

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132022.D
 Acq On : 11 Jan 2023 13:25
 Operator : CG\JU
 Sample : PB150096BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150096BS

Quant Time: Jan 12 00:32:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88107	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	340357	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	210151	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	390993	20.000	ng	0.00
76) Chrysene-d12	13.986	240	237075	20.000	ng	0.00
86) Perylene-d12	15.445	264	167928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	735209	137.499	ng	0.02
7) Phenol-d6	6.440	99	958637	135.220	ng	0.00
23) Nitrobenzene-d5	7.363	82	678205	82.701	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	302806	125.319	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1246435	80.068	ng	0.00
79) Terphenyl-d14	12.927	244	1519495	91.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	83223	35.637	ng	97
3) Pyridine	3.275	79	218437	33.328	ng	98
4) n-Nitrosodimethylamine	3.252	42	134177	43.560	ng	92
6) Aniline	6.445	93	221650	23.762	ng	# 1
8) 2-Chlorophenol	6.569	128	255916	47.704	ng	97
10) Phenol	6.445	94	351512	44.446	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	268760	45.080	ng	97
12) 1,3-Dichlorobenzene	6.722	146	267774	44.813	ng	98
13) 1,4-Dichlorobenzene	6.798	146	271136	44.846	ng	99
14) 1,2-Dichlorobenzene	6.951	146	257788	44.895	ng	99
15) Benzyl Alcohol	6.940	79	281731	45.634	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	328522	43.665	ng	58
17) 2-Methylphenol	7.057	107	230677	43.450	ng	91
18) Hexachloroethane	7.292	117	113043	45.212	ng	92
19) n-Nitroso-di-n-propyla...	7.210	70	220274	42.952	ng	99
20) 3+4-Methylphenols	7.210	107	301063	44.171	ng	# 81
22) Acetophenone	7.204	105	422903	42.676	ng	# 98
24) Nitrobenzene	7.375	77	341758	40.935	ng	98
25) Isophorone	7.616	82	629142	41.066	ng	98
26) 2-Nitrophenol	7.692	139	144140	43.879	ng	100
27) 2,4-Dimethylphenol	7.740	122	243218	44.357	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	348794	41.136	ng	98
29) 2,4-Dichlorophenol	7.939	162	244712	43.572	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	273074	42.454	ng	96
31) Naphthalene	8.098	128	746598	41.508	ng	100
32) Benzoic acid	7.904	122	144455	45.442	ng	93
33) 4-Chloroaniline	8.151	127	134293	18.093	ng	95
34) Hexachlorobutadiene	8.204	225	185138	41.515	ng	99
35) Caprolactam	8.551	113	41858	25.376	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	287642	43.637	ng	98
37) 2-Methylnaphthalene	8.792	142	524143	40.573	ng	99
38) 1-Methylnaphthalene	8.886	142	491444	41.061	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	300484	40.577	ng	99
41) Hexachlorocyclopentadiene	8.939	237	268614	73.742	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	185004	41.505	ng	100
44) 2,4,5-Trichlorophenol	9.128	196	196573	37.881	ng	97

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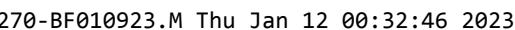
Instrument :
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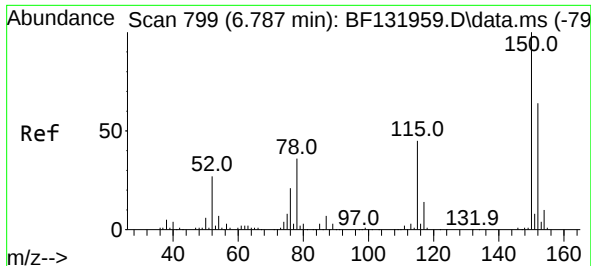
Quant Time: Jan 12 00:32:34 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	666521	41.092	ng	99
47) 2-Chloronaphthalene	9.286	162	530724	42.157	ng	97
48) 2-Nitroaniline	9.392	65	185928	40.661	ng	92
49) Acenaphthylene	9.698	152	787542	40.313	ng	99
50) Dimethylphthalate	9.569	163	670824	40.951	ng	100
51) 2,6-Dinitrotoluene	9.634	165	143524	41.658	ng	87
52) Acenaphthene	9.875	154	477553	40.723	ng	100
53) 3-Nitroaniline	9.804	138	82038	24.544	ng	92
54) 2,4-Dinitrophenol	9.922	184	161778	93.520	ng	98
55) Dibenzofuran	10.045	168	741272	40.102	ng	99
56) 4-Nitrophenol	9.992	139	146422	77.770	ng	99
57) 2,4-Dinitrotoluene	10.045	165	187956	40.804	ng	95
58) Fluorene	10.392	166	593945	40.223	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	164894	42.645	ng	93
60) Diethylphthalate	10.269	149	646104	40.112	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	335195	39.653	ng	98
62) 4-Nitroaniline	10.433	138	120339	40.038	ng	96
63) Azobenzene	10.545	77	675629	39.541	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	107931	42.805	ng	86
66) n-Nitrosodiphenylamine	10.510	169	520959	42.469	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	202882	41.479	ng	92
68) Hexachlorobenzene	10.939	284	221232	44.712	ng	95
69) Atrazine	11.039	200	139527	31.278	ng	97
70) Pentachlorophenol	11.139	266	174682	66.955	ng	98
71) Phenanthrene	11.357	178	861473	42.265	ng	99
72) Anthracene	11.410	178	865902	41.267	ng	100
73) Carbazole	11.569	167	735350	42.330	ng	99
74) Di-n-butylphthalate	11.892	149	1015202	41.970	ng	100
75) Fluoranthene	12.551	202	940283	41.019	ng	99
77) Benzidine	12.675	184	144193	18.308	ng	97
78) Pyrene	12.780	202	927590	42.899	ng	99
80) Butylbenzylphthalate	13.398	149	374068	42.859	ng	98
81) Benzo(a)anthracene	13.974	228	711122	41.229	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	159444	29.620	ng	97
83) Chrysene	14.010	228	653893	40.566	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	513828	43.455	ng	99
85) Di-n-octyl phthalate	14.568	149	707363	43.717	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	507914	49.317	ng	99
88) Benzo(b)fluoranthene	15.021	252	563845	48.954	ng	99
89) Benzo(k)fluoranthene	15.051	252	487851	42.441	ng	99
90) Benzo(a)pyrene	15.386	252	441611	42.555	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	440037	50.969	ng	98
92) Benzo(g,h,i)perylene	17.357	276	425988	46.222	ng	98

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

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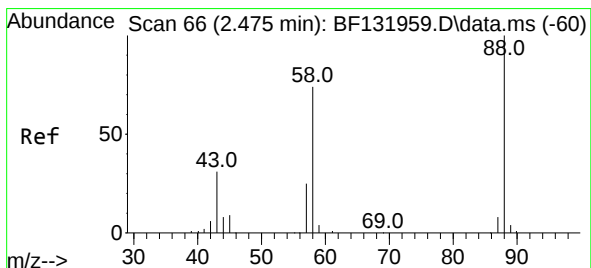
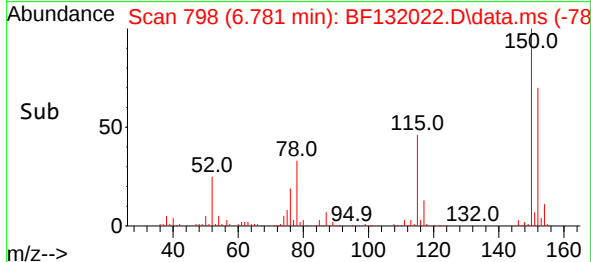
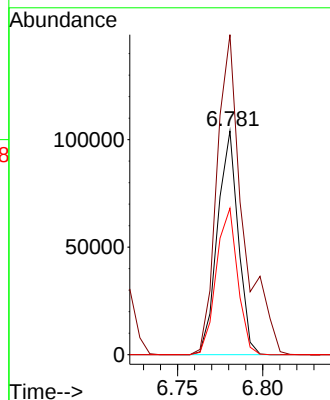
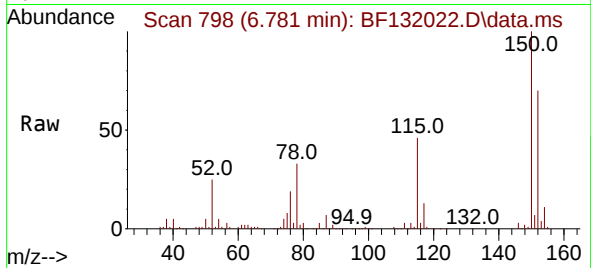




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

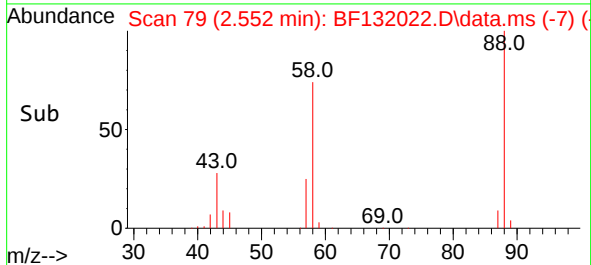
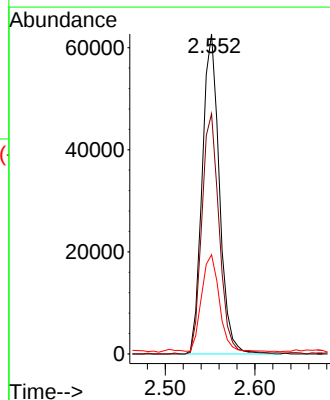
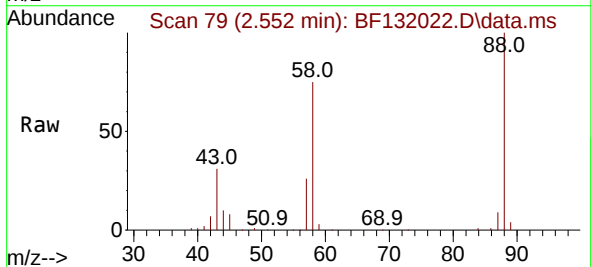
Instrument :
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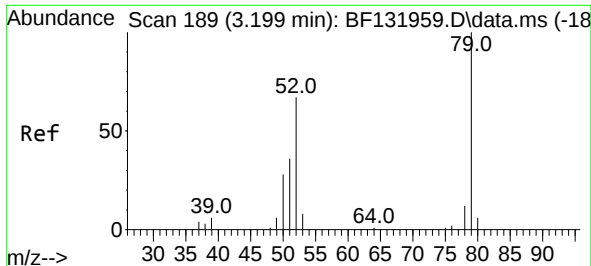
Tgt Ion:152 Resp: 88107
 Ion Ratio Lower Upper
 152 100
 150 143.0 124.6 186.8
 115 65.4 55.6 83.4



#2
 1,4-Dioxane
 Concen: 35.637 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.076 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

Tgt Ion: 88 Resp: 83223
 Ion Ratio Lower Upper
 88 100
 58 76.1 59.0 88.4
 43 32.2 24.6 37.0





#3

Pyridine

Concen: 33.328 ng

RT: 3.275 min Scan# 20

Delta R.T. 0.076 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

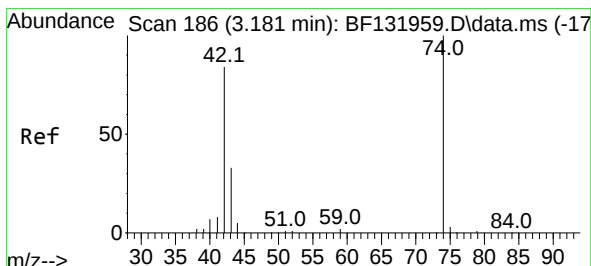
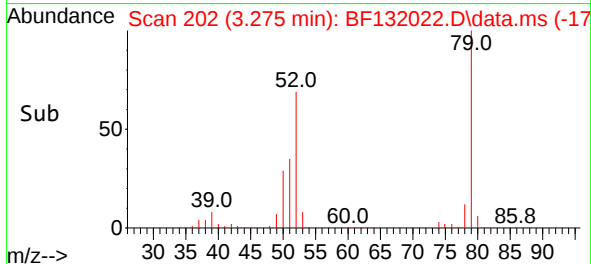
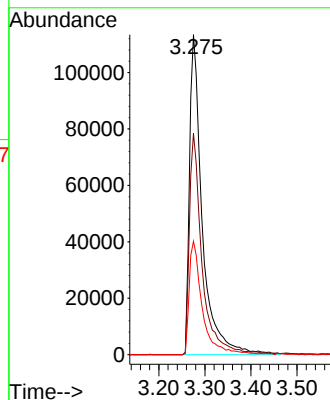
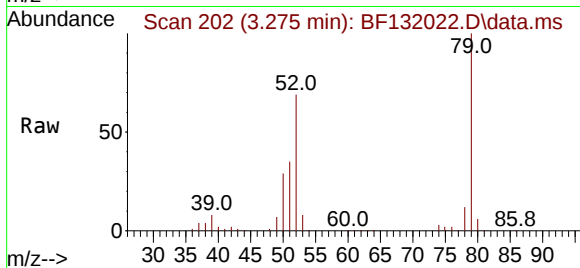
Tgt Ion: 79 Resp: 218437

Ion Ratio Lower Upper

79 100

52 69.2 53.7 80.5

51 35.4 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 43.560 ng

RT: 3.252 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

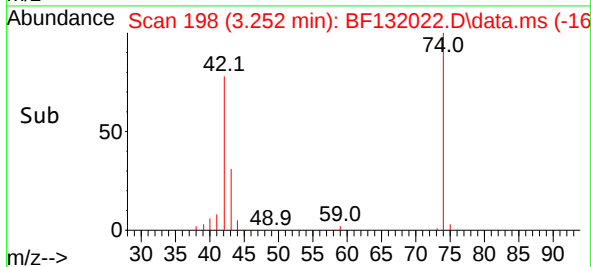
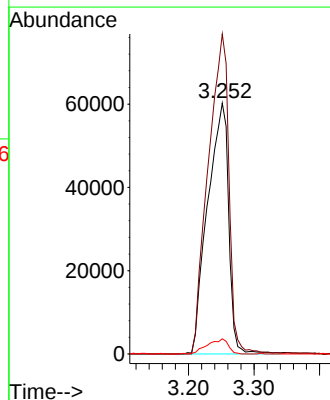
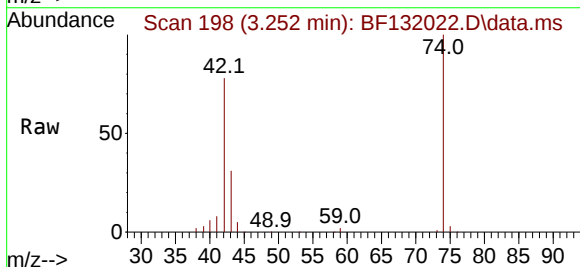
Tgt Ion: 42 Resp: 134177

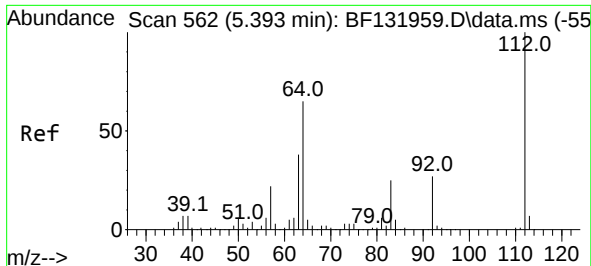
Ion Ratio Lower Upper

42 100

74 127.5 94.8 142.2

44 6.0 4.5 6.7

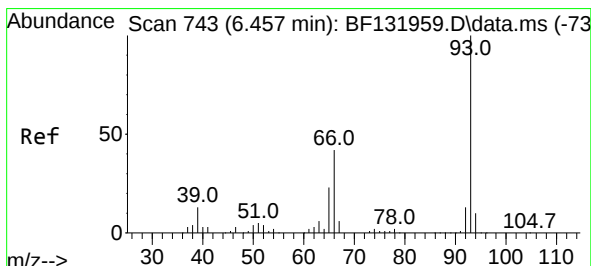
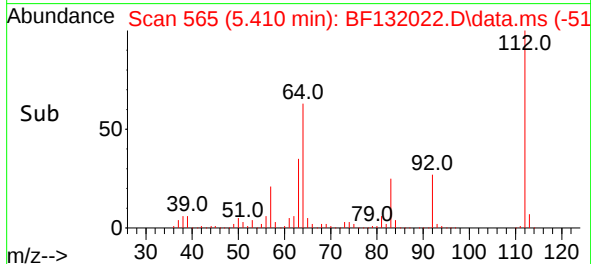
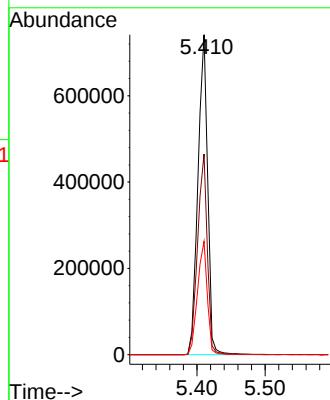
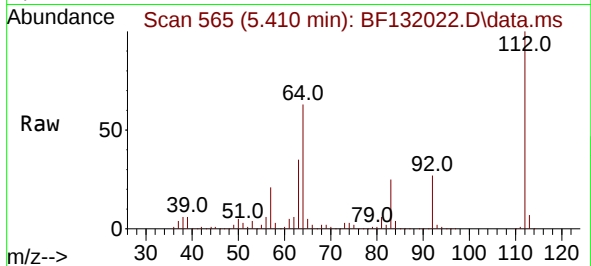




#5
2-Fluorophenol
Concen: 137.499 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

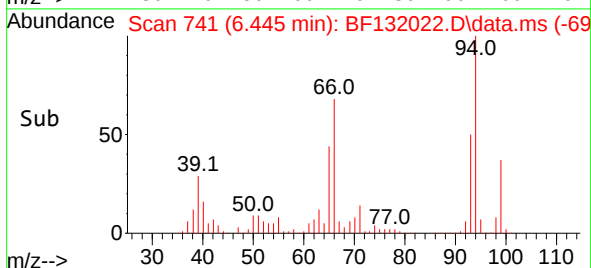
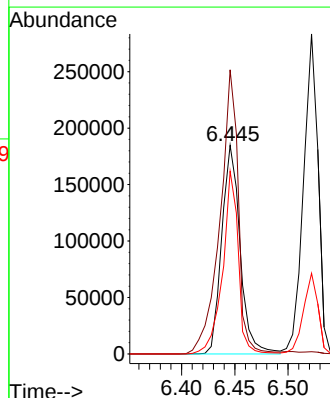
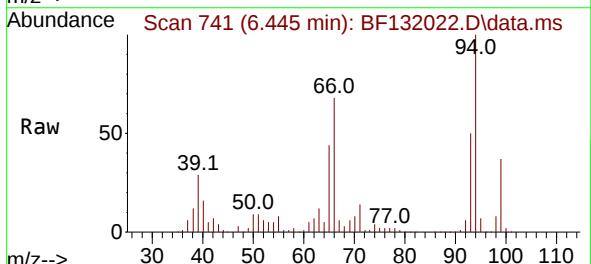
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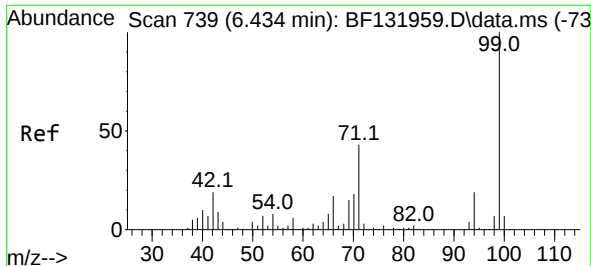
Tgt Ion:112 Resp: 735209
Ion Ratio Lower Upper
112 100
64 62.7 51.9 77.9
63 35.4 30.2 45.2



#6
Aniline
Concen: 23.762 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 93 Resp: 221650
Ion Ratio Lower Upper
93 100
66 136.2 34.6 51.8#
65 87.6 18.2 27.2#

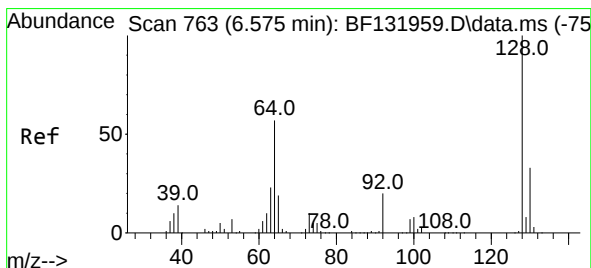
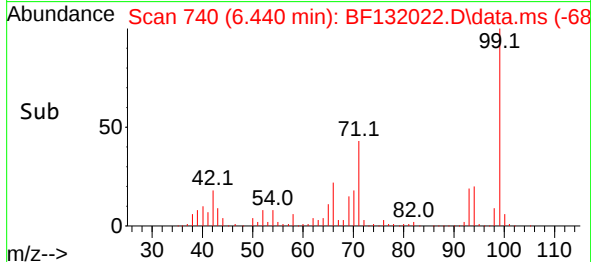
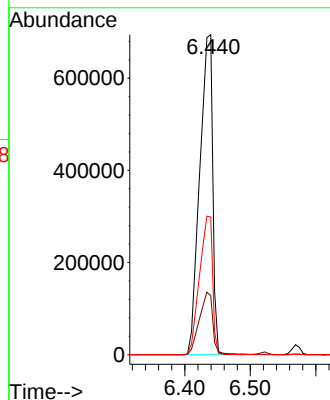
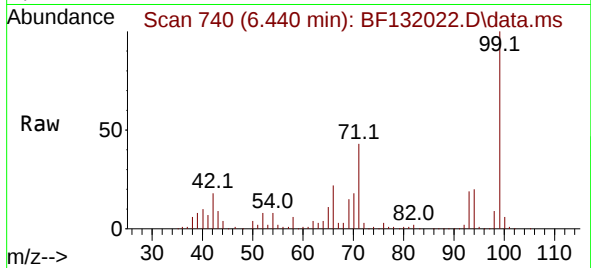




#7
Phenol-d6
Concen: 135.220 ng
RT: 6.440 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

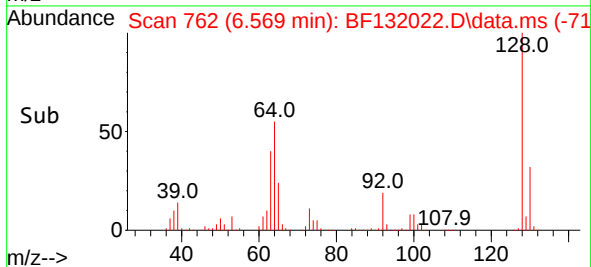
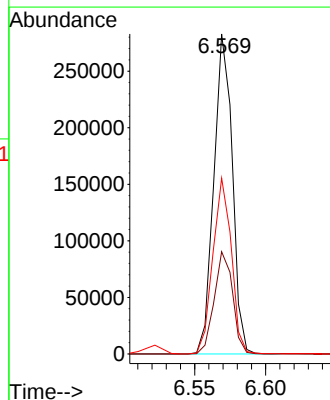
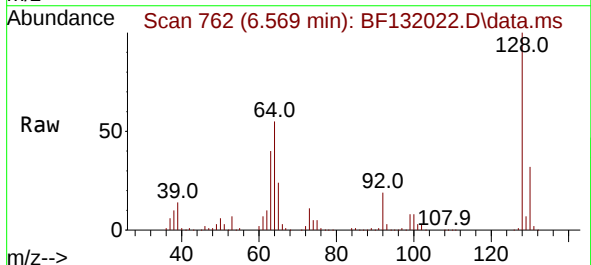
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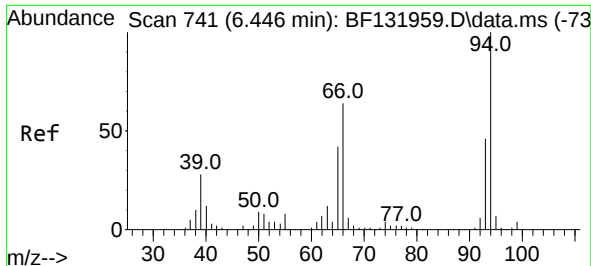
Tgt Ion: 99 Resp: 958637
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.2
71 43.0 34.6 51.8



#8
2-Chlorophenol
Concen: 47.704 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 128 Resp: 255916
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 55.0 37.6 77.6





#10

Phenol

Concen: 44.446 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

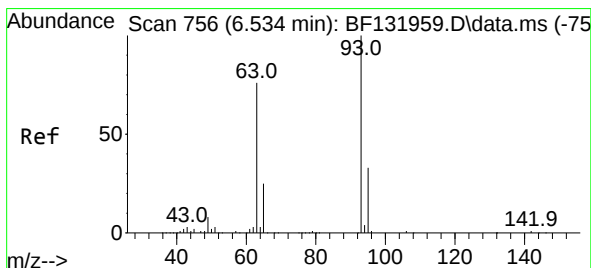
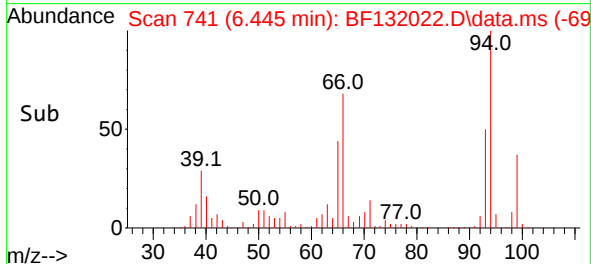
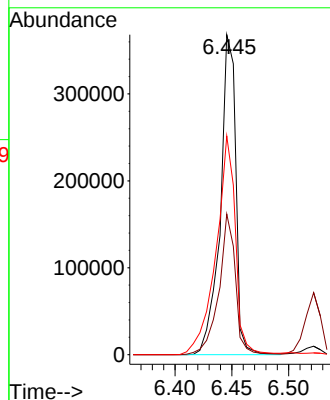
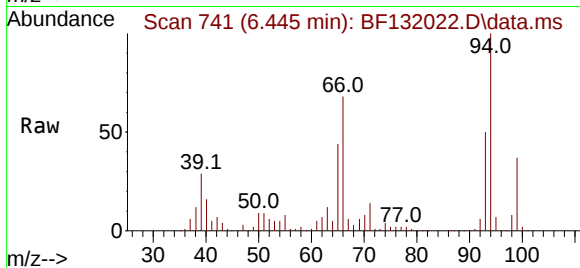
Tgt Ion: 94 Resp: 351512

