

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132085.D
 Acq On : 16 Jan 2023 23:44
 Operator : CG\JU
 Sample : PB150221BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BS

Quant Time: Jan 17 06:51:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	276752	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	1001799	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	537673	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	1082392	20.000	ng	0.00
76) Chrysene-d12	14.321	240	668054	20.000	ng	0.00
86) Perylene-d12	15.915	264	663623	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	1822513	118.267	ng	0.02
7) Phenol-d6	6.716	99	2325462	121.011	ng	0.00
23) Nitrobenzene-d5	7.663	82	1538192	105.095	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	791778	154.150	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	2692962	77.849	ng	0.00
79) Terphenyl-d14	13.251	244	3184954	90.587	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.181	88	276289	34.324	ng 100
3) Pyridine	3.887	79	731639	33.720	ng 99
4) n-Nitrosodimethylamine	3.857	42	372830	43.167	ng 98
6) Aniline	6.763	93	890044	32.843	ng 99
8) 2-Chlorophenol	6.881	128	779377	50.322	ng 99
9) Benzaldehyde	6.651	77	408130	30.377	ng 100
10) Phenol	6.728	94	843089	42.940	ng 95
11) bis(2-Chloroethyl)ether	6.828	93	729408	43.191	ng 99
12) 1,3-Dichlorobenzene	7.040	146	817523	44.008	ng 99
13) 1,4-Dichlorobenzene	7.116	146	826111	44.228	ng 99
14) 1,2-Dichlorobenzene	7.269	146	797762	46.682	ng 99
15) Benzyl Alcohol	7.234	79	687689	49.917	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.363	45	844180	43.950	ng 99
17) 2-Methylphenol	7.339	107	635237	44.465	ng 99
18) Hexachloroethane	7.616	117	300712	52.785	ng 95
19) n-Nitroso-di-n-propyla...	7.510	70	484683	45.076	ng 97
20) 3+4-Methylphenols	7.492	107	749407	42.407	ng # 85
22) Acetophenone	7.504	105	971973	41.691	ng 99
24) Nitrobenzene	7.681	77	801720	50.470	ng 99
25) Isophorone	7.922	82	1503238	43.744	ng 97
26) 2-Nitrophenol	7.998	139	358480	59.447	ng 93
27) 2,4-Dimethylphenol	8.022	122	710106	48.367	ng 97
28) bis(2-Chloroethoxy)met...	8.122	93	871737	43.074	ng 99
29) 2,4-Dichlorophenol	8.234	162	674967	49.414	ng 97
30) 1,2,4-Trichlorobenzene	8.322	180	741668	45.182	ng 99
31) Naphthalene	8.410	128	2105818	41.820	ng 100
32) Benzoic acid	8.145	122	482927	61.468	ng 98
33) 4-Chloroaniline	8.451	127	518923	24.372	ng 99
34) Hexachlorobutadiene	8.522	225	469870	45.567	ng 99
35) Caprolactam	8.828	113	108221	28.633	ng 94
36) 4-Chloro-3-methylphenol	8.928	107	674153	47.374	ng 95
37) 2-Methylnaphthalene	9.104	142	1412678	40.848	ng 100
38) 1-Methylnaphthalene	9.204	142	1305738	40.740	ng 100
40) 1,2,4,5-Tetrachloroben...	9.269	216	695684	40.807	ng 98
41) Hexachlorocyclopentadiene	9.257	237	877257	99.045	ng 98
43) 2,4,6-Trichlorophenol	9.375	196	505087	52.598	ng 99

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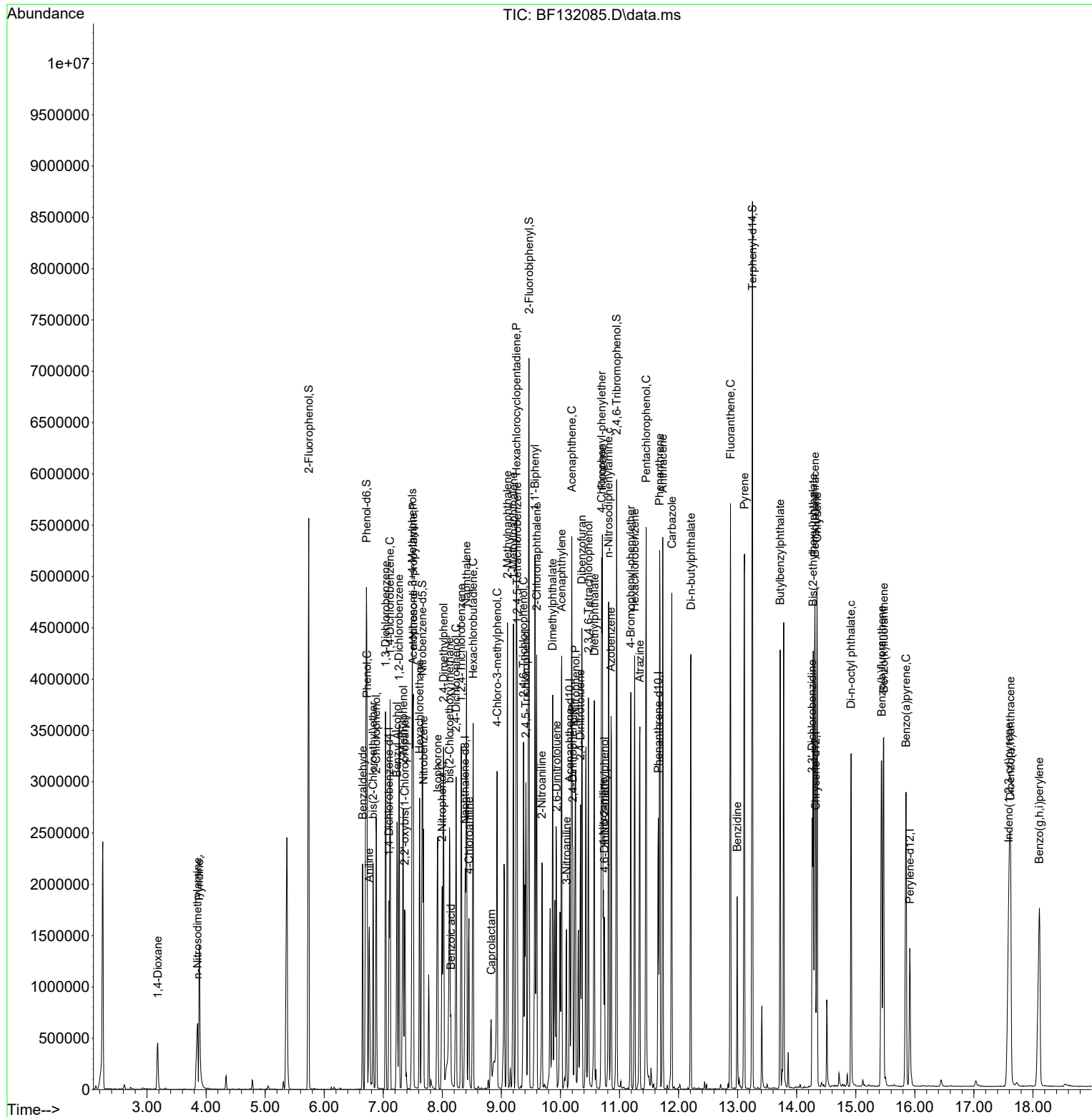
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	534223	47.566	ng	98
46) 1,1'-Biphenyl	9.569	154	1698502	41.574	ng	100
47) 2-Chloronaphthalene	9.598	162	1329239	42.242	ng	98
48) 2-Nitroaniline	9.686	65	389639	51.717	ng	97
49) Acenaphthylene	10.022	152	2120792	41.199	ng	100
50) Dimethylphthalate	9.869	163	1628082	46.991	ng	99
51) 2,6-Dinitrotoluene	9.933	165	360369	50.343	ng	87
52) Acenaphthene	10.192	154	1407517	46.483	ng	100
53) 3-Nitroaniline	10.104	138	252862	33.365	ng	91
54) 2,4-Dinitrophenol	10.210	184	350585	97.605	ng	# 7
55) Dibenzofuran	10.363	168	1861322	40.689	ng	97
56) 4-Nitrophenol	10.257	139	618082	90.349	ng	95
57) 2,4-Dinitrotoluene	10.339	165	469078	51.853	ng	95
58) Fluorene	10.710	166	1373379	40.043	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.475	232	467879	53.074	ng	98
60) Diethylphthalate	10.575	149	1554689	50.469	ng	100
61) 4-Chlorophenyl-phenyle...	10.698	204	721591	40.851	ng	98
62) 4-Nitroaniline	10.727	138	363591	47.183	ng	99
63) Azobenzene	10.857	77	1479827	40.384	ng	99
65) 4,6-Dinitro-2-methylph...	10.745	198	226760	55.538	ng	97
66) n-Nitrosodiphenylamine	10.816	169	1282361	40.466	ng	99
67) 4-Bromophenyl-phenylether	11.192	248	493272	41.856	ng	96
68) Hexachlorobenzene	11.257	284	578572	45.001	ng	93
69) Atrazine	11.345	200	550651	57.517	ng	98
70) Pentachlorophenol	11.451	266	703744	87.984	ng	100
71) Phenanthrene	11.680	178	2148107	39.318	ng	98
72) Anthracene	11.733	178	2147719	38.441	ng	99
73) Carbazole	11.886	167	2020779	40.217	ng	100
74) Di-n-butylphthalate	12.210	149	2279877	43.952	ng	99
75) Fluoranthene	12.880	202	2424528	39.426	ng	99
77) Benzidine	12.992	184	630736	56.336	ng	98
78) Pyrene	13.116	202	2445644	44.266	ng	100
80) Butylbenzylphthalate	13.721	149	878539	62.190	ng	99
81) Benzo(a)anthracene	14.310	228	1980651	43.528	ng	99
82) 3,3'-Dichlorobenzidine	14.263	252	492193	40.909	ng	99
83) Chrysene	14.345	228	1814351	42.459	ng	99
84) Bis(2-ethylhexyl)phtha...	14.280	149	1175656	60.924	ng	98
85) Di-n-octyl phthalate	14.921	149	1728151	61.962	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.592	276	2093914	50.217	ng	98
88) Benzo(b)fluoranthene	15.439	252	1890069	46.418	ng	99
89) Benzo(k)fluoranthene	15.474	252	1799368	45.134	ng	99
90) Benzo(a)pyrene	15.851	252	1665921	43.896	ng	99
91) Dibenzo(a,h)anthracene	17.621	278	1713335	50.624	ng	98
92) Benzo(g,h,i)perylene	18.109	276	1768812	50.523	ng	98

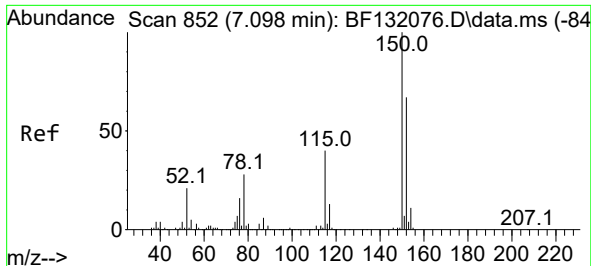
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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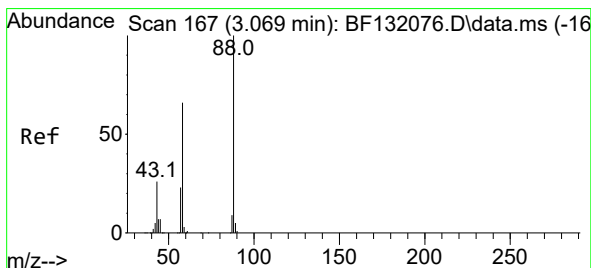
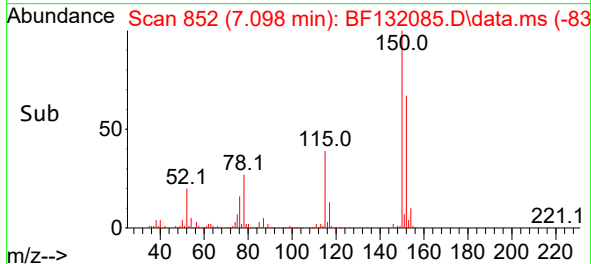
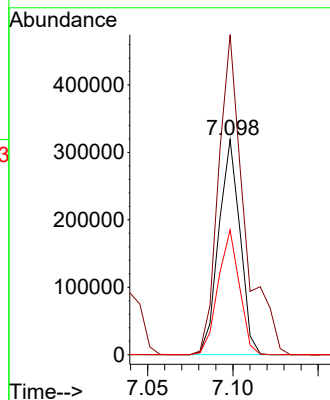
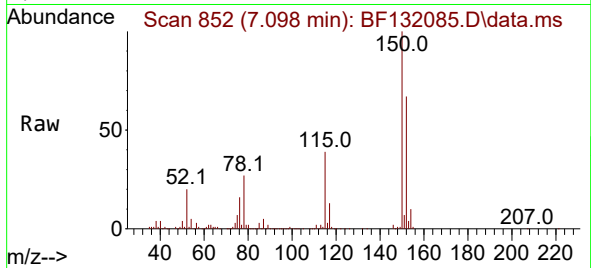




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.098 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF132085.D
 Acq: 16 Jan 2023 23:44

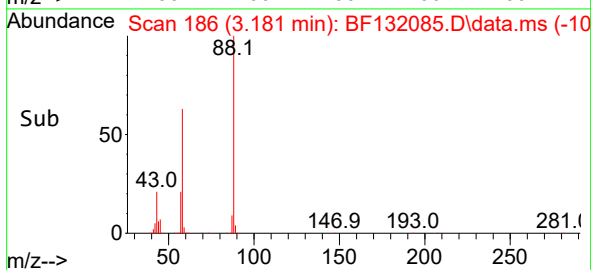
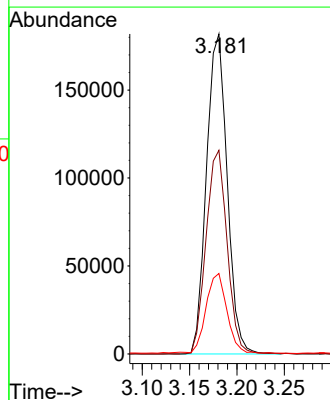
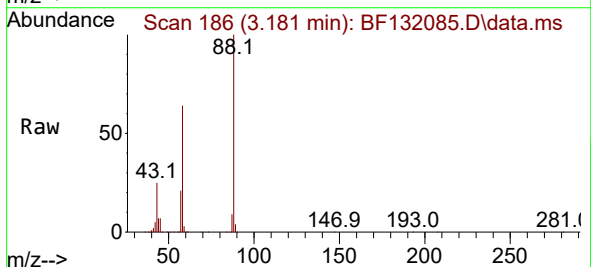
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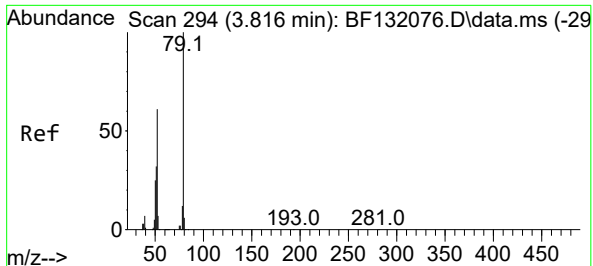
Tgt Ion:152 Resp: 276752
 Ion Ratio Lower Upper
 152 100
 150 148.7 118.6 178.0
 115 57.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 34.324 ng
 RT: 3.181 min Scan# 186
 Delta R.T. 0.112 min
 Lab File: BF132085.D
 Acq: 16 Jan 2023 23:44

Tgt Ion: 88 Resp: 276289
 Ion Ratio Lower Upper
 88 100
 58 64.8 51.8 77.8
 43 25.7 20.0 30.0





#3

Pyridine

Concen: 33.720 ng

RT: 3.887 min Scan# 306

Delta R.T. 0.071 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

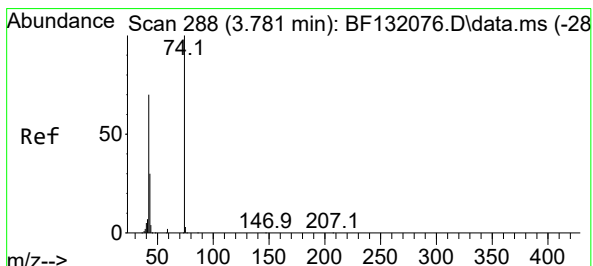
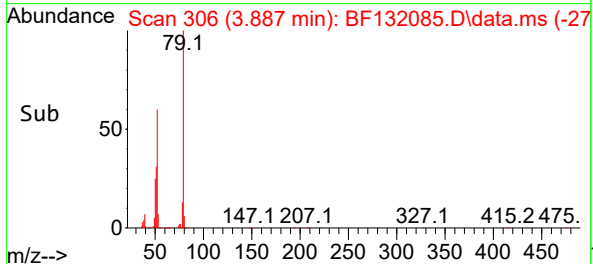
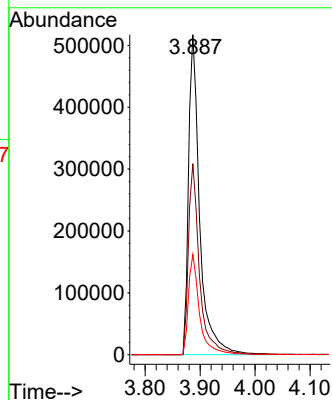
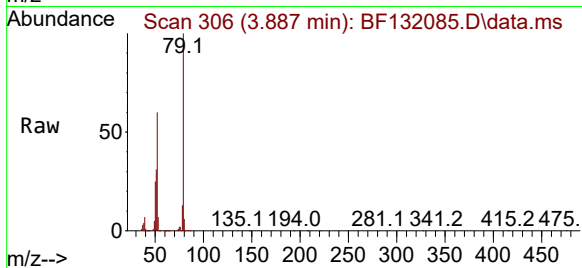
Tgt Ion: 79 Resp: 731639

Ion Ratio Lower Upper

79 100

52 59.7 48.6 73.0

51 31.3 25.5 38.3



#4

n-Nitrosodimethylamine

Concen: 43.167 ng

RT: 3.857 min Scan# 301

Delta R.T. 0.076 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

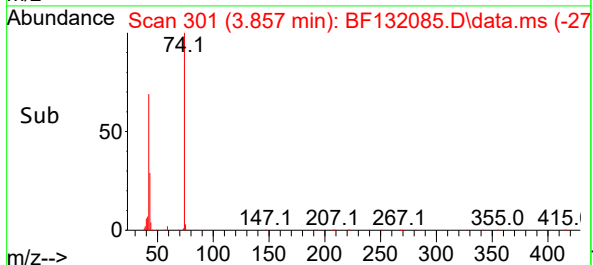
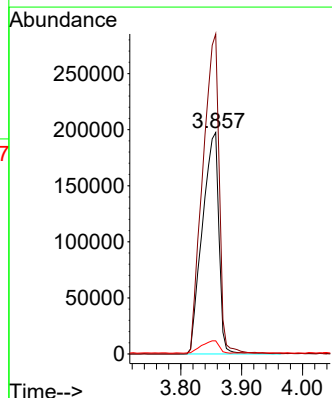
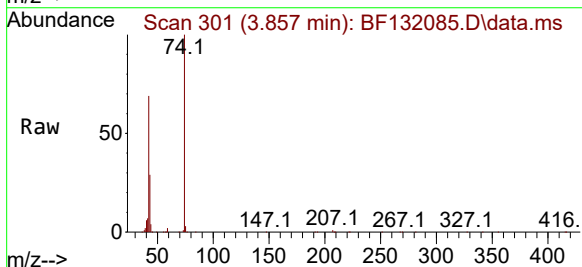
Tgt Ion: 42 Resp: 372830

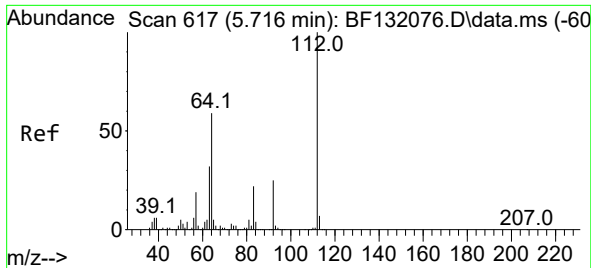
Ion Ratio Lower Upper

42 100

74 144.5 113.5 170.3

44 5.9 5.8 8.6

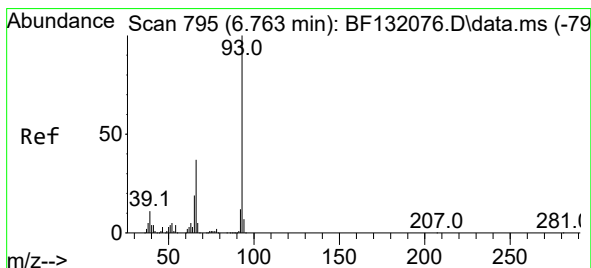
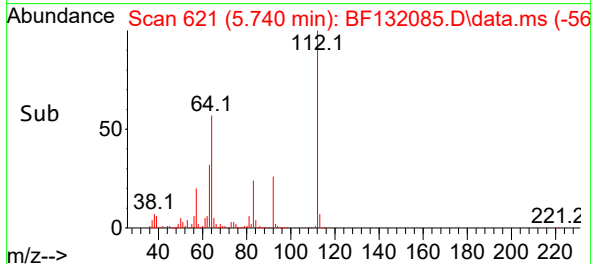
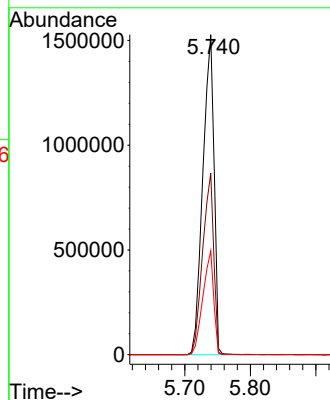
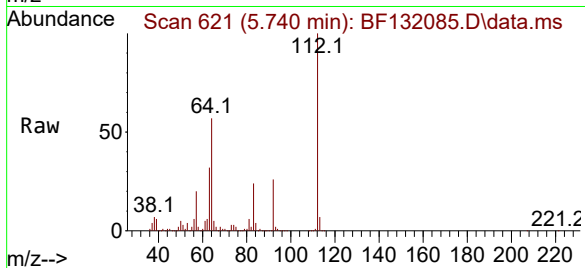




#5
2-Fluorophenol
Concen: 118.267 ng
RT: 5.740 min Scan# 617
Delta R.T. 0.023 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

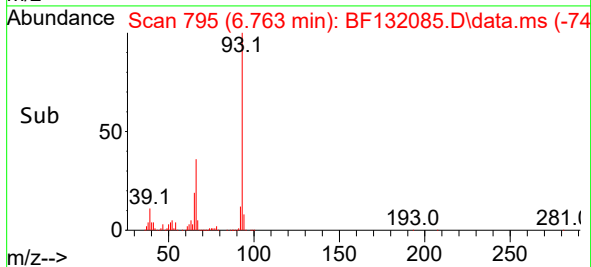
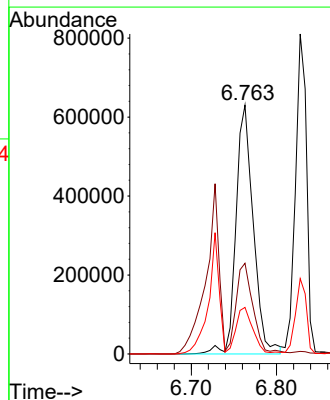
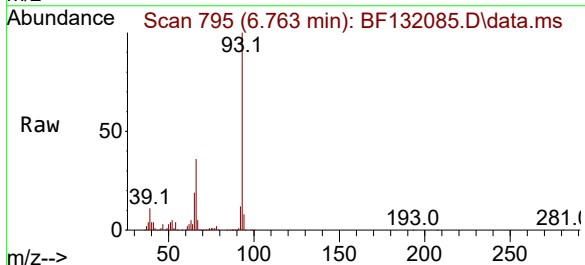
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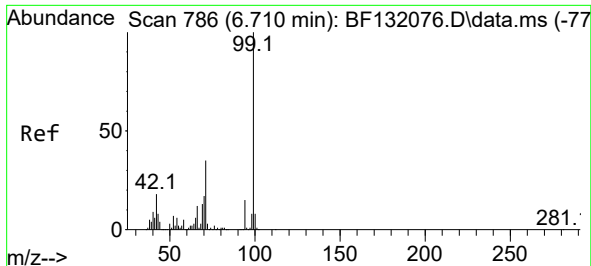
Tgt Ion:112 Resp: 1822513
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 32.5 25.6 38.4



#6
Aniline
Concen: 32.843 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 93 Resp: 890044
Ion Ratio Lower Upper
93 100
66 36.5 29.8 44.8
65 18.7 15.4 23.0

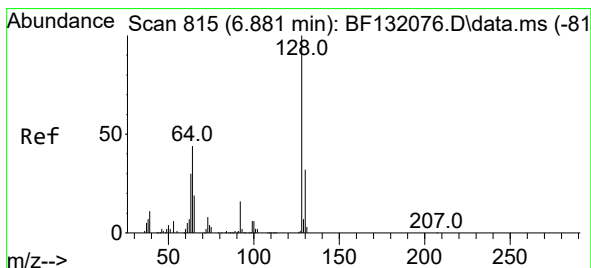
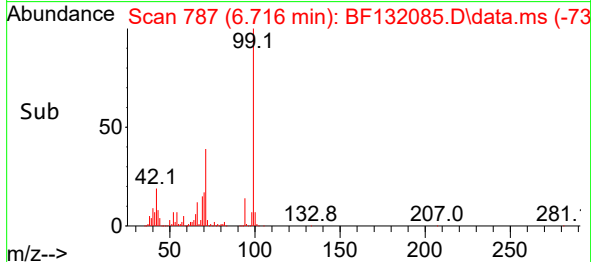
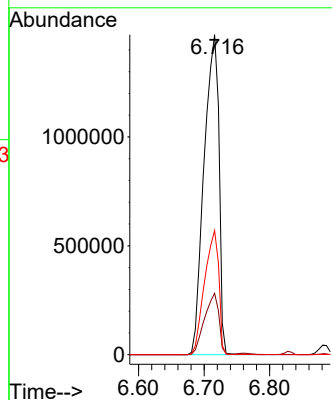
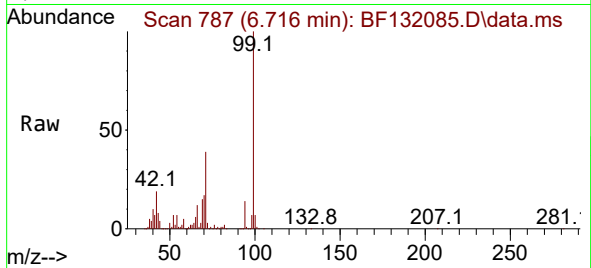




