

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132045.D
 Acq On : 12 Jan 2023 17:09
 Operator : CG\JU
 Sample : 01084-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2MS

Quant Time: Jan 13 01:34:44 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	6.775	152	79506	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290035	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	171936	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	314938	20.000	ng	0.00
76) Chrysene-d12	13.962	240	151811	20.000	ng	0.00
86) Perylene-d12	15.421	264	153643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	573981	118.959	ng	0.03
7) Phenol-d6	6.428	99	686517	107.312	ng	0.00
23) Nitrobenzene-d5	7.351	82	580425	83.058	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	239893	121.349	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1037809	81.484	ng	0.00
79) Terphenyl-d14	12.904	244	1093649	103.253	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	78436	37.221	ng	# 82
3) Pyridine	3.387	79	107097	18.108	ng	96
4) n-Nitrosodimethylamine	3.310	42	116771	42.010	ng	91
6) Aniline	6.439	93	103817	12.334	ng	# 1
8) 2-Chlorophenol	6.569	128	212466	43.889	ng	95
9) Benzaldehyde	6.328	77	104400	24.526	ng	99
10) Phenol	6.439	94	252797	35.422	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	234359	43.563	ng	99
12) 1,3-Dichlorobenzene	6.710	146	225507	41.822	ng	97
13) 1,4-Dichlorobenzene	6.792	146	226796	41.570	ng	97
14) 1,2-Dichlorobenzene	6.939	146	216005	41.688	ng	97
15) Benzyl Alcohol	6.928	79	239275	42.950	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	283800	41.801	ng	# 13
17) 2-Methylphenol	7.045	107	188790	39.407	ng	93
18) Hexachloroethane	7.281	117	92978	41.210	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	194292	41.984	ng	99
20) 3+4-Methylphenols	7.204	107	244457	39.746	ng	# 69
22) Acetophenone	7.192	105	362588	42.938	ng	93
24) Nitrobenzene	7.369	77	291646	40.994	ng	99
25) Isophorone	7.610	82	532192	40.765	ng	99
26) 2-Nitrophenol	7.681	139	118411	42.301	ng	91
27) 2,4-Dimethylphenol	7.728	122	197843	42.342	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	297202	41.133	ng	98
29) 2,4-Dichlorophenol	7.933	162	204344	42.697	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	233065	42.521	ng	97
31) Naphthalene	8.086	128	627592	40.945	ng	99
32) Benzoic acid	7.869	122	61295	22.628	ng	97
33) 4-Chloroaniline	8.139	127	52520	8.303	ng	97
34) Hexachlorobutadiene	8.192	225	151612	39.896	ng	99
35) Caprolactam	8.533	113	25736	18.309	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	234027	41.663	ng	97
37) 2-Methylnaphthalene	8.780	142	445341	40.455	ng	100
38) 1-Methylnaphthalene	8.880	142	409880	40.188	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	254377	41.986	ng	99
41) Hexachlorocyclopentadiene	8.927	237	177587	61.067	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	157067	43.069	ng	99

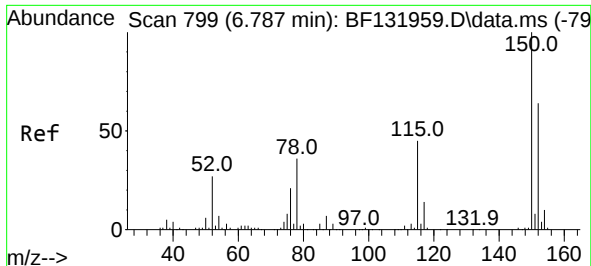
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 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	161681	38.082	ng	98
46) 1,1'-Biphenyl	9.245	154	559900	42.191	ng	99
47) 2-Chloronaphthalene	9.269	162	445965	43.298	ng	99
48) 2-Nitroaniline	9.380	65	156801	41.913	ng	95
49) Acenaphthylene	9.686	152	664747	41.590	ng	99
50) Dimethylphthalate	9.557	163	554205	41.352	ng	100
51) 2,6-Dinitrotoluene	9.622	165	116221	41.231	ng	88
52) Acenaphthene	9.857	154	402047	41.905	ng	98
53) 3-Nitroaniline	9.792	138	45186	16.523	ng	# 98
54) 2,4-Dinitrophenol	9.904	184	71372	50.429	ng	96
55) Dibenzofuran	10.033	168	619286	40.949	ng	99
56) 4-Nitrophenol	9.974	139	111434	72.342	ng	93
57) 2,4-Dinitrotoluene	10.027	165	155566	41.279	ng	88
58) Fluorene	10.374	166	500591	41.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	117922	37.276	ng	98
60) Diethylphthalate	10.251	149	530529	40.257	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	276217	39.939	ng	99
62) 4-Nitroaniline	10.416	138	91096	37.045	ng	96
63) Azobenzene	10.527	77	566018	40.488	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	63891	31.458	ng	85
66) n-Nitrosodiphenylamine	10.492	169	424146	42.927	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	161828	41.075	ng	99
68) Hexachlorobenzene	10.921	284	178288	44.735	ng	95
69) Atrazine	11.021	200	158050	43.987	ng	98
70) Pentachlorophenol	11.127	266	136730	65.187	ng	95
71) Phenanthrene	11.339	178	696450	42.420	ng	100
72) Anthracene	11.392	178	714308	42.263	ng	99
73) Carbazole	11.551	167	593080	42.385	ng	98
74) Di-n-butylphthalate	11.874	149	787888	40.439	ng	99
75) Fluoranthene	12.533	202	697543	37.778	ng	98
77) Benzidine	12.657	184	60405	11.977	ng	97
78) Pyrene	12.763	202	693916	50.116	ng	99
80) Butylbenzylphthalate	13.380	149	254095	45.464	ng	94
81) Benzo(a)anthracene	13.951	228	463545	41.970	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	58765	17.048	ng	96
83) Chrysene	13.986	228	429939	41.653	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	339166	44.794	ng	99
85) Di-n-octyl phthalate	14.551	149	488417	47.139	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	494889	52.520	ng	100
88) Benzo(b)fluoranthene	14.998	252	426301	40.453	ng	98
89) Benzo(k)fluoranthene	15.027	252	405591	38.565	ng	98
90) Benzo(a)pyrene	15.356	252	372165	39.197	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	414413	52.464	ng	99
92) Benzo(g,h,i)perylene	17.321	276	403981	47.781	ng	99

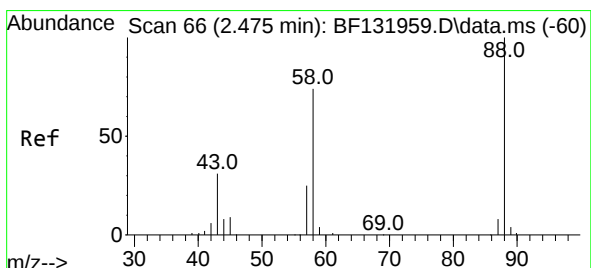
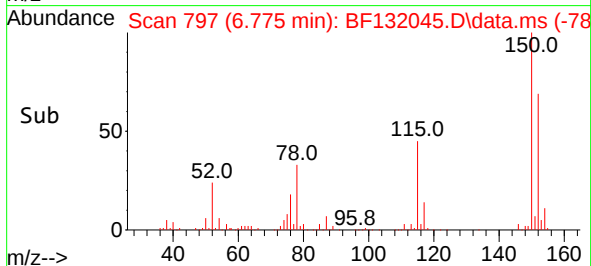
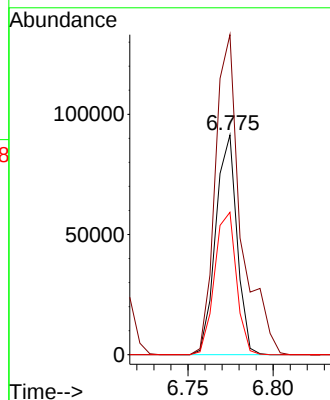
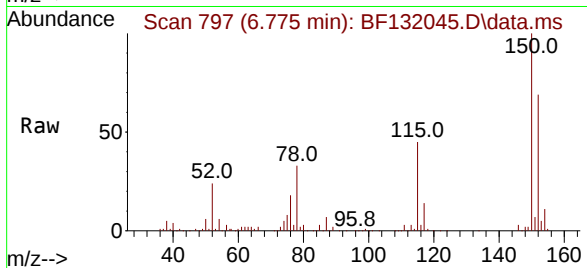
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

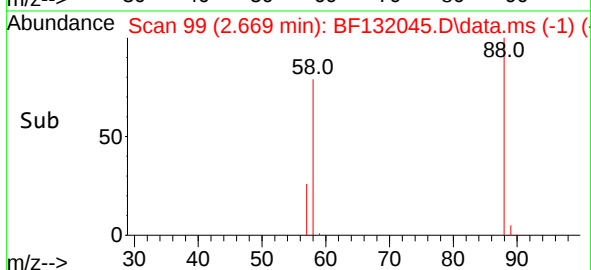
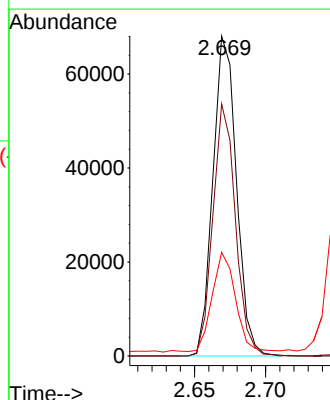
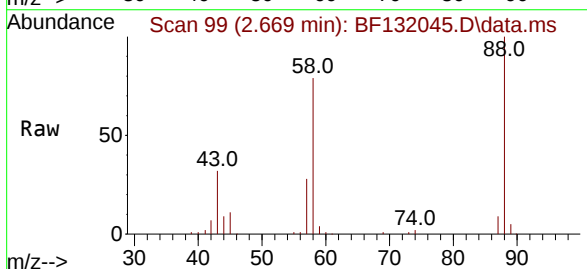
Instrument :
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 MH-2MS

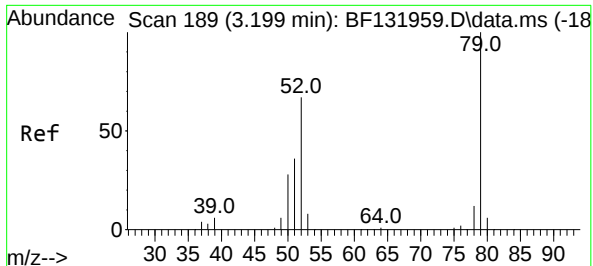
Tgt Ion:152 Resp: 79506
 Ion Ratio Lower Upper
 152 100
 150 145.7 124.6 186.8
 115 64.8 55.6 83.4



#2
 1,4-Dioxane
 Concen: 37.221 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.235 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

Tgt Ion: 88 Resp: 78436
 Ion Ratio Lower Upper
 88 100
 58 75.7 59.0 88.4
 43 0.0 24.6 37.0





#3

Pyridine

Concen: 18.108 ng

RT: 3.387 min Scan# 21

Delta R.T. 0.229 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

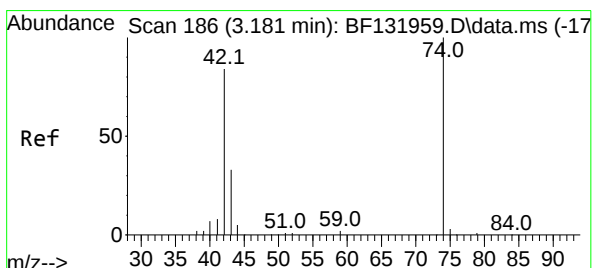
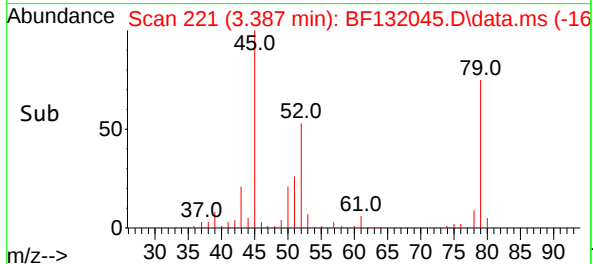
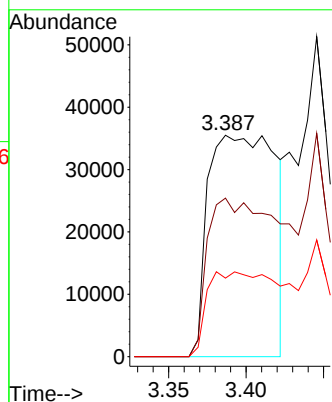
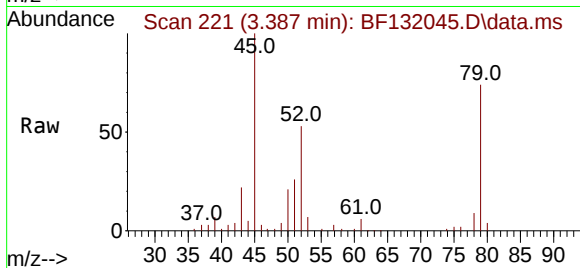
BNA_F

ClientSampleId :

MH-2MS

Tgt Ion: 79 Resp: 107097

Ion	Ratio	Lower	Upper
79	100		
52	71.6	53.7	80.5
51	35.5	28.6	43.0



#4

n-Nitrosodimethylamine

Concen: 42.010 ng

RT: 3.310 min Scan# 208

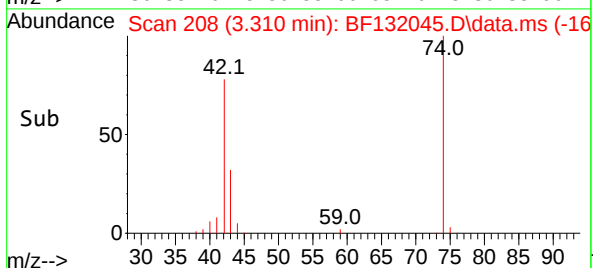
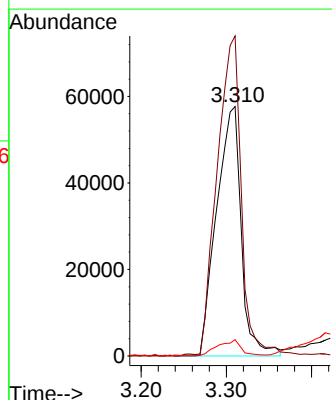
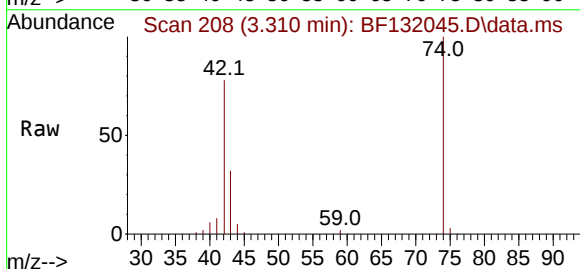
Delta R.T. 0.176 min

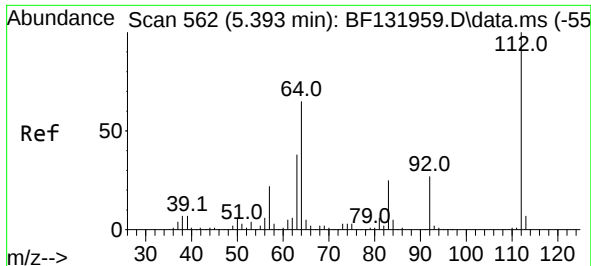
Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Tgt Ion: 42 Resp: 116771

Ion	Ratio	Lower	Upper
42	100		
74	128.3	94.8	142.2
44	6.6	4.5	6.7

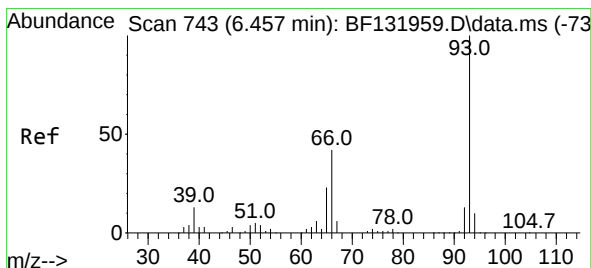
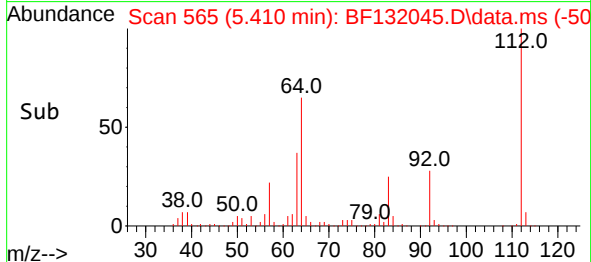
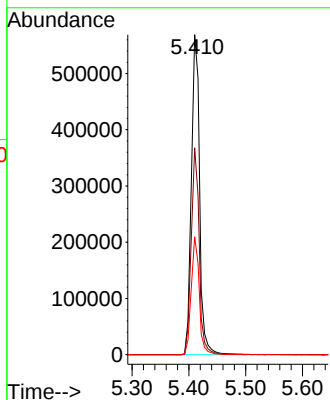
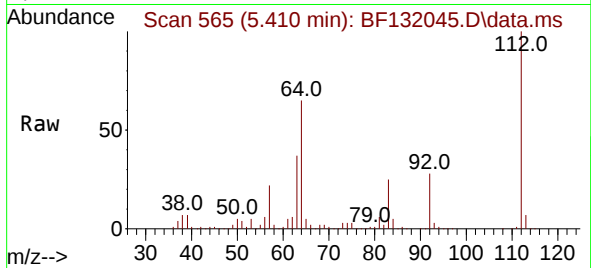




#5
2-Fluorophenol
Concen: 118.959 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

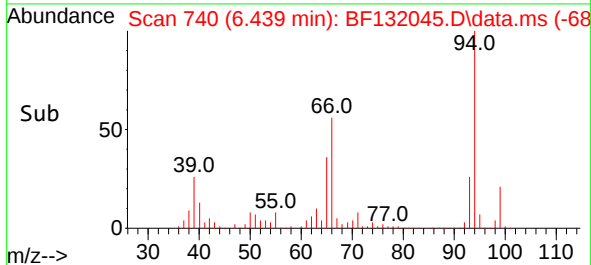
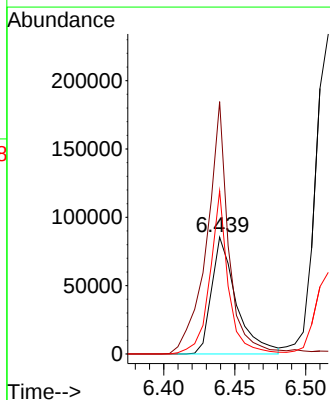
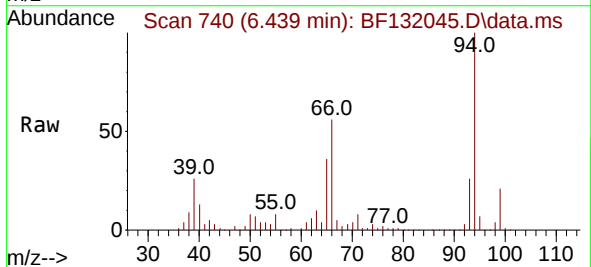
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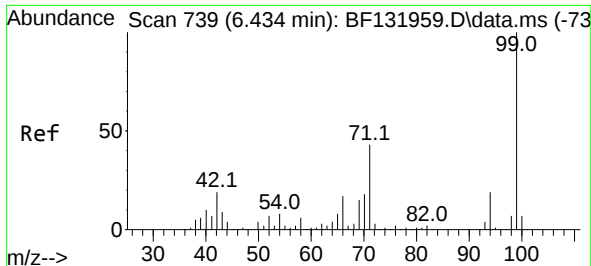
Tgt Ion:112 Resp: 573981
Ion Ratio Lower Upper
112 100
64 64.7 51.9 77.9
63 36.8 30.2 45.2



#6
Aniline
Concen: 12.334 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 93 Resp: 103817
Ion Ratio Lower Upper
93 100
66 215.9 34.6 51.8#
65 139.5 18.2 27.2#