Ion Ratio Lower Upper

94 100

65 44.0 22.2 62.2

66 68.4 44.4 84.4



#11

bis(2-Chloroethyl)ether

Concen: 45.080 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

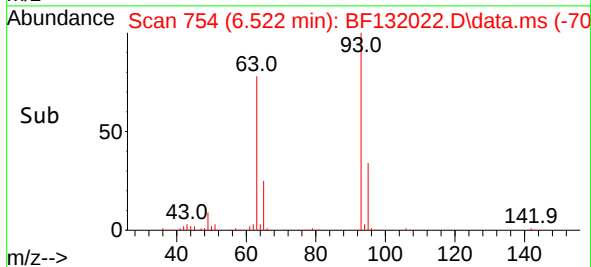
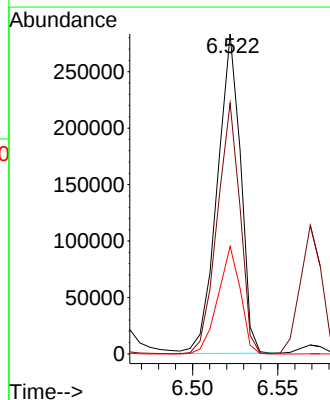
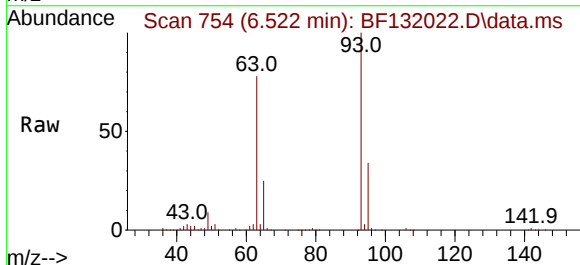
Tgt Ion: 93 Resp: 268760

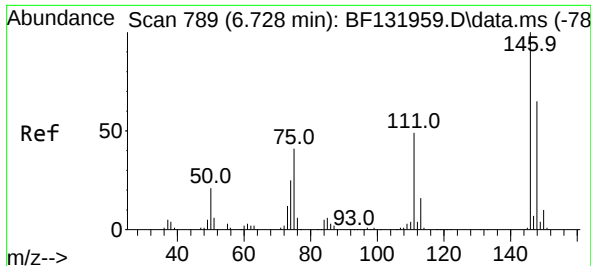
Ion Ratio Lower Upper

93 100

63 78.4 55.5 95.5

95 33.6 13.1 53.1

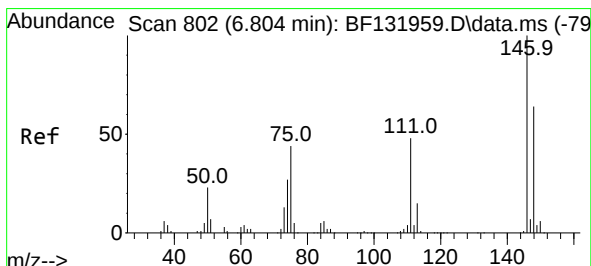
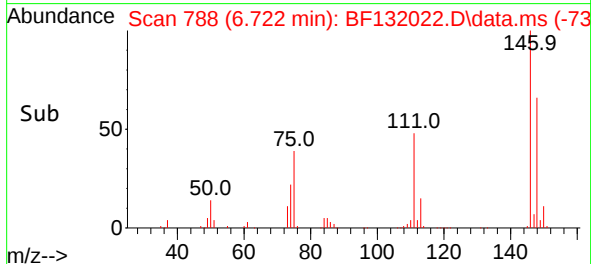
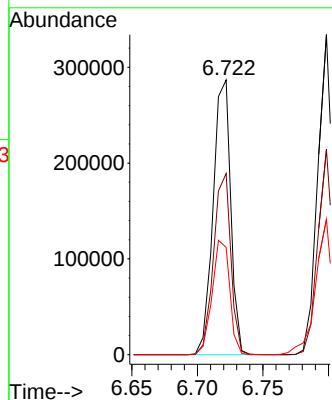
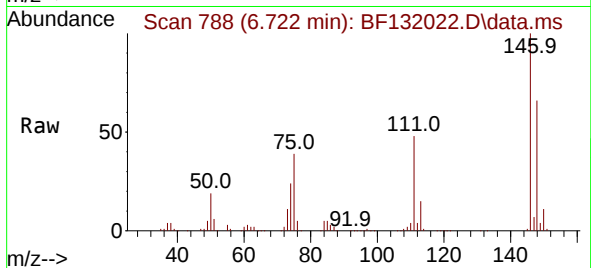




#12
1,3-Dichlorobenzene
Concen: 44.813 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

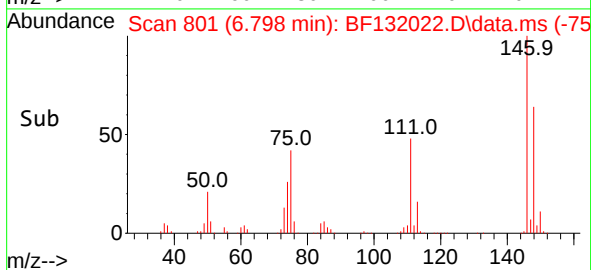
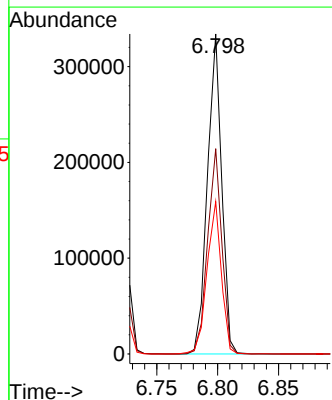
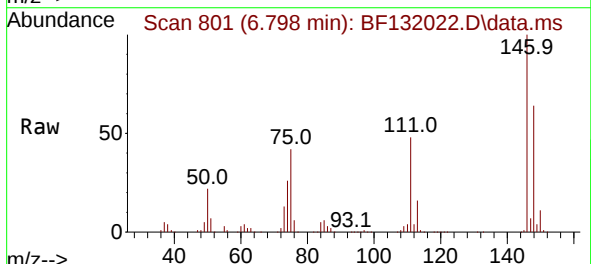
Instrument :
BNA_F
ClientSampleId :
PB150096BS

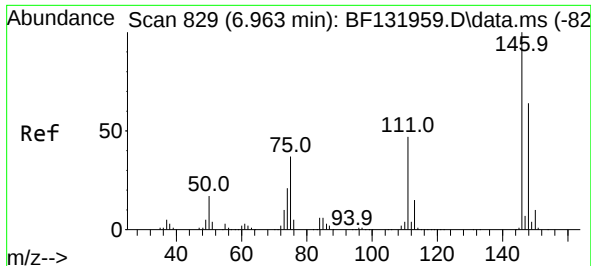
Tgt Ion:146 Resp: 267774
Ion Ratio Lower Upper
146 100
148 65.9 51.7 77.5
75 39.1 32.7 49.1



#13
1,4-Dichlorobenzene
Concen: 44.846 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:146 Resp: 271136
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 47.6 38.5 57.7

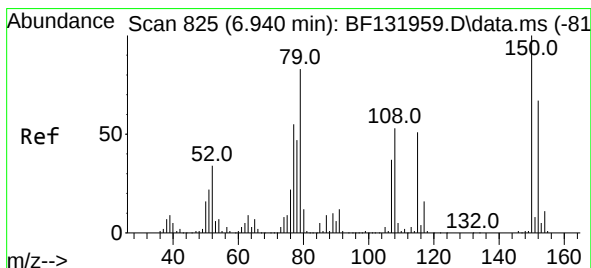
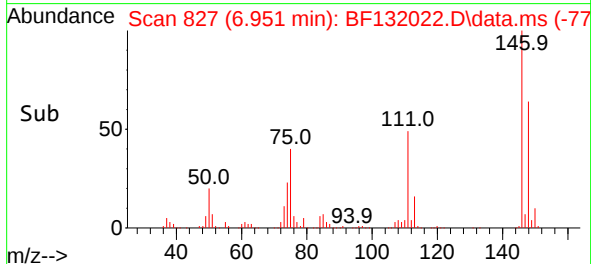
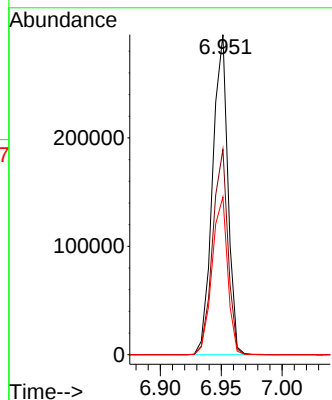
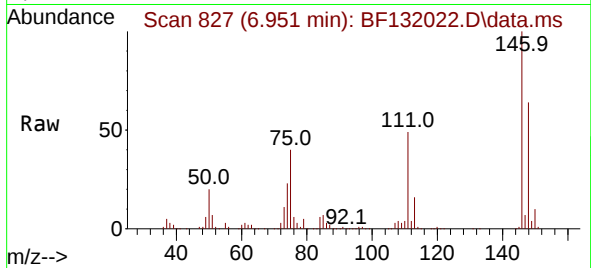




#14
1,2-Dichlorobenzene
Concen: 44.895 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

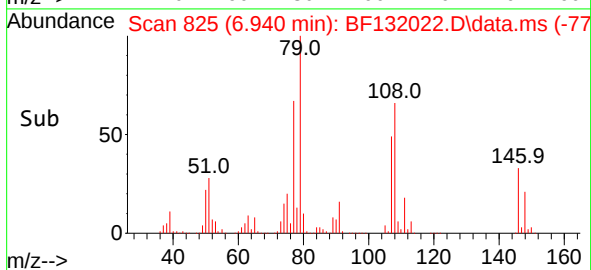
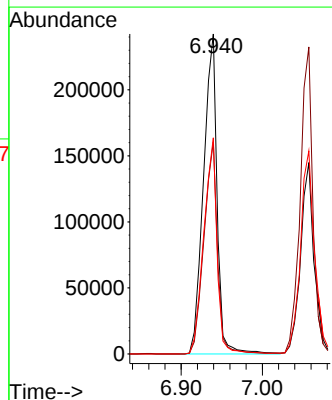
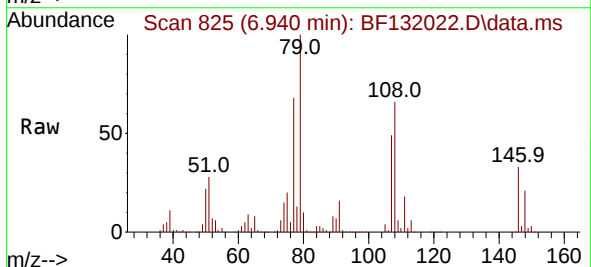
Instrument :
BNA_F
ClientSampleId :
PB150096BS

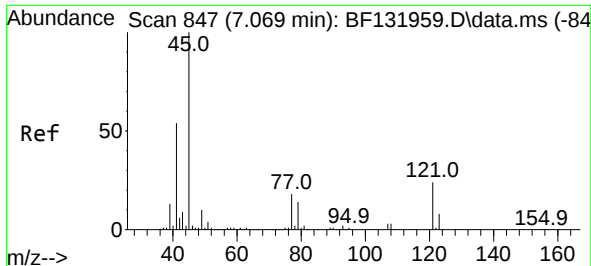
Tgt Ion:146 Resp: 257788
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 49.3 37.7 56.5



#15
Benzyl Alcohol
Concen: 45.634 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 79 Resp: 281731
Ion Ratio Lower Upper
79 100
108 66.3 51.7 77.5
77 67.5 52.9 79.3

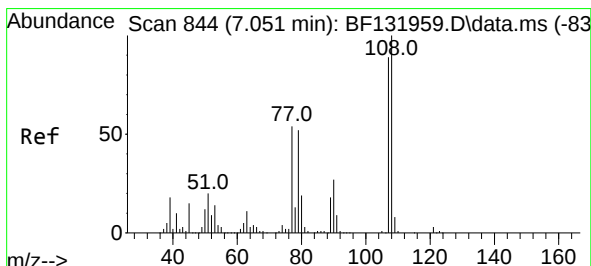
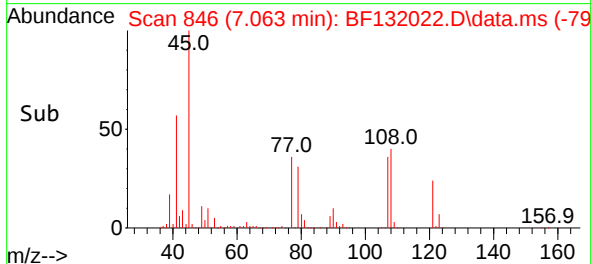
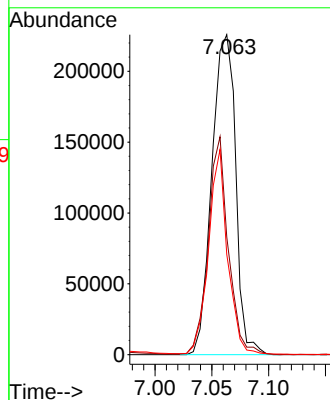
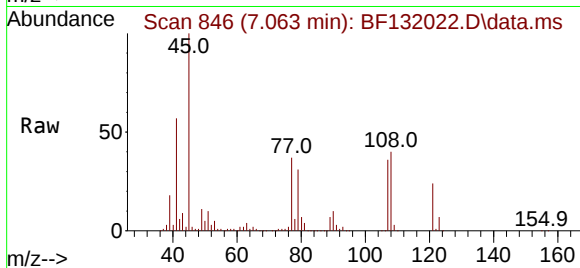




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.665 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

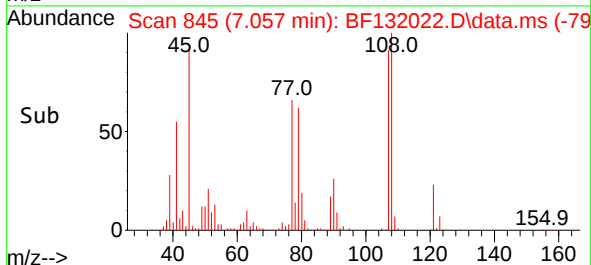
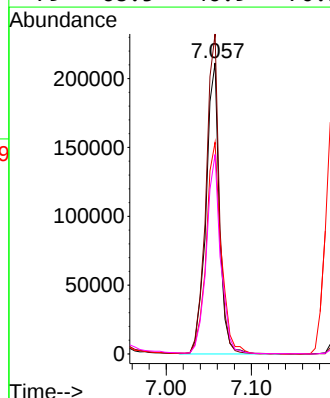
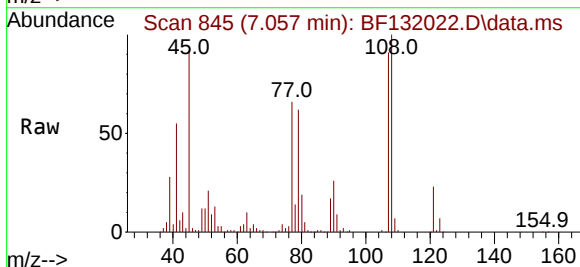
Instrument :
BNA_F
ClientSampleId :
PB150096BS

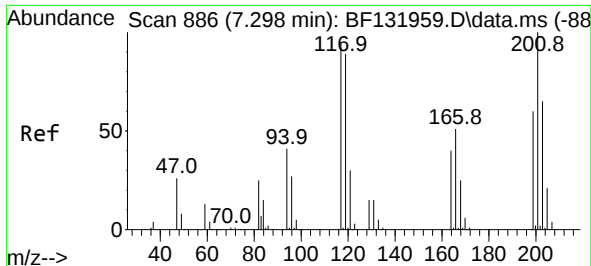
Tgt Ion: 45 Resp: 328522
Ion Ratio Lower Upper
45 100
77 36.8 0.0 38.1
79 31.3 0.0 34.6



#17
2-Methylphenol
Concen: 43.450 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:107 Resp: 230677
Ion Ratio Lower Upper
107 100
108 109.9 90.0 135.0
77 72.7 48.8 73.2
79 68.5 46.9 70.3

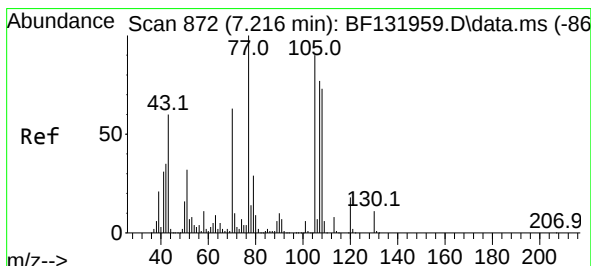
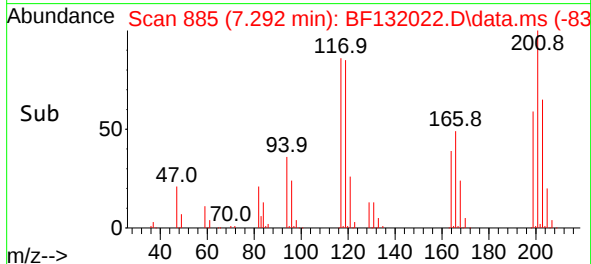
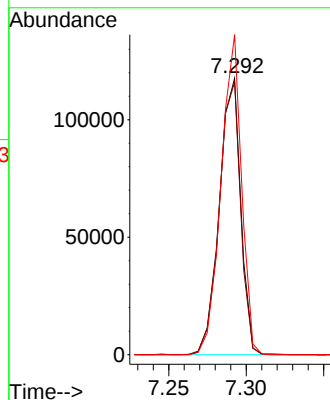
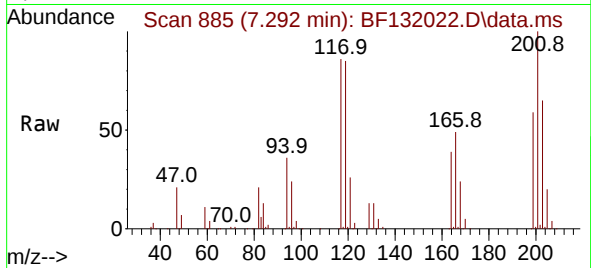




#18
Hexachloroethane
Concen: 45.212 ng
RT: 7.292 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

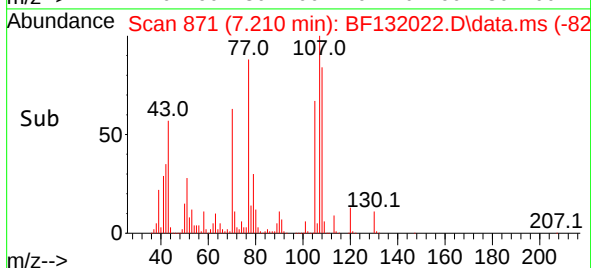
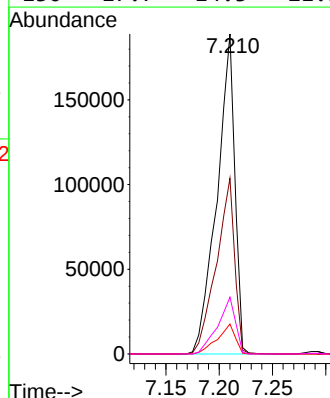
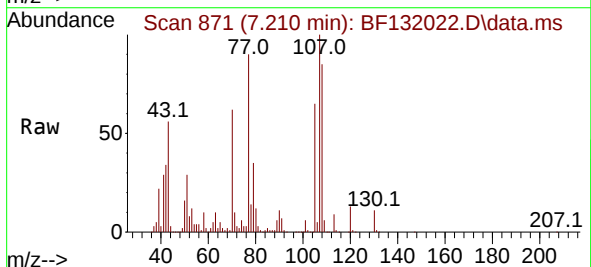
Instrument :
BNA_F
ClientSampleId :
PB150096BS

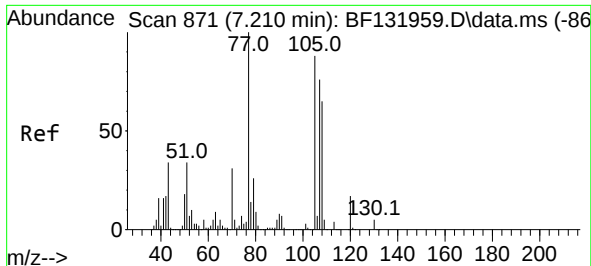
Tgt Ion:117 Resp: 113043
Ion Ratio Lower Upper
117 100
119 98.6 75.4 113.0
201 115.8 84.2 126.4



#19
n-Nitroso-di-n-propylamine
Concen: 42.952 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 70 Resp: 220274
Ion Ratio Lower Upper
70 100
42 54.9 44.3 66.5
101 9.4 7.5 11.3
130 17.7 14.3 21.5

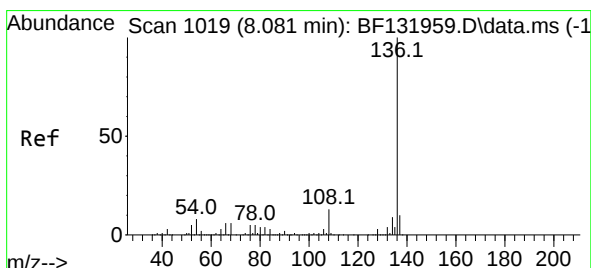
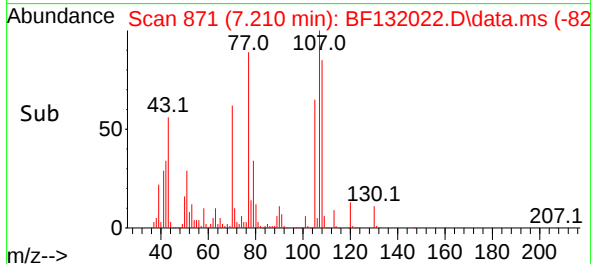
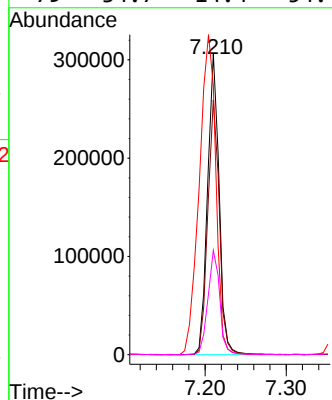
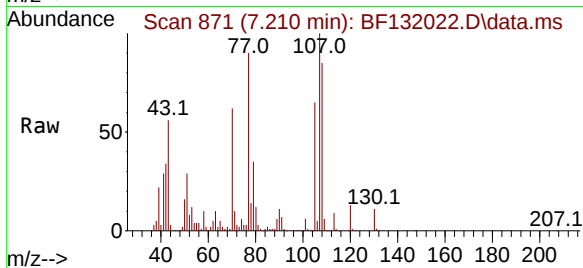




#20
3+4-Methylphenols
Concen: 44.171 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

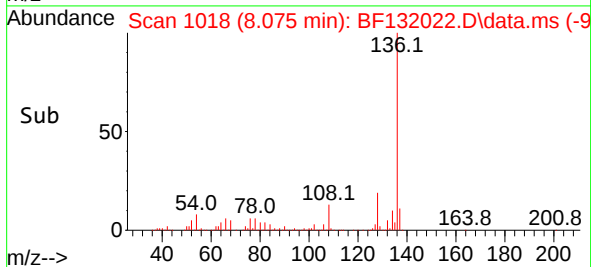
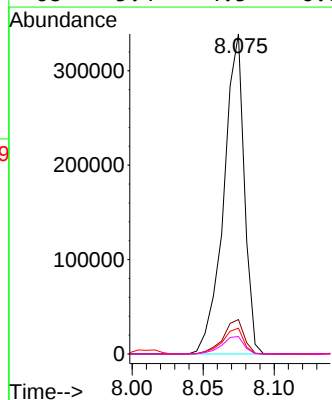
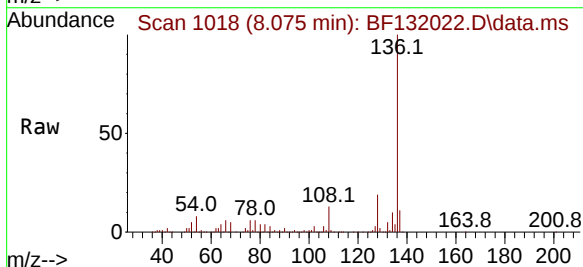
Instrument :
BNA_F
ClientSampleId :
PB150096BS

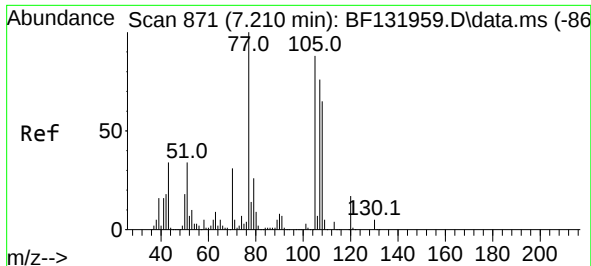
Tgt Ion:107 Resp: 301063
Ion Ratio Lower Upper
107 100
108 84.7 65.1 105.1
77 89.5 111.2 151.2#
79 34.7 14.4 54.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:136 Resp: 340357
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.1 6.6 9.8
68 5.4 4.5 6.7

