

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132042.D
 Acq On : 12 Jan 2023 15:28
 Operator : CG\JU
 Sample : PB150088BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150088BSD

Quant Time: Jan 13 01:33:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	69224	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	261260	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	159603	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	303746	20.000	ng	0.00
76) Chrysene-d12	13.963	240	199106	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	149531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	586210	139.539	ng	0.02
7) Phenol-d6	6.428	99	762824	136.950	ng	0.00
23) Nitrobenzene-d5	7.351	82	525951	83.552	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	229051	124.818	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	921405	77.935	ng	0.00
79) Terphenyl-d14	12.904	244	1168358	84.105	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	67928	37.022	ng	97
3) Pyridine	3.252	79	175824	34.144	ng	99
4) n-Nitrosodimethylamine	3.222	42	109223	45.131	ng	93
6) Aniline	6.434	93	173254	23.640	ng	# 1
8) 2-Chlorophenol	6.563	128	197753	46.917	ng	97
9) Benzaldehyde	6.322	77	64791	17.481	ng	99
10) Phenol	6.440	94	279880	45.042	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	206105	44.001	ng	99
12) 1,3-Dichlorobenzene	6.710	146	210192	44.772	ng	98
13) 1,4-Dichlorobenzene	6.787	146	214851	45.230	ng	98
14) 1,2-Dichlorobenzene	6.940	146	208031	46.112	ng	97
15) Benzyl Alcohol	6.928	79	220465	45.452	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	252130	42.653	ng	# 38
17) 2-Methylphenol	7.045	107	180617	43.301	ng	94
18) Hexachloroethane	7.281	117	87369	44.475	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	167942	41.680	ng	98
20) 3+4-Methylphenols	7.198	107	235189	43.919	ng	# 86
22) Acetophenone	7.192	105	328779	43.222	ng	# 94
24) Nitrobenzene	7.369	77	270184	42.160	ng	99
25) Isophorone	7.604	82	468627	39.850	ng	99
26) 2-Nitrophenol	7.681	139	109044	43.245	ng	95
27) 2,4-Dimethylphenol	7.728	122	185636	44.105	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	260382	40.006	ng	99
29) 2,4-Dichlorophenol	7.934	162	186055	43.157	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	209869	42.506	ng	97
31) Naphthalene	8.087	128	568819	41.198	ng	100
32) Benzoic acid	7.887	122	105668	43.305	ng	94
33) 4-Chloroaniline	8.139	127	107506	18.869	ng	98
34) Hexachlorobutadiene	8.192	225	138189	40.369	ng	98
35) Caprolactam	8.528	113	32727	25.847	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	219090	43.300	ng	95
37) 2-Methylnaphthalene	8.781	142	390011	39.331	ng	100
38) 1-Methylnaphthalene	8.881	142	364755	39.703	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	222844	39.623	ng	99
41) Hexachlorocyclopentadiene	8.928	237	167409	61.896	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	136952	40.456	ng	99

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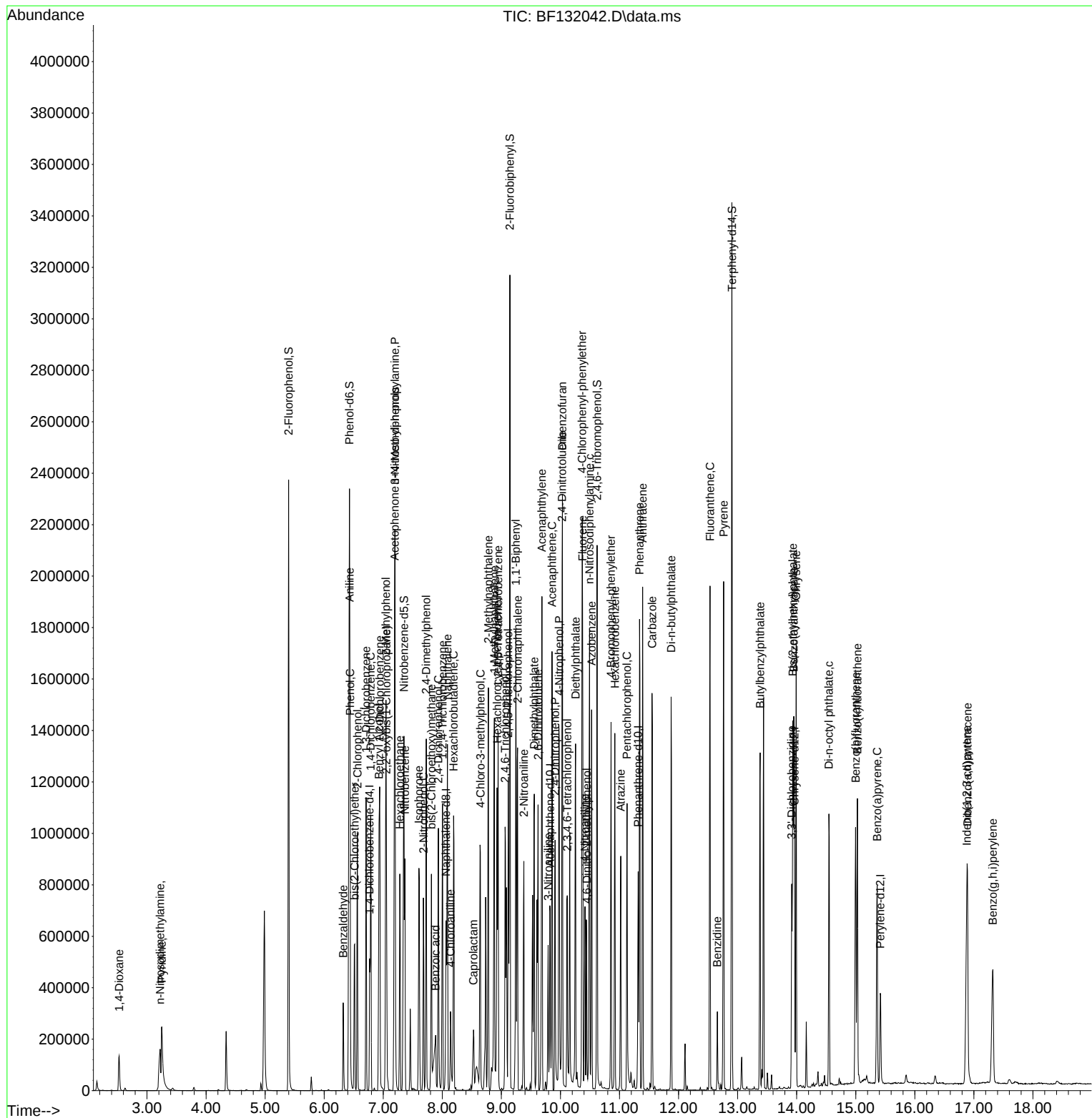
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	146967	37.291	ng	98
46) 1,1'-Biphenyl	9.245	154	495782	40.246	ng	99
47) 2-Chloronaphthalene	9.275	162	399908	41.826	ng	97
48) 2-Nitroaniline	9.381	65	148926	42.884	ng	94
49) Acenaphthylene	9.686	152	597321	40.259	ng	99
50) Dimethylphthalate	9.557	163	490852	39.455	ng	99
51) 2,6-Dinitrotoluene	9.622	165	109441	41.826	ng	92
52) Acenaphthene	9.857	154	361950	40.641	ng	99
53) 3-Nitroaniline	9.792	138	66894	26.351	ng	95
54) 2,4-Dinitrophenol	9.910	184	122792	93.465	ng	95
55) Dibenzofuran	10.033	168	557050	39.680	ng	99
56) 4-Nitrophenol	9.981	139	117471	82.154	ng	91
57) 2,4-Dinitrotoluene	10.028	165	149203	42.650	ng	89
58) Fluorene	10.375	166	453489	40.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	102567	34.927	ng	99
60) Diethylphthalate	10.257	149	473734	38.725	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	243125	37.871	ng	98
62) 4-Nitroaniline	10.416	138	98793	43.280	ng	95
63) Azobenzene	10.528	77	501046	38.610	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	84889	43.337	ng	96
66) n-Nitrosodiphenylamine	10.492	169	389961	40.921	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	147753	38.884	ng	98
68) Hexachlorobenzene	10.922	284	162678	42.322	ng	97
69) Atrazine	11.022	200	102705	29.637	ng	97
70) Pentachlorophenol	11.128	266	133703	66.032	ng	96
71) Phenanthrene	11.339	178	679791	42.931	ng	100
72) Anthracene	11.392	178	685992	42.083	ng	99
73) Carbazole	11.551	167	607241	44.996	ng	99
74) Di-n-butylphthalate	11.875	149	717001	38.156	ng	100
75) Fluoranthene	12.533	202	763982	42.901	ng	99
77) Benzidine	12.657	184	102333	15.470	ng	97
78) Pyrene	12.763	202	770267	42.416	ng	100
80) Butylbenzylphthalate	13.380	149	275841	37.632	ng	95
81) Benzo(a)anthracene	13.951	228	583946	40.312	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	145215	32.121	ng	99
83) Chrysene	13.992	228	540431	39.920	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	355605	35.809	ng	99
85) Di-n-octyl phthalate	14.545	149	493846	36.341	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	462106	50.389	ng	100
88) Benzo(b)fluoranthene	14.998	252	466773	45.512	ng	99
89) Benzo(k)fluoranthene	15.027	252	455190	44.471	ng	100
90) Benzo(a)pyrene	15.363	252	393084	42.539	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	400672	52.119	ng	99
92) Benzo(g,h,i)perylene	17.321	276	392624	47.719	ng	99

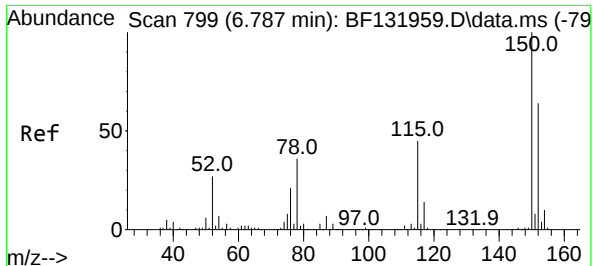
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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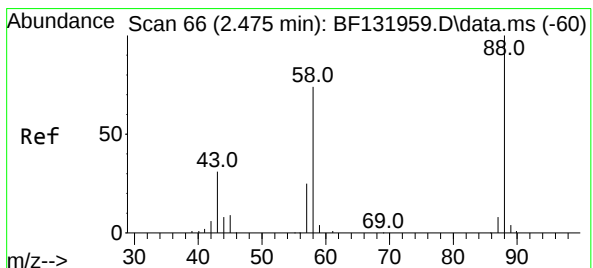
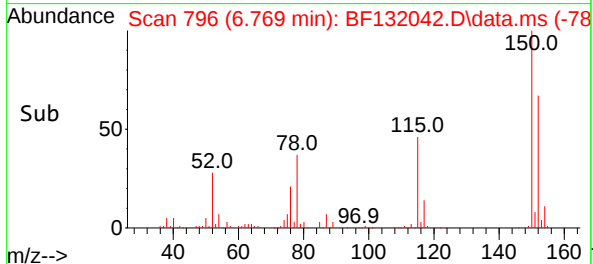
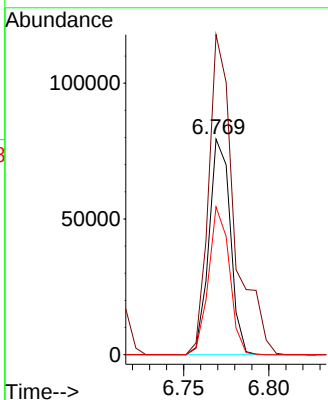
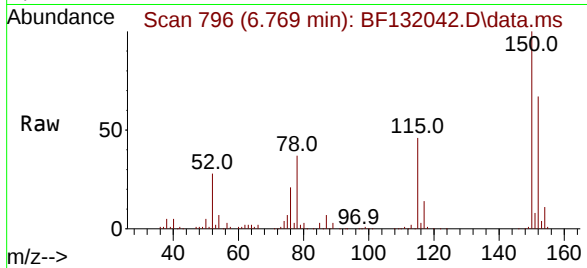




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

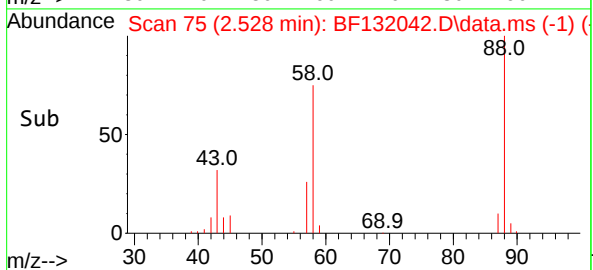
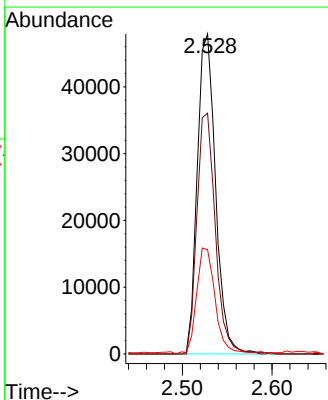
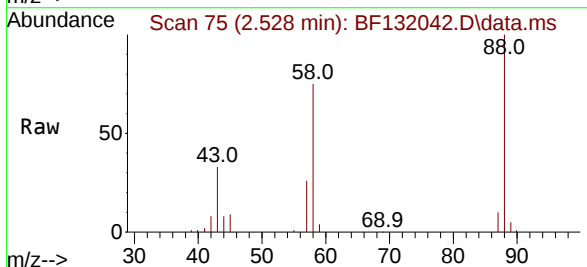
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 ClientSampleId :
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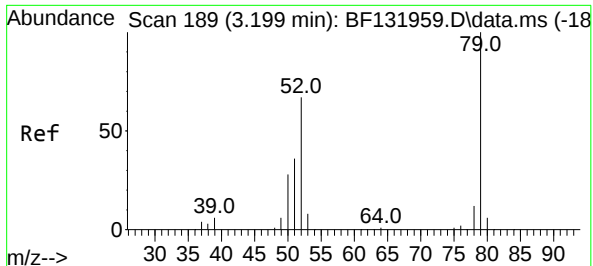
Tgt Ion:152 Resp: 69224
 Ion Ratio Lower Upper
 152 100
 150 148.5 124.6 186.8
 115 68.6 55.6 83.4



#2
 1,4-Dioxane
 Concen: 37.022 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.094 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

Tgt Ion: 88 Resp: 67928
 Ion Ratio Lower Upper
 88 100
 58 75.7 59.0 88.4
 43 33.7 24.6 37.0

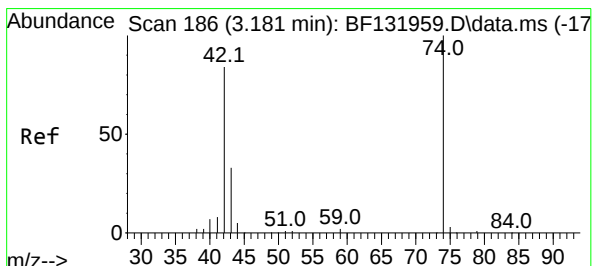
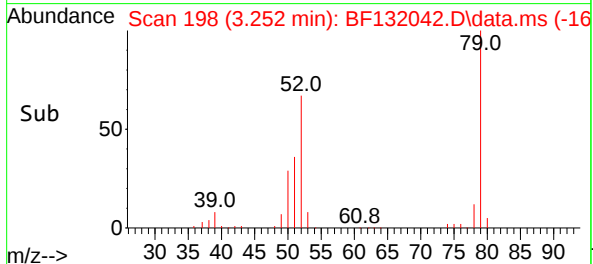
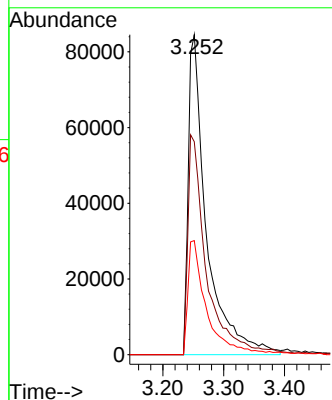
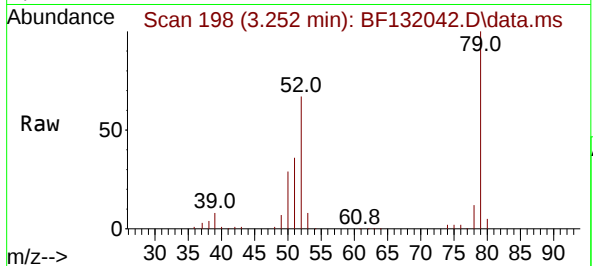




#3
 Pyridine
 Concen: 34.144 ng
 RT: 3.252 min Scan# 190
 Delta R.T. 0.094 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

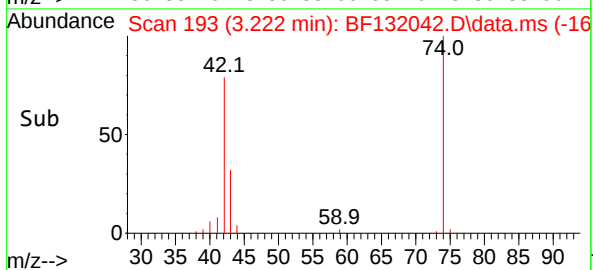
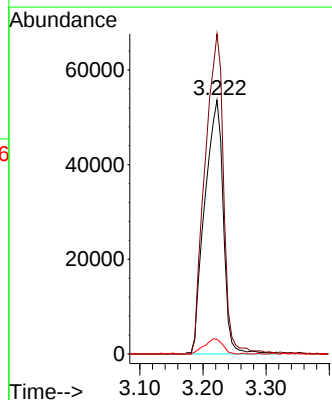
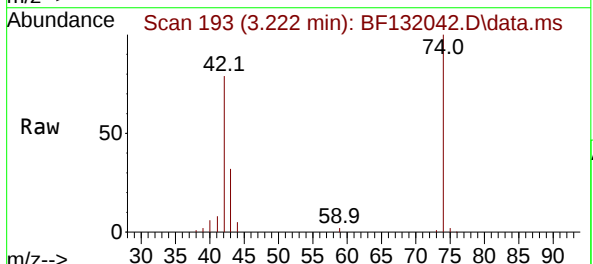
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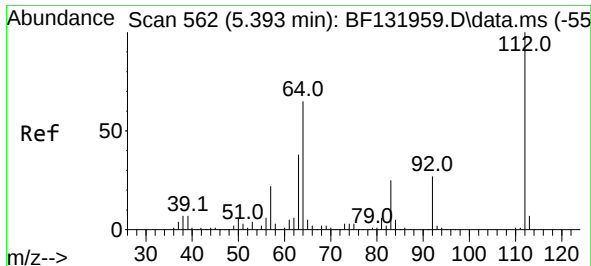
Tgt Ion:	79	Resp:	175824
Ion	Ratio	Lower	Upper
79	100		
52	66.5	53.7	80.5
51	35.6	28.6	43.0



#4
 n-Nitrosodimethylamine
 Concen: 45.131 ng
 RT: 3.222 min Scan# 193
 Delta R.T. 0.088 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

Tgt Ion:	42	Resp:	109223
Ion	Ratio	Lower	Upper
42	100		
74	126.1	94.8	142.2
44	5.7	4.5	6.7

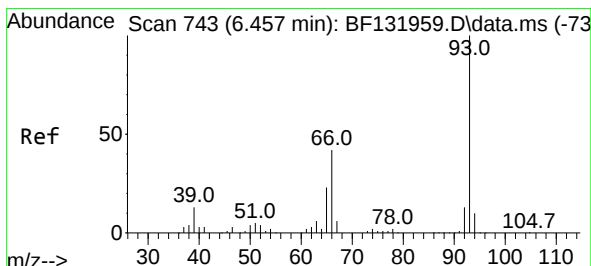
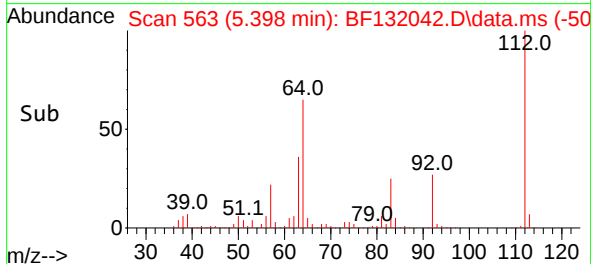
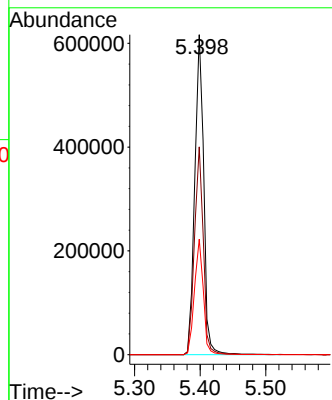
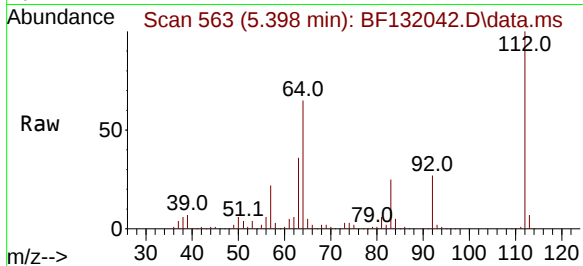




#5
2-Fluorophenol
Concen: 139.539 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

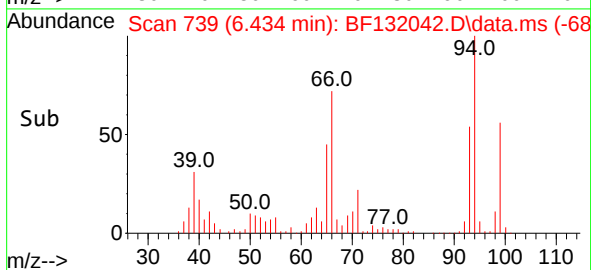
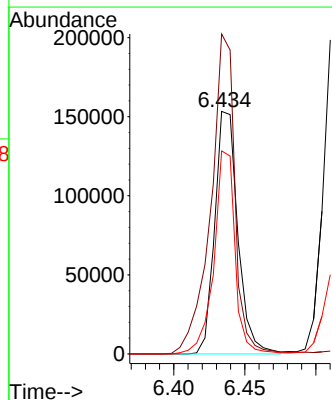
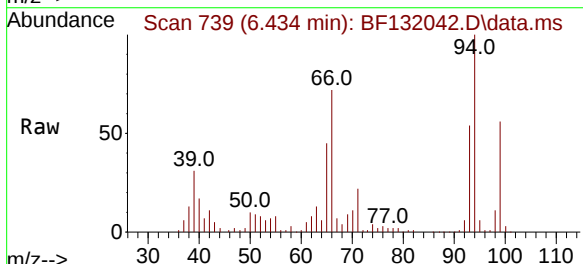
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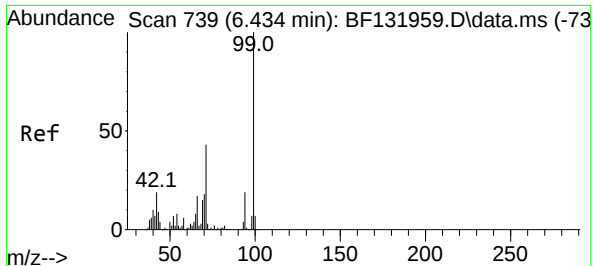
Tgt Ion:112 Resp: 586210
Ion Ratio Lower Upper
112 100
64 65.0 51.9 77.9
63 36.1 30.2 45.2



#6
Aniline
Concen: 23.640 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 93 Resp: 173254
Ion Ratio Lower Upper
93 100
66 131.9 34.6 51.8#
65 83.7 18.2 27.2#

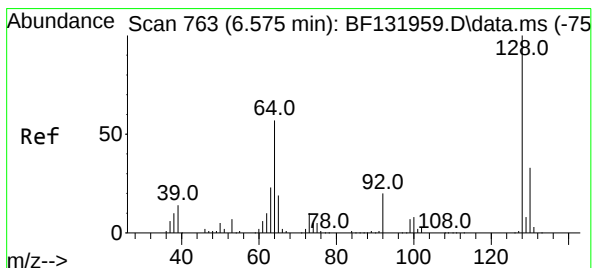
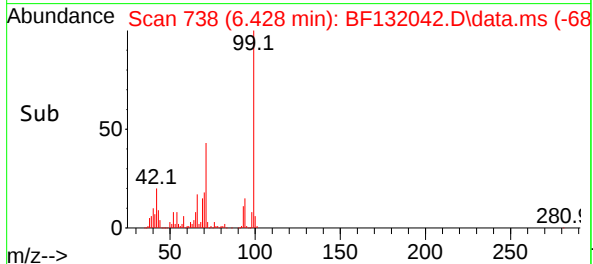
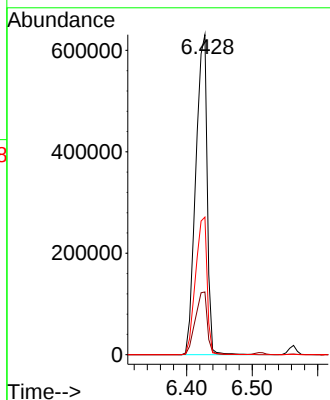
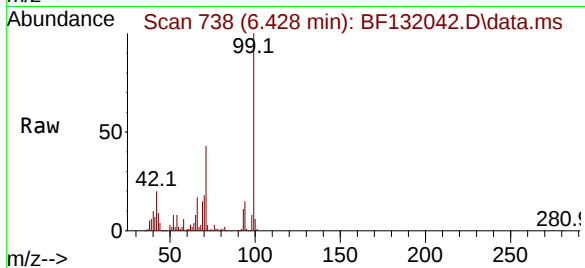




#7
Phenol-d6
Concen: 136.950 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