#7

Phenol-d6

Concen: 107.312 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

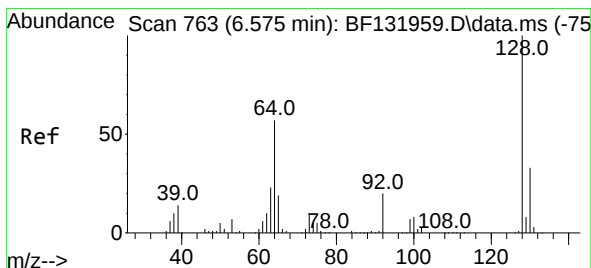
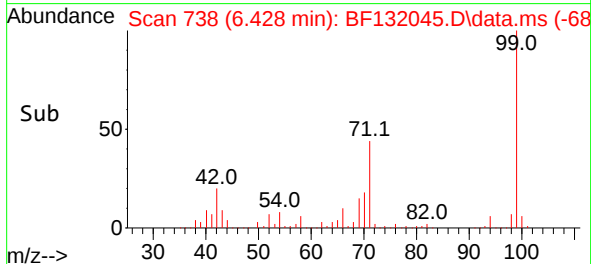
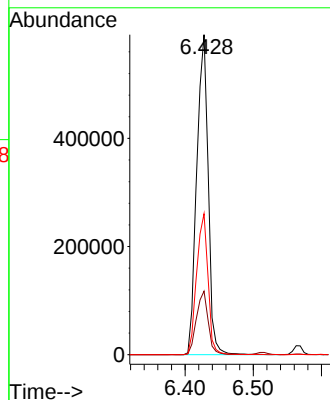
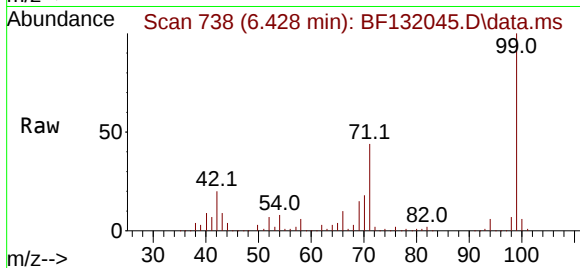
Tgt Ion: 99 Resp: 686517

Ion Ratio Lower Upper

99 100

42 19.9 15.4 23.2

71 44.1 34.6 51.8



#8

2-Chlorophenol

Concen: 43.889 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

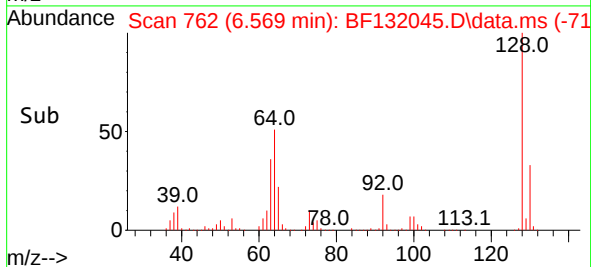
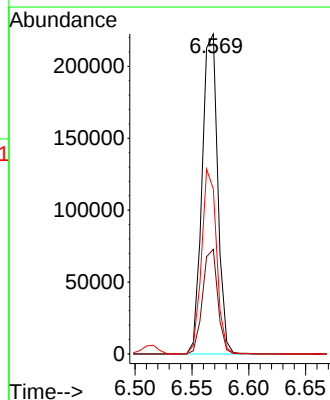
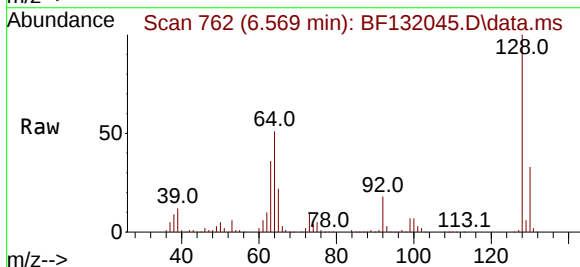
Tgt Ion:128 Resp: 212466

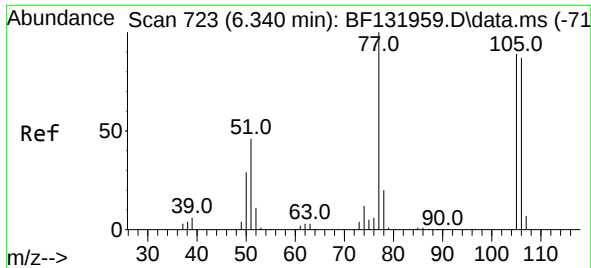
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 51.5 37.6 77.6

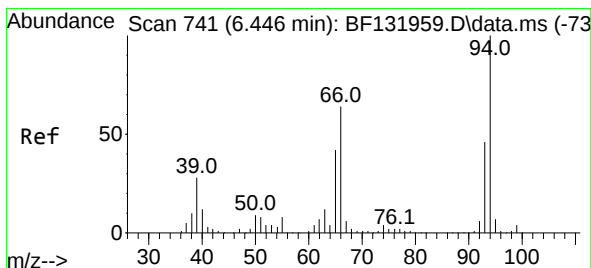
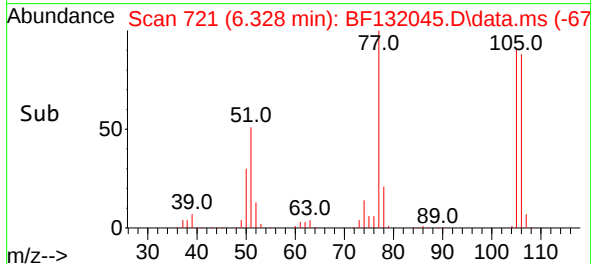
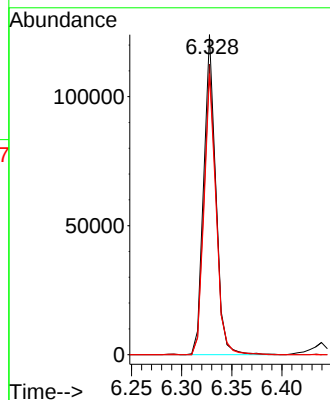
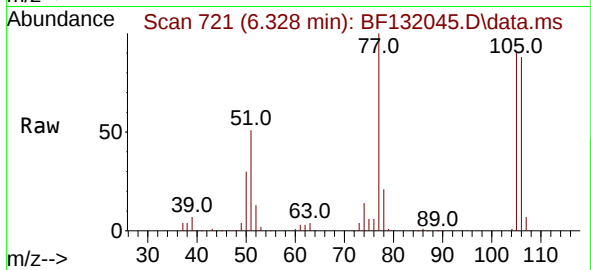




#9
Benzaldehyde
Concen: 24.526 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

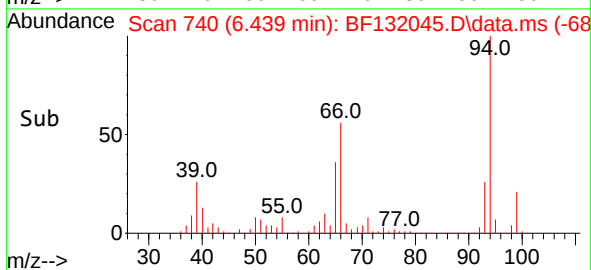
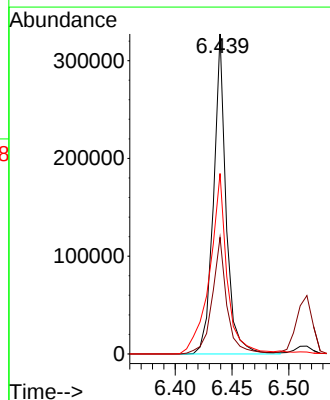
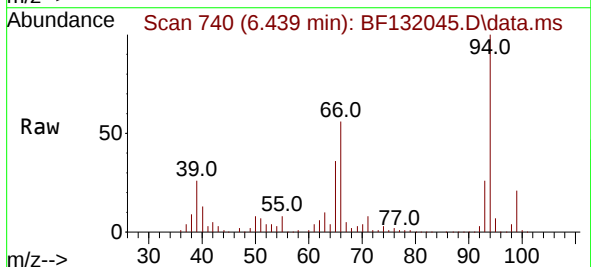
Instrument :
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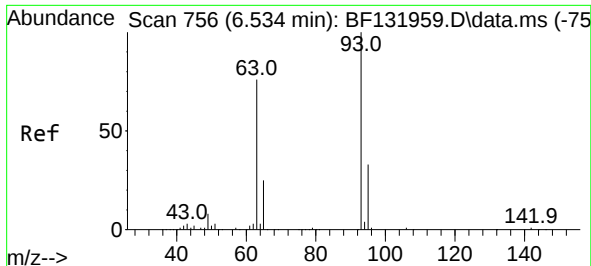
Tgt Ion: 77 Resp: 104400
Ion Ratio Lower Upper
77 100
105 90.7 69.0 109.0
106 87.8 67.0 107.0



#10
Phenol
Concen: 35.422 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 94 Resp: 252797
Ion Ratio Lower Upper
94 100
65 36.4 22.2 62.2
66 56.4 44.4 84.4

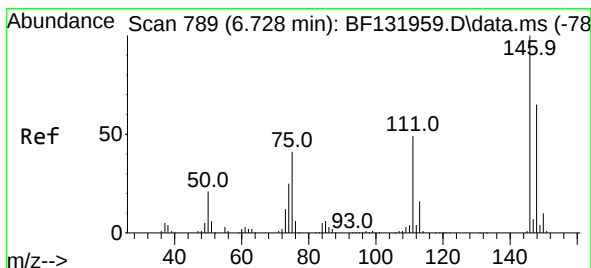
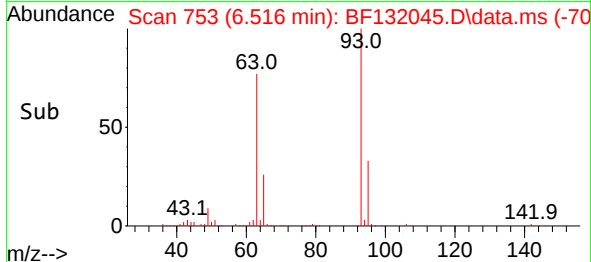
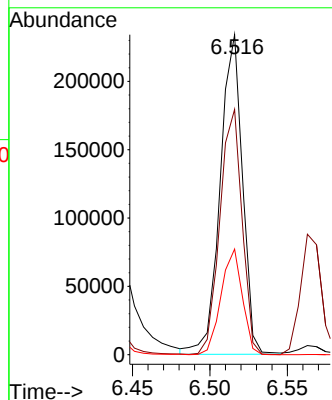
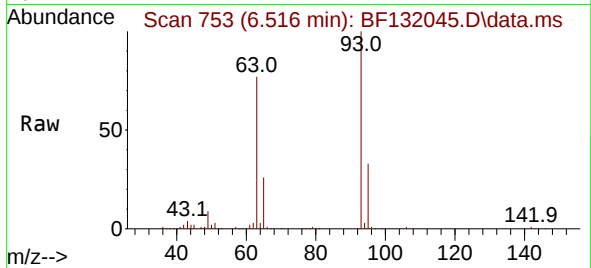




#11
bis(2-Chloroethyl)ether
Concen: 43.563 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

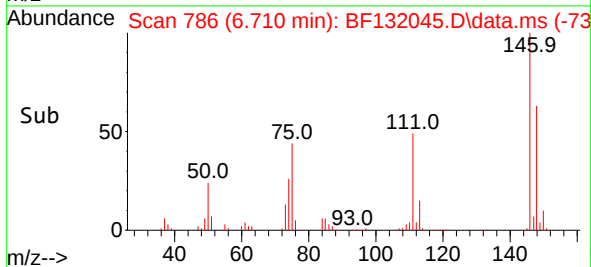
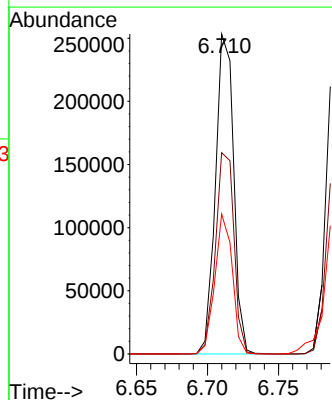
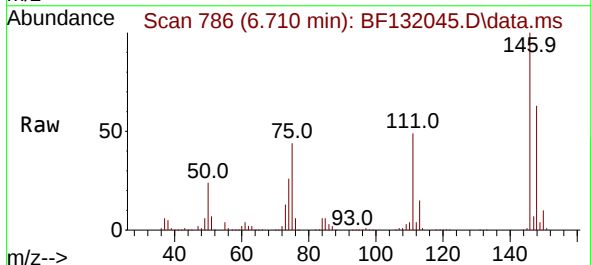
Instrument :
BNA_F
ClientSampleId :
MH-2MS

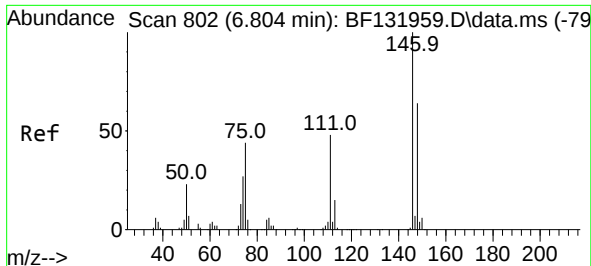
Tgt Ion: 93 Resp: 234359
Ion Ratio Lower Upper
93 100
63 76.7 55.5 95.5
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 41.822 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:146 Resp: 225507
Ion Ratio Lower Upper
146 100
148 62.9 51.7 77.5
75 43.7 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 41.570 ng

RT: 6.792 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

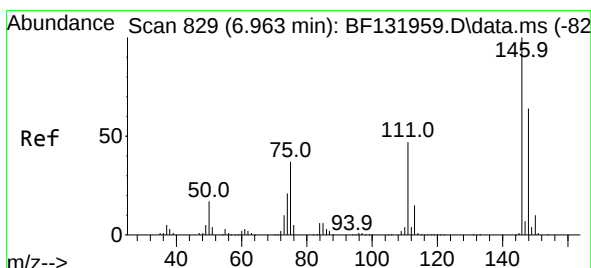
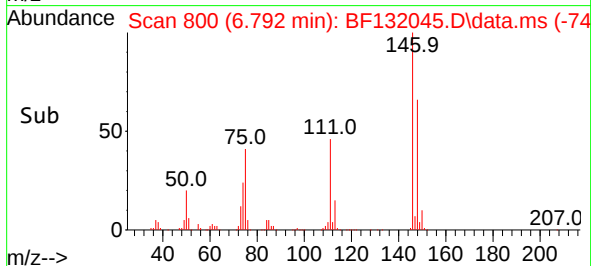
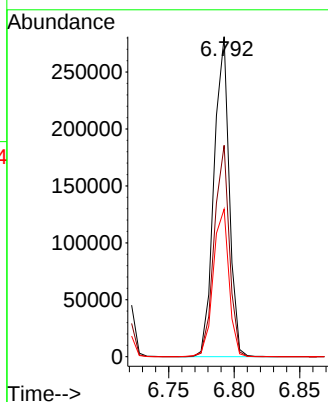
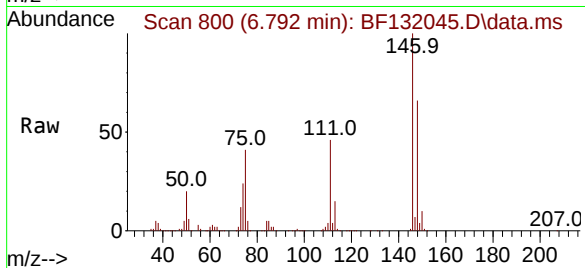
Tgt Ion:146 Resp: 226796

Ion Ratio Lower Upper

146 100

148 66.1 51.0 76.6

111 46.1 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 41.688 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

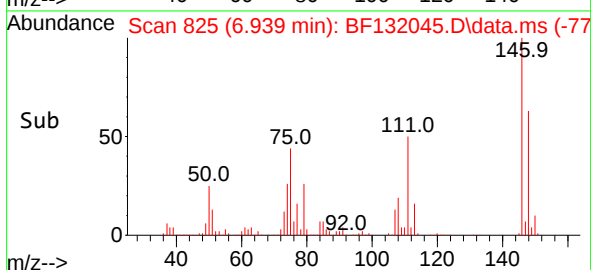
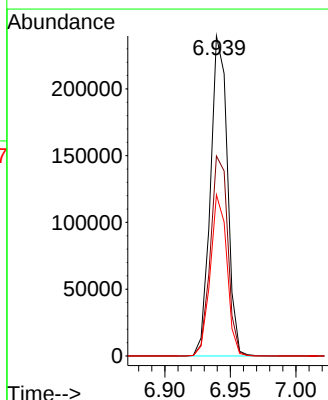
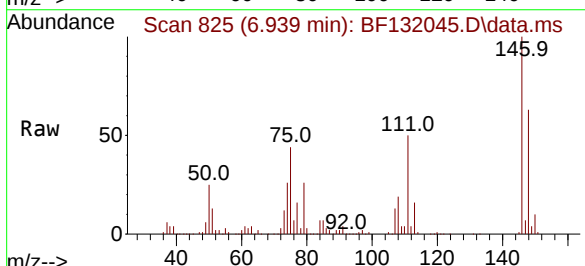
Tgt Ion:146 Resp: 216005

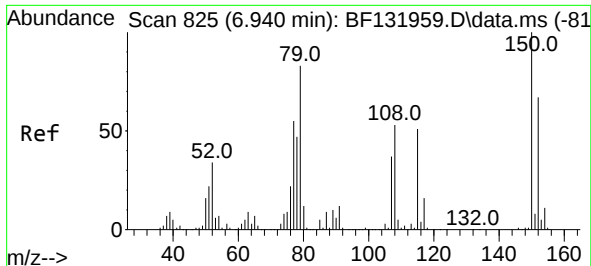
Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.0

111 50.4 37.7 56.5

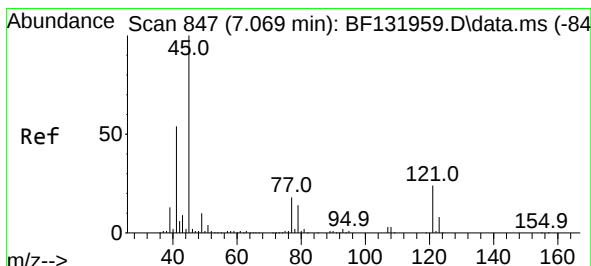
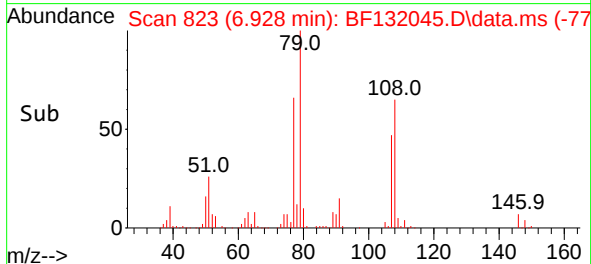
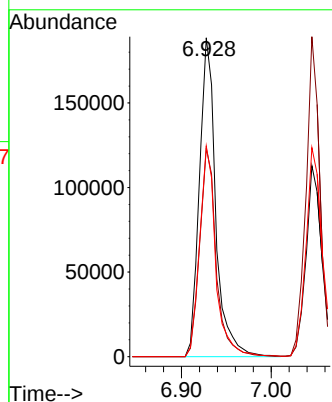
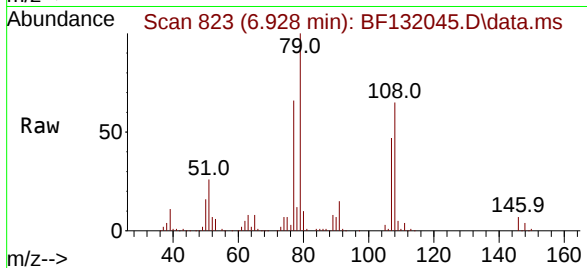




#15
Benzyl Alcohol
Concen: 42.950 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

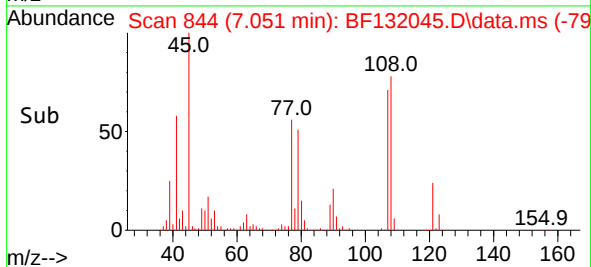
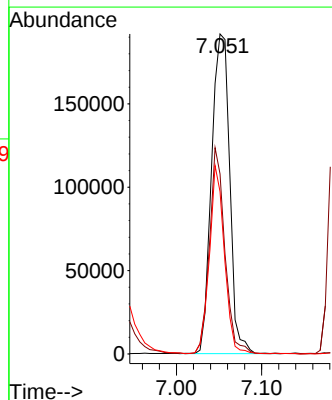
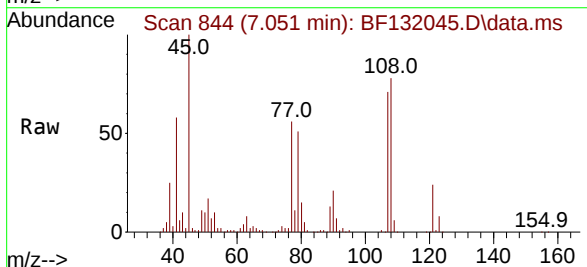
Instrument :
BNA_F
ClientSampleId :
MH-2MS