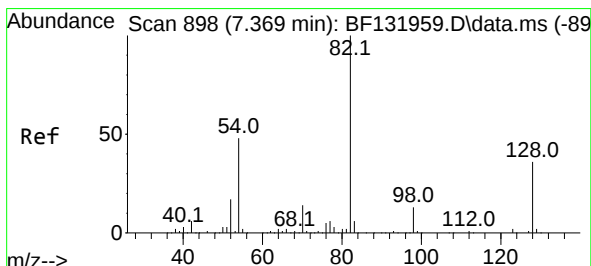
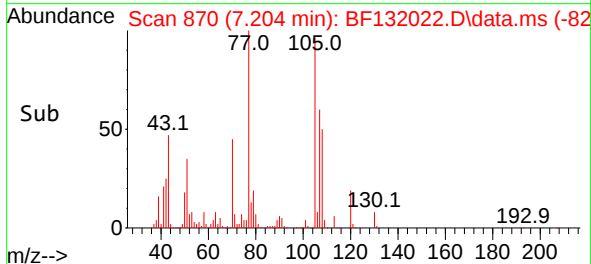
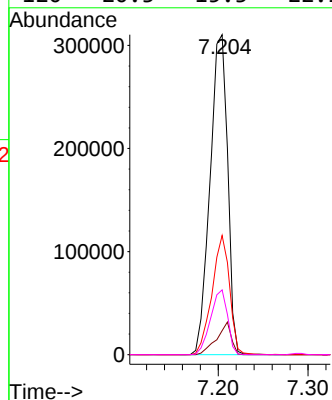
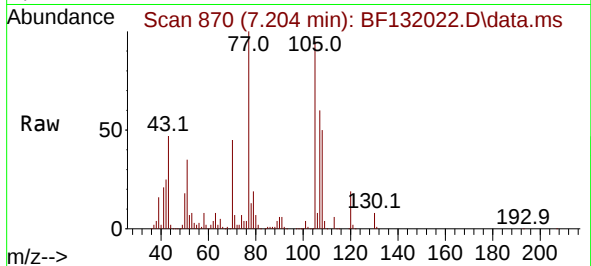




#22
Acetophenone
Concen: 42.676 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

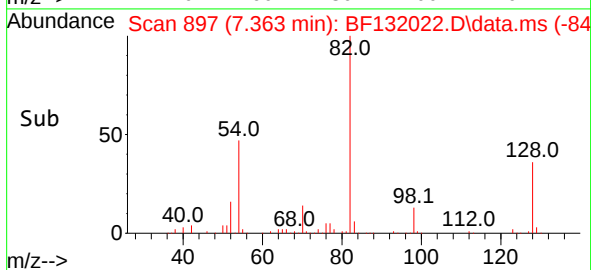
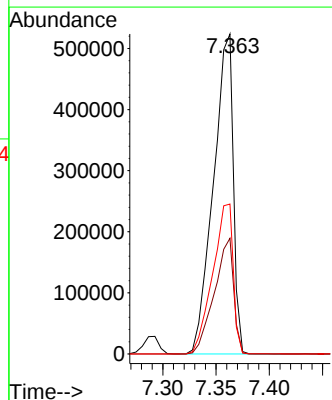
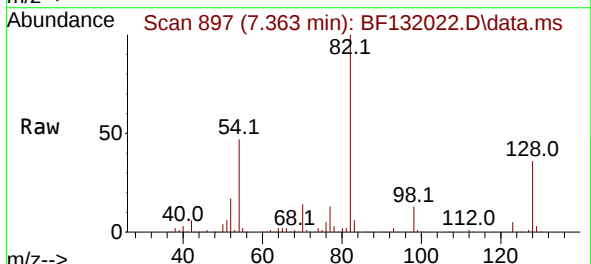
Instrument :
BNA_F
ClientSampleId :
PB150096BS

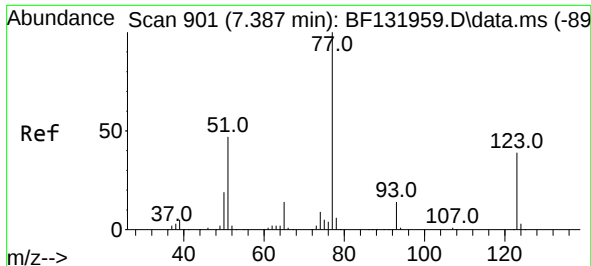
Tgt Ion:105 Resp: 422903
Ion Ratio Lower Upper
105 100
71 7.5 4.6 7.0#
51 37.2 30.6 46.0
120 20.3 15.3 22.9



#23
Nitrobenzene-d5
Concen: 82.701 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 82 Resp: 678205
Ion Ratio Lower Upper
82 100
128 36.2 28.7 43.1
54 46.8 38.1 57.1

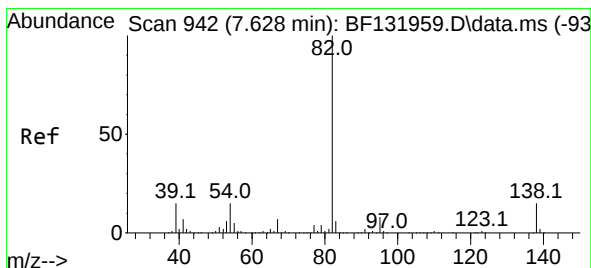
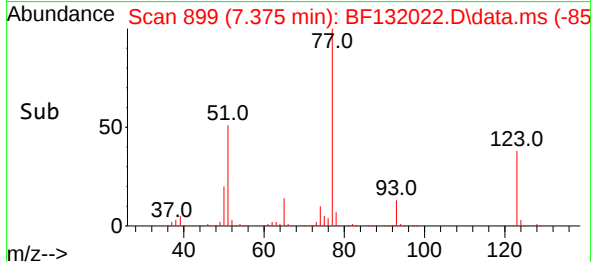
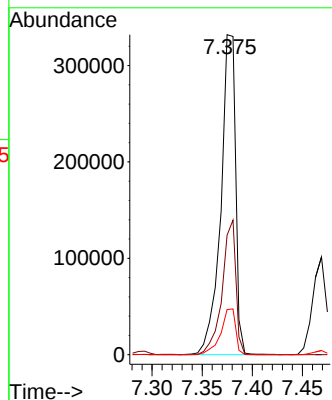
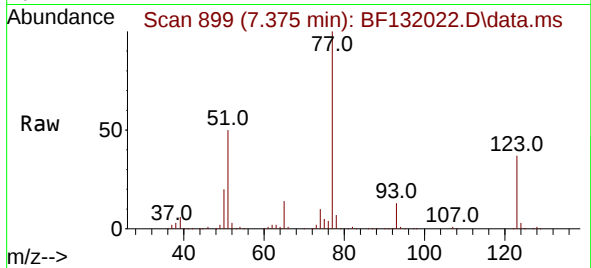




#24
Nitrobenzene
Concen: 40.935 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

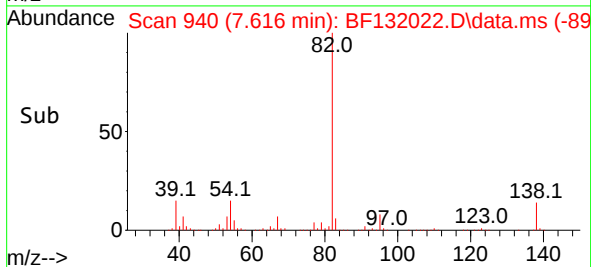
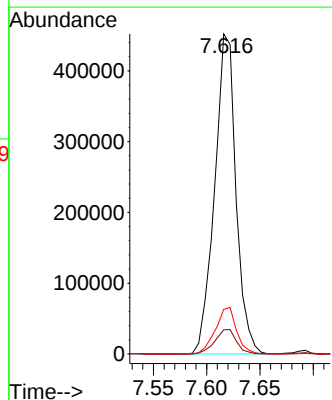
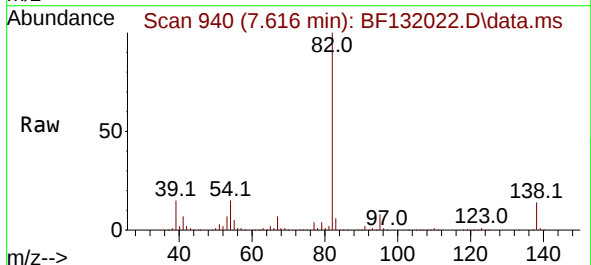
Instrument :
BNA_F
ClientSampleId :
PB150096BS

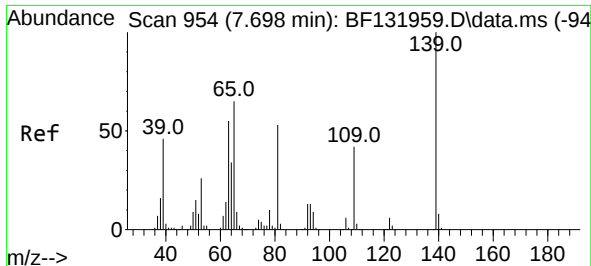
Tgt Ion: 77 Resp: 341758
Ion Ratio Lower Upper
77 100
123 37.4 30.9 46.3
65 14.1 10.8 16.2



#25
Isophorone
Concen: 41.066 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 82 Resp: 629142
Ion Ratio Lower Upper
82 100
95 7.6 6.5 9.7
138 14.0 11.9 17.9

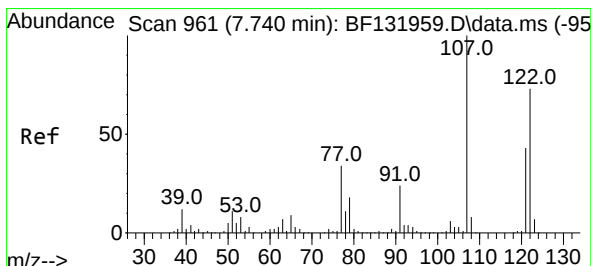
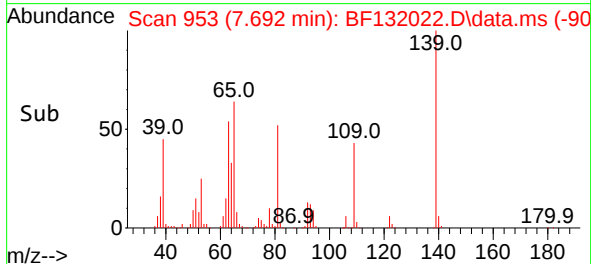
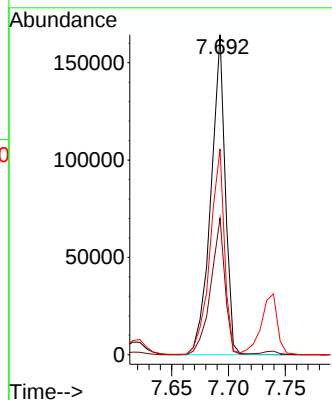
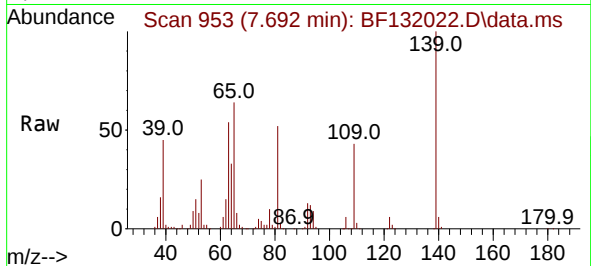




#26
2-Nitrophenol
Concen: 43.879 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

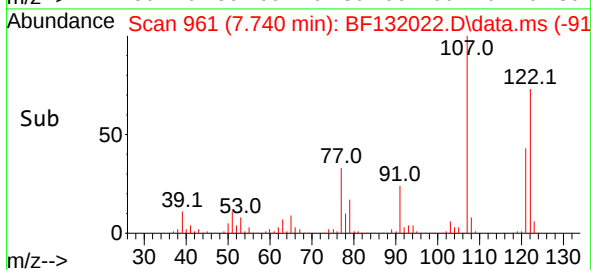
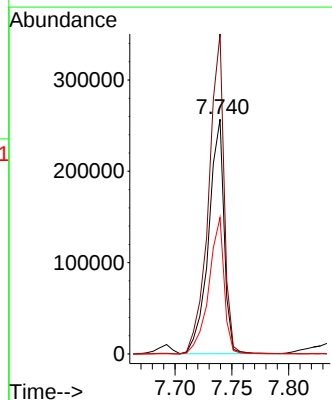
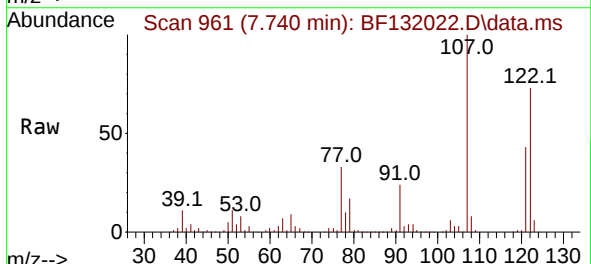
Instrument :
BNA_F
ClientSampleId :
PB150096BS

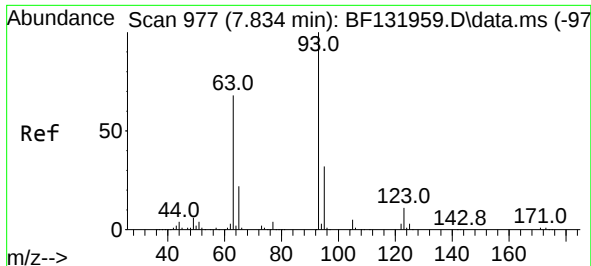
Tgt Ion:139 Resp: 144140
Ion Ratio Lower Upper
139 100
109 42.7 33.9 50.9
65 64.3 51.6 77.4



#27
2,4-Dimethylphenol
Concen: 44.357 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:122 Resp: 243218
Ion Ratio Lower Upper
122 100
107 136.3 109.4 164.0
121 58.1 47.2 70.8

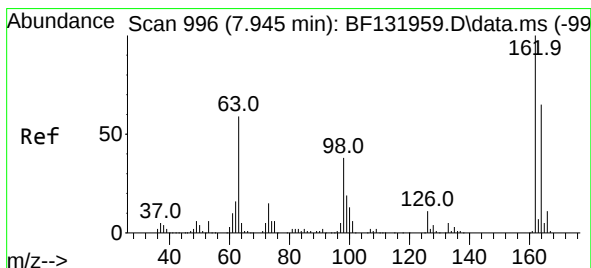
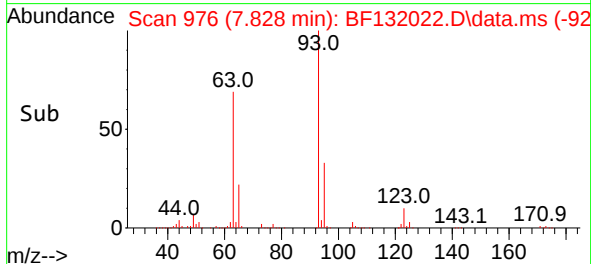
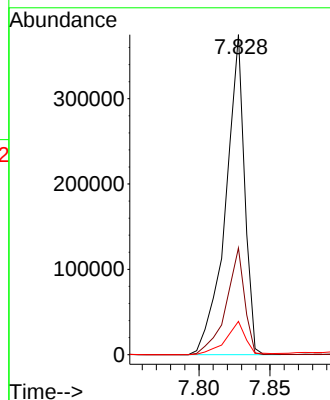
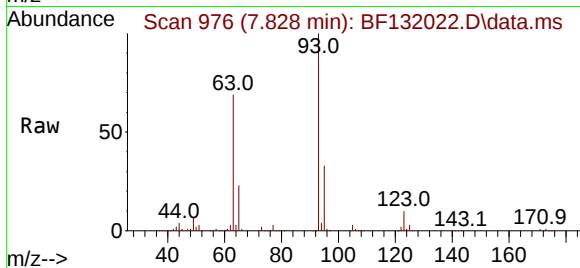




#28
bis(2-Chloroethoxy)methane
Concen: 41.136 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

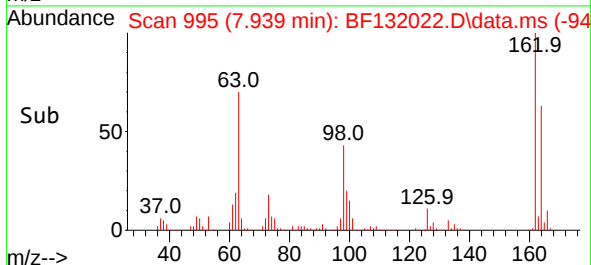
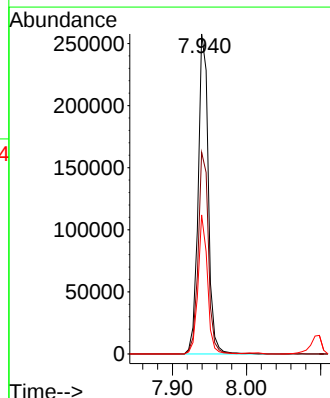
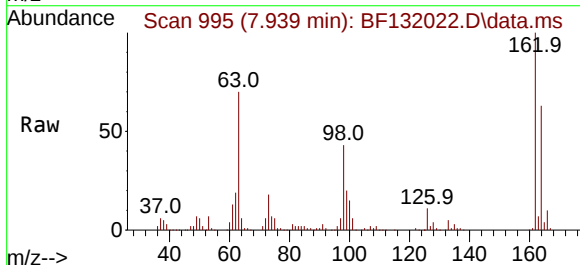
Instrument :
BNA_F
ClientSampleId :
PB150096BS

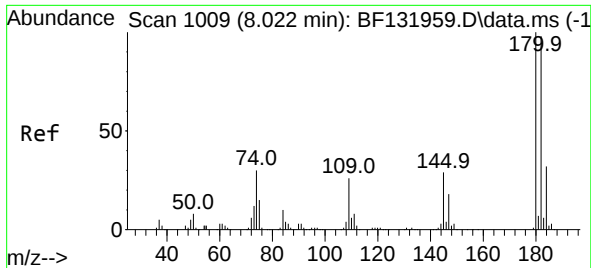
Tgt Ion: 93 Resp: 348794
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 10.4 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 43.572 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 162 Resp: 244712
Ion Ratio Lower Upper
162 100
164 63.0 45.2 85.2
98 43.5 17.5 57.5

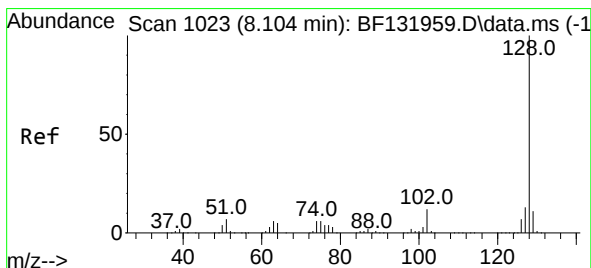
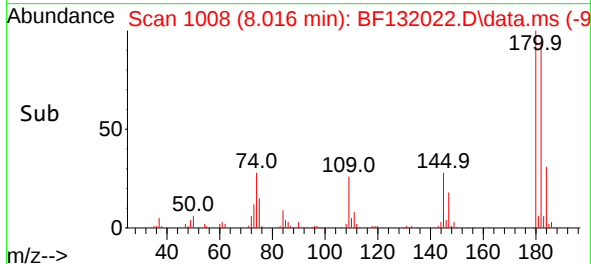
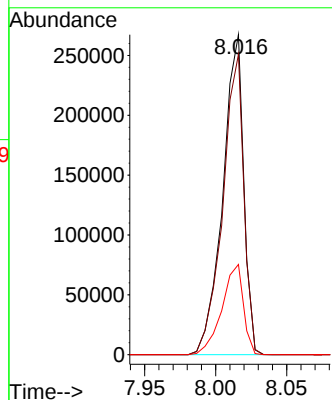
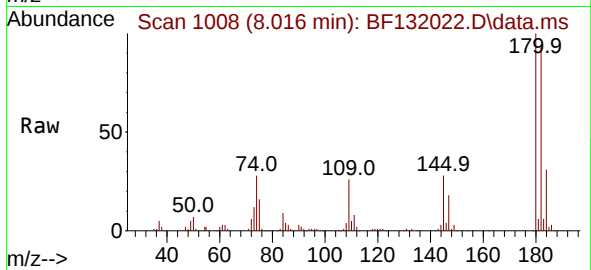




#30
1,2,4-Trichlorobenzene
Concen: 42.454 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

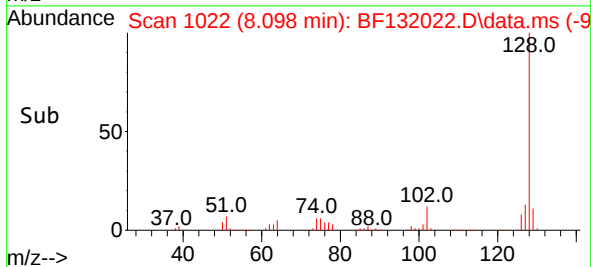
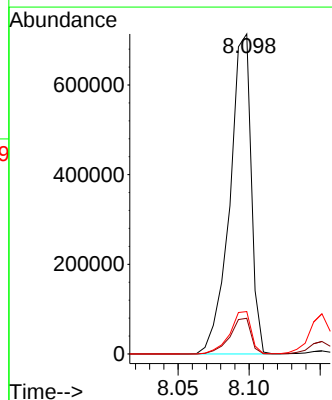
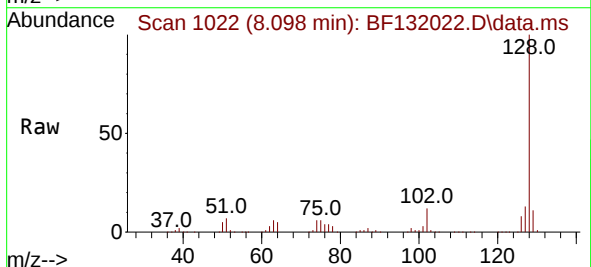
Instrument :
BNA_F
ClientSampleId :
PB150096BS

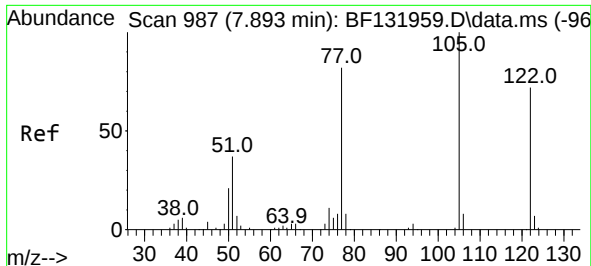
Tgt Ion:180 Resp: 273074
Ion Ratio Lower Upper
180 100
182 93.9 78.4 117.6
145 28.2 23.2 34.8



#31
Naphthalene
Concen: 41.508 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:128 Resp: 746598
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.5 15.7

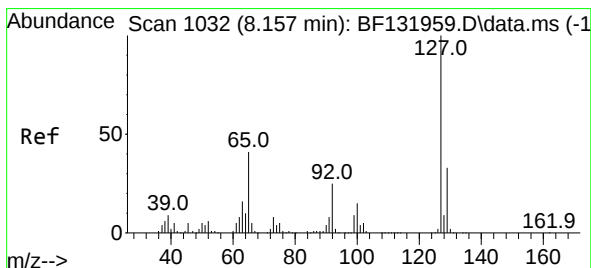
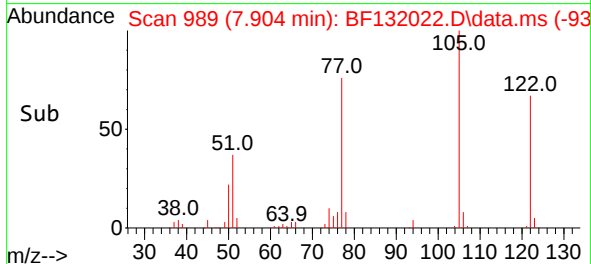
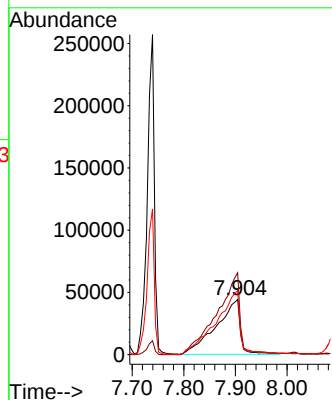
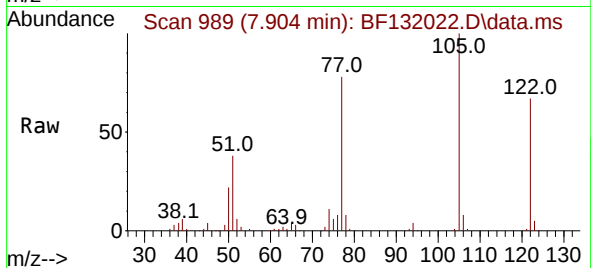




#32
Benzoic acid
Concen: 45.442 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.011 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

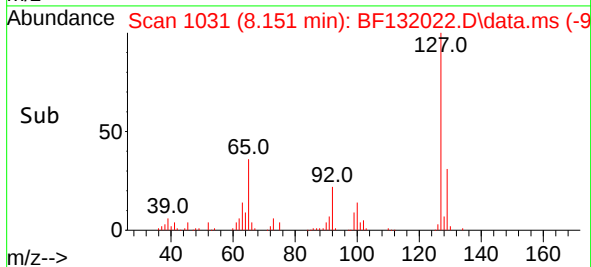
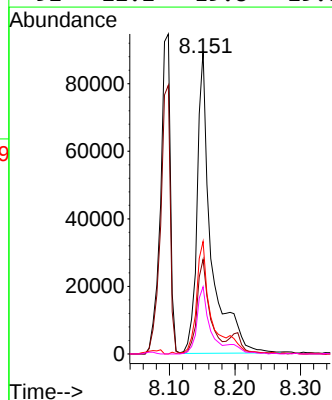
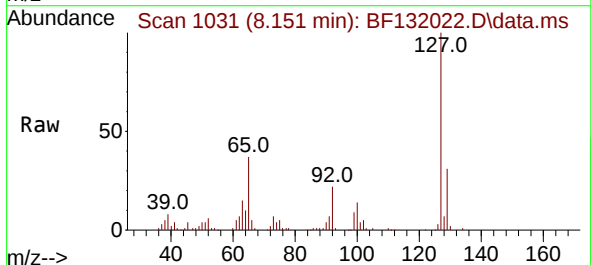
Instrument :
BNA_F
ClientSampleId :
PB150096BS

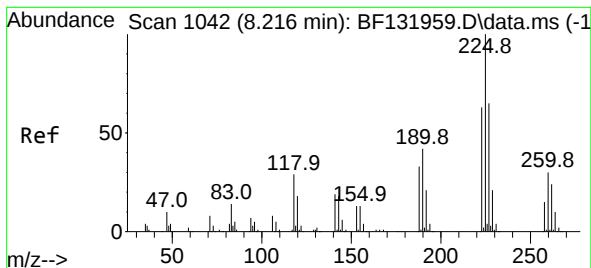
Tgt Ion:122 Resp: 144455
Ion Ratio Lower Upper
122 100
105 148.5 116.3 156.3
77 115.9 92.7 132.7