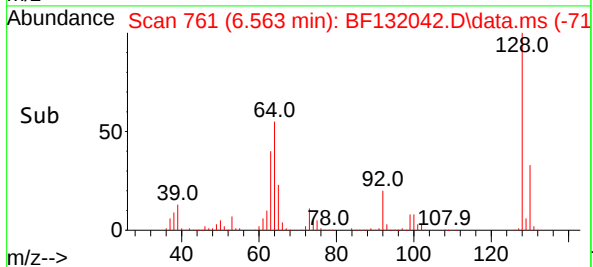
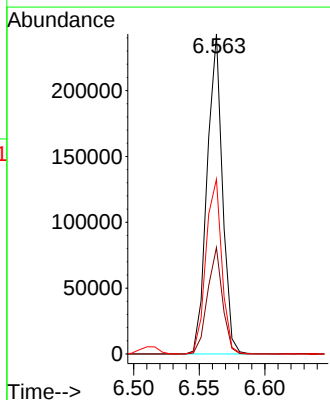
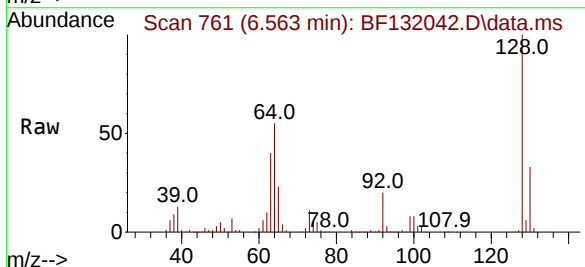
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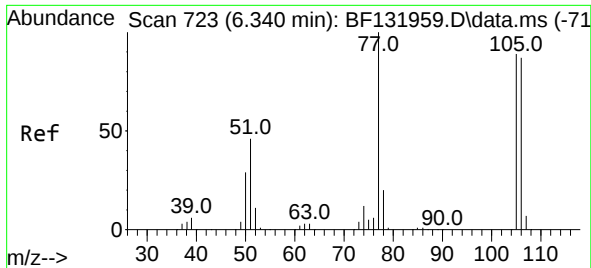
Tgt Ion: 99 Resp: 762824
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.2
71 43.0 34.6 51.8



#8
2-Chlorophenol
Concen: 46.917 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 128 Resp: 197753
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 54.6 37.6 77.6





#9

Benzaldehyde

Concen: 17.481 ng

RT: 6.322 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

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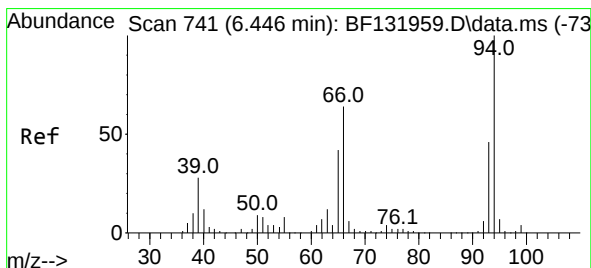
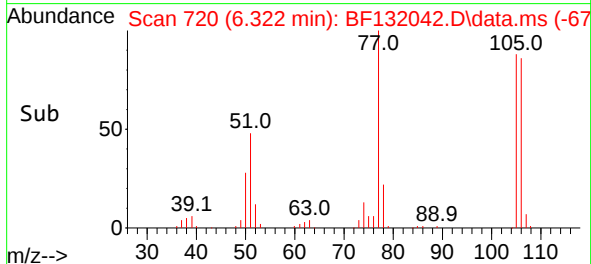
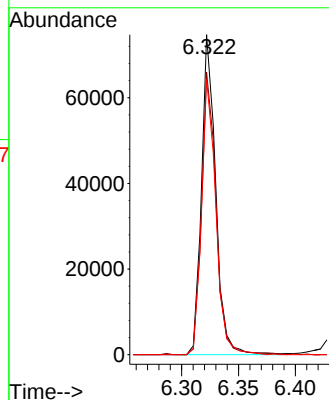
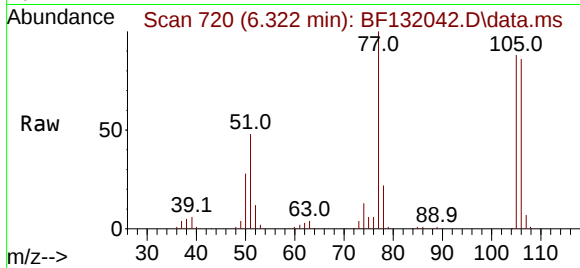
Tgt Ion: 77 Resp: 64791

Ion Ratio Lower Upper

77 100

105 88.2 69.0 109.0

106 86.2 67.0 107.0



#10

Phenol

Concen: 45.042 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.006 min

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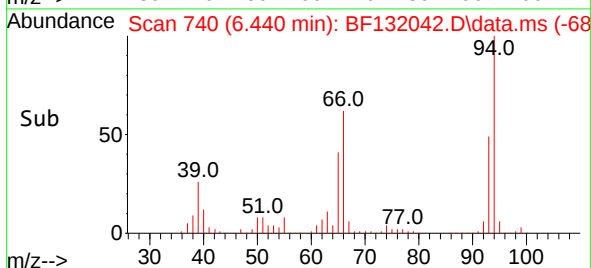
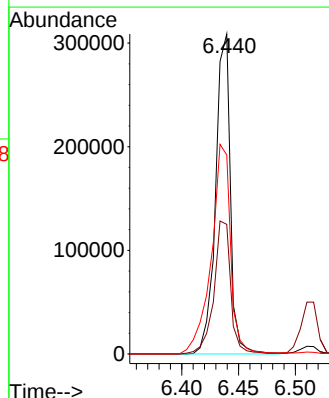
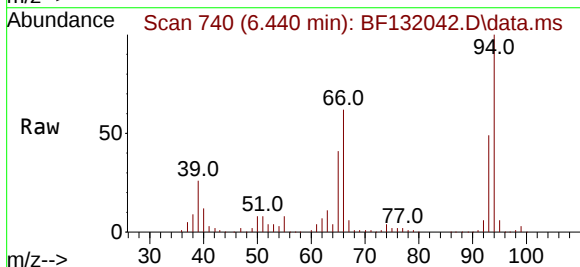
Tgt Ion: 94 Resp: 279880

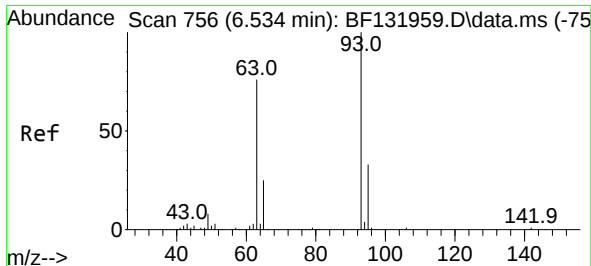
Ion Ratio Lower Upper

94 100

65 40.5 22.2 62.2

66 62.2 44.4 84.4

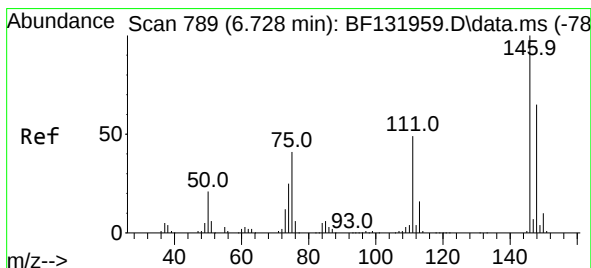
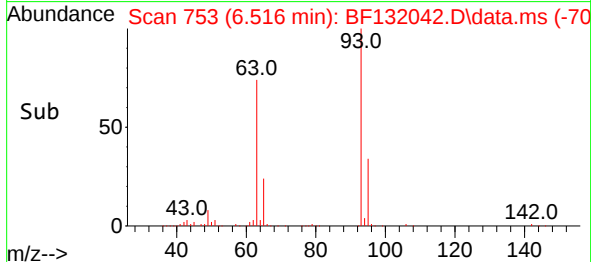
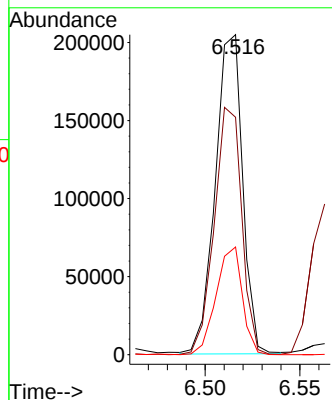
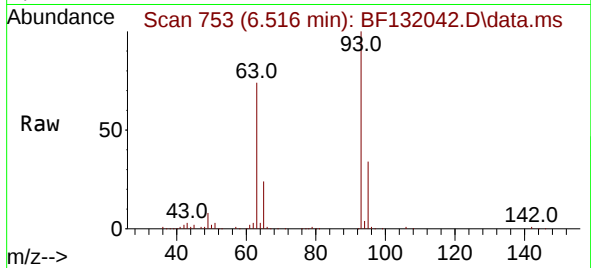




#11
bis(2-Chloroethyl)ether
Concen: 44.001 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

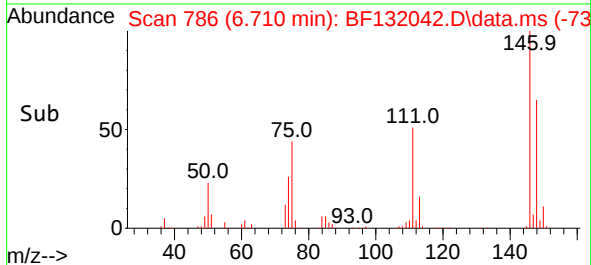
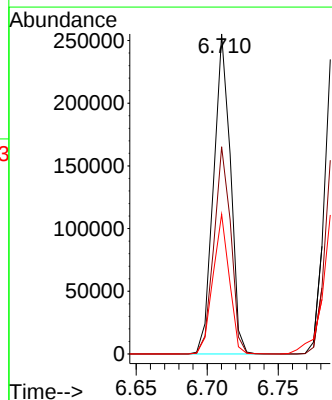
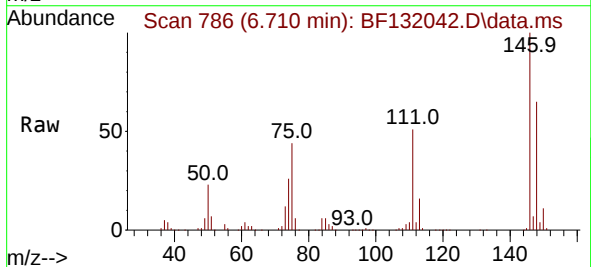
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

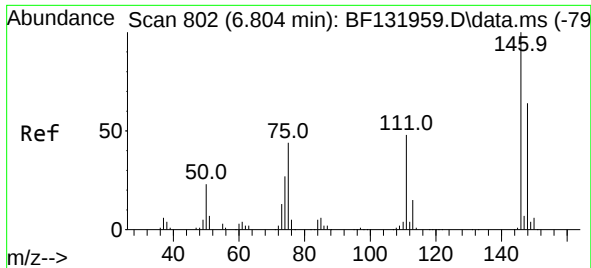
Tgt Ion: 93 Resp: 206105
Ion Ratio Lower Upper
93 100
63 74.2 55.5 95.5
95 33.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 44.772 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 146 Resp: 210192
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
75 43.7 32.7 49.1

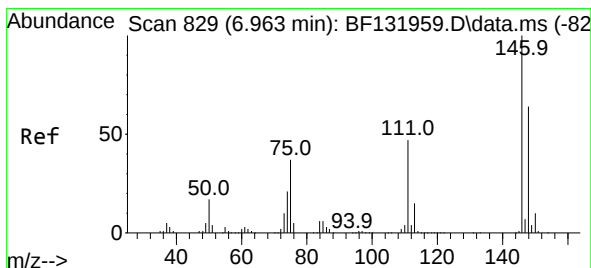
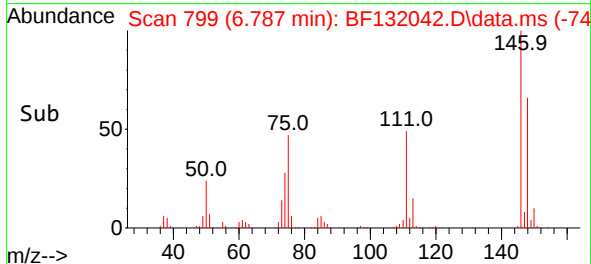
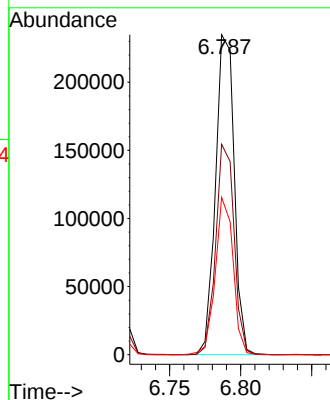
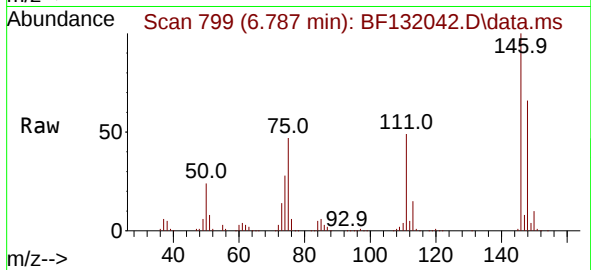




#13
1,4-Dichlorobenzene
Concen: 45.230 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

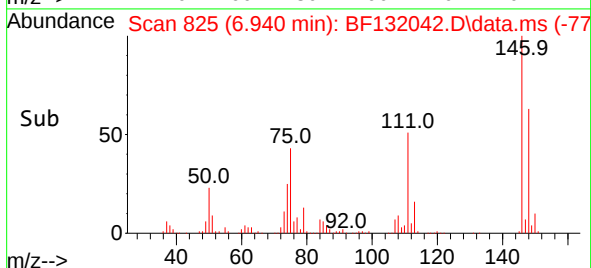
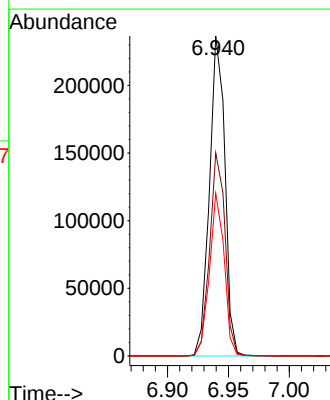
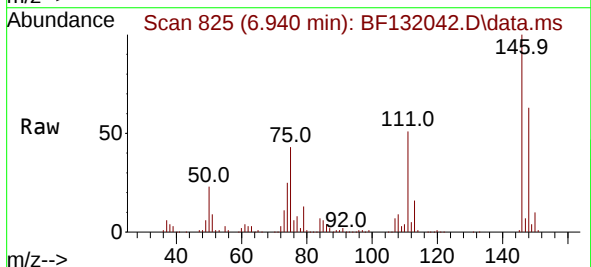
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

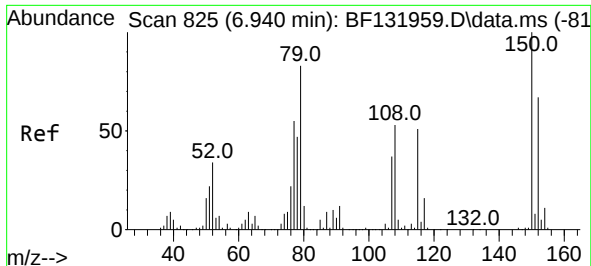
Tgt Ion:146 Resp: 214851
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.6
111 49.2 38.5 57.7



#14
1,2-Dichlorobenzene
Concen: 46.112 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:146 Resp: 208031
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 50.8 37.7 56.5

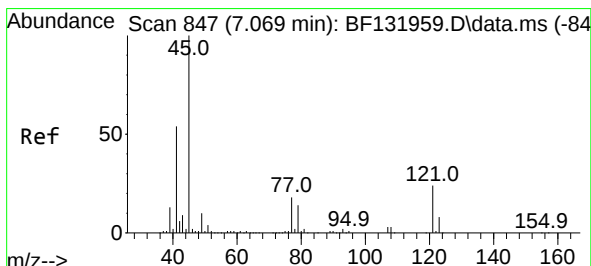
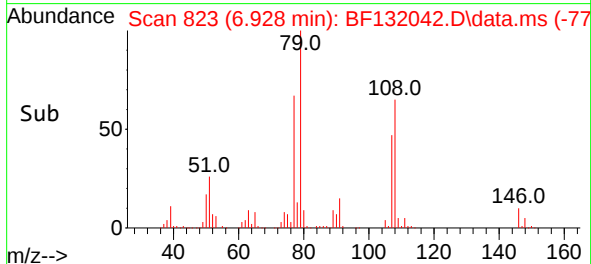
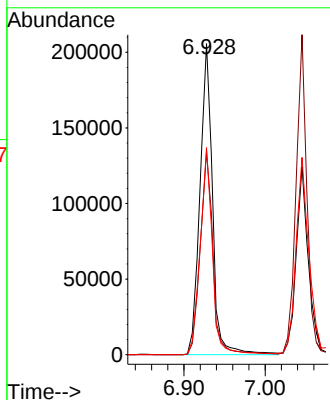
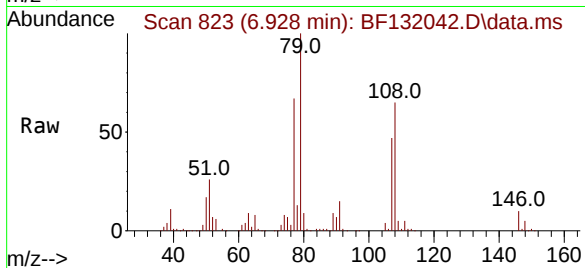




#15
Benzyl Alcohol
Concen: 45.452 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

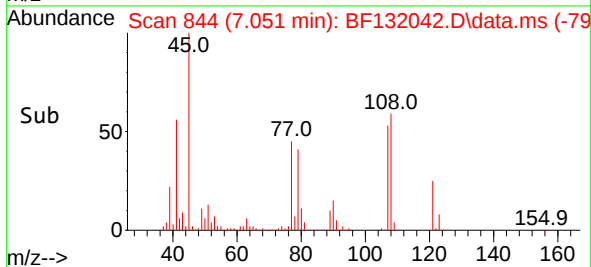
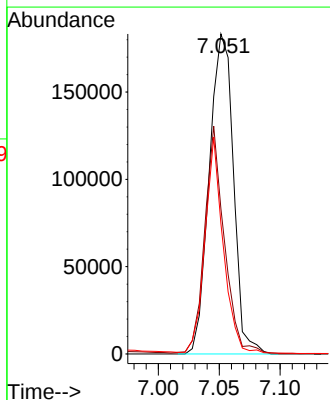
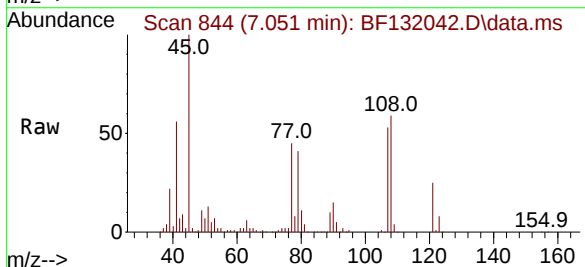
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

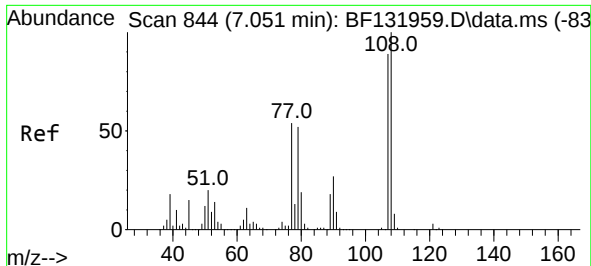
Tgt Ion: 79 Resp: 220465
Ion Ratio Lower Upper
79 100
108 65.2 51.7 77.5
77 66.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.653 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 45 Resp: 252130
Ion Ratio Lower Upper
45 100
77 45.4 0.0 38.1#
79 40.7 0.0 34.6#

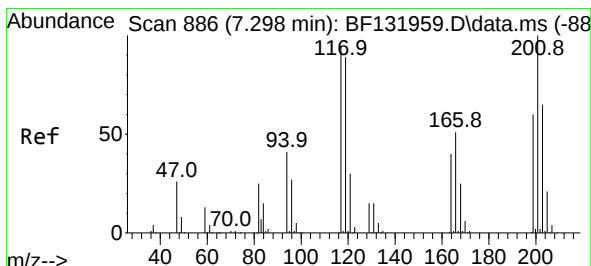
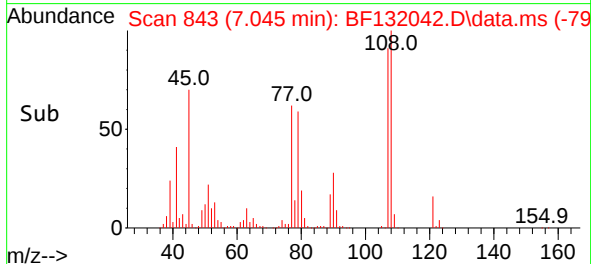
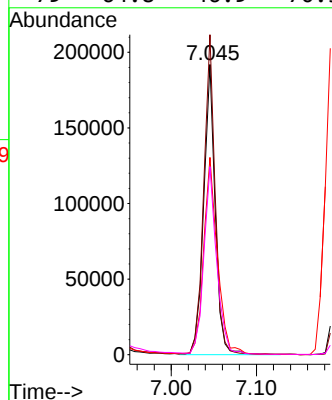
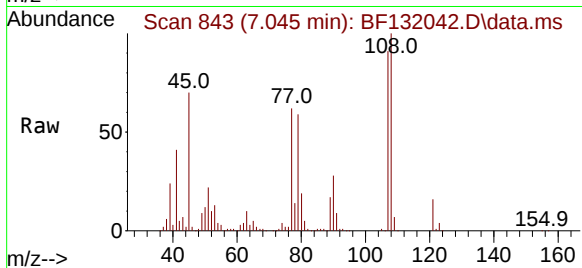




#17
2-Methylphenol
Concen: 43.301 ng
RT: 7.045 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

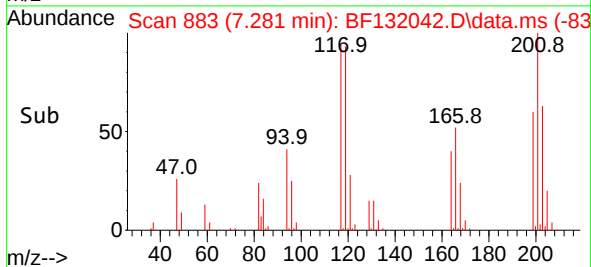
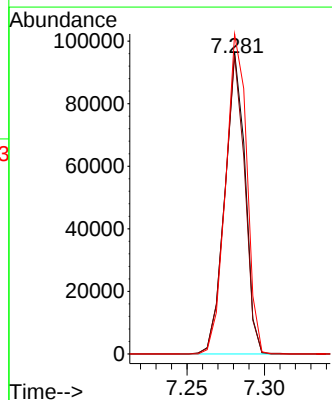
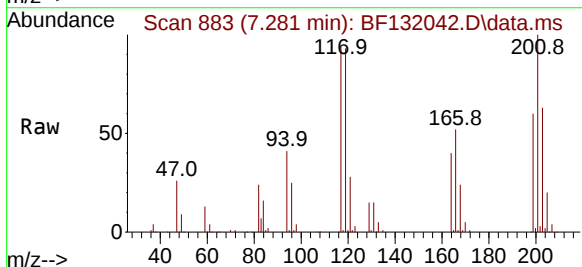
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

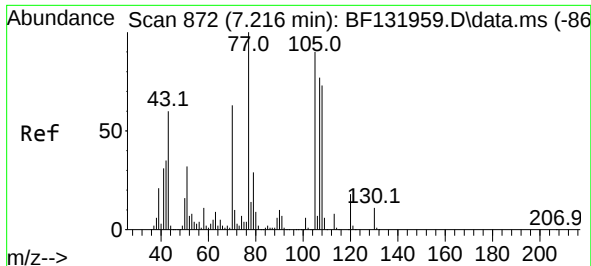
Tgt Ion:107 Resp: 180617
Ion Ratio Lower Upper
107 100
108 110.3 90.0 135.0
77 68.0 48.8 73.2
79 64.8 46.9 70.3



#18
Hexachloroethane
Concen: 44.475 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:117 Resp: 87369
Ion Ratio Lower Upper
117 100
119 98.7 75.4 113.0
201 105.9 84.2 126.4



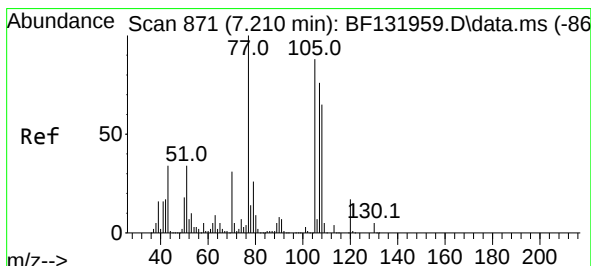
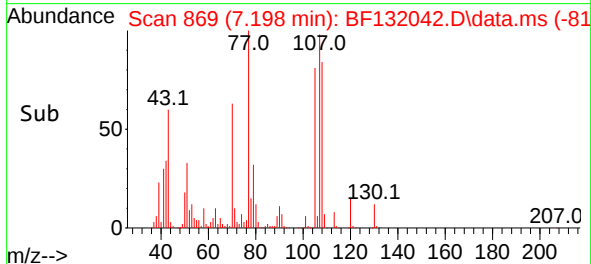
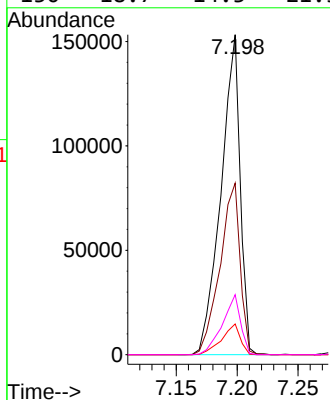
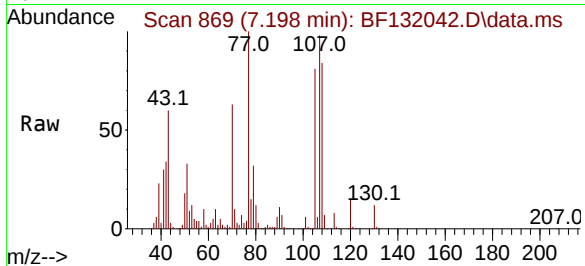


#19
n-Nitroso-di-n-propylamine
Concen: 41.680 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Instrument :
BNA_F
ClientSampleId :
PB150088BSD