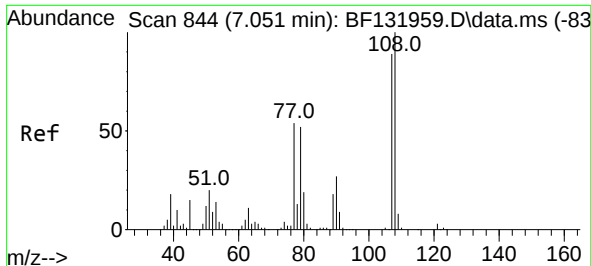
Tgt Ion: 79 Resp: 239275
Ion Ratio Lower Upper
79 100
108 65.4 51.7 77.5
77 66.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.801 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 45 Resp: 283800
Ion Ratio Lower Upper
45 100
77 56.2 0.0 38.1#
79 50.7 0.0 34.6#

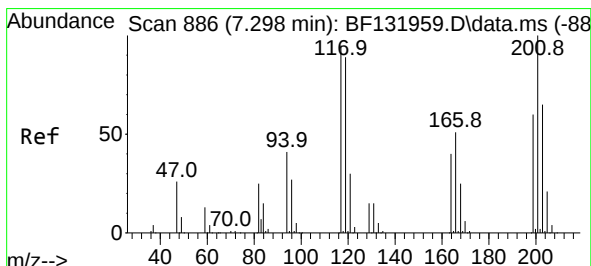
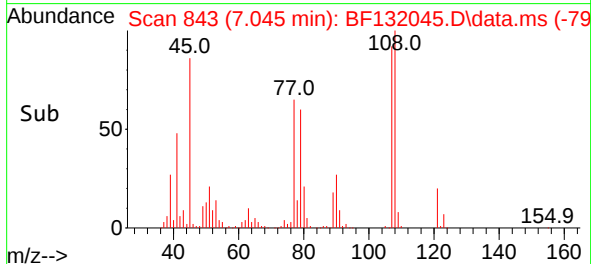
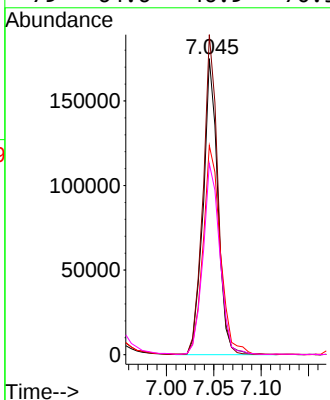
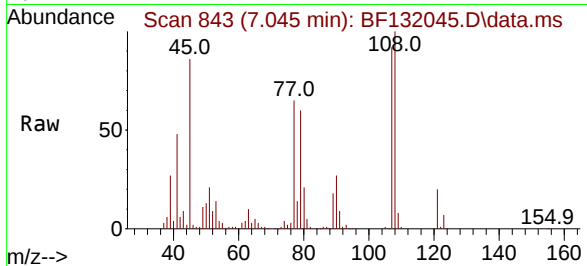




#17
2-Methylphenol
Concen: 39.407 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

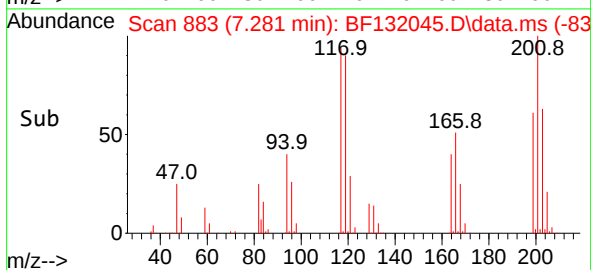
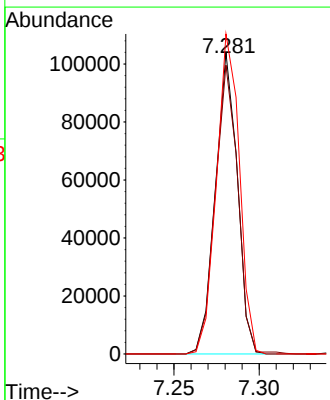
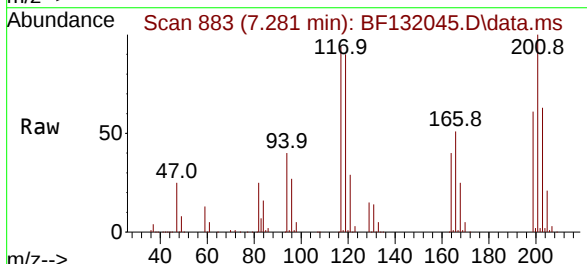
Instrument :
BNA_F
ClientSampleId :
MH-2MS

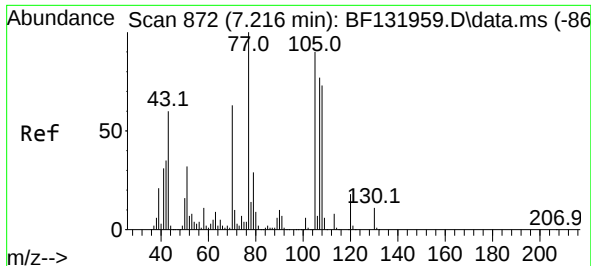
Tgt Ion:	107	Resp:	188790
Ion	Ratio	Lower	Upper
107	100		
108	108.1	90.0	135.0
77	70.7	48.8	73.2
79	64.6	46.9	70.3



#18
Hexachloroethane
Concen: 41.210 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:	117	Resp:	92978
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
201	106.2	84.2	126.4



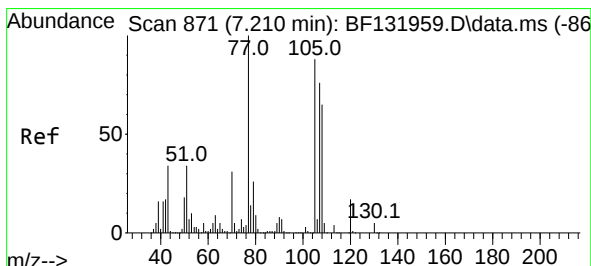
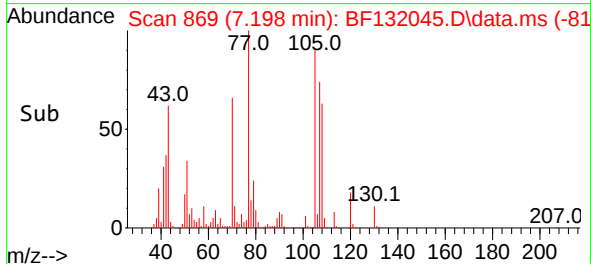
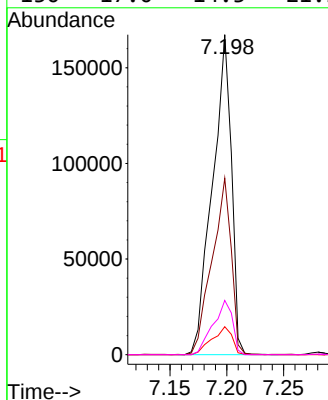
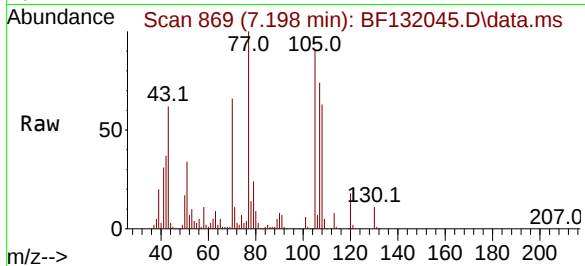


#19
n-Nitroso-di-n-propylamine
Concen: 41.984 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Instrument :
BNA_F
ClientSampleId :
MH-2MS

Tgt Ion: 70 Resp: 194292

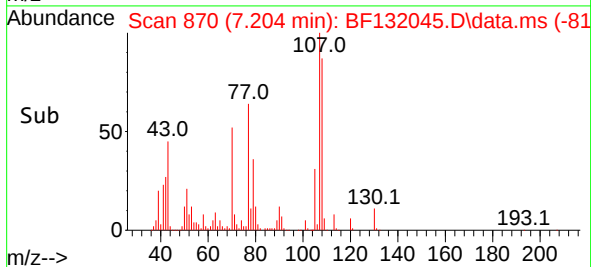
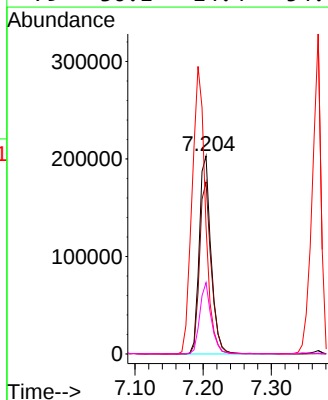
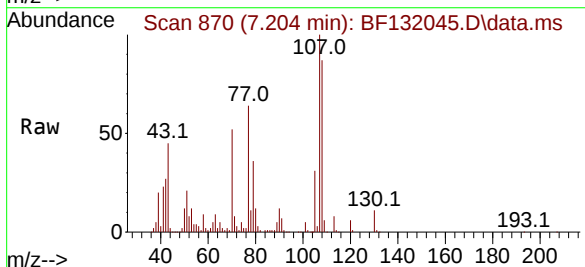
Ion	Ratio	Lower	Upper
70	100		
42	55.1	44.3	66.5
101	8.7	7.5	11.3
130	17.0	14.3	21.5

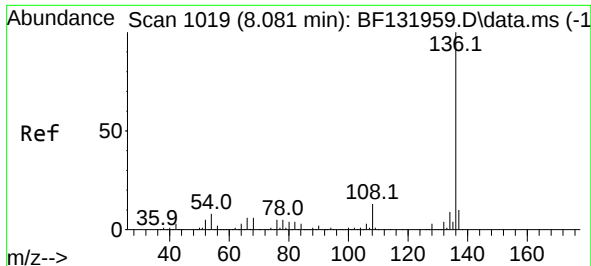


#20
3+4-Methylphenols
Concen: 39.746 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 107 Resp: 244457

Ion	Ratio	Lower	Upper
107	100		
108	86.9	65.1	105.1
77	64.3	111.2	151.2#
79	36.1	14.4	54.4

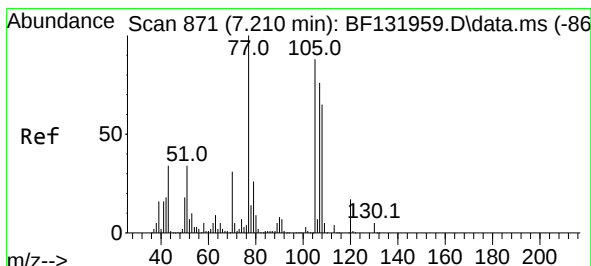
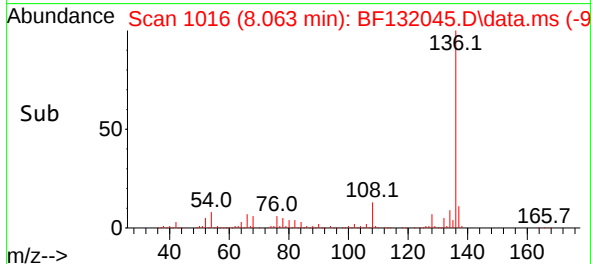
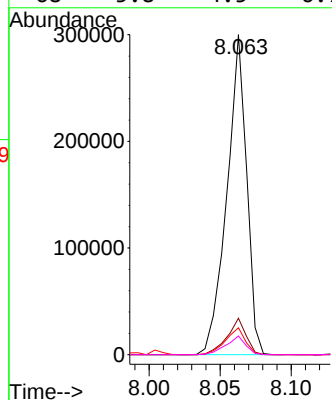
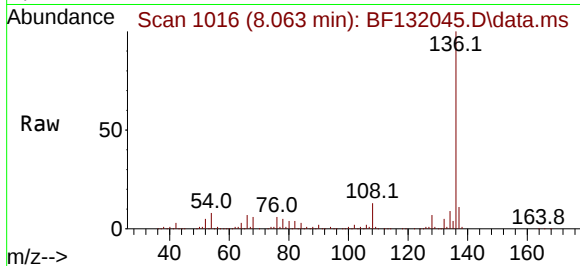




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

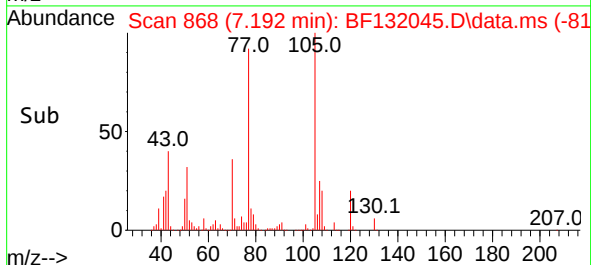
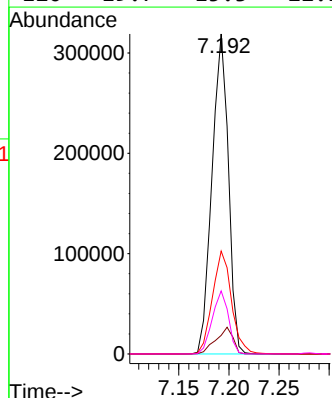
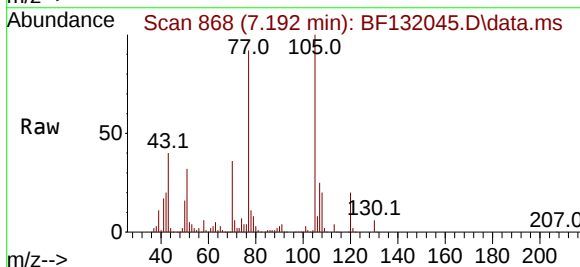
Instrument :
BNA_F
ClientSampleId :
MH-2MS

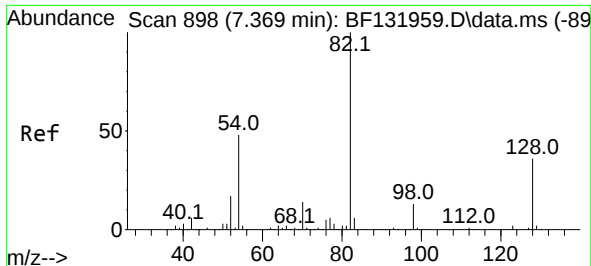
Tgt Ion:	136	Resp:	290035
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	8.4	6.6	9.8
68	5.8	4.5	6.7



#22
Acetophenone
Concen: 42.938 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:	105	Resp:	362588
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.6	7.0
51	32.1	30.6	46.0
120	19.7	15.3	22.9

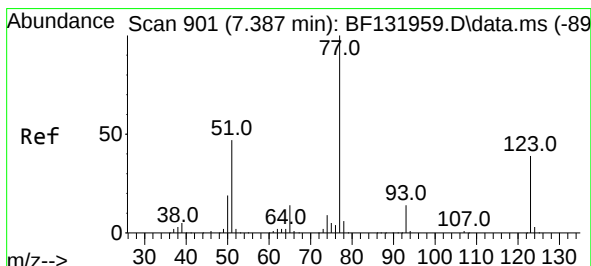
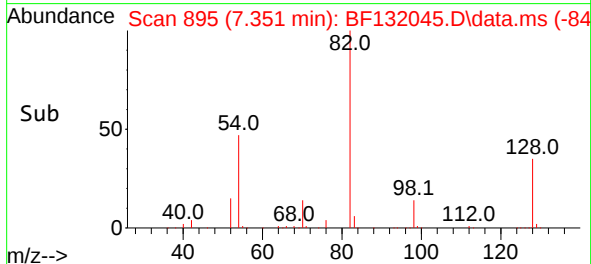
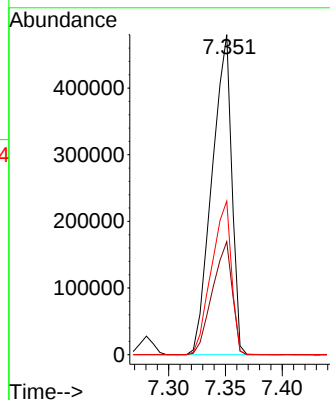
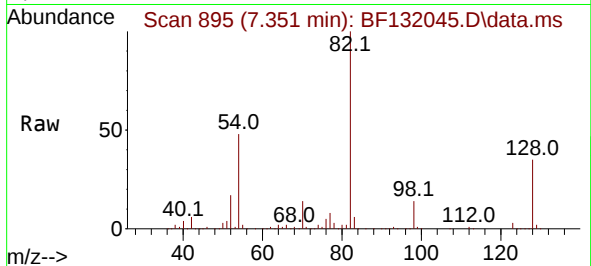




#23
Nitrobenzene-d5
Concen: 83.058 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

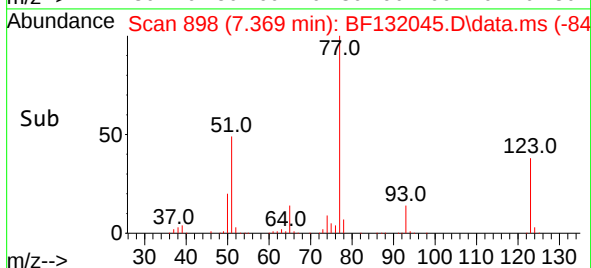
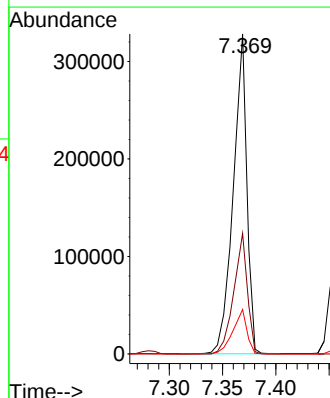
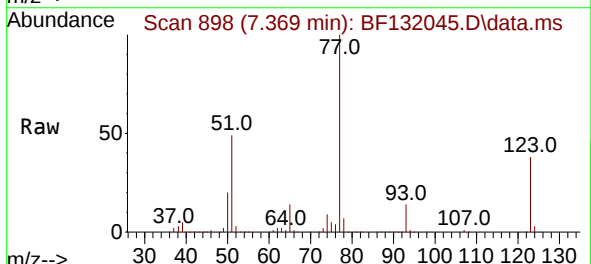
Instrument :
BNA_F
ClientSampleId :
MH-2MS

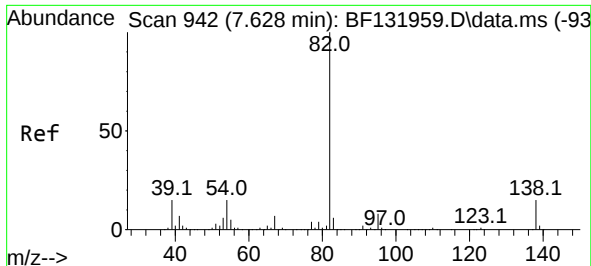
Tgt Ion: 82 Resp: 580425
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 48.0 38.1 57.1



#24
Nitrobenzene
Concen: 40.994 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 77 Resp: 291646
Ion Ratio Lower Upper
77 100
123 37.7 30.9 46.3
65 13.9 10.8 16.2

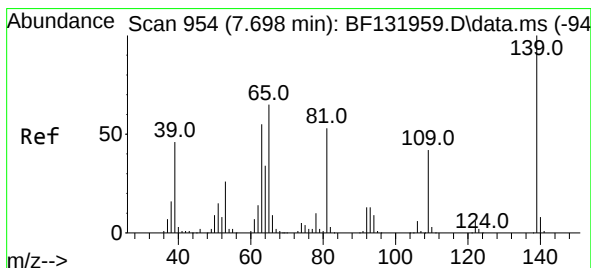
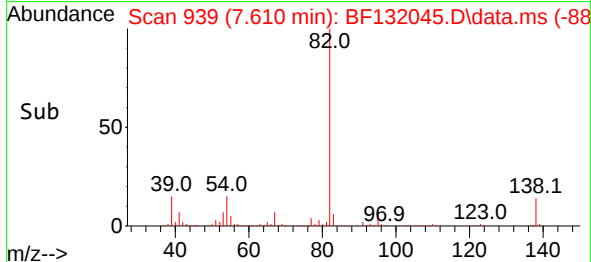
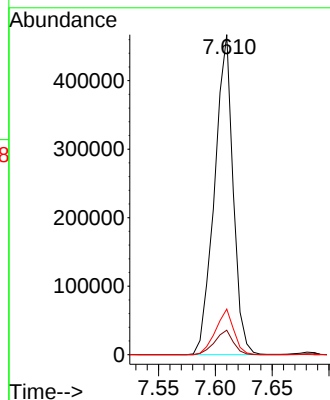
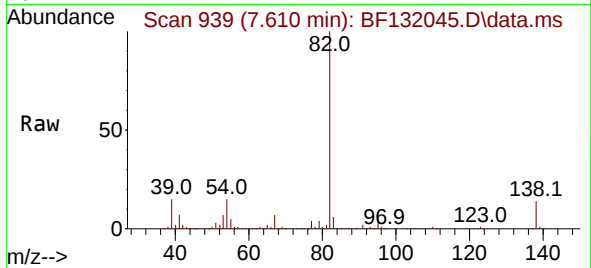