#33
4-Chloroaniline
Concen: 18.093 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:127 Resp: 134293
Ion Ratio Lower Upper
127 100
129 31.2 26.5 39.7
65 37.1 33.1 49.7
92 22.2 19.8 29.8





#34

Hexachlorobutadiene

Concen: 41.515 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

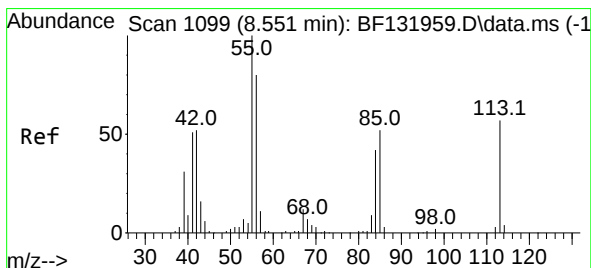
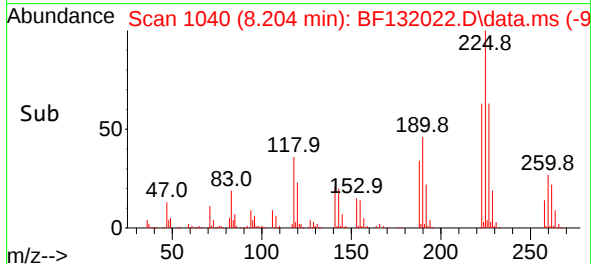
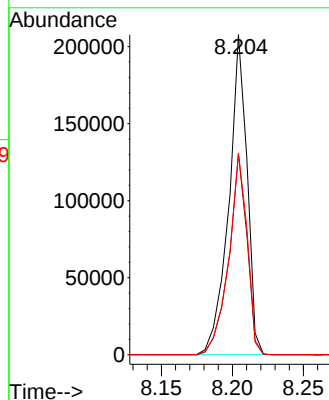
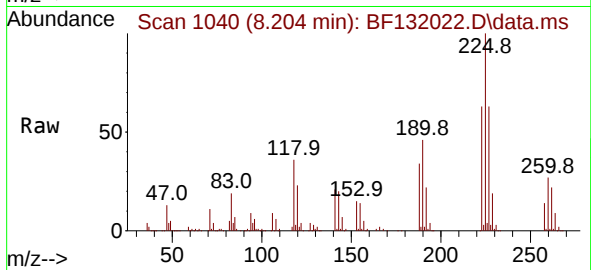
Tgt Ion:225 Resp: 185138

Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

227 63.1 51.6 77.4



#35

Caprolactam

Concen: 25.376 ng

RT: 8.551 min Scan# 1099

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

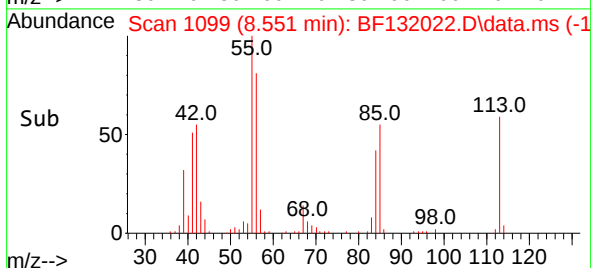
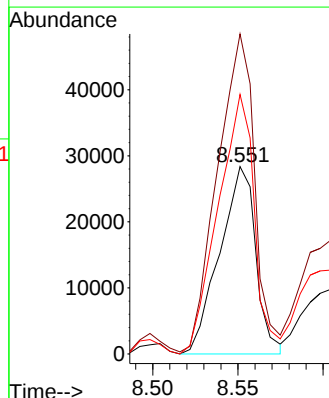
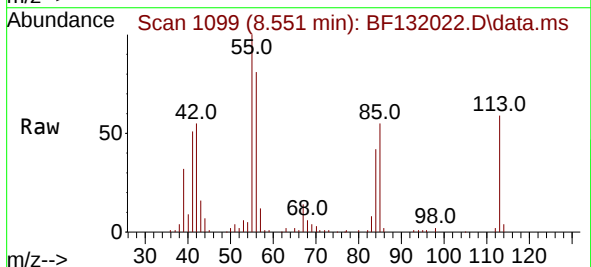
Tgt Ion:113 Resp: 41858

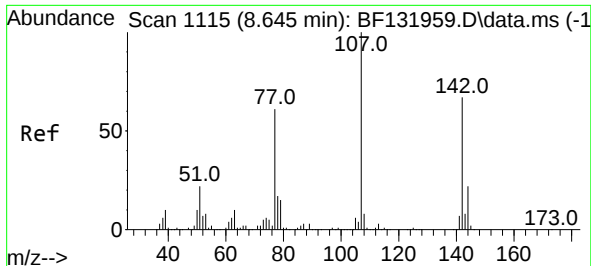
Ion Ratio Lower Upper

113 100

55 170.8 154.4 194.4

56 138.5 119.6 159.6

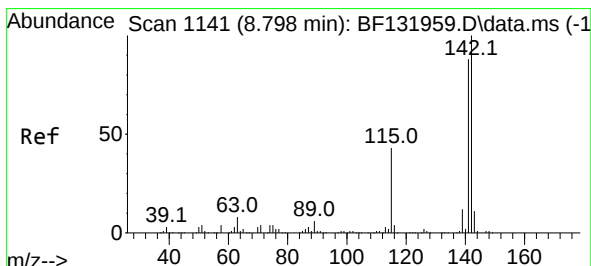
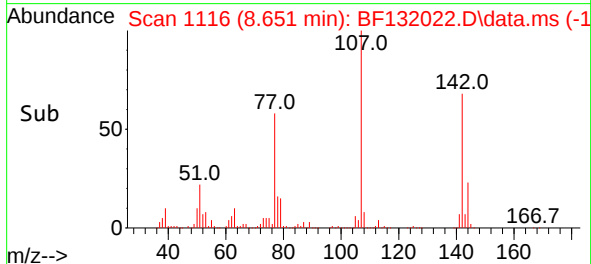
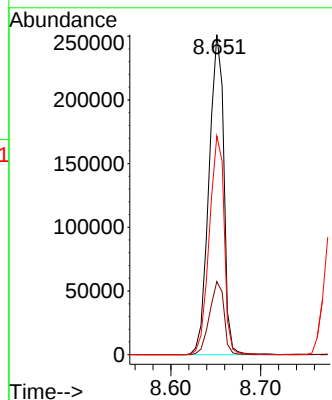
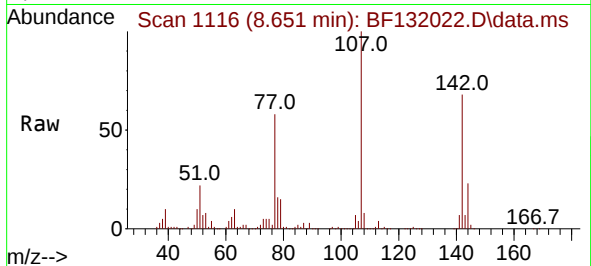




#36
4-Chloro-3-methylphenol
Concen: 43.637 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

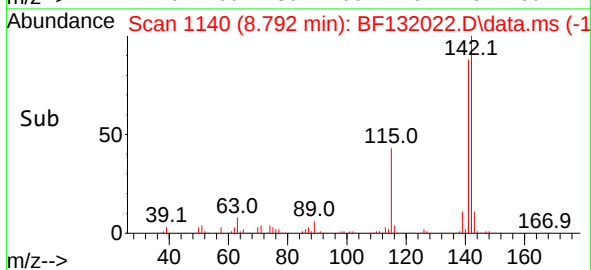
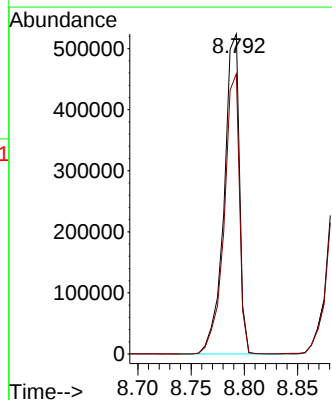
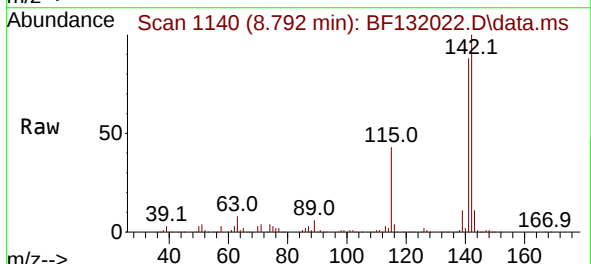
Instrument :
BNA_F
ClientSampleId :
PB150096BS

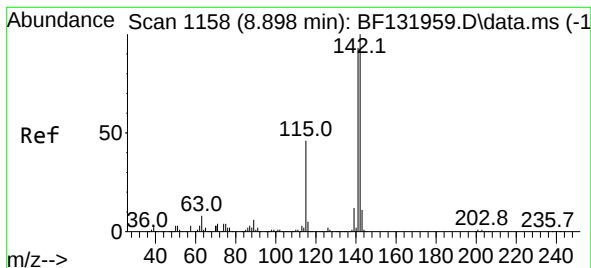
Tgt Ion:107 Resp: 287642
Ion Ratio Lower Upper
107 100
144 22.9 17.4 26.2
142 68.4 53.7 80.5



#37
2-Methylnaphthalene
Concen: 40.573 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:142 Resp: 524143
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0





#38

1-Methylnaphthalene

Concen: 41.061 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

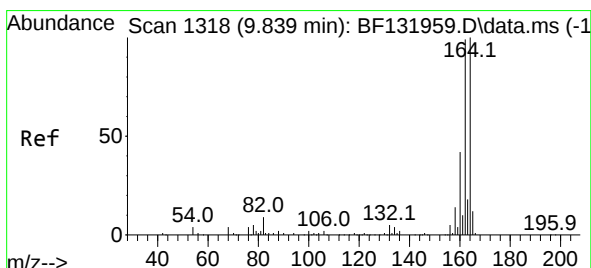
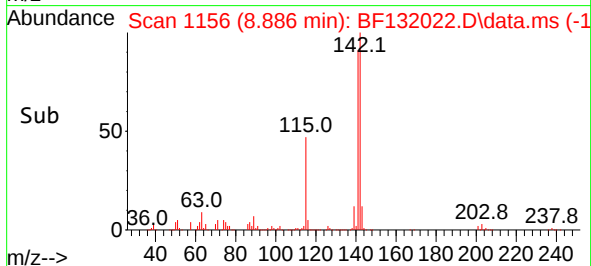
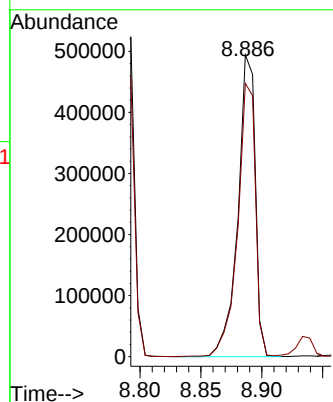
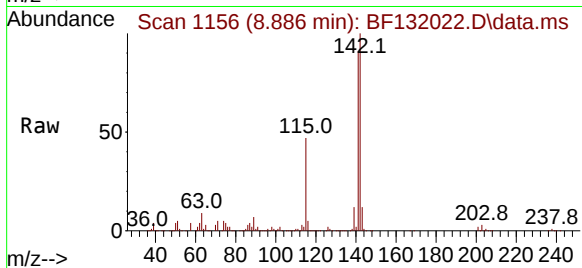
PB150096BS

Tgt Ion:142 Resp: 491444

Ion Ratio Lower Upper

142 100

141 90.5 74.3 111.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

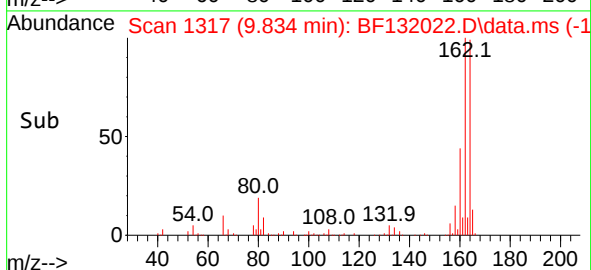
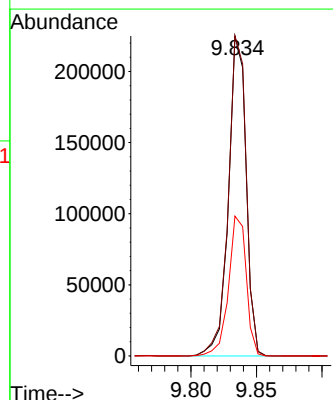
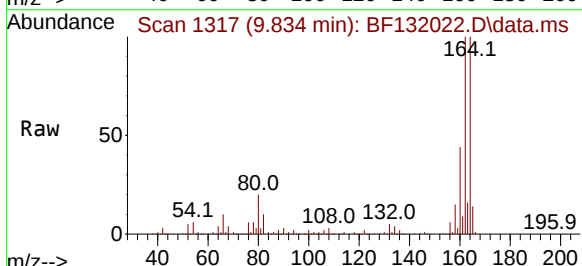
Tgt Ion:164 Resp: 210151

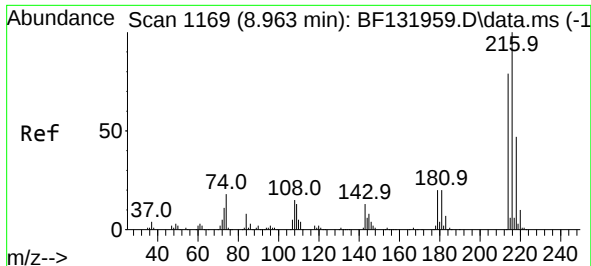
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 43.7 33.9 50.9



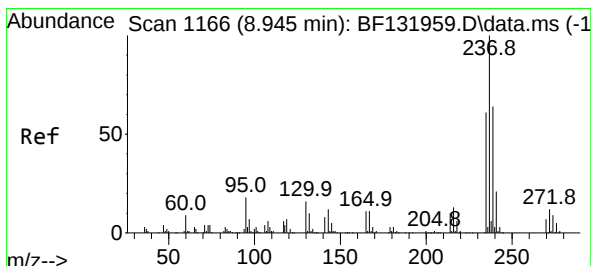
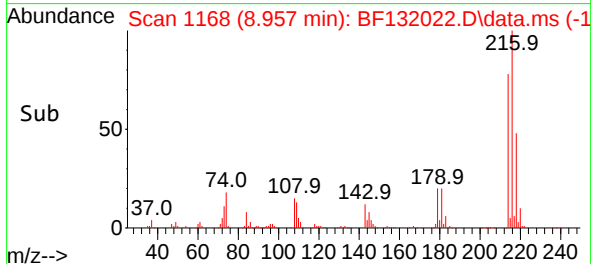
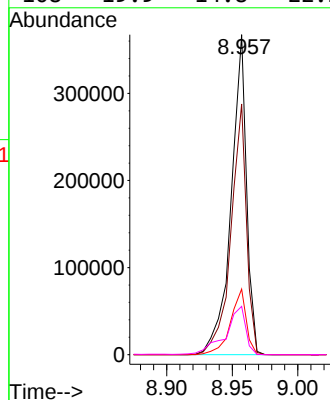
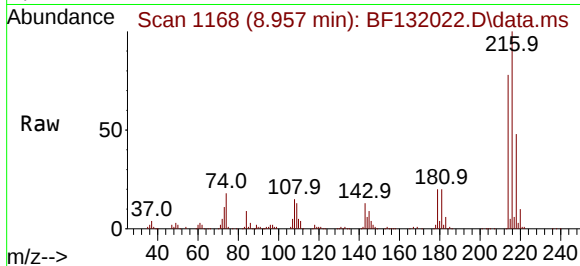


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.577 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Instrument :
BNA_F
ClientSampleId :
PB150096BS

Tgt Ion:216 Resp: 300484

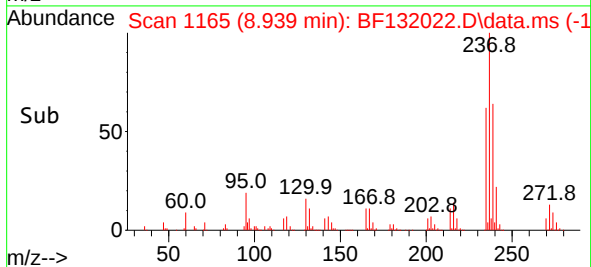
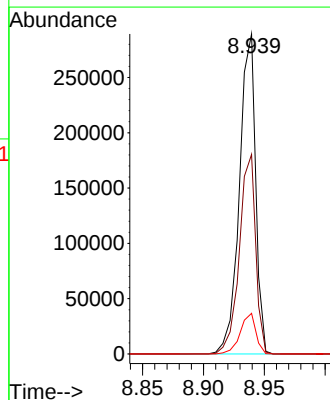
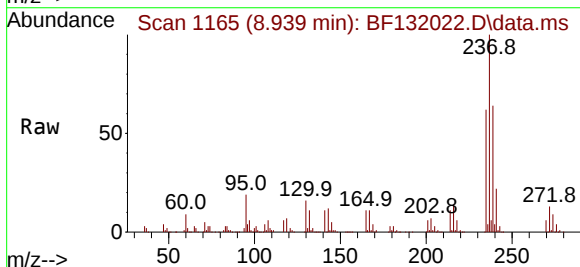
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.9	95.9
179	20.8	16.4	24.6
108	19.9	14.8	22.2

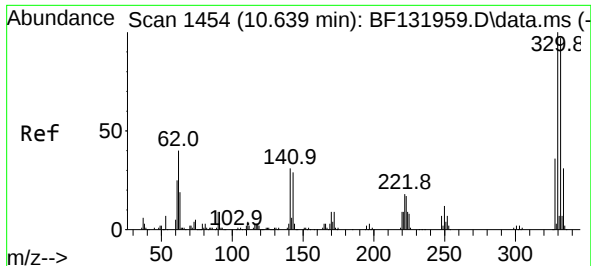


#41
Hexachlorocyclopentadiene
Concen: 73.742 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:237 Resp: 268614

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.2	81.2
272	12.7	0.0	31.7

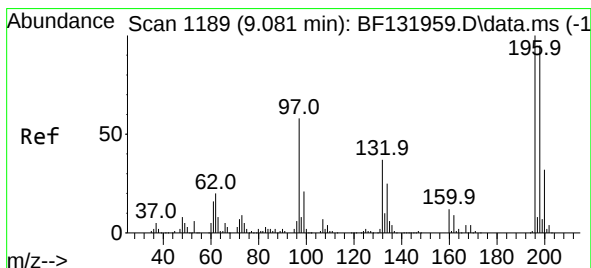
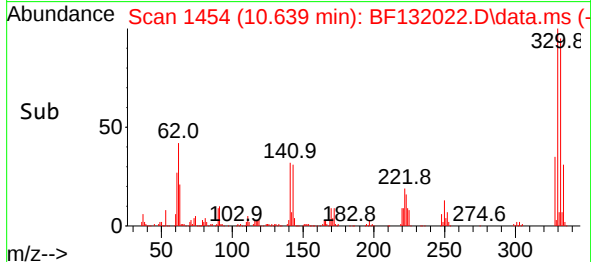
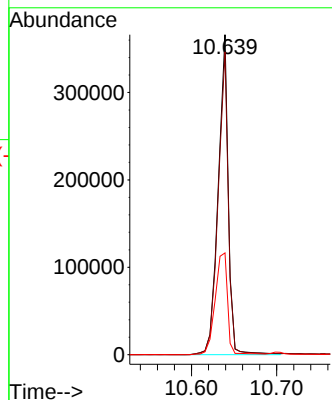
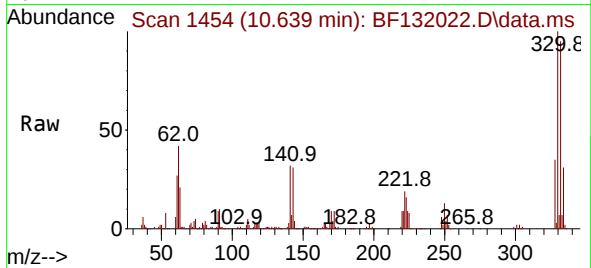




#42
2,4,6-Tribromophenol
Concen: 125.319 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

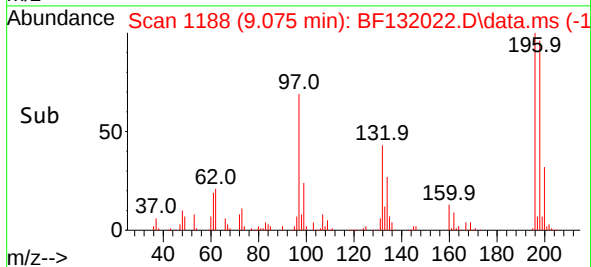
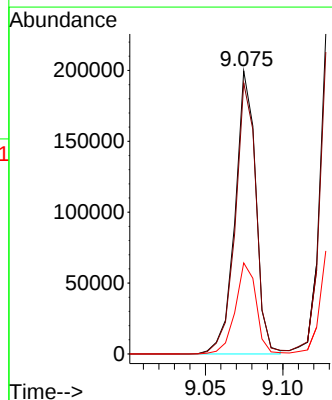
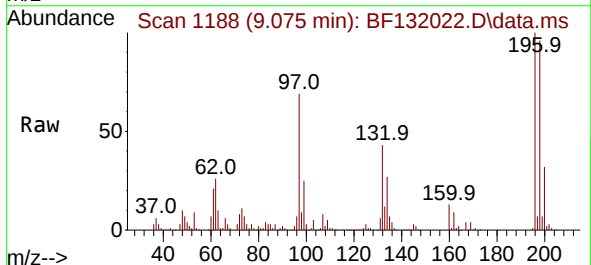
Instrument :
BNA_F
ClientSampleId :
PB150096BS

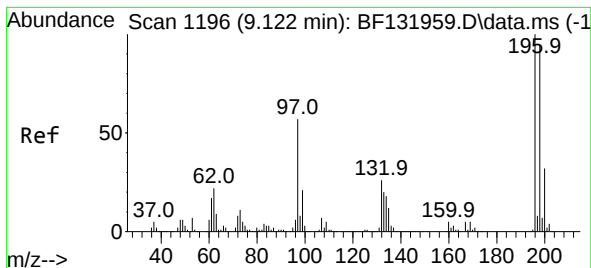
Tgt Ion:330 Resp: 302806
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 39.0 31.3 46.9



#43
2,4,6-Trichlorophenol
Concen: 41.505 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:196 Resp: 185004
Ion Ratio Lower Upper
196 100
198 95.8 76.3 114.5
200 32.2 25.8 38.6





#44

2,4,5-Trichlorophenol

Concen: 37.881 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF132022.D

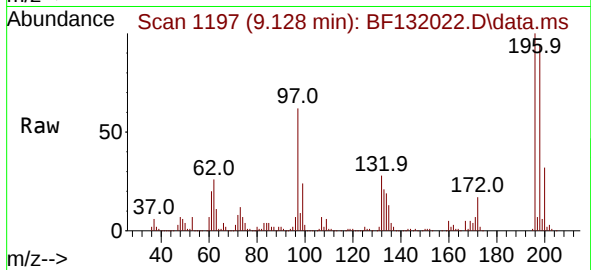
Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS



Tgt Ion:196 Resp: 196573

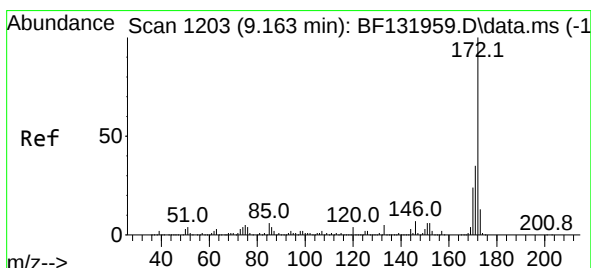
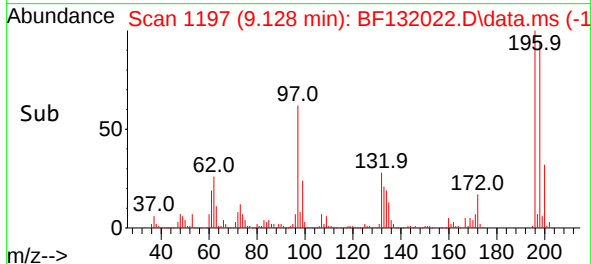
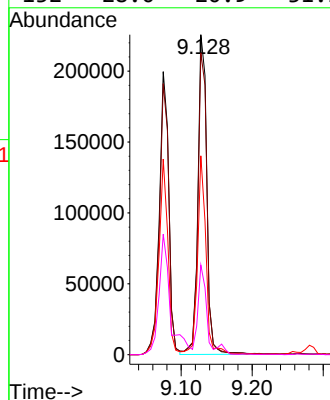
Ion Ratio Lower Upper

196 100

198 94.3 75.3 112.9

97 62.1 45.6 68.4

132 28.0 20.9 31.3



#45

2-Fluorobiphenyl

Concen: 80.068 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

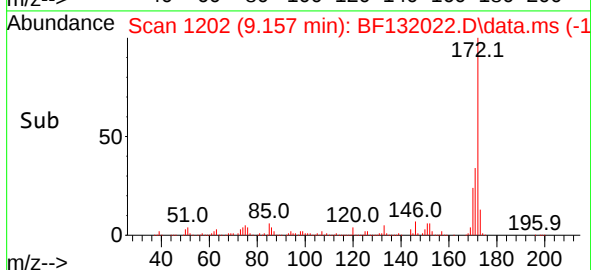
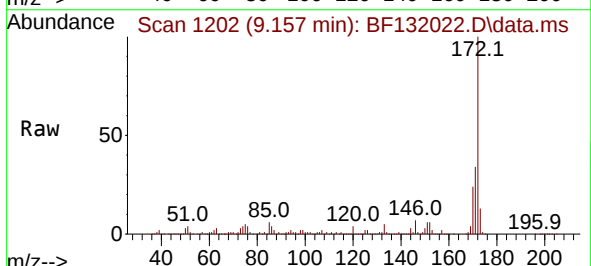
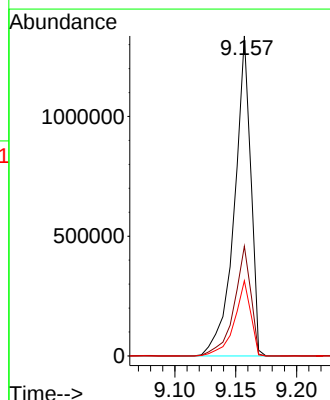
Tgt Ion:172 Resp: 1246435