#7
Phenol-d6
Concen: 121.011 ng
RT: 6.716 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

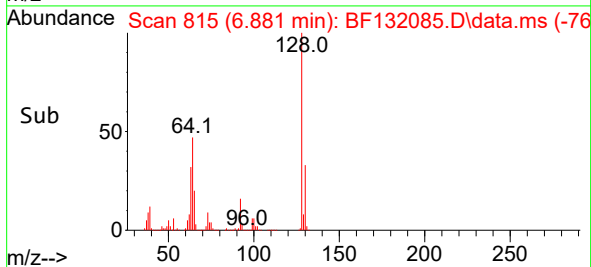
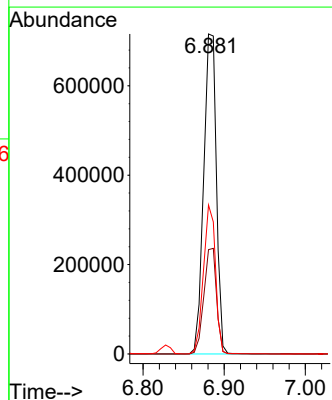
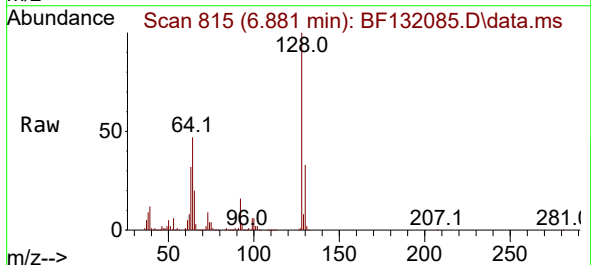
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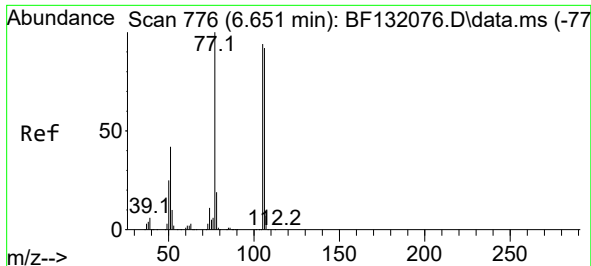
Tgt Ion: 99 Resp: 2325462
Ion Ratio Lower Upper
99 100
42 19.2 14.0 21.0
71 38.8 28.2 42.4



#8
2-Chlorophenol
Concen: 50.322 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:128 Resp: 779377
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 46.5 25.4 65.4

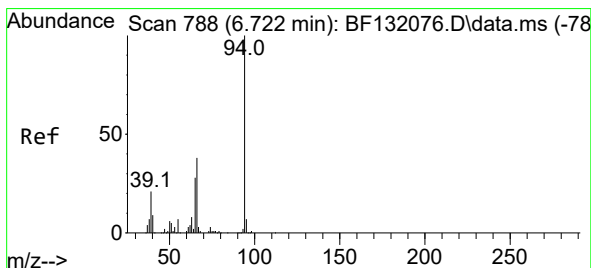
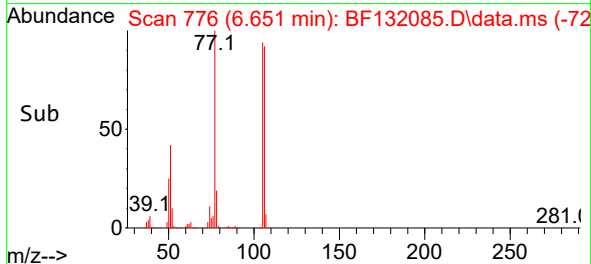
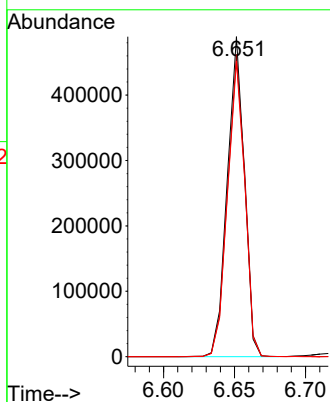
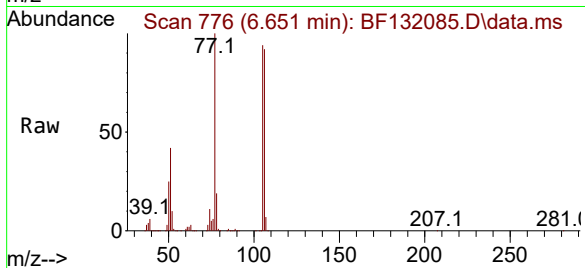




#9
Benzaldehyde
Concen: 30.377 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF132085.D
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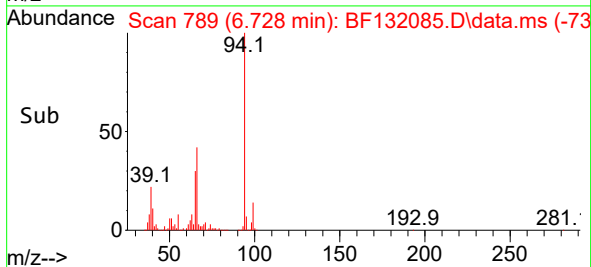
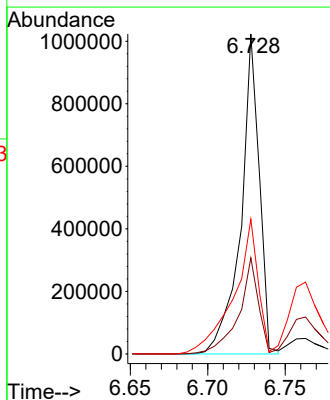
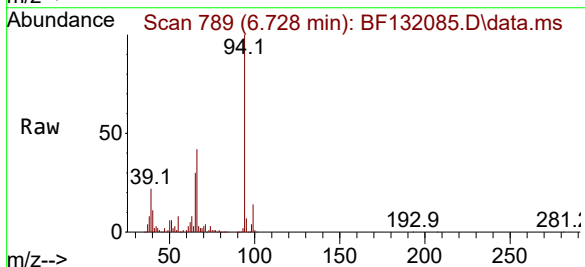
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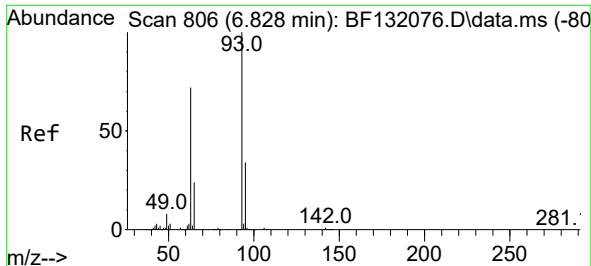
Tgt Ion: 77 Resp: 408130
Ion Ratio Lower Upper
77 100
105 94.4 74.3 114.3
106 92.3 71.9 111.9



#10
Phenol
Concen: 42.940 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 94 Resp: 843089
Ion Ratio Lower Upper
94 100
65 30.0 8.6 48.6
66 42.1 18.5 58.5

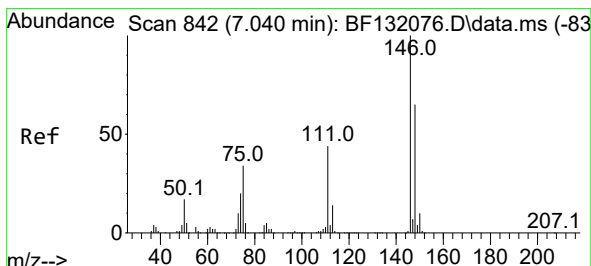
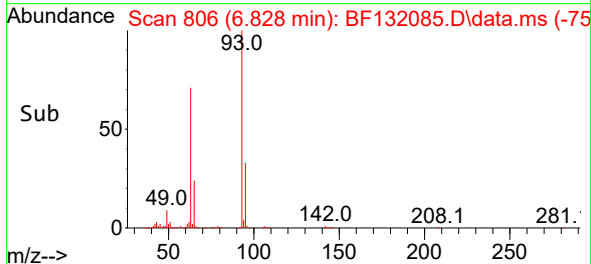
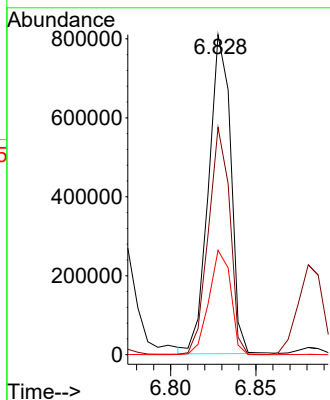
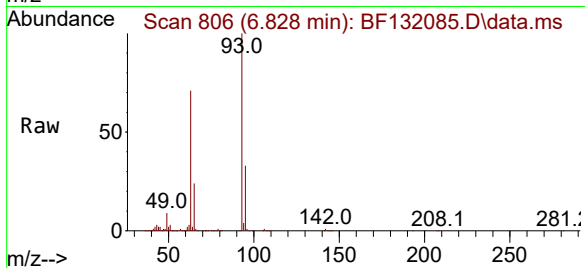




#11
bis(2-Chloroethyl)ether
Concen: 43.191 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

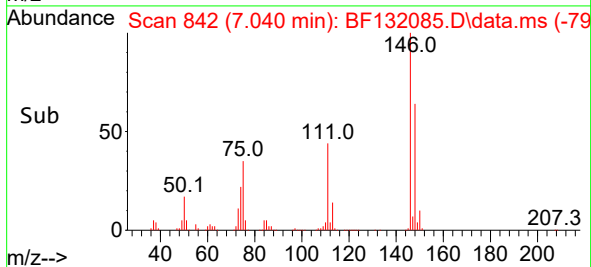
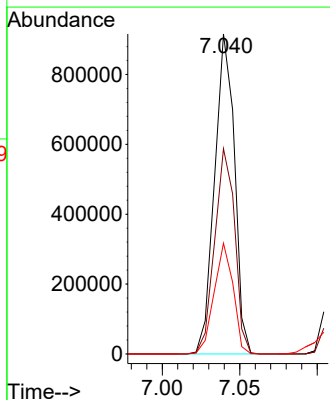
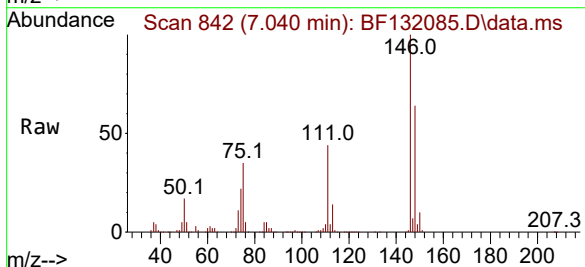
Instrument :
BNA_F
ClientSampleId :
PB150221BS

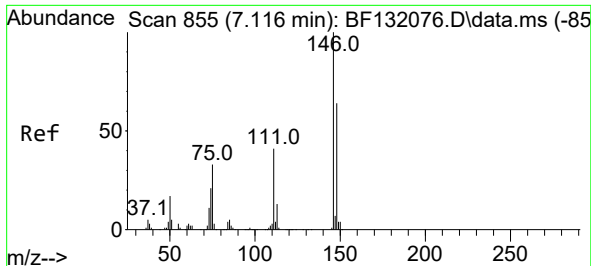
Tgt Ion: 93 Resp: 729408
Ion Ratio Lower Upper
93 100
63 71.0 51.3 91.3
95 32.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.008 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:146 Resp: 817523
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 34.6 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 44.228 ng

RT: 7.116 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

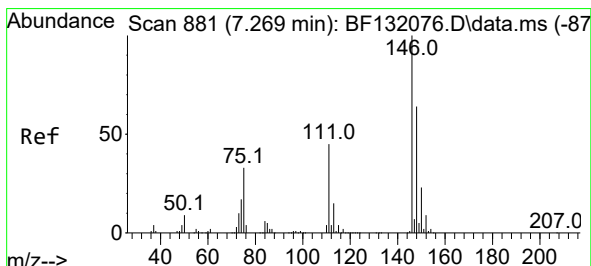
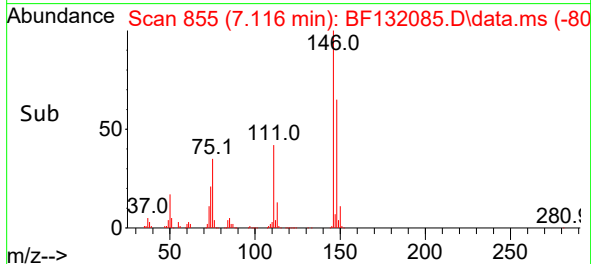
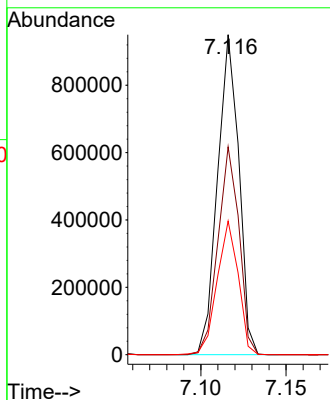
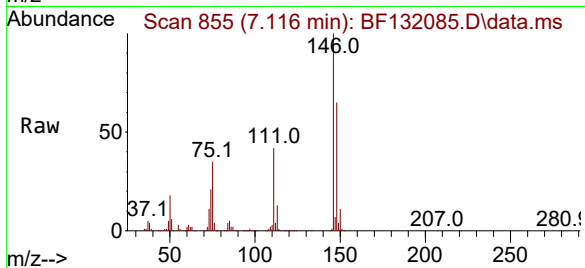
Tgt Ion:146 Resp: 826111

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

111 41.8 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 46.682 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

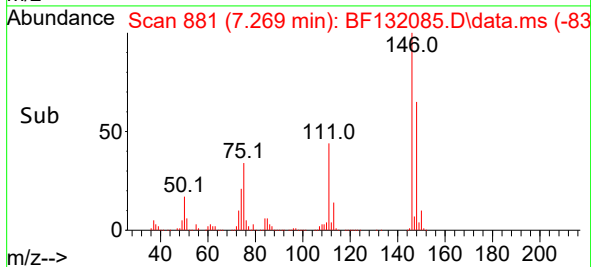
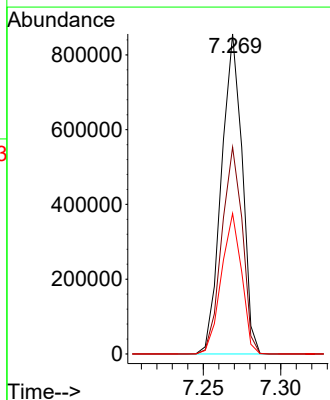
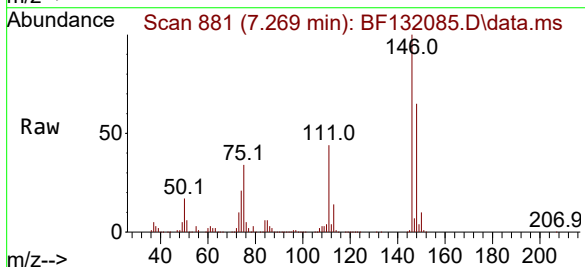
Tgt Ion:146 Resp: 797762

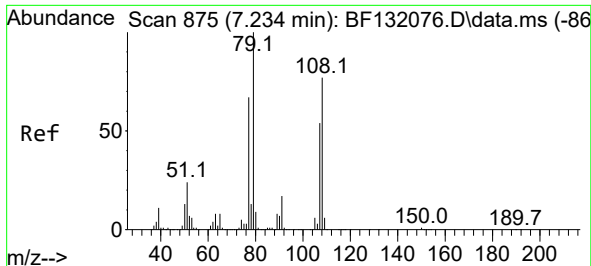
Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 43.9 35.6 53.4

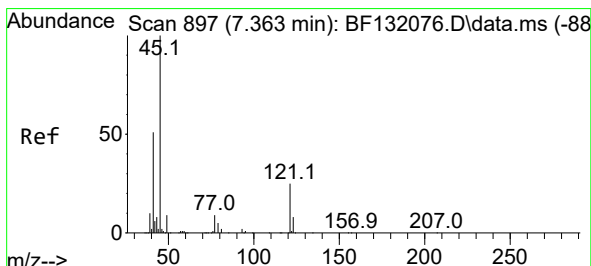
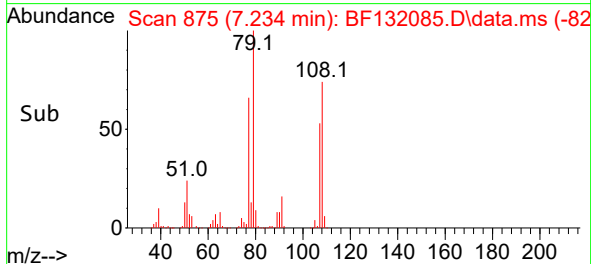
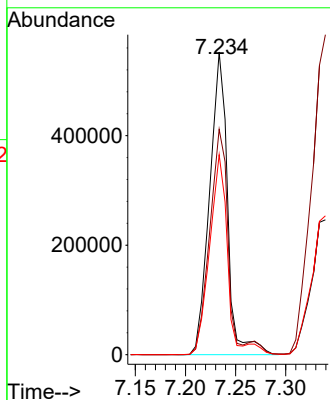
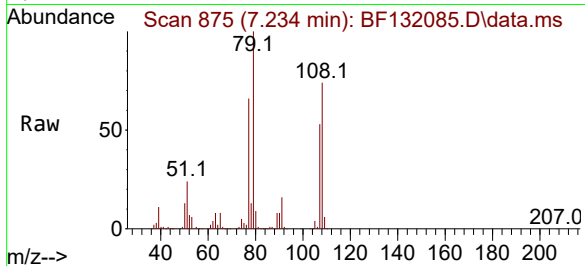




#15
Benzyl Alcohol
Concen: 49.917 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

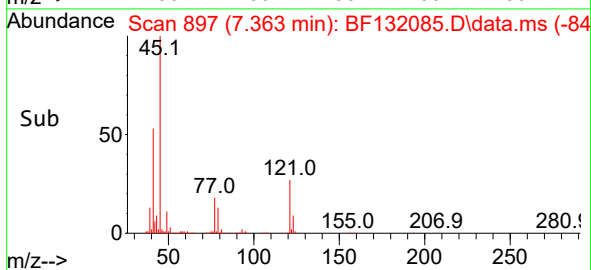
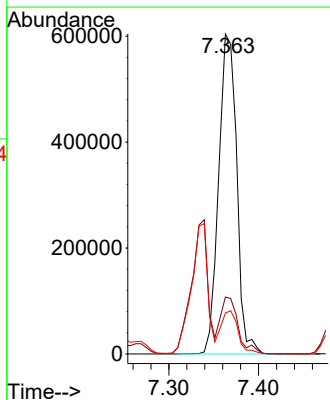
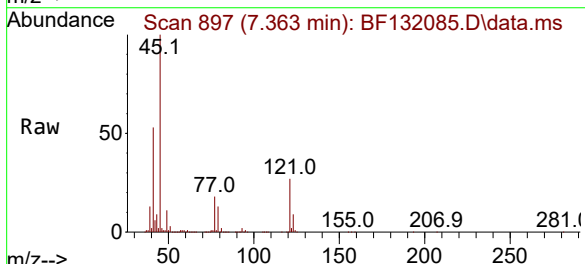
Instrument :
BNA_F
ClientSampleId :
PB150221BS

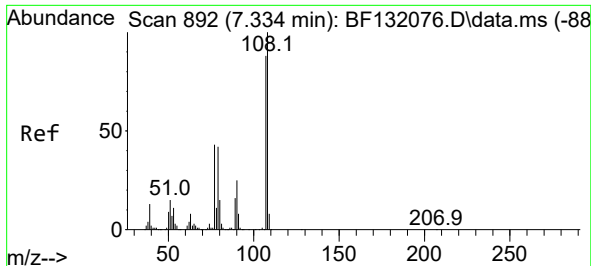
Tgt Ion: 79 Resp: 687689
Ion Ratio Lower Upper
79 100
108 74.4 61.4 92.0
77 66.0 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.950 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 45 Resp: 844180
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.8
79 12.8 0.0 32.8

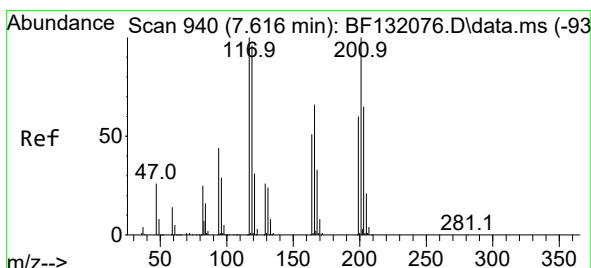
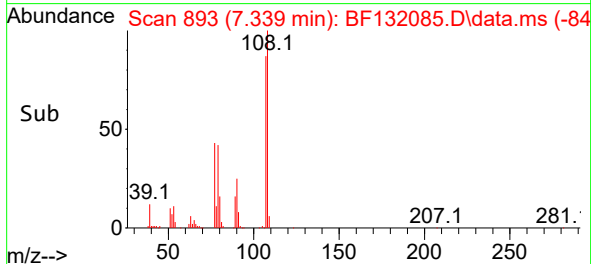
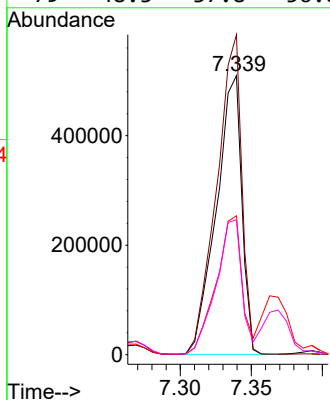
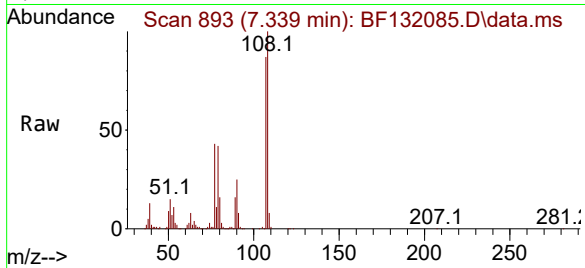




#17
2-Methylphenol
Concen: 44.465 ng
RT: 7.339 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

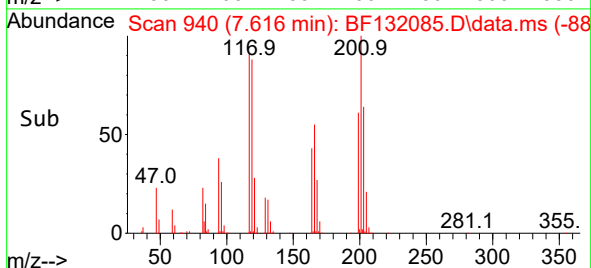
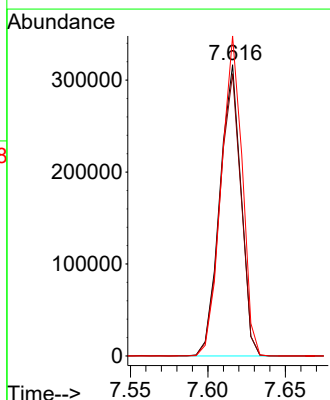
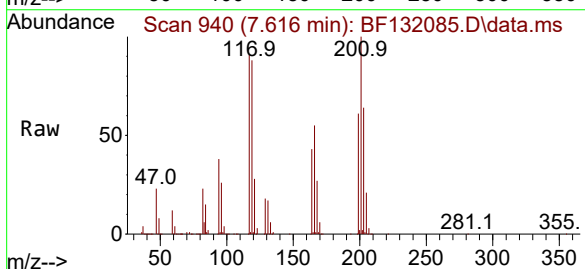
Instrument :
BNA_F
ClientSampleId :
PB150221BS

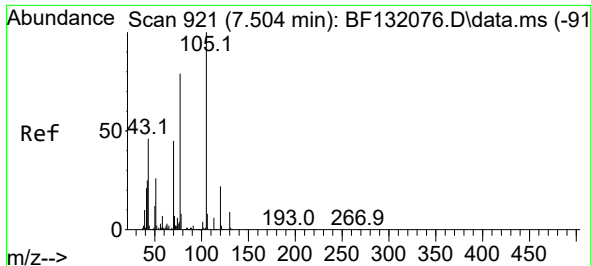
Tgt Ion:107 Resp: 635237
Ion Ratio Lower Upper
107 100
108 114.7 90.5 135.7
77 49.8 39.1 58.7
79 48.3 37.8 56.8



#18
Hexachloroethane
Concen: 52.785 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:117 Resp: 300712
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 109.9 80.2 120.4

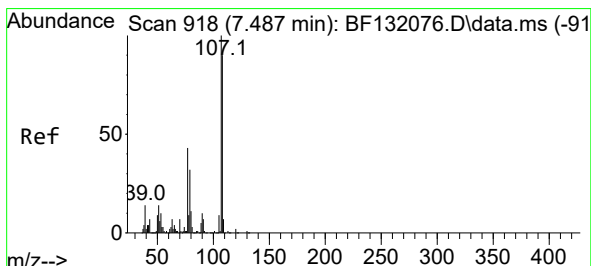
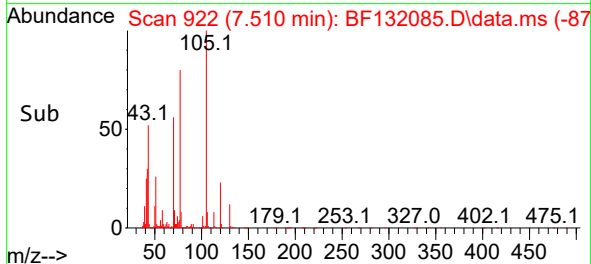
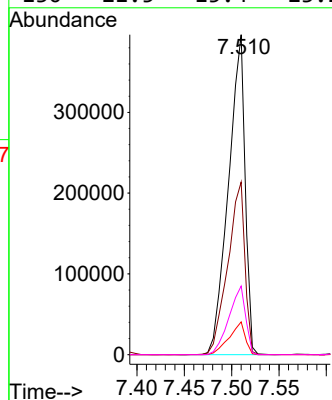
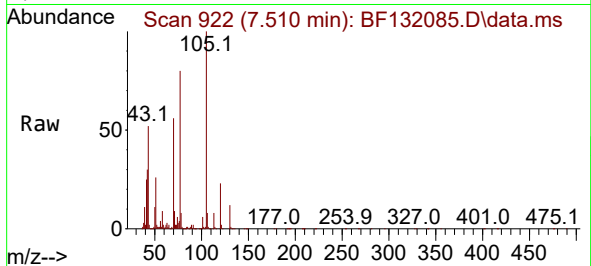




#19
n-Nitroso-di-n-propylamine
Concen: 45.076 ng
RT: 7.510 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