#25
Isophorone
Concen: 40.765 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

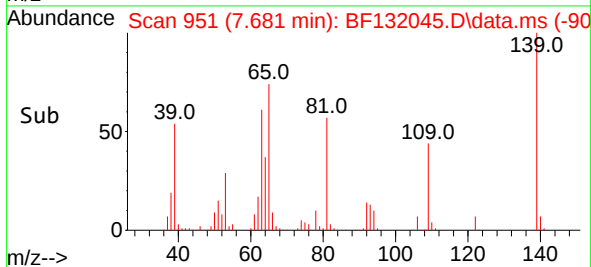
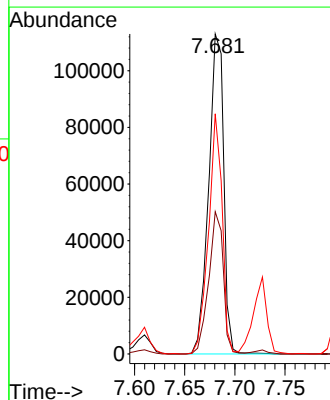
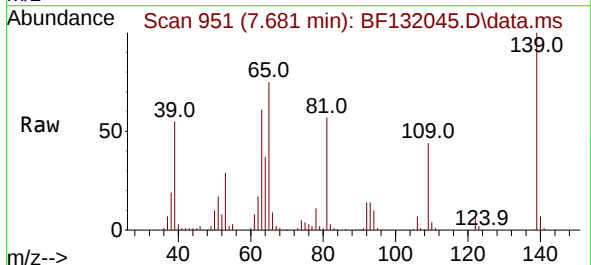
Instrument :
BNA_F
ClientSampleId :
MH-2MS

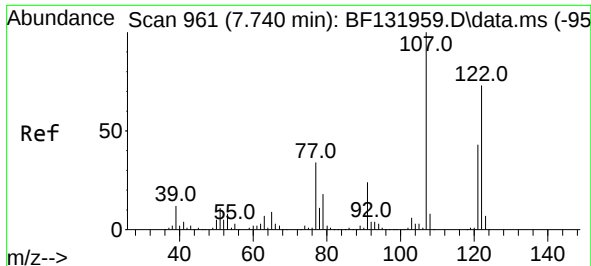
Tgt Ion: 82 Resp: 532192
Ion Ratio Lower Upper
82 100
95 7.6 6.5 9.7
138 14.2 11.9 17.9



#26
2-Nitrophenol
Concen: 42.301 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 139 Resp: 118411
Ion Ratio Lower Upper
139 100
109 44.4 33.9 50.9
65 75.0 51.6 77.4

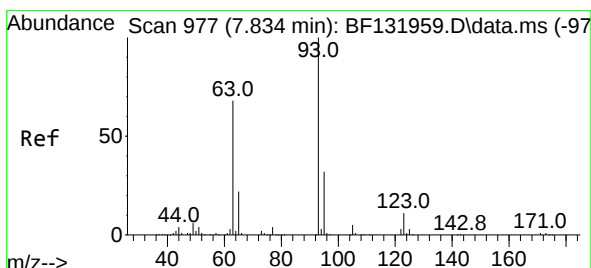
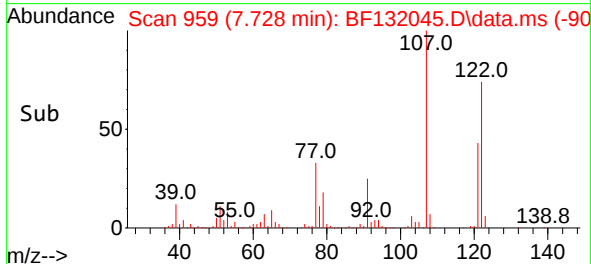
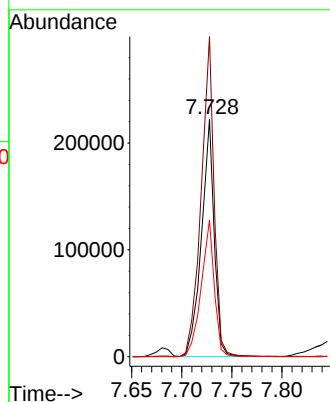
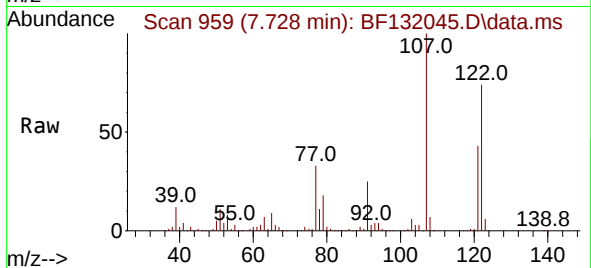




#27
2,4-Dimethylphenol
Concen: 42.342 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

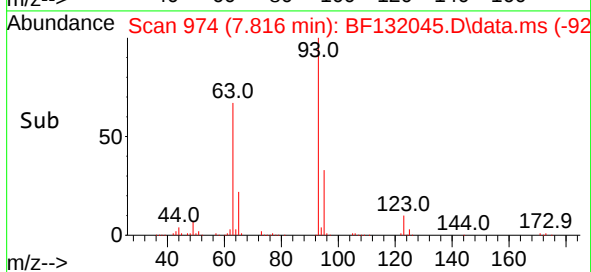
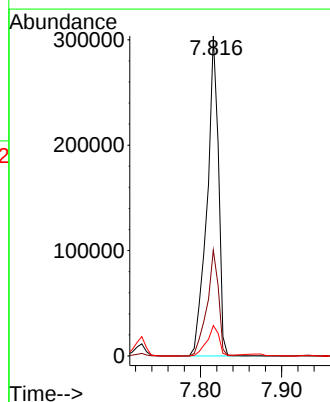
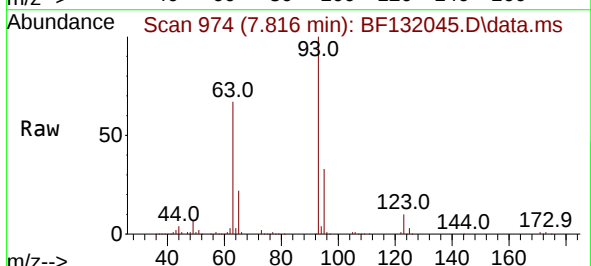
Instrument :
BNA_F
ClientSampleId :
MH-2MS

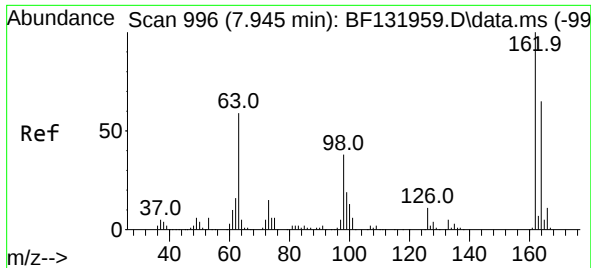
Tgt Ion:122 Resp: 197843
Ion Ratio Lower Upper
122 100
107 134.7 109.4 164.0
121 57.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.133 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 93 Resp: 297202
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 9.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 42.697 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

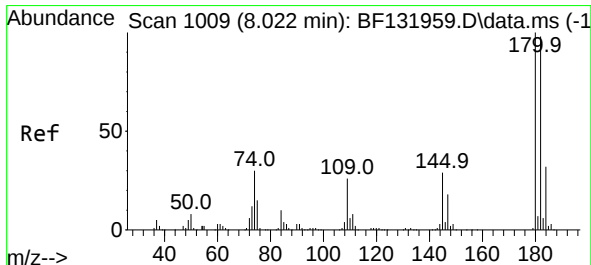
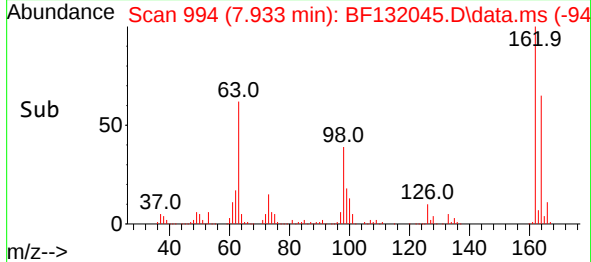
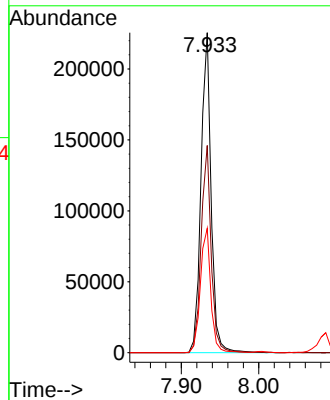
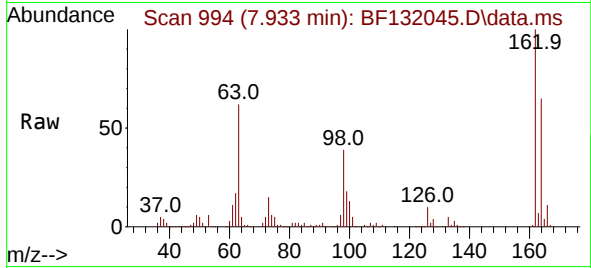
Tgt Ion:162 Resp: 204344

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

98 38.9 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 42.521 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

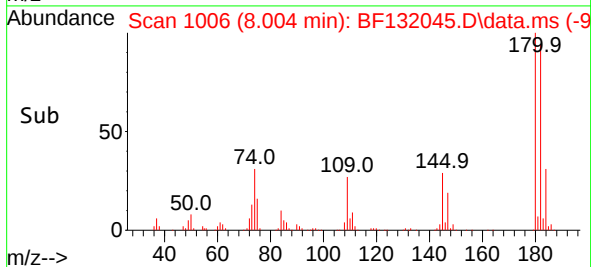
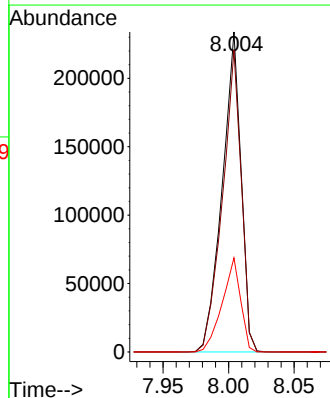
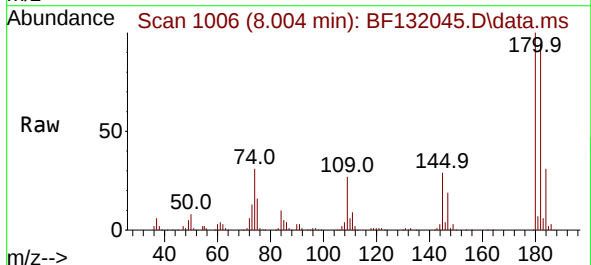
Tgt Ion:180 Resp: 233065

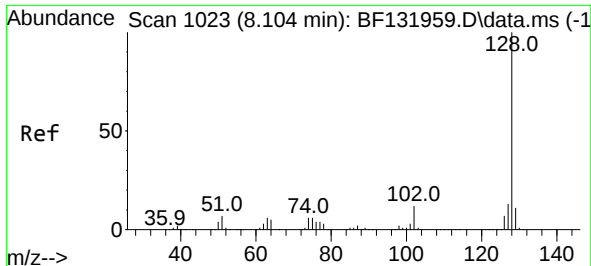
Ion Ratio Lower Upper

180 100

182 94.3 78.4 117.6

145 29.4 23.2 34.8

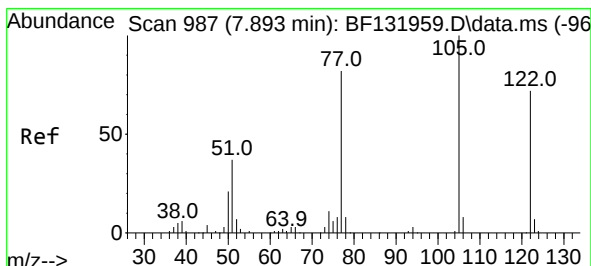
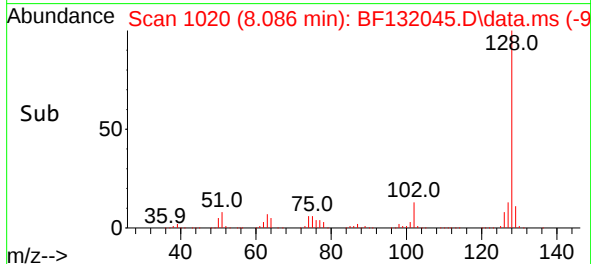
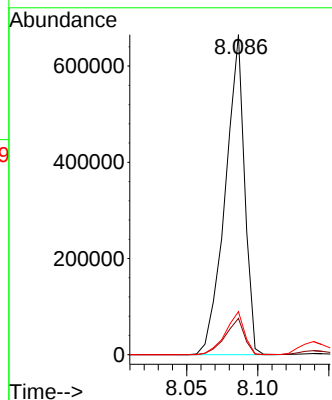
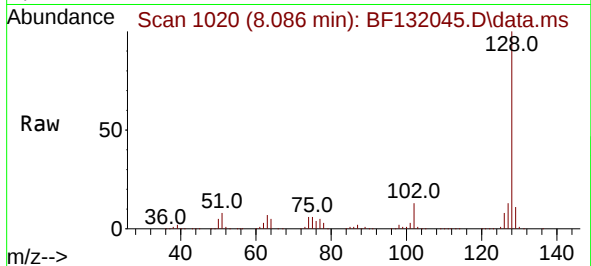




#31
Naphthalene
Concen: 40.945 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

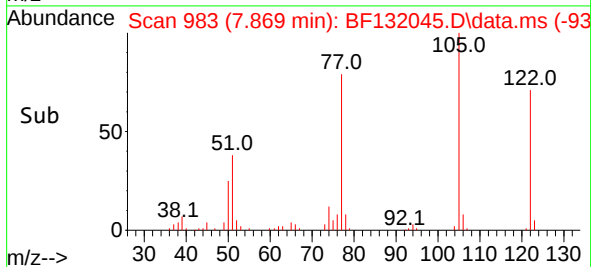
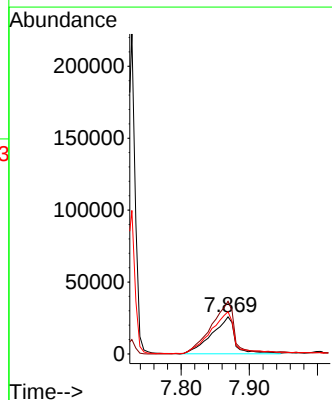
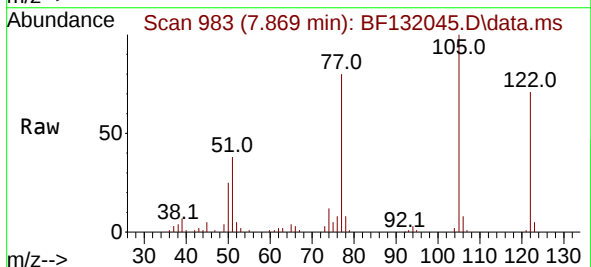
Instrument :
BNA_F
ClientSampleId :
MH-2MS

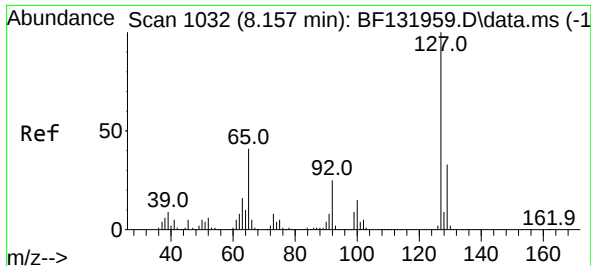
Tgt Ion:128 Resp: 627592
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 22.628 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:122 Resp: 61295
Ion Ratio Lower Upper
122 100
105 141.8 116.3 156.3
77 113.7 92.7 132.7

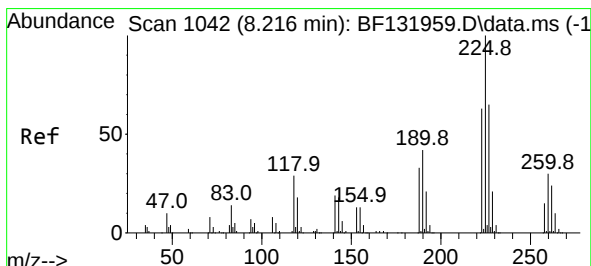
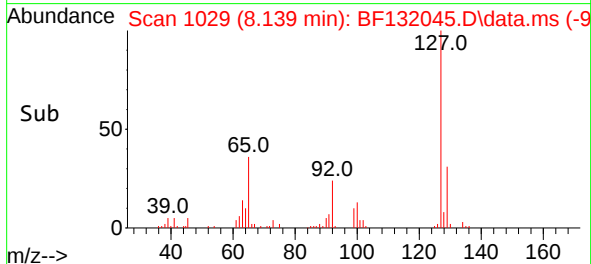
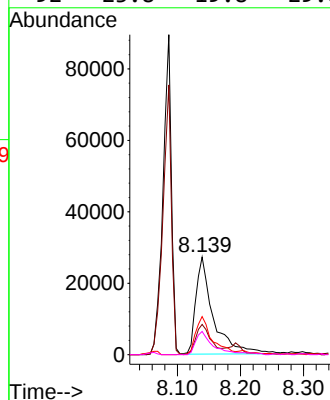
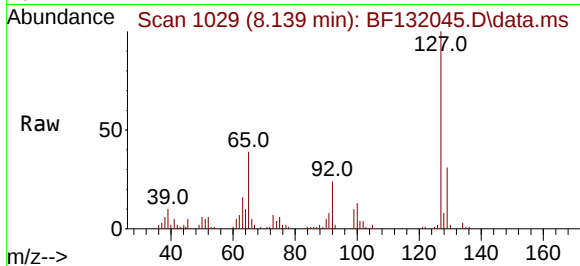




#33
4-Chloroaniline
Concen: 8.303 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

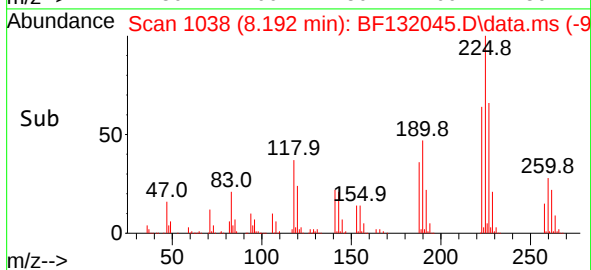
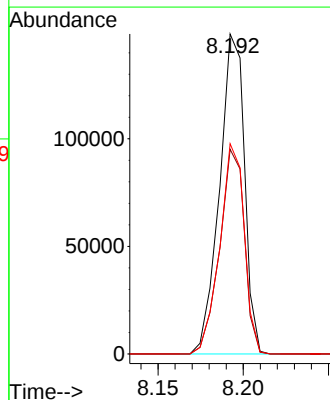
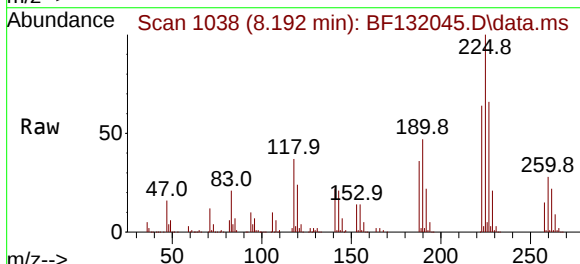
Instrument :
BNA_F
ClientSampleId :
MH-2MS

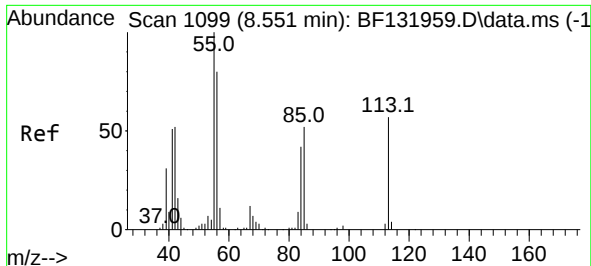
Tgt Ion:127	Resp:	52520
Ion	Ratio	Lower Upper
127	100	
129	31.0	26.5 39.7
65	39.0	33.1 49.7
92	23.8	19.8 29.8



#34
Hexachlorobutadiene
Concen: 39.896 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:225	Resp:	151612
Ion	Ratio	Lower Upper
225	100	
223	63.9	50.6 75.8
227	65.7	51.6 77.4