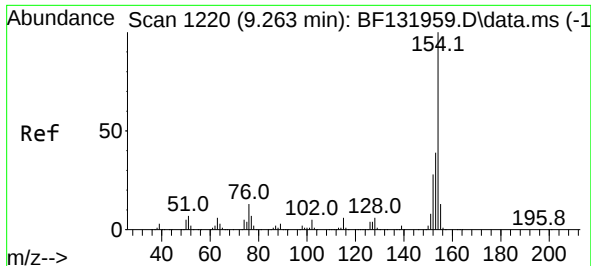
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.5 18.9 28.3

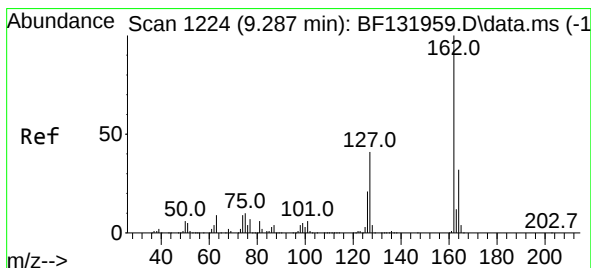
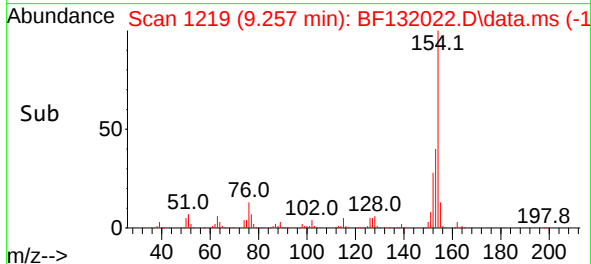
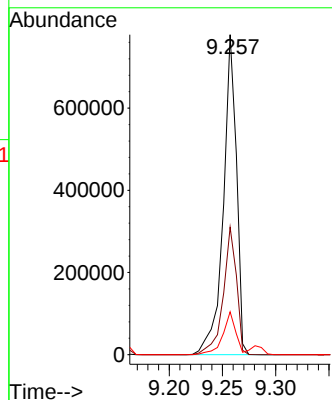
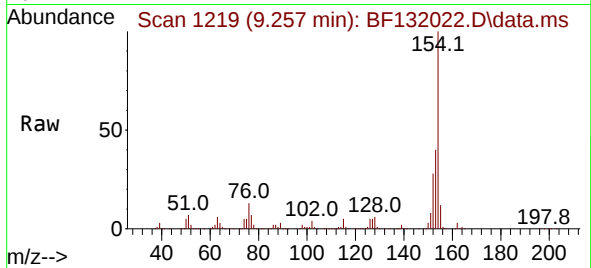




#46
1,1'-Biphenyl
Concen: 41.092 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

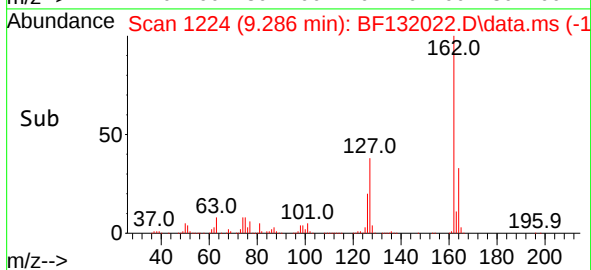
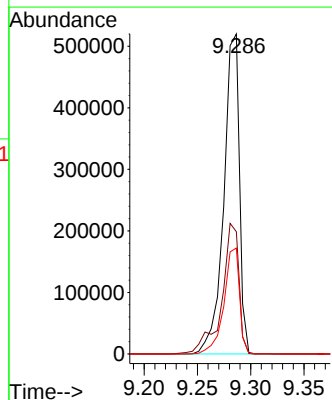
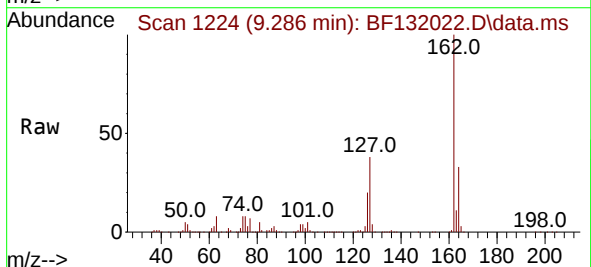
Instrument :
BNA_F
ClientSampleId :
PB150096BS

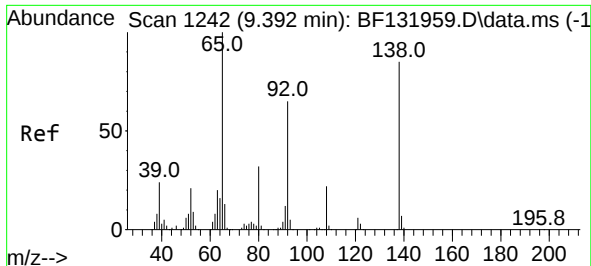
Tgt Ion:154 Resp: 666521
Ion Ratio Lower Upper
154 100
153 39.9 18.9 58.9
76 13.4 0.0 33.2



#47
2-Chloronaphthalene
Concen: 42.157 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:162 Resp: 530724
Ion Ratio Lower Upper
162 100
127 38.2 33.0 49.4
164 33.1 25.8 38.8

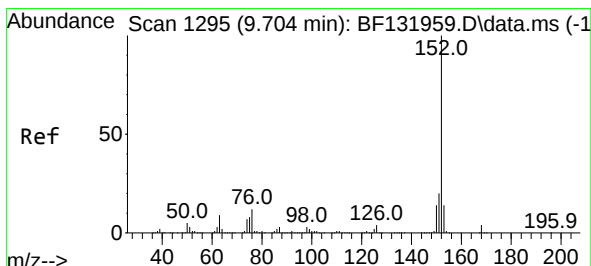
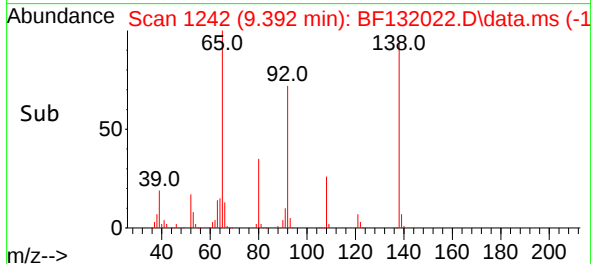
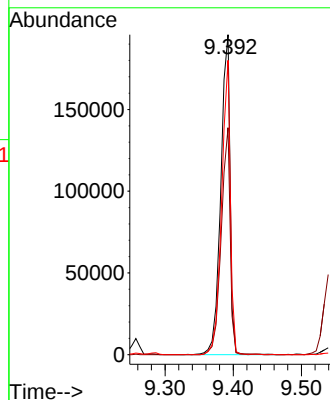
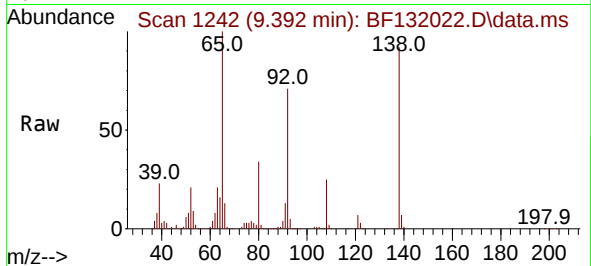




#48
2-Nitroaniline
Concen: 40.661 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

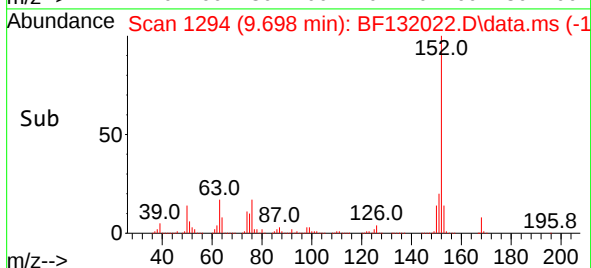
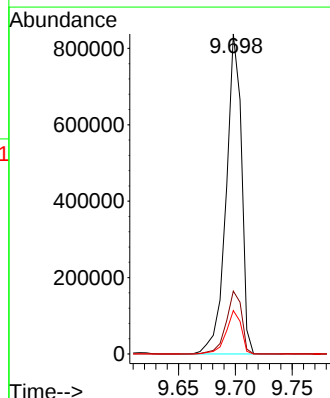
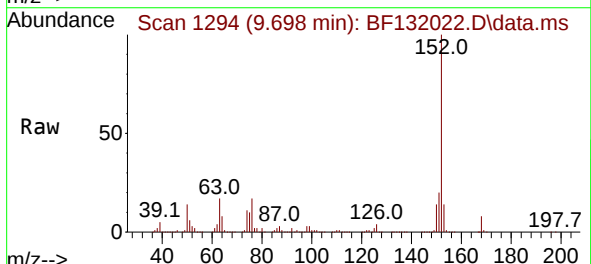
Instrument :
BNA_F
ClientSampleId :
PB150096BS

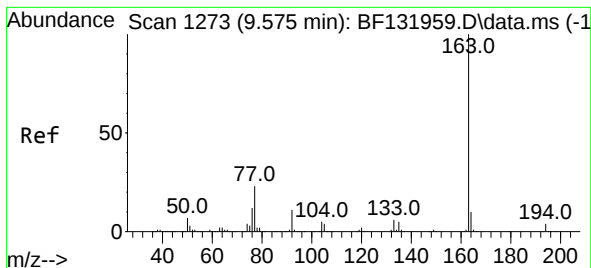
Tgt Ion: 65 Resp: 185928
Ion Ratio Lower Upper
65 100
92 70.9 52.2 78.2
138 92.0 67.8 101.8



#49
Acenaphthylene
Concen: 40.313 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 152 Resp: 787542
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.5 10.8 16.2





#50

Dimethylphthalate

Concen: 40.951 ng

RT: 9.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

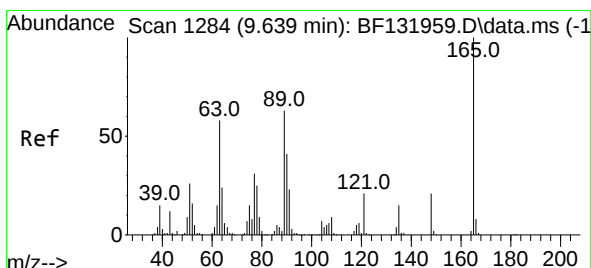
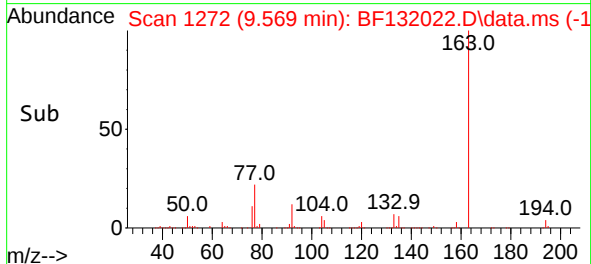
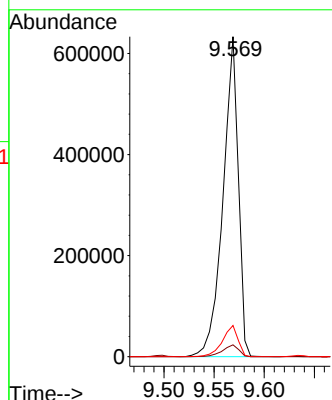
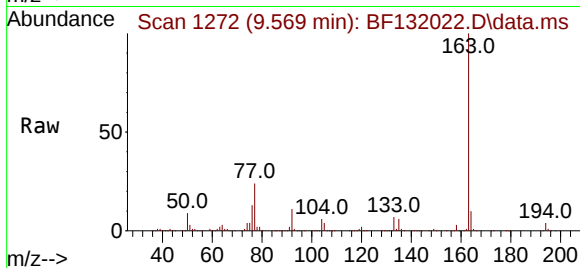
Tgt Ion:163 Resp: 670824

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.7 7.8 11.6



#51

2,6-Dinitrotoluene

Concen: 41.658 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.005 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

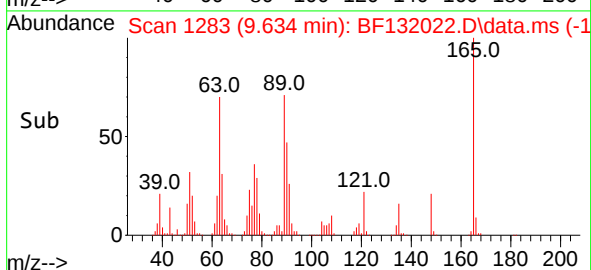
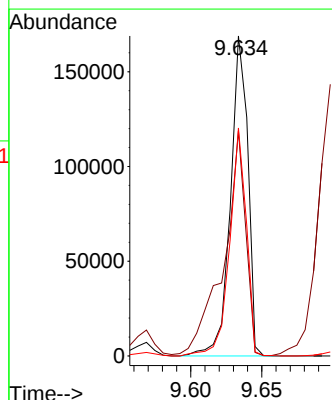
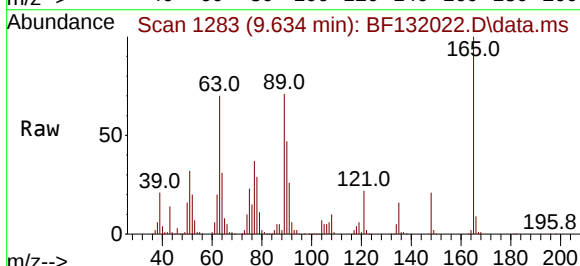
Tgt Ion:165 Resp: 143524

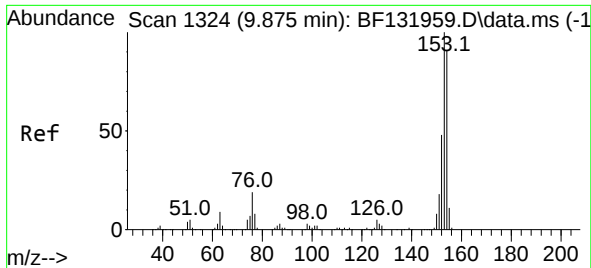
Ion Ratio Lower Upper

165 100

63 70.3 47.4 71.0

89 71.2 50.2 75.2

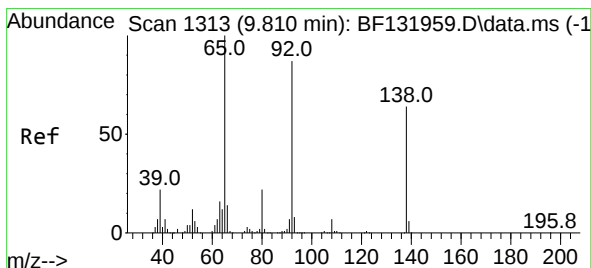
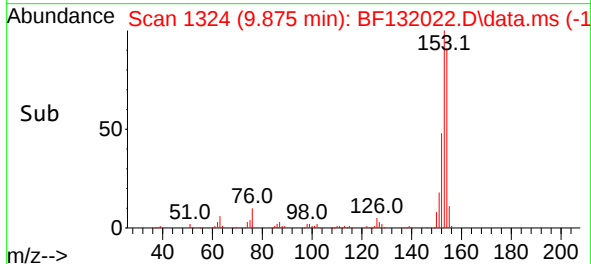
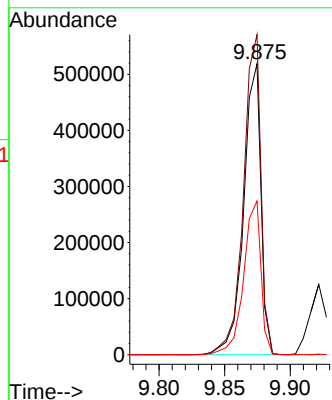
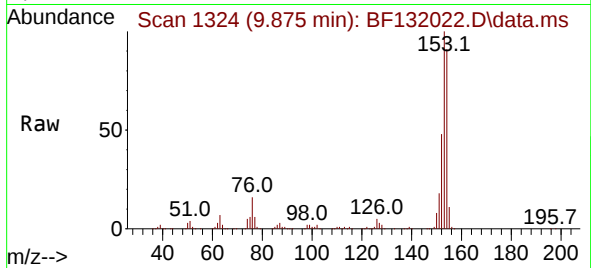




#52
Acenaphthene
Concen: 40.723 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

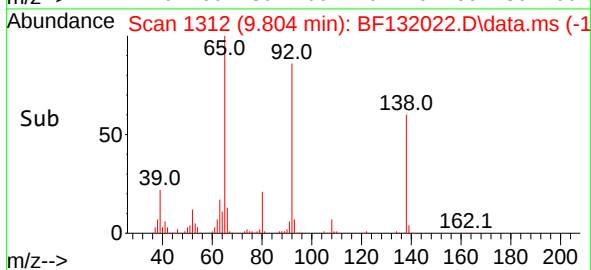
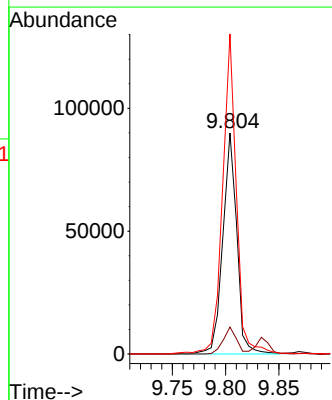
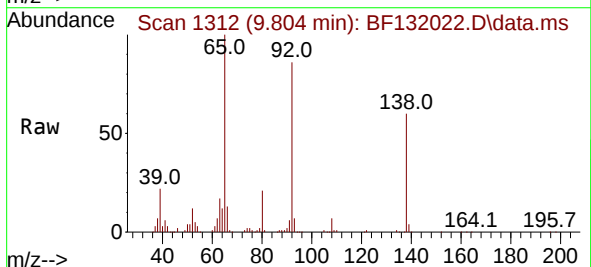
Instrument :
BNA_F
ClientSampleId :
PB150096BS

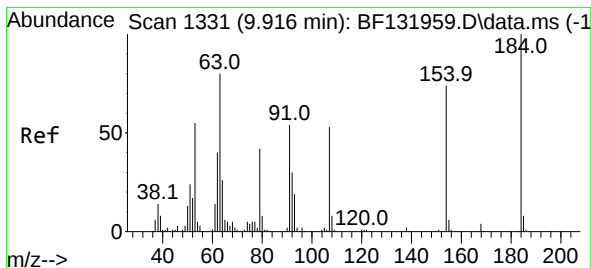
Tgt Ion:154 Resp: 477553
Ion Ratio Lower Upper
154 100
153 110.0 87.7 131.5
152 52.9 42.2 63.2



#53
3-Nitroaniline
Concen: 24.544 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:138 Resp: 82038
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 144.9 108.1 162.1





#54

2,4-Dinitrophenol

Concen: 93.520 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

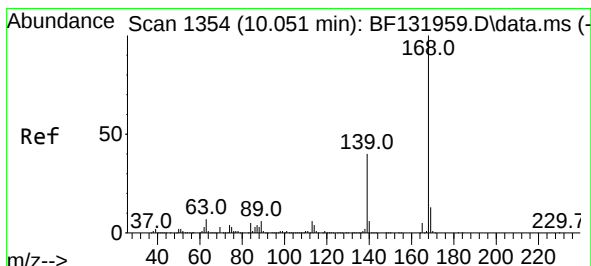
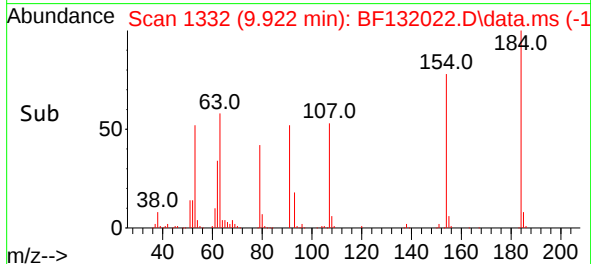
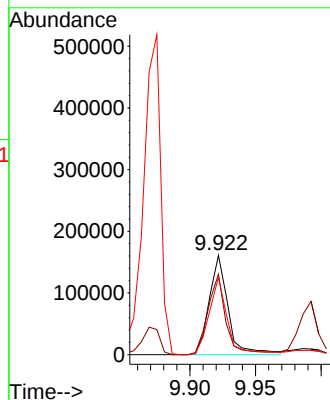
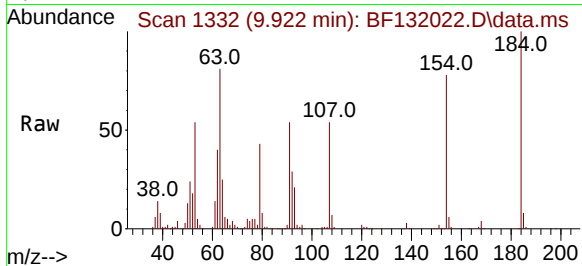
Tgt Ion:184 Resp: 161778

Ion Ratio Lower Upper

184 100

63 81.0 63.7 95.5

154 78.0 60.1 90.1



#55

Dibenzofuran

Concen: 40.102 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

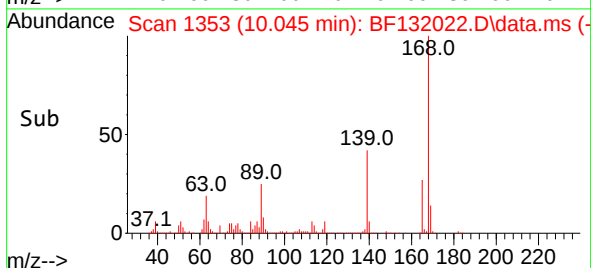
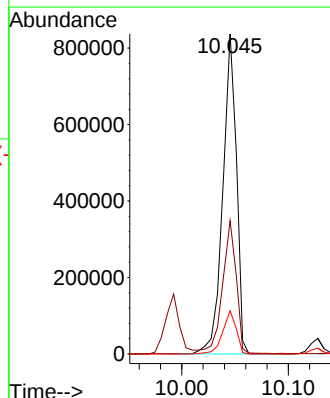
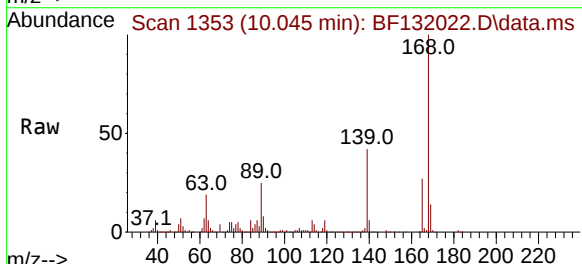
Tgt Ion:168 Resp: 741272

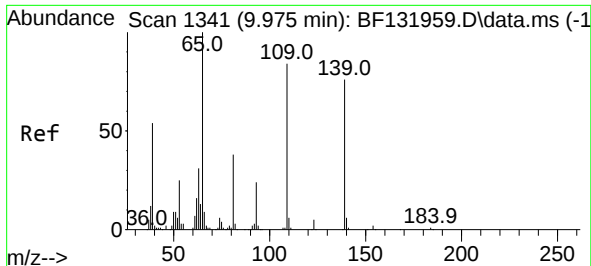
Ion Ratio Lower Upper

168 100

139 41.6 32.4 48.6

169 13.5 10.7 16.1

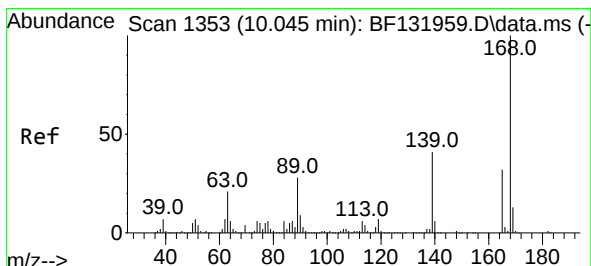
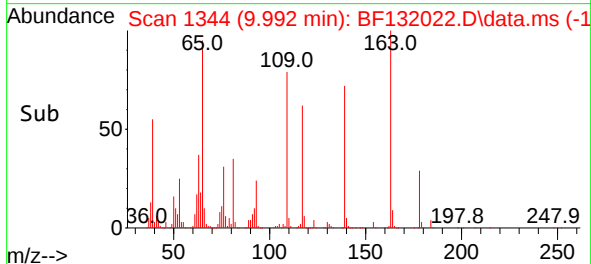
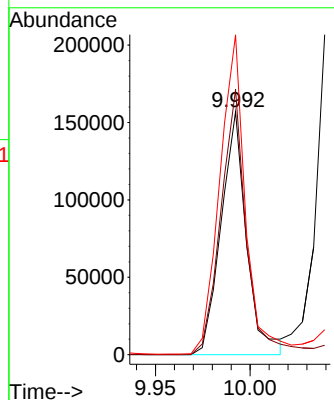
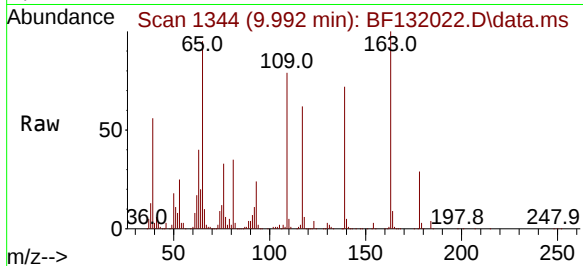




#56
4-Nitrophenol
Concen: 77.770 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

