
2,4-Dinitrotoluene
Concen: 50.721 ng
RT: 10.342 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:165 Resp: 397650

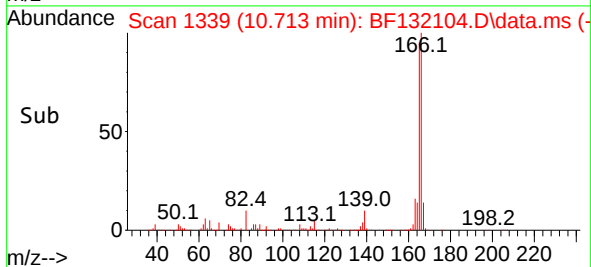
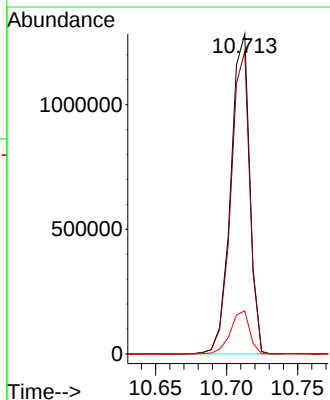
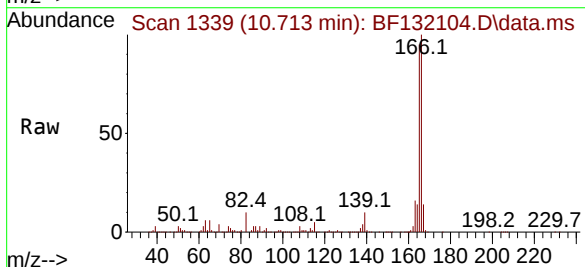
Ion	Ratio	Lower	Upper
165	100		
63	50.3	36.1	54.1
89	78.7	60.8	91.2
182	2.5	2.0	3.0

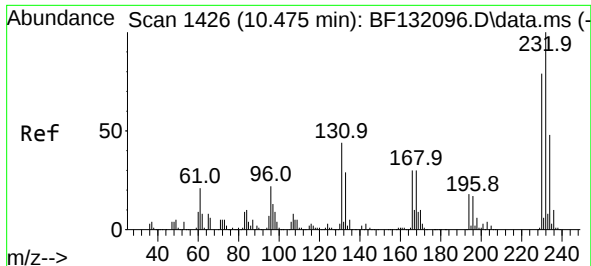


#58
Fluorene
Concen: 39.901 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:166 Resp: 1197266

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.0	115.6
167	13.5	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.156 ng

RT: 10.477 min Scan# 1316

Delta R.T. 0.002 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

Tgt Ion:232 Resp: 405571

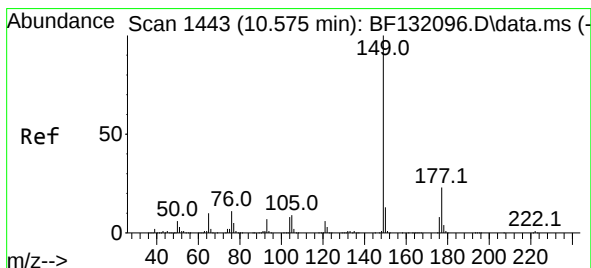
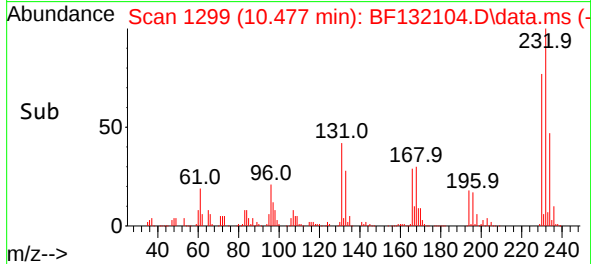
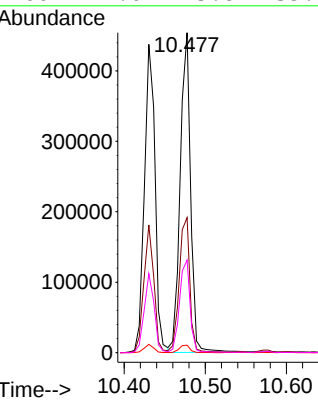
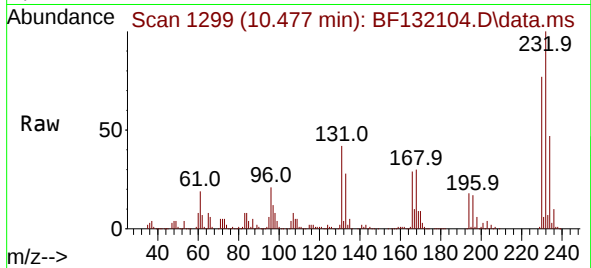
Ion Ratio Lower Upper

232 100

131 42.7 35.2 52.8

130 2.5 2.0 3.0

166 29.0 23.8 35.6



#60

Diethylphthalate

Concen: 41.160 ng

RT: 10.577 min Scan# 1316

Delta R.T. 0.002 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

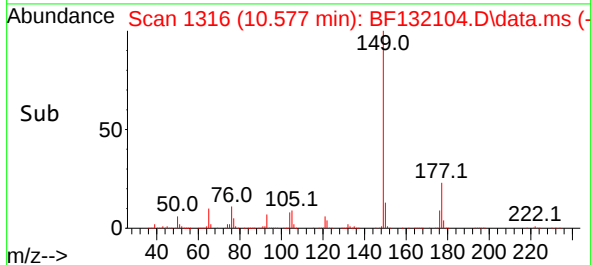
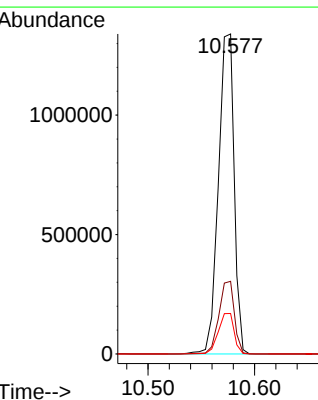
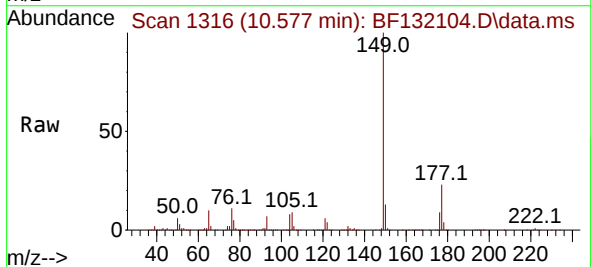
Tgt Ion:149 Resp: 1377090

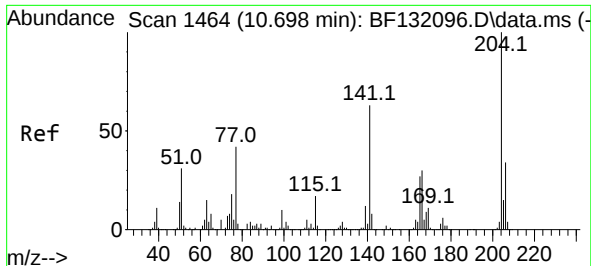
Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.4

150 12.6 10.2 15.2

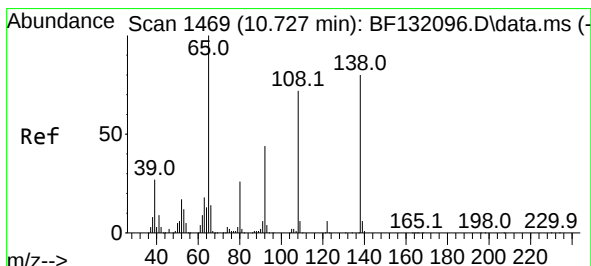
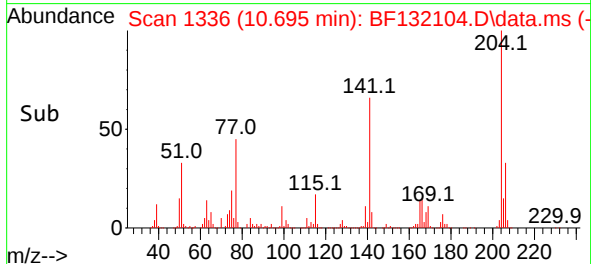
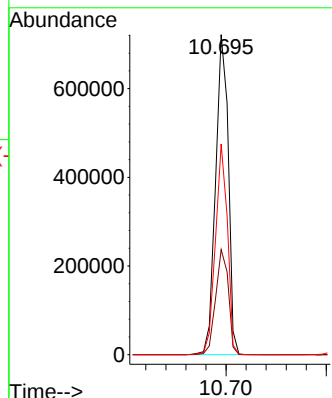
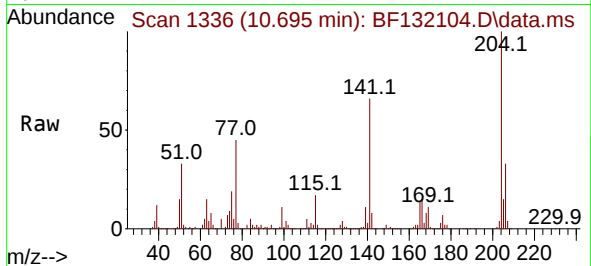




#61
4-Chlorophenyl-phenylether
Concen: 39.651 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