#35

Caprolactam

Concen: 18.309 ng

RT: 8.533 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

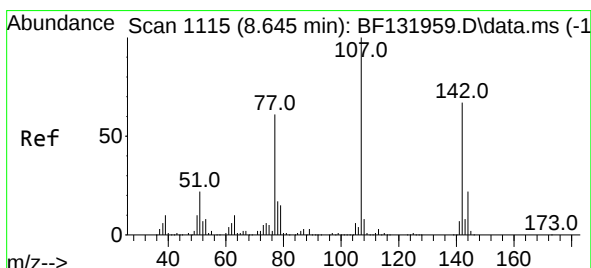
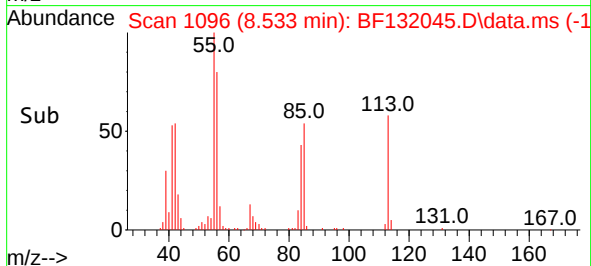
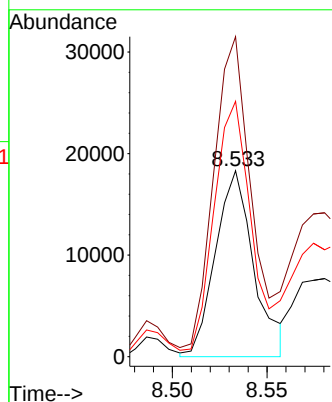
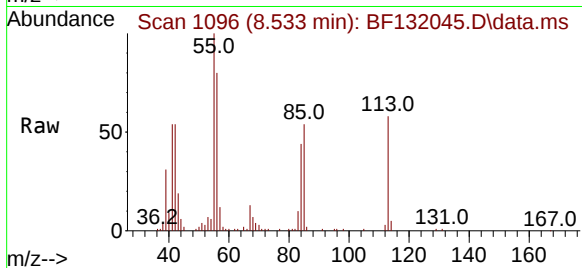
Tgt Ion:113 Resp: 25736

Ion Ratio Lower Upper

113 100

55 172.2 154.4 194.4

56 137.4 119.6 159.6



#36

4-Chloro-3-methylphenol

Concen: 41.663 ng

RT: 8.645 min Scan# 1115

Delta R.T. 0.012 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

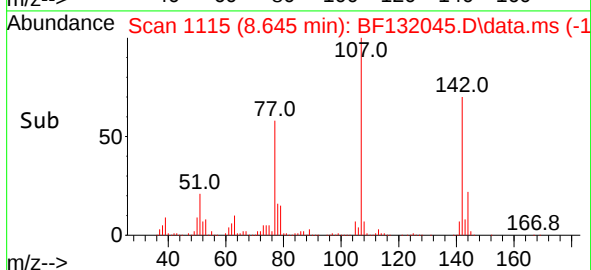
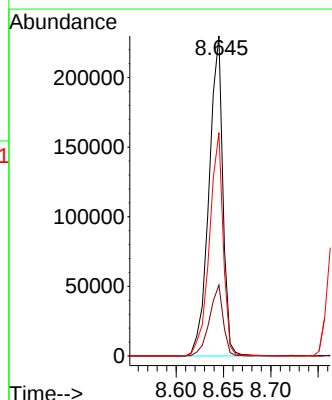
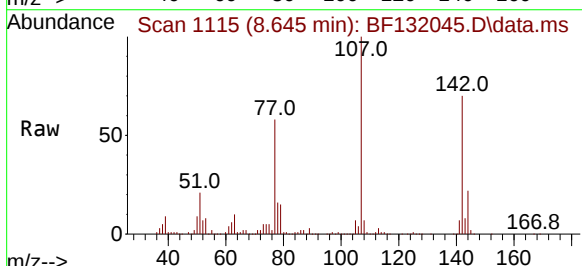
Tgt Ion:107 Resp: 234027

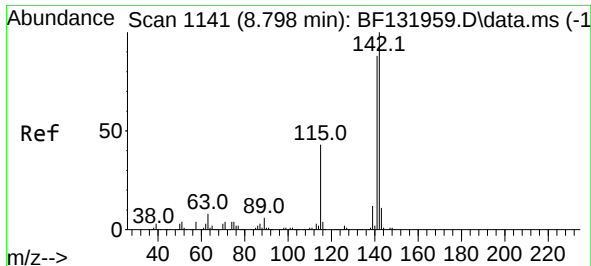
Ion Ratio Lower Upper

107 100

144 22.2 17.4 26.2

142 69.8 53.7 80.5





#37

2-Methylnaphthalene

Concen: 40.455 ng

RT: 8.780 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

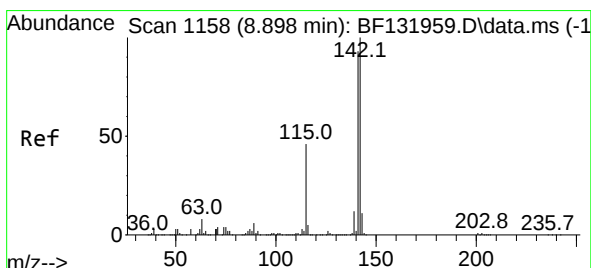
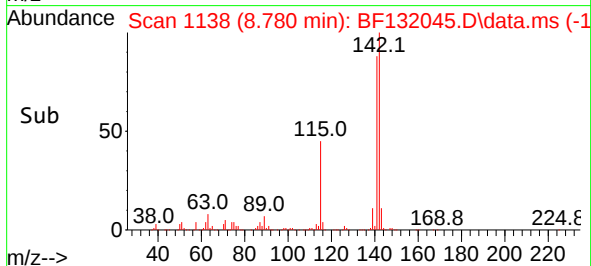
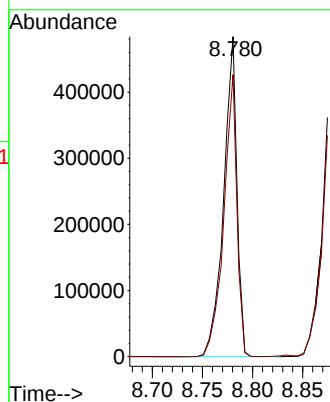
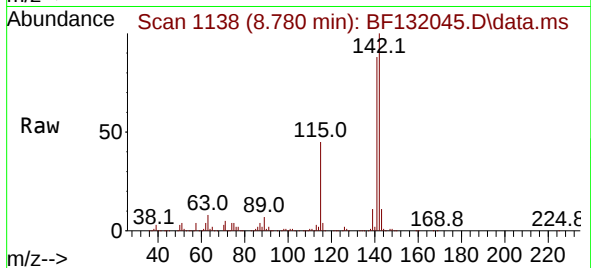
MH-2MS

Tgt Ion:142 Resp: 445341

Ion Ratio Lower Upper

142 100

141 88.1 70.6 106.0



#38

1-Methylnaphthalene

Concen: 40.188 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF132045.D

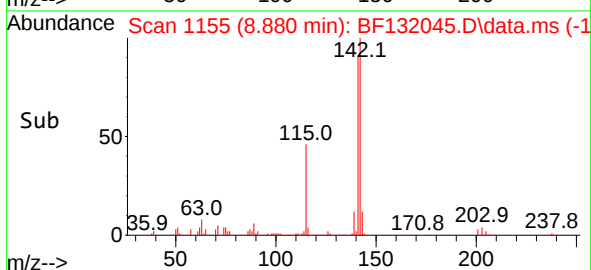
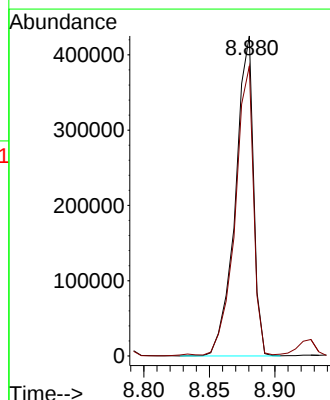
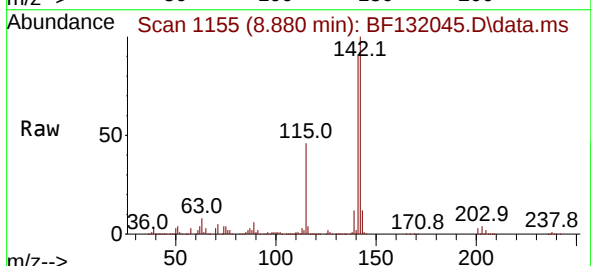
Acq: 12 Jan 2023 17:09

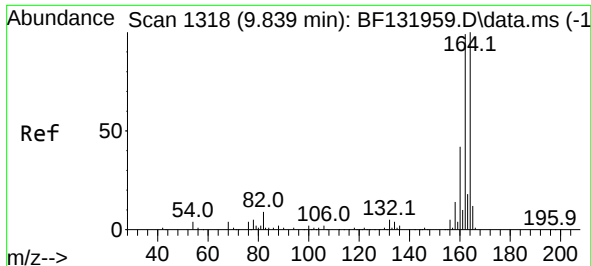
Tgt Ion:142 Resp: 409880

Ion Ratio Lower Upper

142 100

141 90.5 74.3 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

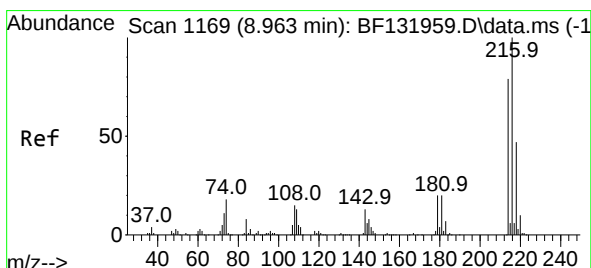
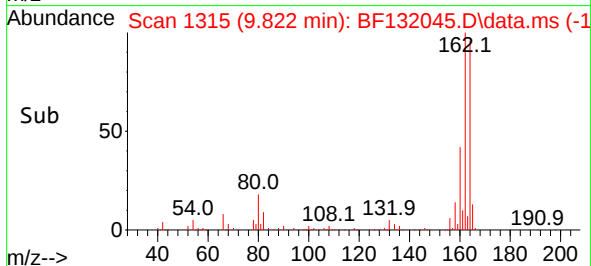
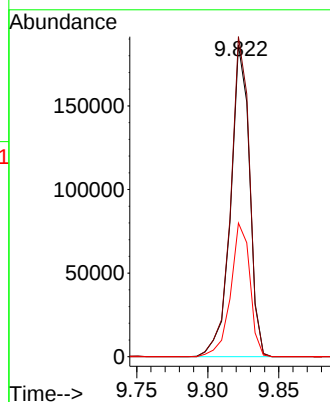
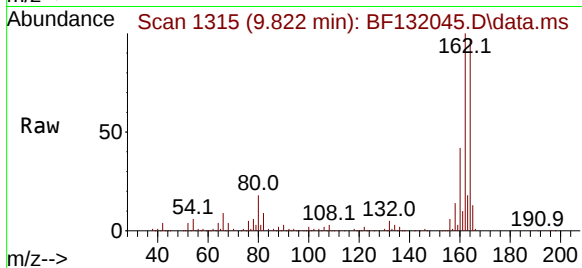
Tgt Ion:164 Resp: 171936

Ion Ratio Lower Upper

164 100

162 102.6 79.4 119.0

160 42.9 33.9 50.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.986 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Tgt Ion:216 Resp: 254377

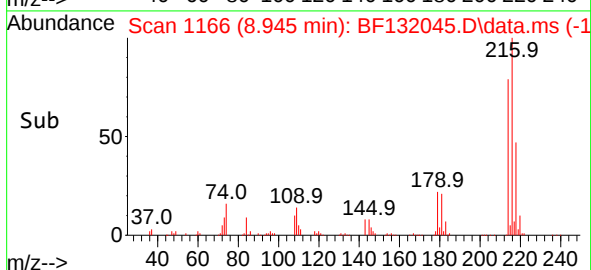
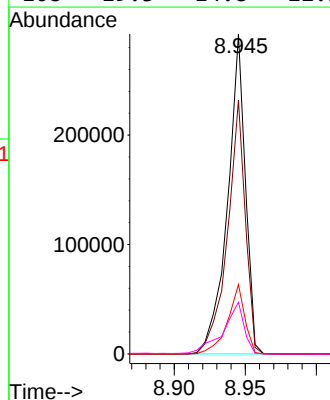
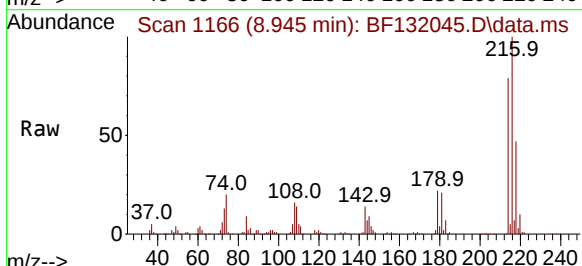
Ion Ratio Lower Upper

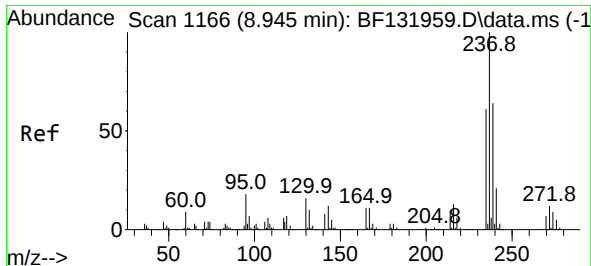
216 100

214 79.4 63.9 95.9

179 21.0 16.4 24.6

108 19.3 14.8 22.2

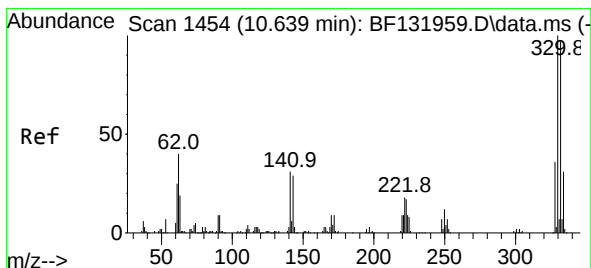
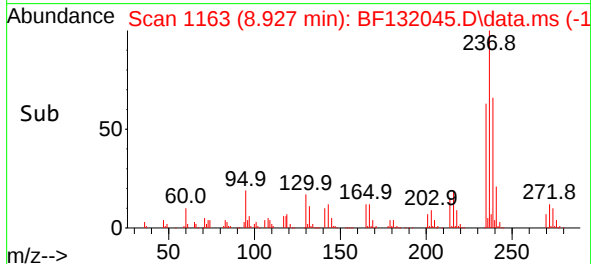
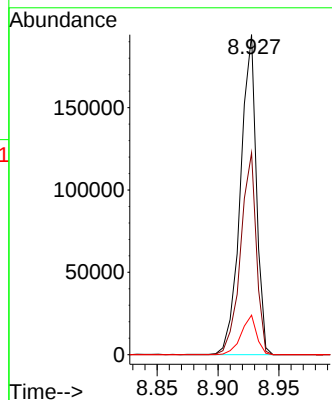
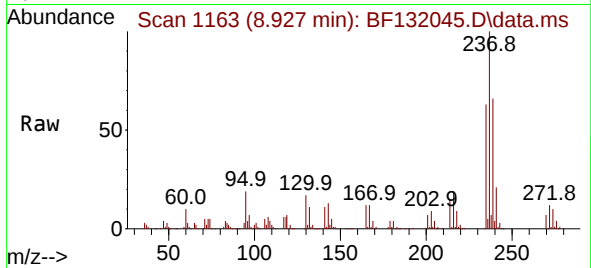




#41
Hexachlorocyclopentadiene
Concen: 61.067 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

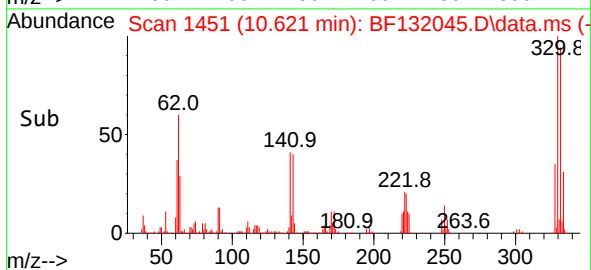
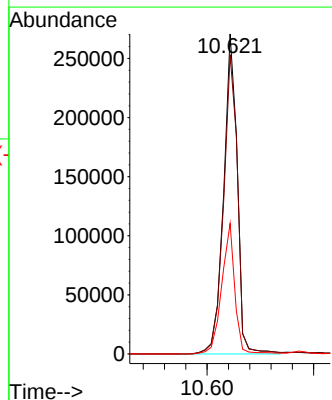
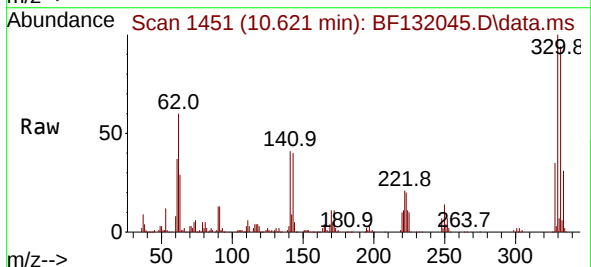
Instrument :
BNA_F
ClientSampleId :
MH-2MS

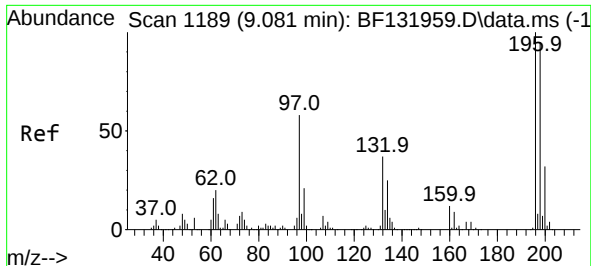
Tgt Ion:237 Resp: 177587
Ion Ratio Lower Upper
237 100
235 63.1 41.2 81.2
272 12.4 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 121.349 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:330 Resp: 239893
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 39.2 31.3 46.9

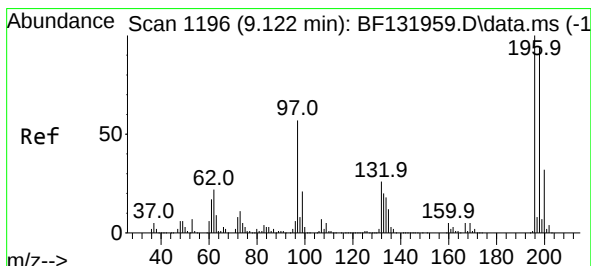
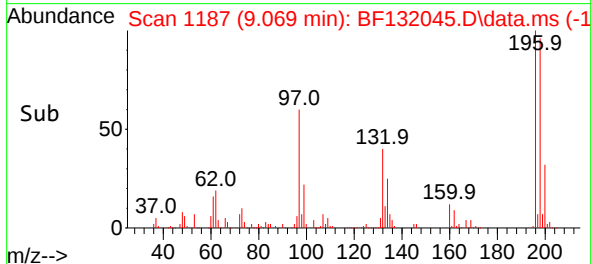
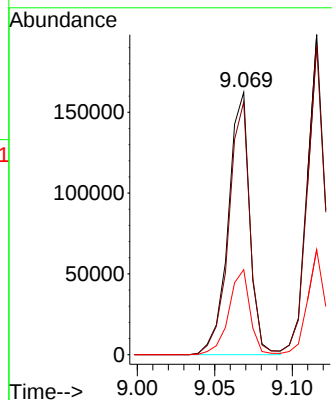
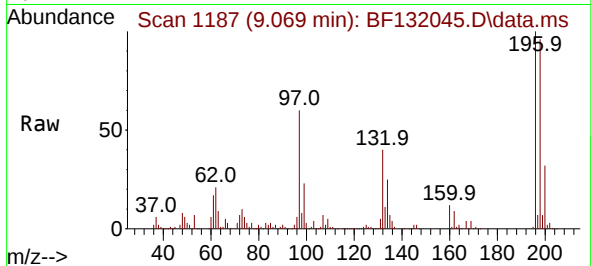




#43
2,4,6-Trichlorophenol
Concen: 43.069 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

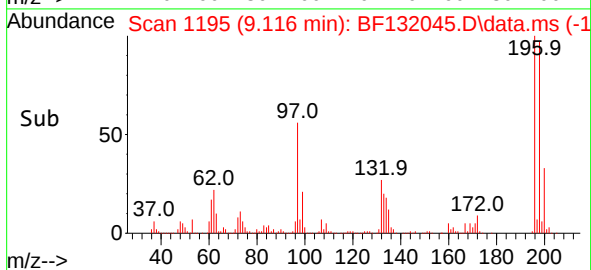
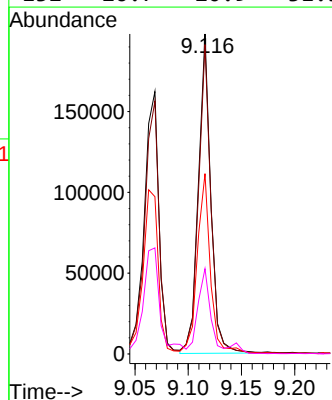
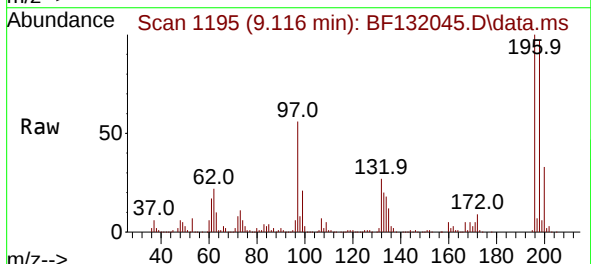
Instrument :
BNA_F
ClientSampleId :
MH-2MS