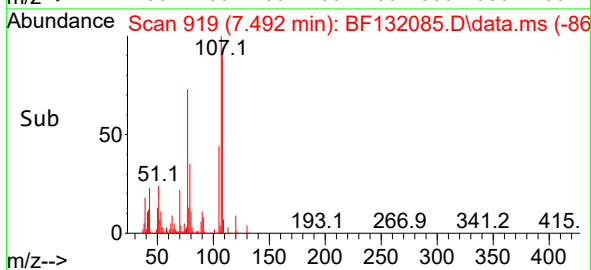
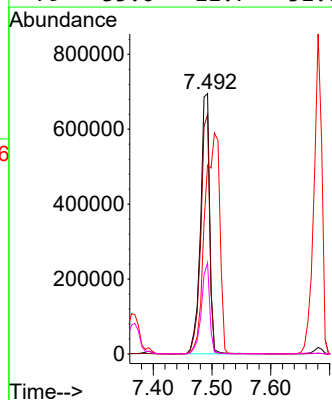
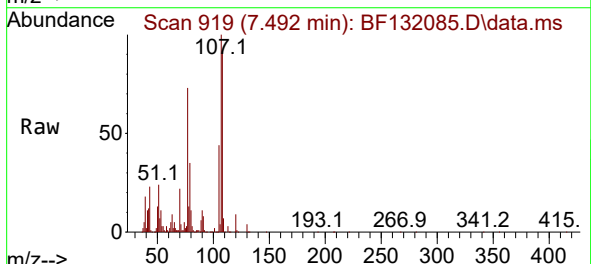
Instrument :
BNA_F
ClientSampleId :
PB150221BS

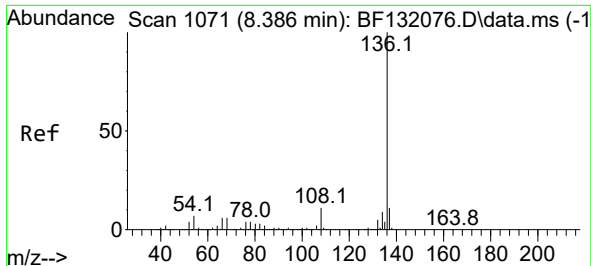
Tgt Ion: 70 Resp: 484683
Ion Ratio Lower Upper
70 100
42 54.0 44.2 66.4
101 10.3 7.4 11.0
130 21.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.407 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 107 Resp: 749407
Ion Ratio Lower Upper
107 100
108 92.0 69.6 109.6
77 72.6 23.0 63.0#
79 35.0 11.7 51.7

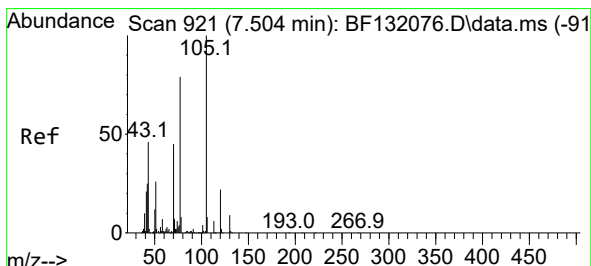
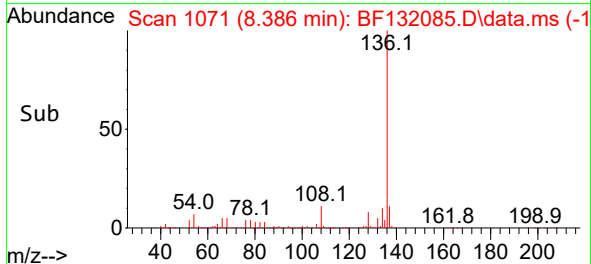
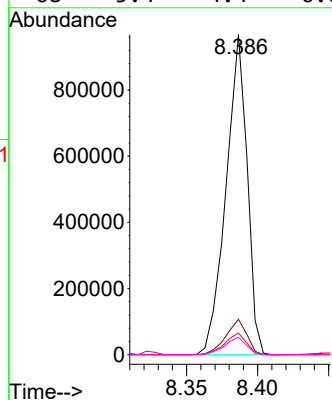
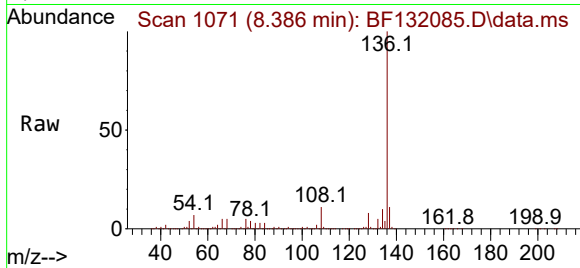




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

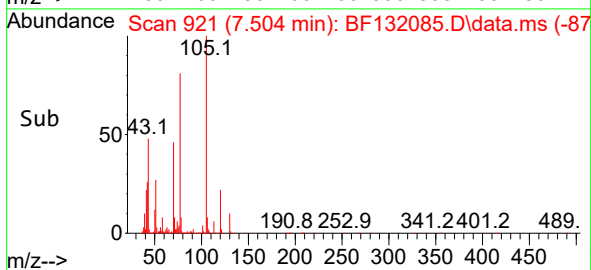
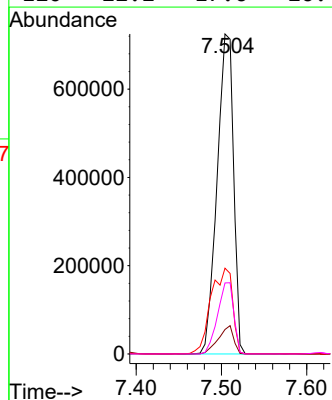
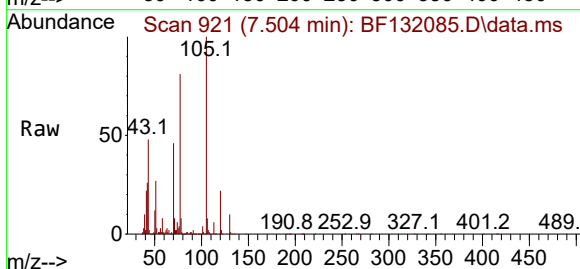
Instrument :
BNA_F
ClientSampleId :
PB150221BS

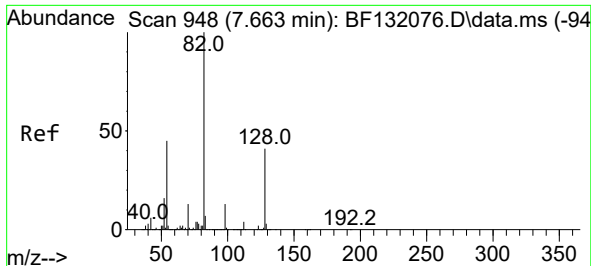
Tgt Ion:136 Resp: 1001799
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 5.3 7.9
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 41.691 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:105 Resp: 971973
Ion Ratio Lower Upper
105 100
71 7.7 5.8 8.8
51 26.8 21.1 31.7
120 22.2 17.6 26.4

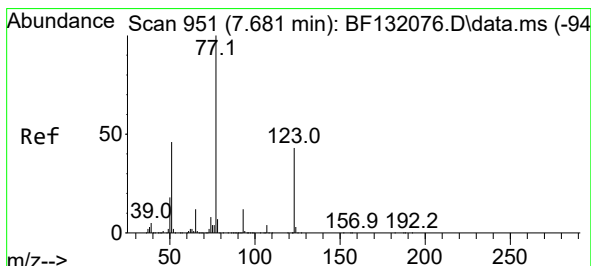
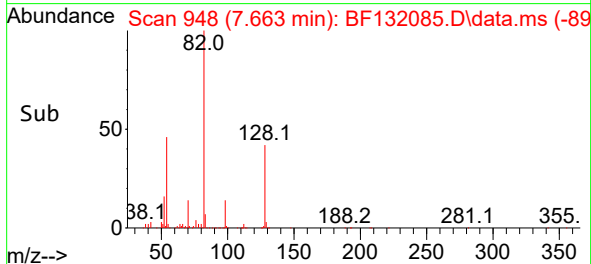
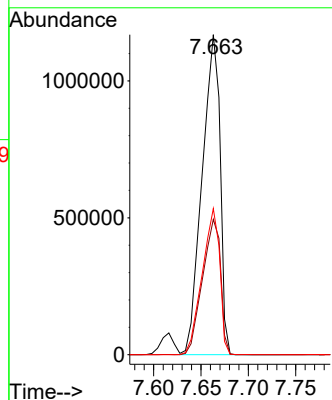
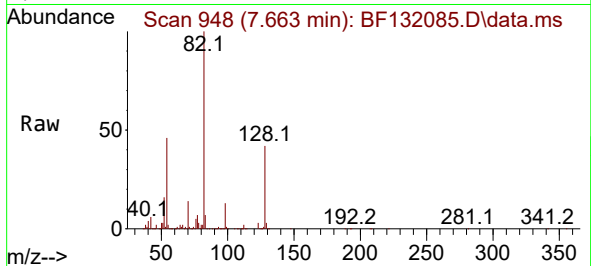




#23
Nitrobenzene-d5
Concen: 105.095 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

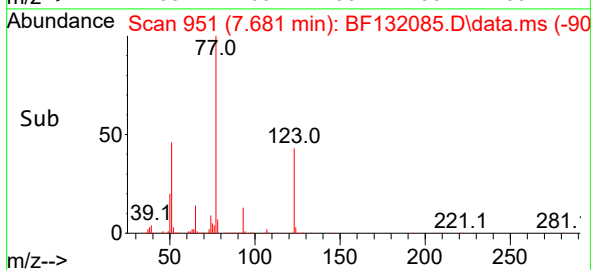
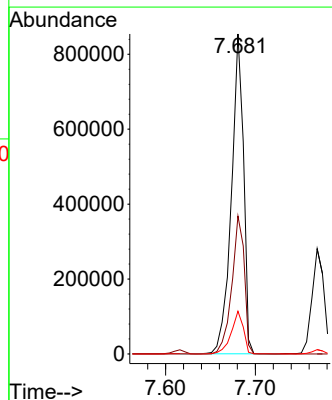
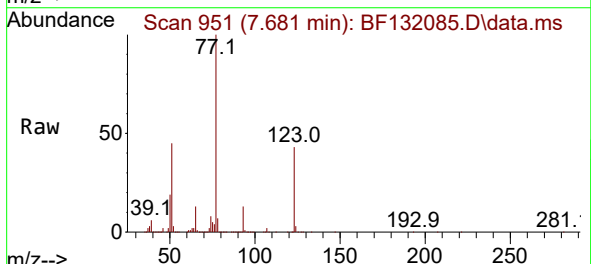
Instrument :
BNA_F
ClientSampleId :
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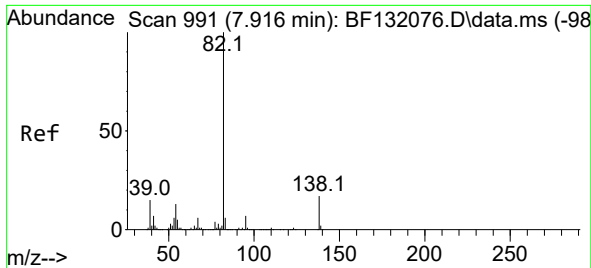
Tgt Ion: 82 Resp: 1538192
Ion Ratio Lower Upper
82 100
128 42.3 32.6 48.8
54 45.6 36.0 54.0



#24
Nitrobenzene
Concen: 50.470 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 77 Resp: 801720
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 13.4 10.0 15.0

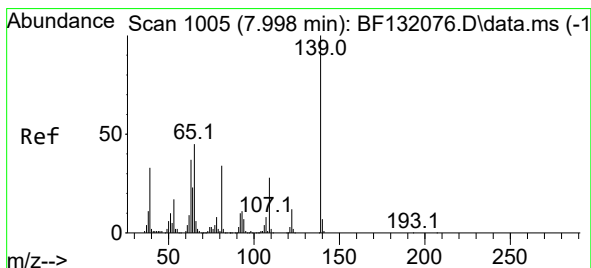
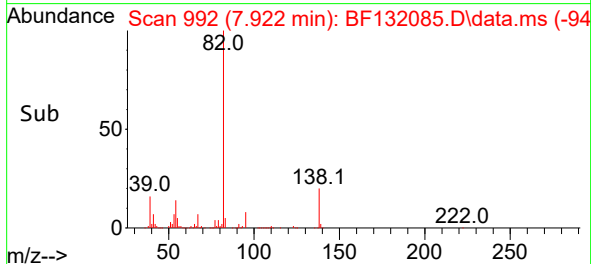
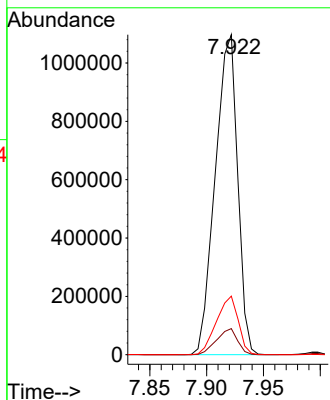
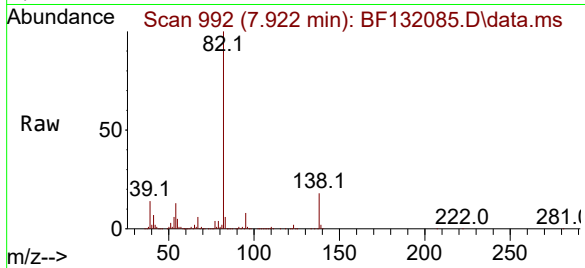




#25
Isophorone
Concen: 43.744 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

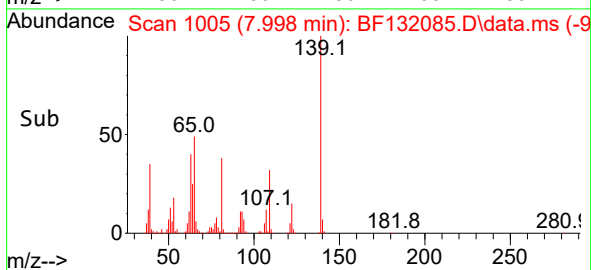
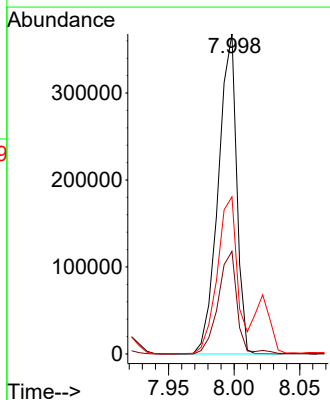
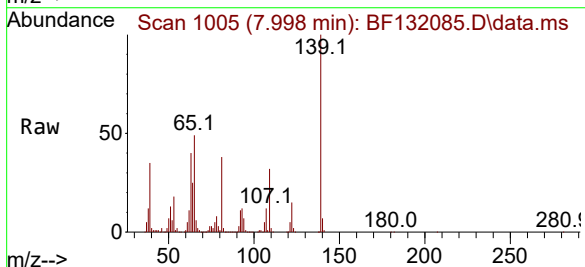
Instrument :
BNA_F
ClientSampleId :
PB150221BS

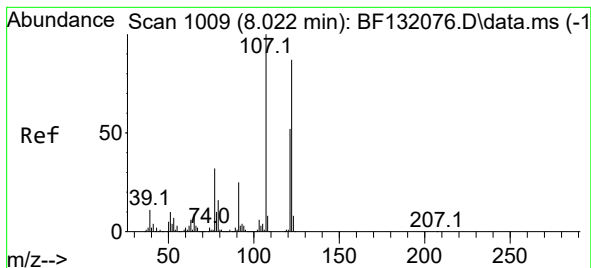
Tgt Ion: 82 Resp: 1503238
Ion Ratio Lower Upper
82 100
95 8.1 5.9 8.9
138 18.3 13.4 20.0



#26
2-Nitrophenol
Concen: 59.447 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:139 Resp: 358480
Ion Ratio Lower Upper
139 100
109 32.0 22.2 33.2
65 49.1 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 48.367 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

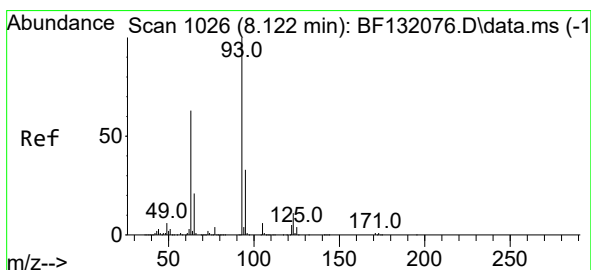
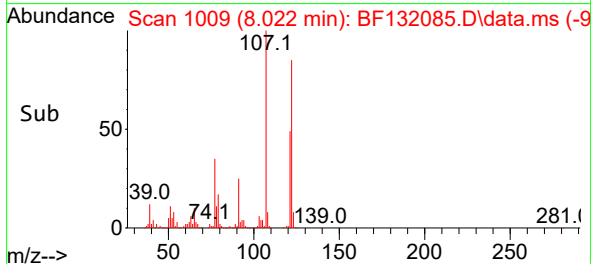
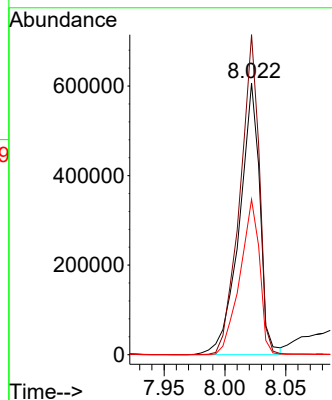
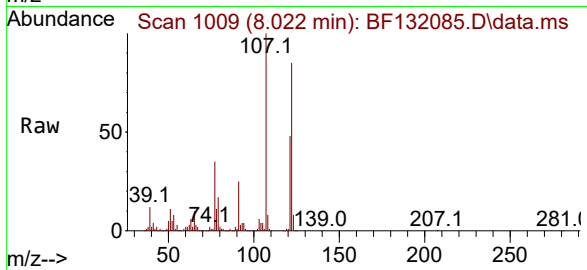
Tgt Ion:122 Resp: 710106

Ion Ratio Lower Upper

122 100

107 117.8 92.3 138.5

121 57.1 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.074 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

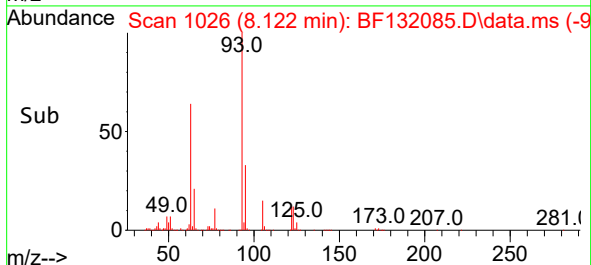
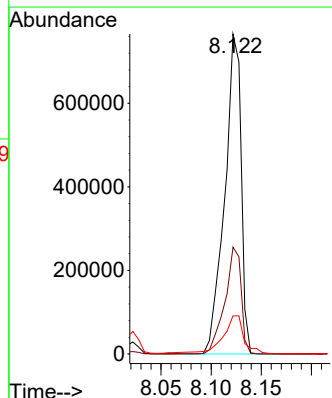
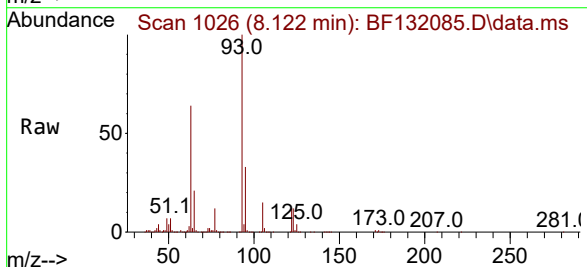
Tgt Ion: 93 Resp: 871737

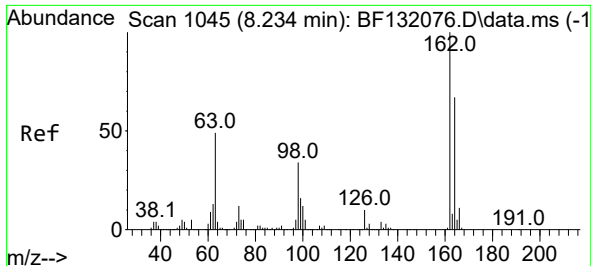
Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

123 11.9 9.3 13.9

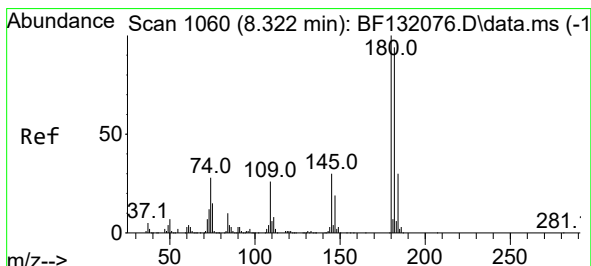
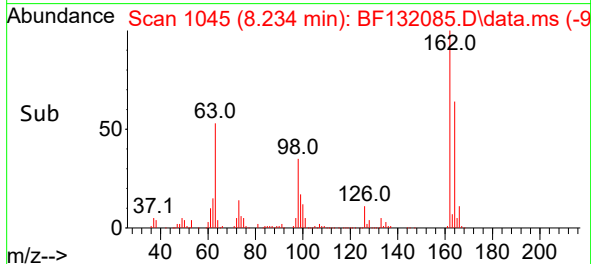
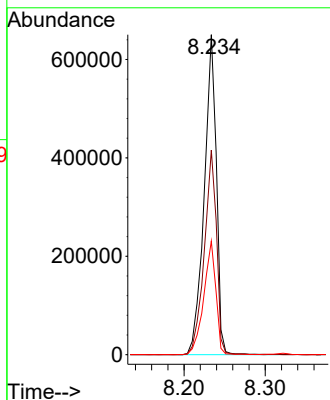
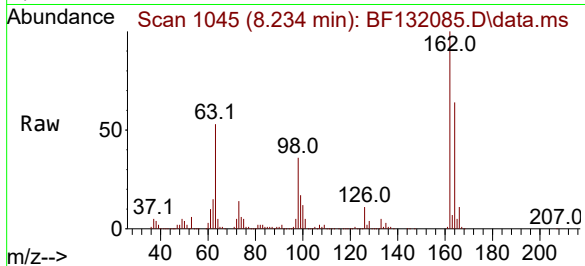




#29
2,4-Dichlorophenol
Concen: 49.414 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

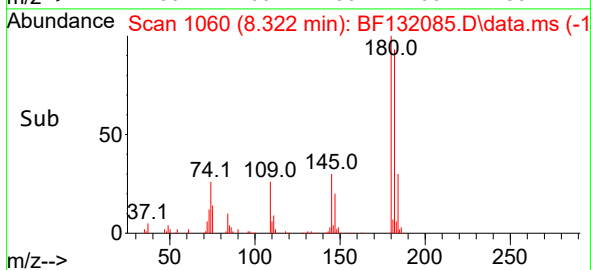
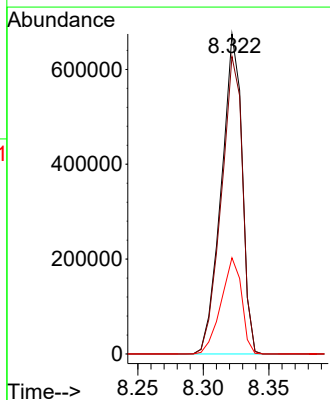
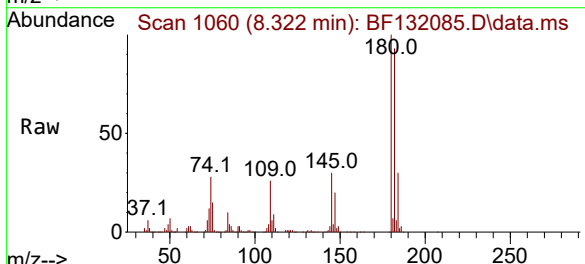
Instrument :
BNA_F
ClientSampleId :
PB150221BS

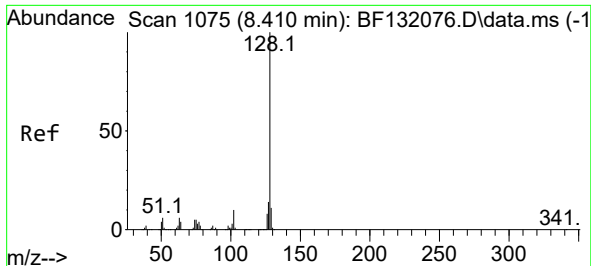
Tgt Ion:162 Resp: 674967
Ion Ratio Lower Upper
162 100
164 63.9 46.8 86.8
98 35.5 14.1 54.1



#30
1,2,4-Trichlorobenzene
Concen: 45.182 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:180 Resp: 741668
Ion Ratio Lower Upper
180 100
182 92.9 75.1 112.7
145 30.1 23.8 35.8

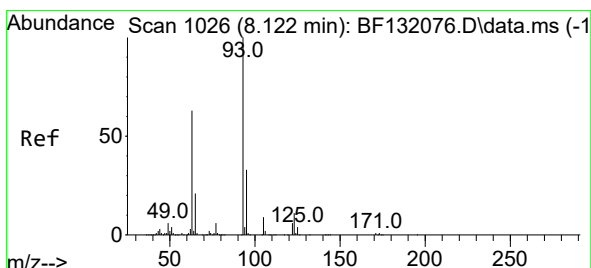
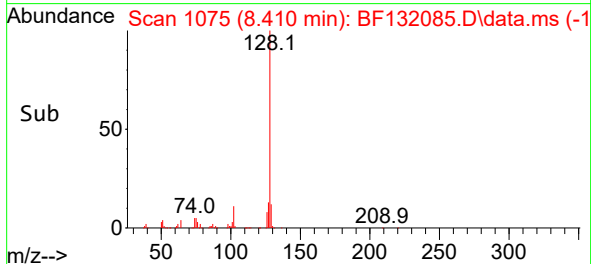
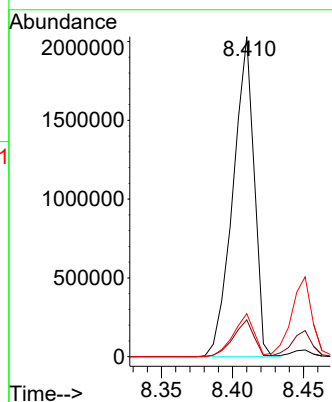
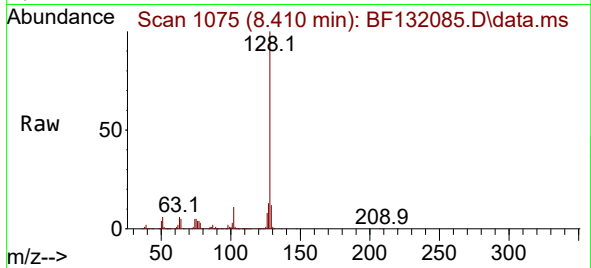