Tgt Ion: 70 Resp: 167942

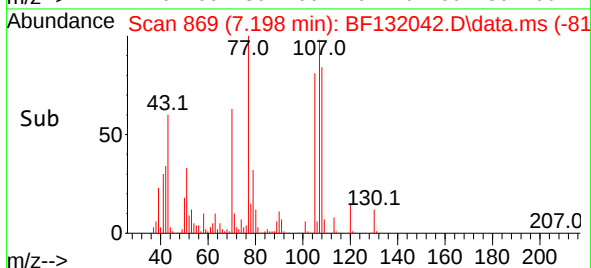
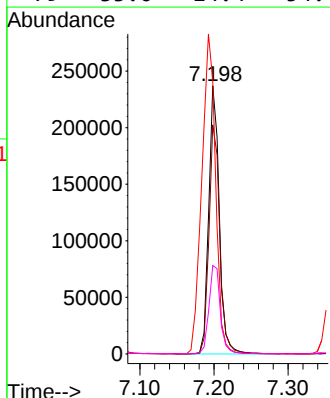
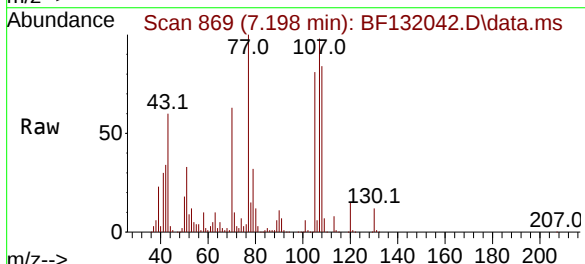
Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.3	66.5
101	9.6	7.5	11.3
130	18.7	14.3	21.5

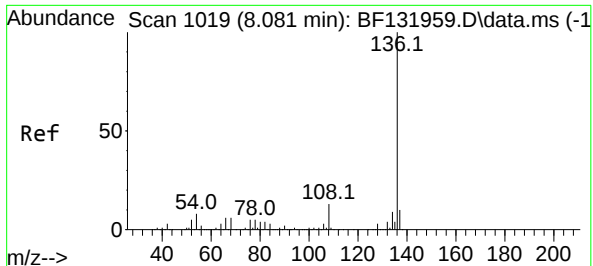


#20
3+4-Methylphenols
Concen: 43.919 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 107 Resp: 235189

Ion	Ratio	Lower	Upper
107	100		
108	85.4	65.1	105.1
77	101.9	111.2	151.2#
79	33.0	14.4	54.4

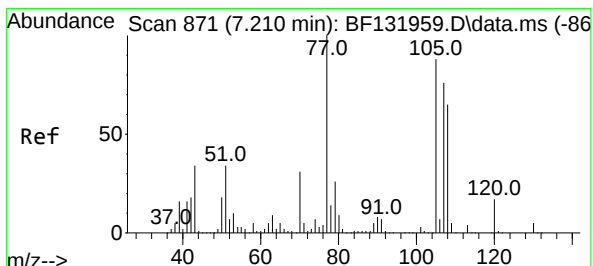
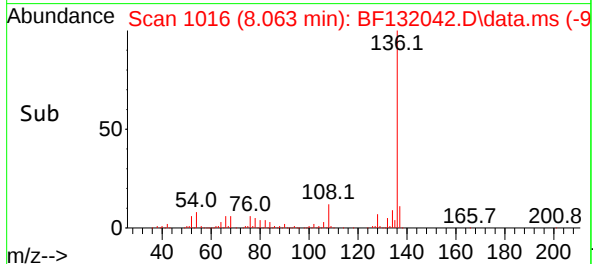
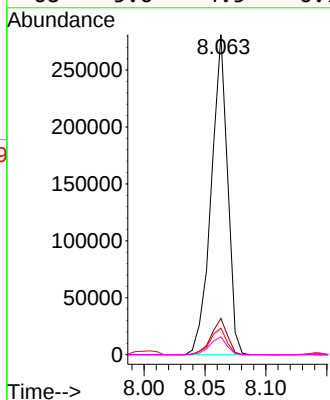
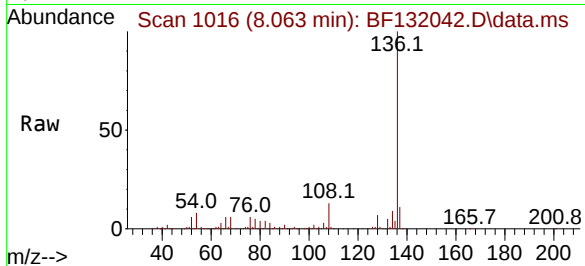




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

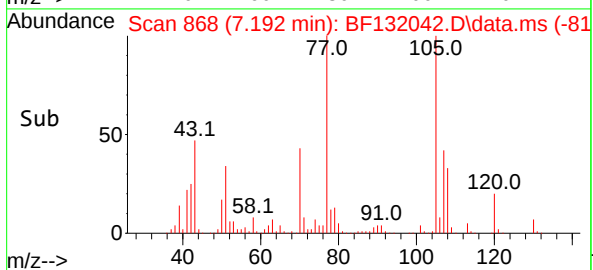
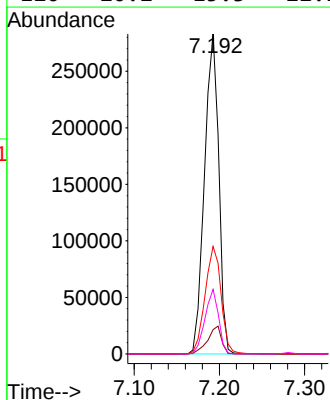
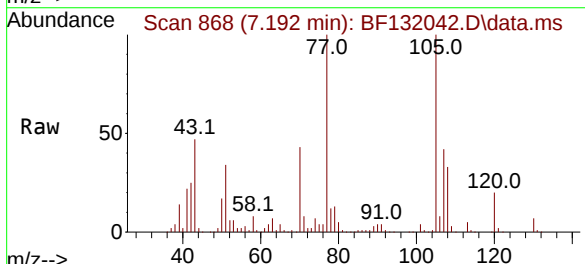
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

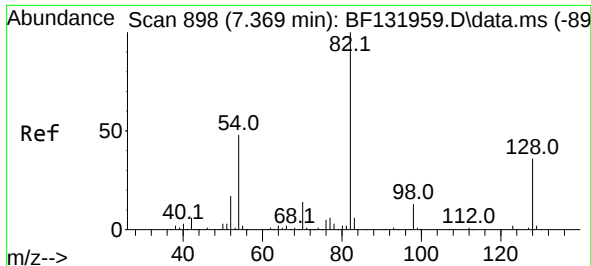
Tgt Ion:	136	Resp:	261260
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	8.3	6.6	9.8
68	5.6	4.5	6.7



#22
Acetophenone
Concen: 43.222 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:	105	Resp:	328779
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.6	7.0#
51	33.6	30.6	46.0
120	20.2	15.3	22.9





#23

Nitrobenzene-d5

Concen: 83.552 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

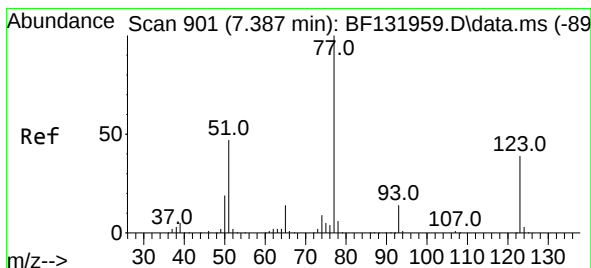
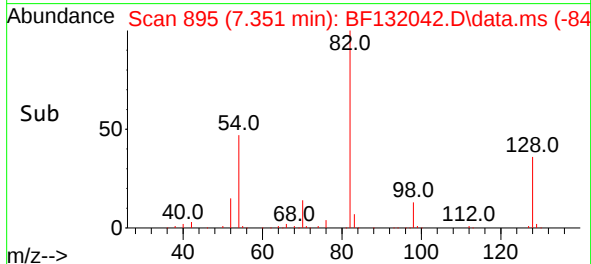
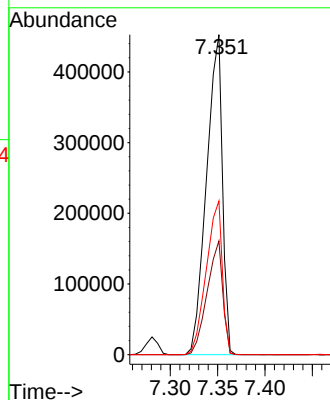
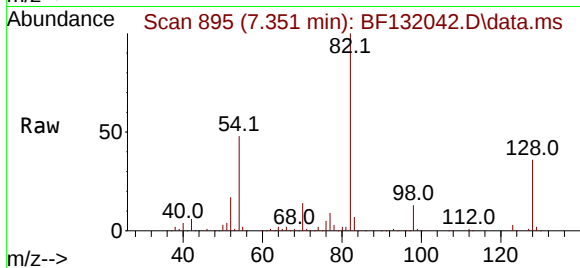
Tgt Ion: 82 Resp: 525951

Ion Ratio Lower Upper

82 100

128 35.5 28.7 43.1

54 48.0 38.1 57.1



#24

Nitrobenzene

Concen: 42.160 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

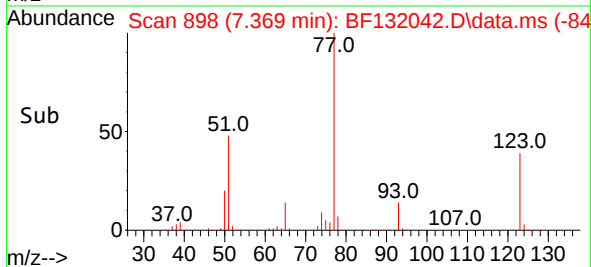
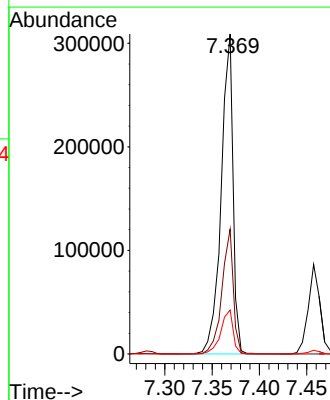
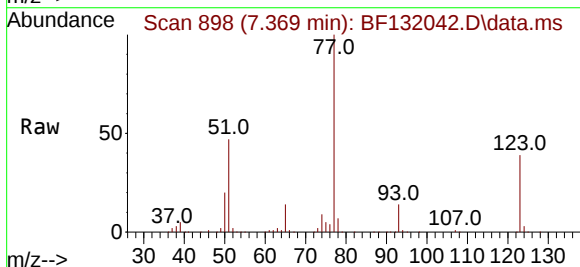
Tgt Ion: 77 Resp: 270184

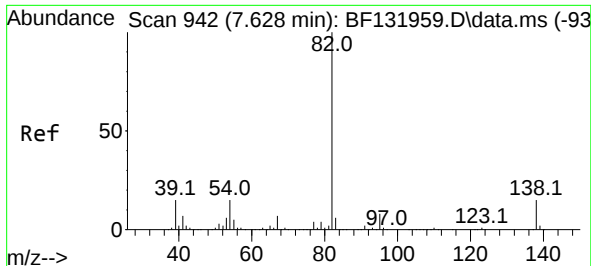
Ion Ratio Lower Upper

77 100

123 39.0 30.9 46.3

65 13.8 10.8 16.2

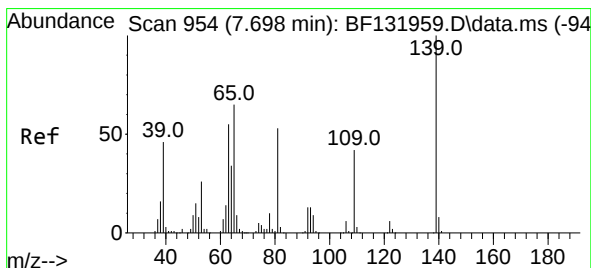
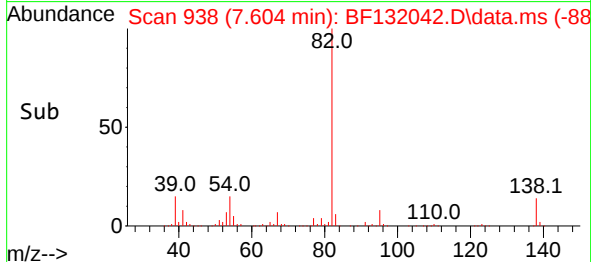
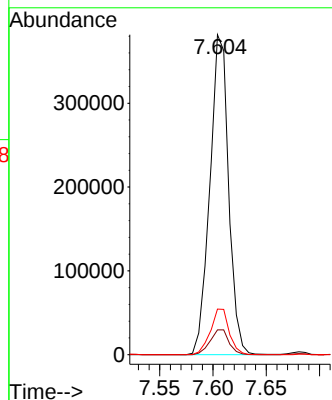
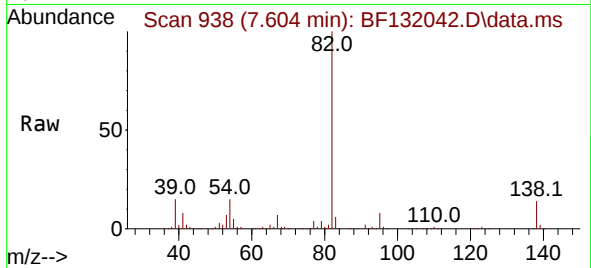




#25
Isophorone
Concen: 39.850 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

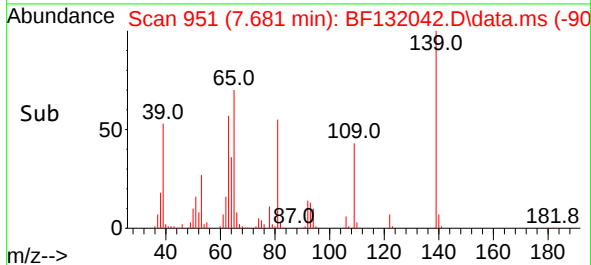
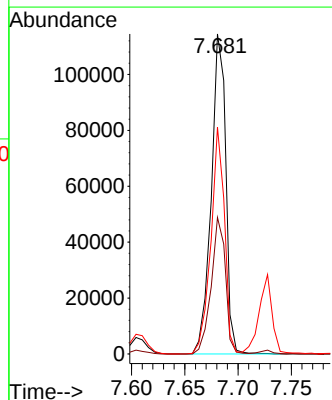
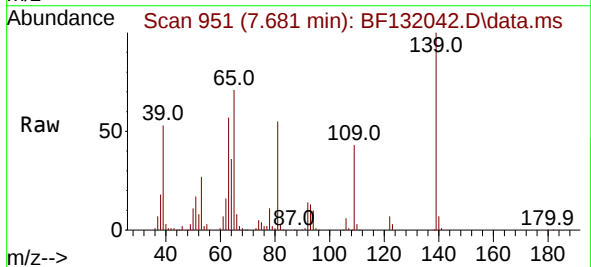
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

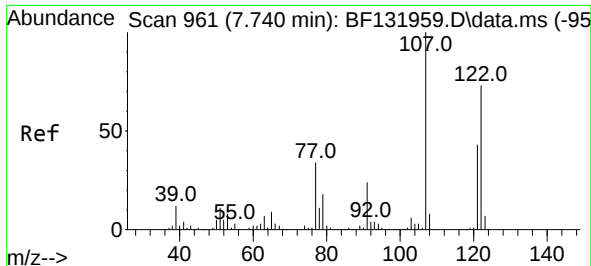
Tgt Ion: 82 Resp: 468627
Ion Ratio Lower Upper
82 100
95 7.8 6.5 9.7
138 14.2 11.9 17.9



#26
2-Nitrophenol
Concen: 43.245 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:139 Resp: 109044
Ion Ratio Lower Upper
139 100
109 42.7 33.9 50.9
65 70.9 51.6 77.4

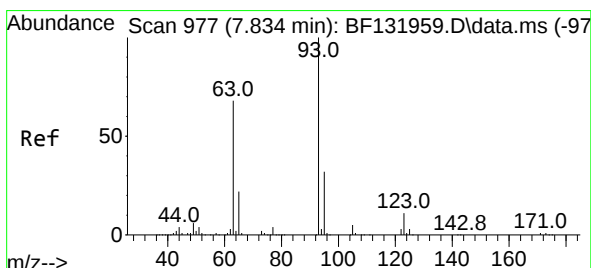
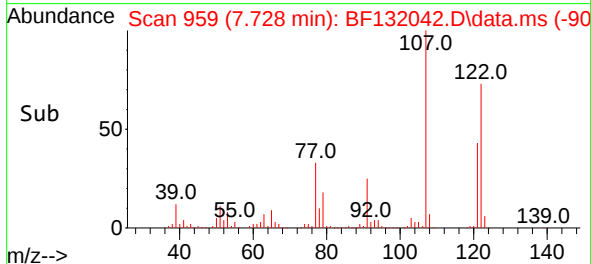
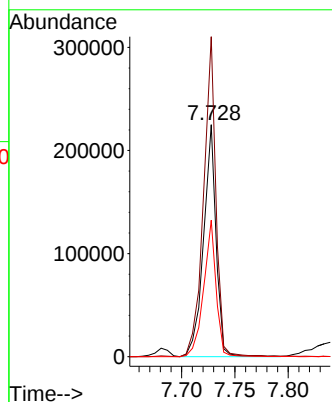
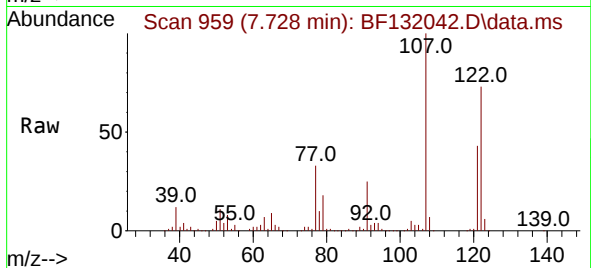




#27
2,4-Dimethylphenol
Concen: 44.105 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

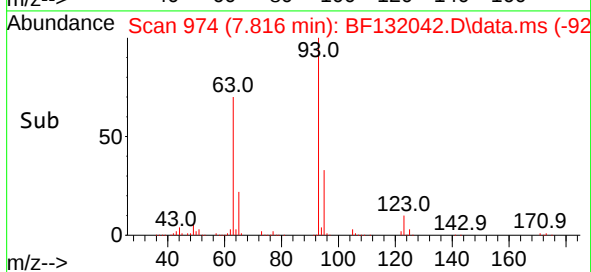
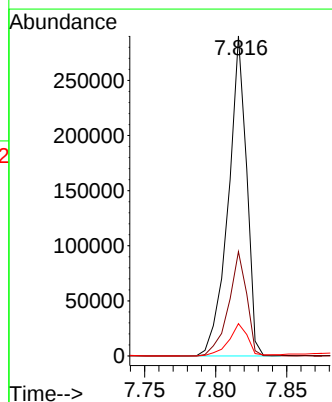
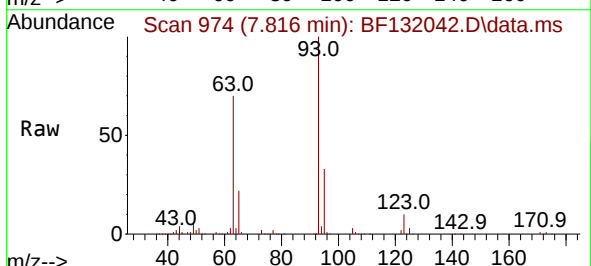
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

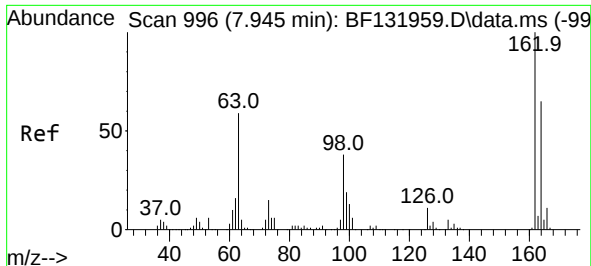
Tgt Ion:122 Resp: 185636
Ion Ratio Lower Upper
122 100
107 137.9 109.4 164.0
121 58.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.006 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 93 Resp: 260382
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 10.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.157 ng

RT: 7.934 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

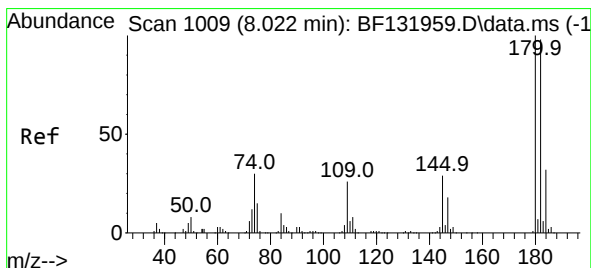
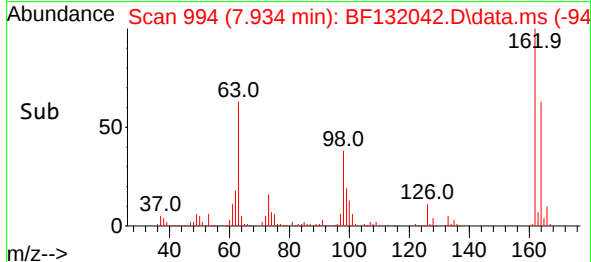
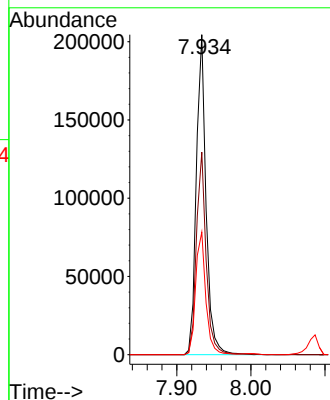
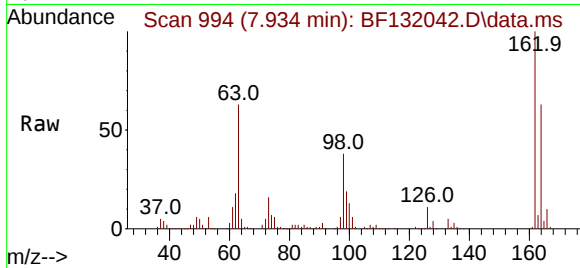
Tgt Ion:162 Resp: 186055

Ion Ratio Lower Upper

162 100

164 63.3 45.2 85.2

98 38.3 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 42.506 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

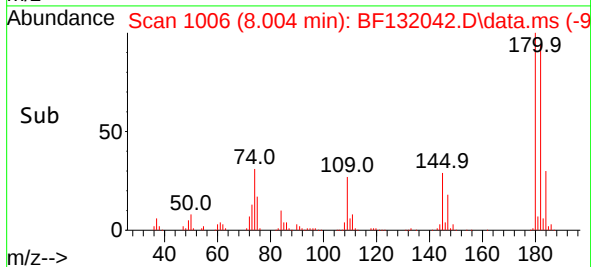
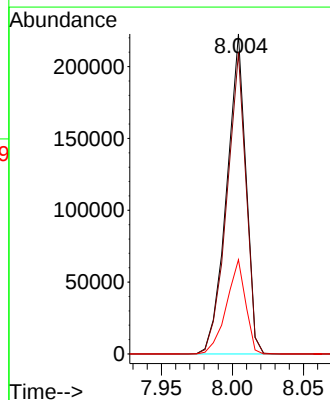
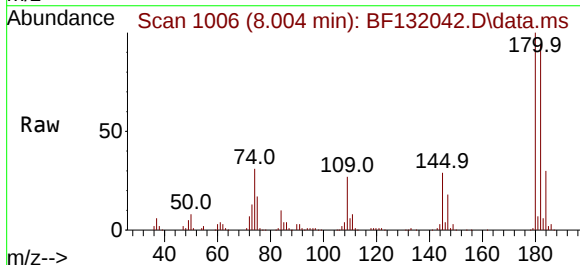
Tgt Ion:180 Resp: 209869

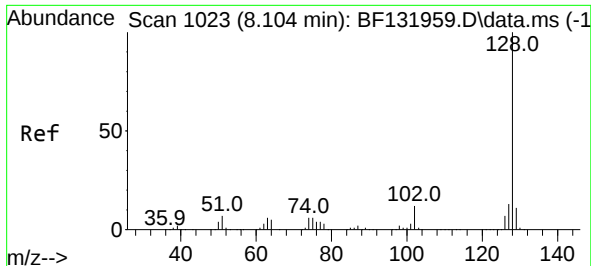
Ion Ratio Lower Upper

180 100

182 94.1 78.4 117.6

145 29.5 23.2 34.8

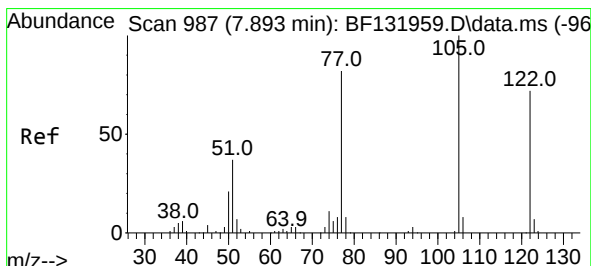
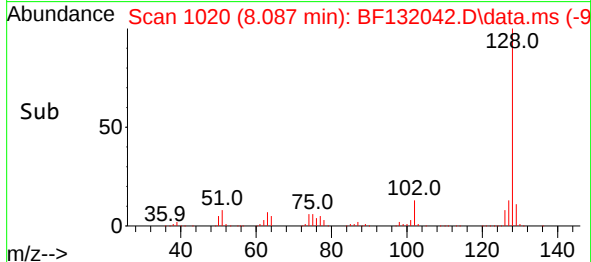
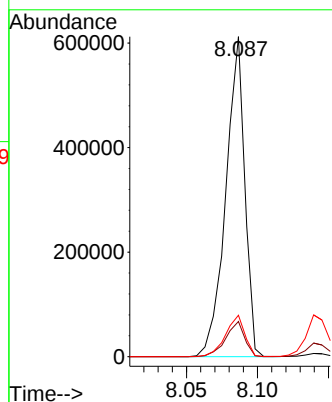
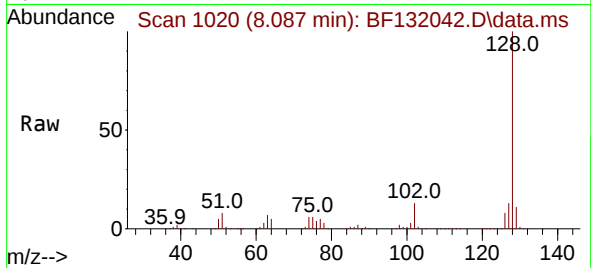




#31
Naphthalene
Concen: 41.198 ng
RT: 8.087 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