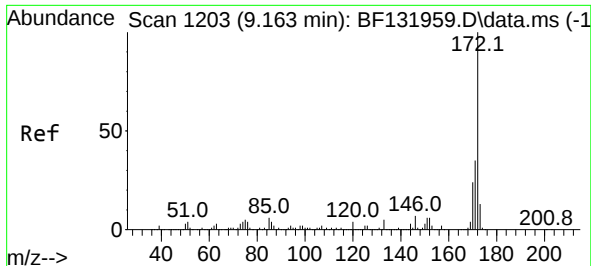
Tgt Ion:196 Resp: 157067
Ion Ratio Lower Upper
196 100
198 96.3 76.3 114.5
200 32.4 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 38.082 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:196 Resp: 161681
Ion Ratio Lower Upper
196 100
198 96.7 75.3 112.9
97 56.4 45.6 68.4
132 26.7 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 81.484 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

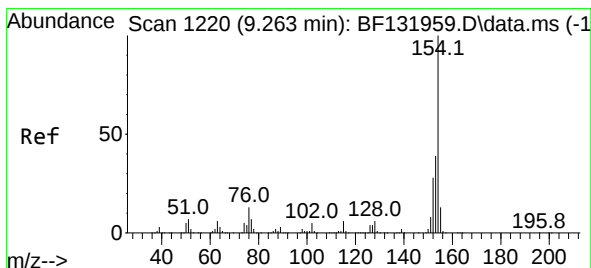
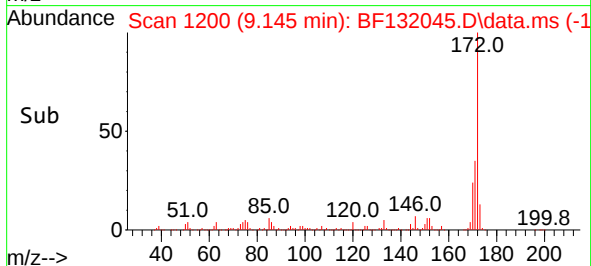
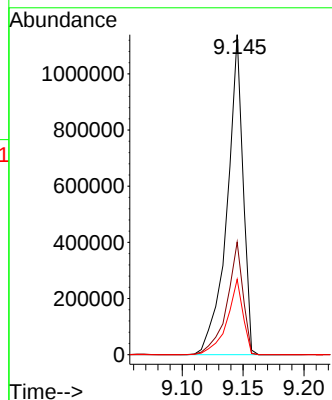
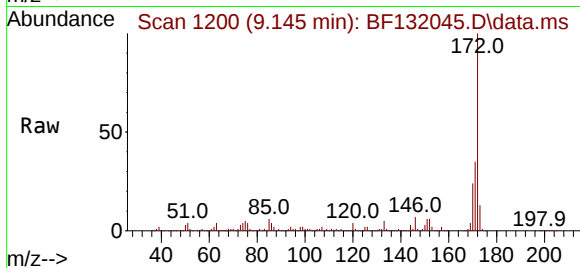
Tgt Ion:172 Resp: 1037809

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.191 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

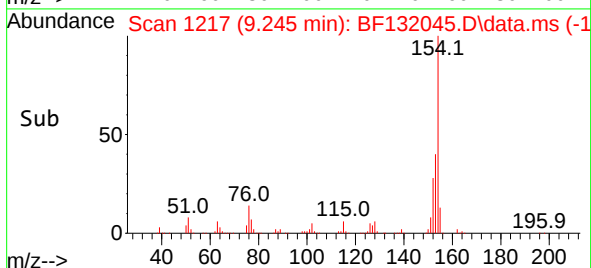
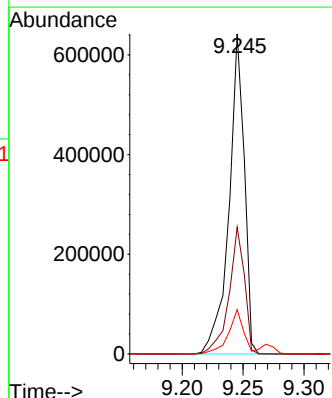
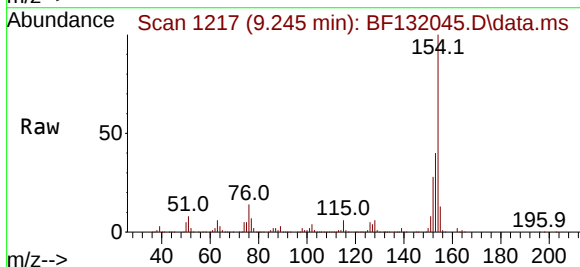
Tgt Ion:154 Resp: 559900

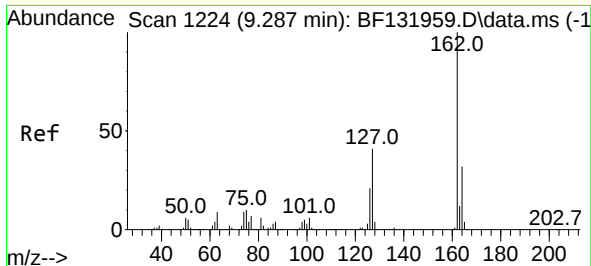
Ion Ratio Lower Upper

154 100

153 39.6 18.9 58.9

76 13.8 0.0 33.2

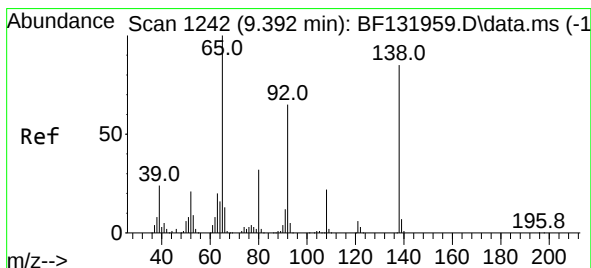
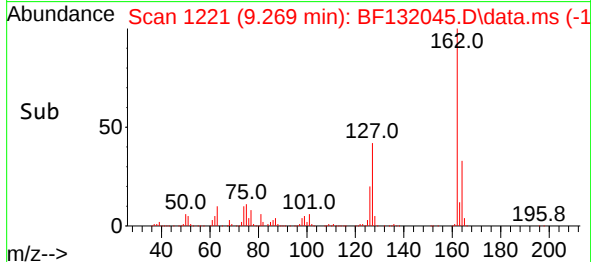
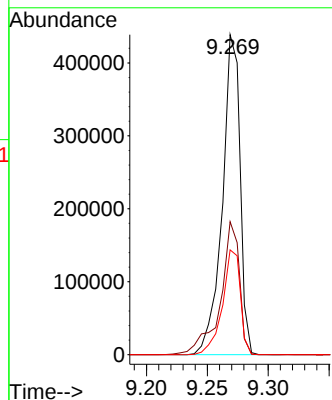
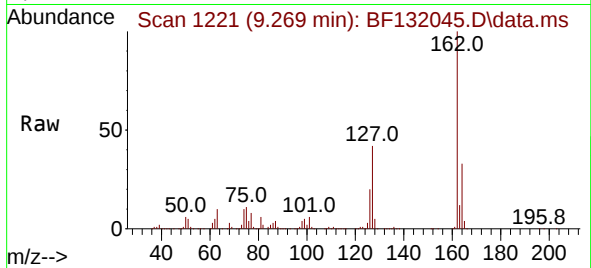




#47
2-Chloronaphthalene
Concen: 43.298 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

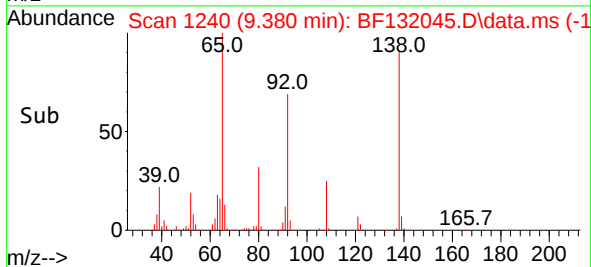
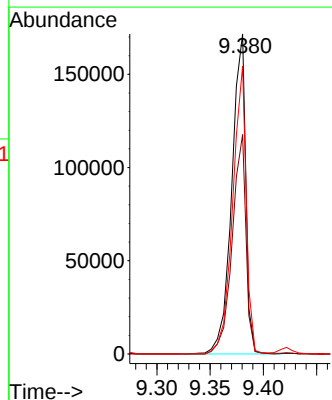
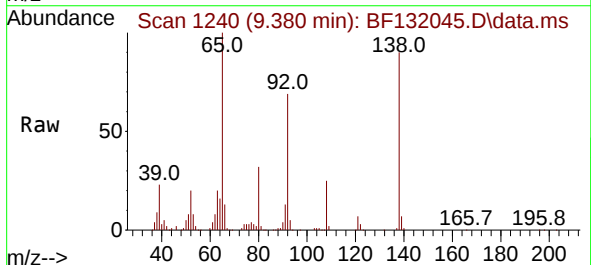
Instrument :
BNA_F
ClientSampleId :
MH-2MS

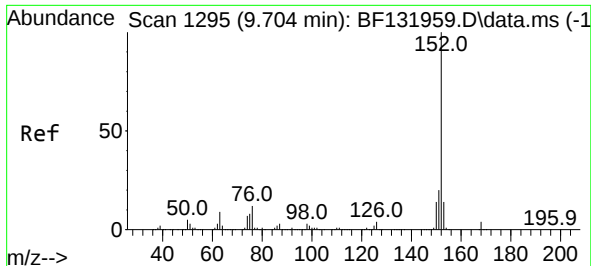
Tgt Ion:162 Resp: 445965
Ion Ratio Lower Upper
162 100
127 41.5 33.0 49.4
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 41.913 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion: 65 Resp: 156801
Ion Ratio Lower Upper
65 100
92 68.6 52.2 78.2
138 90.0 67.8 101.8

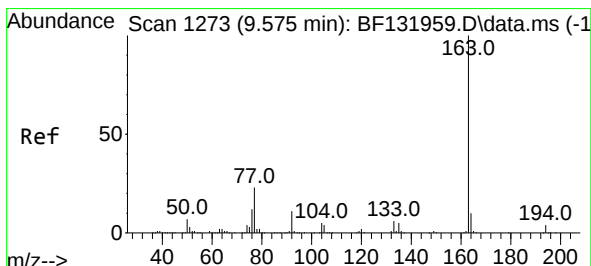
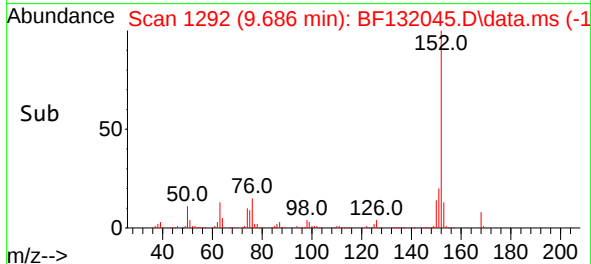
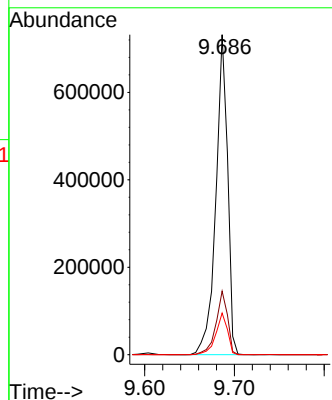
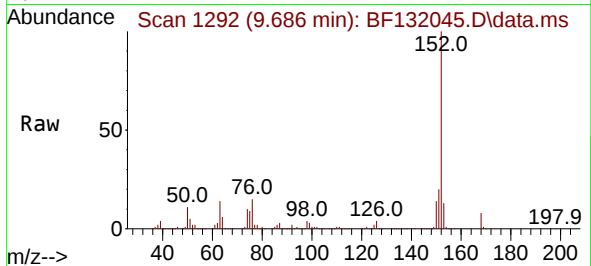




#49
Acenaphthylene
Concen: 41.590 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

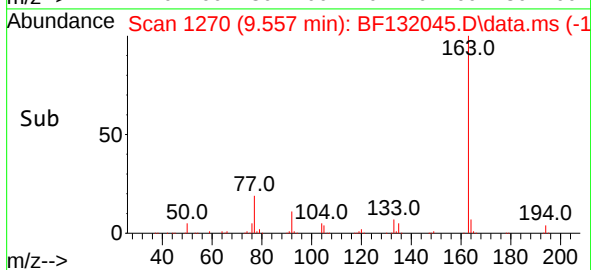
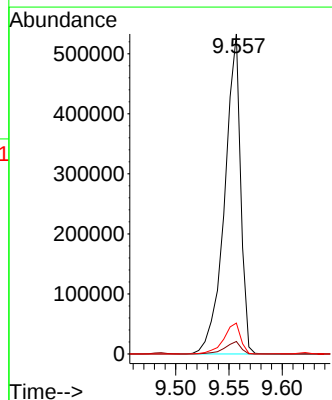
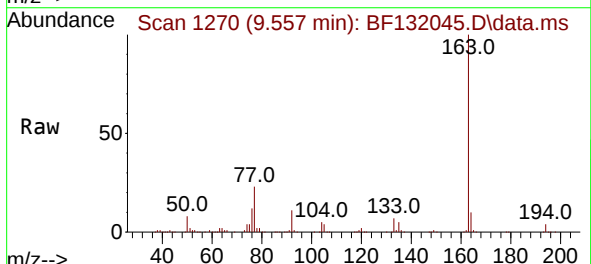
Instrument :
BNA_F
ClientSampleId :
MH-2MS

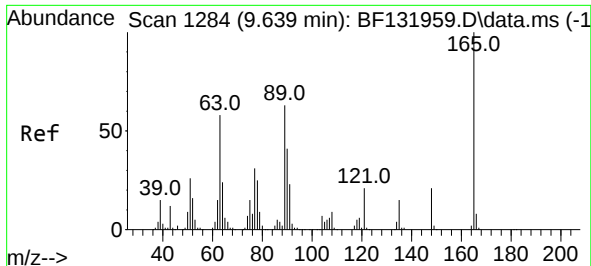
Tgt Ion:152 Resp: 664747
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 41.352 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:163 Resp: 554205
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.6 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 41.231 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

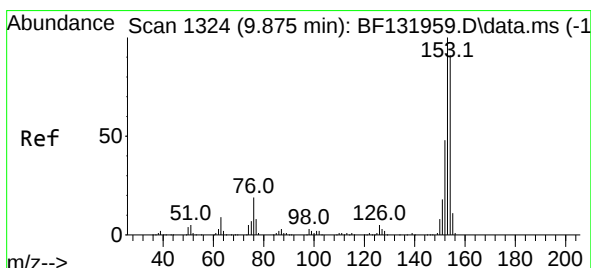
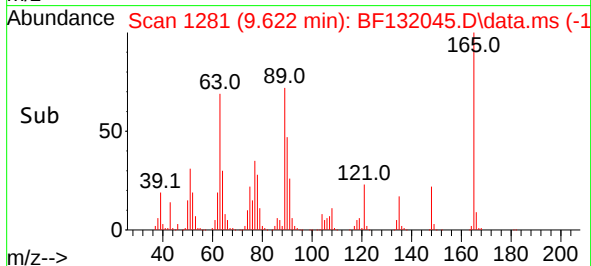
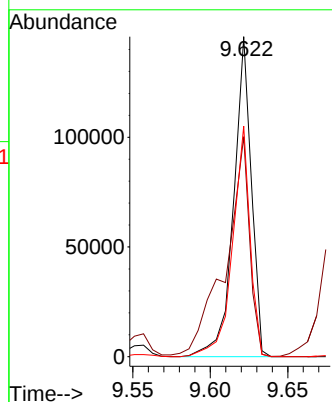
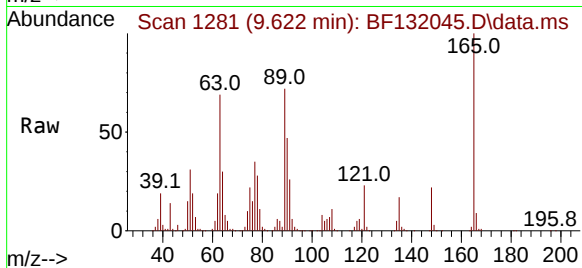
Tgt Ion:165 Resp: 116221

Ion Ratio Lower Upper

165 100

63 68.8 47.4 71.0

89 72.0 50.2 75.2



#52

Acenaphthene

Concen: 41.905 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

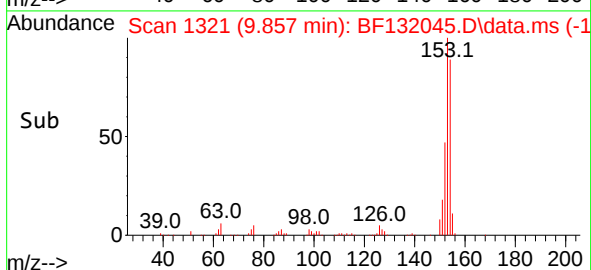
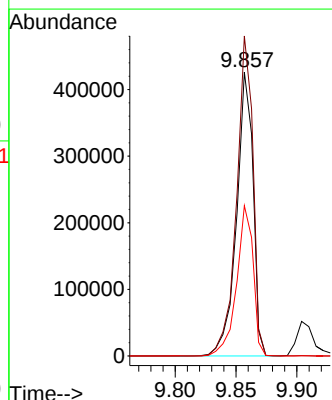
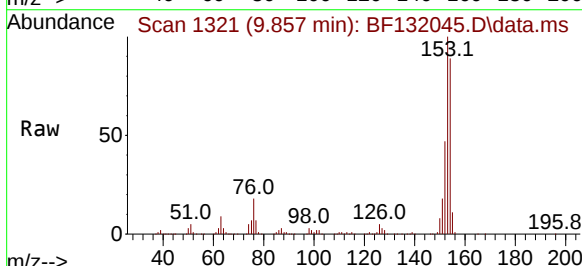
Tgt Ion:154 Resp: 402047

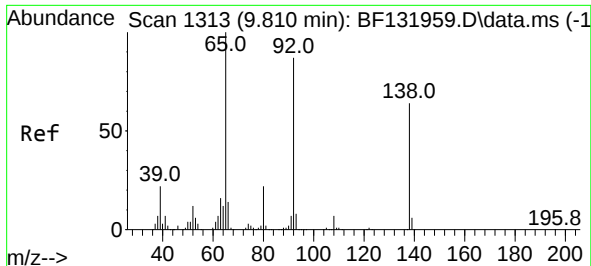
Ion Ratio Lower Upper

154 100

153 112.7 87.7 131.5

152 52.9 42.2 63.2

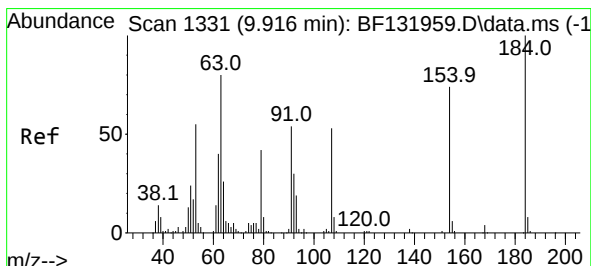
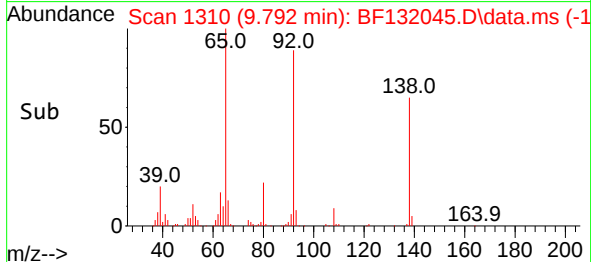
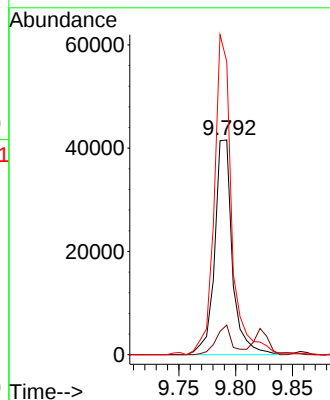
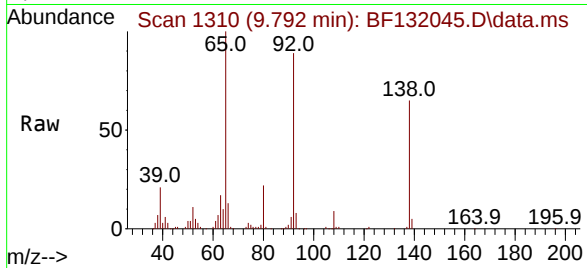