#31
Naphthalene
Concen: 41.820 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

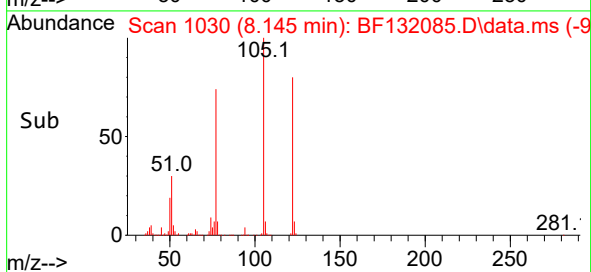
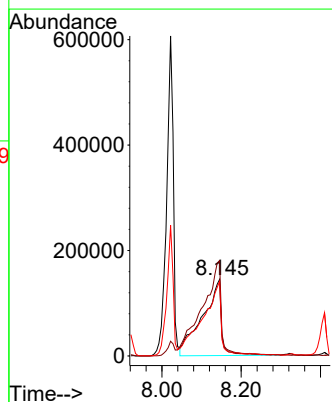
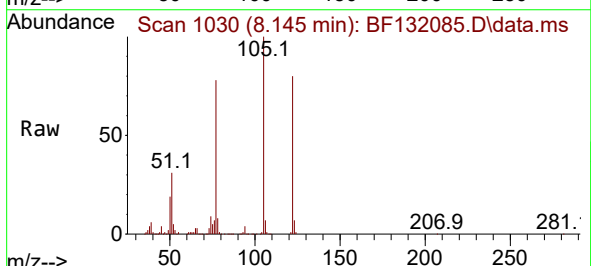
Instrument :
BNA_F
ClientSampleId :
PB150221BS

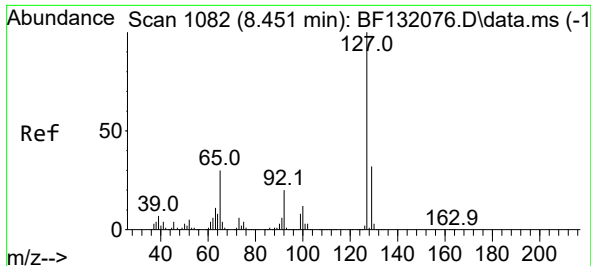
Tgt Ion:128 Resp: 2105818
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 61.468 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.023 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:122 Resp: 482927
Ion Ratio Lower Upper
122 100
105 124.4 105.1 145.1
77 97.6 74.0 114.0

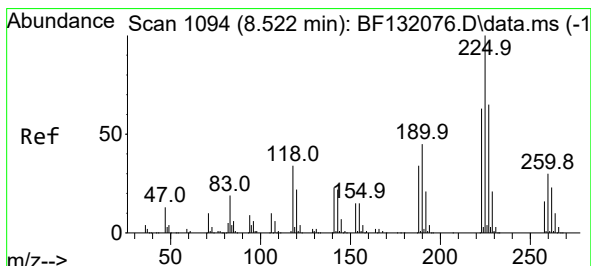
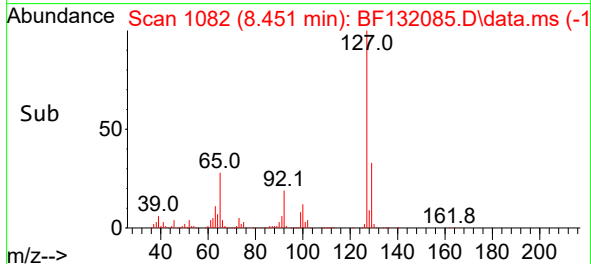
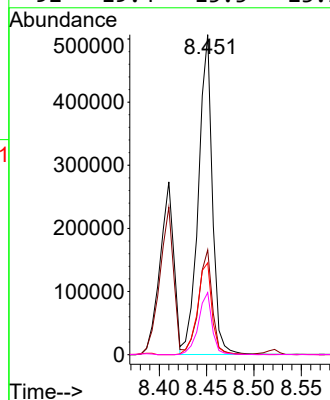
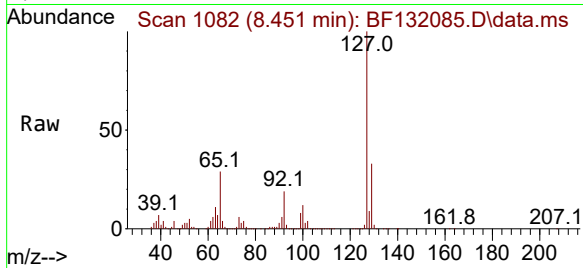




#33
4-Chloroaniline
Concen: 24.372 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

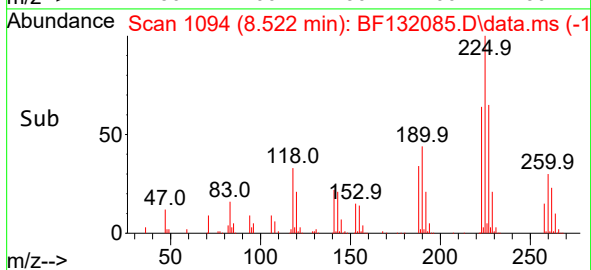
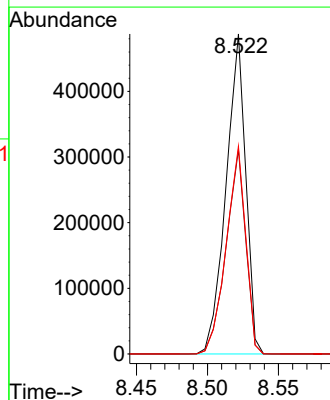
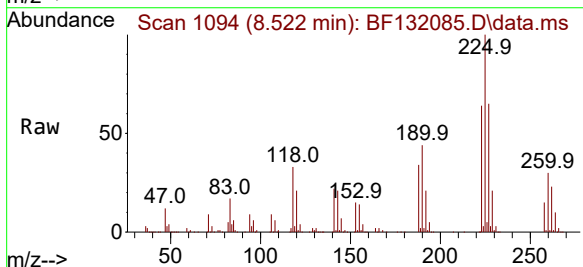
Instrument :
BNA_F
ClientSampleId :
PB150221BS

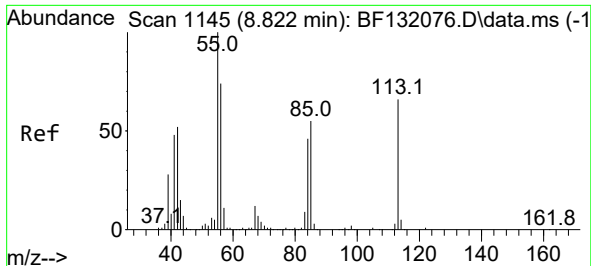
Tgt Ion:	127	Resp:	518923
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.7	24.2	36.2
92	19.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 45.567 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:	225	Resp:	469870
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	65.0	52.1	78.1

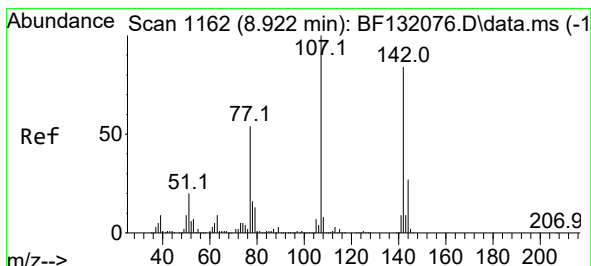
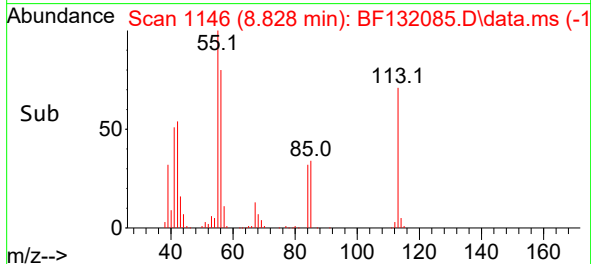
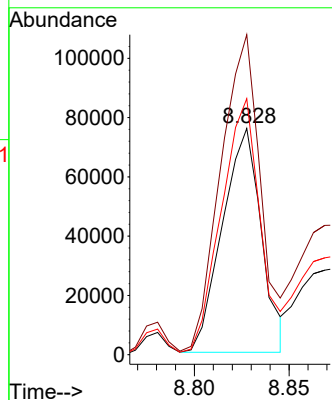
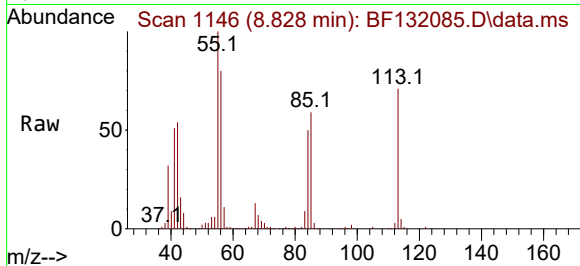




#35
 Caprolactam
 Concen: 28.633 ng
 RT: 8.828 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: BF132085.D
 Acq: 16 Jan 2023 23:44

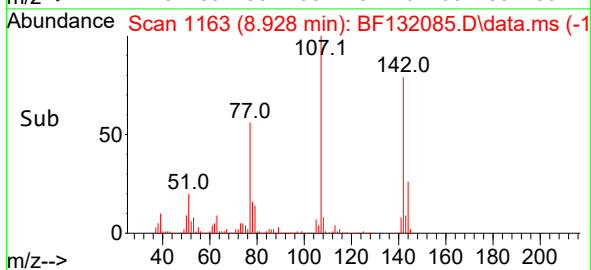
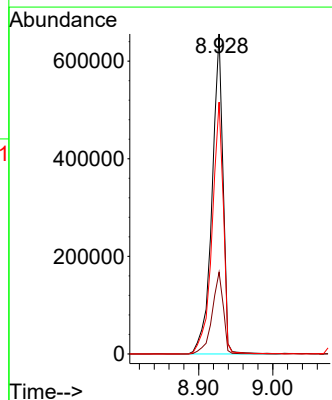
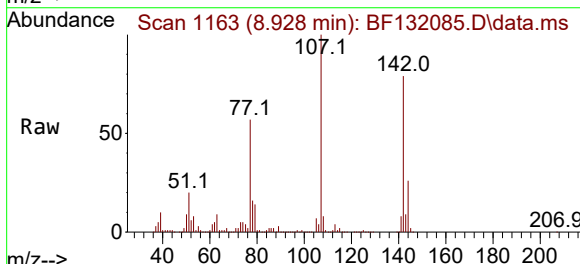
Instrument :
 BNA_F
 ClientSampleId :
 PB150221BS

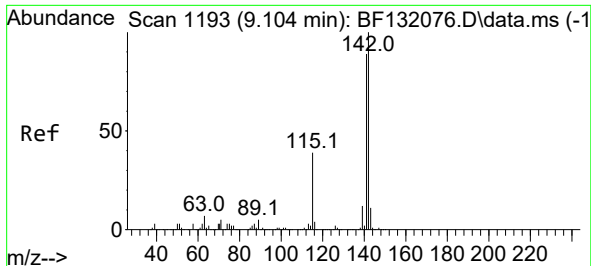
Tgt Ion:113 Resp: 108221
 Ion Ratio Lower Upper
 113 100
 55 141.4 133.1 173.1
 56 113.1 94.2 134.2



#36
 4-Chloro-3-methylphenol
 Concen: 47.374 ng
 RT: 8.928 min Scan# 1163
 Delta R.T. 0.006 min
 Lab File: BF132085.D
 Acq: 16 Jan 2023 23:44

Tgt Ion:107 Resp: 674153
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.7 32.5
 142 78.7 67.0 100.6

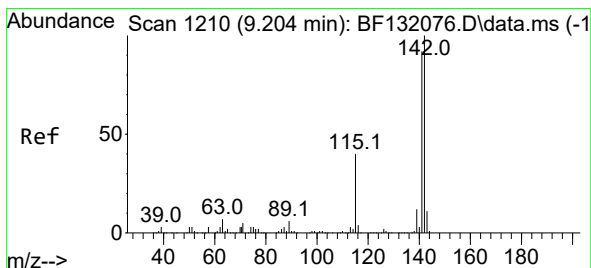
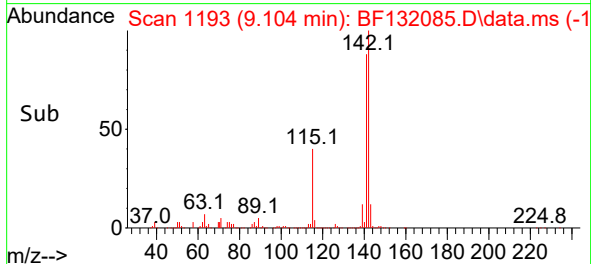
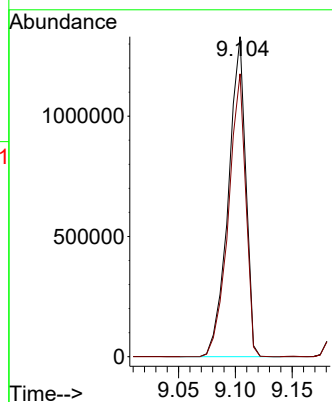
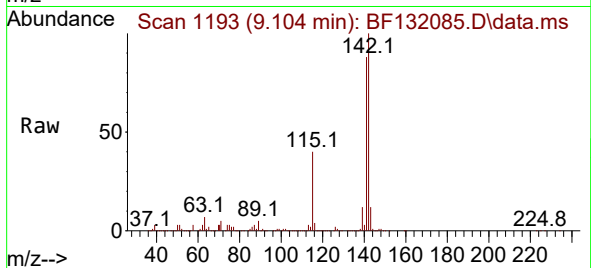




#37
2-Methylnaphthalene
Concen: 40.848 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

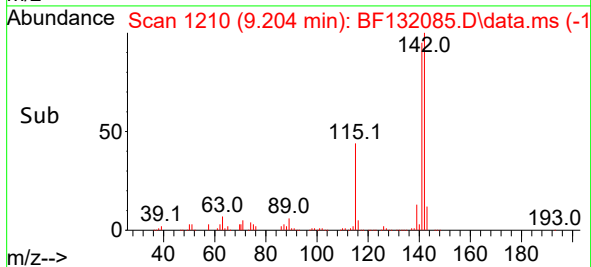
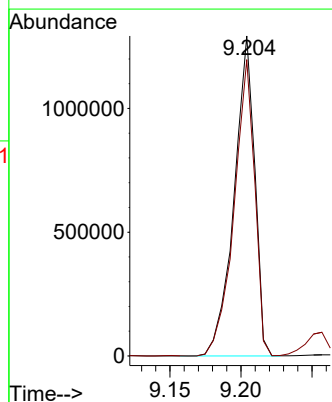
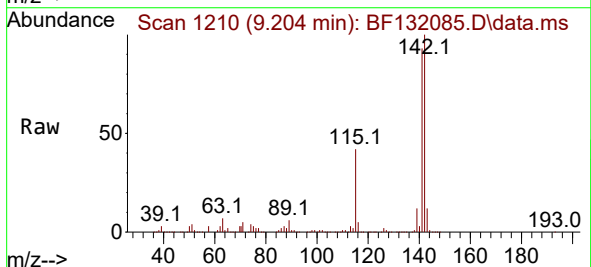
Instrument :
BNA_F
ClientSampleId :
PB150221BS

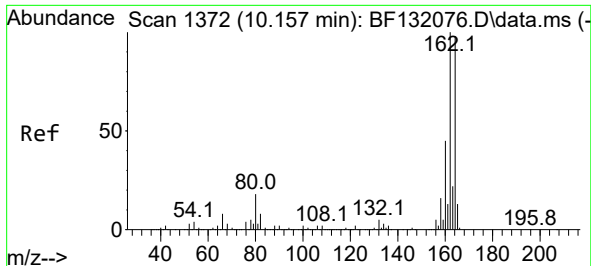
Tgt Ion:142 Resp: 1412678
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 40.740 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:142 Resp: 1305738
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6

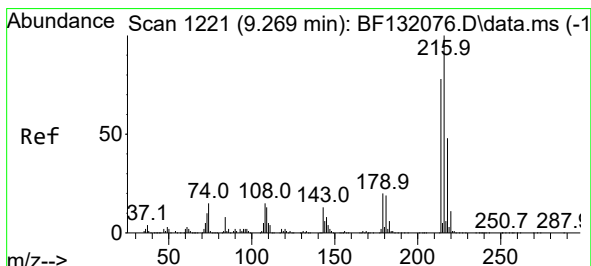
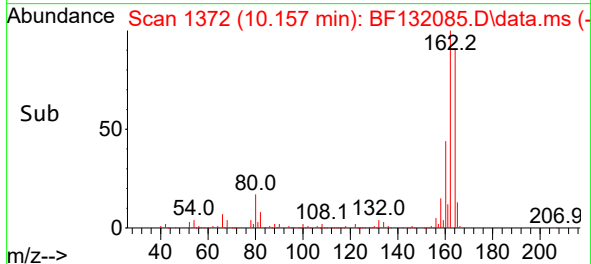
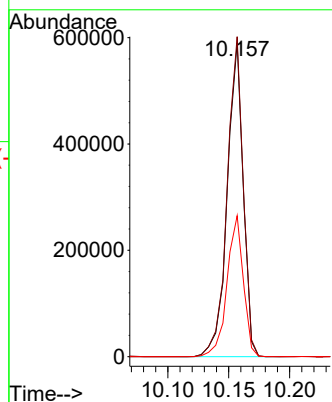
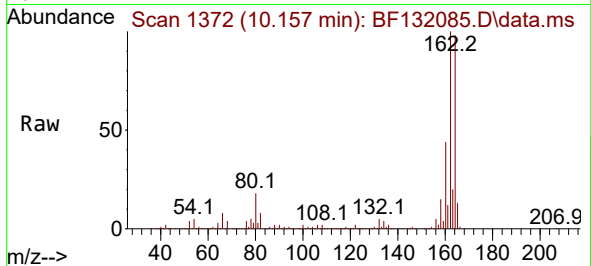




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

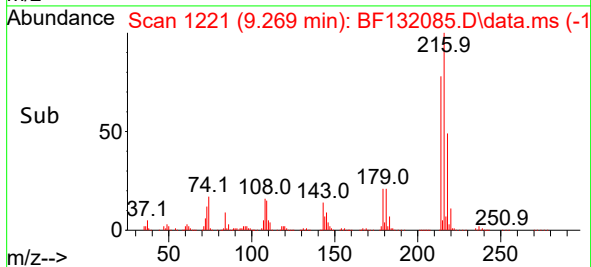
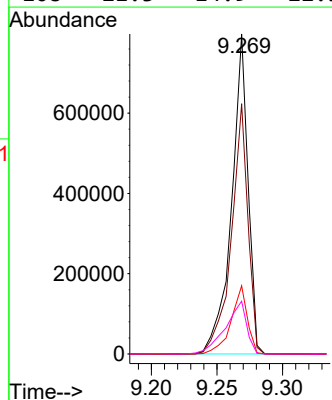
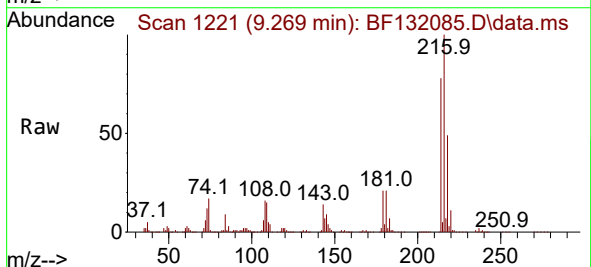
Instrument :
BNA_F
ClientSampleId :
PB150221BS

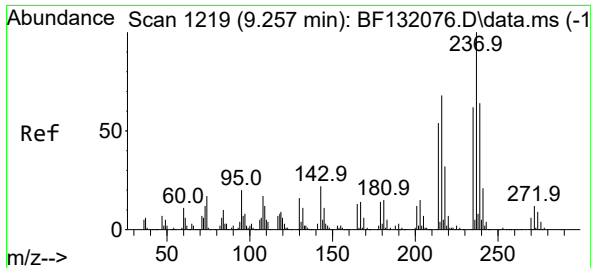
Tgt Ion:164 Resp: 537673
Ion Ratio Lower Upper
164 100
162 102.0 81.5 122.3
160 44.9 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.807 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:216 Resp: 695684
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 21.1 16.0 24.0
108 21.3 14.9 22.3

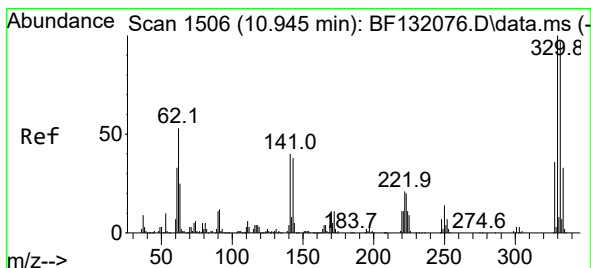
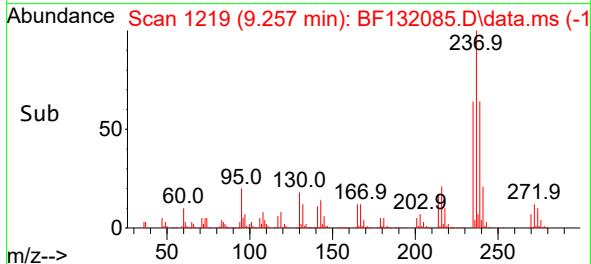
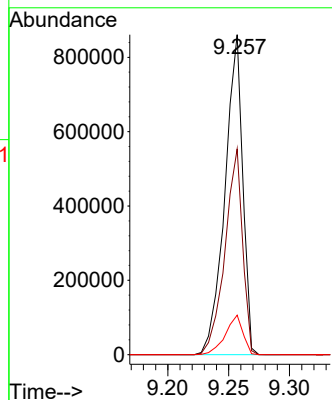
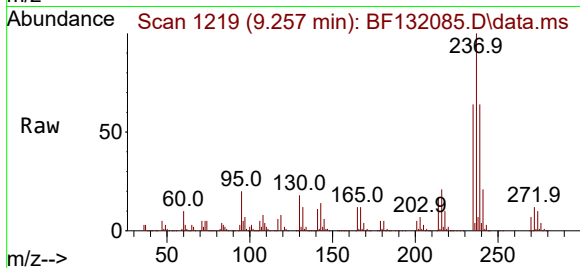




#41
Hexachlorocyclopentadiene
Concen: 99.045 ng
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

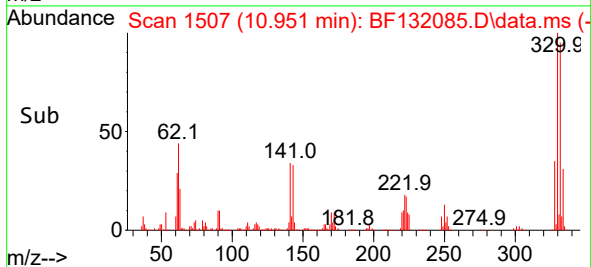
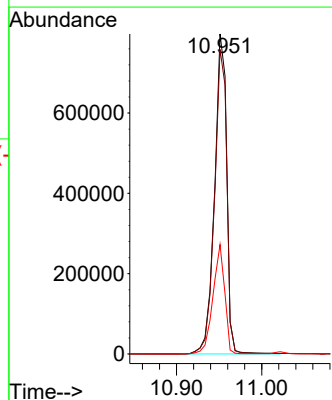
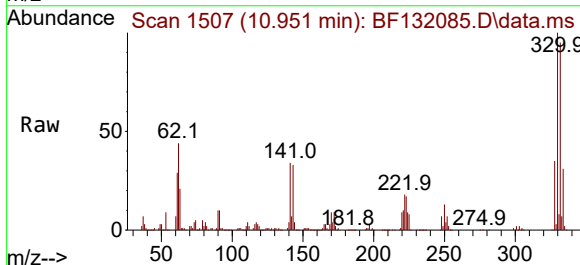
Instrument :
BNA_F
ClientSampleId :
PB150221BS

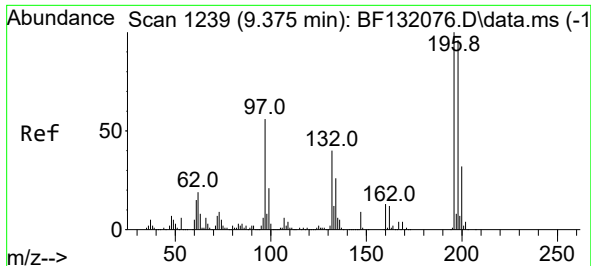
Tgt Ion:237 Resp: 877257
Ion Ratio Lower Upper
237 100
235 64.3 42.5 82.5
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 154.150 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:330 Resp: 791778
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 33.2 29.2 43.8





#43

2,4,6-Trichlorophenol

Concen: 52.598 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

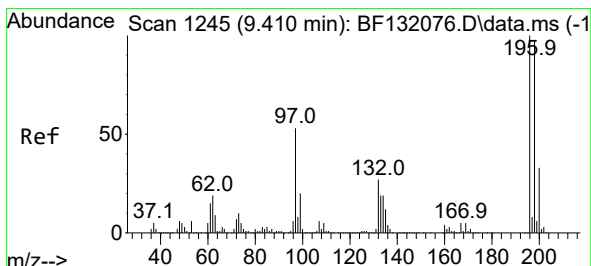
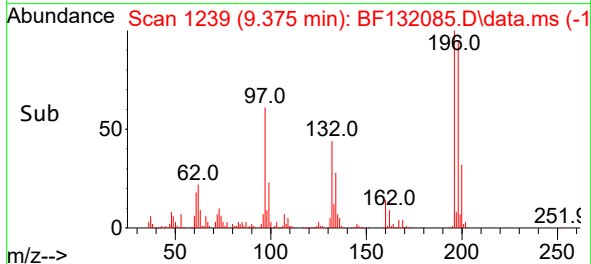
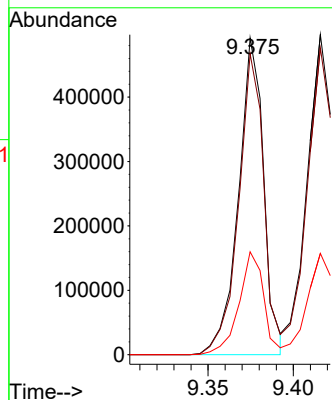
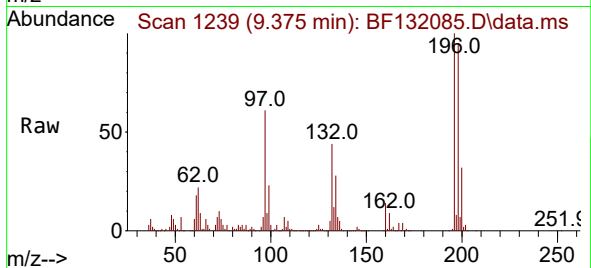
Tgt Ion:196 Resp: 505087