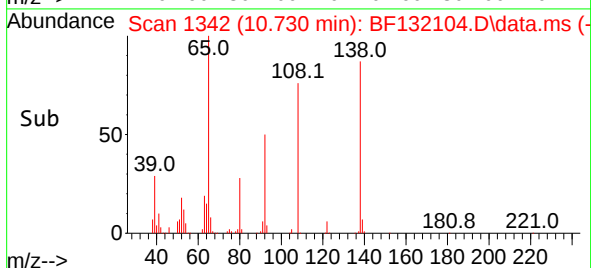
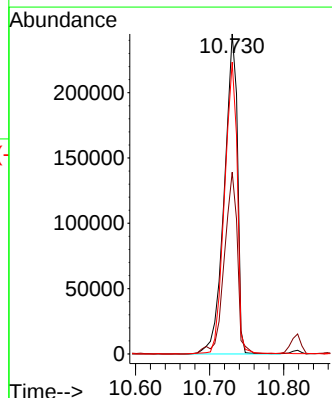
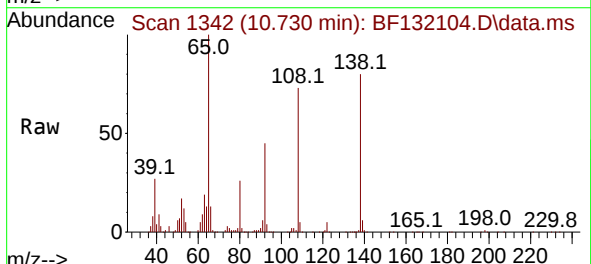
Instrument :
BNA_F
ClientSampleId :
PB150083BS

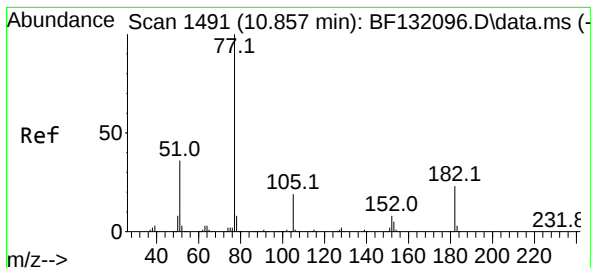
Tgt Ion:204 Resp: 632003
Ion Ratio Lower Upper
204 100
206 32.9 27.2 40.8
141 65.8 50.6 76.0



#62
4-Nitroaniline
Concen: 46.164 ng
RT: 10.730 min Scan# 1342
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:138 Resp: 303362
Ion Ratio Lower Upper
138 100
92 56.8 35.7 75.7
108 91.2 71.0 111.0





#63

Azobenzene

Concen: 39.669 ng

RT: 10.860 min Scan# 1491

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

Tgt Ion: 77 Resp: 1334272

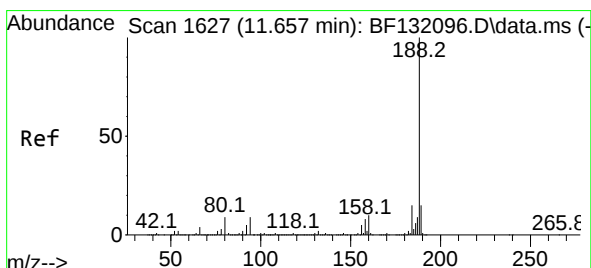
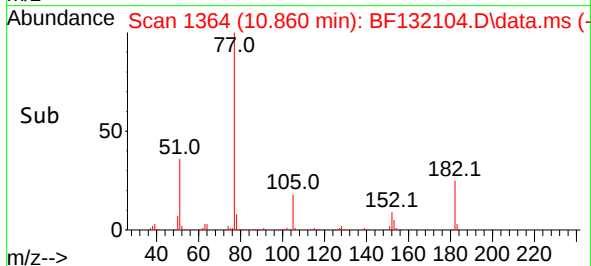
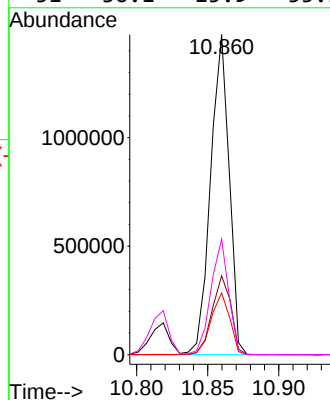
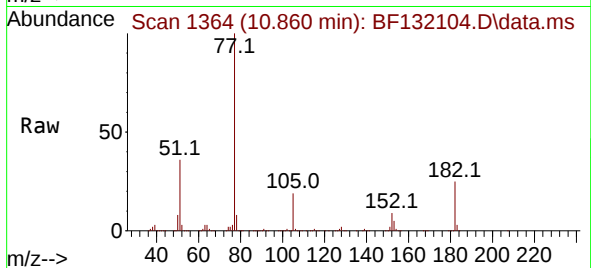
Ion Ratio Lower Upper

77 100

182 24.6 2.8 42.8

105 19.3 0.0 39.0

51 36.1 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.654 min Scan# 1499

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

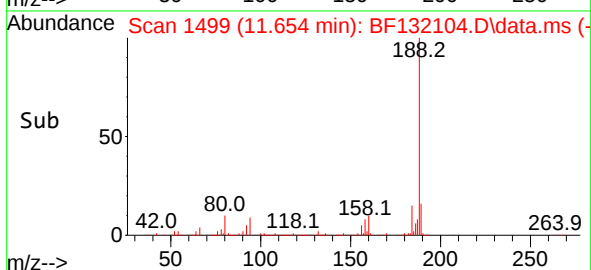
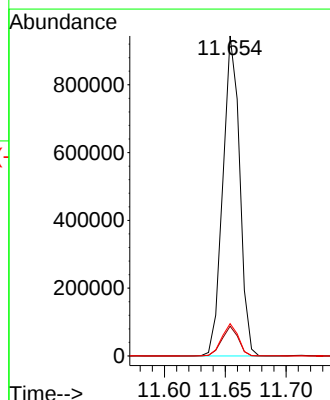
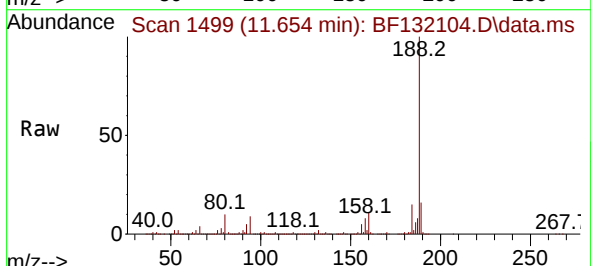
Tgt Ion: 188 Resp: 907605

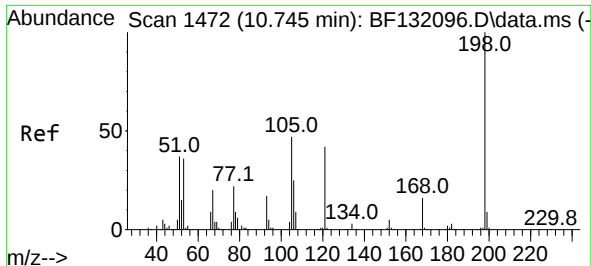
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.1 7.2 10.8

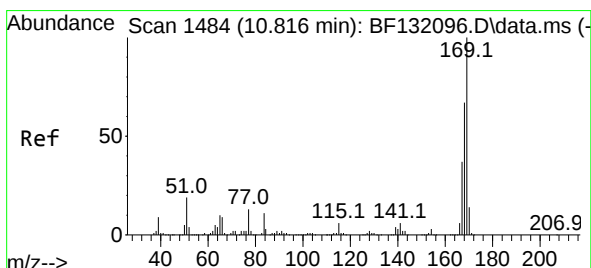
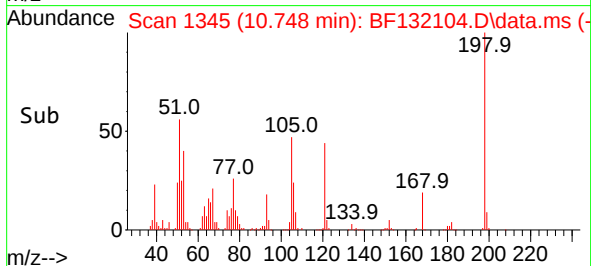
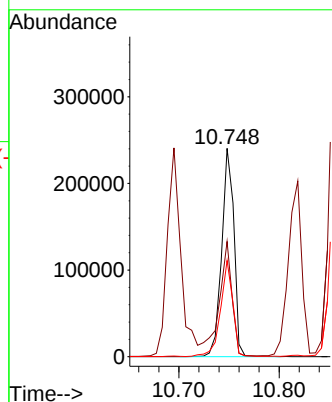
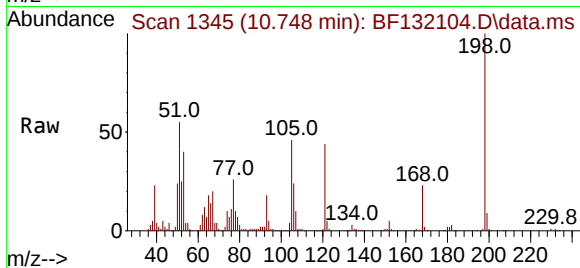




#65
4,6-Dinitro-2-methylphenol
Concen: 46.853 ng
RT: 10.748 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

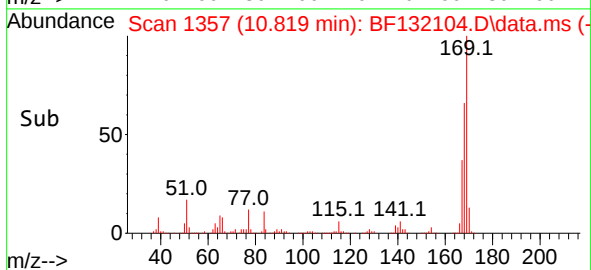
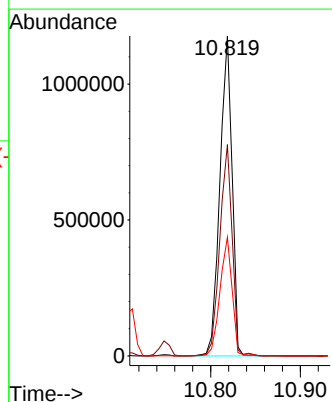
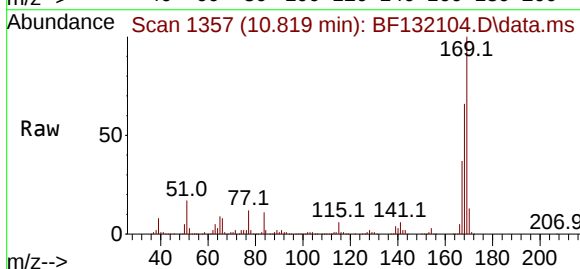
Instrument :
BNA_F
ClientSampleId :
PB150083BS