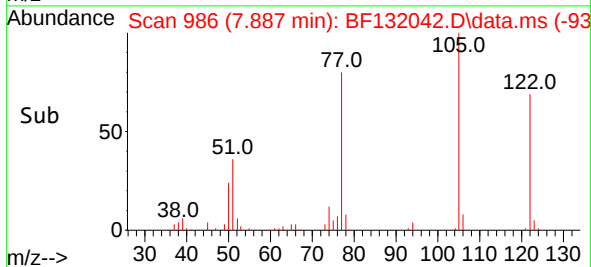
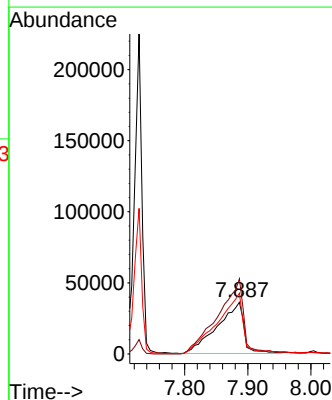
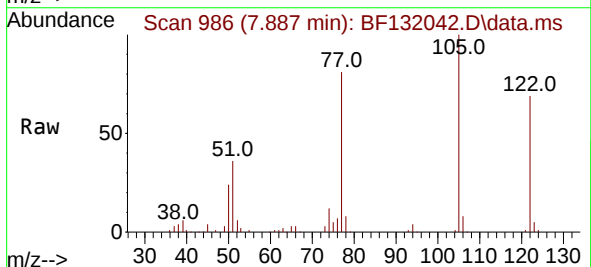
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

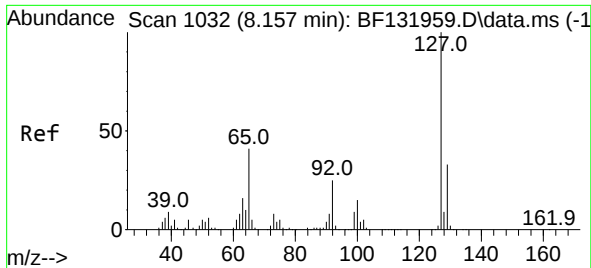
Tgt Ion:128 Resp: 568819
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 43.305 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:122 Resp: 105668
Ion Ratio Lower Upper
122 100
105 145.6 116.3 156.3
77 117.5 92.7 132.7

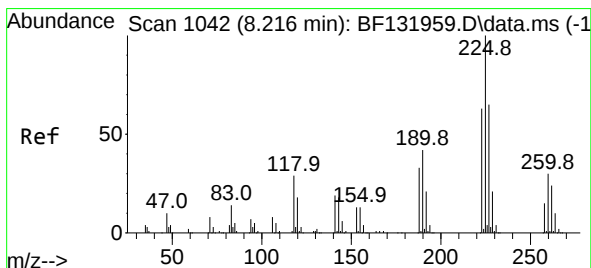
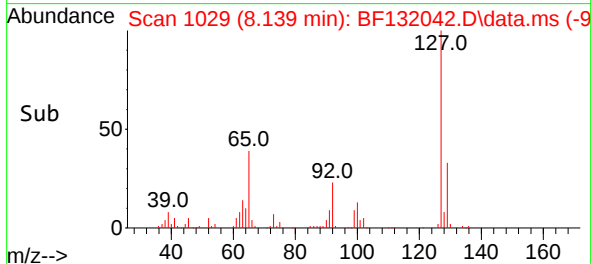
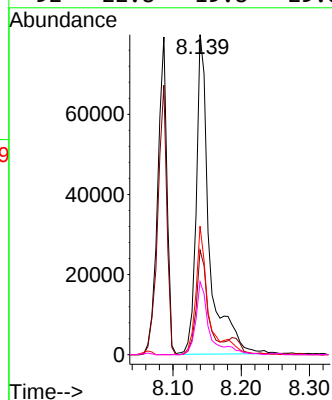
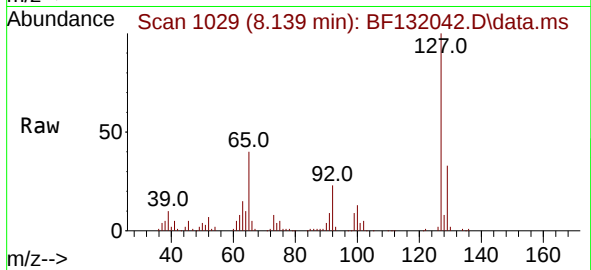




#33
4-Chloroaniline
Concen: 18.869 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

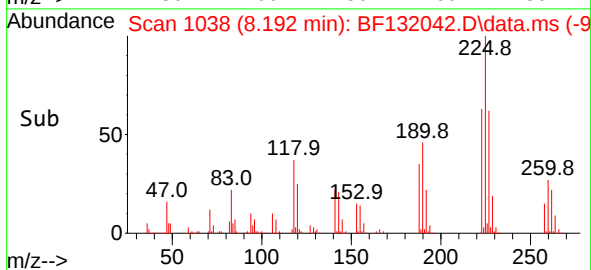
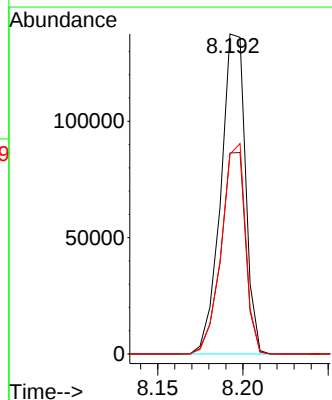
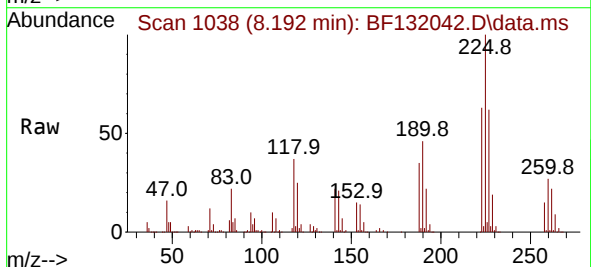
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

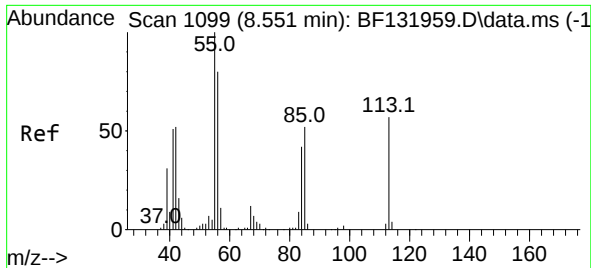
Tgt Ion:	127	Resp:	107506
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	40.1	33.1	49.7
92	22.8	19.8	29.8



#34
Hexachlorobutadiene
Concen: 40.369 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:	225	Resp:	138189
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	62.5	51.6	77.4

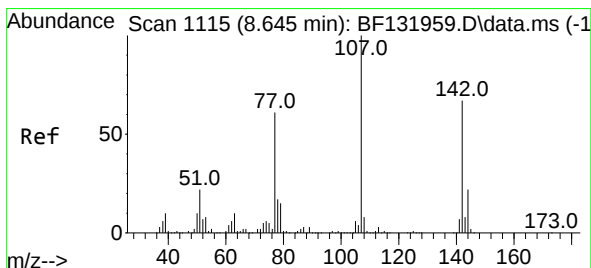
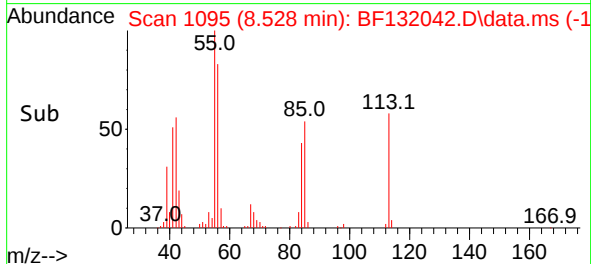
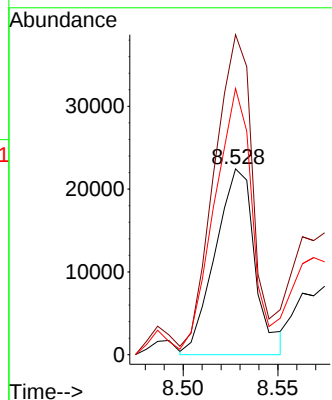
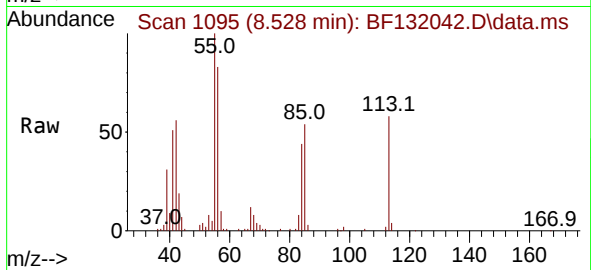




#35
 Caprolactam
 Concen: 25.847 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

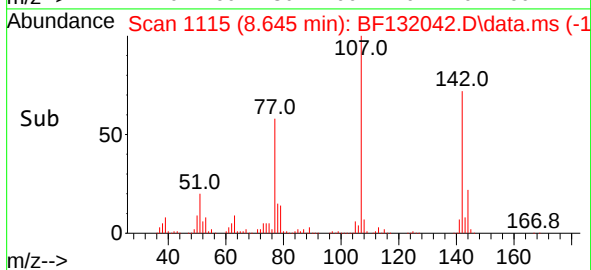
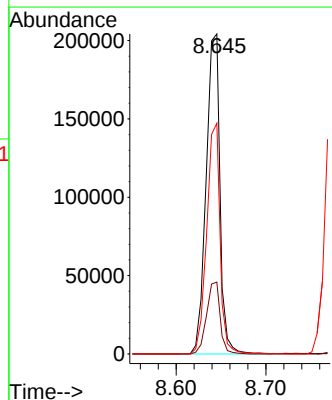
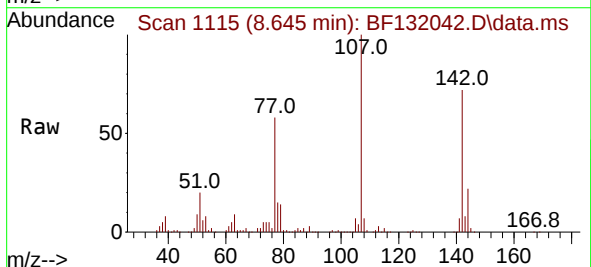
Instrument :
 BNA_F
 ClientSampleId :
 PB150088BSD

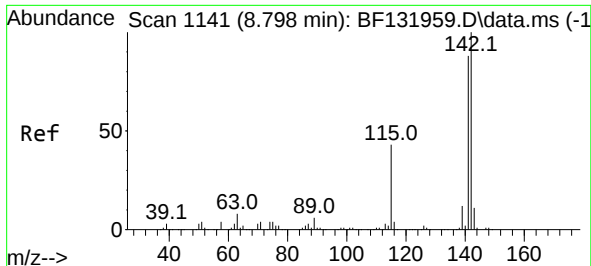
Tgt Ion:113 Resp: 32727
 Ion Ratio Lower Upper
 113 100
 55 172.3 154.4 194.4
 56 143.4 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.300 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

Tgt Ion:107 Resp: 219090
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.4 26.2
 142 72.1 53.7 80.5

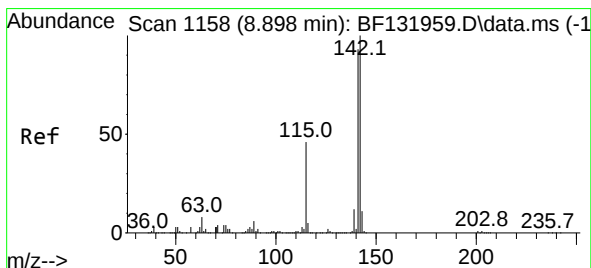
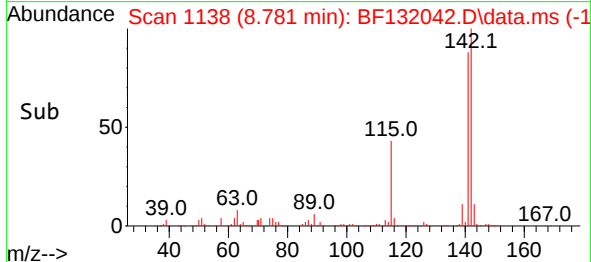
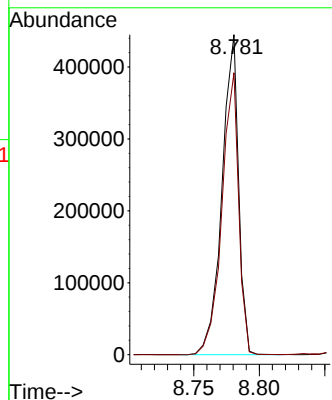
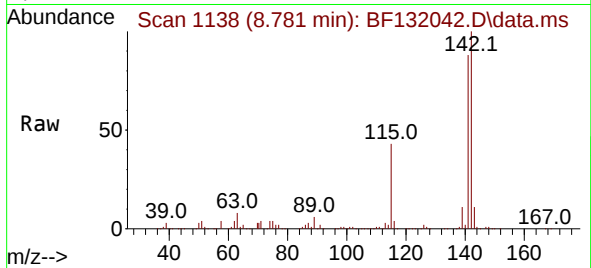




#37
2-Methylnaphthalene
Concen: 39.331 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

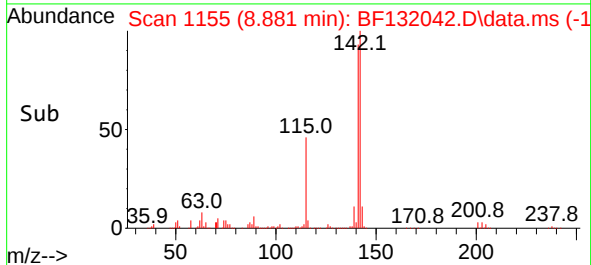
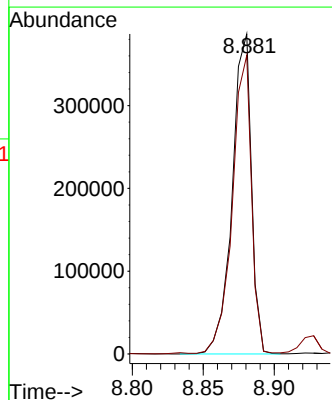
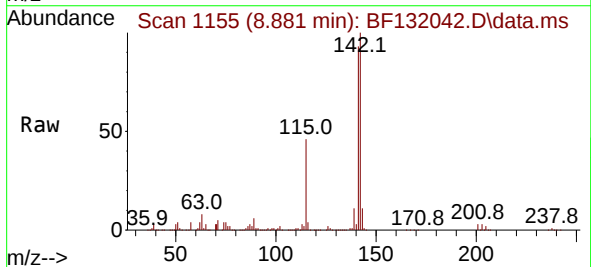
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

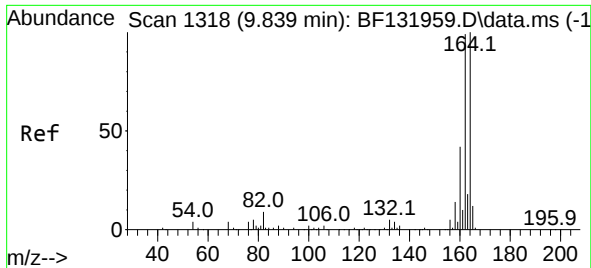
Tgt Ion:142 Resp: 390011
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0



#38
1-Methylnaphthalene
Concen: 39.703 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:142 Resp: 364755
Ion Ratio Lower Upper
142 100
141 93.3 74.3 111.5

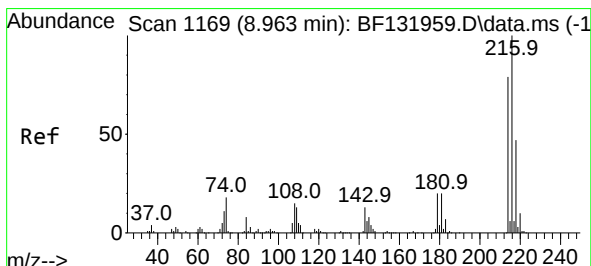
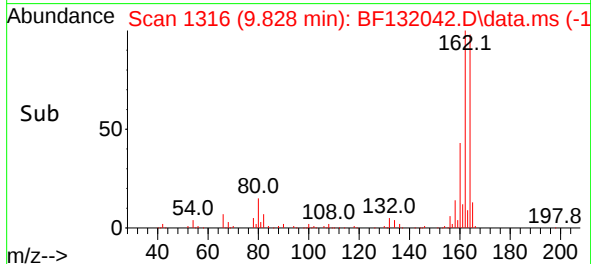
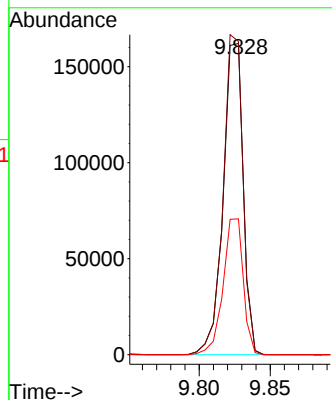
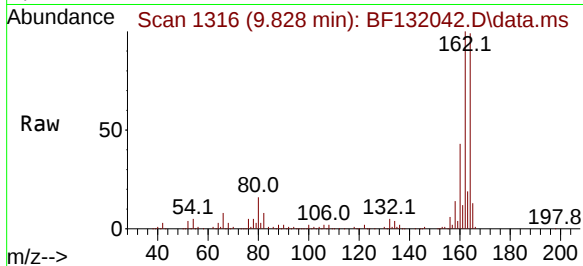




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

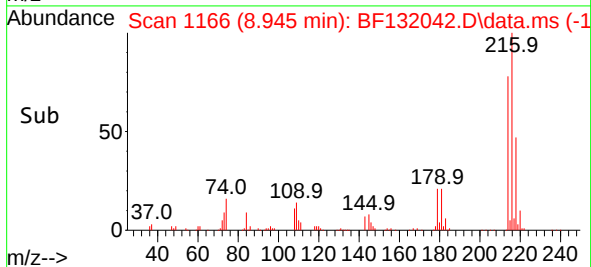
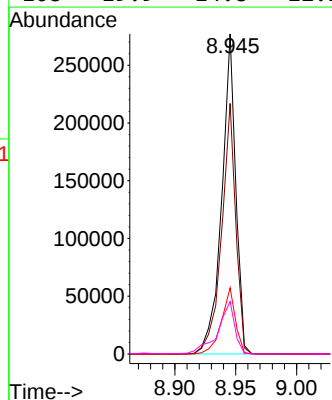
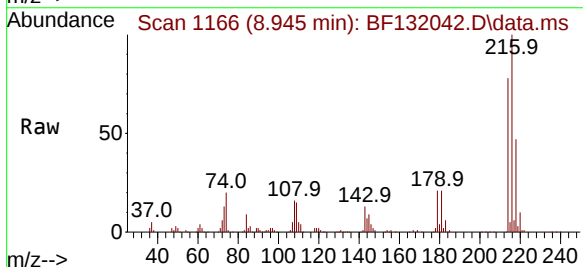
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

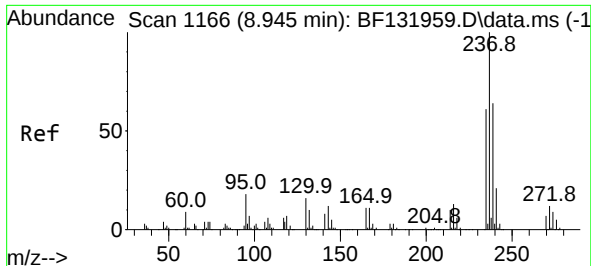
Tgt Ion:164 Resp: 159603
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 43.6 33.9 50.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.623 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:216 Resp: 222844
Ion Ratio Lower Upper
216 100
214 78.7 63.9 95.9
179 20.6 16.4 24.6
108 19.9 14.8 22.2

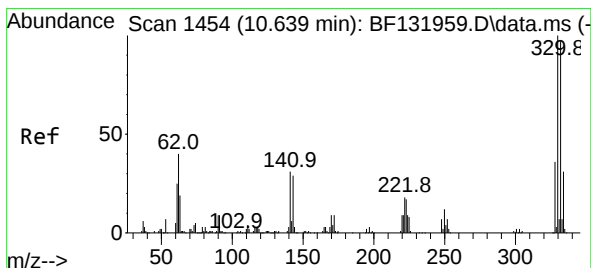
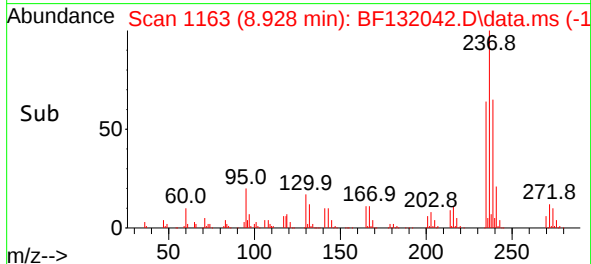
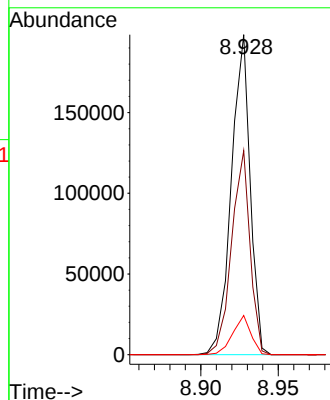
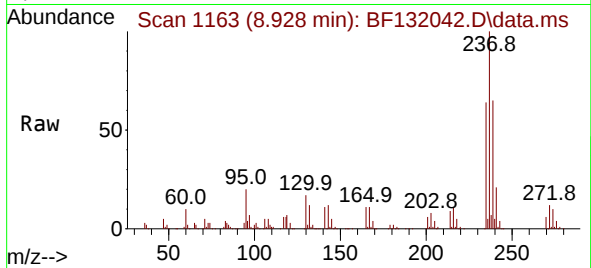




#41
Hexachlorocyclopentadiene
Concen: 61.896 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

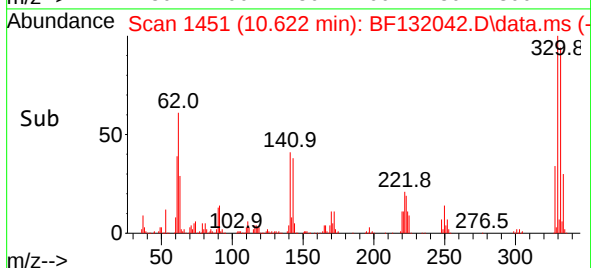
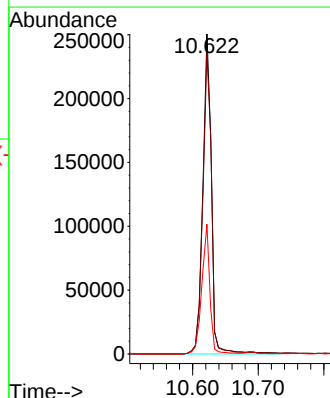
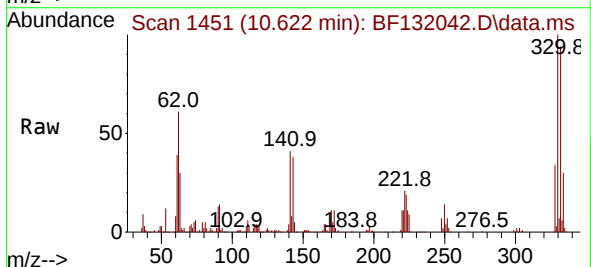
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

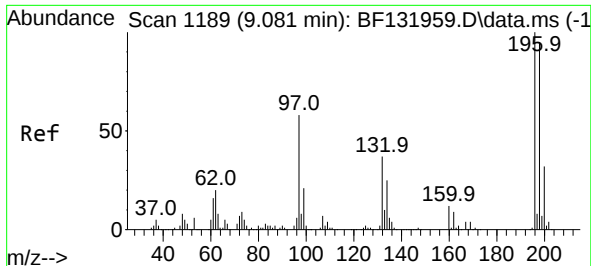
Tgt Ion:237 Resp: 167409
Ion Ratio Lower Upper
237 100
235 63.7 41.2 81.2
272 12.2 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 124.818 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:330 Resp: 229051
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 38.3 31.3 46.9





#43

2,4,6-Trichlorophenol

Concen: 40.456 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

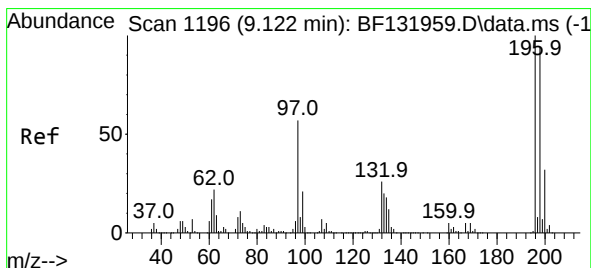
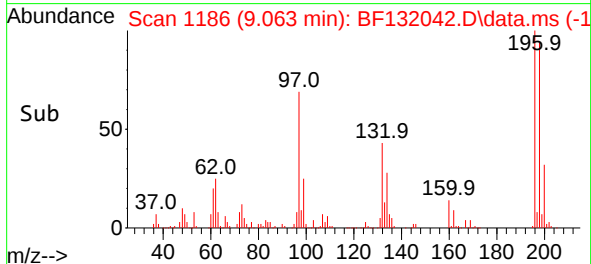
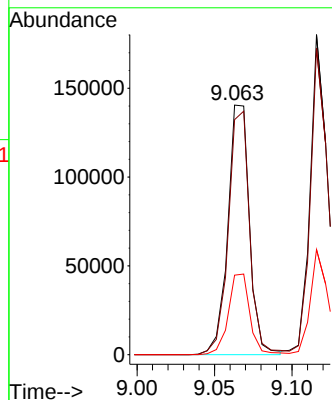
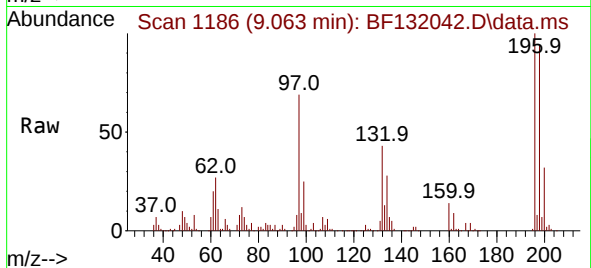
Tgt Ion:196 Resp: 136952

Ion Ratio Lower Upper

196 100

198 94.1 76.3 114.5

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 37.291 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Tgt Ion:196 Resp: 146967