#53
3-Nitroaniline
Concen: 16.523 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

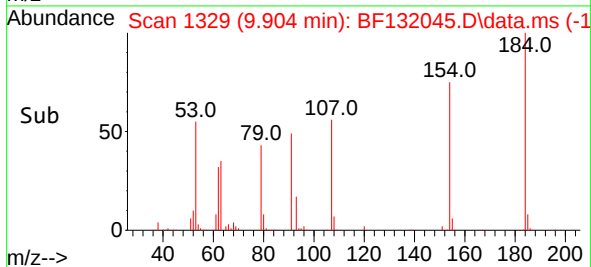
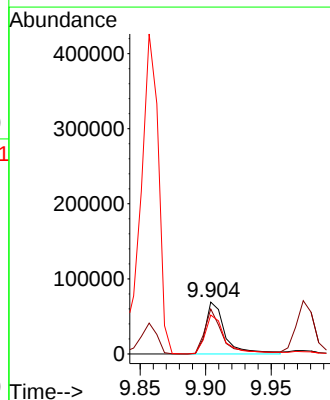
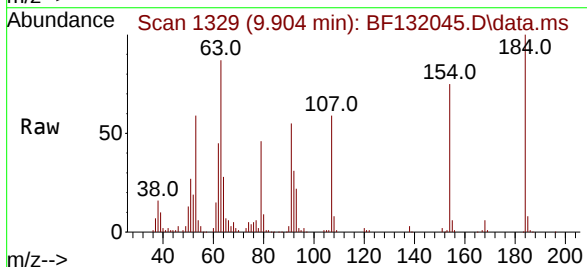
Instrument :
BNA_F
ClientSampleId :
MH-2MS

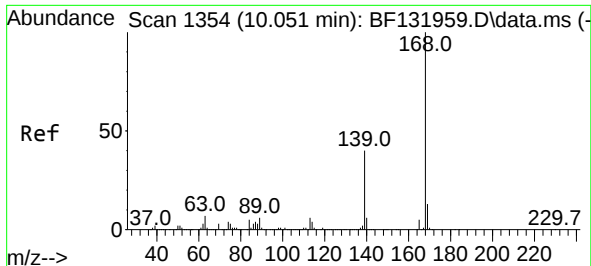
Tgt Ion:138 Resp: 45186
Ion Ratio Lower Upper
138 100
108 13.8 8.8 13.2#
92 136.5 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 50.429 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:184 Resp: 71372
Ion Ratio Lower Upper
184 100
63 86.6 63.7 95.5
154 75.1 60.1 90.1

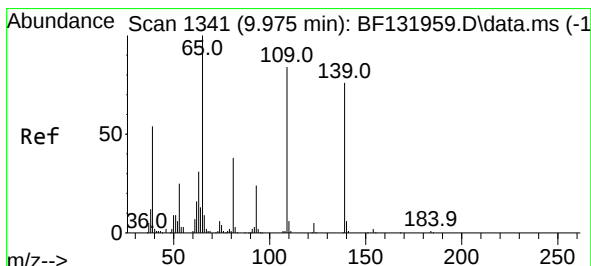
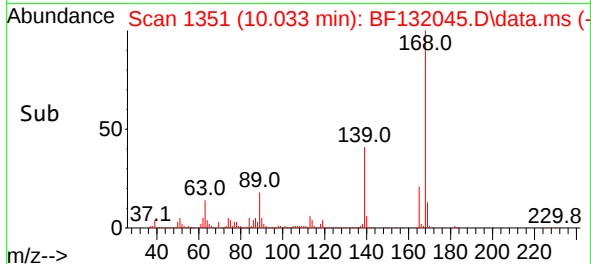
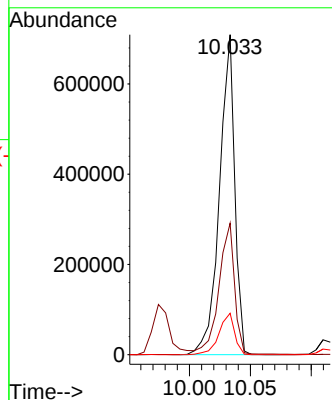
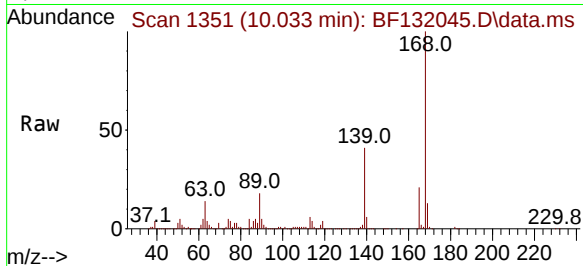




#55
Dibenzenofuran
Concen: 40.949 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

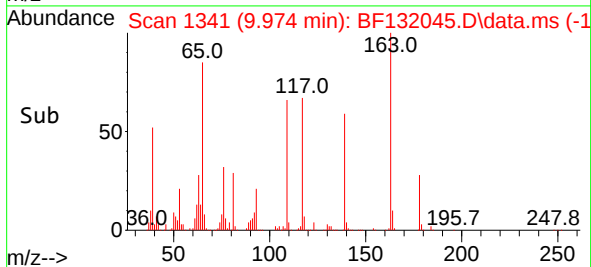
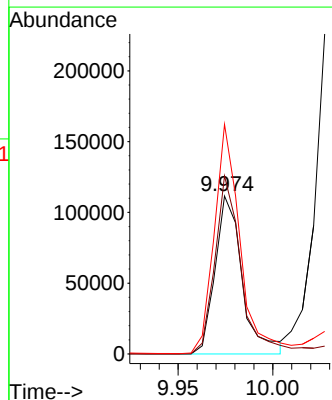
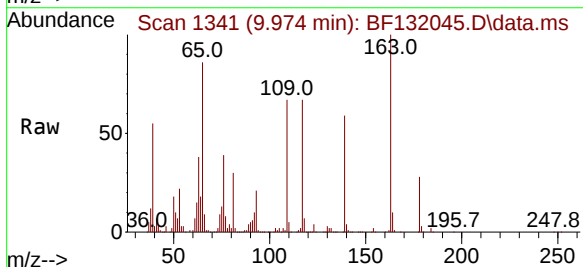
Instrument :
BNA_F
ClientSampleId :
MH-2MS

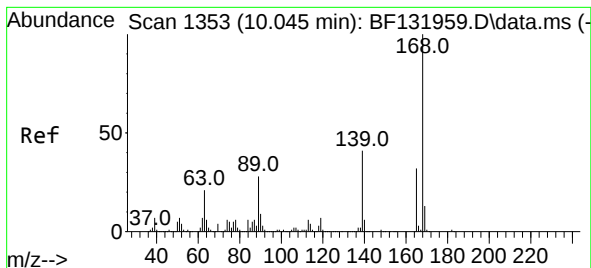
Tgt Ion:168 Resp: 619286
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 12.9 10.7 16.1



#56
4-Nitrophenol
Concen: 72.342 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:139 Resp: 111434
Ion Ratio Lower Upper
139 100
109 112.8 90.5 130.5
65 145.4 112.6 152.6

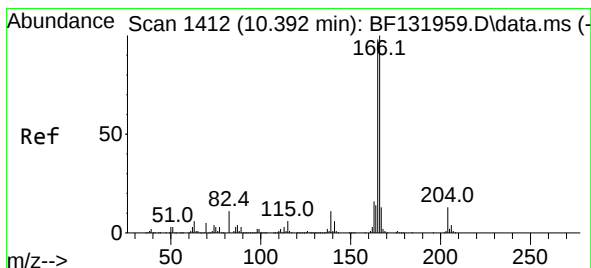
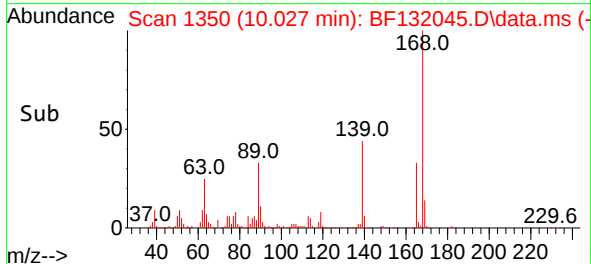
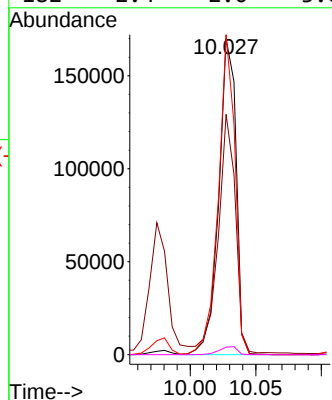
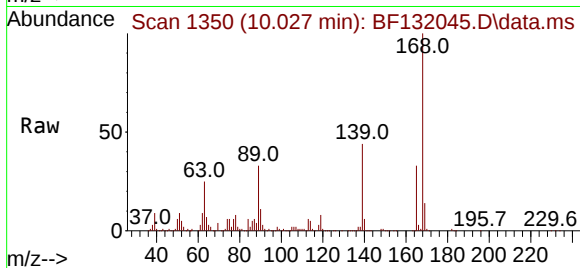




#57
2,4-Dinitrotoluene
Concen: 41.279 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

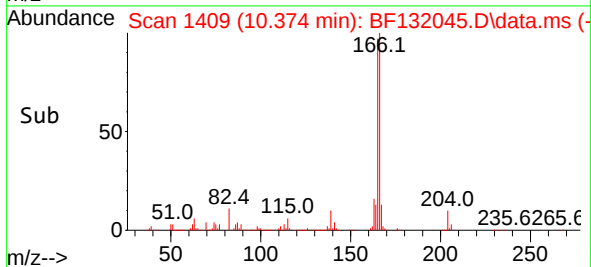
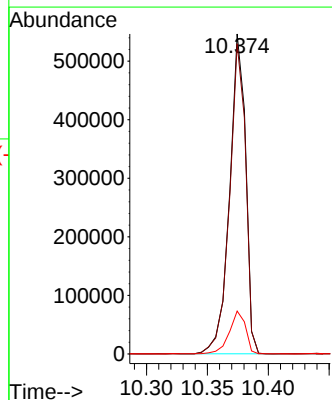
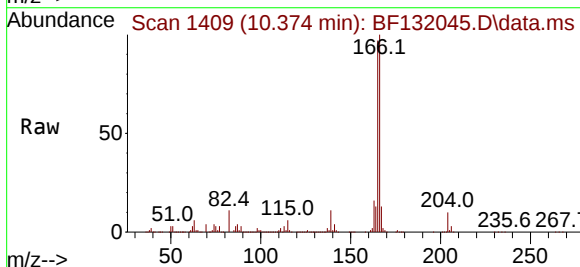
Instrument :
BNA_F
ClientSampleId :
MH-2MS

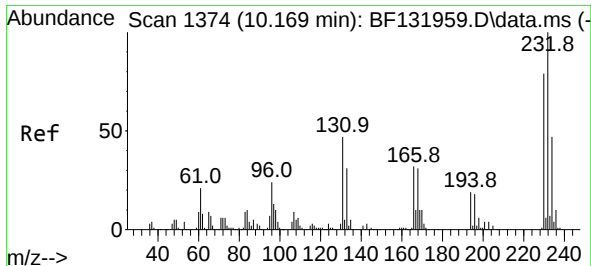
Tgt Ion:165 Resp: 155566
Ion Ratio Lower Upper
165 100
63 76.1 53.2 79.8
89 101.3 71.2 106.8
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.436 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:166 Resp: 500591
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 13.4 10.7 16.1

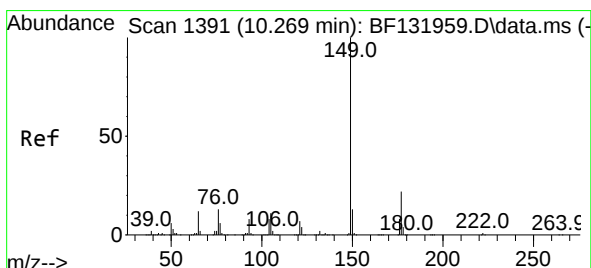
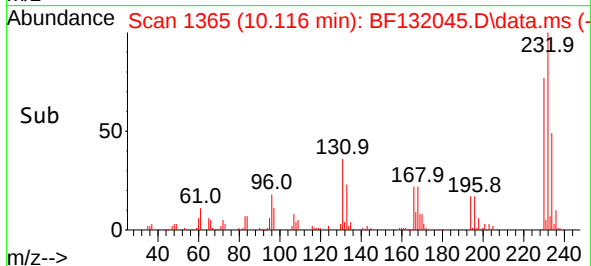
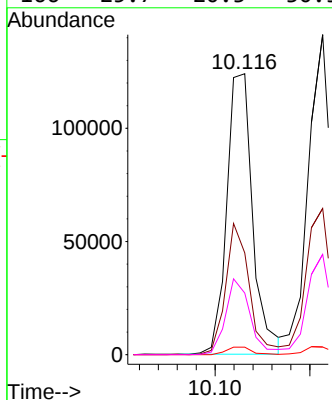
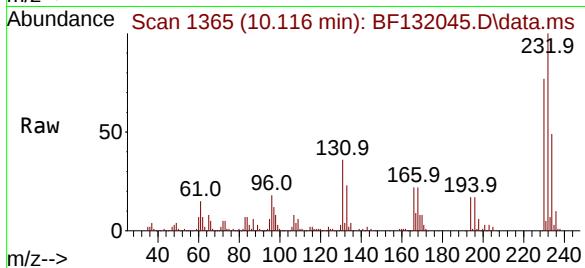




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.276 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

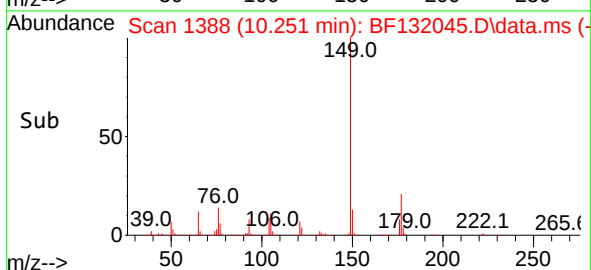
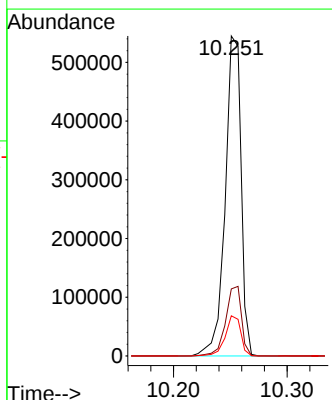
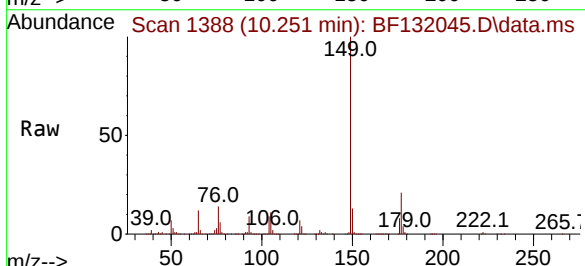
Instrument :
BNA_F
ClientSampleId :
MH-2MS

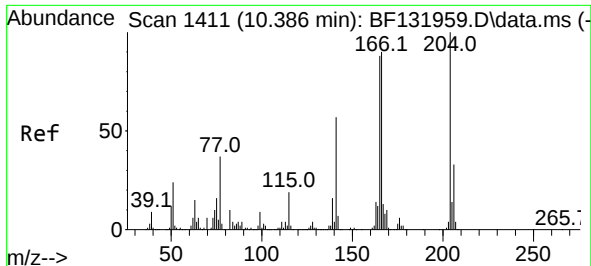
Tgt Ion:232 Resp: 117922
Ion Ratio Lower Upper
232 100
131 42.8 33.0 49.4
130 2.7 1.8 2.8
166 25.7 20.3 30.5



#60
Diethylphthalate
Concen: 40.257 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:149 Resp: 530529
Ion Ratio Lower Upper
149 100
177 21.0 17.7 26.5
150 12.5 10.2 15.2

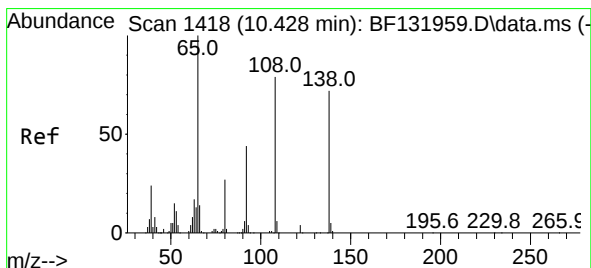
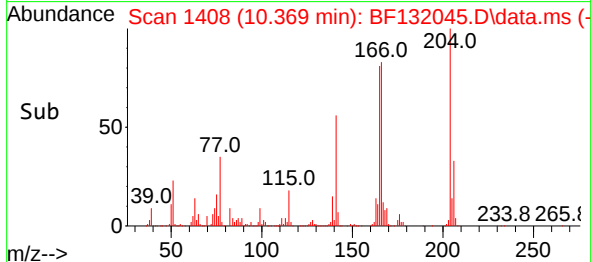
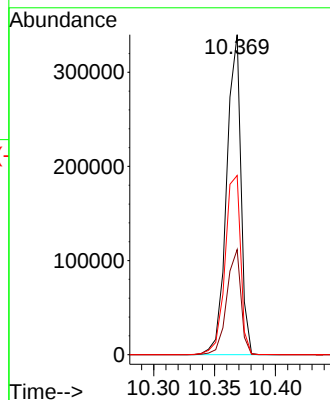
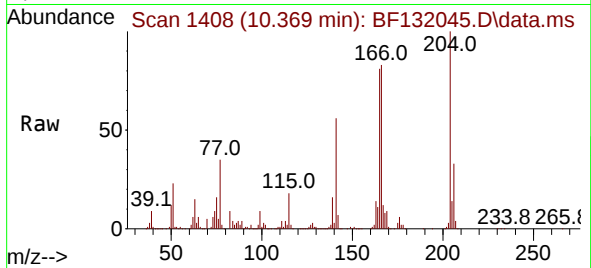




#61
4-Chlorophenyl-phenylether
Concen: 39.939 ng
RT: 10.369 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

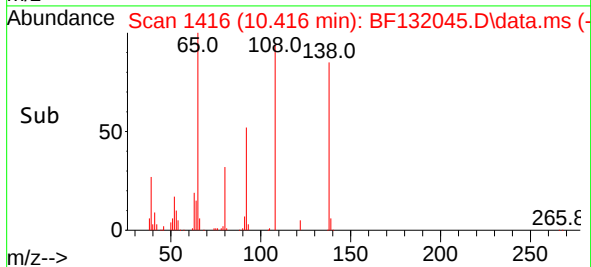
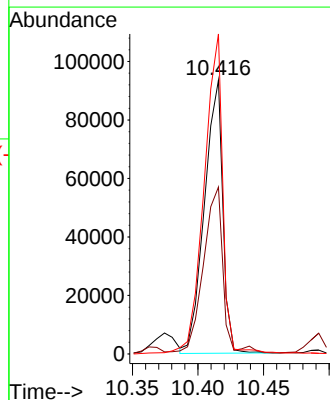
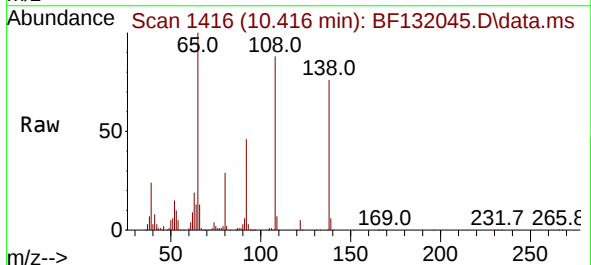
Instrument :
BNA_F
ClientSampleId :
MH-2MS

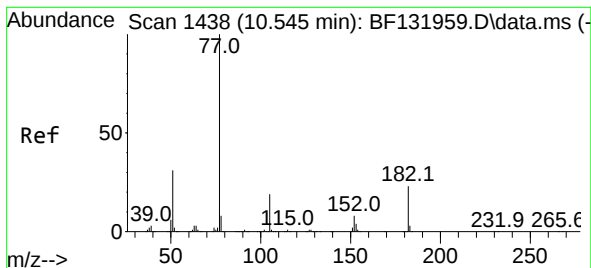
Tgt Ion:204 Resp: 276217
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 56.0 45.6 68.4