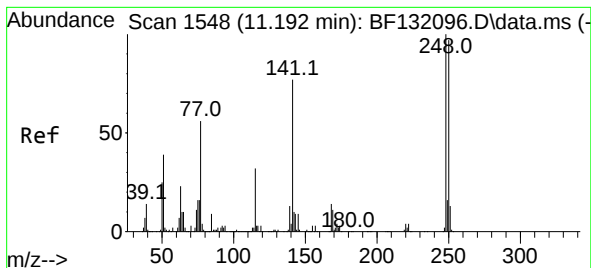
Tgt Ion:198 Resp: 202568
Ion Ratio Lower Upper
198 100
51 55.3 35.7 75.7
105 46.1 28.0 68.0



#66
n-Nitrosodiphenylamine
Concen: 40.736 ng
RT: 10.819 min Scan# 1357
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:169 Resp: 1107902
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 37.1 29.8 44.8

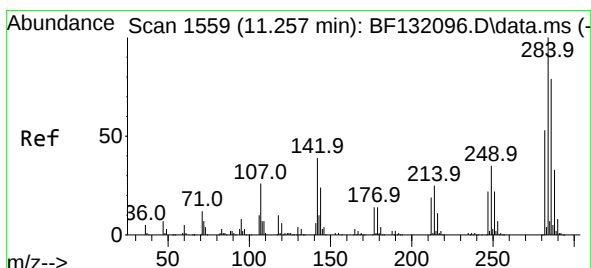
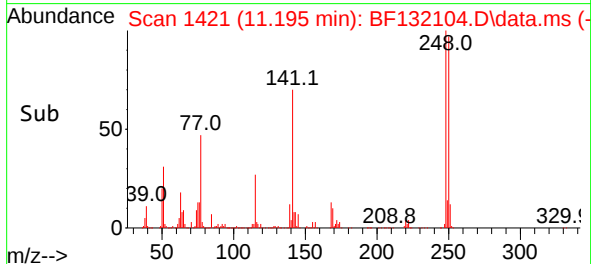
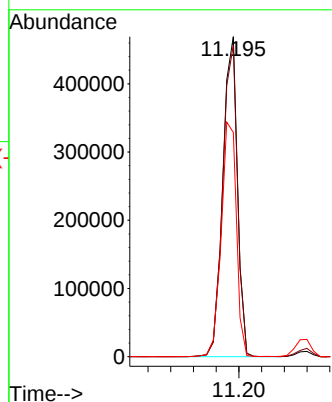
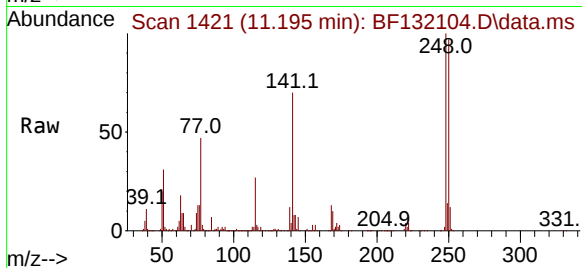




#67
4-Bromophenyl-phenylether
Concen: 41.559 ng
RT: 11.195 min Scan# 1419
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

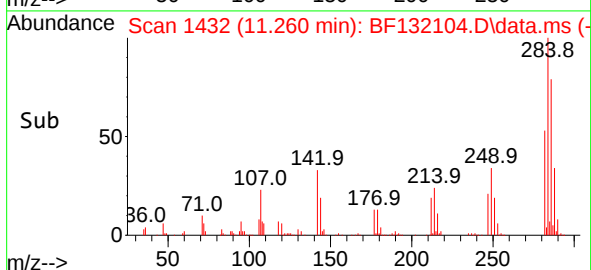
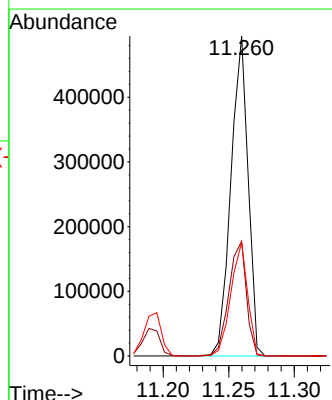
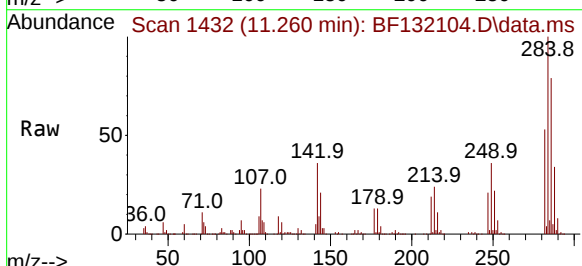
Instrument :
BNA_F
ClientSampleId :
PB150083BS

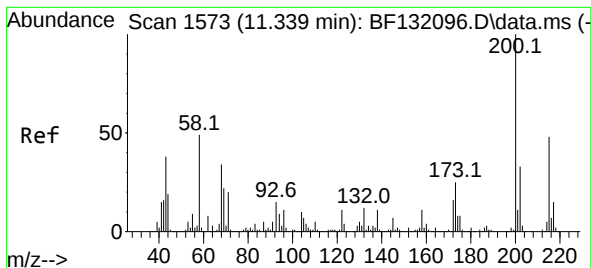
Tgt Ion:248 Resp: 422165
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 70.1 61.8 92.6



#68
Hexachlorobenzene
Concen: 44.432 ng
RT: 11.260 min Scan# 1432
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:284 Resp: 449104
Ion Ratio Lower Upper
284 100
142 35.8 31.4 47.2
249 35.5 28.2 42.2





#69

Atrazine

Concen: 45.548 ng

RT: 11.342 min Scan# 1446

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

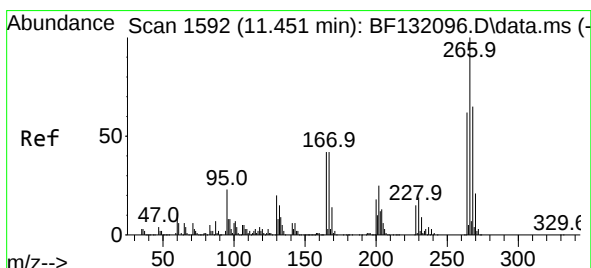
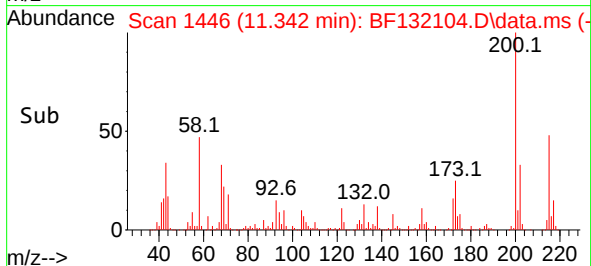
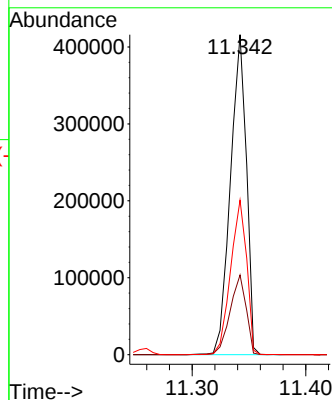
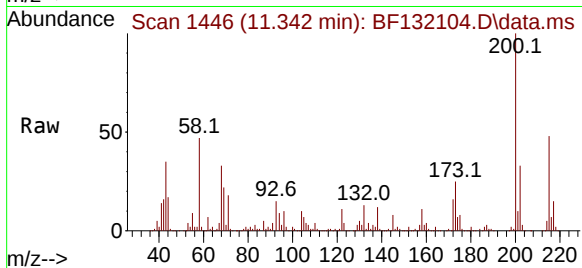
Tgt Ion:200 Resp: 404800

Ion Ratio Lower Upper

200 100

173 24.9 4.9 44.9

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 79.881 ng

RT: 11.454 min Scan# 1465

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

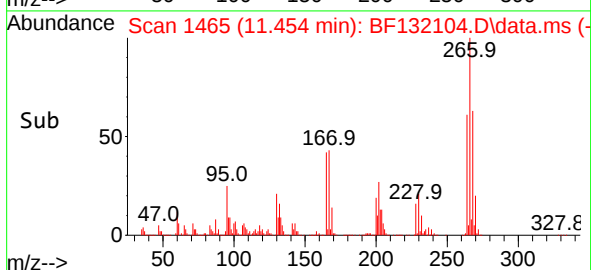
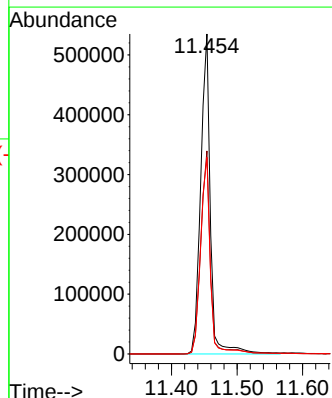
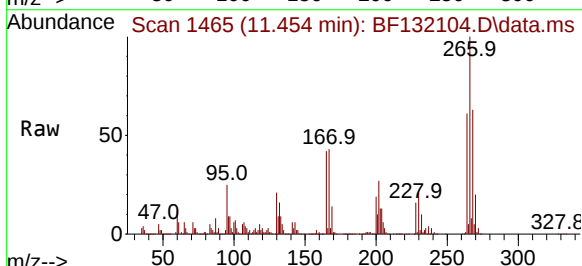
Tgt Ion:266 Resp: 549156