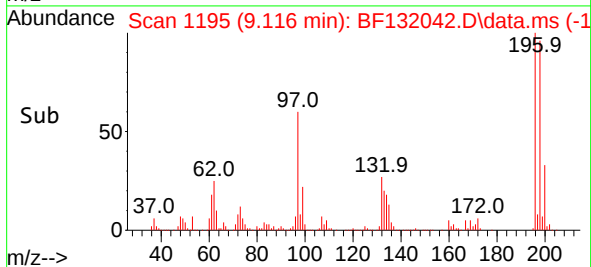
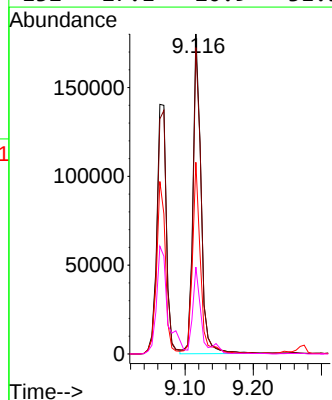
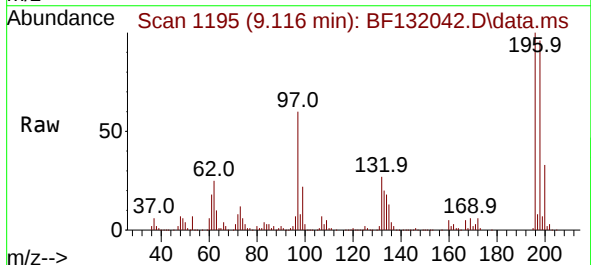
Ion Ratio Lower Upper

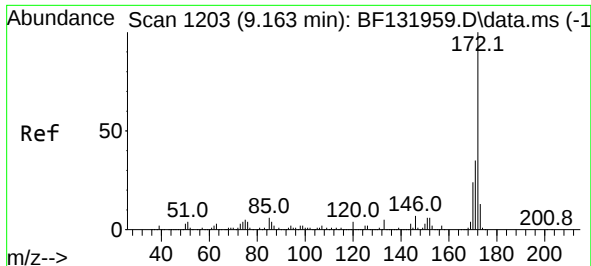
196 100

198 95.8 75.3 112.9

97 59.9 45.6 68.4

132 27.1 20.9 31.3

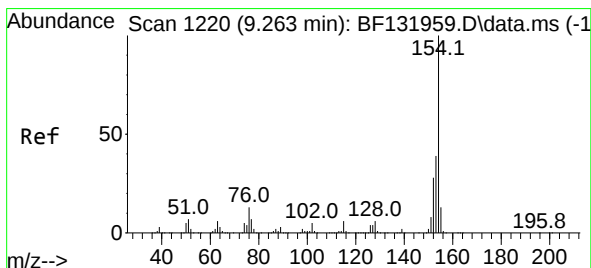
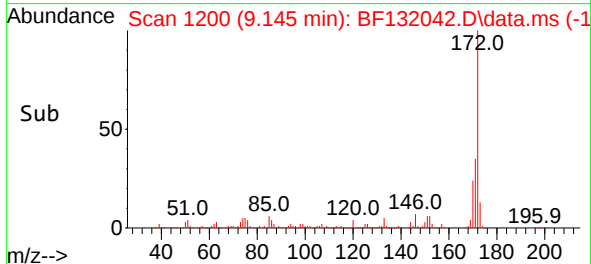
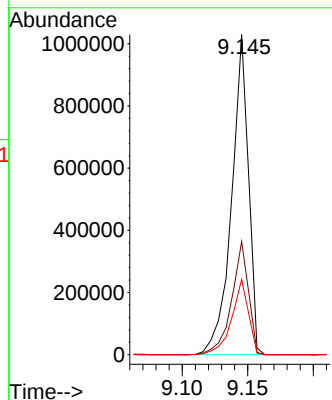
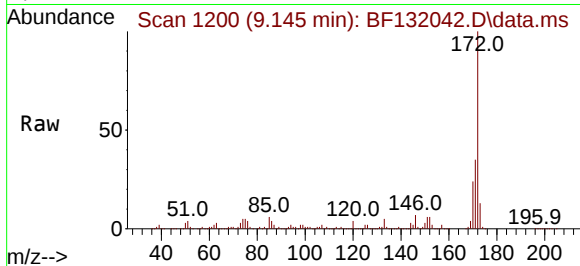




#45
2-Fluorobiphenyl
Concen: 77.935 ng
RT: 9.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

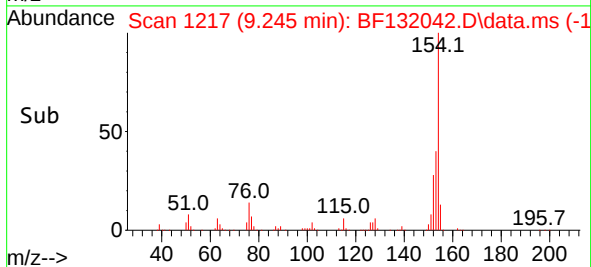
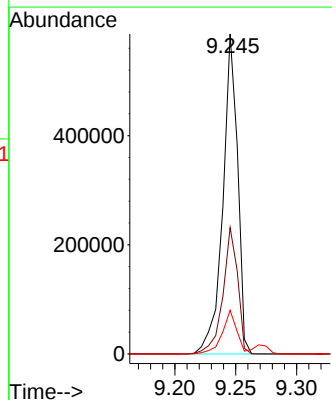
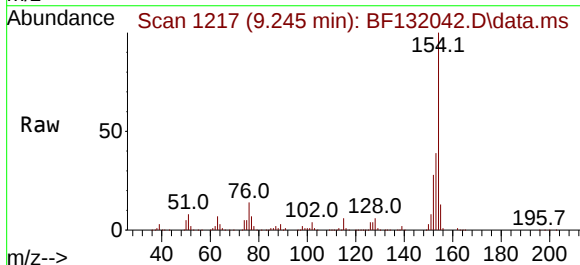
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

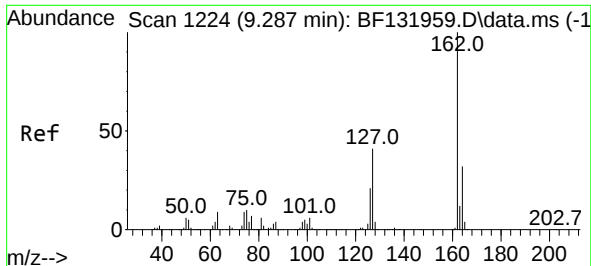
Tgt Ion:172 Resp: 921405
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.246 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:154 Resp: 495782
Ion Ratio Lower Upper
154 100
153 39.5 18.9 58.9
76 13.6 0.0 33.2

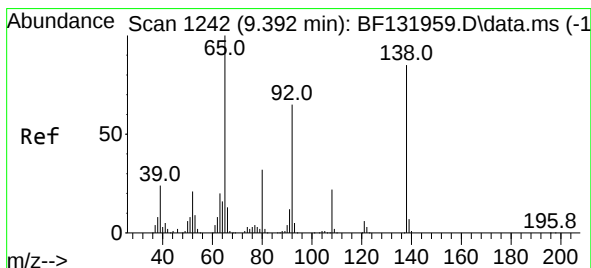
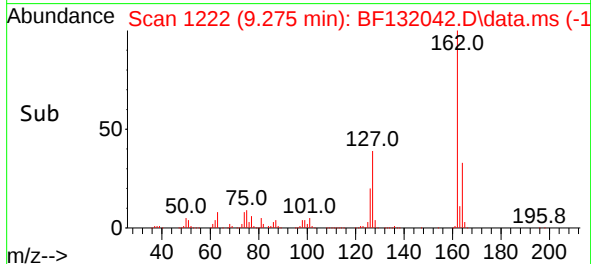
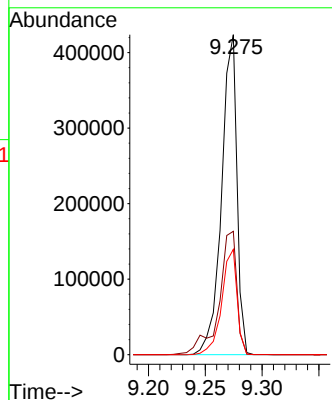
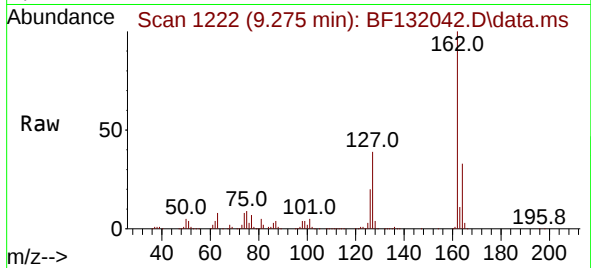




#47
2-Chloronaphthalene
Concen: 41.826 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

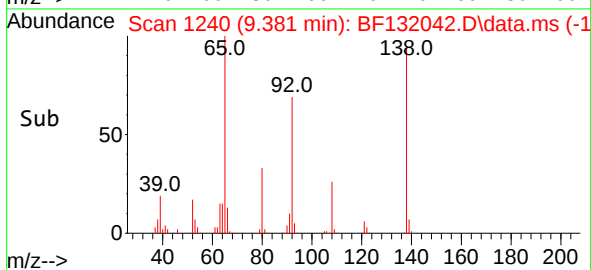
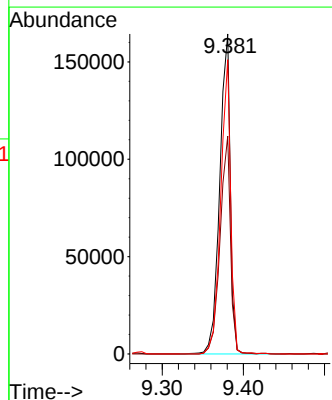
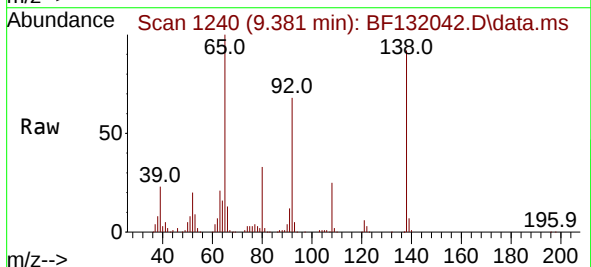
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

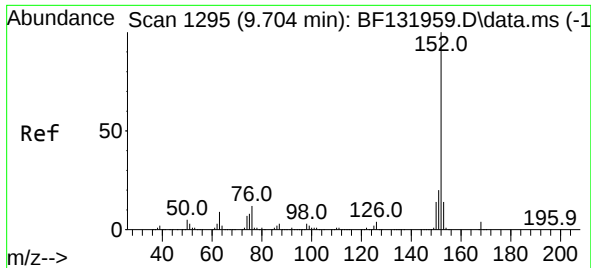
Tgt Ion:162 Resp: 399908
Ion Ratio Lower Upper
162 100
127 38.5 33.0 49.4
164 32.9 25.8 38.8



#48
2-Nitroaniline
Concen: 42.884 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion: 65 Resp: 148926
Ion Ratio Lower Upper
65 100
92 68.1 52.2 78.2
138 91.9 67.8 101.8

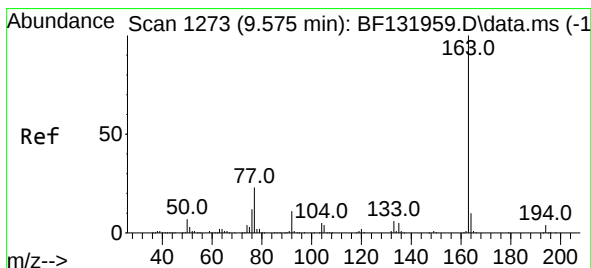
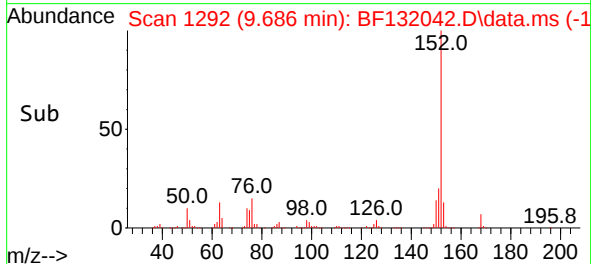
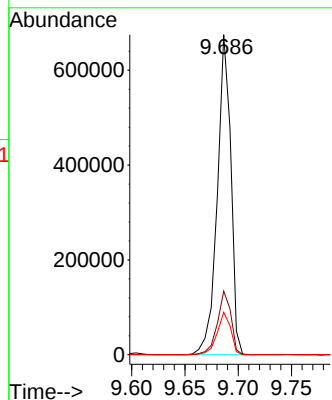
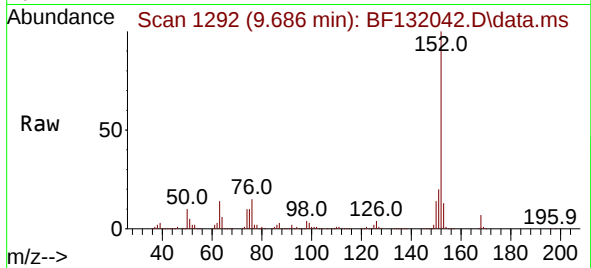




#49
Acenaphthylene
Concen: 40.259 ng
RT: 9.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

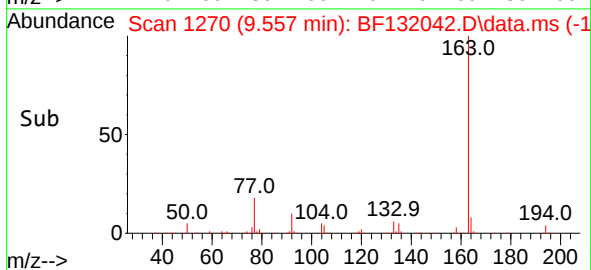
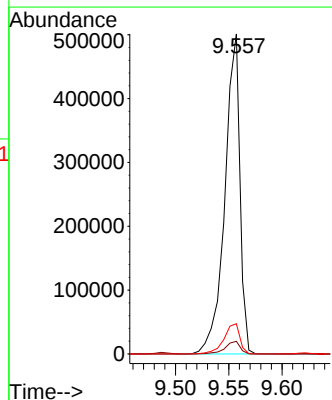
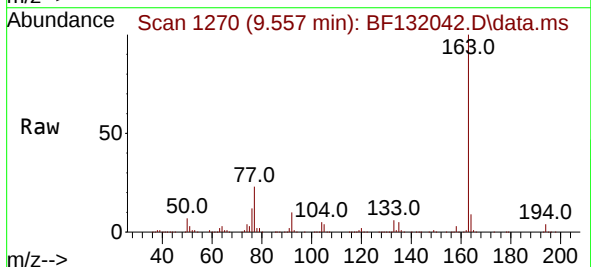
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

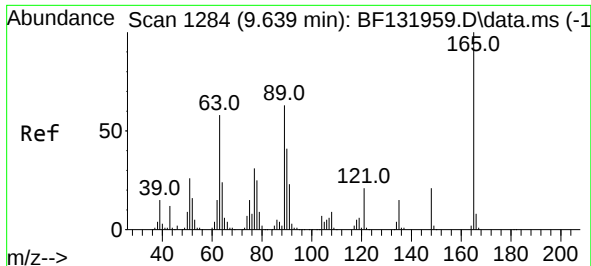
Tgt Ion:152 Resp: 597321
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 39.455 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:163 Resp: 490852
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.5 7.8 11.6

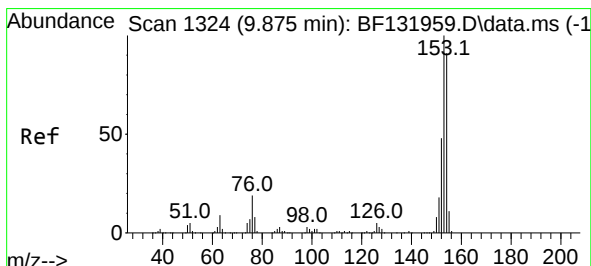
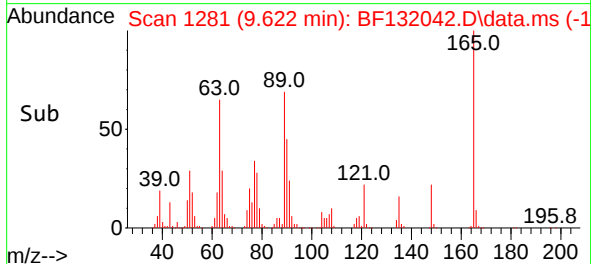
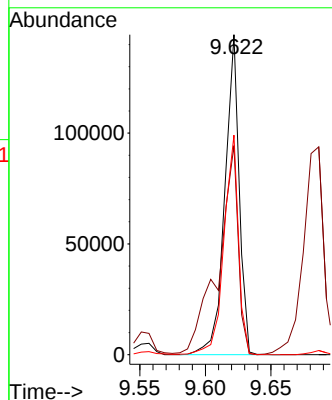
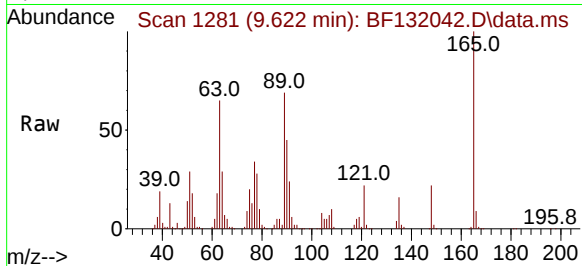




#51
2,6-Dinitrotoluene
Concen: 41.826 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

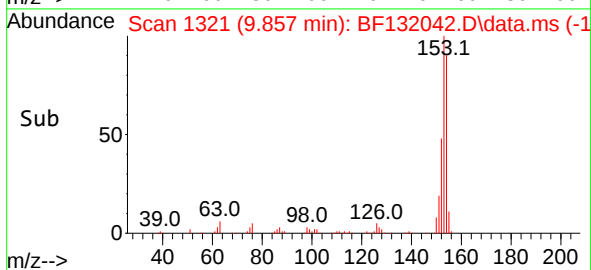
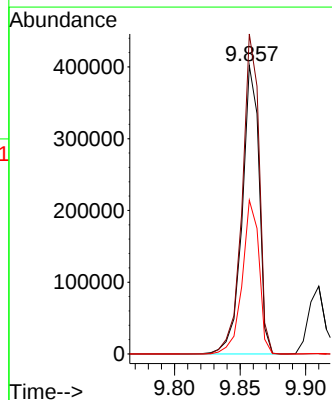
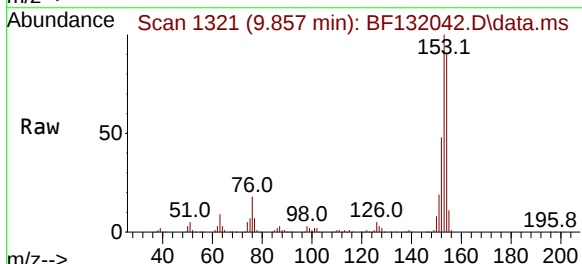
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

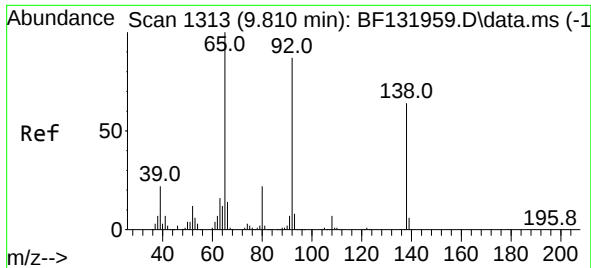
Tgt Ion:165 Resp: 109441
Ion Ratio Lower Upper
165 100
63 65.3 47.4 71.0
89 68.6 50.2 75.2



#52
Acenaphthene
Concen: 40.641 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:154 Resp: 361950
Ion Ratio Lower Upper
154 100
153 111.0 87.7 131.5
152 53.3 42.2 63.2

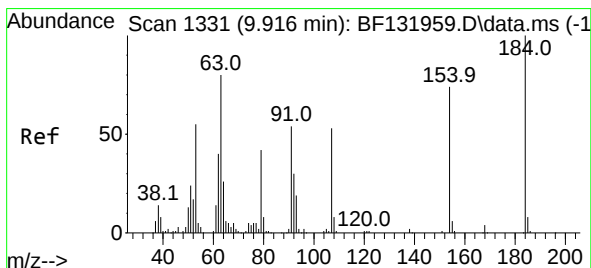
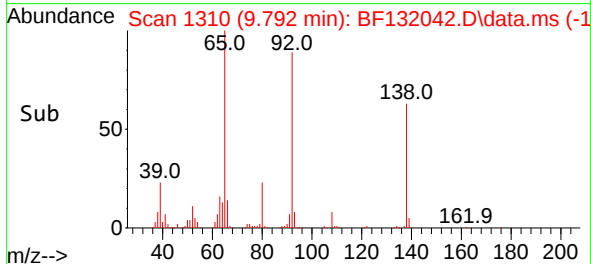
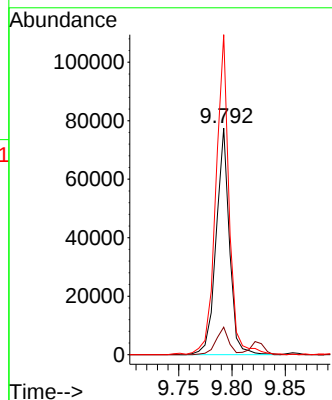
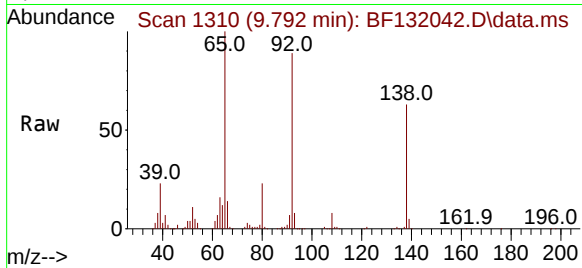




#53
3-Nitroaniline
Concen: 26.351 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

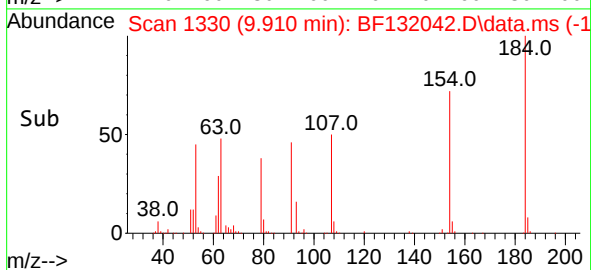
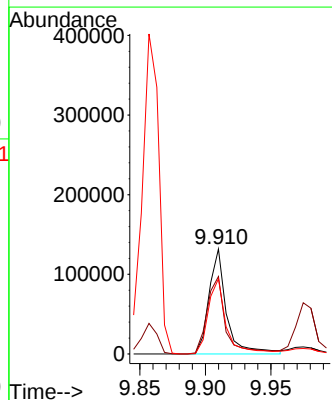
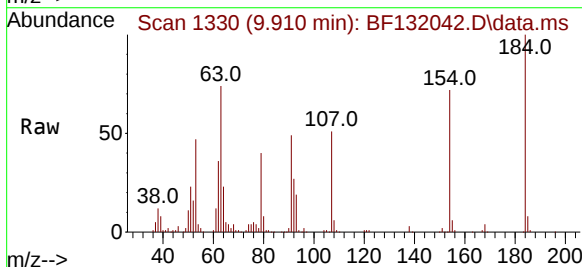
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

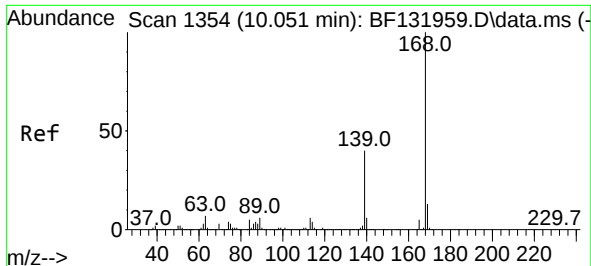
Tgt Ion:138 Resp: 66894
Ion Ratio Lower Upper
138 100
108 12.2 8.8 13.2
92 141.3 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 93.465 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:184 Resp: 122792
Ion Ratio Lower Upper
184 100
63 73.8 63.7 95.5
154 71.6 60.1 90.1

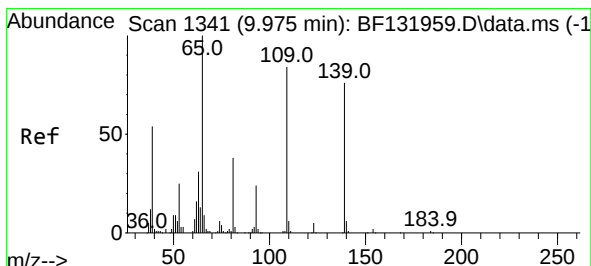
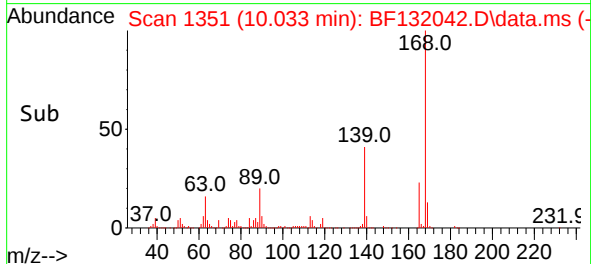
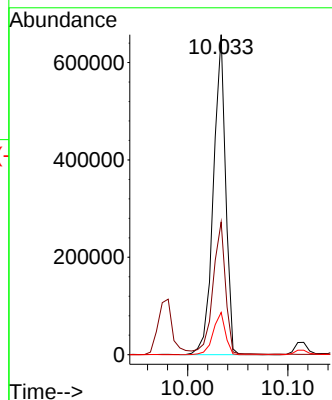
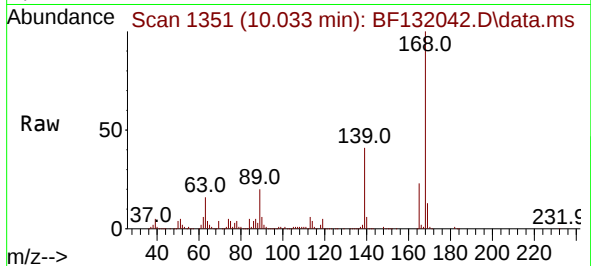




#55
Dibenzenofuran
Concen: 39.680 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