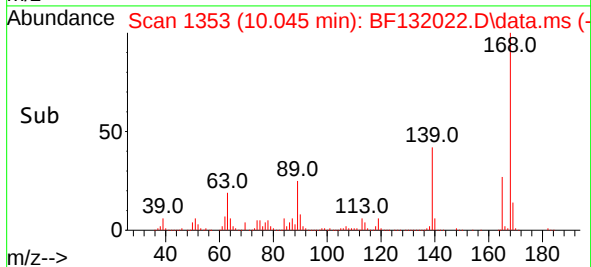
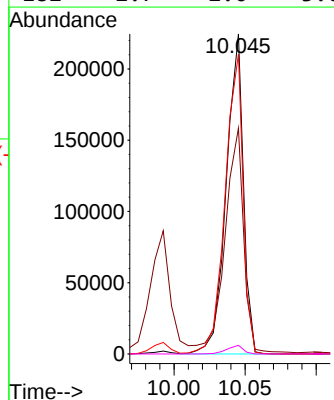
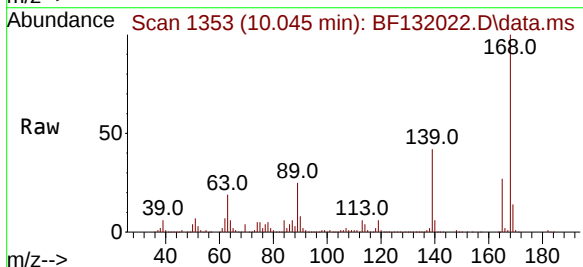
Instrument :
BNA_F
ClientSampleId :
PB150096BS

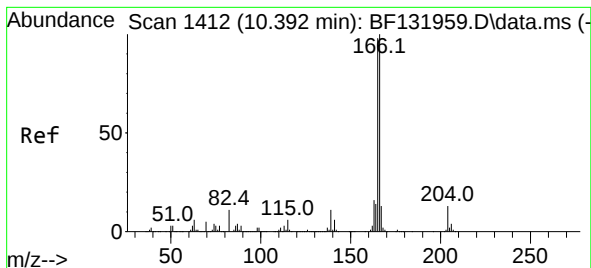
Tgt Ion:139 Resp: 146422
Ion Ratio Lower Upper
139 100
109 109.1 90.5 130.5
65 131.6 112.6 152.6



#57
2,4-Dinitrotoluene
Concen: 40.804 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:165 Resp: 187956
Ion Ratio Lower Upper
165 100
63 70.6 53.2 79.8
89 93.7 71.2 106.8
182 2.7 2.0 3.0





#58

Fluorene

Concen: 40.223 ng

RT: 10.392 min Scan# 1412

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

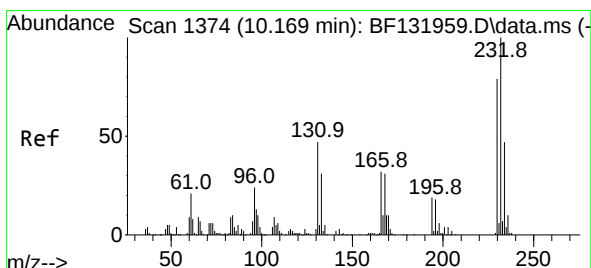
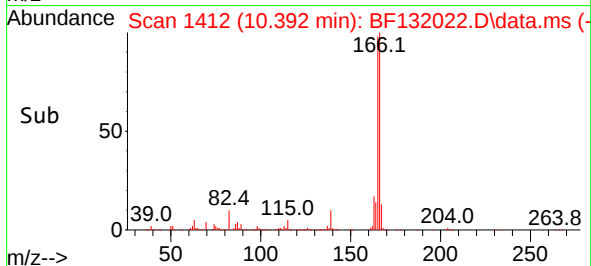
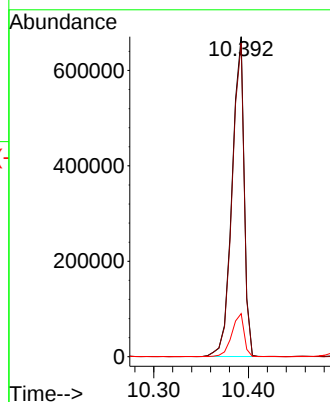
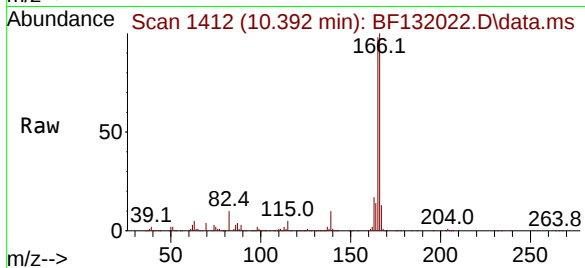
Tgt Ion:166 Resp: 593945

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

167 13.5 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.645 ng

RT: 10.169 min Scan# 1374

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Tgt Ion:232 Resp: 164894

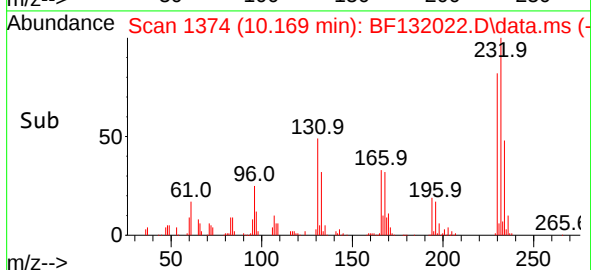
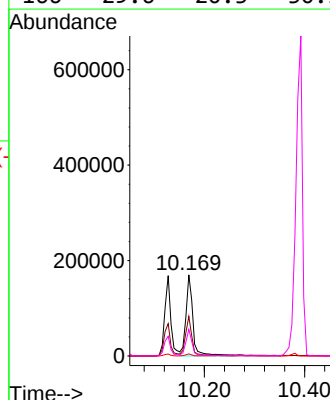
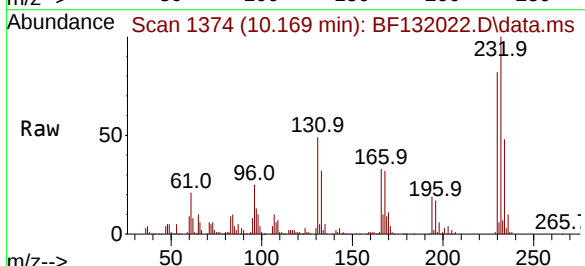
Ion Ratio Lower Upper

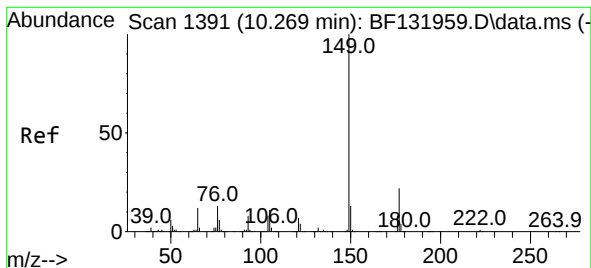
232 100

131 45.4 33.0 49.4

130 2.4 1.8 2.8

166 29.6 20.3 30.5

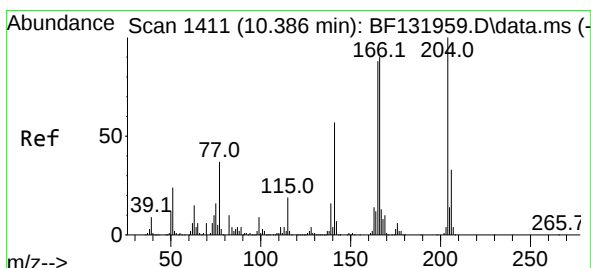
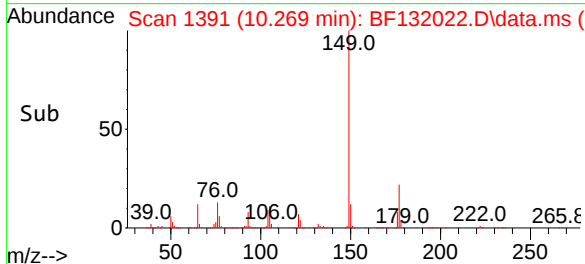
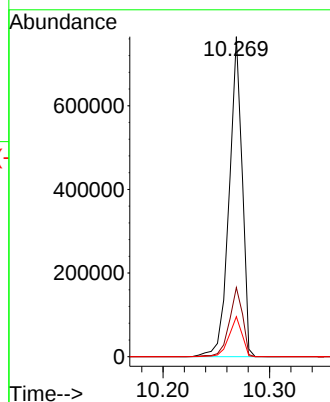
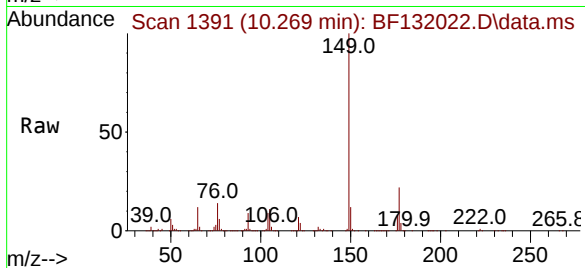




#60
Diethylphthalate
Concen: 40.112 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

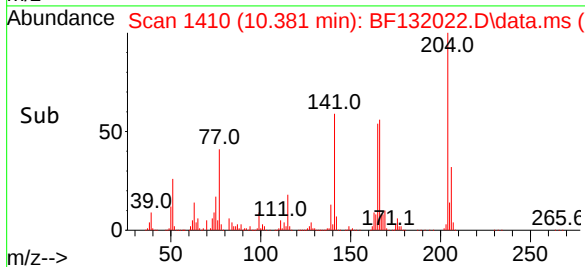
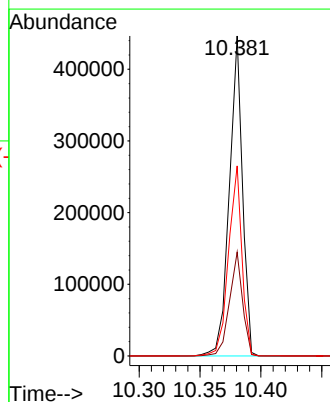
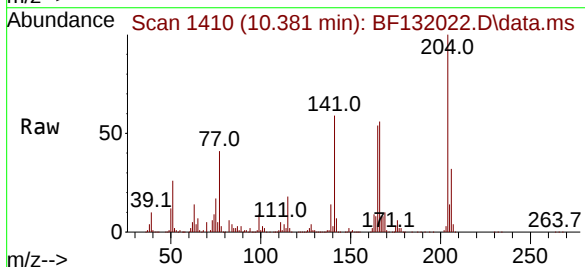
Instrument :
BNA_F
ClientSampleId :
PB150096BS

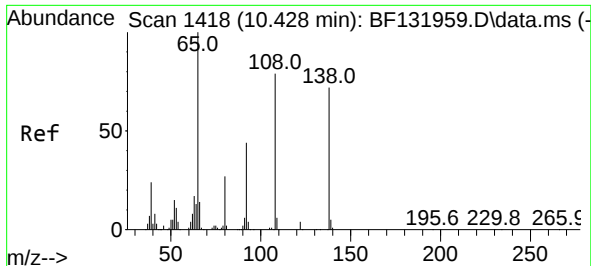
Tgt Ion:149 Resp: 646104
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.5 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 39.653 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:204 Resp: 335195
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 59.4 45.6 68.4

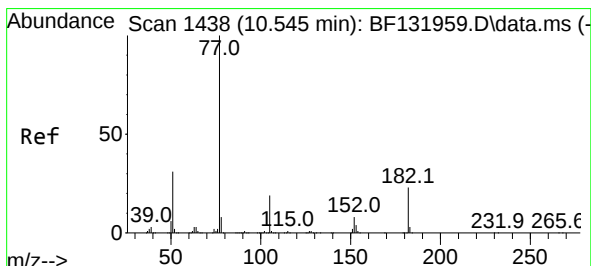
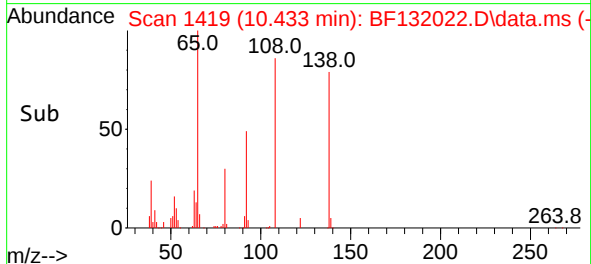
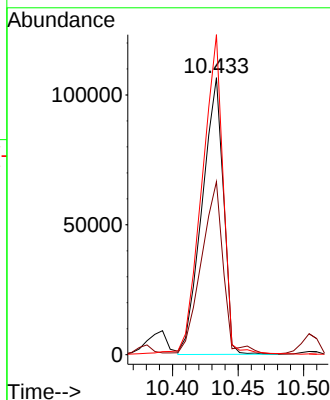
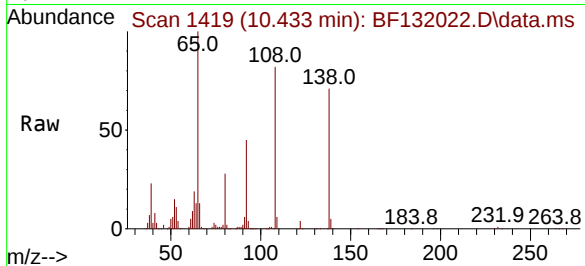




#62
4-Nitroaniline
Concen: 40.038 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.005 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

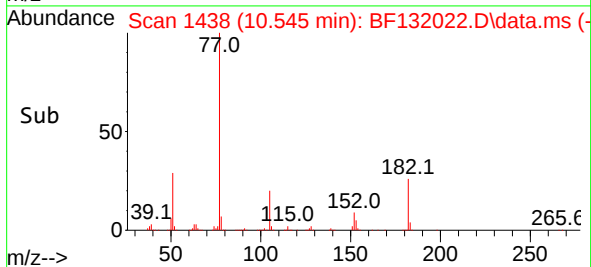
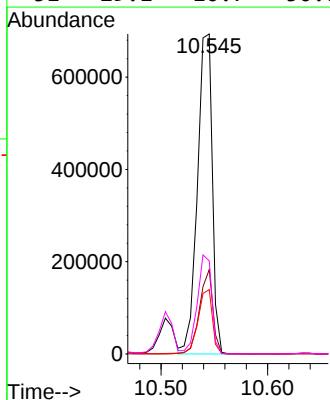
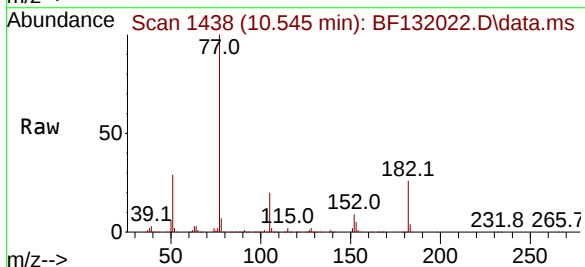
Instrument :
BNA_F
ClientSampleId :
PB150096BS

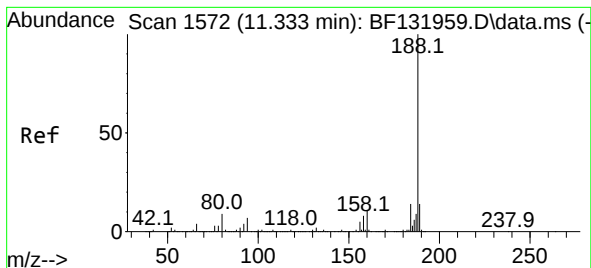
Tgt Ion:138 Resp: 120339
Ion Ratio Lower Upper
138 100
92 62.4 41.3 81.3
108 115.6 89.8 129.8



#63
Azobenzene
Concen: 39.541 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion: 77 Resp: 675629
Ion Ratio Lower Upper
77 100
182 26.3 2.9 42.9
105 20.1 0.0 39.3
51 29.1 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

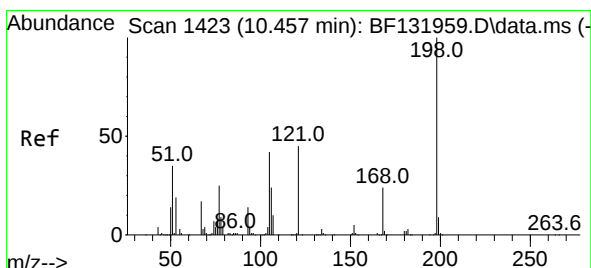
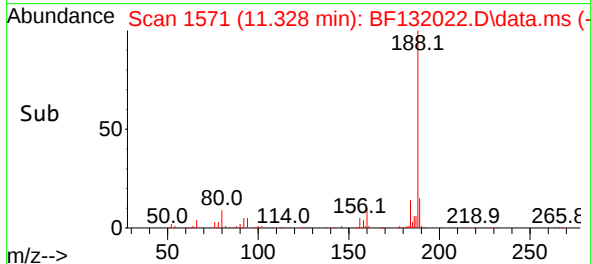
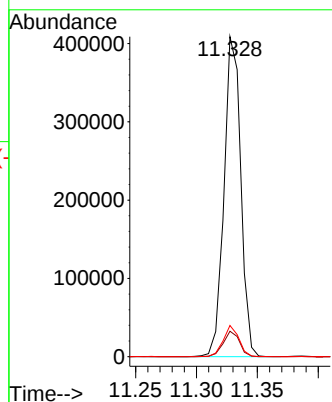
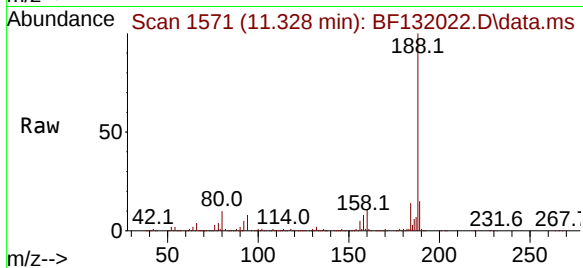
Tgt Ion:188 Resp: 390993

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 9.7 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 42.805 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

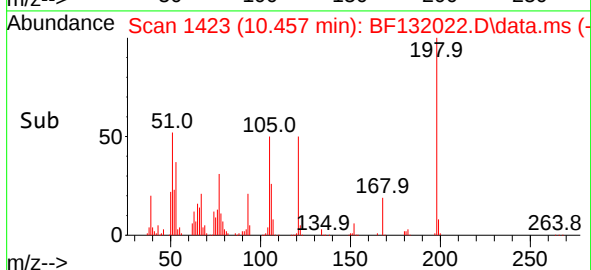
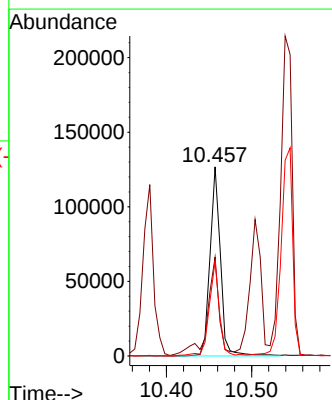
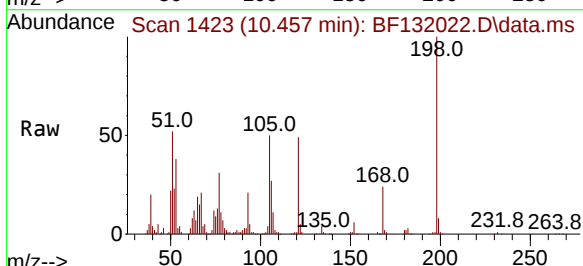
Tgt Ion:198 Resp: 107931

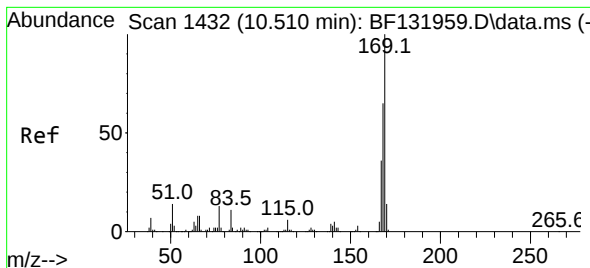
Ion Ratio Lower Upper

198 100

51 52.3 21.4 61.4

105 50.0 23.0 63.0

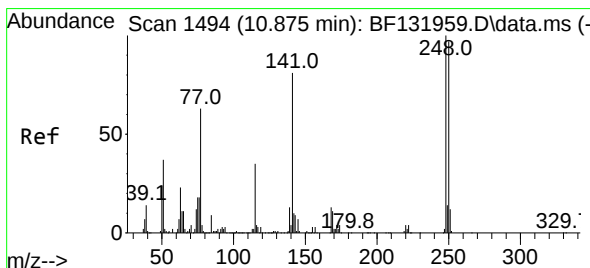
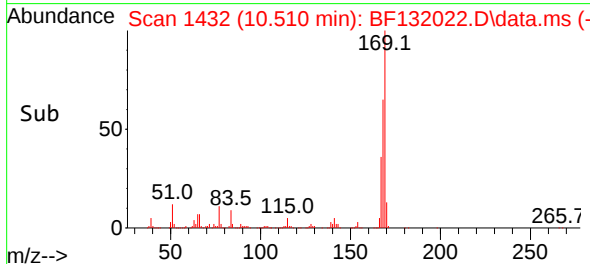
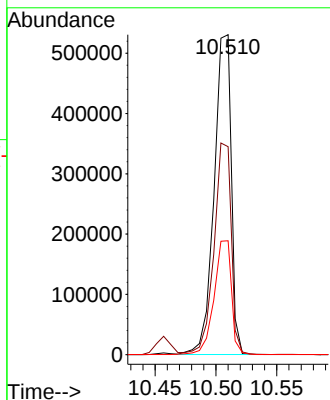
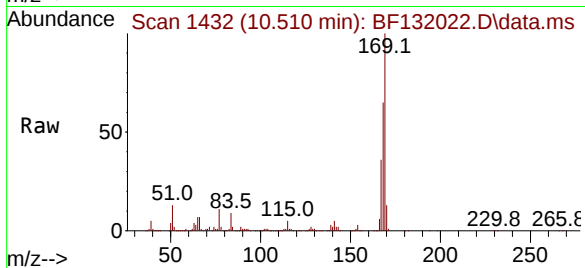




#66
n-Nitrosodiphenylamine
Concen: 42.469 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

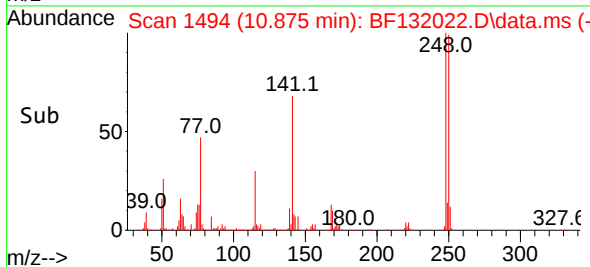
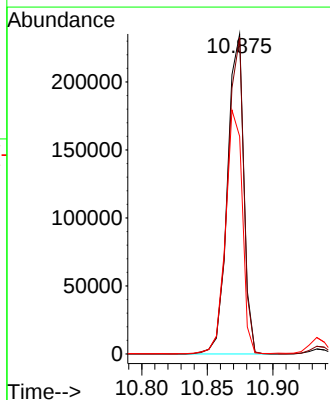
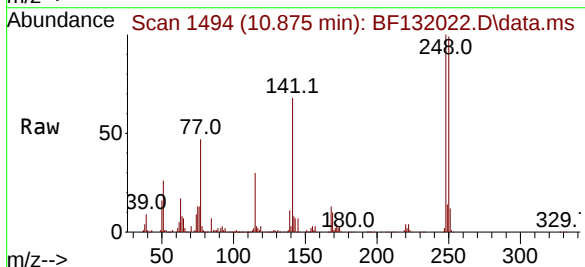
Instrument :
BNA_F
ClientSampleId :
PB150096BS

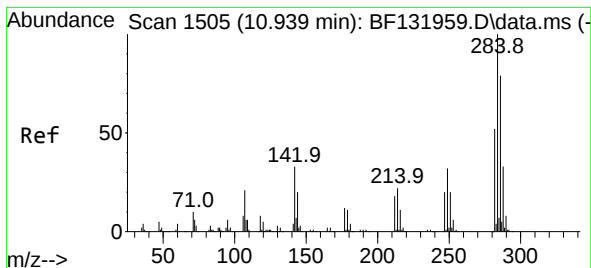
Tgt Ion:169 Resp: 520959
Ion Ratio Lower Upper
169 100
168 65.0 52.5 78.7
167 35.6 28.6 43.0



#67
4-Bromophenyl-phenylether
Concen: 41.479 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:248 Resp: 202882
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 68.0 65.0 97.6





#68

Hexachlorobenzene

Concen: 44.712 ng

RT: 10.939 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

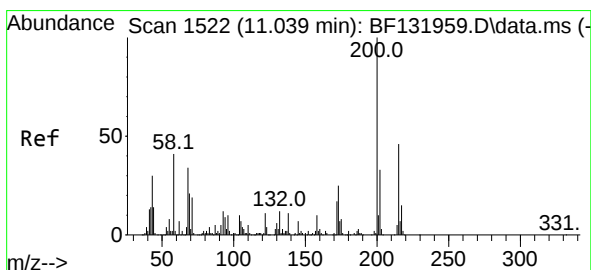
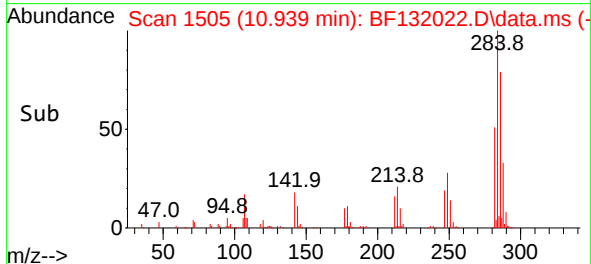
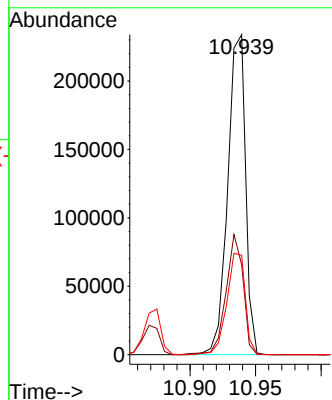
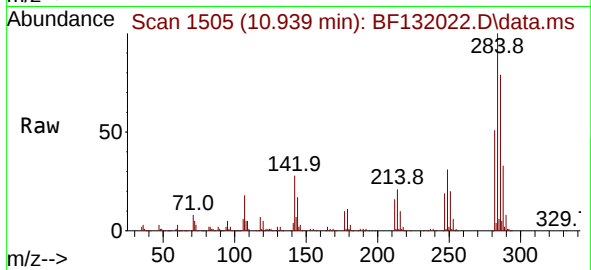
Tgt Ion:284 Resp: 221232