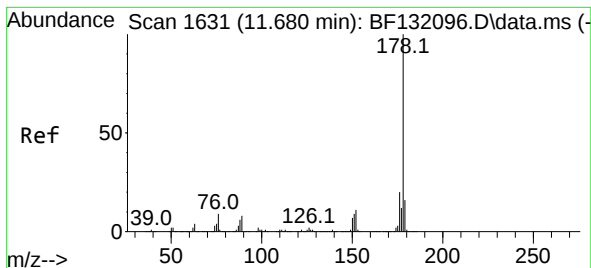
Ion Ratio Lower Upper

266 100

268 63.5 51.6 77.4

264 61.5 49.7 74.5





#71

Phenanthrene

Concen: 40.475 ng

RT: 11.683 min Scan# 1513

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

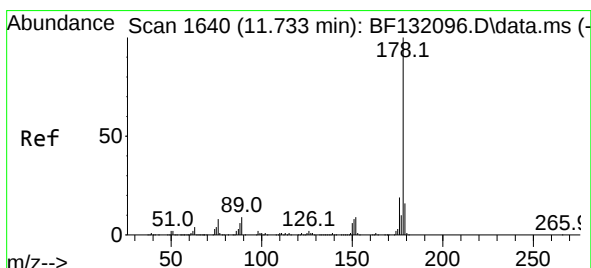
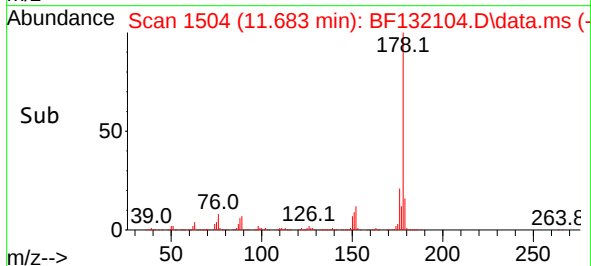
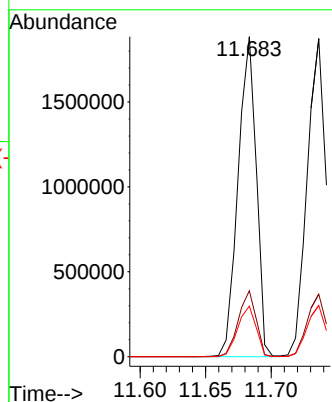
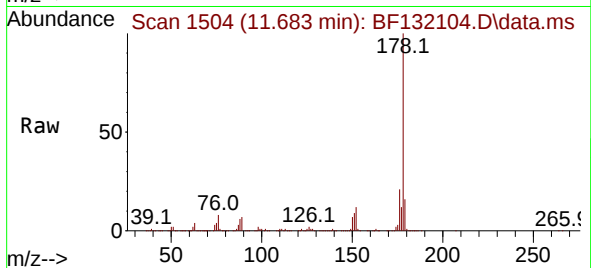
Tgt Ion:178 Resp: 1826326

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

179 15.8 12.8 19.2



#72

Anthracene

Concen: 40.132 ng

RT: 11.736 min Scan# 1513

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

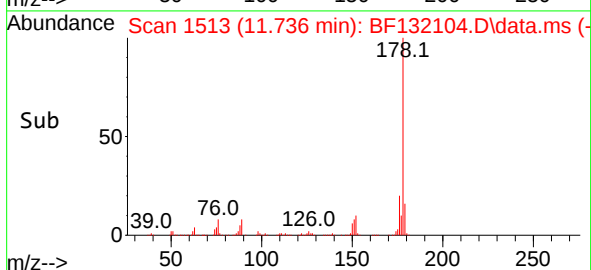
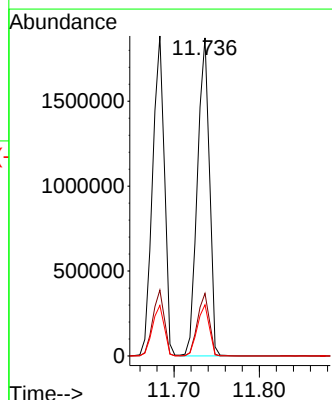
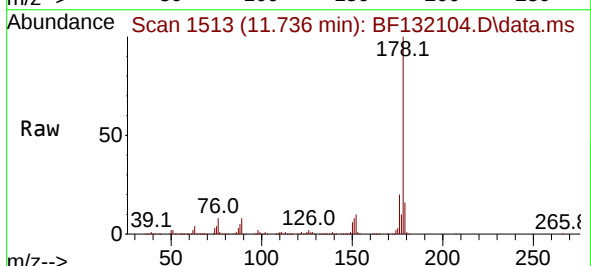
Tgt Ion:178 Resp: 1834572

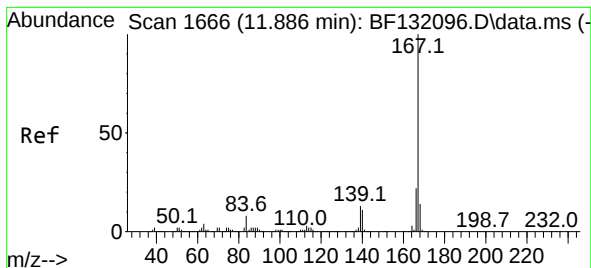
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 16.1 13.0 19.6





#73

Carbazole

Concen: 40.947 ng

RT: 11.883 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

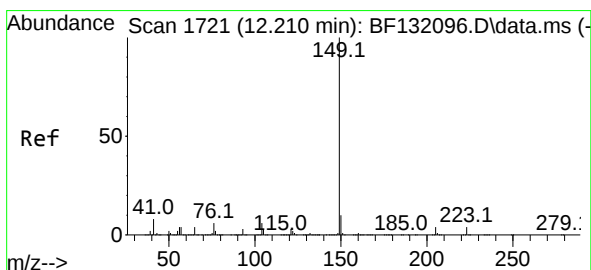
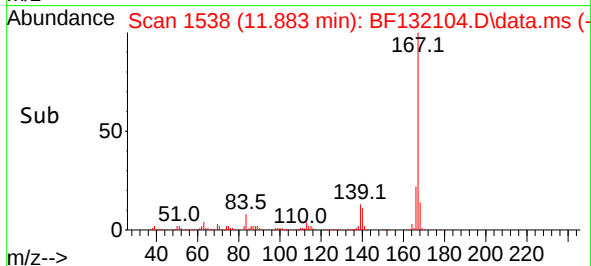
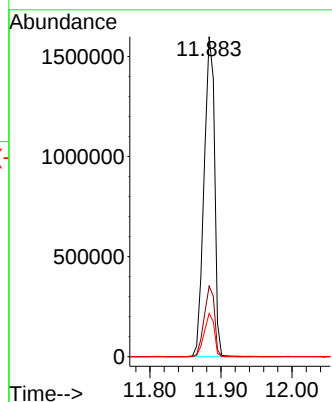
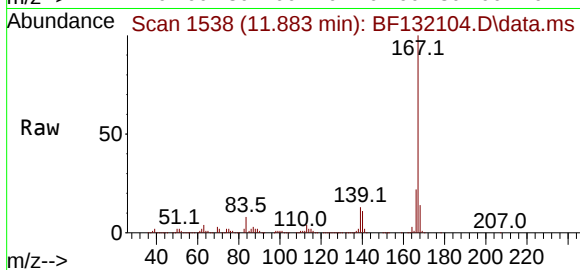
Tgt Ion:167 Resp: 1654512

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 41.412 ng

RT: 12.207 min Scan# 1593

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

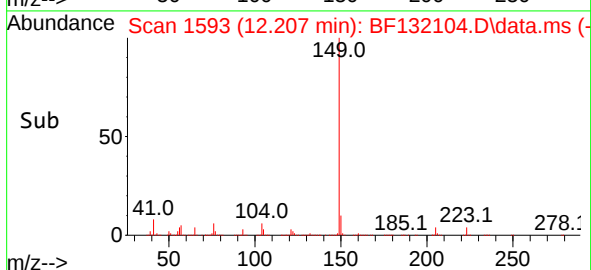
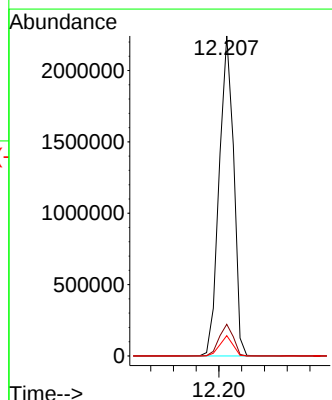
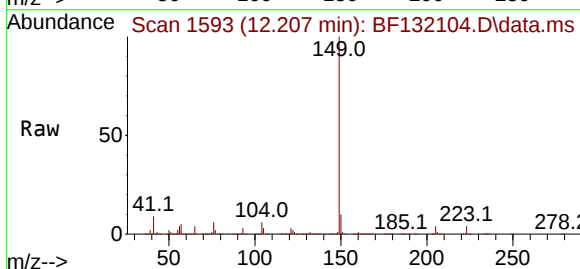
Tgt Ion:149 Resp: 1988809