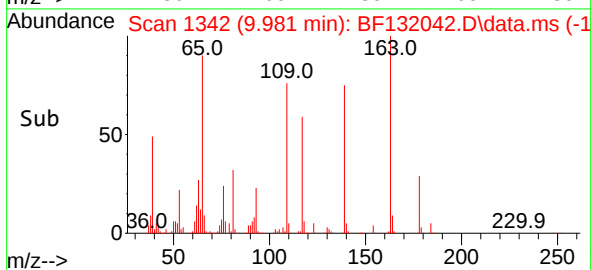
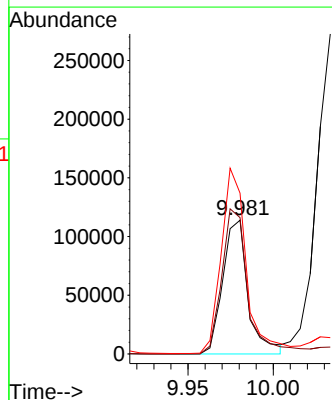
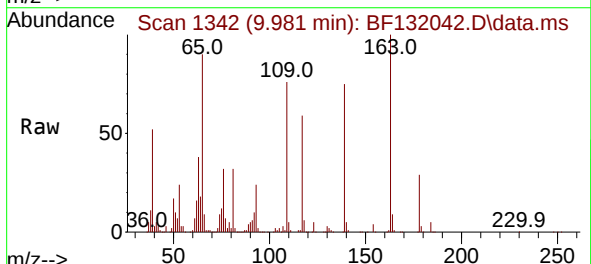
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

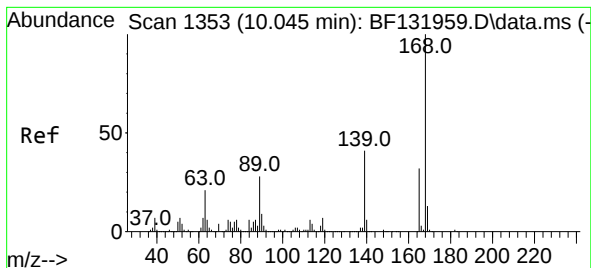
Tgt Ion:168 Resp: 557050
Ion Ratio Lower Upper
168 100
139 41.5 32.4 48.6
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 82.154 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:139 Resp: 117471
Ion Ratio Lower Upper
139 100
109 101.9 90.5 130.5
65 120.2 112.6 152.6

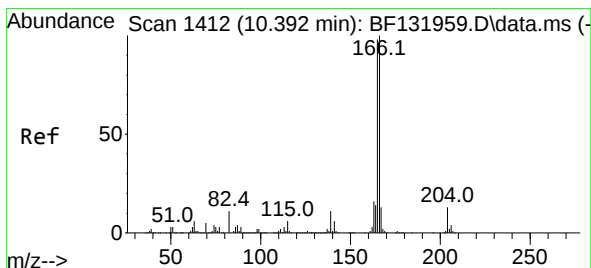
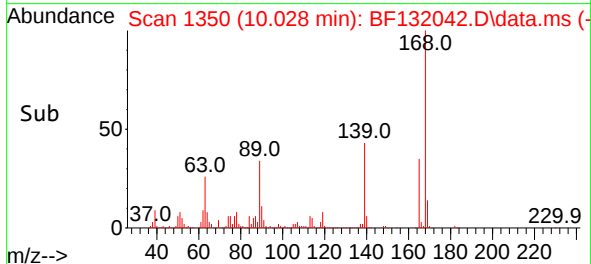
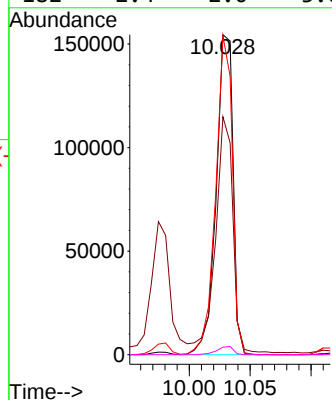
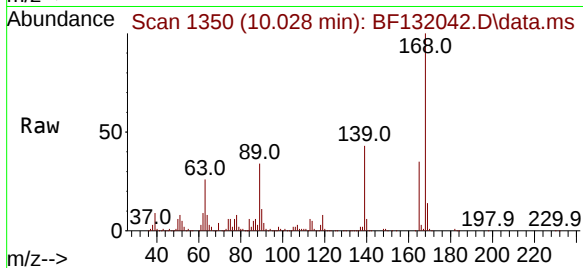




#57
2,4-Dinitrotoluene
Concen: 42.650 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

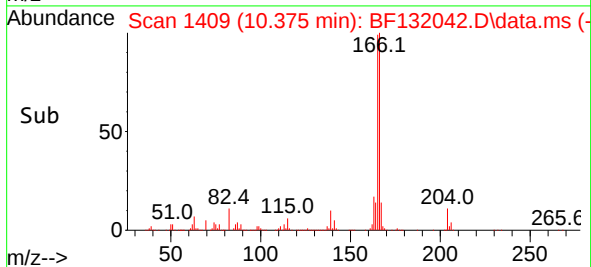
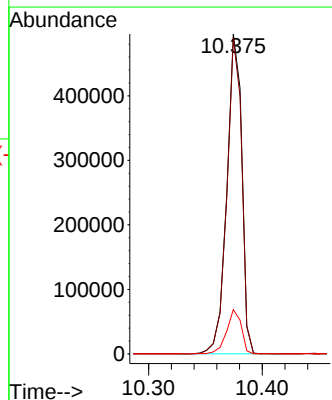
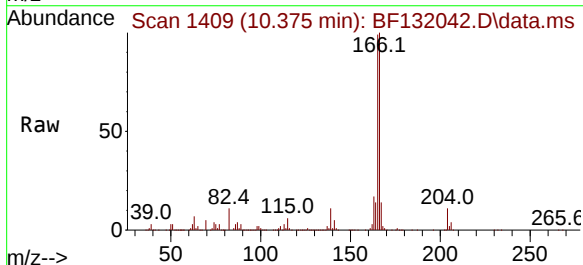
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

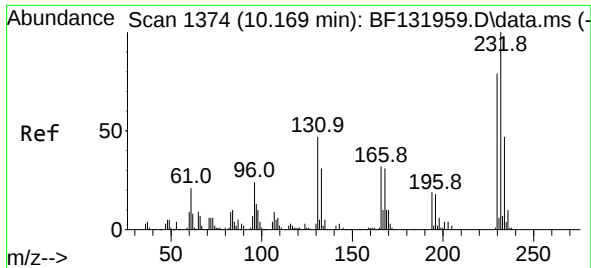
Tgt Ion:165 Resp: 149203
Ion Ratio Lower Upper
165 100
63 74.3 53.2 79.8
89 99.6 71.2 106.8
182 2.4 2.0 3.0



#58
Fluorene
Concen: 40.438 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:166 Resp: 453489
Ion Ratio Lower Upper
166 100
165 98.7 78.3 117.5
167 13.9 10.7 16.1

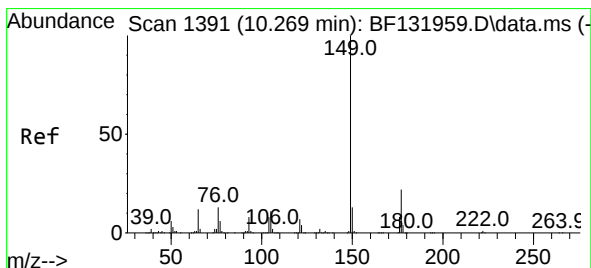
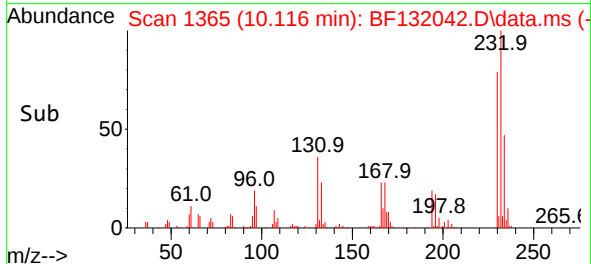
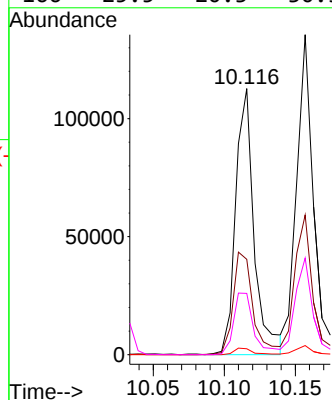
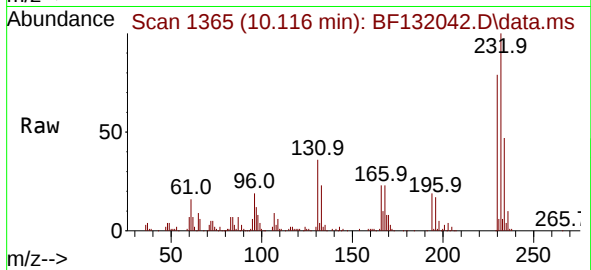




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.927 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

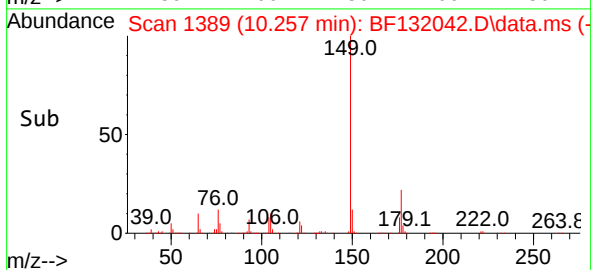
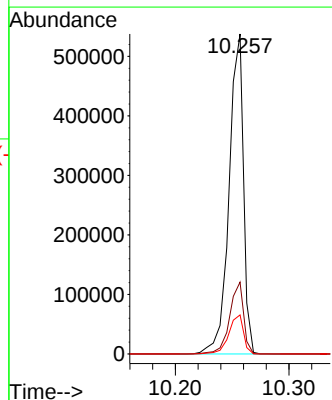
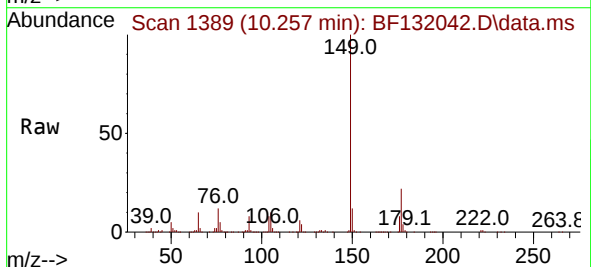
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

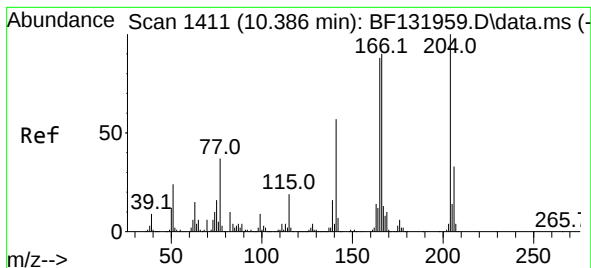
Tgt Ion:232 Resp: 102567
Ion Ratio Lower Upper
232 100
131 41.9 33.0 49.4
130 2.6 1.8 2.8
166 25.5 20.3 30.5



#60
Diethylphthalate
Concen: 38.725 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:149 Resp: 473734
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.2 10.2 15.2

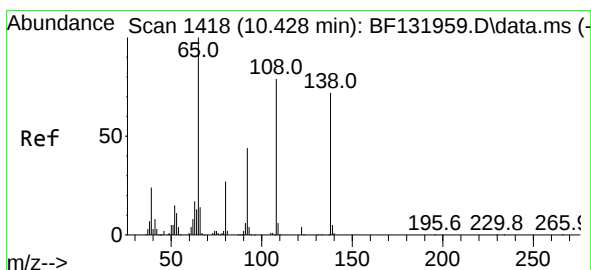
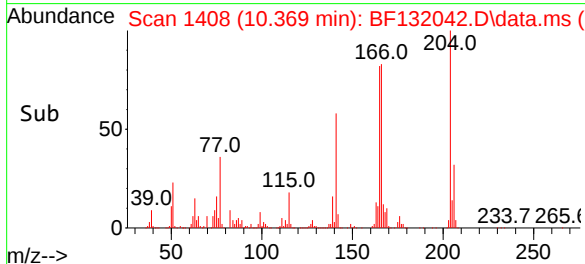
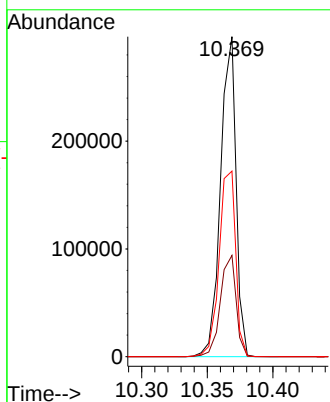
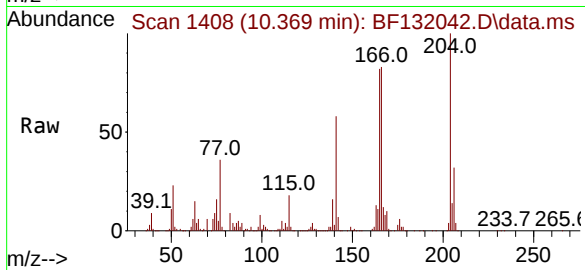




#61
4-Chlorophenyl-phenylether
Concen: 37.871 ng
RT: 10.369 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

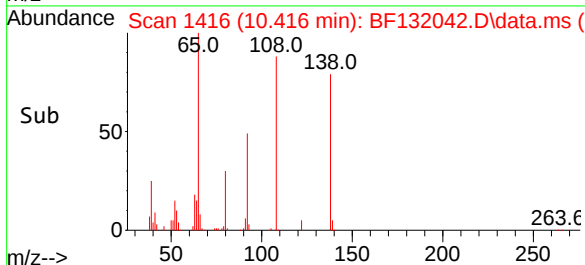
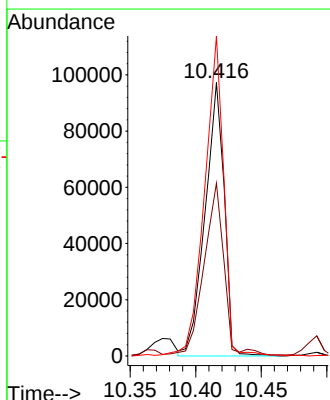
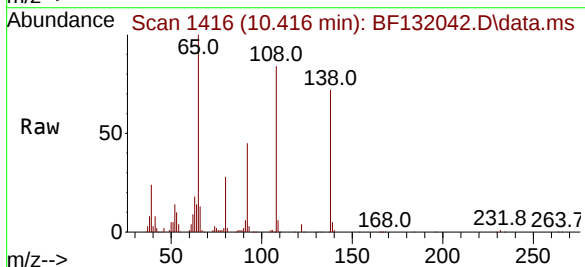
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

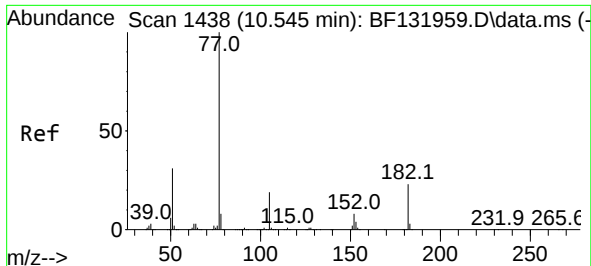
Tgt Ion:204 Resp: 243125
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 58.0 45.6 68.4



#62
4-Nitroaniline
Concen: 43.280 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:138 Resp: 98793
Ion Ratio Lower Upper
138 100
92 63.2 41.3 81.3
108 117.1 89.8 129.8

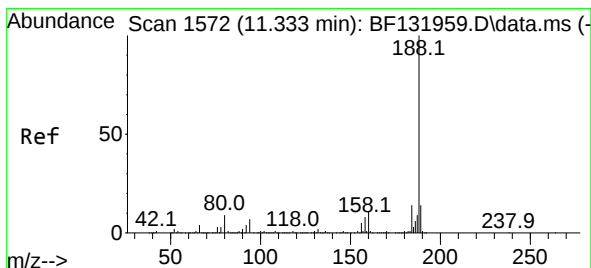
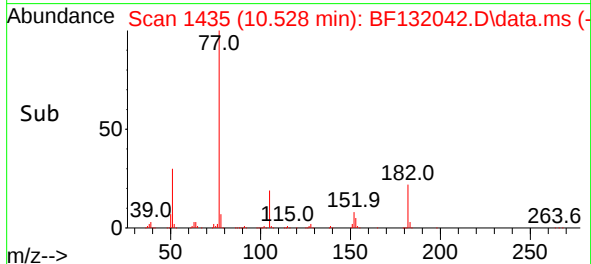
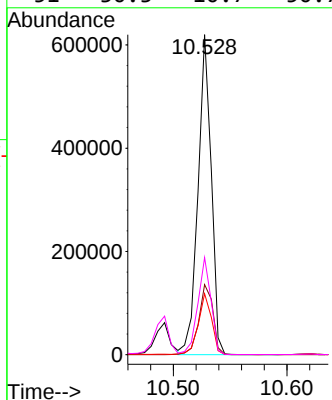
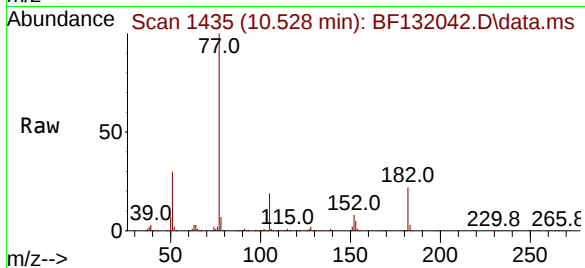




#63
Azobenzene
Concen: 38.610 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

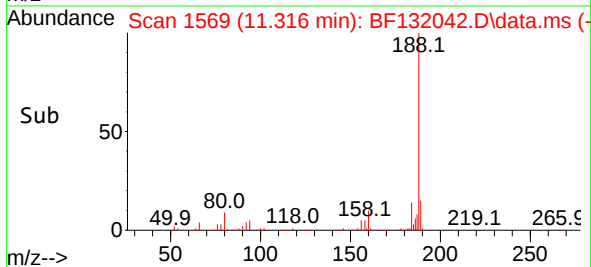
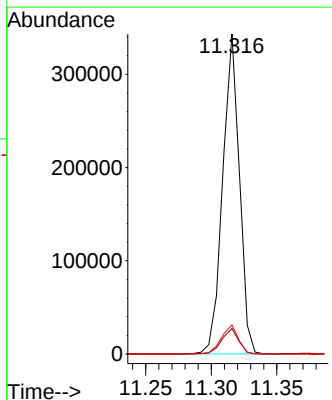
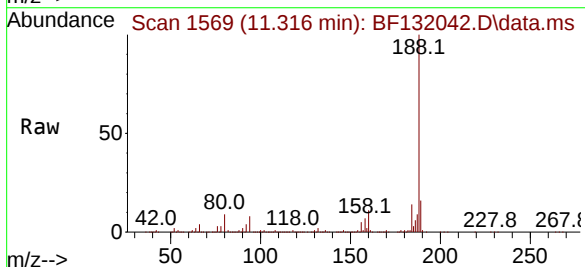
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

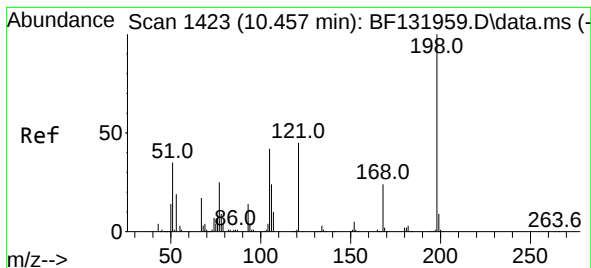
Tgt Ion: 77	Resp: 501046
Ion Ratio	Lower Upper
77 100	
182 21.9	2.9 42.9
105 19.1	0.0 39.3
51 30.3	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:188	Resp: 303746		
Ion Ratio	Lower	Upper	
188 100			
94 8.0	5.8	8.6	
80 9.1	7.4	11.0	

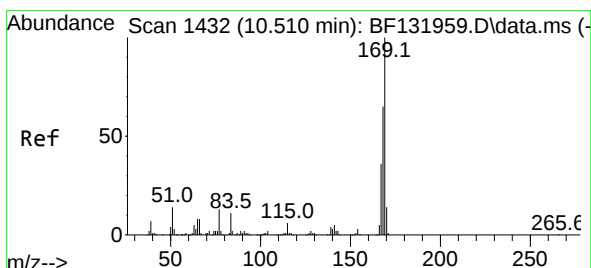
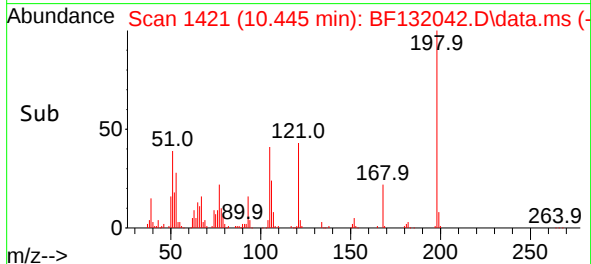
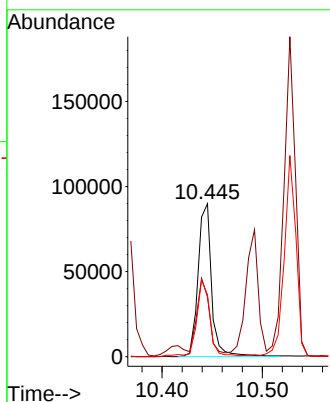
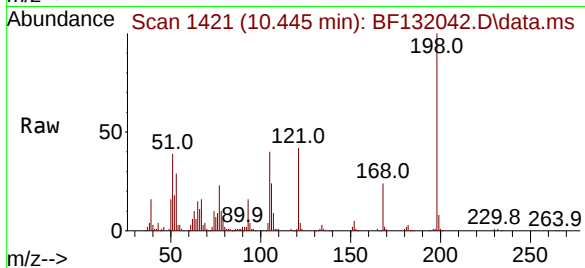




#65
4,6-Dinitro-2-methylphenol
Concen: 43.337 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

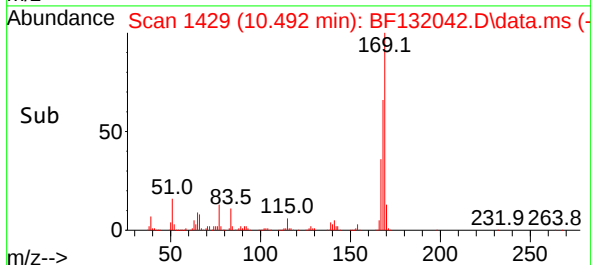
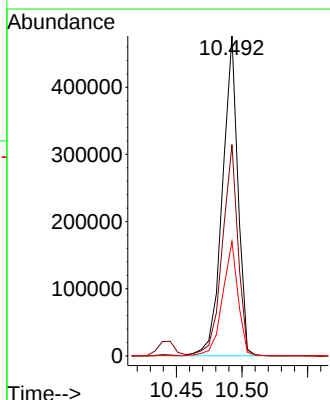
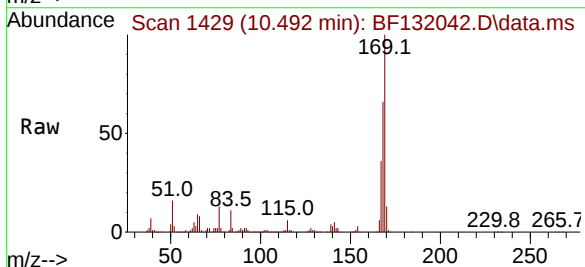
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

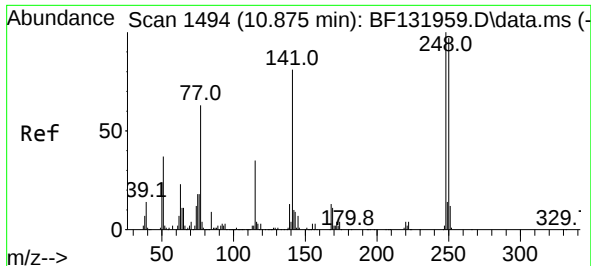
Tgt Ion:198 Resp: 84889
Ion Ratio Lower Upper
198 100
51 39.0 21.4 61.4
105 40.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.921 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:169 Resp: 389961
Ion Ratio Lower Upper
169 100
168 66.0 52.5 78.7
167 35.7 28.6 43.0

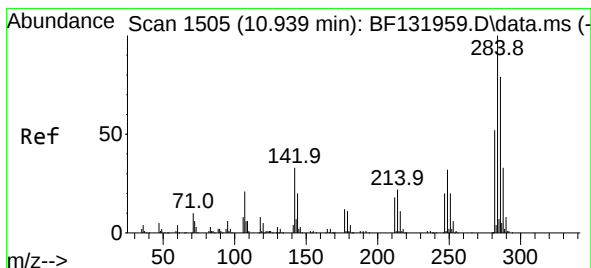
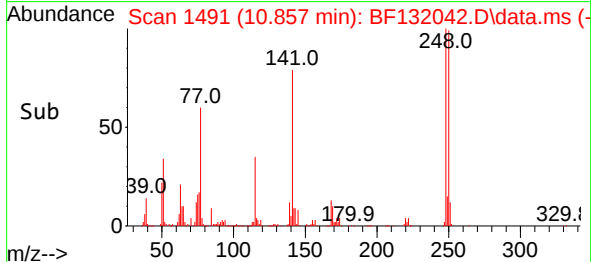
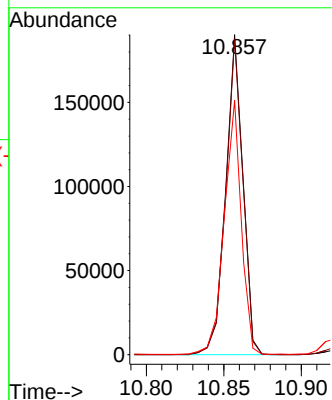
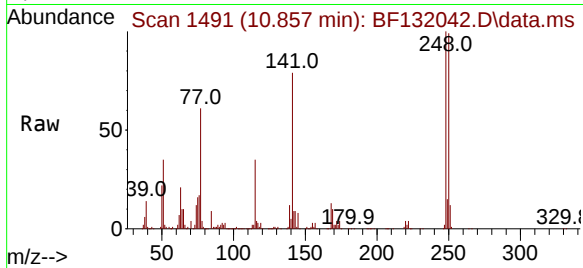