Ion Ratio Lower Upper

196 100

198 95.0 76.8 115.2

200 32.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 47.566 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Tgt Ion:196 Resp: 534223

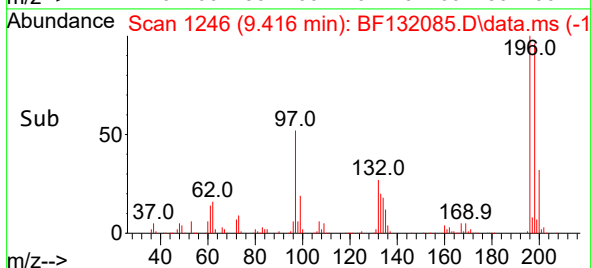
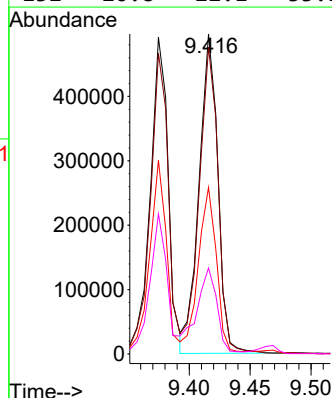
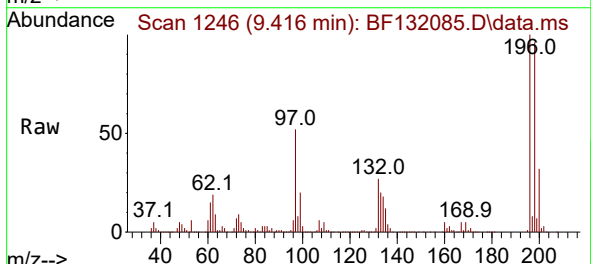
Ion Ratio Lower Upper

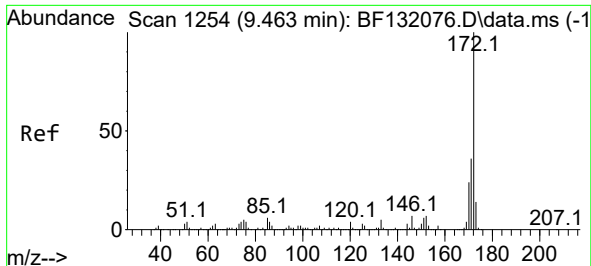
196 100

198 95.9 77.6 116.4

97 52.1 43.0 64.6

132 26.8 22.1 33.1

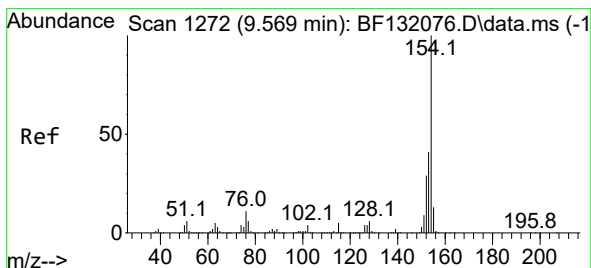
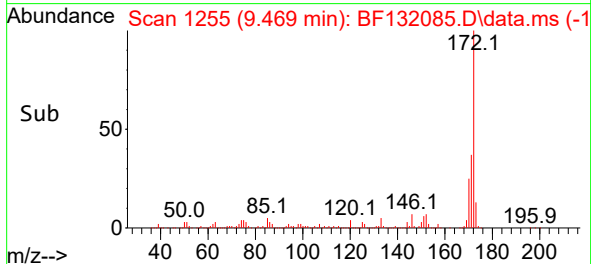
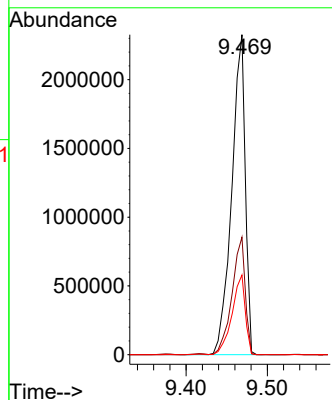
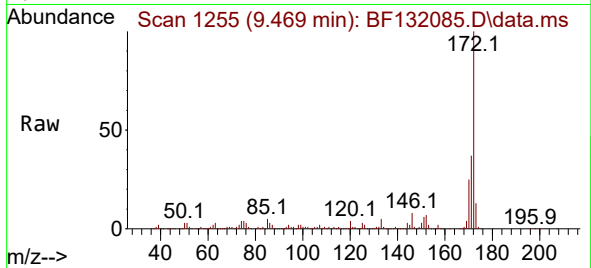




#45
2-Fluorobiphenyl
Concen: 77.849 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

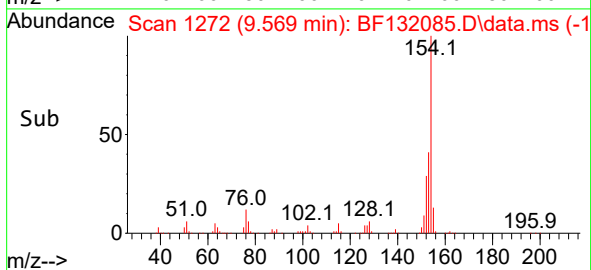
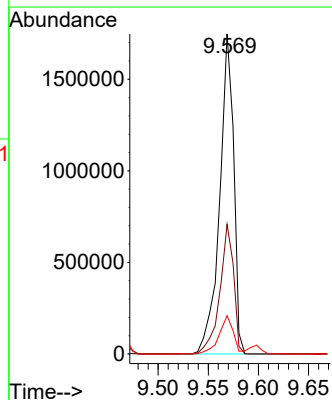
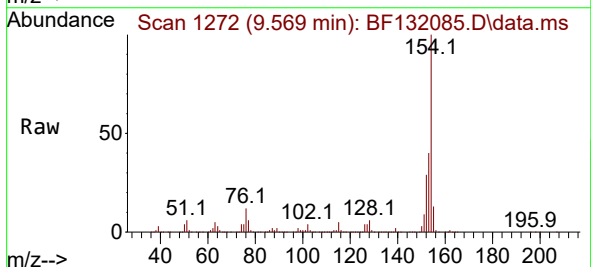
Instrument :
BNA_F
ClientSampleId :
PB150221BS

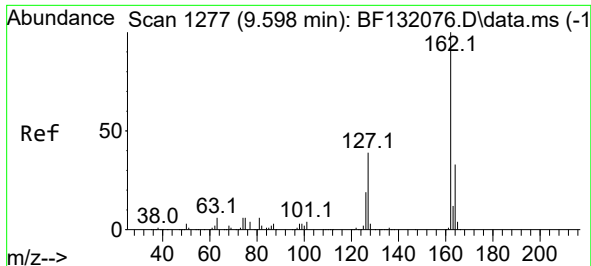
Tgt Ion:172 Resp: 2692962
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 41.574 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:154 Resp: 1698502
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.9 0.0 31.2

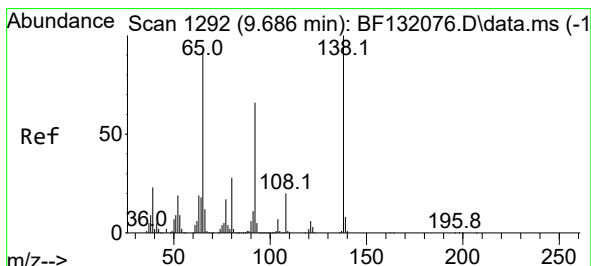
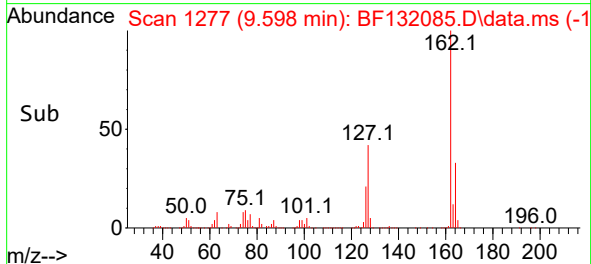
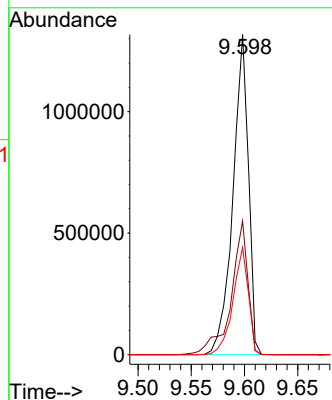
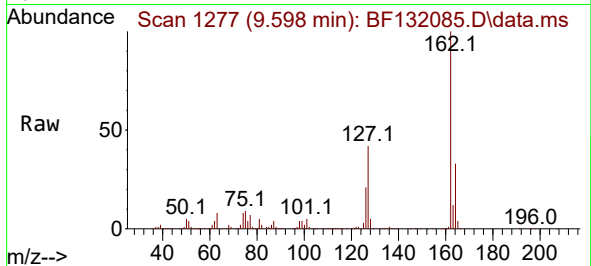




#47
2-Chloronaphthalene
Concen: 42.242 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

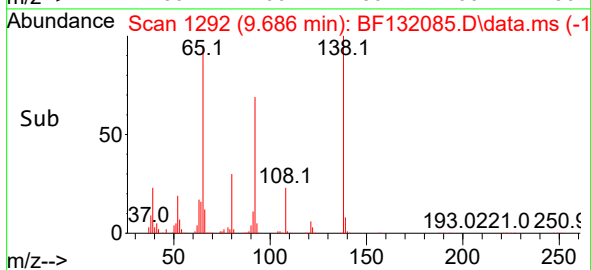
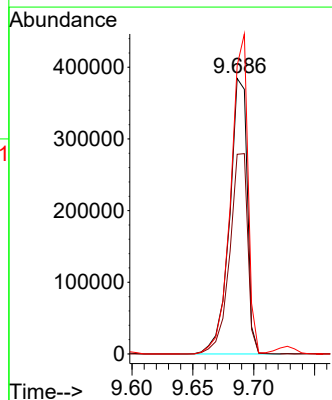
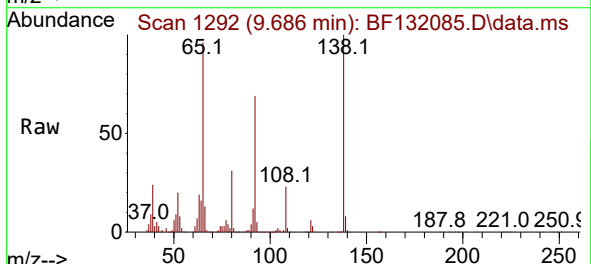
Instrument :
BNA_F
ClientSampleId :
PB150221BS

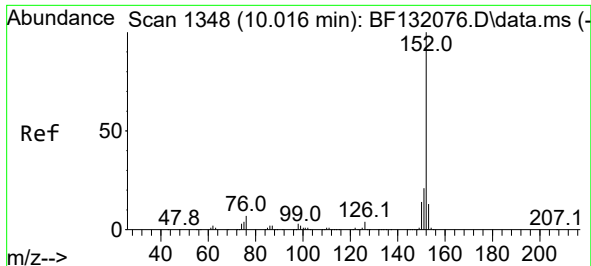
Tgt Ion:162 Resp: 1329239
Ion Ratio Lower Upper
162 100
127 41.8 31.8 47.6
164 33.5 26.8 40.2



#48
2-Nitroaniline
Concen: 51.717 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion: 65 Resp: 389639
Ion Ratio Lower Upper
65 100
92 72.5 57.8 86.6
138 104.7 88.2 132.4





#49

Acenaphthylene

Concen: 41.199 ng

RT: 10.022 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

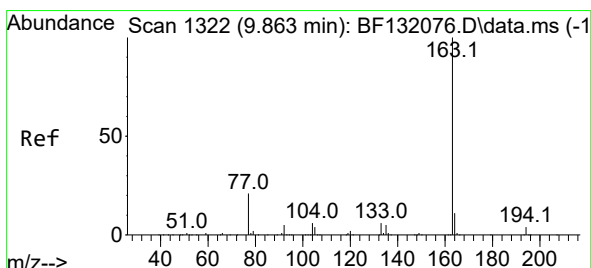
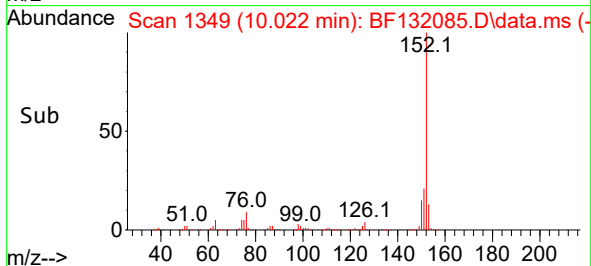
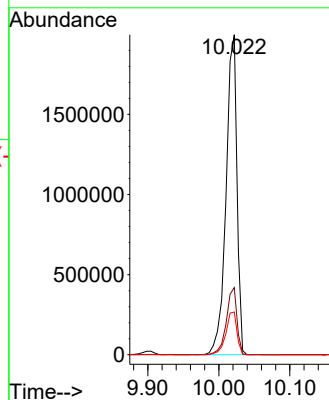
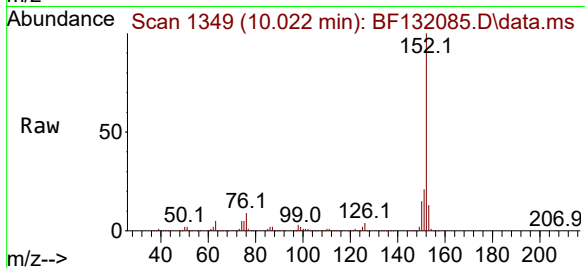
Tgt Ion:152 Resp: 2120792

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 46.991 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

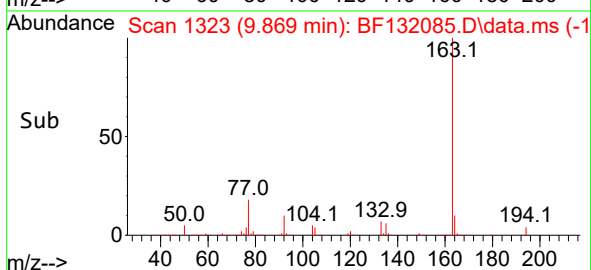
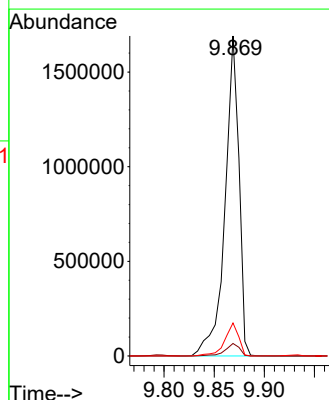
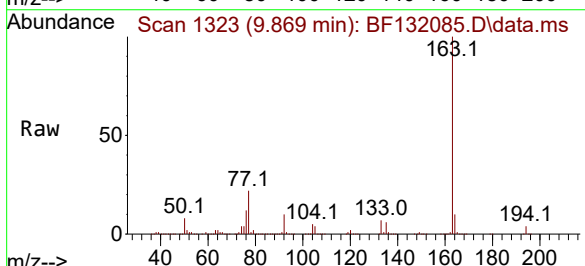
Tgt Ion:163 Resp: 1628082

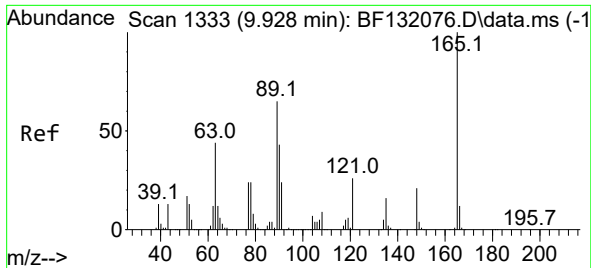
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.6 12.8

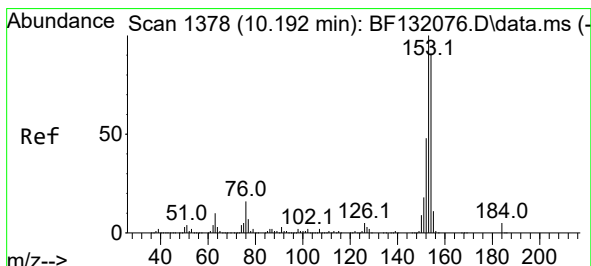
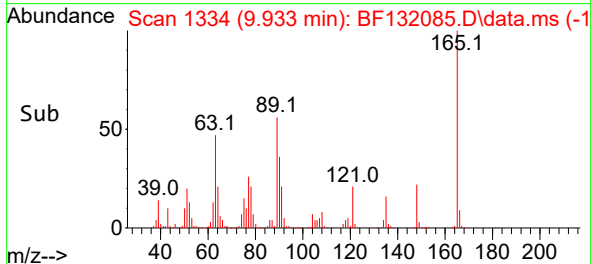
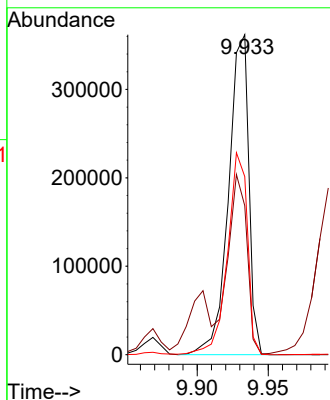
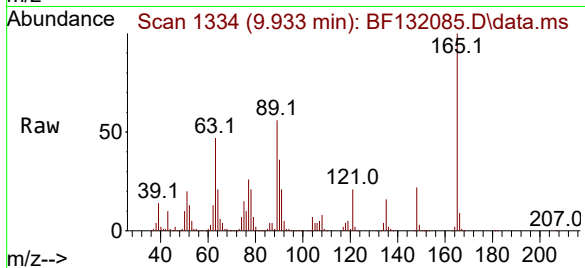




#51
2,6-Dinitrotoluene
Concen: 50.343 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

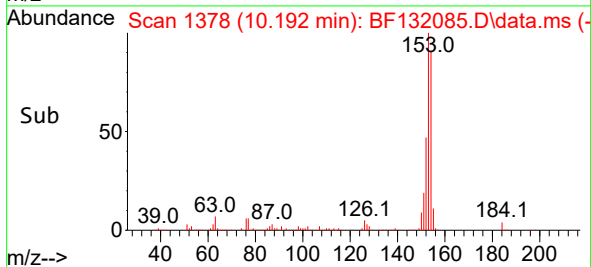
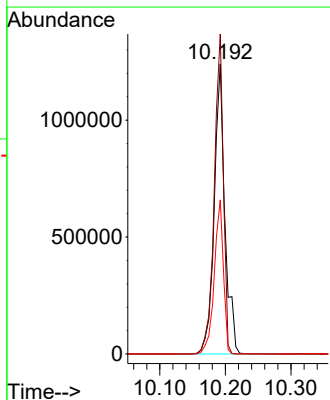
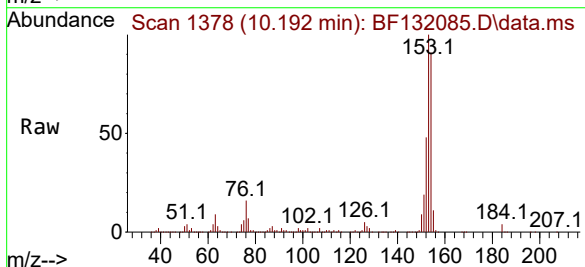
Instrument :
BNA_F
ClientSampleId :
PB150221BS

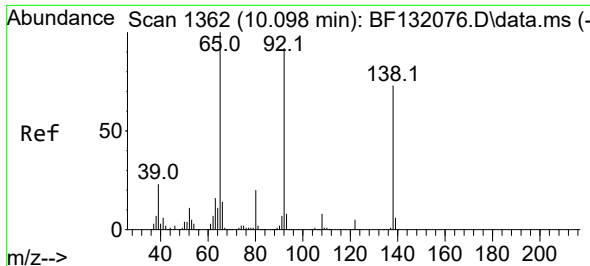
Tgt Ion:165 Resp: 360369
Ion Ratio Lower Upper
165 100
63 46.5 45.7 68.5
89 55.6 52.5 78.7



#52
Acenaphthene
Concen: 46.483 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:154 Resp: 1407517
Ion Ratio Lower Upper
154 100
153 110.3 88.2 132.4
152 53.1 42.7 64.1

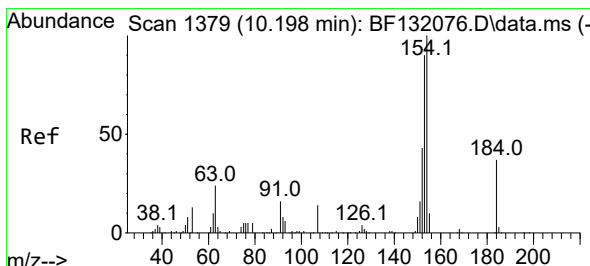
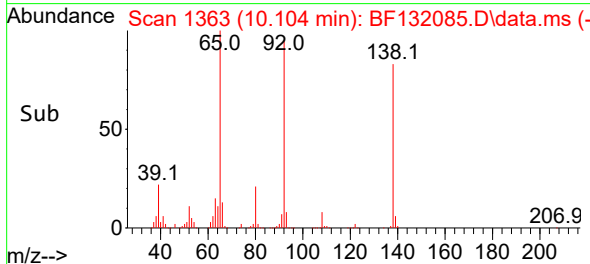
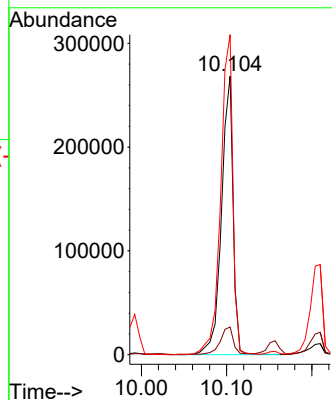
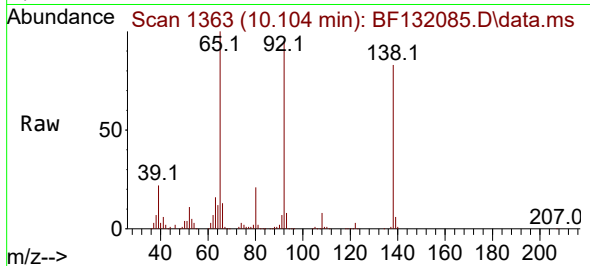




#53
3-Nitroaniline
Concen: 33.365 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

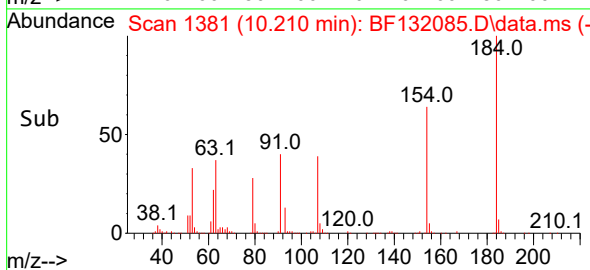
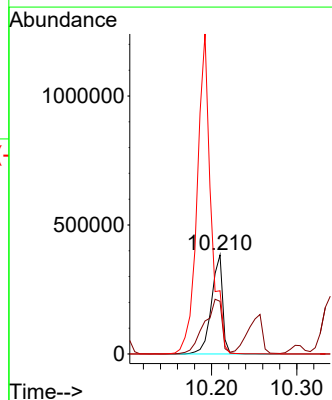
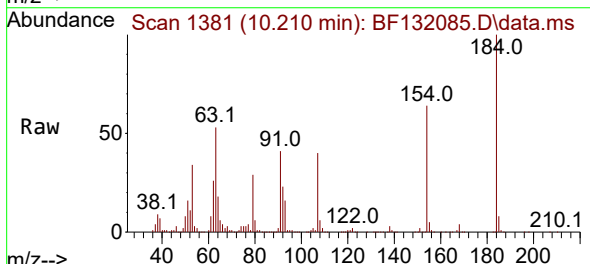
Instrument :
BNA_F
ClientSampleId :
PB150221BS

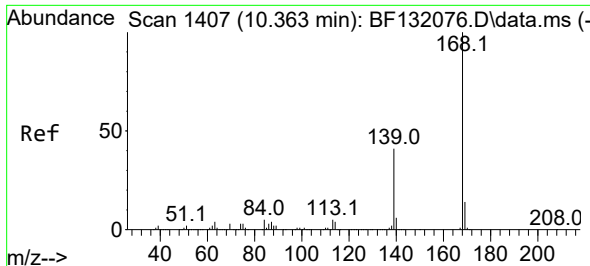
Tgt Ion:138 Resp: 252862
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 114.9 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 97.605 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:184 Resp: 350585
Ion Ratio Lower Upper
184 100
63 53.1 51.3 76.9
154 63.8 215.0 322.6#

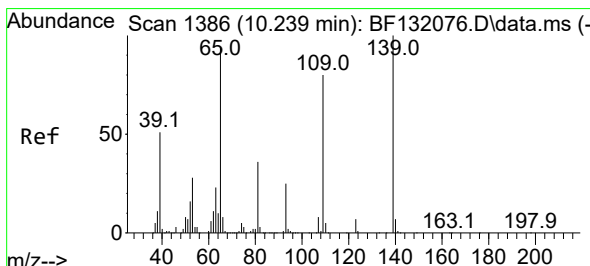
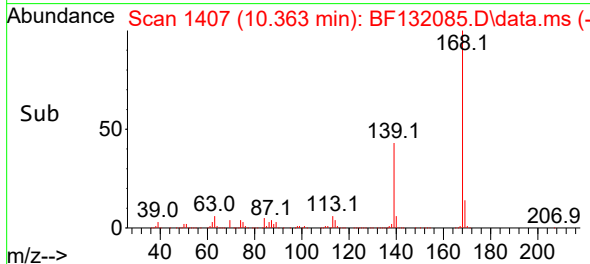
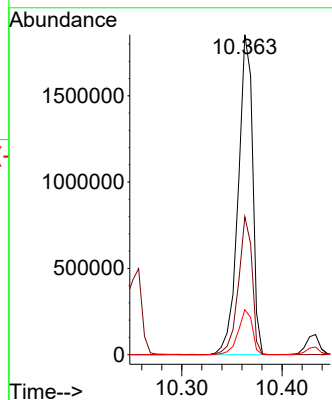
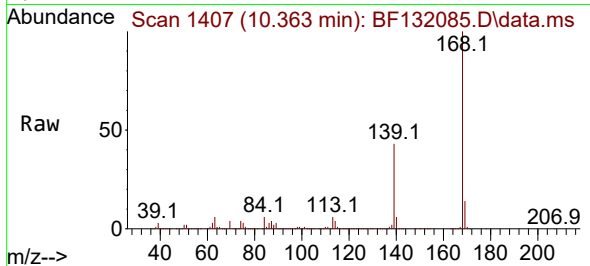