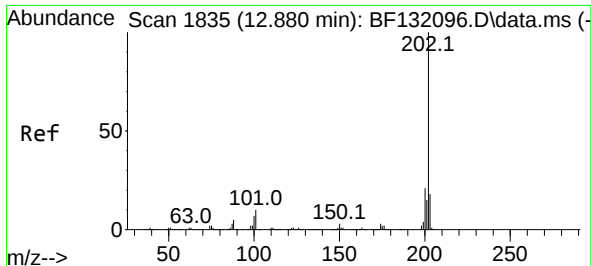
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 6.3 4.8 7.2

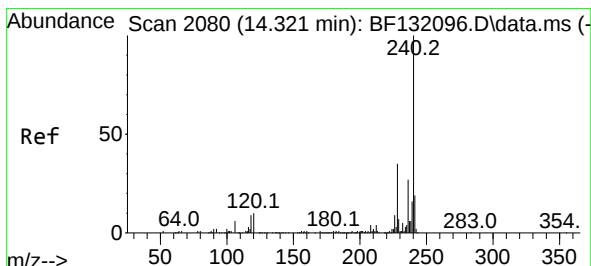
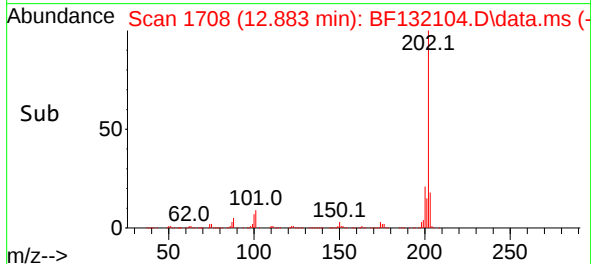
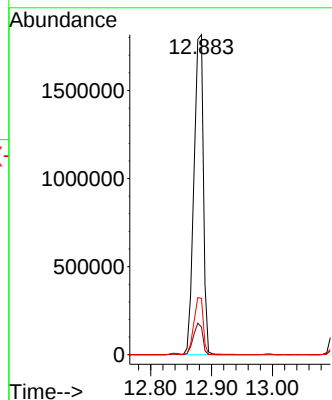
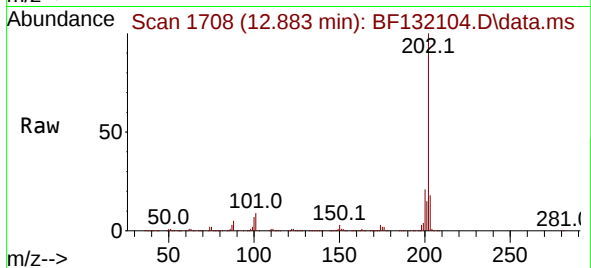




#75
Fluoranthene
Concen: 39.901 ng
RT: 12.883 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

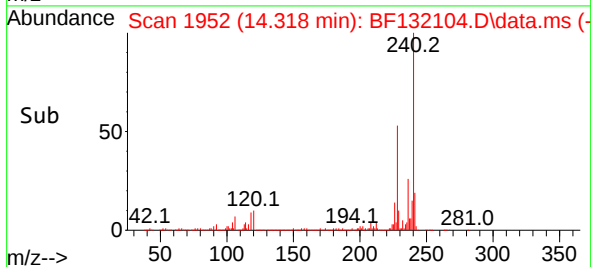
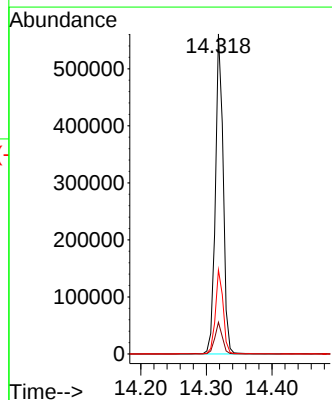
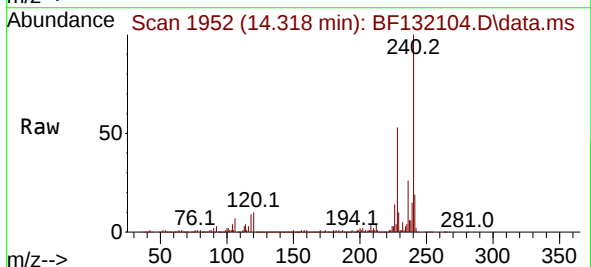
Instrument :
BNA_F
ClientSampleId :
PB150083BS

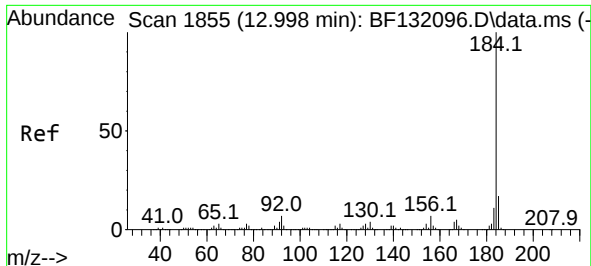
Tgt Ion:202 Resp: 1939738
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 17.6 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.318 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:240 Resp: 464180
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.8
236 26.3 21.3 31.9

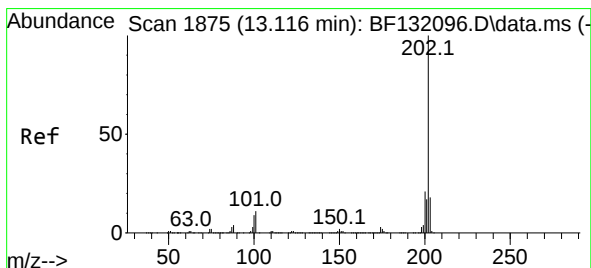
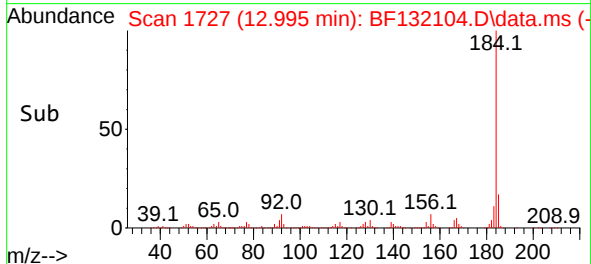
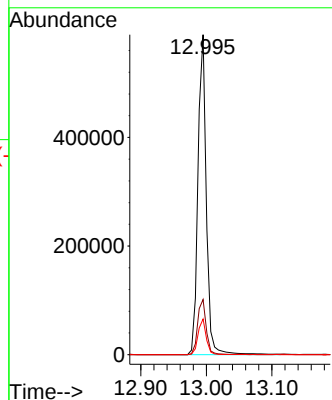
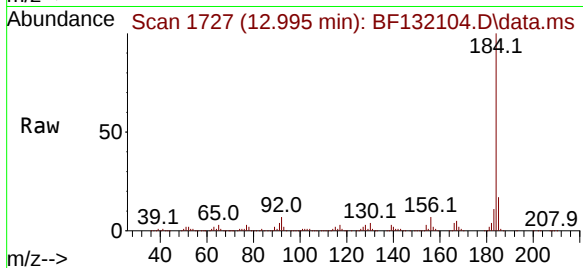




#77
Benzidine
Concen: 42.992 ng
RT: 12.995 min Scan# 1727
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

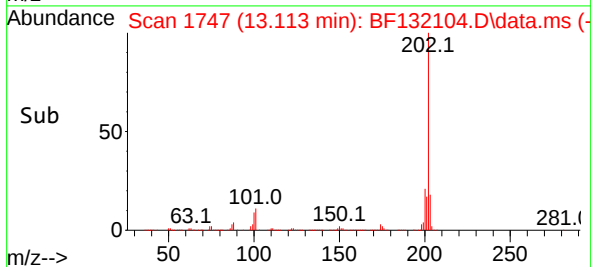
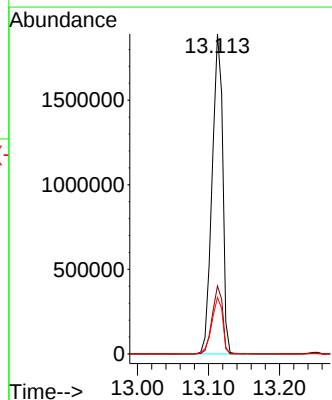
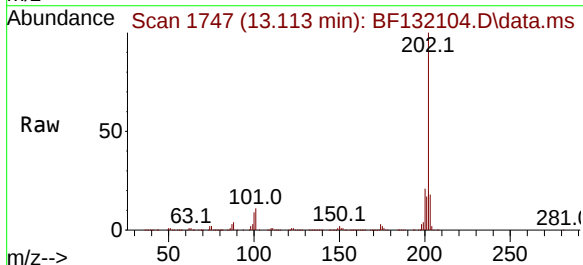
Instrument :
BNA_F
ClientSampleId :
PB150083BS

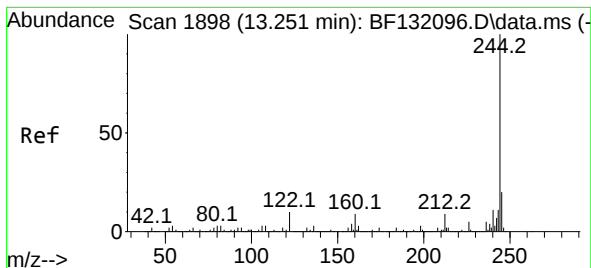
Tgt Ion:184 Resp: 523877
Ion Ratio Lower Upper
184 100
185 17.3 13.3 19.9
183 11.2 8.9 13.3



#78
Pyrene
Concen: 44.793 ng
RT: 13.113 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:202 Resp: 1956537
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 89.804 ng