#67
4-Bromophenyl-phenylether
Concen: 38.884 ng
RT: 10.857 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

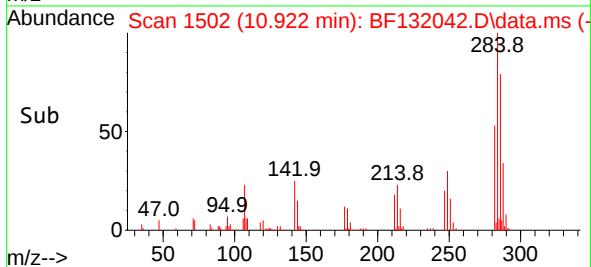
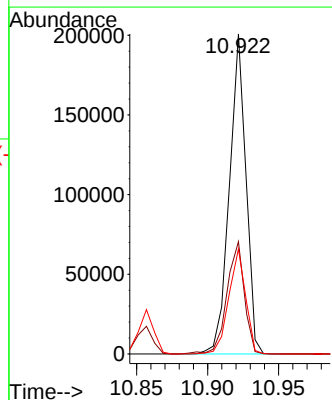
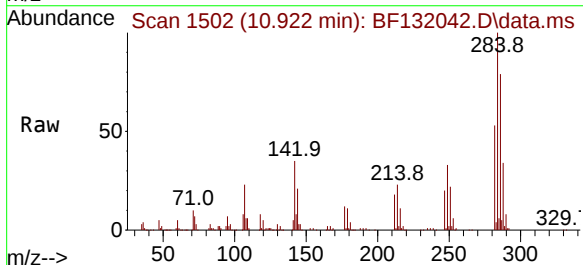
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

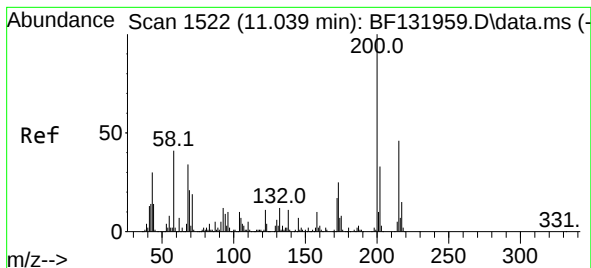
Tgt Ion:248 Resp: 147753
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 79.5 65.0 97.6



#68
Hexachlorobenzene
Concen: 42.322 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:284 Resp: 162678
Ion Ratio Lower Upper
284 100
142 35.1 26.4 39.6
249 32.8 25.4 38.2





#69

Atrazine

Concen: 29.637 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

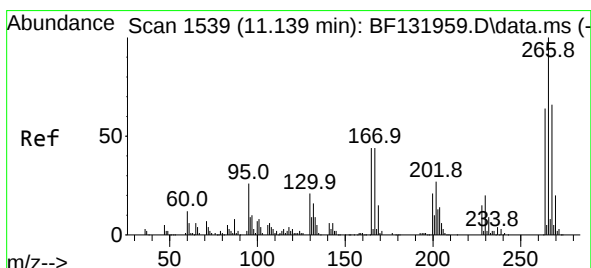
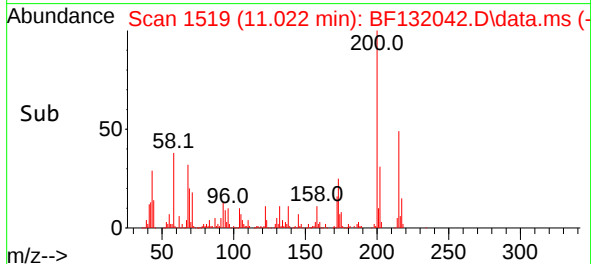
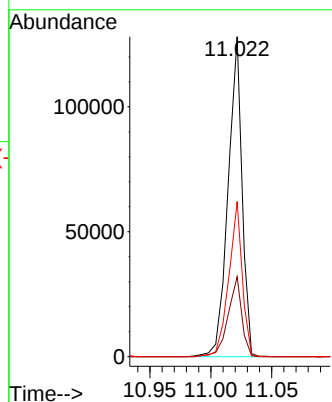
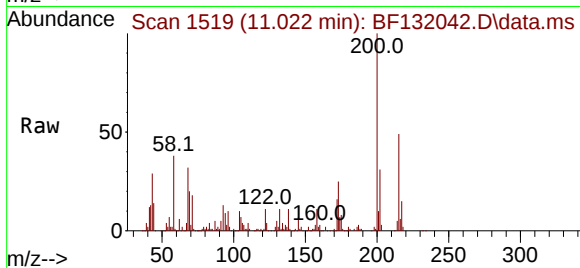
Tgt Ion:200 Resp: 102705

Ion Ratio Lower Upper

200 100

173 25.0 5.1 45.1

215 48.5 25.6 65.6



#70

Pentachlorophenol

Concen: 66.032 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

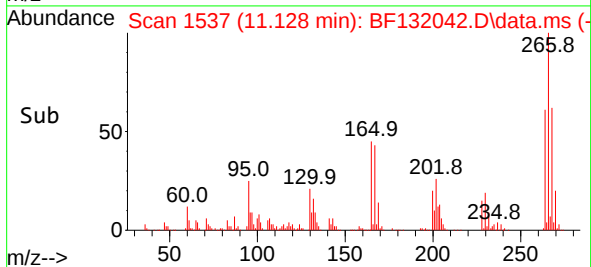
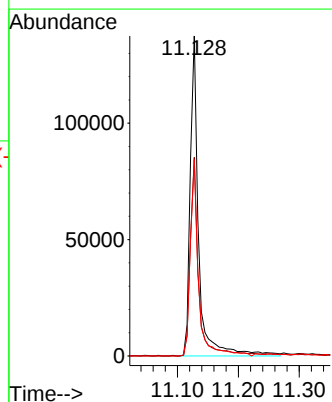
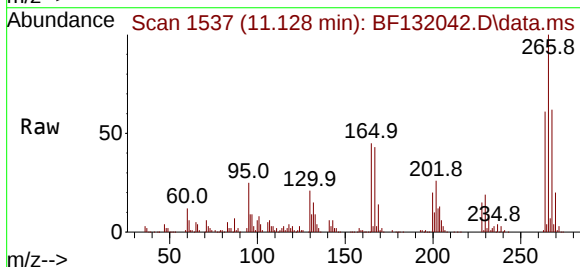
Tgt Ion:266 Resp: 133703

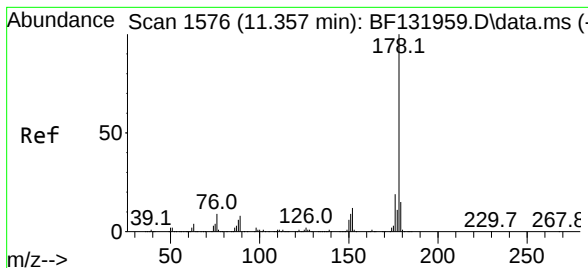
Ion Ratio Lower Upper

266 100

268 62.0 52.7 79.1

264 61.4 51.6 77.4





#71

Phenanthrene

Concen: 42.931 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

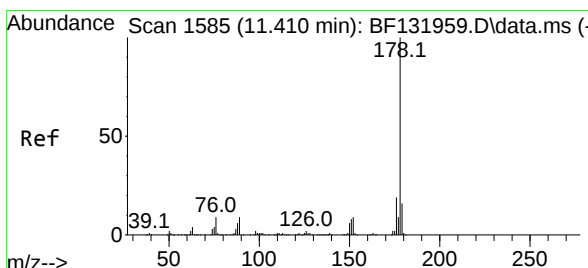
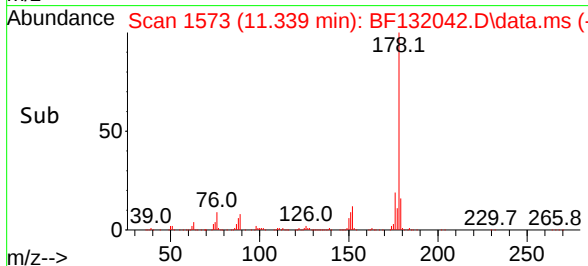
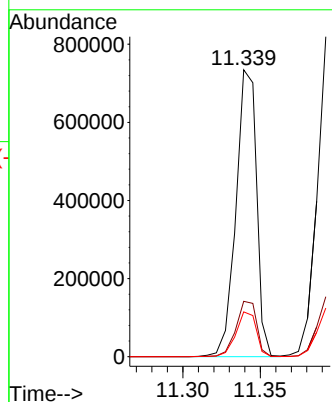
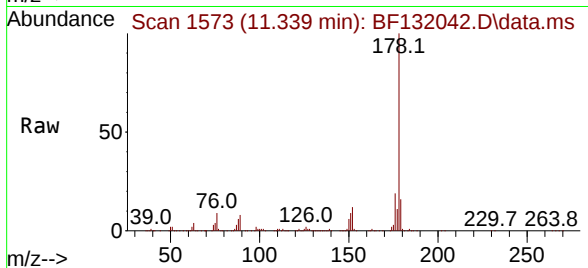
Tgt Ion:178 Resp: 679791

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 42.083 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

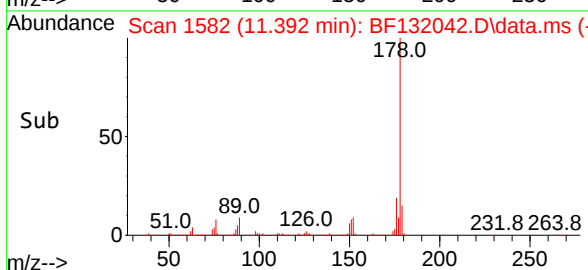
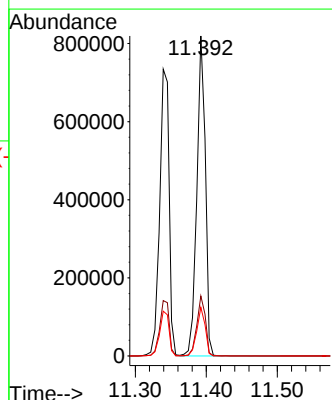
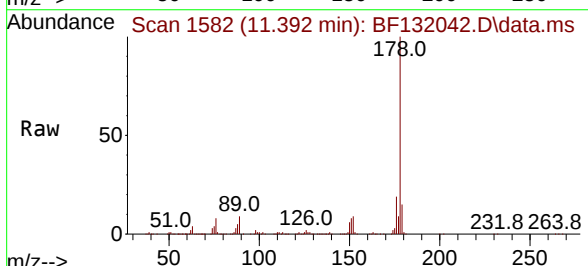
Tgt Ion:178 Resp: 685992

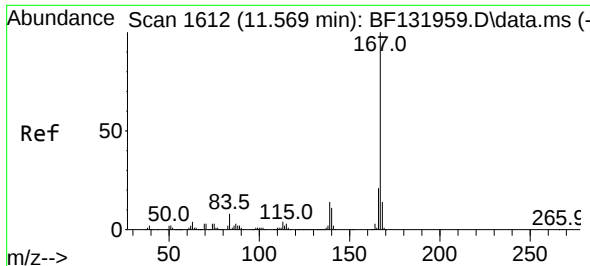
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.2 12.6 19.0

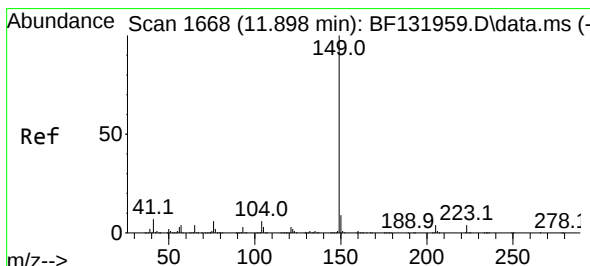
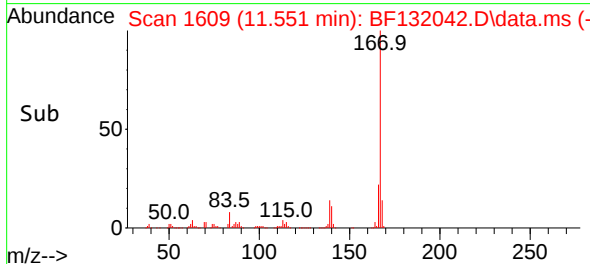
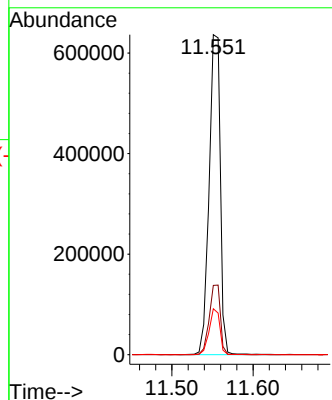
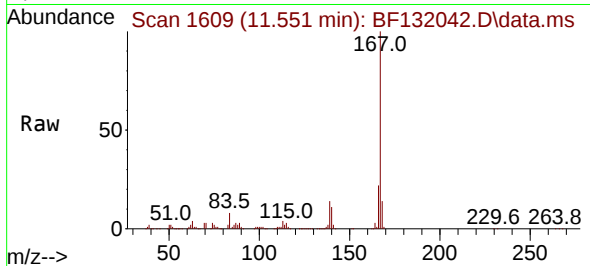




#73
Carbazole
Concen: 44.996 ng
RT: 11.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

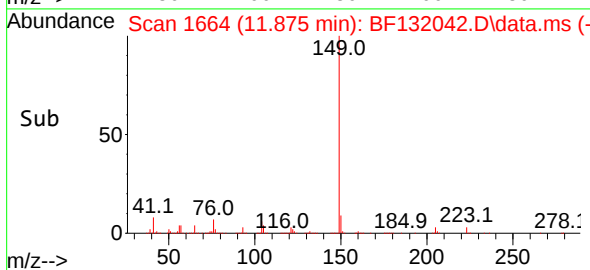
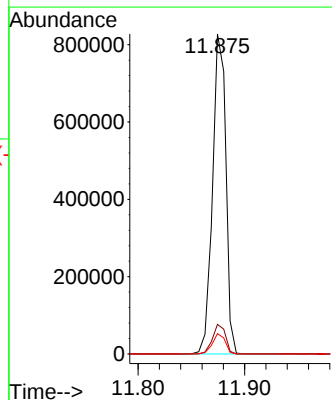
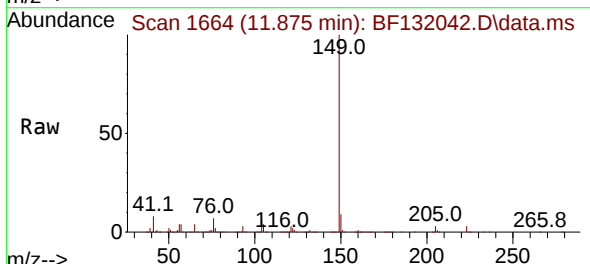
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

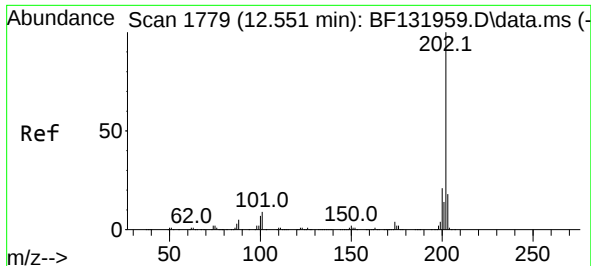
Tgt Ion:167 Resp: 607241
Ion Ratio Lower Upper
167 100
166 21.7 16.8 25.2
139 14.4 11.1 16.7



#74
Di-n-butylphthalate
Concen: 38.156 ng
RT: 11.875 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:149 Resp: 717001
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.4 5.0 7.6

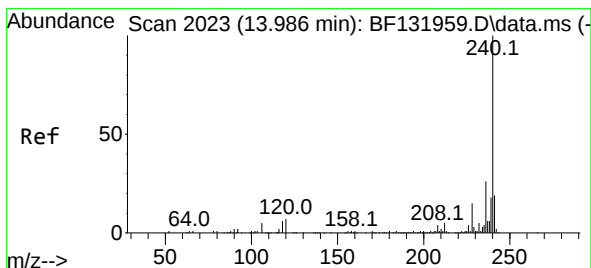
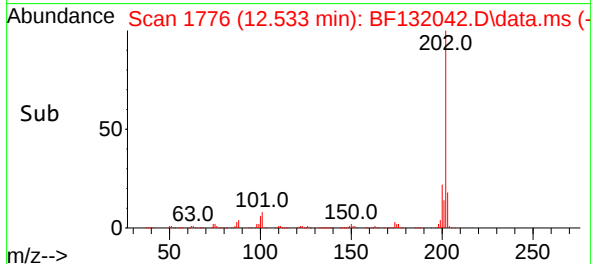
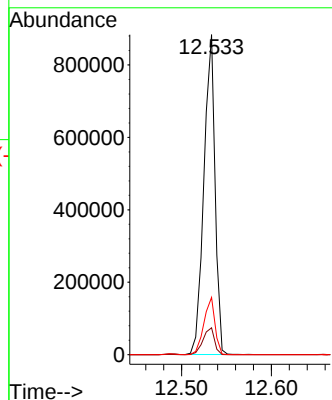
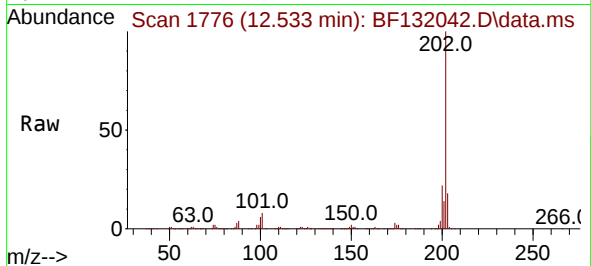




#75
Fluoranthene
Concen: 42.901 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

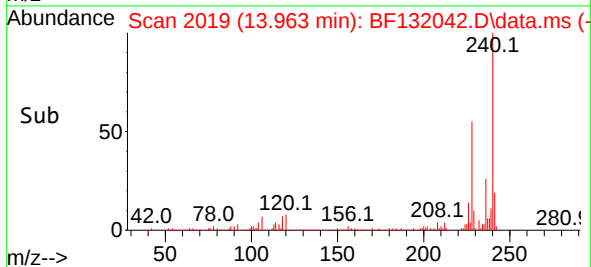
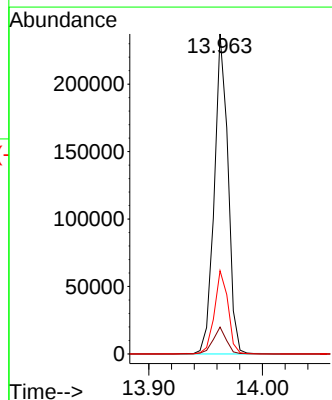
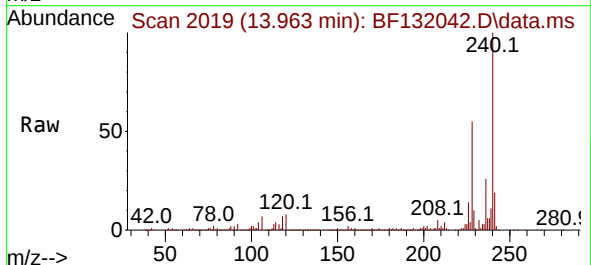
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

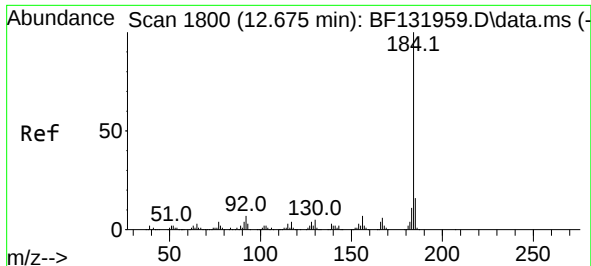
Tgt Ion:202 Resp: 763982
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.8
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:240 Resp: 199106
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 26.0 21.1 31.7

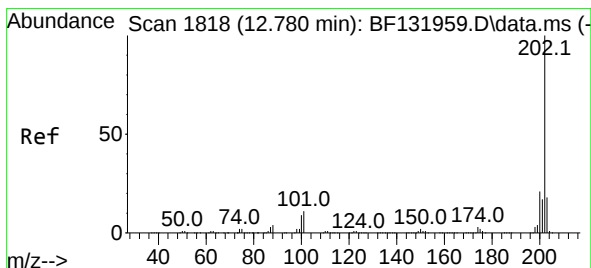
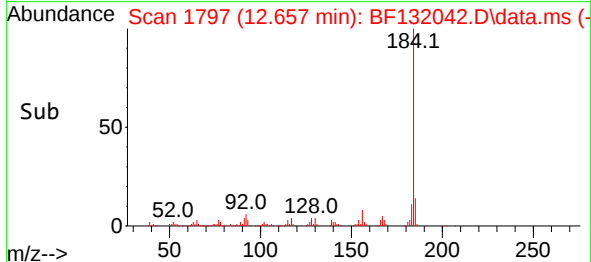
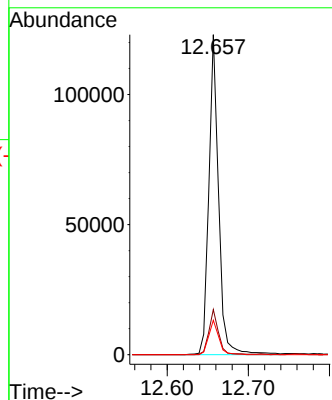
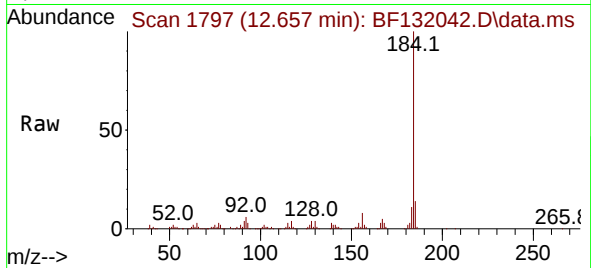




#77
Benzidine
Concen: 15.470 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

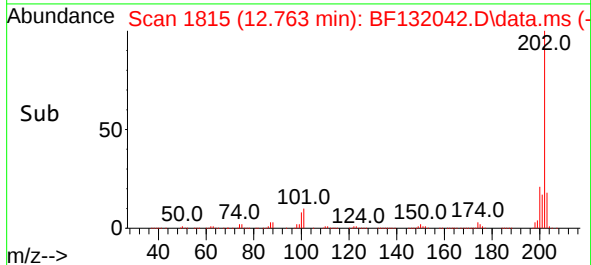
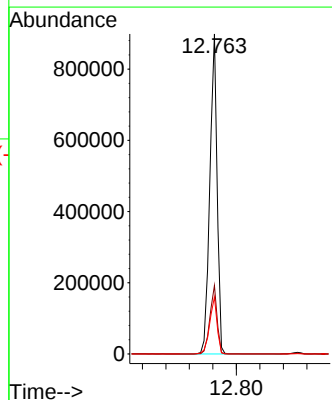
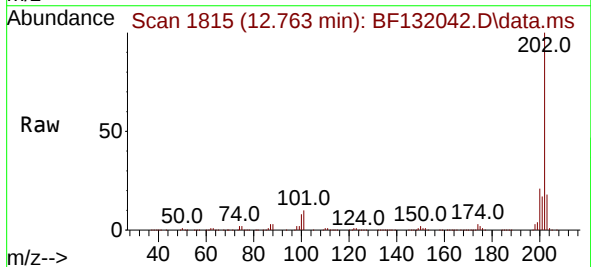
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

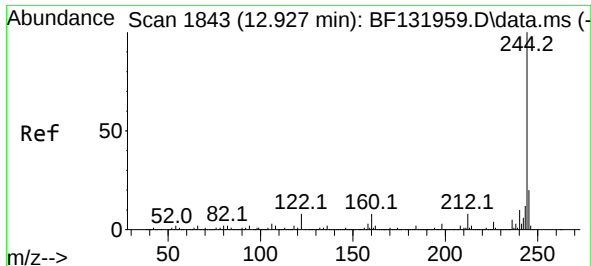
Tgt Ion:184 Resp: 102333
Ion Ratio Lower Upper
184 100
185 14.1 12.8 19.2
183 10.8 9.0 13.4



#78
Pyrene
Concen: 42.416 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:202 Resp: 770267
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.8 14.1 21.1

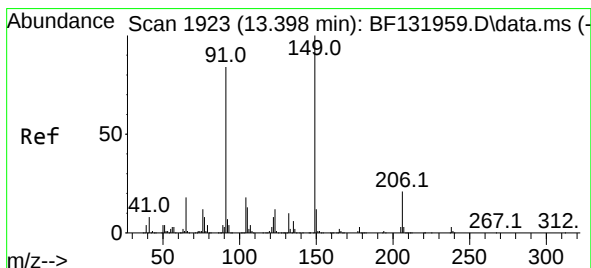
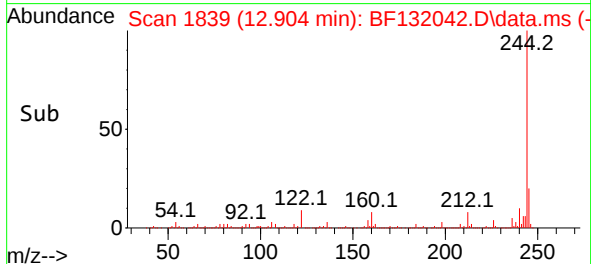
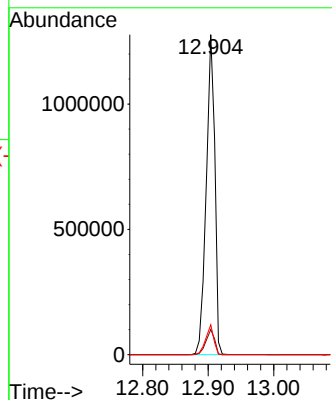
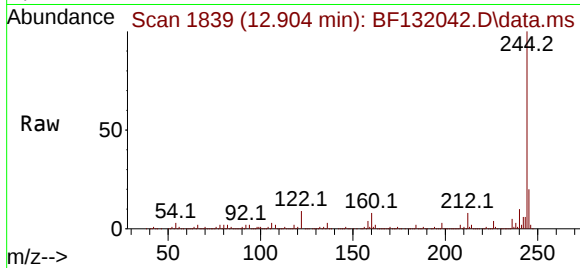




#79
 Terphenyl-d14
 Concen: 84.105 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