#55
Dibenzofuran
Concen: 40.689 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

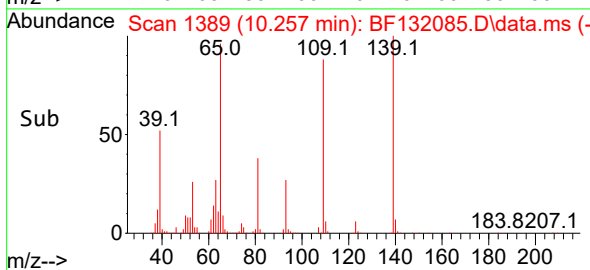
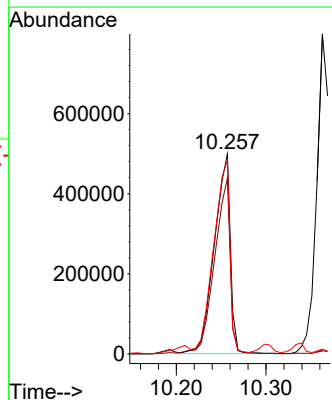
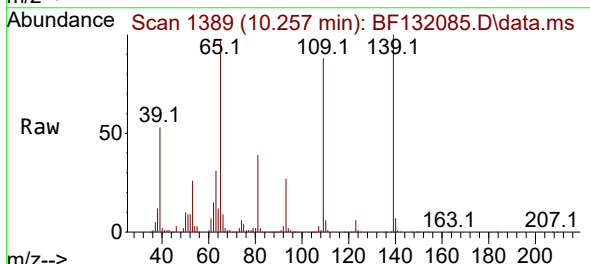
Instrument :
BNA_F
ClientSampleId :
PB150221BS

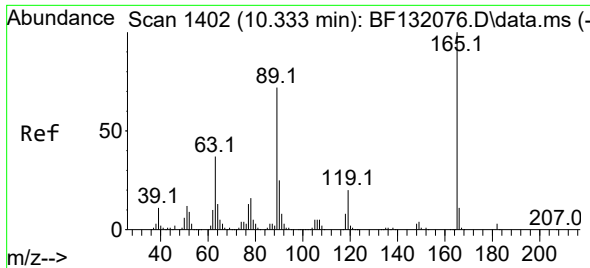
Tgt Ion:168 Resp: 1861322
Ion Ratio Lower Upper
168 100
139 43.1 32.5 48.7
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 90.349 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.018 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:139 Resp: 618082
Ion Ratio Lower Upper
139 100
109 87.9 59.9 99.9
65 96.9 74.9 114.9

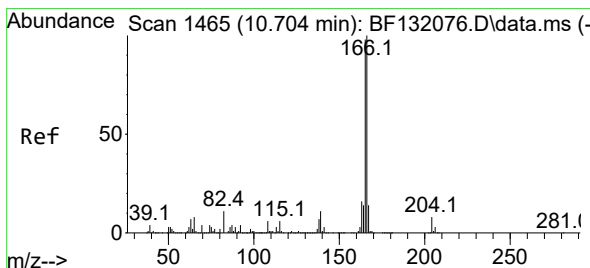
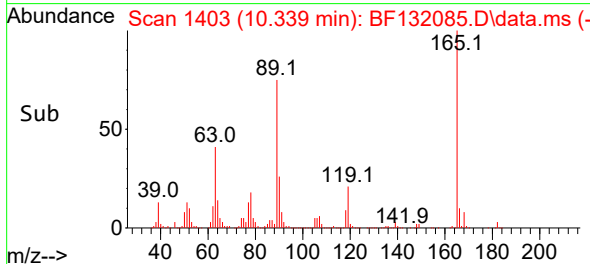
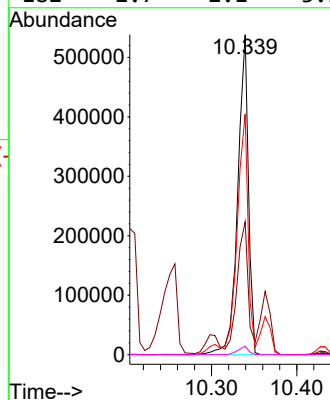
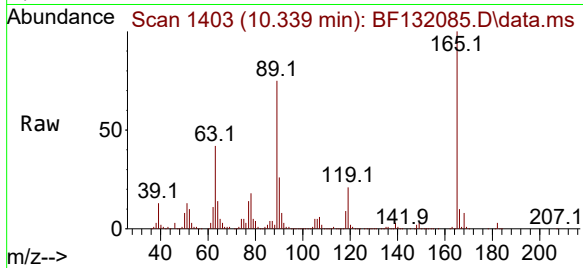




#57
2,4-Dinitrotoluene
Concen: 51.853 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

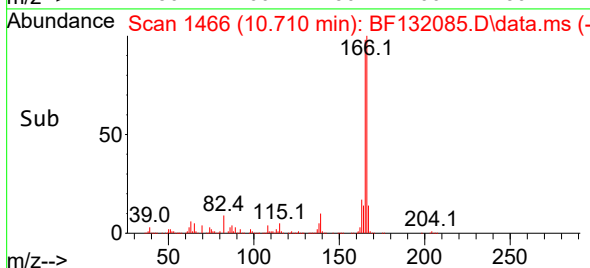
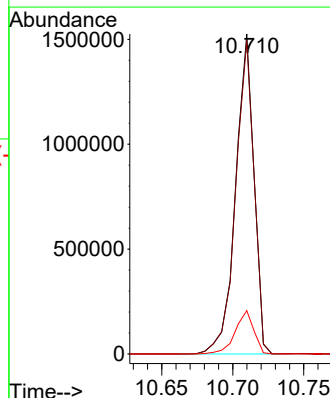
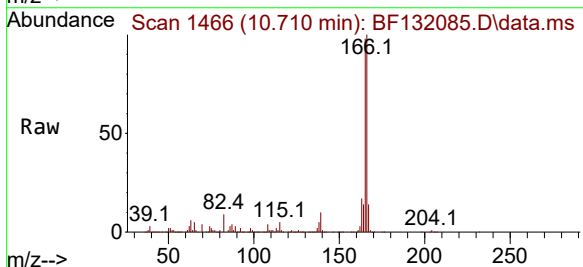
Instrument :
BNA_F
ClientSampleId :
PB150221BS

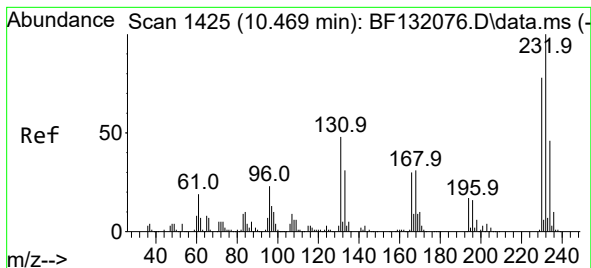
Tgt Ion:165 Resp: 469078
Ion Ratio Lower Upper
165 100
63 41.6 29.5 44.3
89 75.3 57.8 86.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 40.043 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:166 Resp: 1373379
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 13.6 10.9 16.3

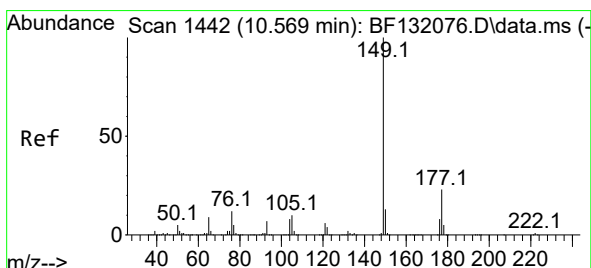
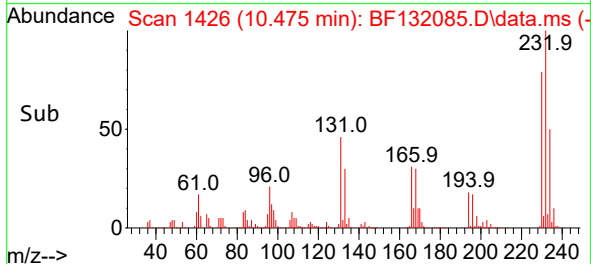
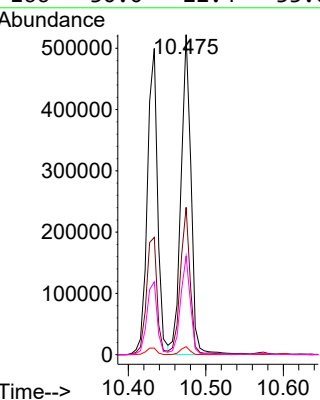
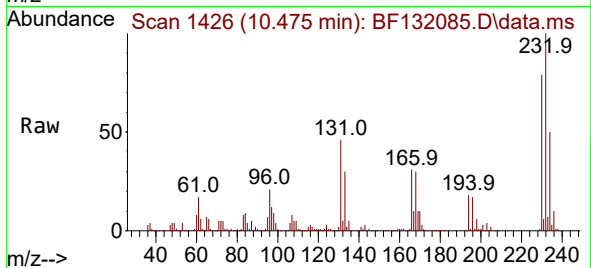




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.074 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

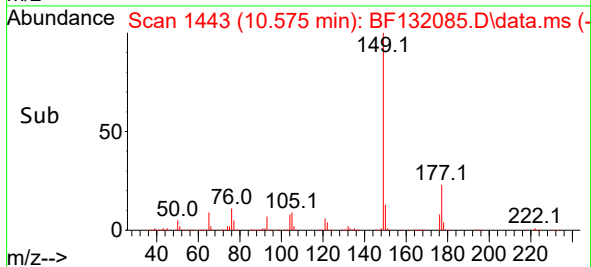
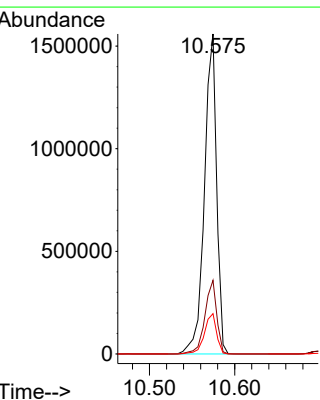
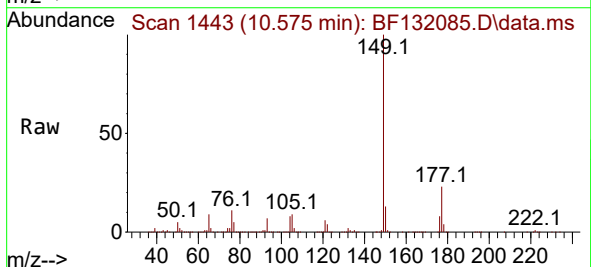
Instrument :
BNA_F
ClientSampleId :
PB150221BS

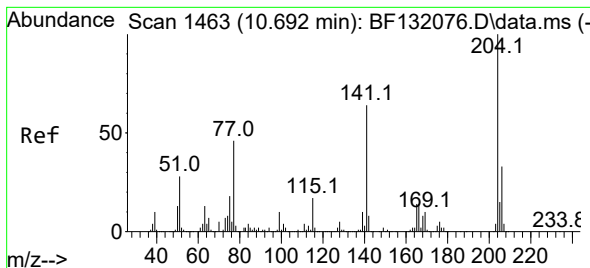
Tgt Ion:232 Resp: 467879
Ion Ratio Lower Upper
232 100
131 44.4 34.7 52.1
130 2.4 1.8 2.8
166 30.0 22.4 33.6



#60
Diethylphthalate
Concen: 50.469 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:149 Resp: 1554689
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.6 10.0 15.0

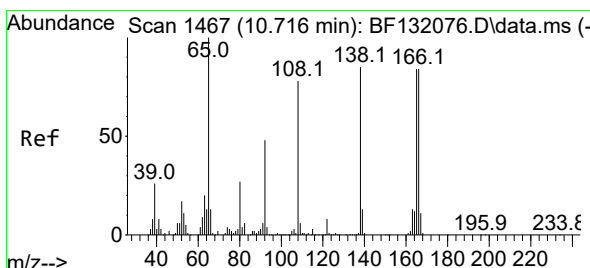
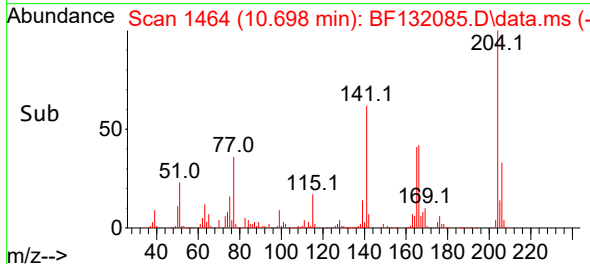
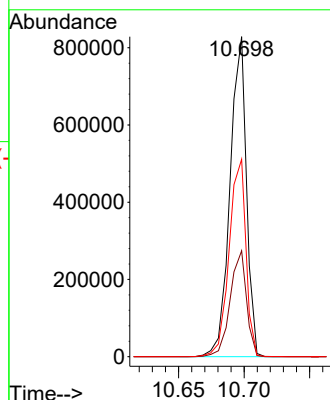
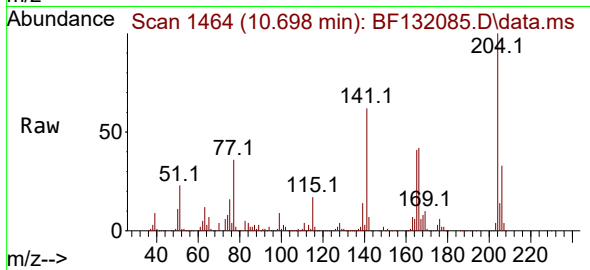




#61
4-Chlorophenyl-phenylether
Concen: 40.851 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

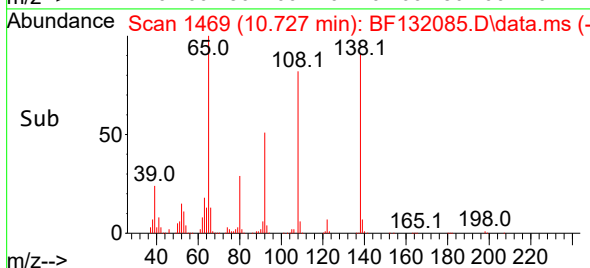
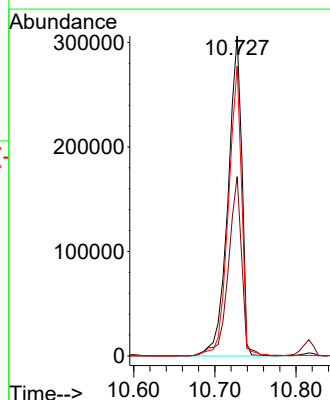
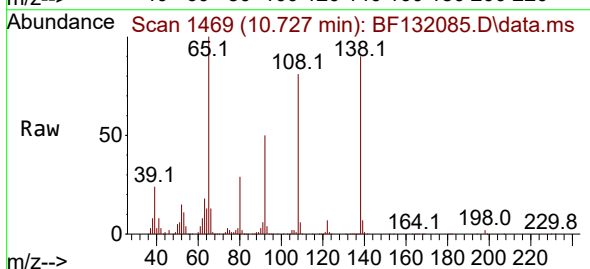
Instrument :
BNA_F
ClientSampleId :
PB150221BS

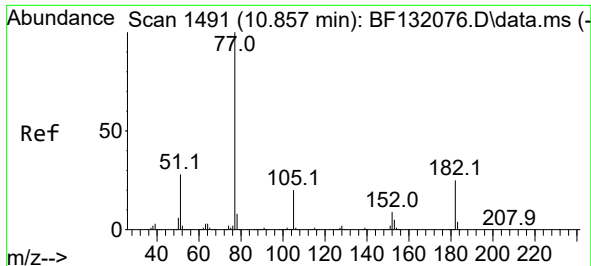
Tgt Ion:204 Resp: 721591
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 61.7 51.5 77.3



#62
4-Nitroaniline
Concen: 47.183 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:138 Resp: 363591
Ion Ratio Lower Upper
138 100
92 56.0 36.9 76.9
108 90.6 71.8 111.8

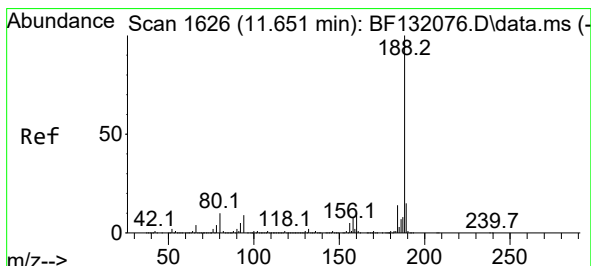
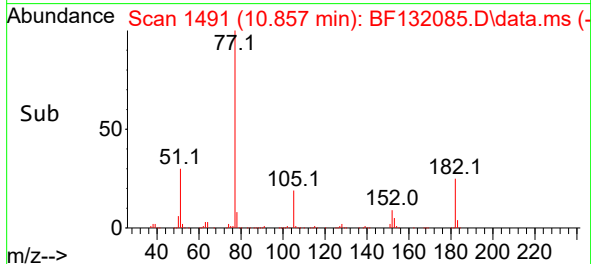
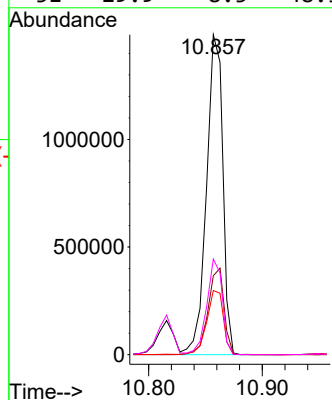
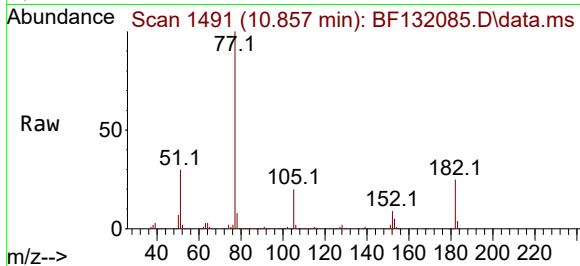




#63
Azobenzene
Concen: 40.384 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

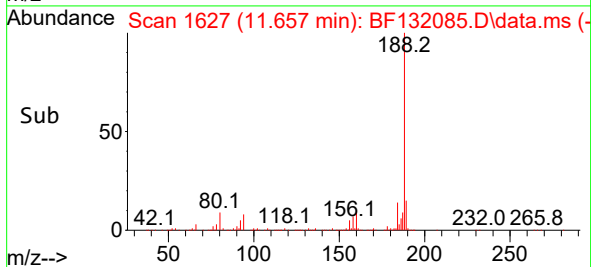
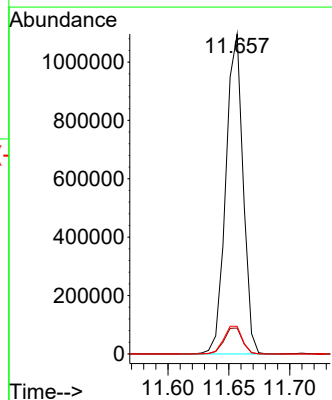
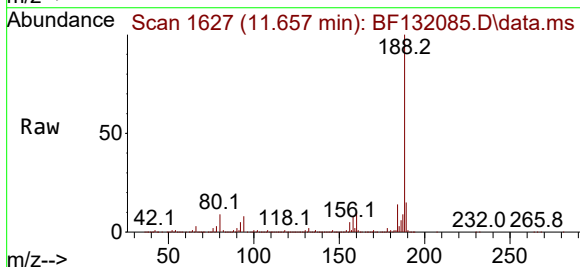
Instrument :
BNA_F
ClientSampleId :
PB150221BS

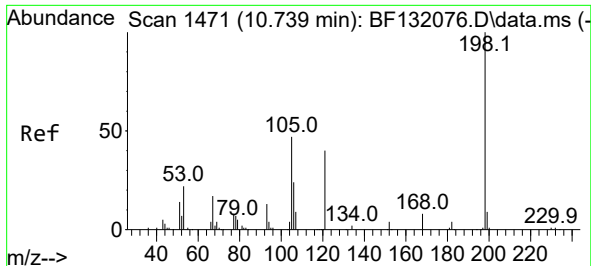
Tgt Ion: 77 Resp: 1479827
Ion Ratio Lower Upper
77 100
182 24.7 5.0 45.0
105 20.1 0.0 39.7
51 29.9 8.5 48.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:188 Resp: 1082392
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 8.1 12.1

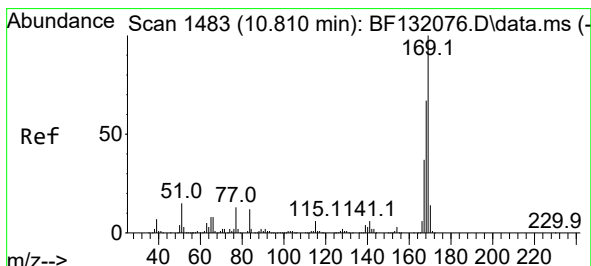
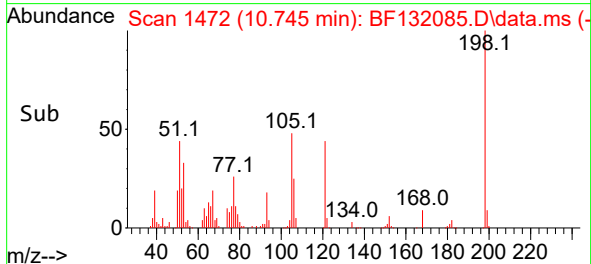
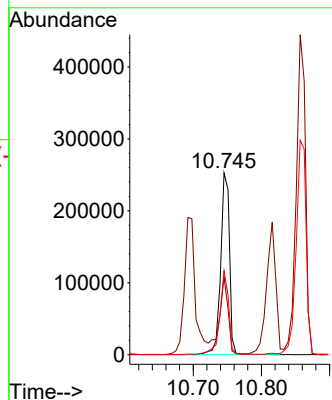
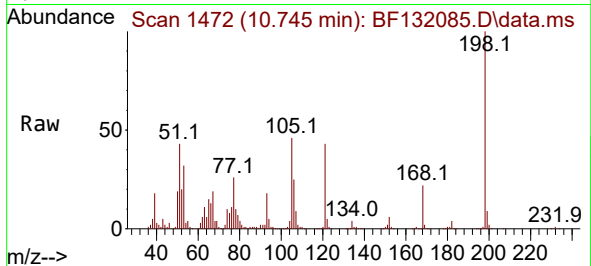




#65
4,6-Dinitro-2-methylphenol
Concen: 55.538 ng
RT: 10.745 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

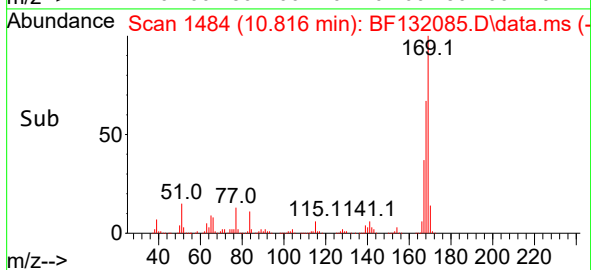
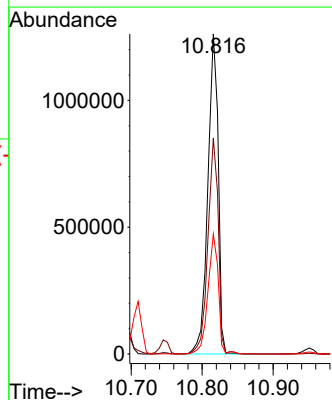
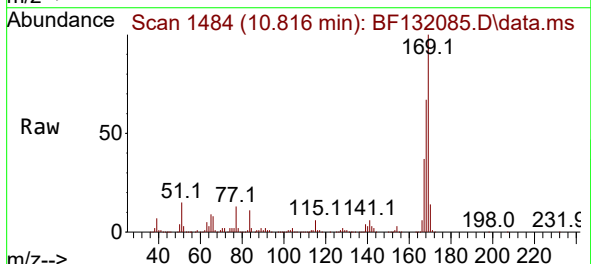
Instrument :
BNA_F
ClientSampleId :
PB150221BS

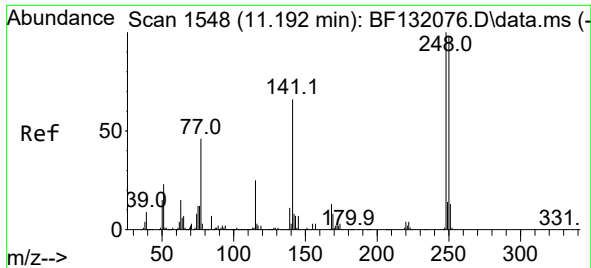
Tgt Ion:198 Resp: 226760
Ion Ratio Lower Upper
198 100
51 42.6 20.4 60.4
105 46.1 28.0 68.0



#66
n-Nitrosodiphenylamine
Concen: 40.466 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:169 Resp: 1282361
Ion Ratio Lower Upper
169 100
168 67.5 53.3 79.9
167 37.5 29.8 44.8

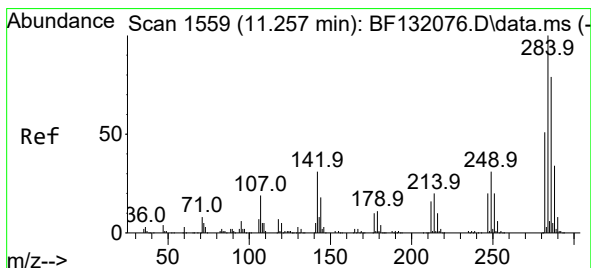
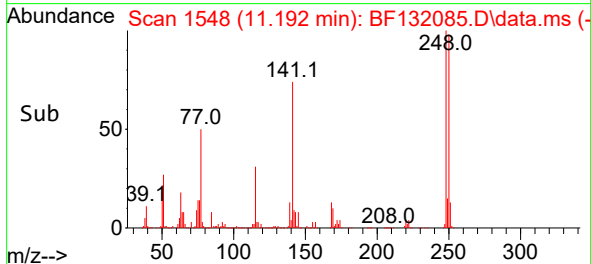
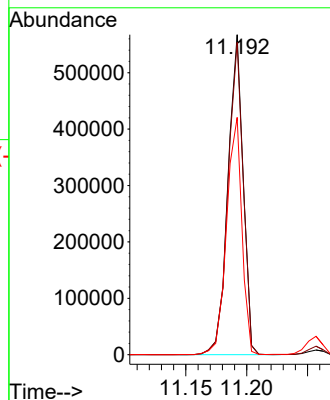
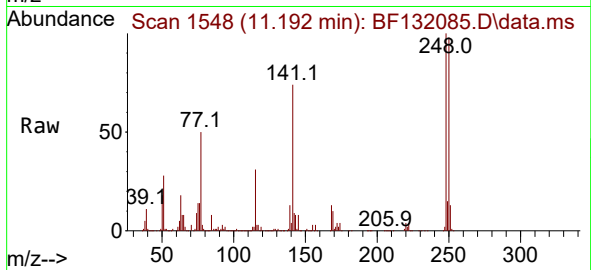