RT: 13.254 min Scan# 11

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

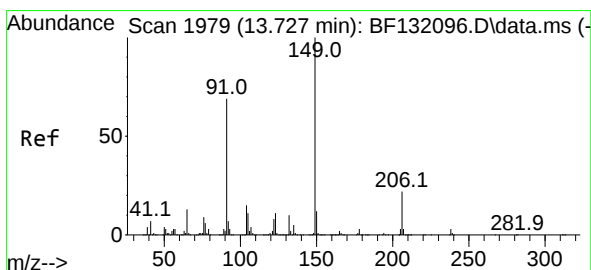
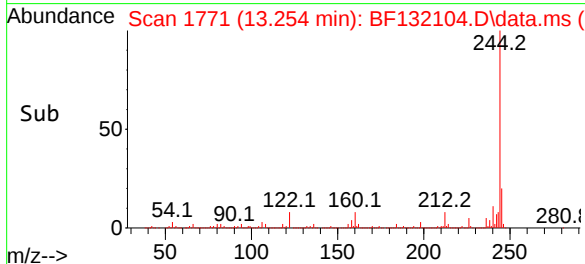
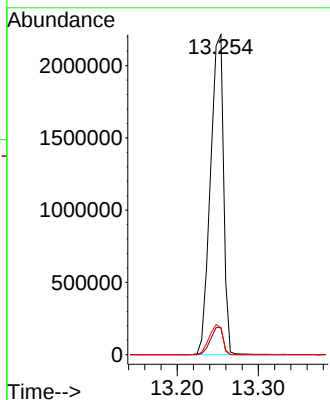
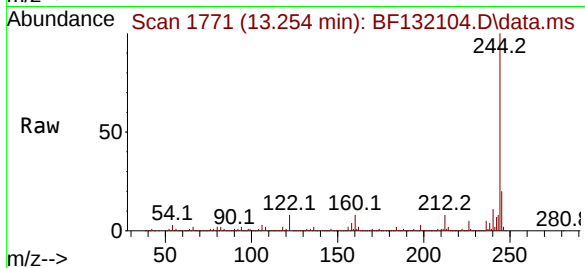
Tgt Ion:244 Resp: 2472880

Ion Ratio Lower Upper

244 100

212 8.4 7.1 10.7

122 8.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 52.079 ng

RT: 13.724 min Scan# 1851

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

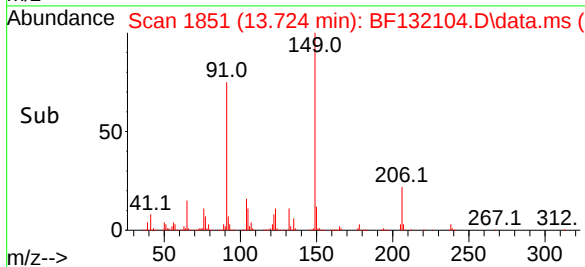
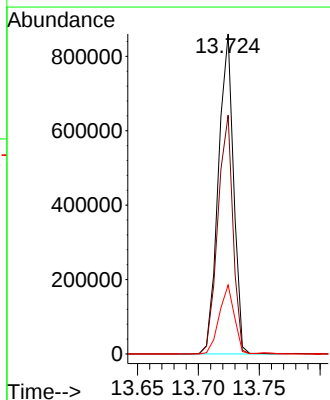
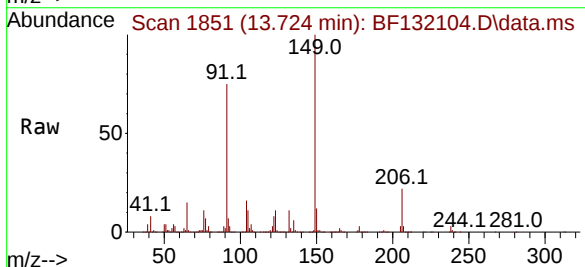
Tgt Ion:149 Resp: 749239

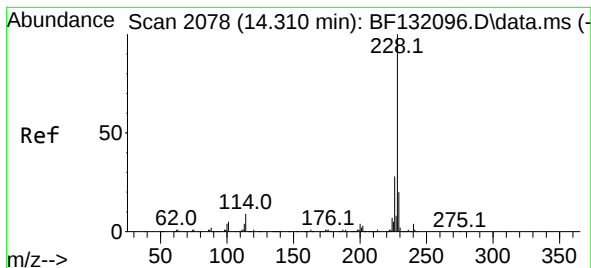
Ion Ratio Lower Upper

149 100

91 74.6 54.9 82.3

206 21.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.975 ng

RT: 14.307 min Scan# 1943

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

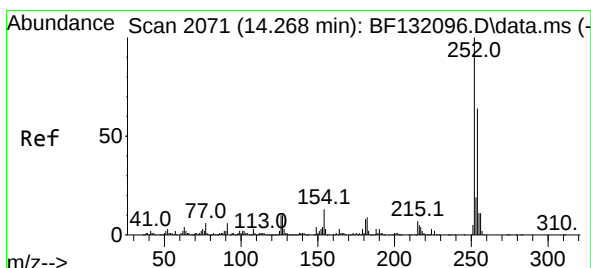
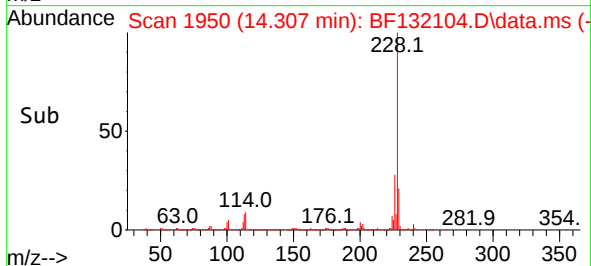
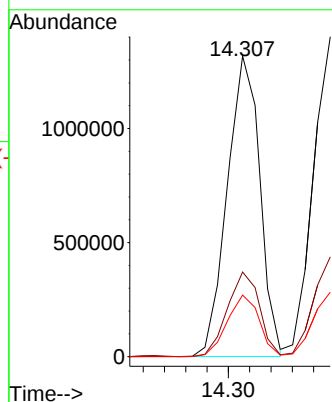
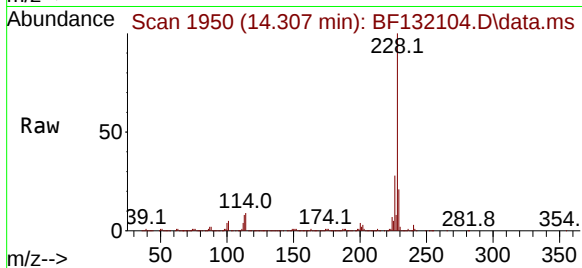
Tgt Ion:228 Resp: 1403250

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 20.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.975 ng

RT: 14.265 min Scan# 1943

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

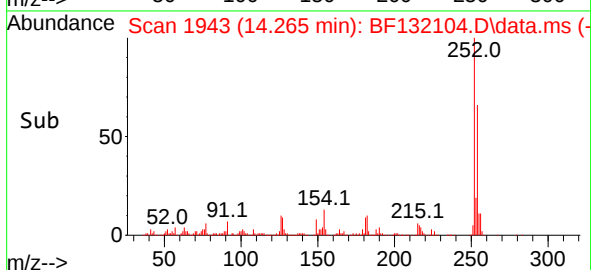
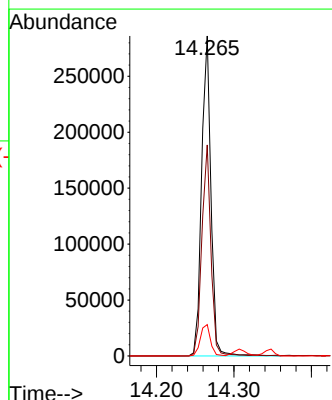
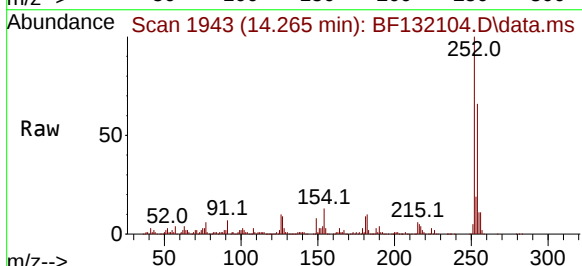
Tgt Ion:252 Resp: 239357

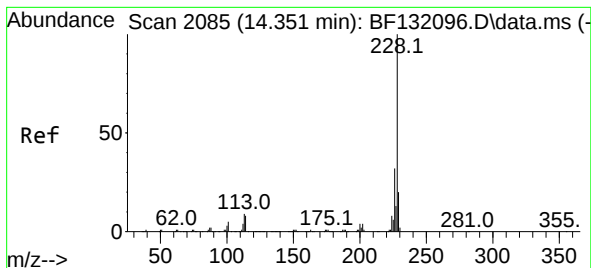
Ion Ratio Lower Upper

252 100

254 66.0 51.1 76.7

126 9.8 7.9 11.9





#83

Chrysene

Concen: 42.121 ng

RT: 14.348 min Scan# 1957

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

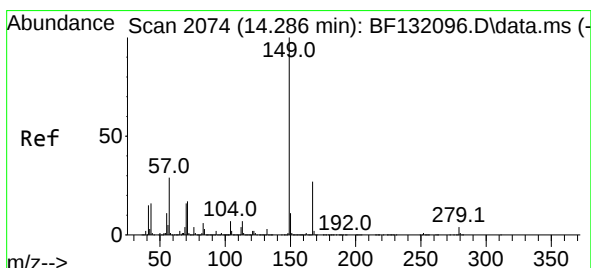
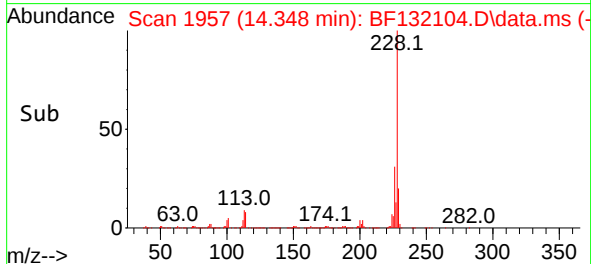
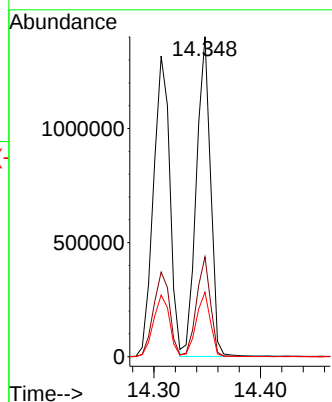
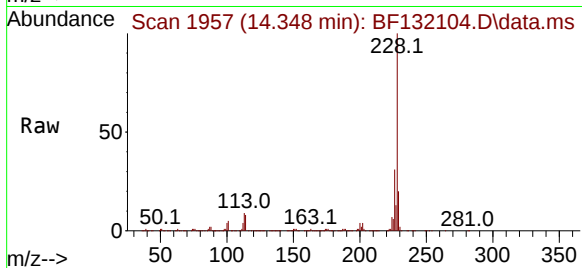
Tgt Ion:228 Resp: 1293735