Ion Ratio Lower Upper

284 100

142 28.1 26.4 39.6

249 31.1 25.4 38.2



#69

Atrazine

Concen: 31.278 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

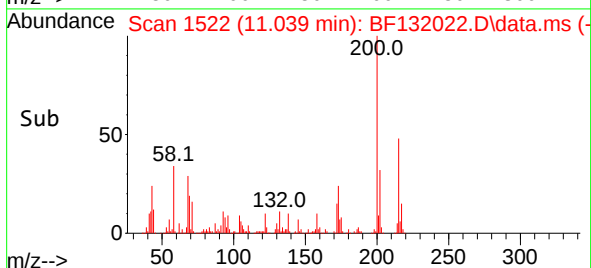
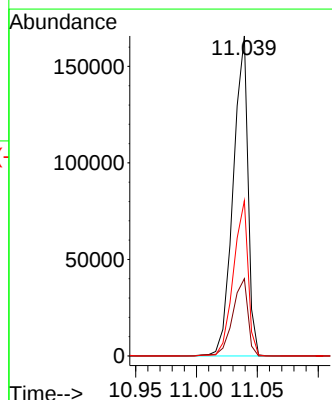
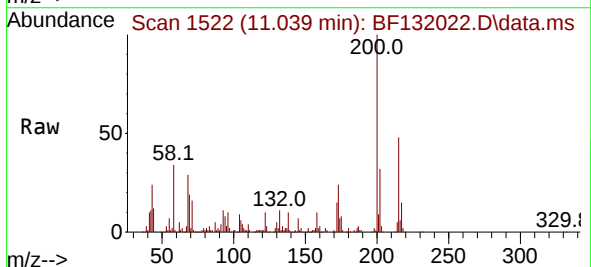
Tgt Ion:200 Resp: 139527

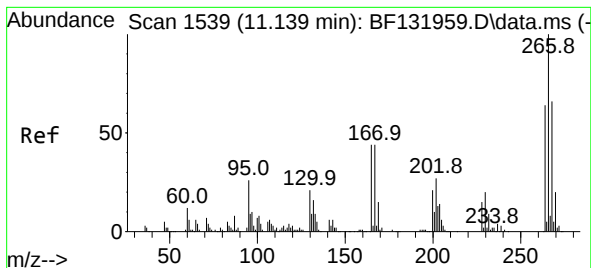
Ion Ratio Lower Upper

200 100

173 24.2 5.1 45.1

215 48.5 25.6 65.6





#70

Pentachlorophenol

Concen: 66.955 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

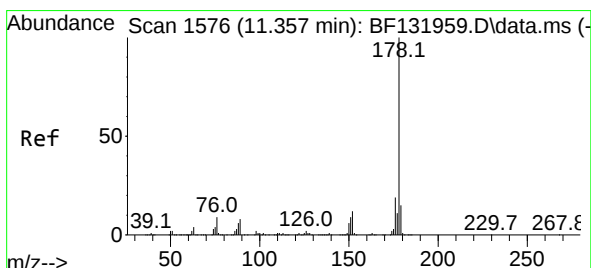
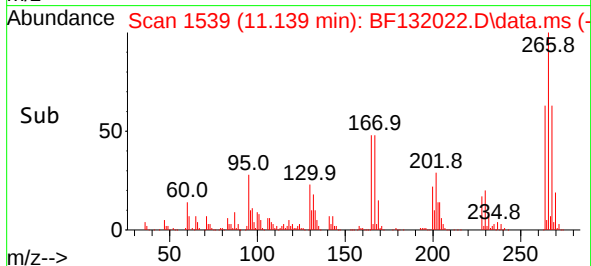
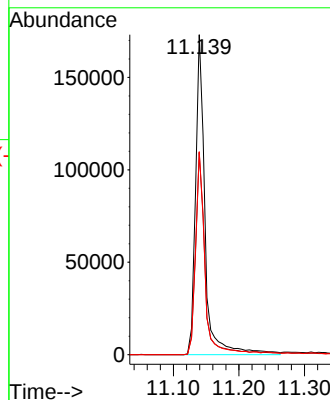
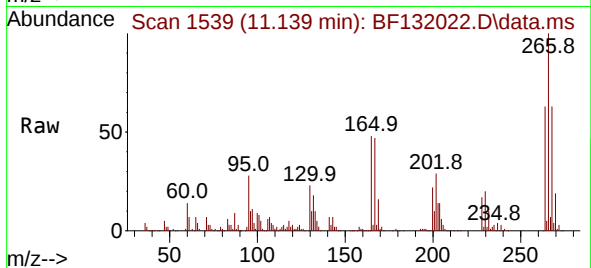
Tgt Ion:266 Resp: 174682

Ion Ratio Lower Upper

266 100

268 63.2 52.7 79.1

264 63.5 51.6 77.4



#71

Phenanthrene

Concen: 42.265 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

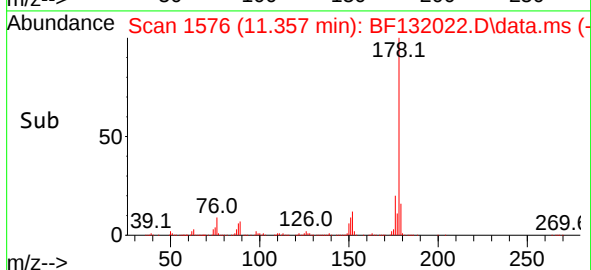
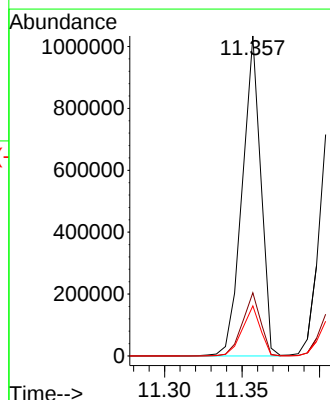
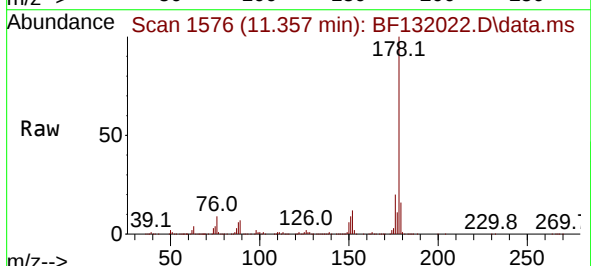
Tgt Ion:178 Resp: 861473

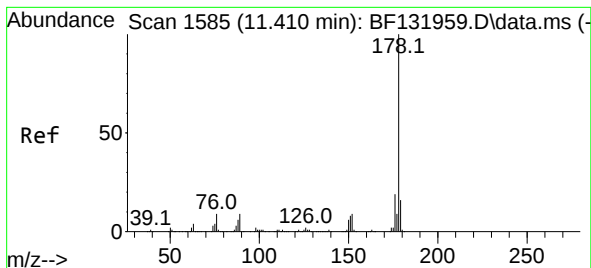
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.6 12.4 18.6





#72

Anthracene

Concen: 41.267 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

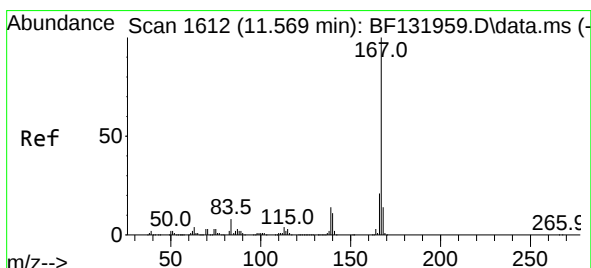
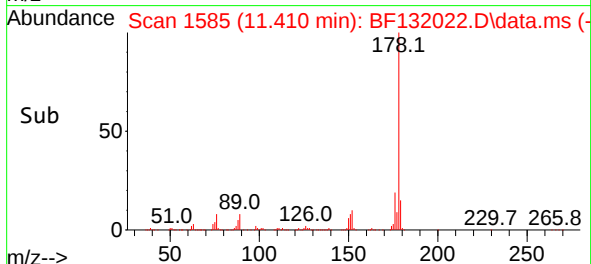
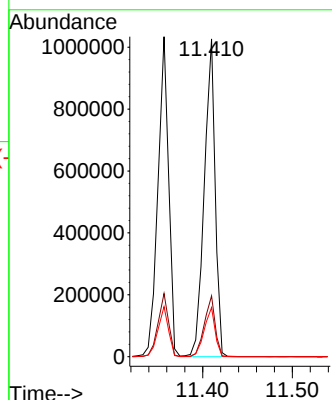
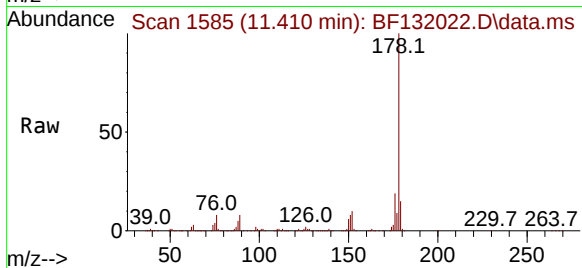
Tgt Ion:178 Resp: 865902

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.6 19.0



#73

Carbazole

Concen: 42.330 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

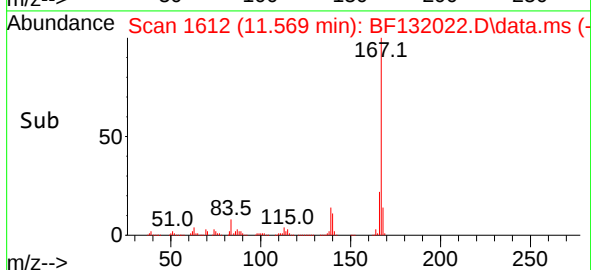
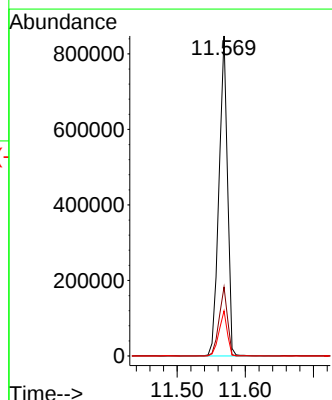
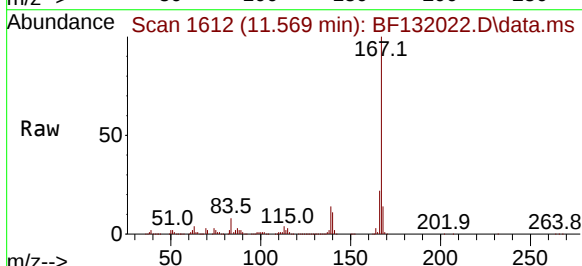
Tgt Ion:167 Resp: 735350

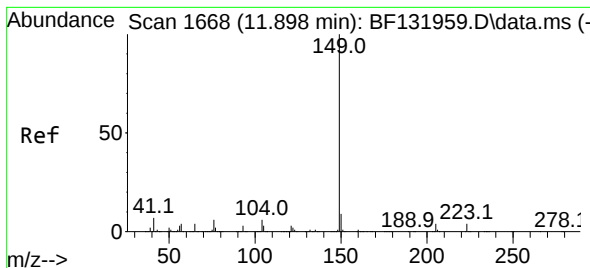
Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

139 14.1 11.1 16.7





#74

Di-n-butylphthalate

Concen: 41.970 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

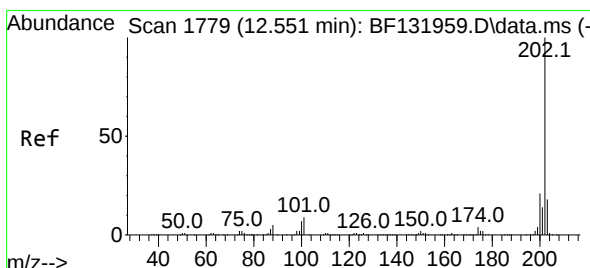
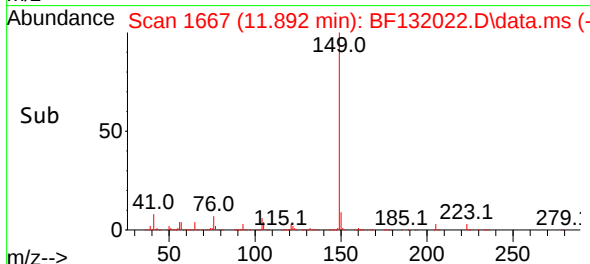
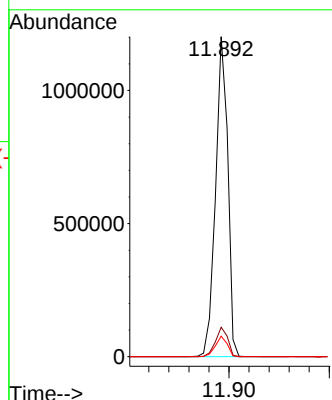
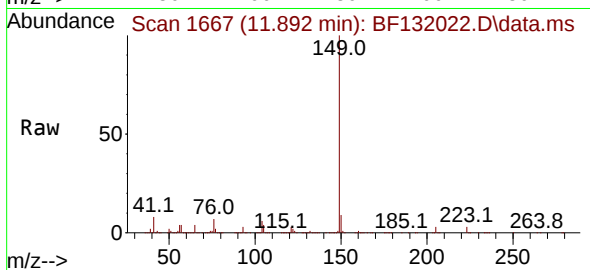
Tgt Ion:149 Resp: 1015202

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.4 5.0 7.6



#75

Fluoranthene

Concen: 41.019 ng

RT: 12.551 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

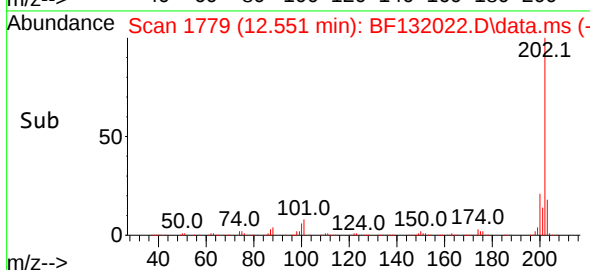
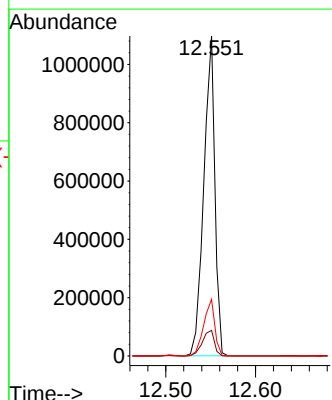
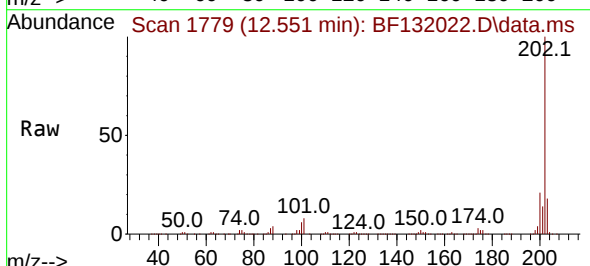
Tgt Ion:202 Resp: 940283

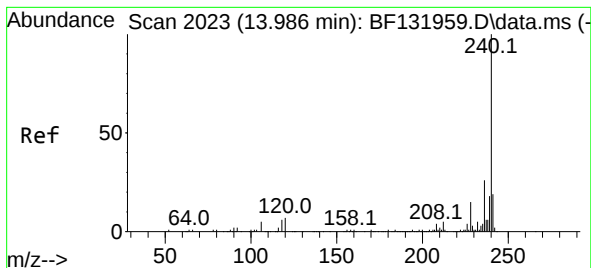
Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.8

203 17.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

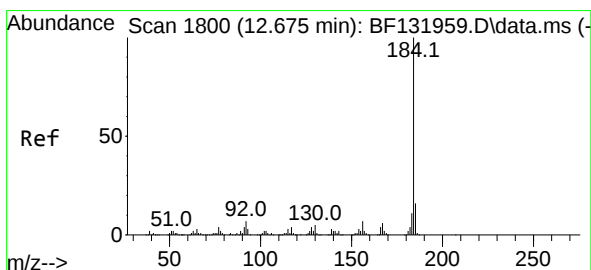
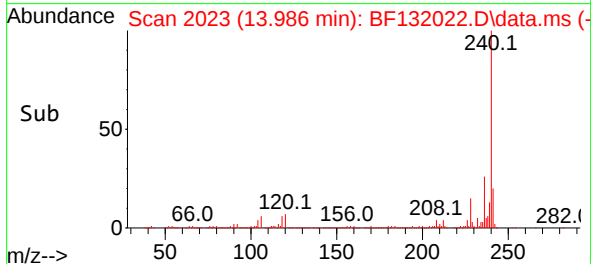
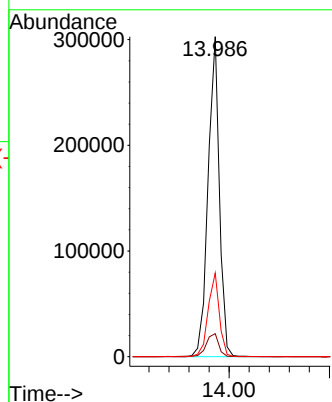
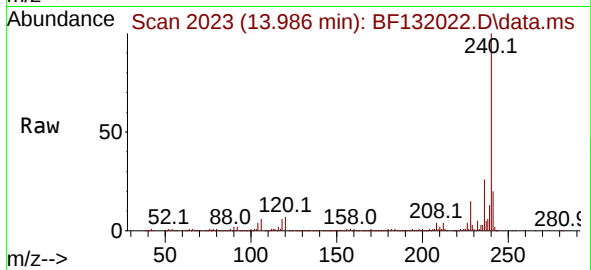
Tgt Ion:240 Resp: 237075

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.0

236 26.2 21.1 31.7



#77

Benzidine

Concen: 18.308 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.001 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

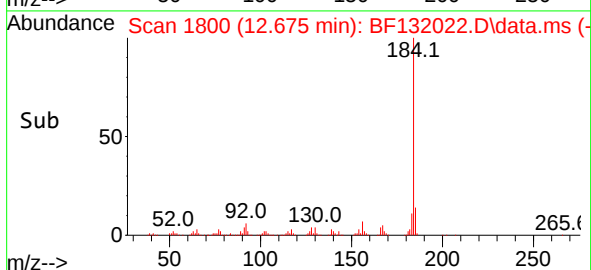
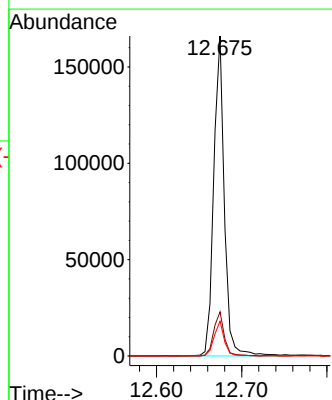
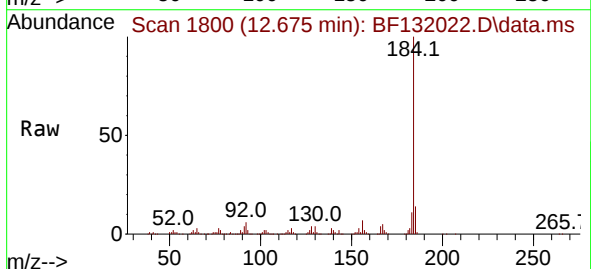
Tgt Ion:184 Resp: 144193

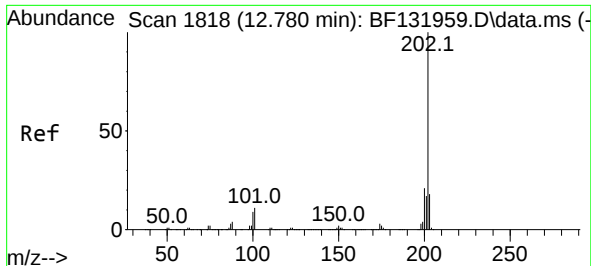
Ion Ratio Lower Upper

184 100

185 13.8 12.8 19.2

183 10.8 9.0 13.4



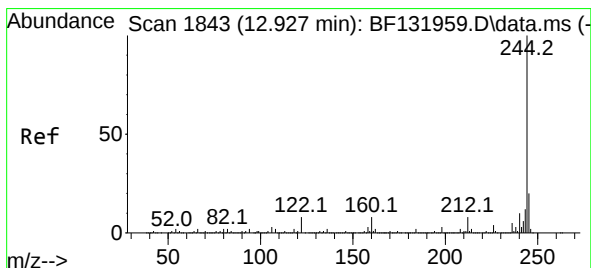
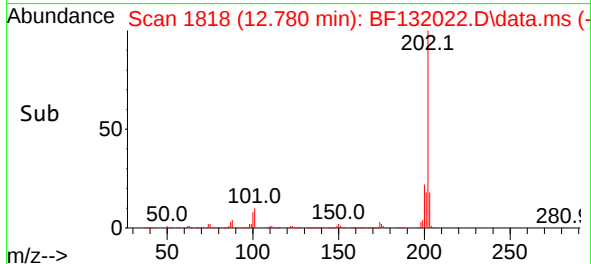
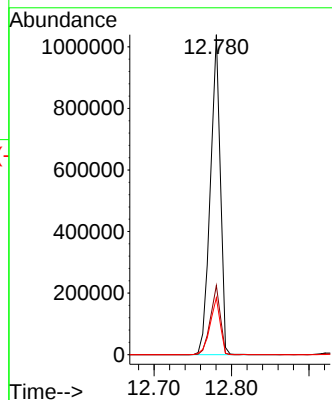
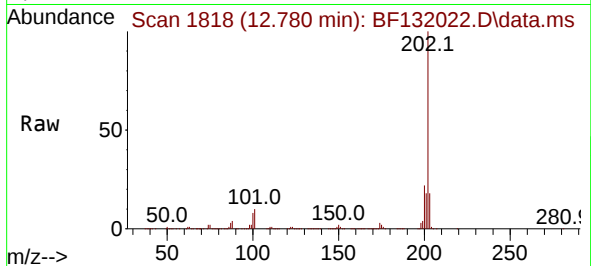


#78
 Pyrene
 Concen: 42.899 ng
 RT: 12.780 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB150096BS

Tgt Ion:202 Resp: 927590

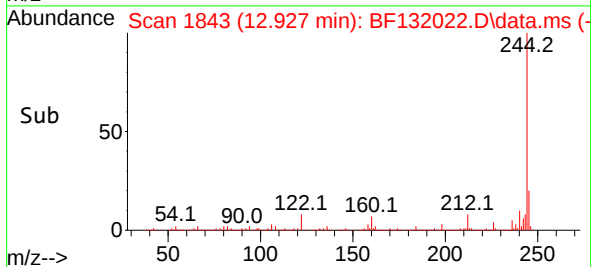
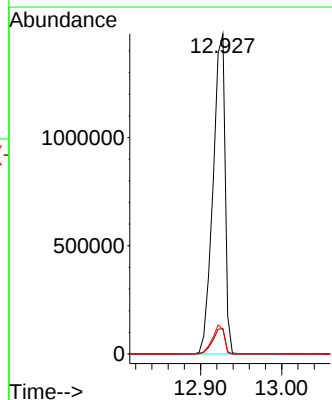
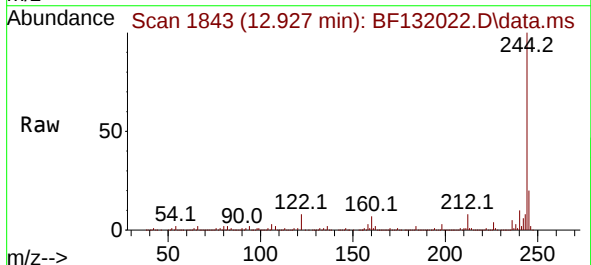
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.8	14.1	21.1

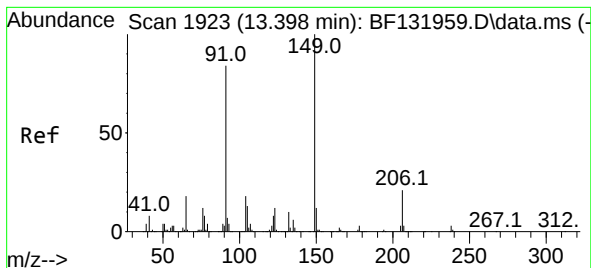


#79
 Terphenyl-d14
 Concen: 91.863 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

Tgt Ion:244 Resp: 1519495

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	7.6	6.8	10.2

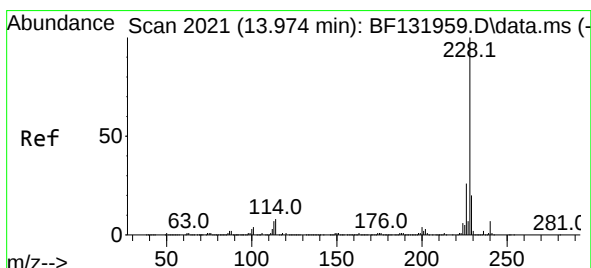
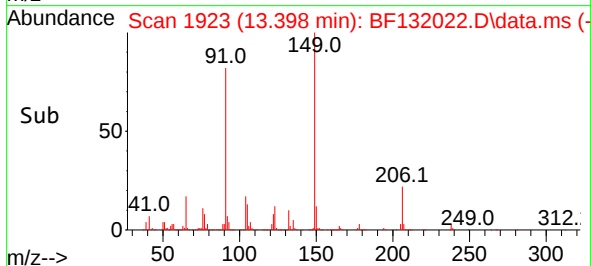
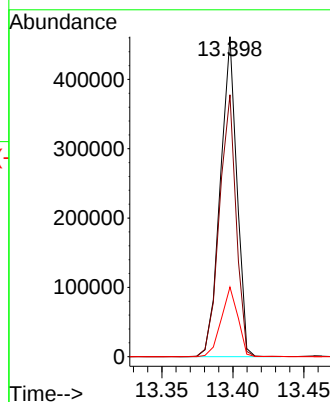
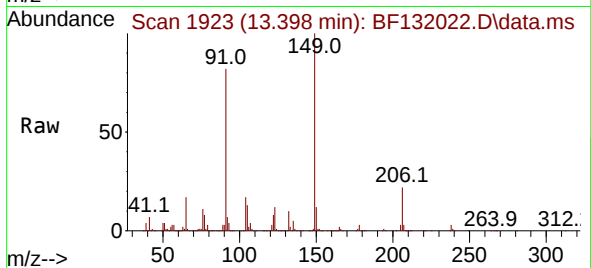