#67
4-Bromophenyl-phenylether
Concen: 41.856 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

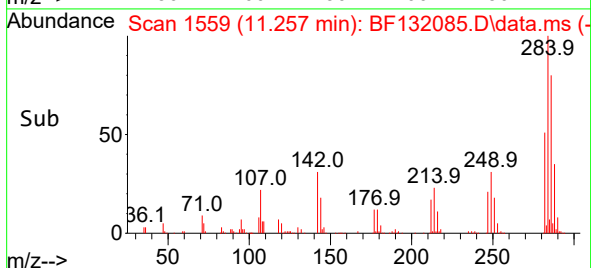
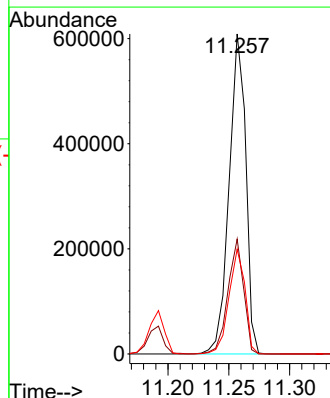
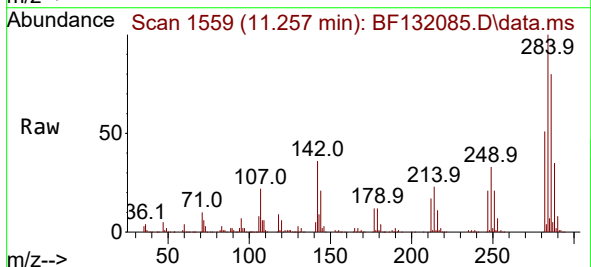
Instrument :
BNA_F
ClientSampleId :
PB150221BS

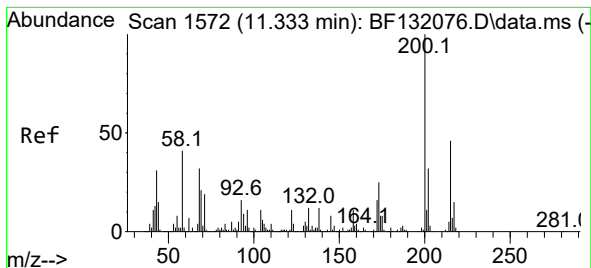
Tgt Ion:248 Resp: 493272
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.4
141 74.1 53.2 79.8



#68
Hexachlorobenzene
Concen: 45.001 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:284 Resp: 578572
Ion Ratio Lower Upper
284 100
142 35.9 24.6 36.8
249 32.8 24.5 36.7





#69

Atrazine

Concen: 57.517 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

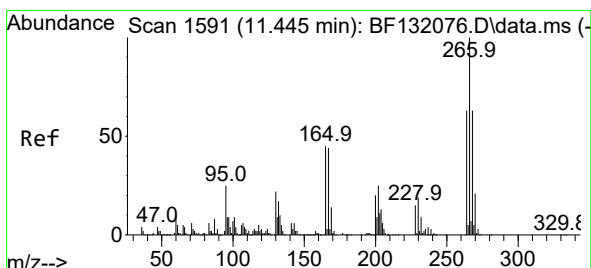
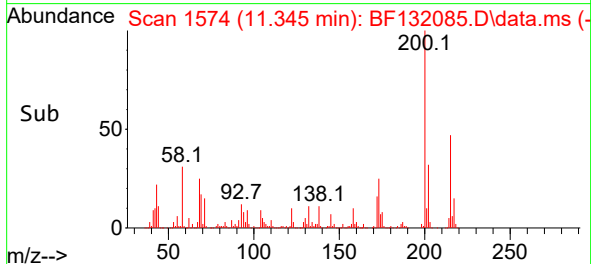
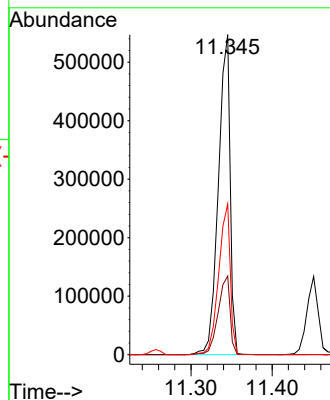
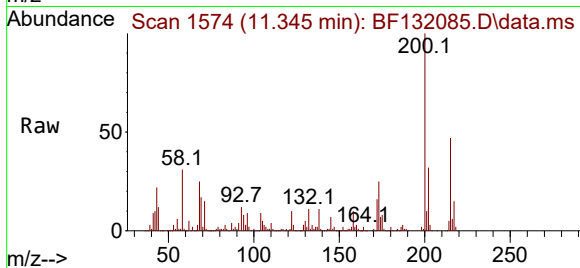
Tgt Ion:200 Resp: 550651

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

215 47.1 25.6 65.6



#70

Pentachlorophenol

Concen: 87.984 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

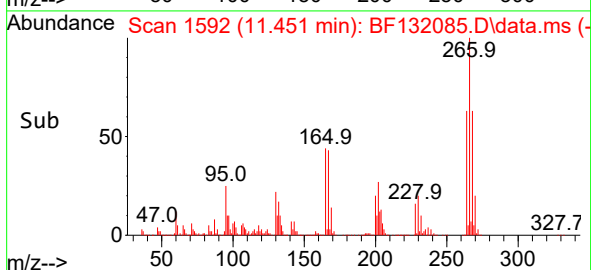
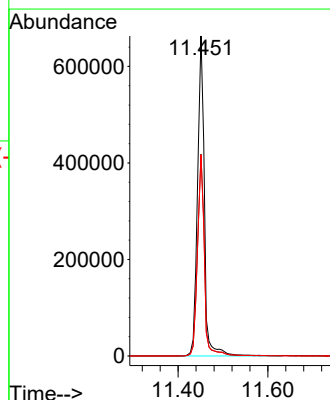
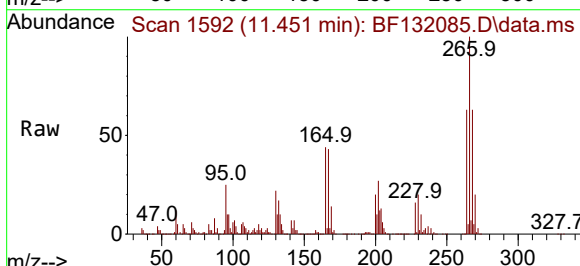
Tgt Ion:266 Resp: 703744

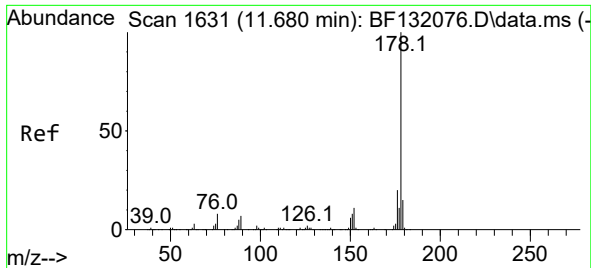
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.8 50.2 75.4

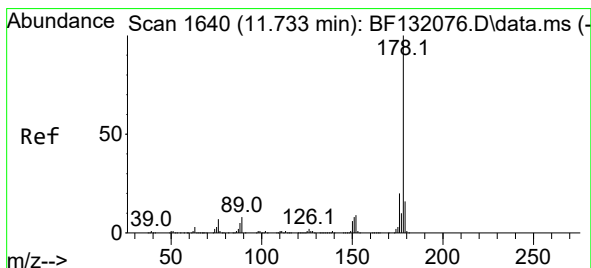
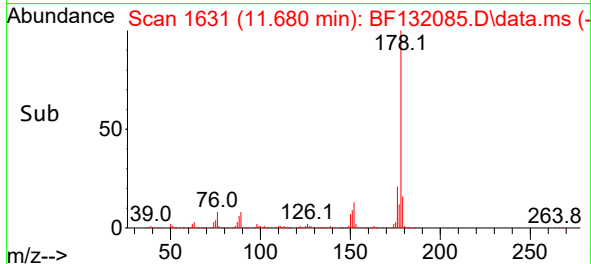
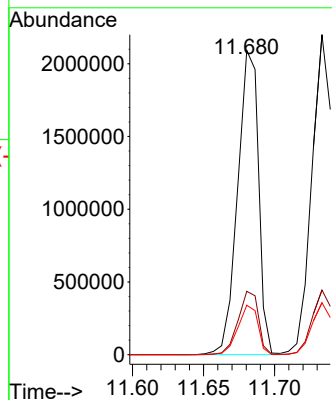
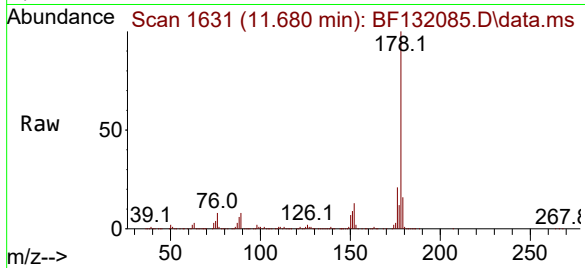




#71
Phenanthrene
Concen: 39.318 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

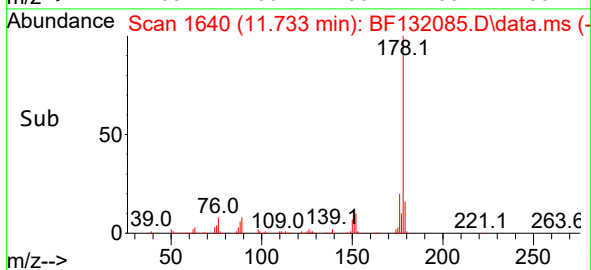
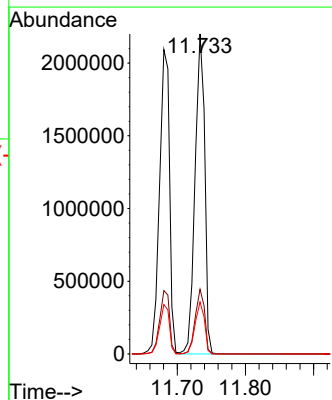
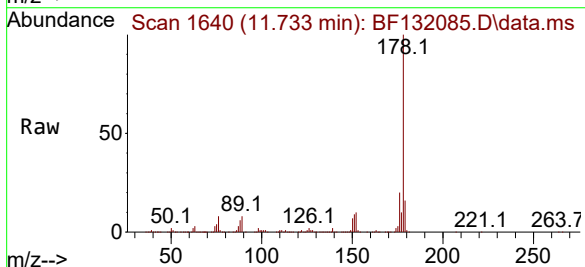
Instrument :
BNA_F
ClientSampleId :
PB150221BS

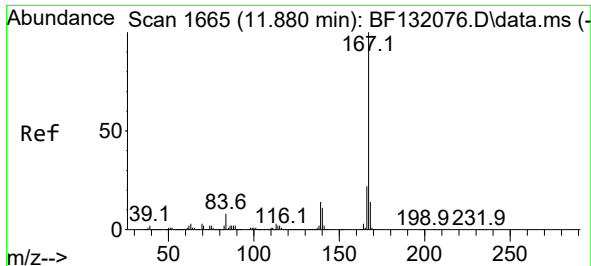
Tgt Ion:178 Resp: 2148107
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 16.2 12.3 18.5



#72
Anthracene
Concen: 38.441 ng
RT: 11.733 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:178 Resp: 2147719
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.3 12.5 18.7

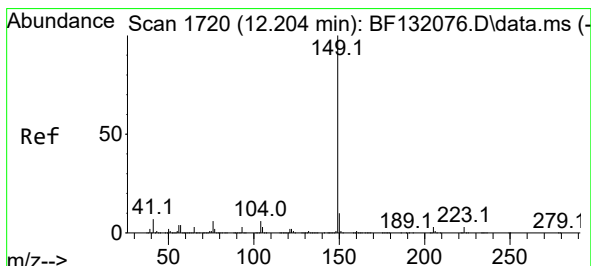
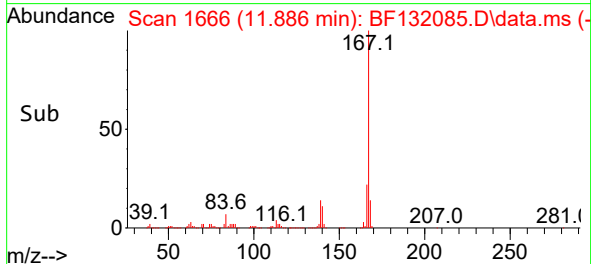
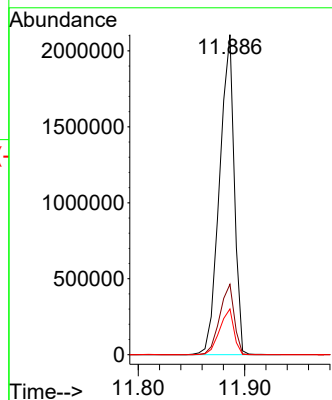
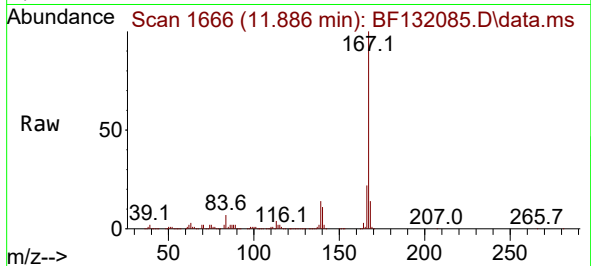




#73
Carbazole
Concen: 40.217 ng
RT: 11.886 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

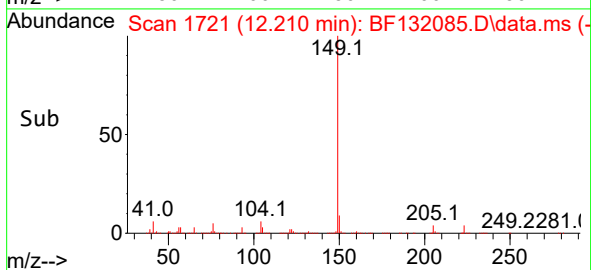
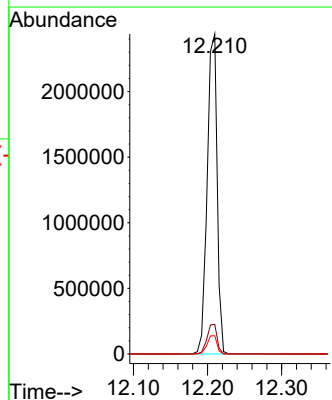
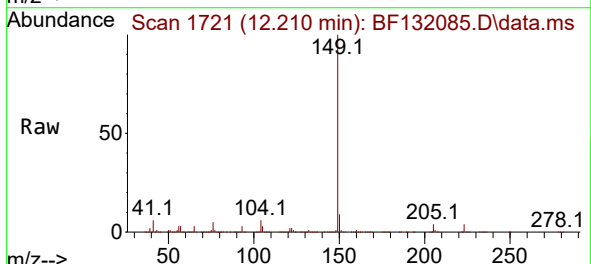
Instrument :
BNA_F
ClientSampleId :
PB150221BS

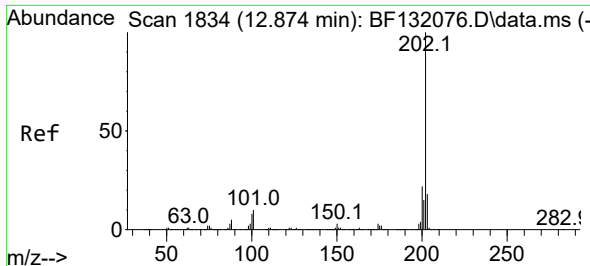
Tgt Ion:167 Resp: 2020779
Ion Ratio Lower Upper
167 100
166 22.0 17.7 26.5
139 14.3 11.3 16.9



#74
Di-n-butylphthalate
Concen: 43.952 ng
RT: 12.210 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:149 Resp: 2279877
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.7 4.6 6.8

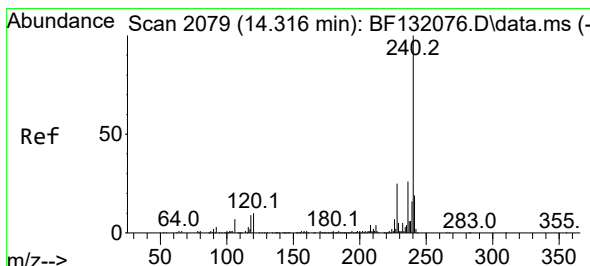
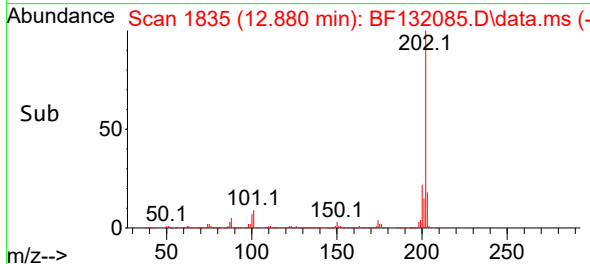
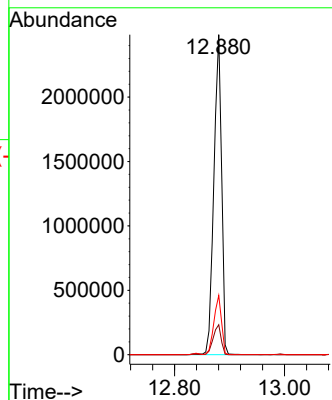
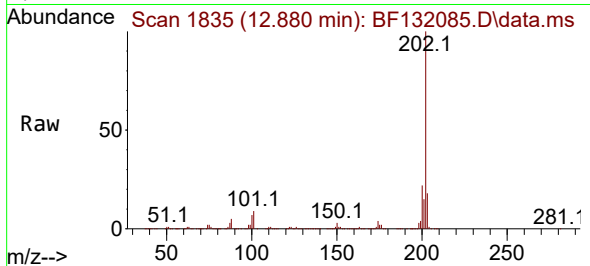




#75
Fluoranthene
Concen: 39.426 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

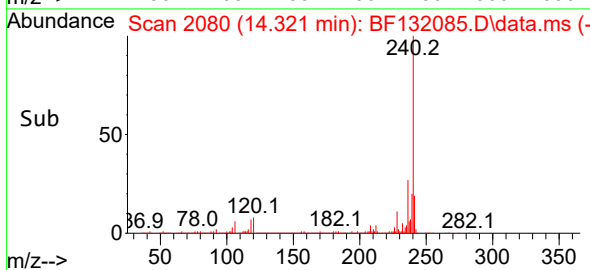
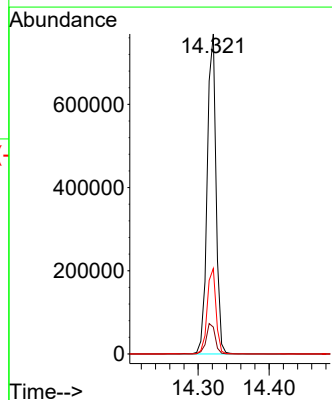
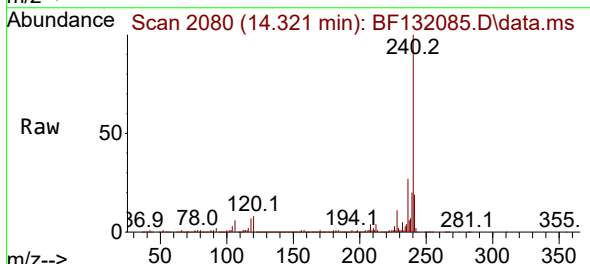
Instrument :
BNA_F
ClientSampleId :
PB150221BS

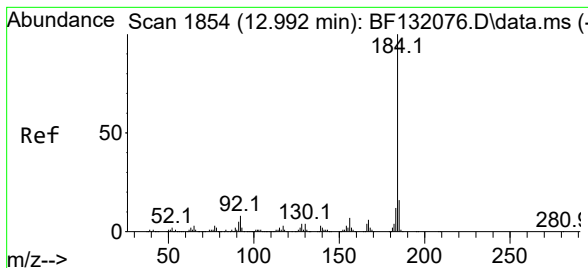
Tgt Ion:202 Resp: 2424528
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.4
203 18.5 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.321 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:240 Resp: 668054
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 26.7 21.0 31.4





#77

Benzidine

Concen: 56.336 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

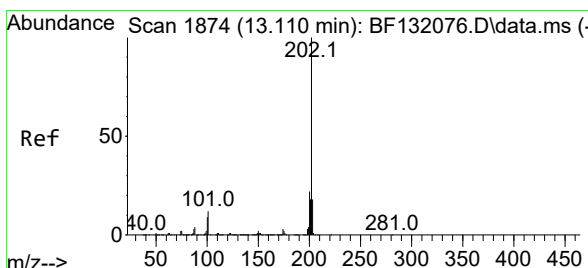
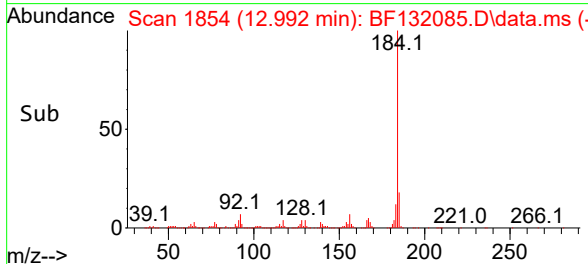
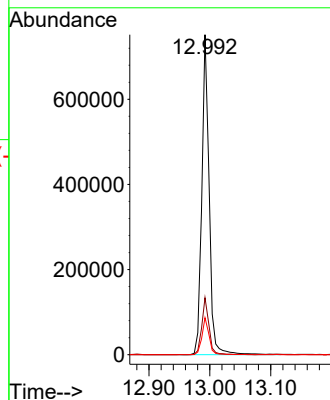
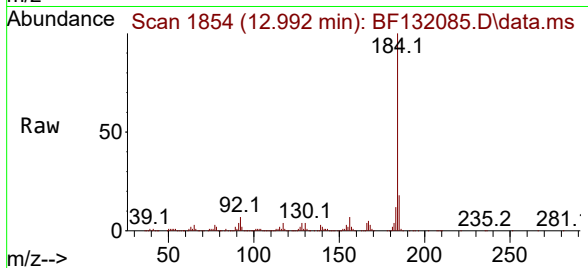
Tgt Ion:184 Resp: 630736

Ion Ratio Lower Upper

184 100

185 17.8 13.1 19.7

183 11.5 9.4 14.0



#78

Pyrene

Concen: 44.266 ng

RT: 13.116 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

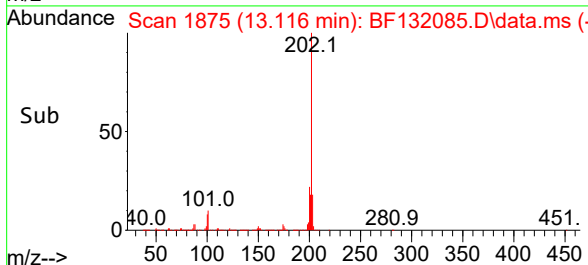
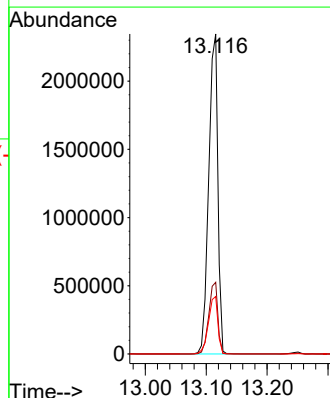
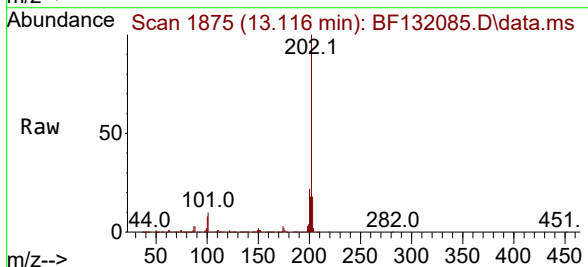
Tgt Ion:202 Resp: 2445644

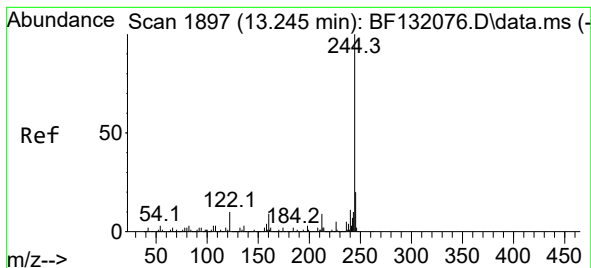
Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

203 18.0 14.5 21.7





#79

Terphenyl-d14

Concen: 90.587 ng

RT: 13.251 min Scan# 1897

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

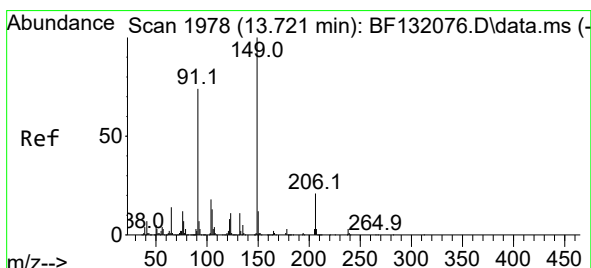
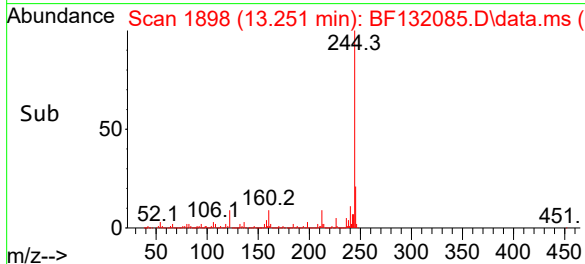
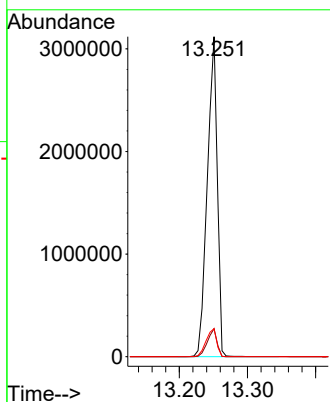
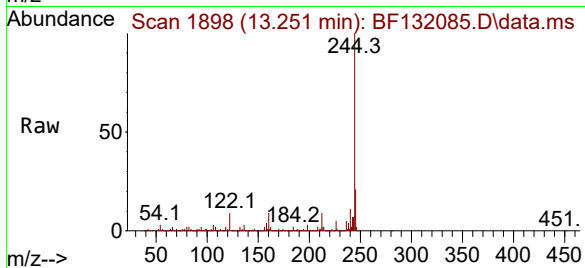
Tgt Ion:244 Resp: 3184954