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.376 ng

RT: 14.283 min Scan# 1946

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

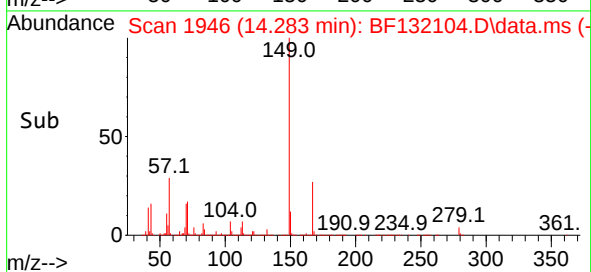
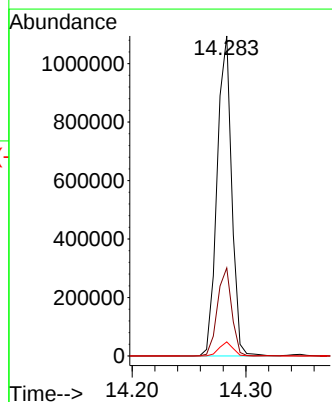
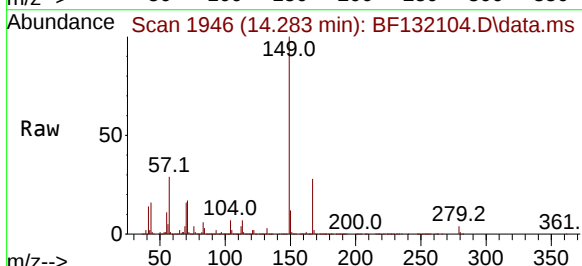
Tgt Ion:149 Resp: 974055

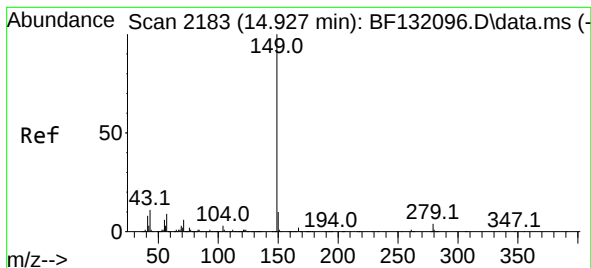
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 49.198 ng

RT: 14.924 min Scan# 2055

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

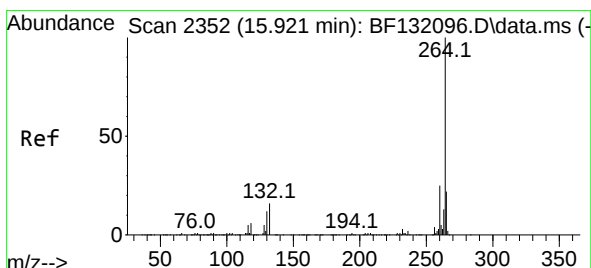
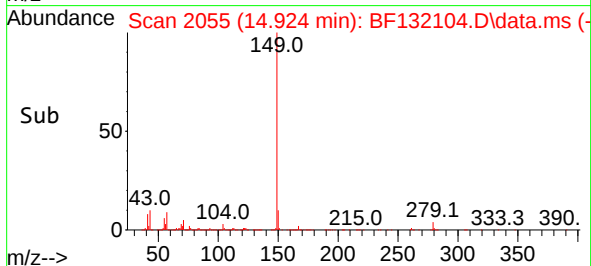
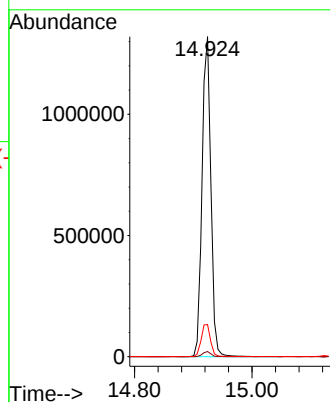
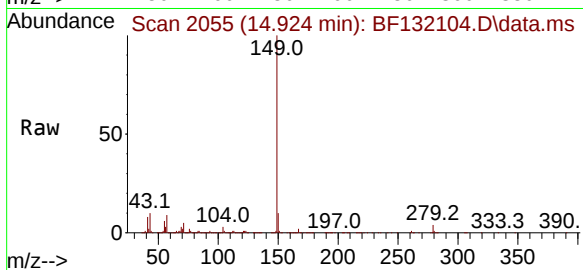
Tgt Ion:149 Resp: 1367245

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.918 min Scan# 2224

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

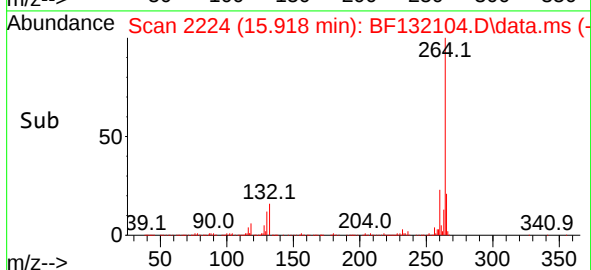
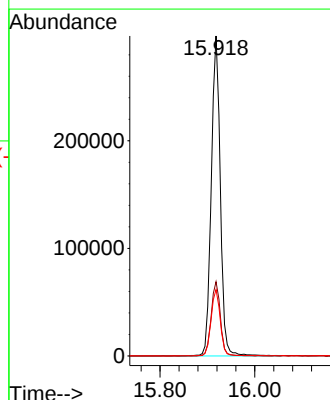
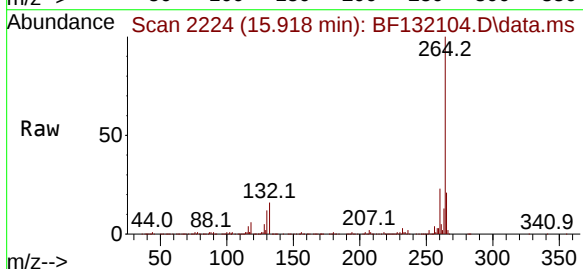
Tgt Ion:264 Resp: 395837

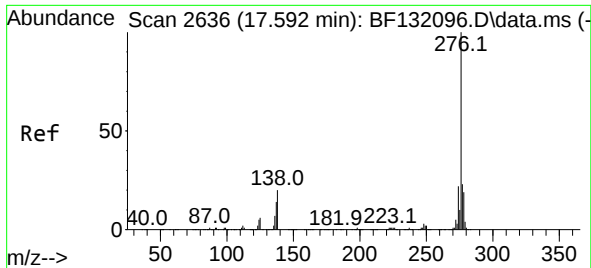
Ion Ratio Lower Upper

264 100

260 23.2 19.7 29.5

265 20.7 17.3 25.9

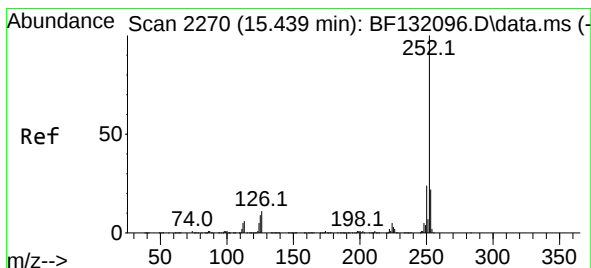
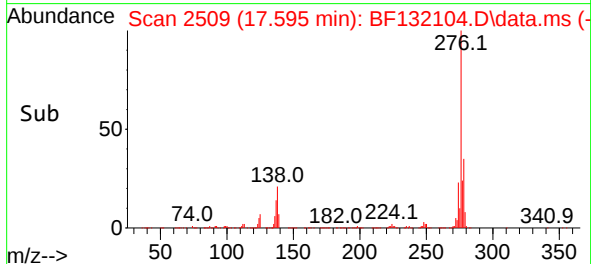
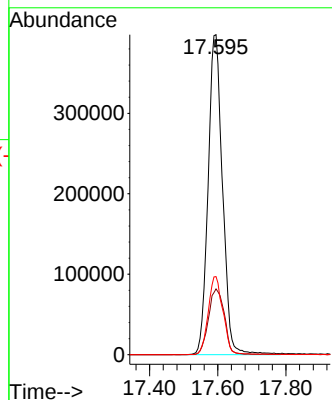
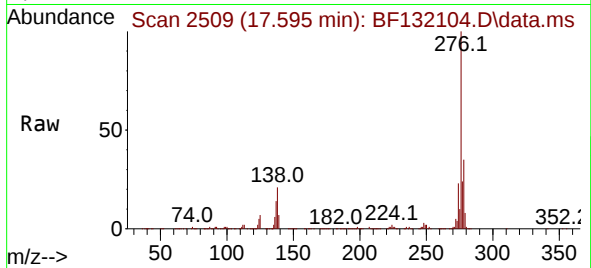