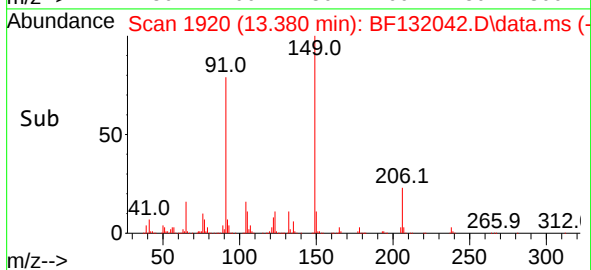
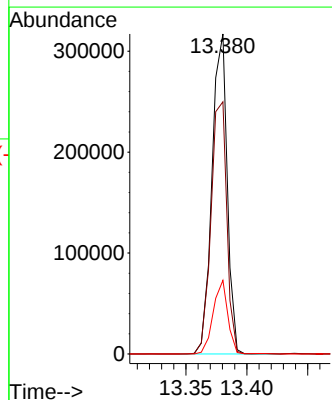
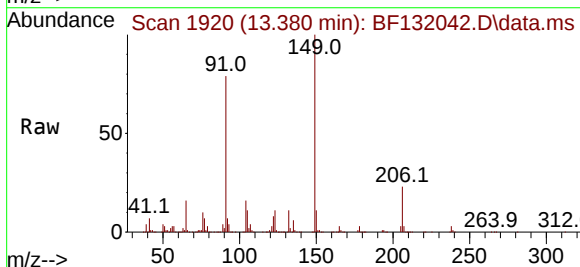
Instrument :
 BNA_F
 ClientSampleId :
 PB150088BSD

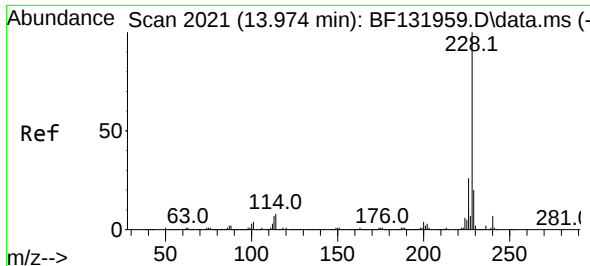
Tgt Ion:244 Resp: 1168358
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.4 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 37.632 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: BF132042.D
 Acq: 12 Jan 2023 15:28

Tgt Ion:149 Resp: 275841
 Ion Ratio Lower Upper
 149 100
 91 78.8 67.0 100.4
 206 23.0 16.9 25.3

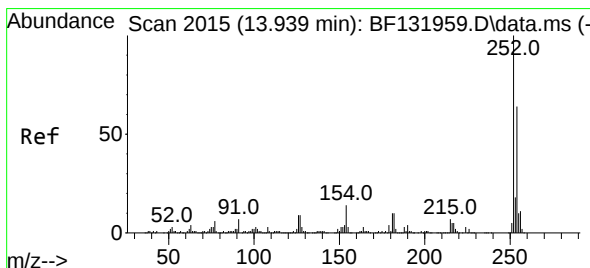
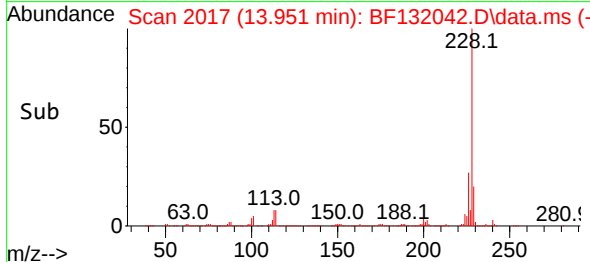
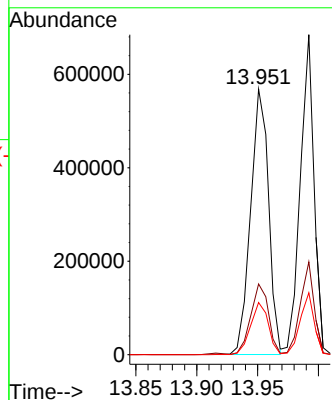
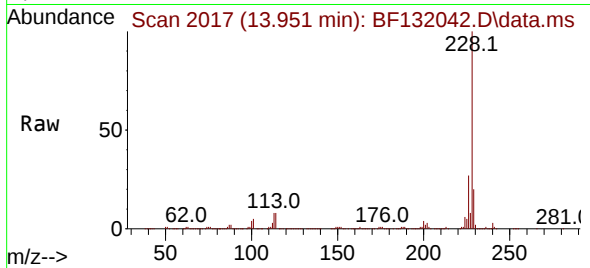




#81
Benzo(a)anthracene
Concen: 40.312 ng
RT: 13.951 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

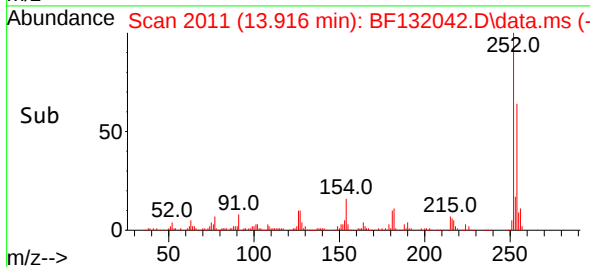
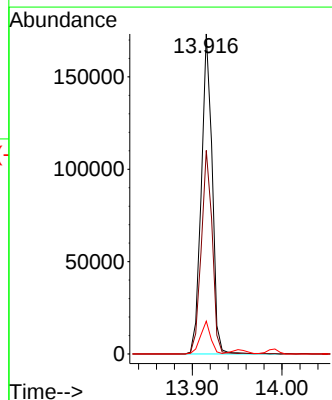
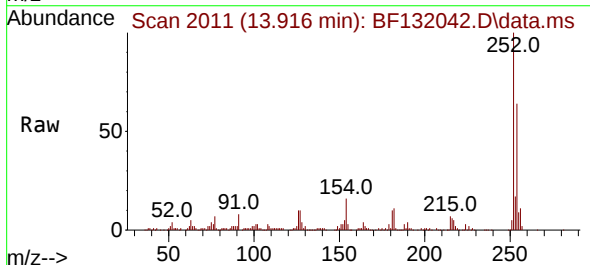
Instrument :
BNA_F
ClientSampleId :
PB150088BSD

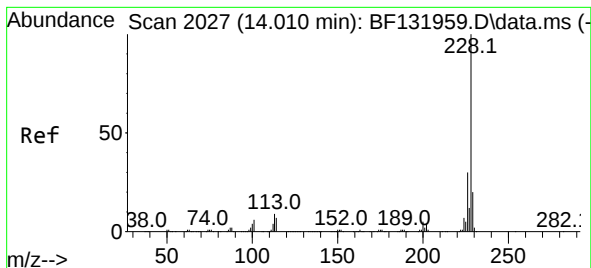
Tgt Ion:228 Resp: 583946
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.121 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:252 Resp: 145215
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 10.3 6.9 10.3





#83

Chrysene

Concen: 39.920 ng

RT: 13.992 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

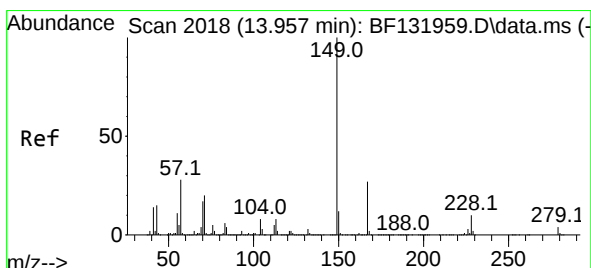
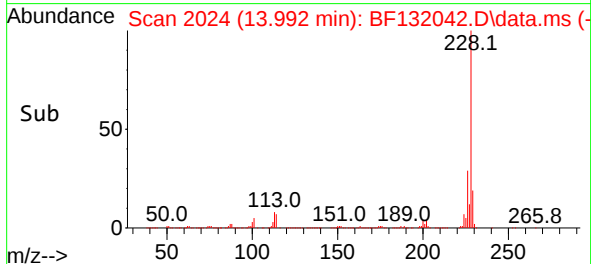
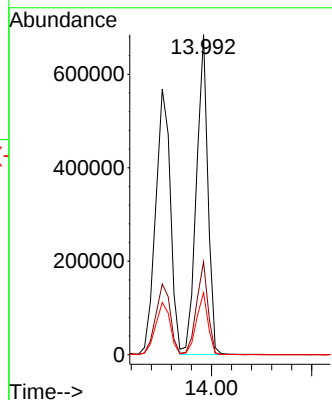
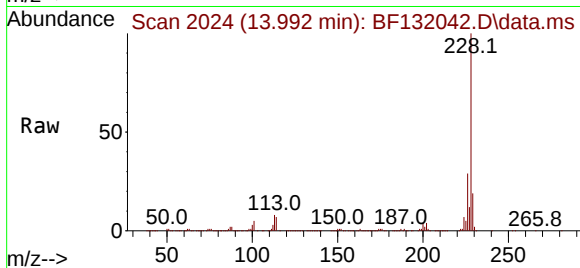
Tgt Ion:228 Resp: 540431

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

229 19.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.809 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

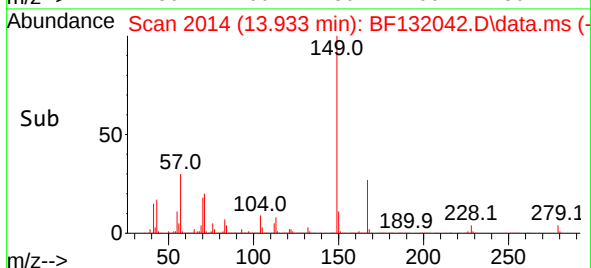
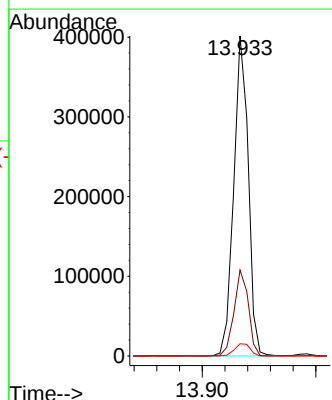
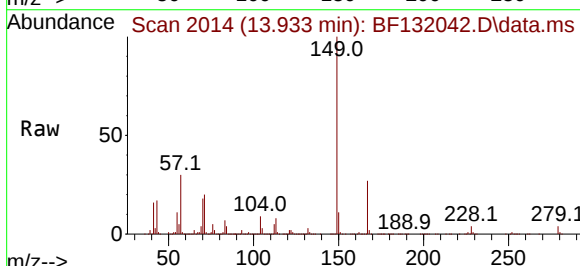
Tgt Ion:149 Resp: 355605

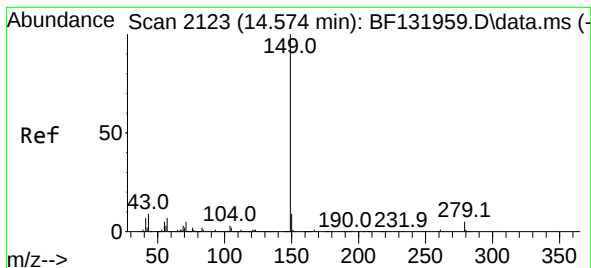
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 36.341 ng

RT: 14.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

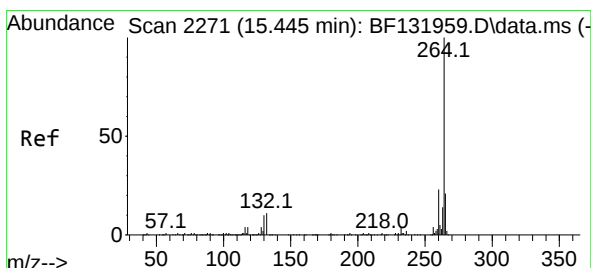
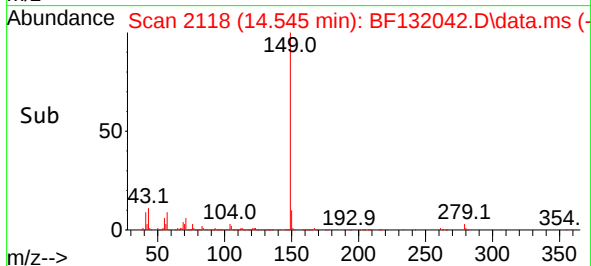
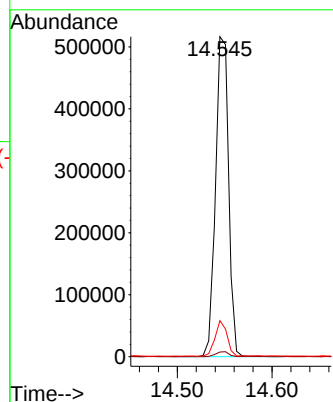
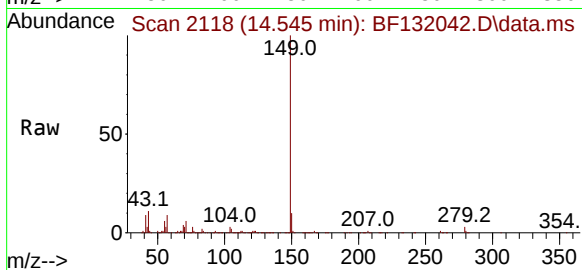
Tgt Ion:149 Resp: 493846

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.0 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

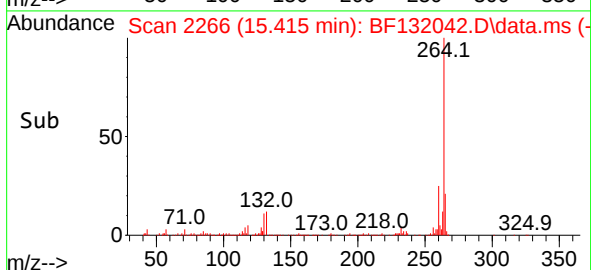
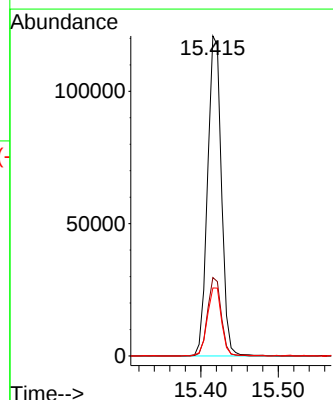
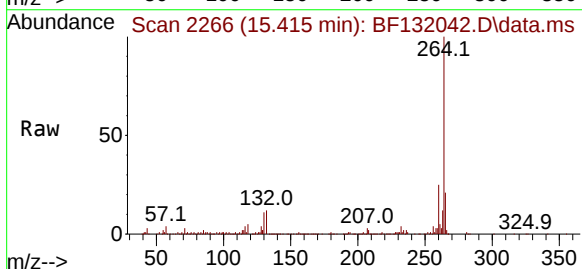
Tgt Ion:264 Resp: 149531

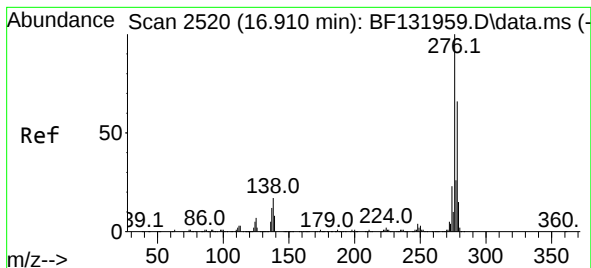
Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.389 ng

RT: 16.880 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

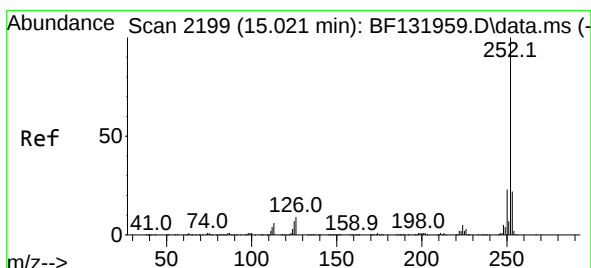
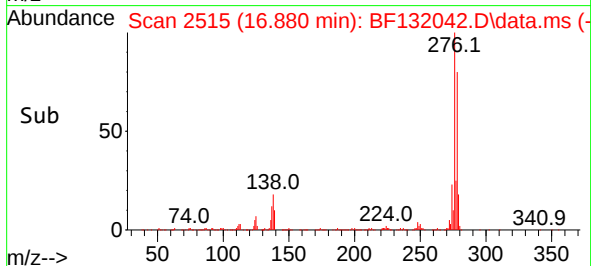
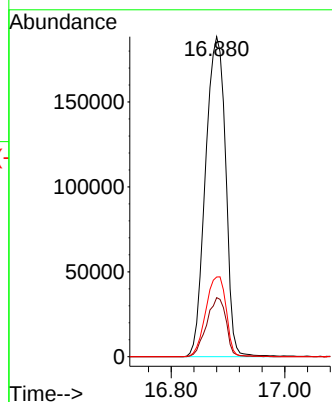
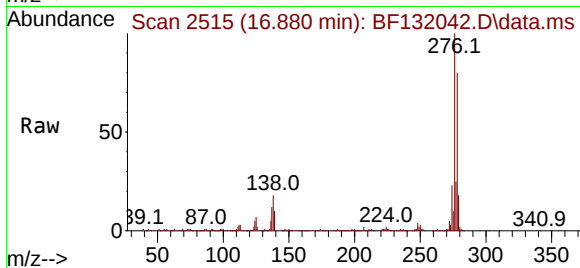
Tgt Ion:276 Resp: 462106

Ion Ratio Lower Upper

276 100

138 18.0 14.2 21.2

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.512 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

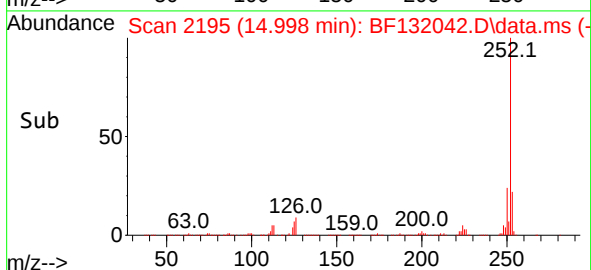
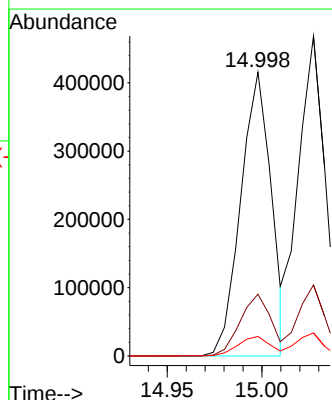
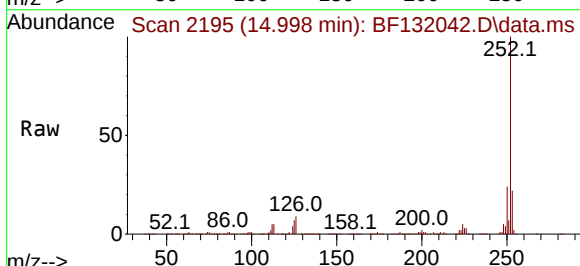
Tgt Ion:252 Resp: 466773

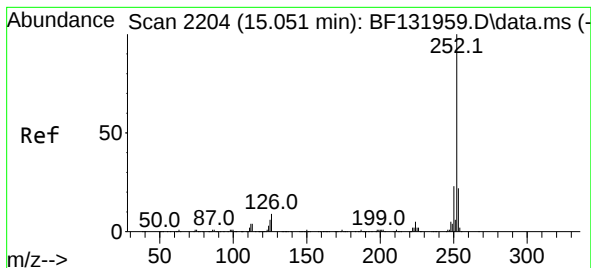
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.9 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 44.471 ng

RT: 15.027 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

Instrument :

BNA_F

ClientSampleId :

PB150088BSD

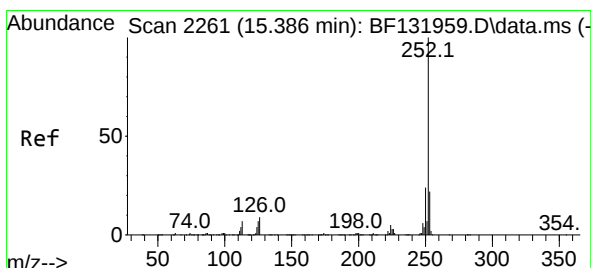
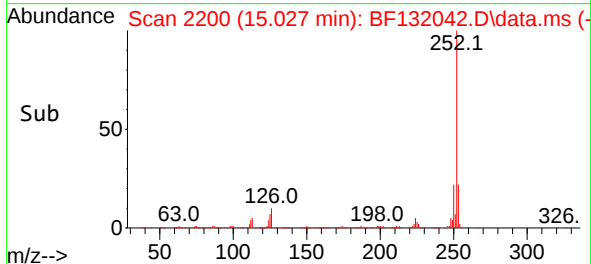
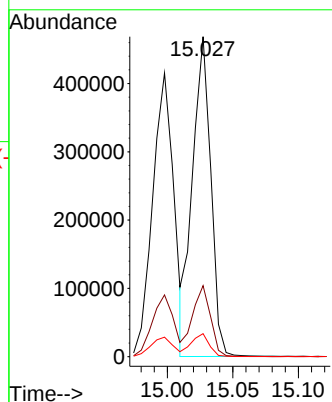
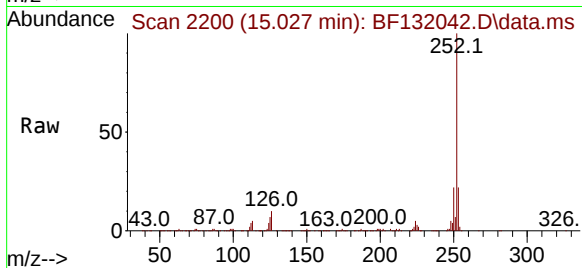
Tgt Ion:252 Resp: 455190

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 7.2 5.2 7.8



#90

Benzo(a)pyrene

Concen: 42.539 ng

RT: 15.363 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF132042.D

Acq: 12 Jan 2023 15:28

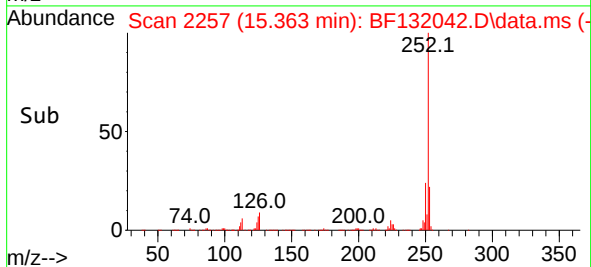
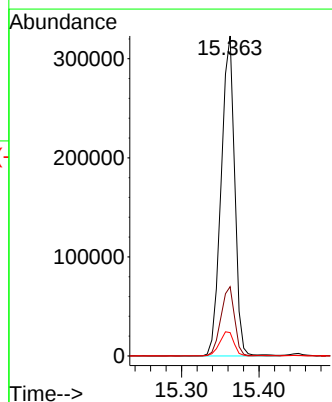
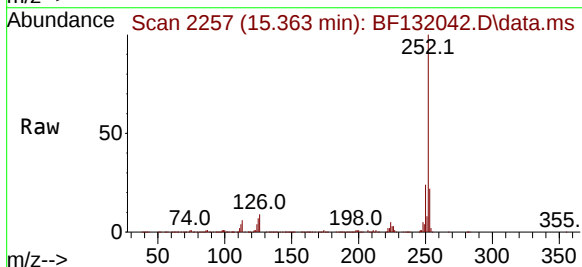
Tgt Ion:252 Resp: 393084

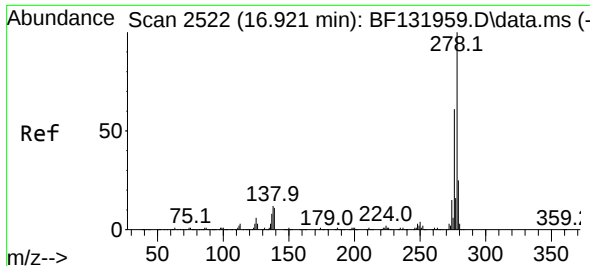
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.3 5.7 8.5

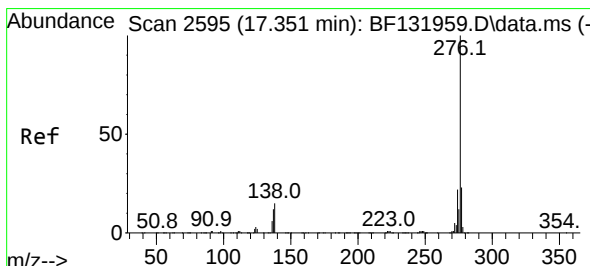
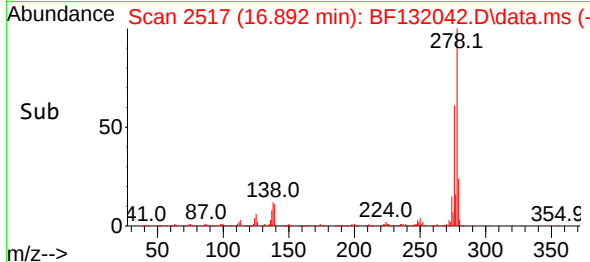
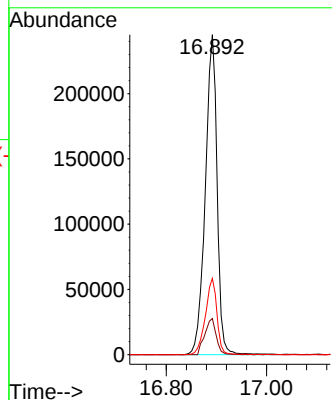
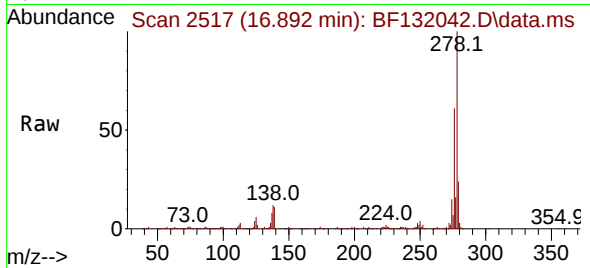




#91
Dibenzo(a,h)anthracene
Concen: 52.119 ng
RT: 16.892 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Instrument :
BNA_F
ClientSampleId :
PB150088BSD

Tgt Ion:278 Resp: 400672
Ion Ratio Lower Upper
278 100
139 11.3 8.8 13.2
279 23.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 47.719 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF132042.D
Acq: 12 Jan 2023 15:28

Tgt Ion:276 Resp: 392624
Ion Ratio Lower Upper
276 100
277 22.4 18.2 27.2
138 15.2 11.7 17.5