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

122 8.8 7.8 11.6



#80

Butylbenzylphthalate

Concen: 62.190 ng

RT: 13.721 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

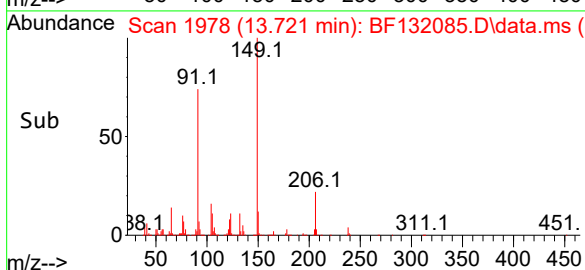
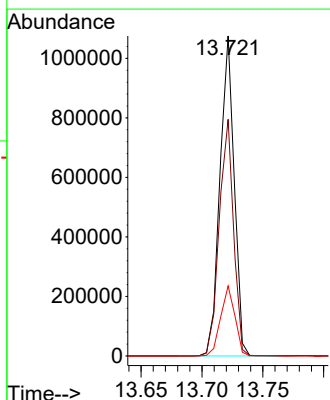
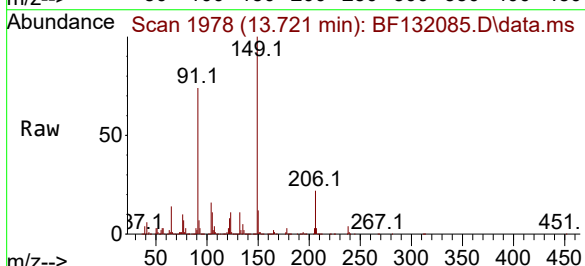
Tgt Ion:149 Resp: 878539

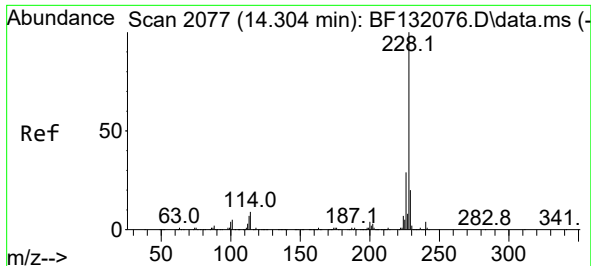
Ion Ratio Lower Upper

149 100

91 73.9 59.4 89.2

206 21.9 16.4 24.6

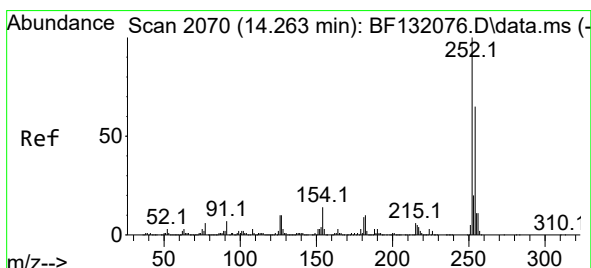
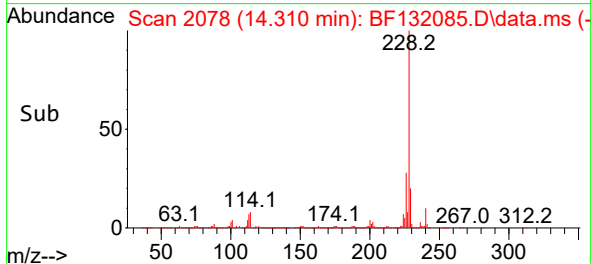
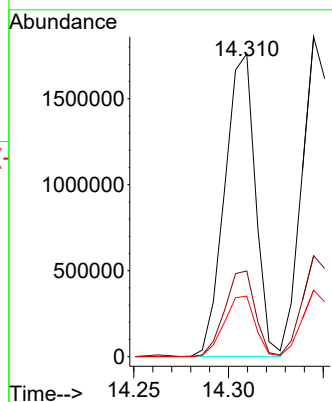
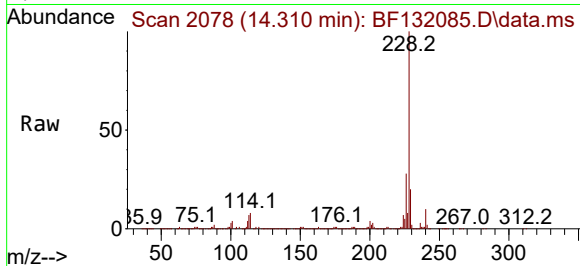




#81
Benzo(a)anthracene
Concen: 43.528 ng
RT: 14.310 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

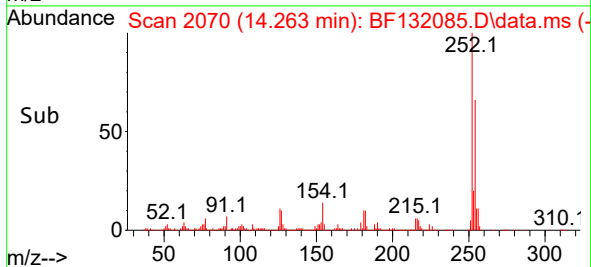
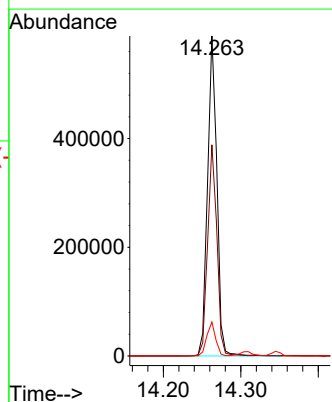
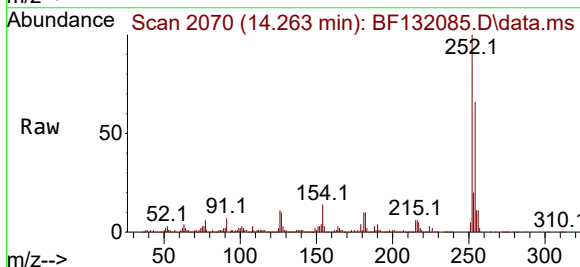
Instrument :
BNA_F
ClientSampleId :
PB150221BS

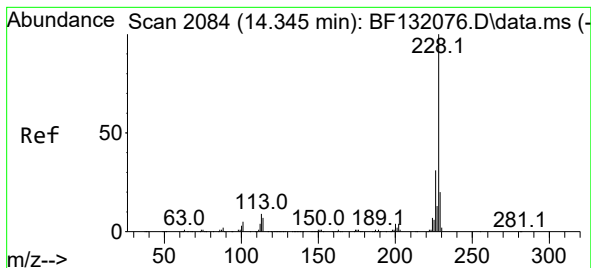
Tgt Ion:228 Resp: 1980651
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 40.909 ng
RT: 14.263 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:252 Resp: 492193
Ion Ratio Lower Upper
252 100
254 66.0 52.3 78.5
126 10.6 7.9 11.9





#83

Chrysene

Concen: 42.459 ng

RT: 14.345 min Scan# 2084

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

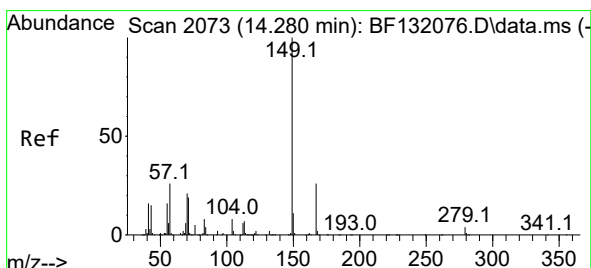
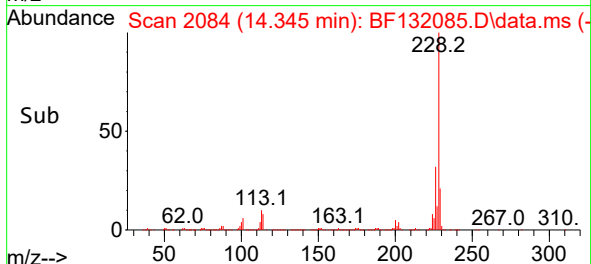
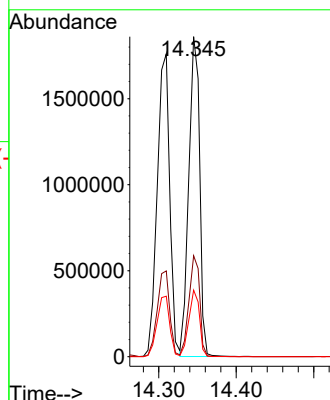
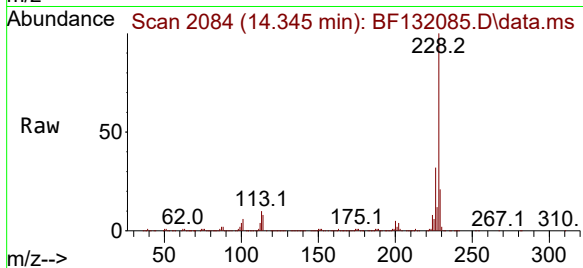
Tgt Ion:228 Resp: 1814351

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

229 20.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.924 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

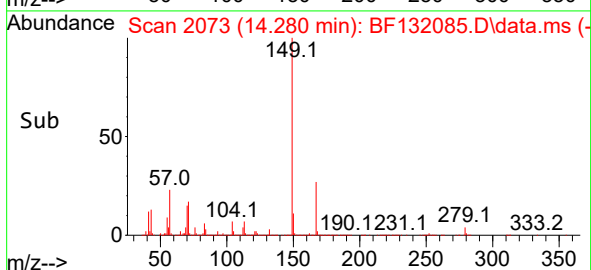
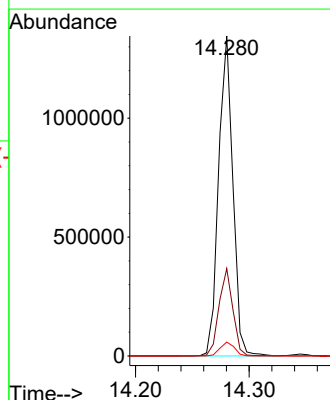
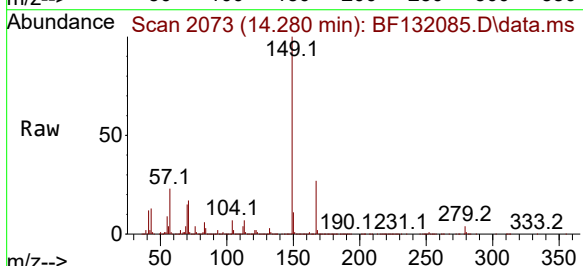
Tgt Ion:149 Resp: 1175656

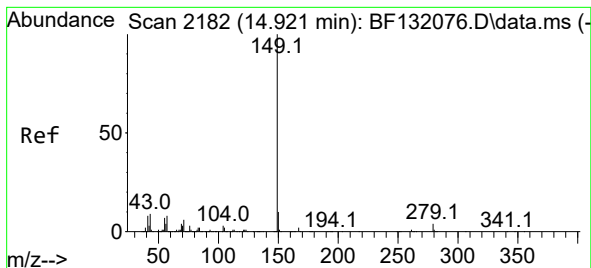
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 61.962 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

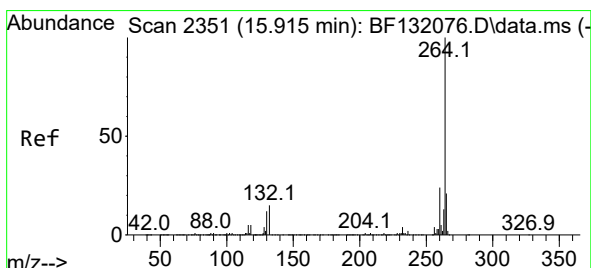
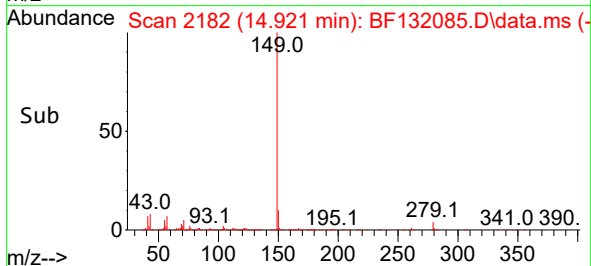
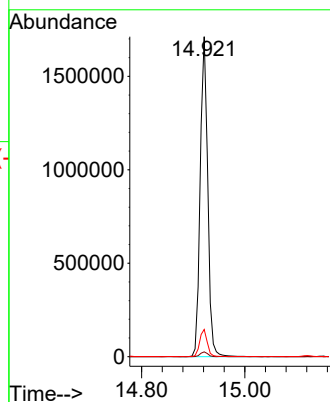
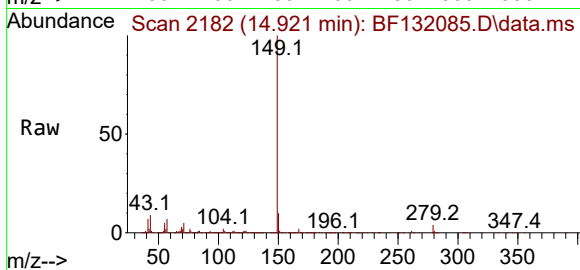
Tgt Ion:149 Resp: 1728151

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.915 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

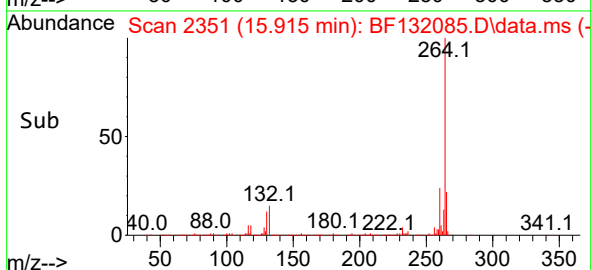
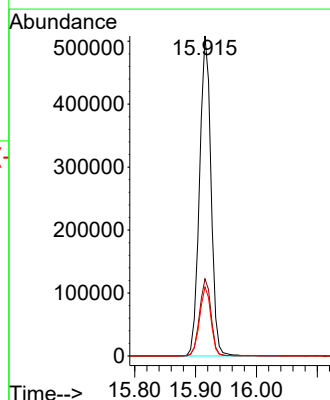
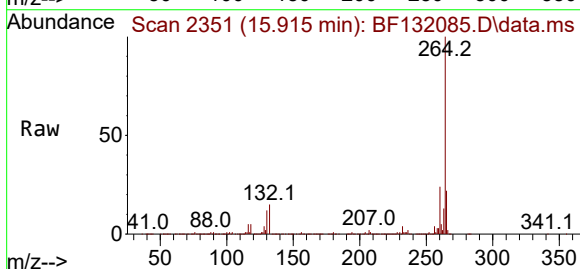
Tgt Ion:264 Resp: 663623

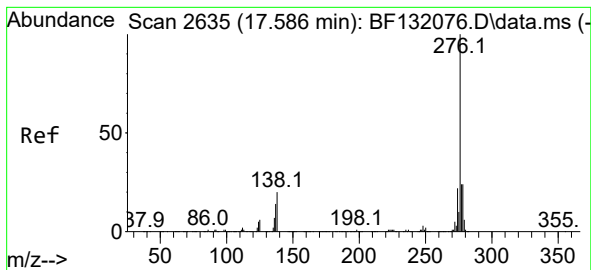
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.217 ng

RT: 17.592 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

Instrument :

BNA_F

ClientSampleId :

PB150221BS

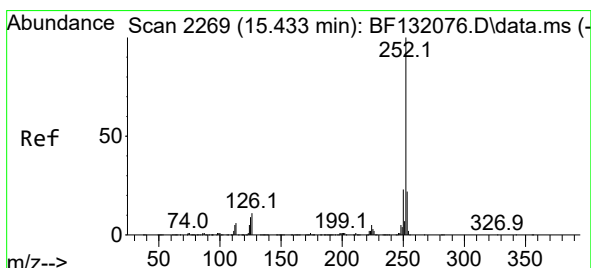
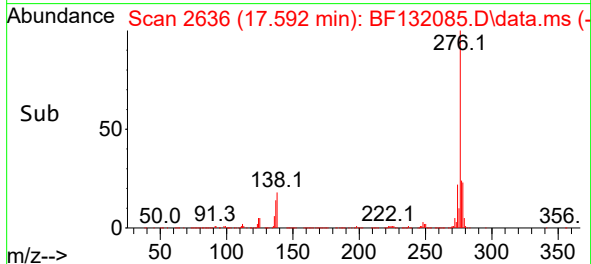
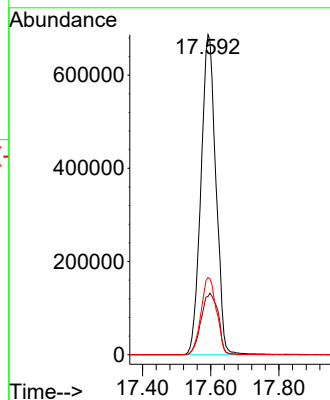
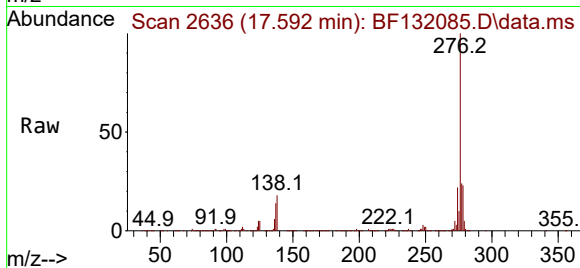
Tgt Ion:276 Resp: 2093914

Ion Ratio Lower Upper

276 100

138 22.0 19.2 28.8

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.418 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF132085.D

Acq: 16 Jan 2023 23:44

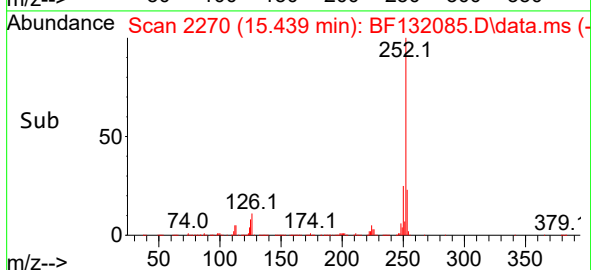
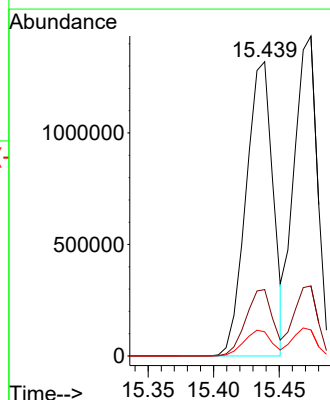
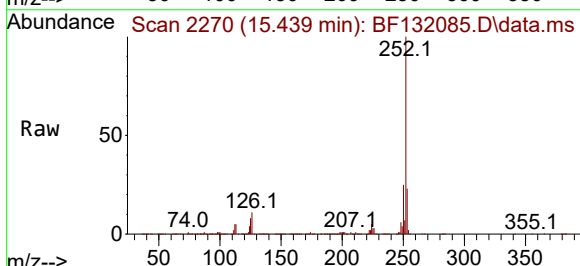
Tgt Ion:252 Resp: 1890069

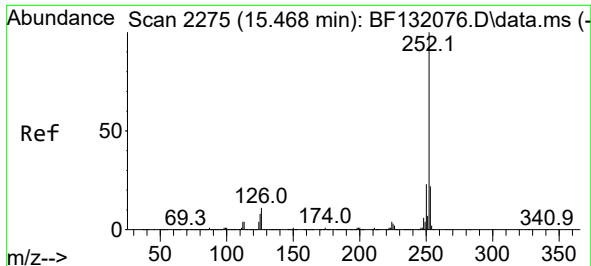
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 8.2 7.1 10.7

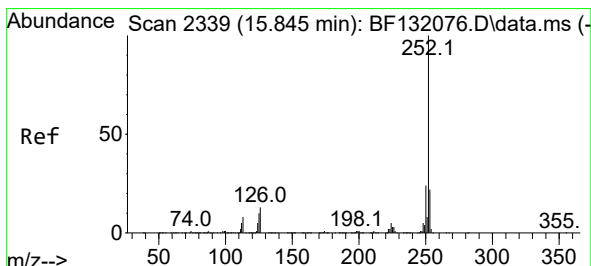
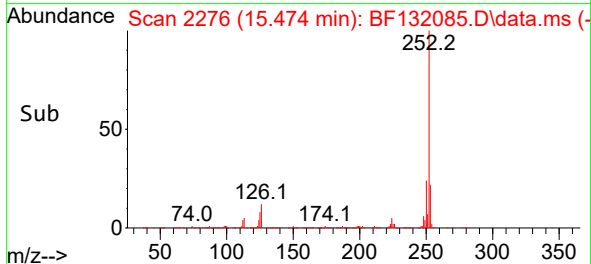
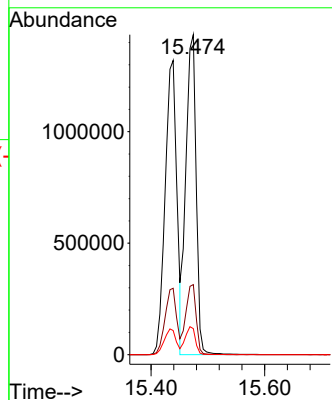
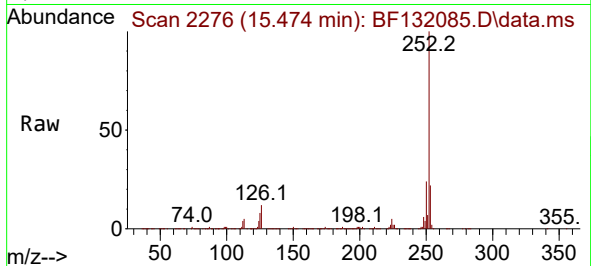




#89
Benzo(k)fluoranthene
Concen: 45.134 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

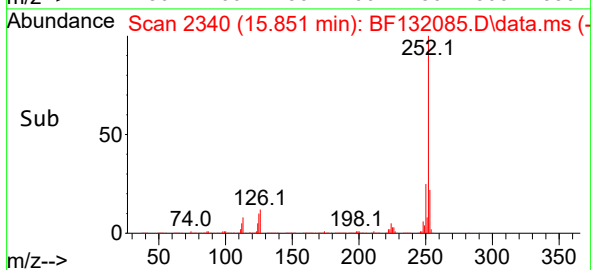
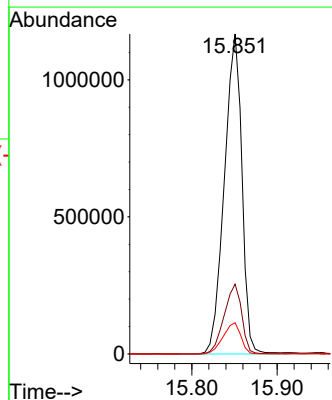
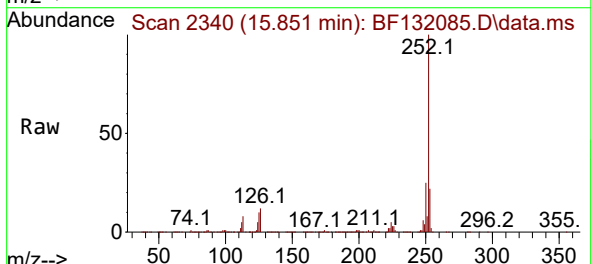
Instrument :
BNA_F
ClientSampleId :
PB150221BS

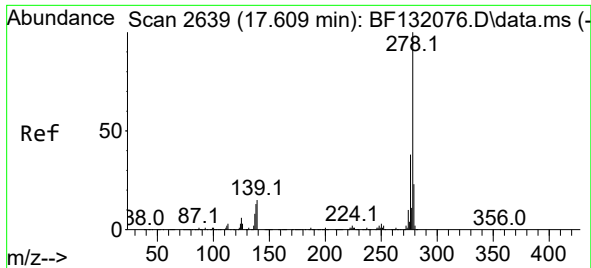
Tgt Ion:252 Resp: 1799368
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.2 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.896 ng
RT: 15.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:252 Resp: 1665921
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.7 8.3 12.5

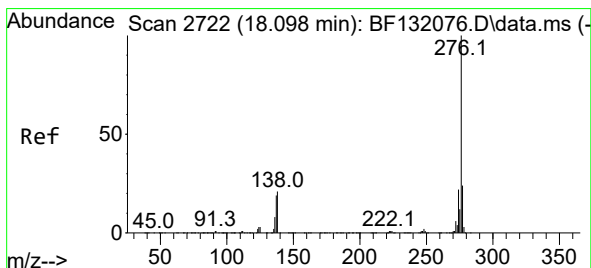
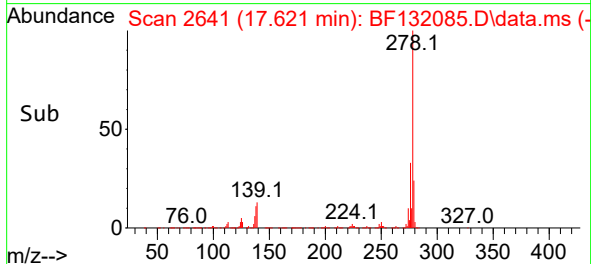
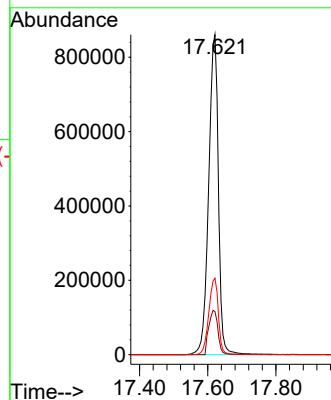
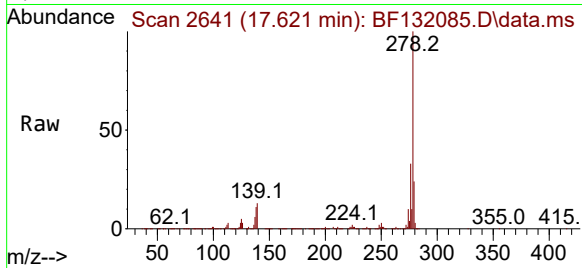




#91
Dibenzo(a,h)anthracene
Concen: 50.624 ng
RT: 17.621 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Instrument :
BNA_F
ClientSampleId :
PB150221BS

Tgt Ion:278 Resp: 1713335
Ion Ratio Lower Upper
278 100
139 13.4 11.9 17.9
279 23.9 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 50.523 ng
RT: 18.109 min Scan# 2724
Delta R.T. 0.012 min
Lab File: BF132085.D
Acq: 16 Jan 2023 23:44

Tgt Ion:276 Resp: 1768812
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 19.4 16.7 25.1