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.998 ng
 RT: 17.595 min Scan# 2142
 Delta R.T. 0.003 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

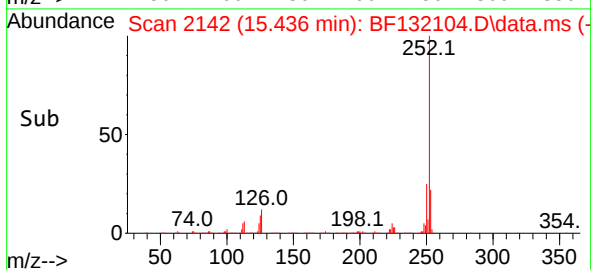
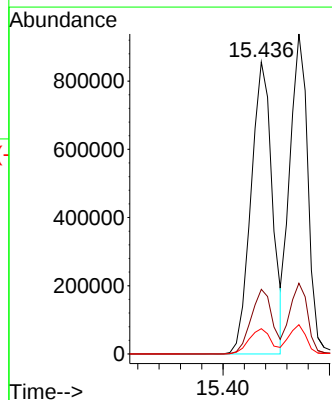
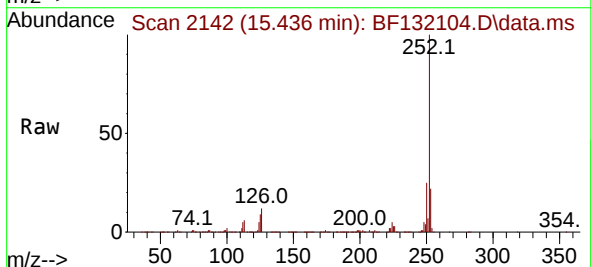
Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

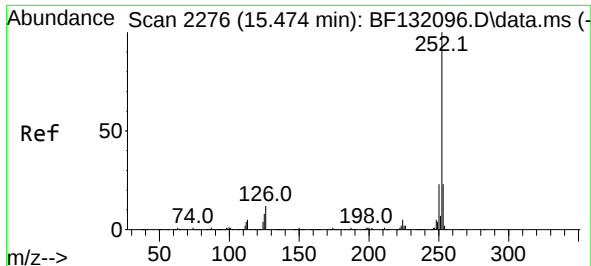
Tgt Ion:276 Resp: 1169847
 Ion Ratio Lower Upper
 276 100
 138 22.7 19.1 28.7
 277 24.9 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 47.435 ng
 RT: 15.436 min Scan# 2142
 Delta R.T. -0.003 min
 Lab File: BF132104.D
 Acq: 17 Jan 2023 20:43

Tgt Ion:252 Resp: 1190267
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 44.012 ng

RT: 15.471 min Scan# 2118

Delta R.T. -0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

Instrument :

BNA_F

ClientSampleId :

PB150083BS

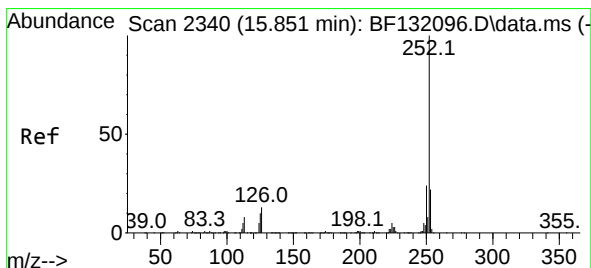
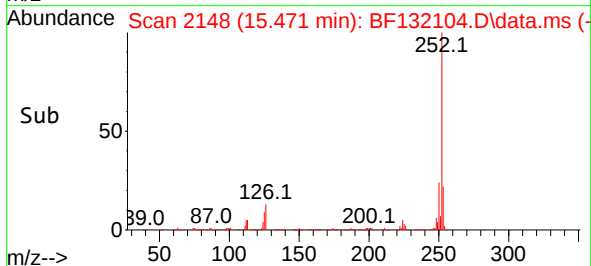
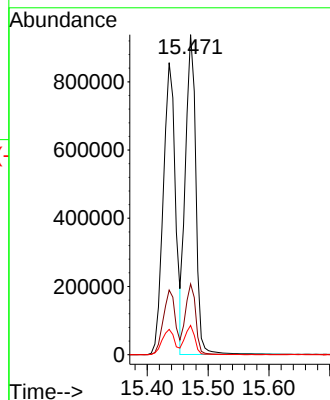
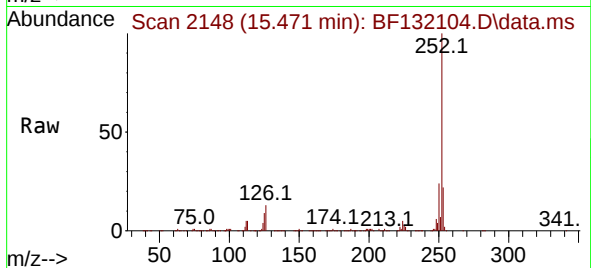
Tgt Ion:252 Resp: 1115605

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 43.775 ng

RT: 15.854 min Scan# 2213

Delta R.T. 0.003 min

Lab File: BF132104.D

Acq: 17 Jan 2023 20:43

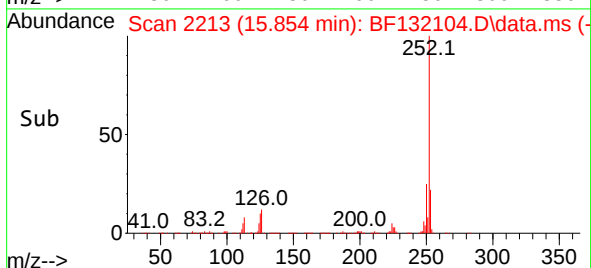
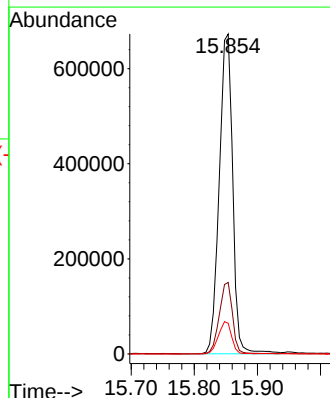
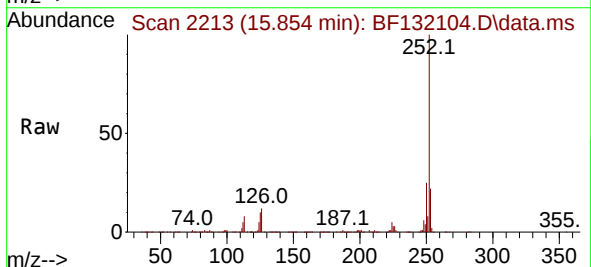
Tgt Ion:252 Resp: 994043

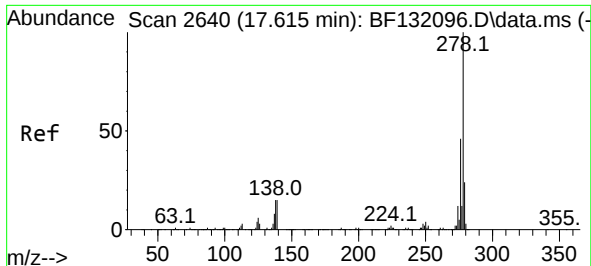
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.6 8.4 12.6

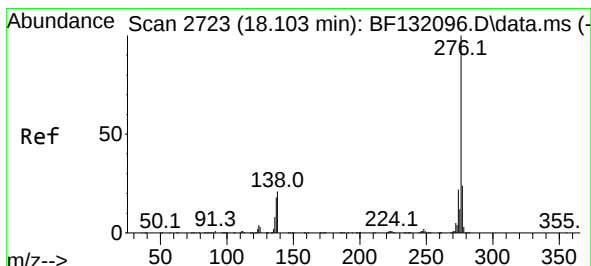
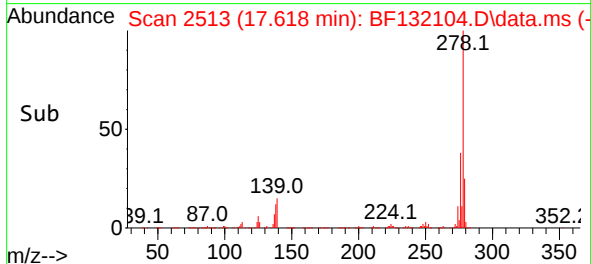
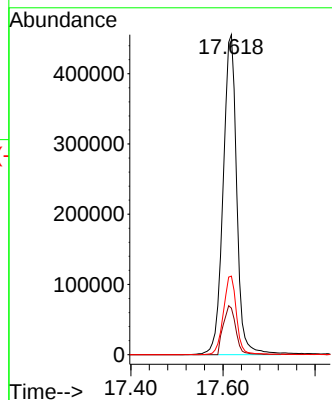
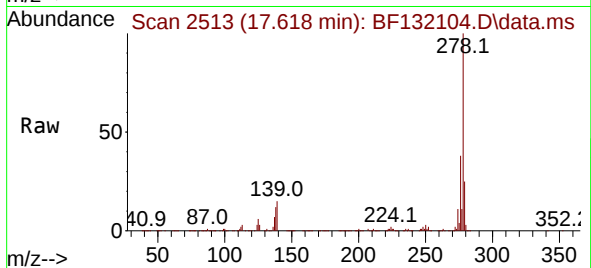




#91
Dibenzo(a,h)anthracene
Concen: 51.566 ng
RT: 17.618 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:278 Resp: 931221
Ion Ratio Lower Upper
278 100
139 14.6 12.4 18.6
279 24.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 52.055 ng
RT: 18.106 min Scan# 2596
Delta R.T. 0.003 min
Lab File: BF132104.D
Acq: 17 Jan 2023 20:43

Tgt Ion:276 Resp: 974176
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 20.7 16.8 25.2