#80
Butylbenzylphthalate
Concen: 42.859 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

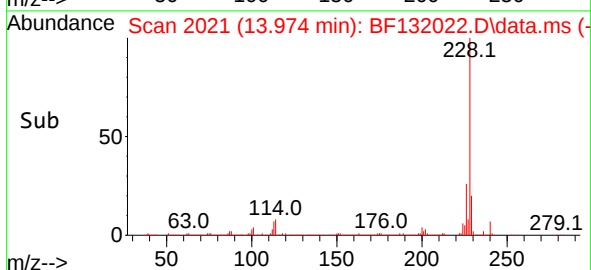
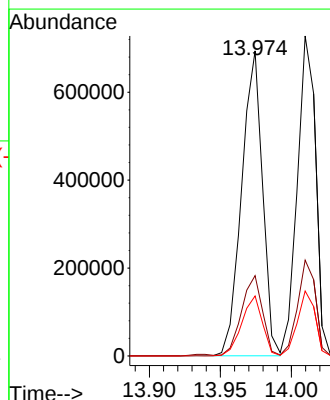
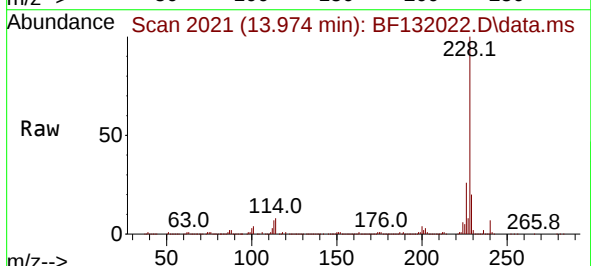
Instrument :
BNA_F
ClientSampleId :
PB150096BS

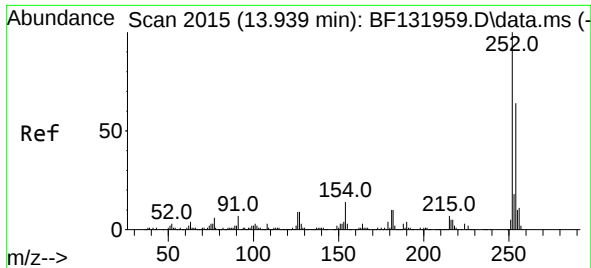
Tgt Ion:149 Resp: 374068
Ion Ratio Lower Upper
149 100
91 81.8 67.0 100.4
206 21.8 16.9 25.3



#81
Benzo(a)anthracene
Concen: 41.229 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:228 Resp: 711122
Ion Ratio Lower Upper
228 100
226 26.3 21.0 31.4
229 19.7 15.8 23.6

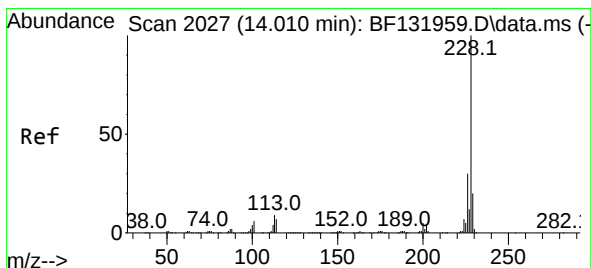
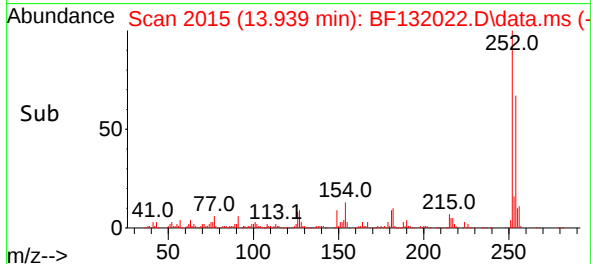
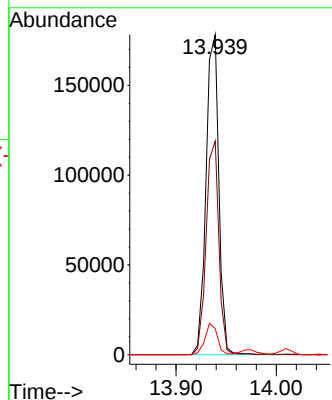
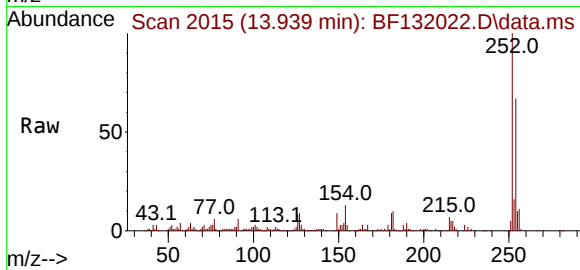




#82
3,3'-Dichlorobenzidine
Concen: 29.620 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

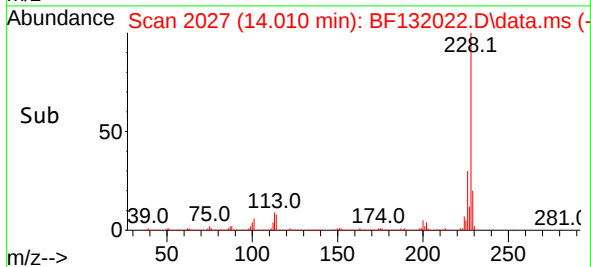
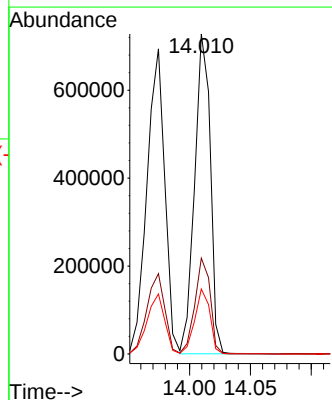
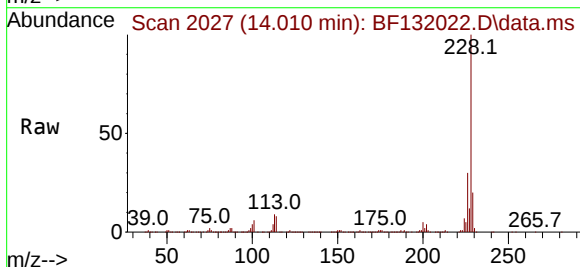
Instrument :
BNA_F
ClientSampleId :
PB150096BS

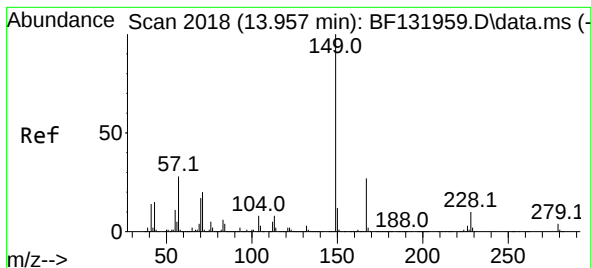
Tgt Ion:252 Resp: 159444
Ion Ratio Lower Upper
252 100
254 66.8 51.5 77.3
126 8.2 6.9 10.3



#83
Chrysene
Concen: 40.566 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF132022.D
Acq: 11 Jan 2023 13:25

Tgt Ion:228 Resp: 653893
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 20.3 16.2 24.4

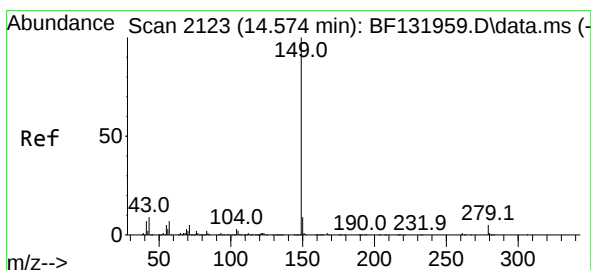
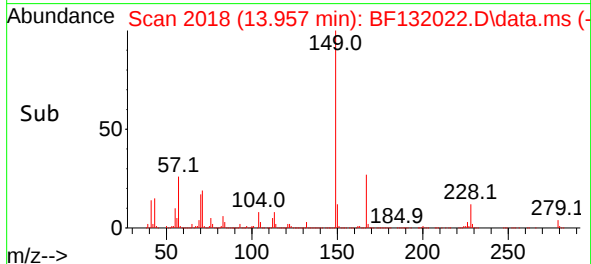
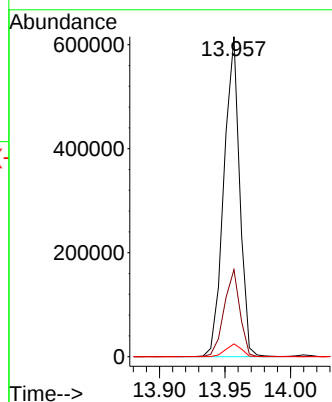
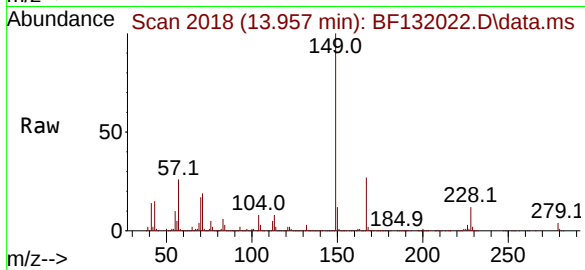




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.455 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

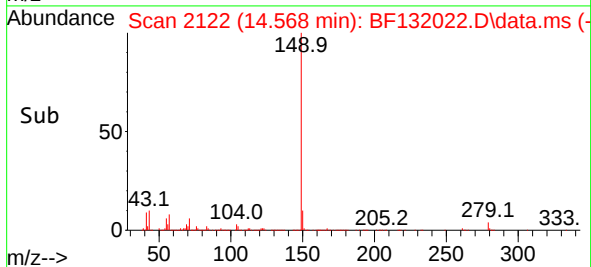
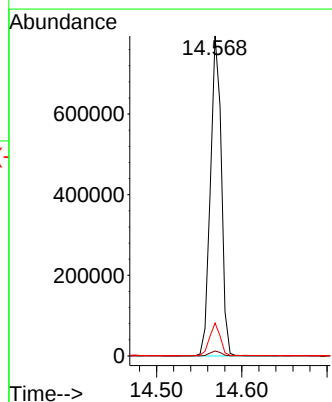
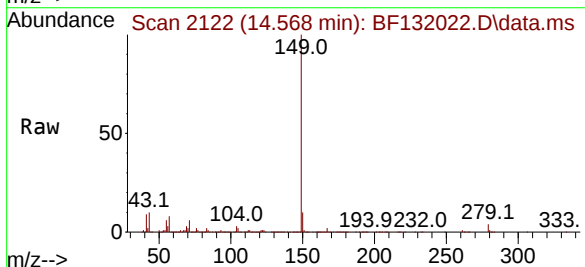
Instrument :
 BNA_F
 ClientSampleId :
 PB150096BS

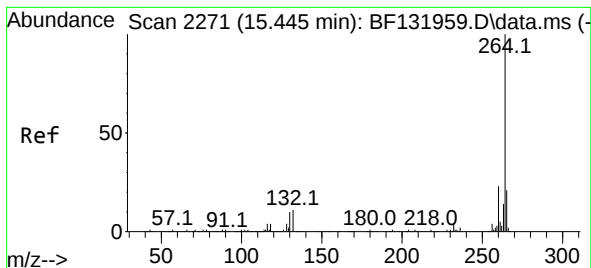
Tgt Ion:149 Resp: 513828
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.0 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 43.717 ng
 RT: 14.568 min Scan# 2122
 Delta R.T. -0.006 min
 Lab File: BF132022.D
 Acq: 11 Jan 2023 13:25

Tgt Ion:149 Resp: 707363
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.9 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

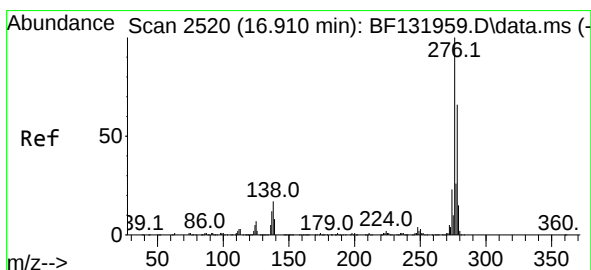
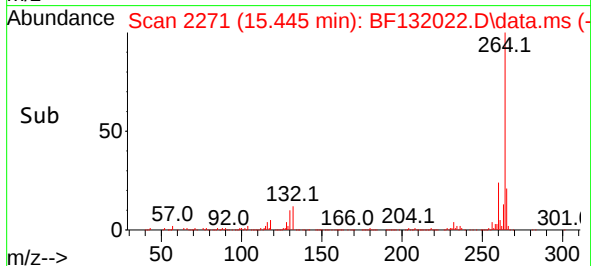
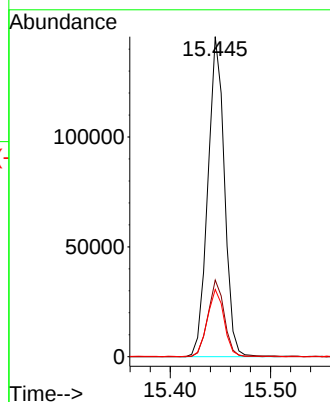
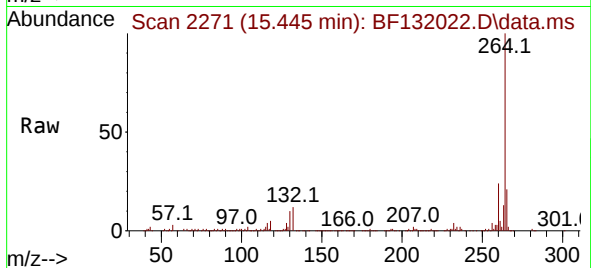
Tgt Ion:264 Resp: 167928

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 21.0 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.317 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

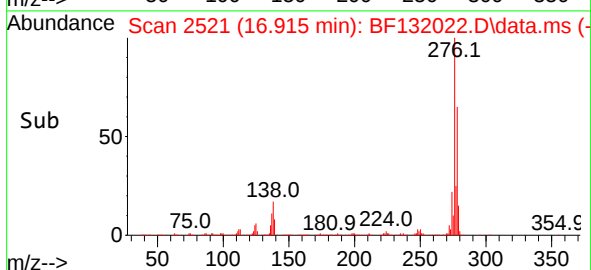
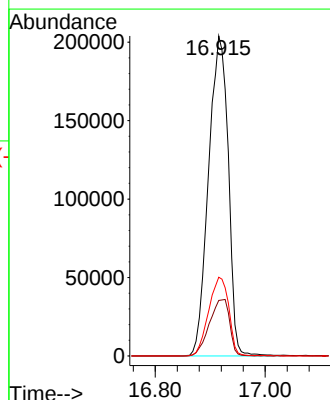
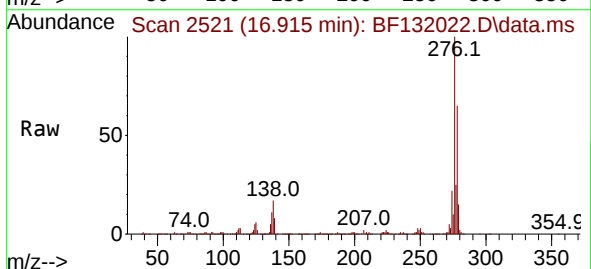
Tgt Ion:276 Resp: 507914

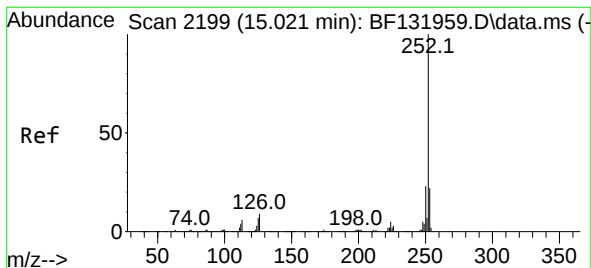
Ion Ratio Lower Upper

276 100

138 18.2 14.2 21.2

277 25.2 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 48.954 ng

RT: 15.021 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

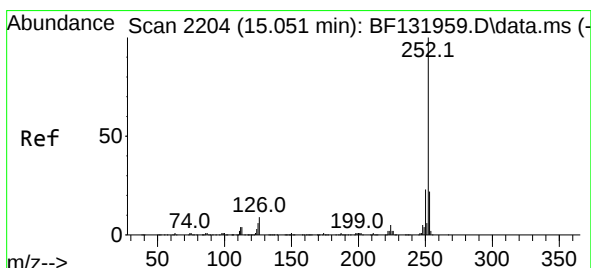
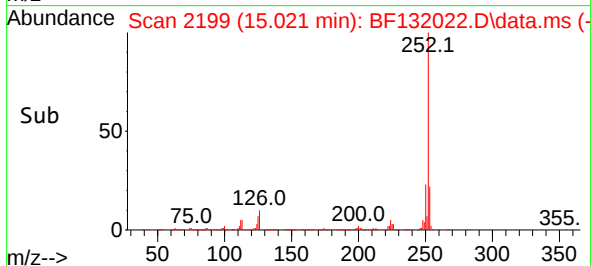
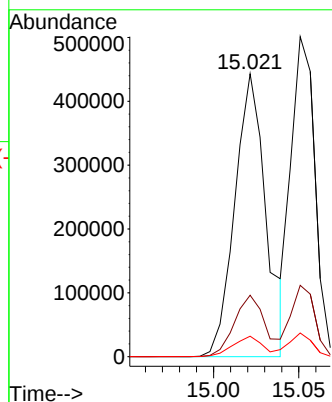
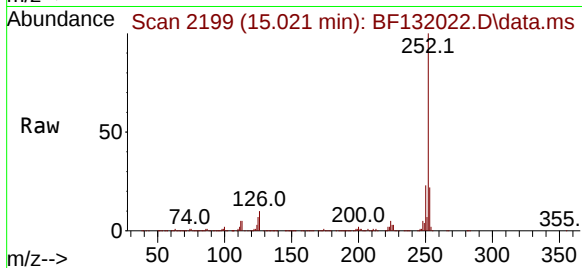
Tgt Ion:252 Resp: 563845

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 7.2 5.8 8.6



#89

Benzo(k)fluoranthene

Concen: 42.441 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

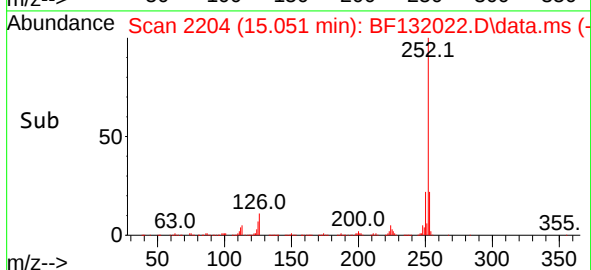
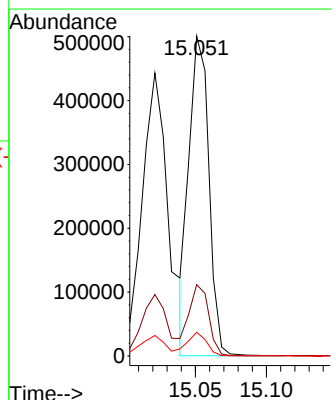
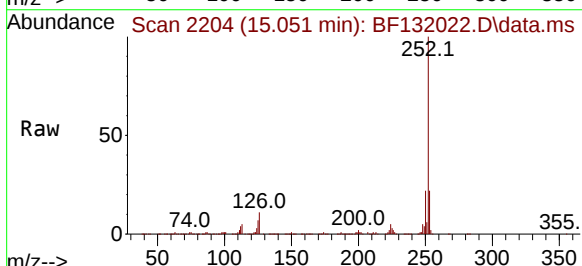
Tgt Ion:252 Resp: 487851

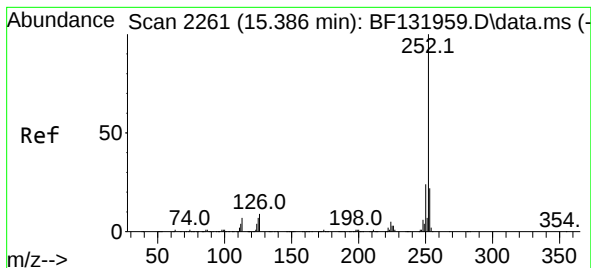
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 7.4 5.2 7.8





#90

Benzo(a)pyrene

Concen: 42.555 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS

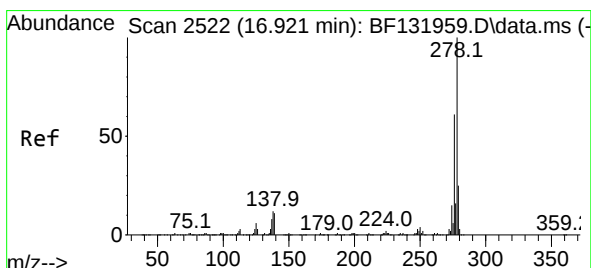
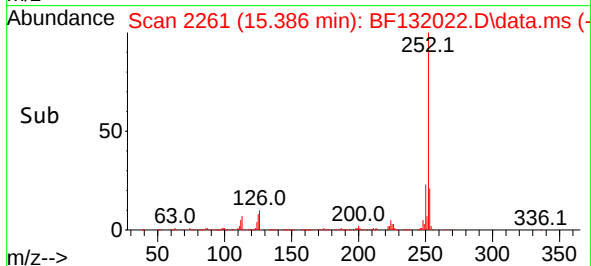
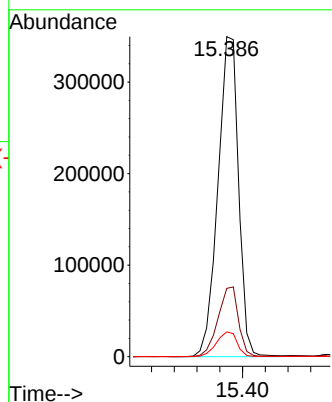
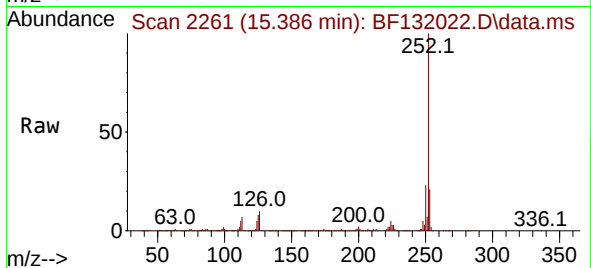
Tgt Ion:252 Resp: 441611

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 7.8 5.7 8.5



#91

Dibenzo(a,h)anthracene

Concen: 50.969 ng

RT: 16.933 min Scan# 2524

Delta R.T. 0.012 min

Lab File: BF132022.D

Acq: 11 Jan 2023 13:25

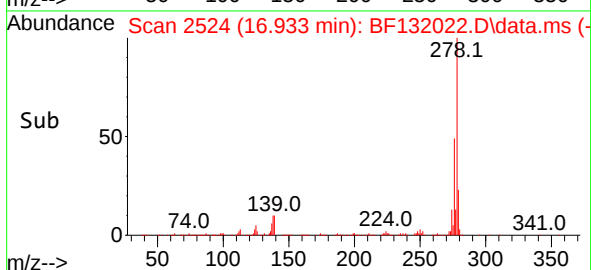
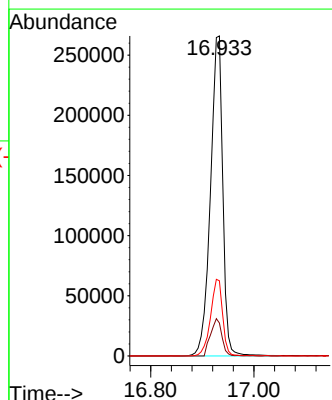
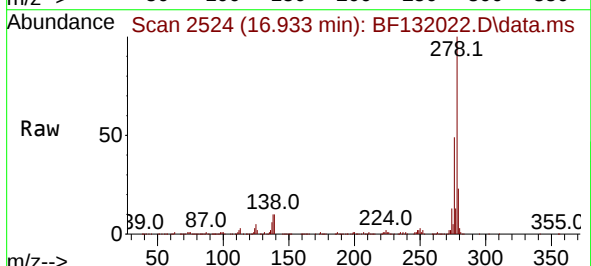
Tgt Ion:278 Resp: 440037

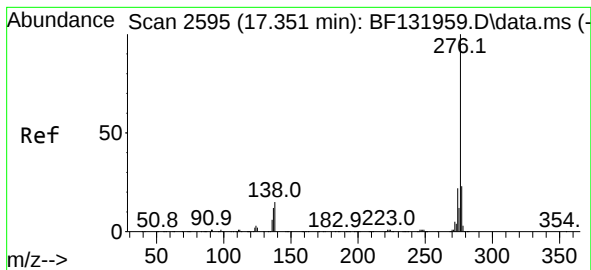
Ion Ratio Lower Upper

278 100

139 10.3 8.8 13.2

279 23.5 19.8 29.6





#92

Benzo(g,h,i)perylene

Concen: 46.222 ng

RT: 17.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132022.D

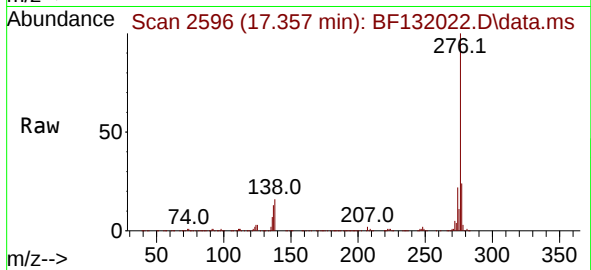
Acq: 11 Jan 2023 13:25

Instrument :

BNA_F

ClientSampleId :

PB150096BS



Tgt Ion:276 Resp: 425988

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.2

138 15.6 11.7 17.5