#62
4-Nitroaniline
Concen: 37.045 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:138 Resp: 91096
Ion Ratio Lower Upper
138 100
92 60.9 41.3 81.3
108 116.9 89.8 129.8





#63

Azobenzene

Concen: 40.488 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

Tgt Ion: 77 Resp: 566018

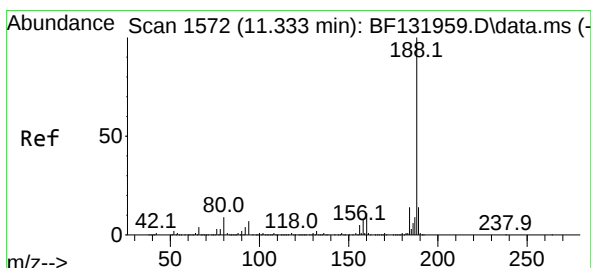
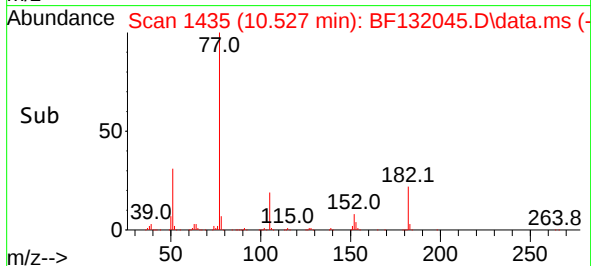
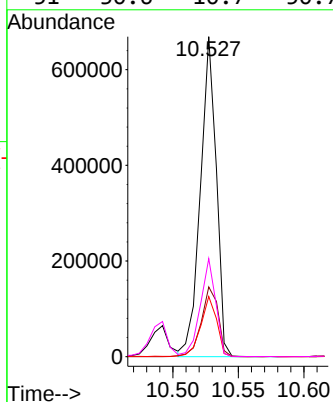
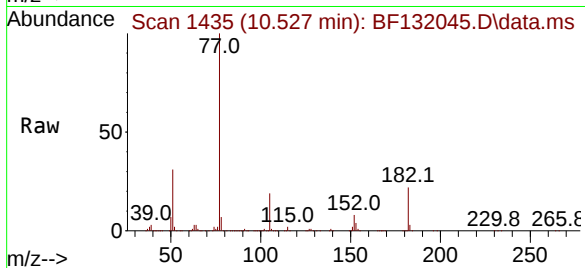
Ion Ratio Lower Upper

77 100

182 21.8 2.9 42.9

105 18.8 0.0 39.3

51 30.6 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: BF132045.D

Acq: 12 Jan 2023 17:09

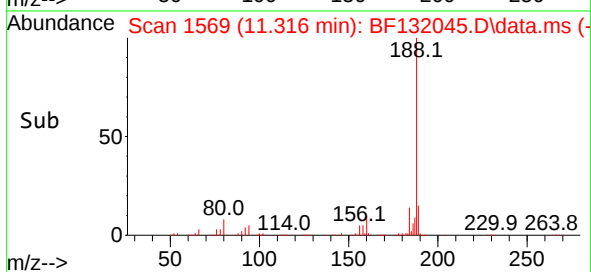
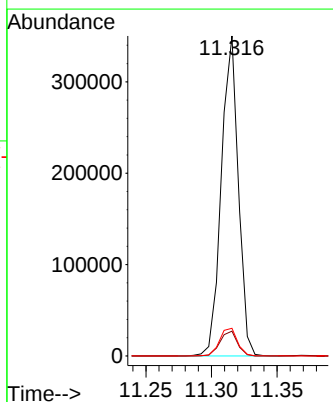
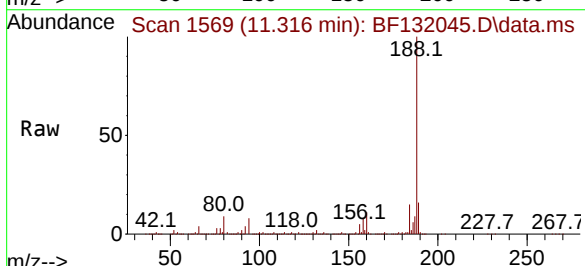
Tgt Ion: 188 Resp: 314938

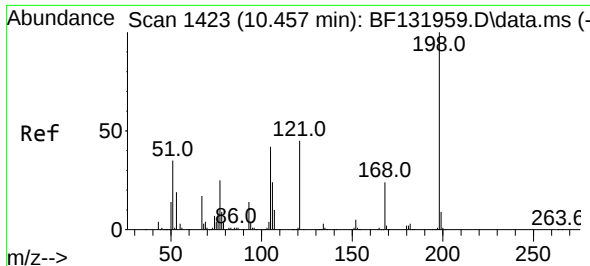
Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

80 8.7 7.4 11.0

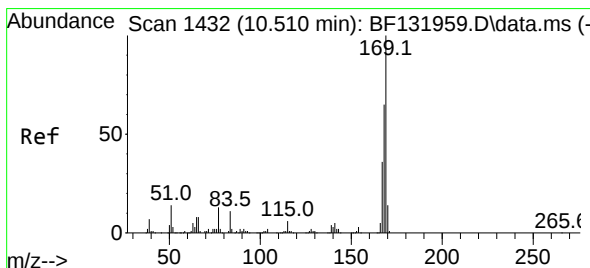
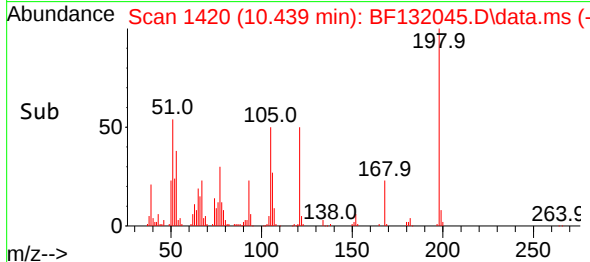
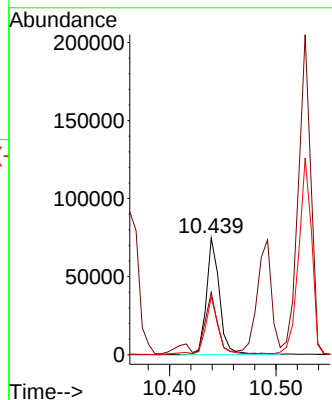
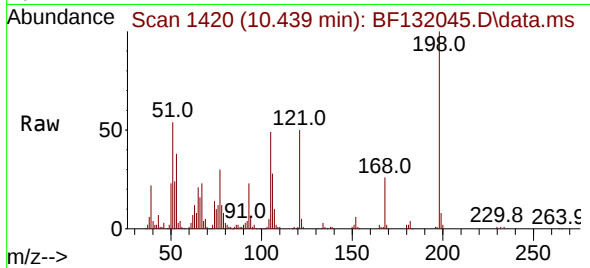




#65
4,6-Dinitro-2-methylphenol
Concen: 31.458 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

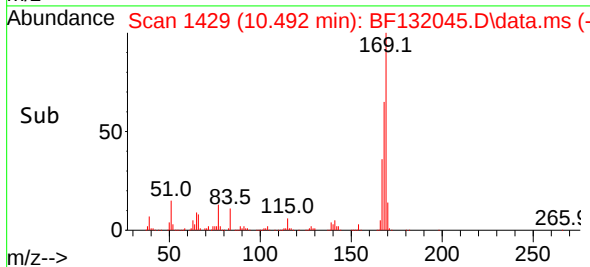
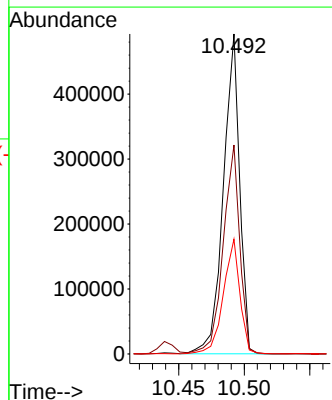
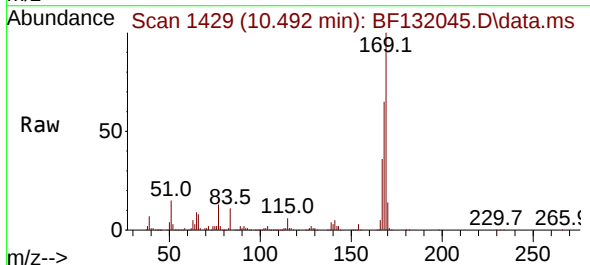
Instrument :
BNA_F
ClientSampleId :
MH-2MS

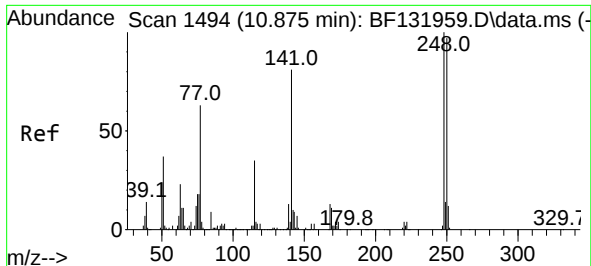
Tgt Ion:198 Resp: 63891
Ion Ratio Lower Upper
198 100
51 53.5 21.4 61.4
105 49.3 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.927 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:169 Resp: 424146
Ion Ratio Lower Upper
169 100
168 65.3 52.5 78.7
167 35.8 28.6 43.0

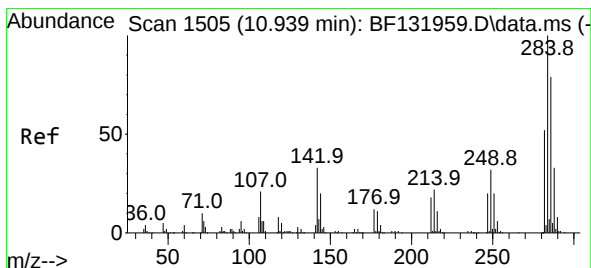
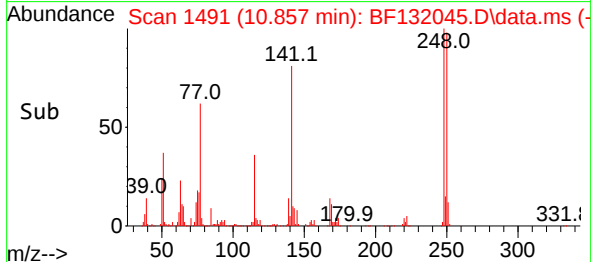
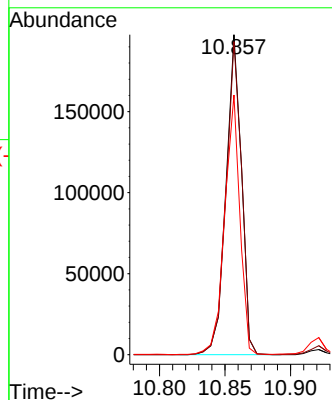
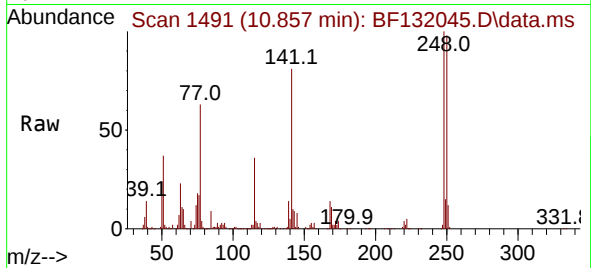




#67
4-Bromophenyl-phenylether
Concen: 41.075 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

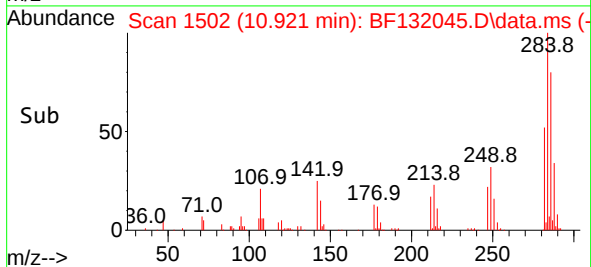
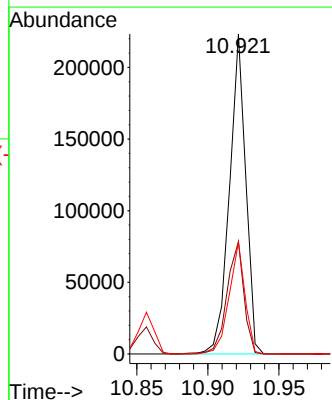
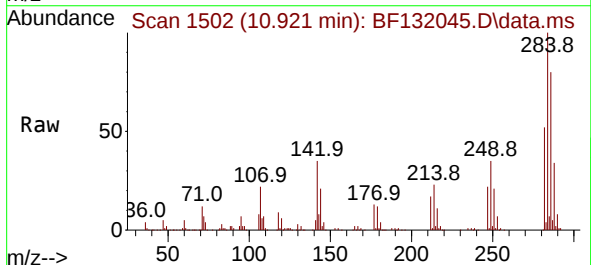
Instrument :
BNA_F
ClientSampleId :
MH-2MS

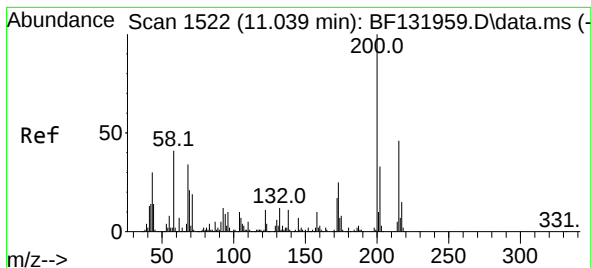
Tgt Ion:248 Resp: 161828
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 81.1 65.0 97.6



#68
Hexachlorobenzene
Concen: 44.735 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:284 Resp: 178288
Ion Ratio Lower Upper
284 100
142 35.1 26.4 39.6
249 35.0 25.4 38.2





#69

Atrazine

Concen: 43.987 ng

RT: 11.021 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

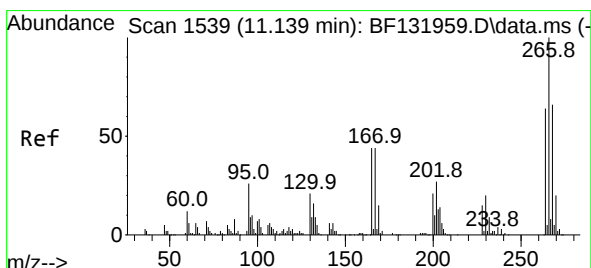
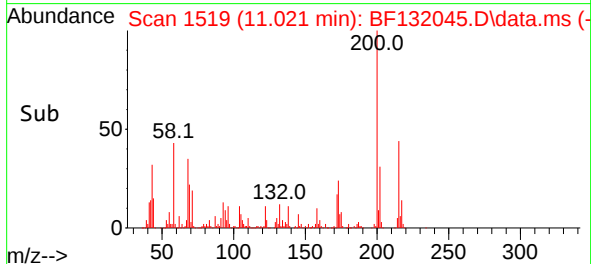
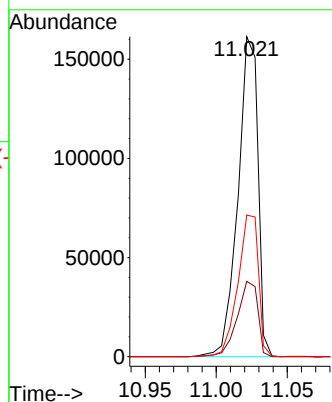
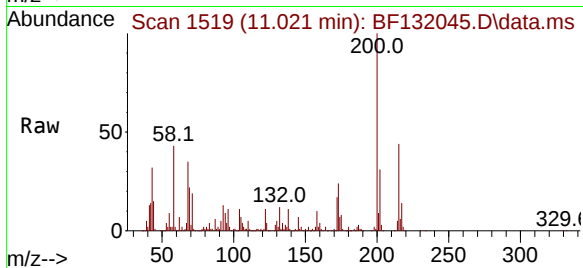
Tgt Ion:200 Resp: 158050

Ion Ratio Lower Upper

200 100

173 23.6 5.1 45.1

215 44.2 25.6 65.6



#70

Pentachlorophenol

Concen: 65.187 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

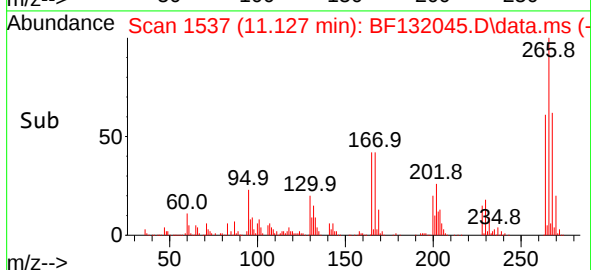
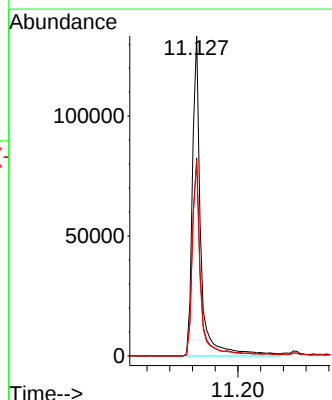
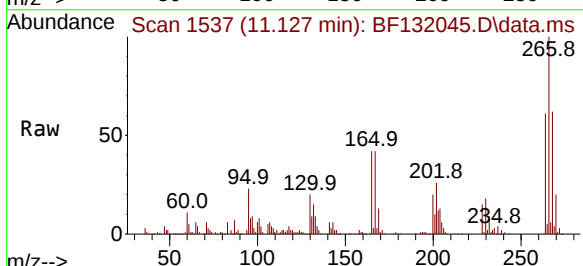
Tgt Ion:266 Resp: 136730

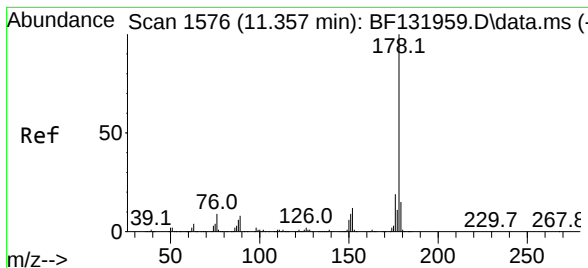
Ion Ratio Lower Upper

266 100

268 61.8 52.7 79.1

264 60.9 51.6 77.4





#71

Phenanthrene

Concen: 42.420 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

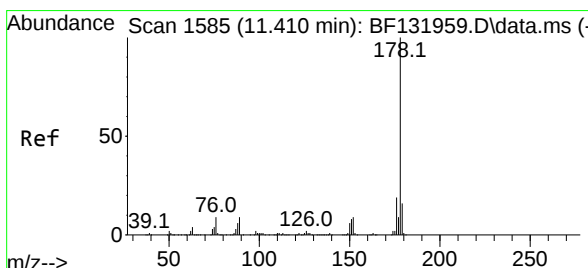
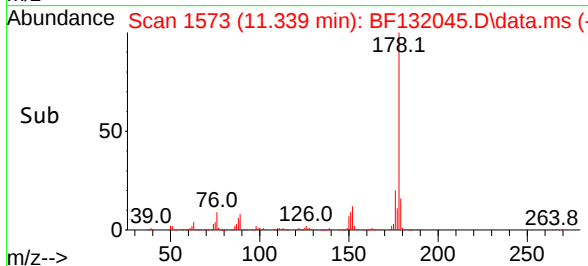
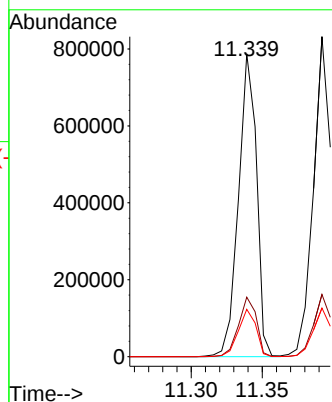
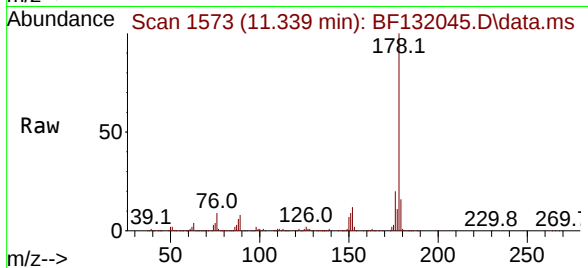
Tgt Ion:178 Resp: 696450

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 42.263 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

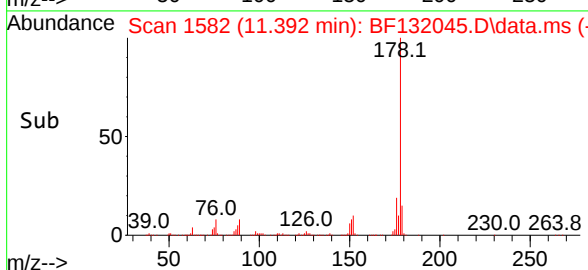
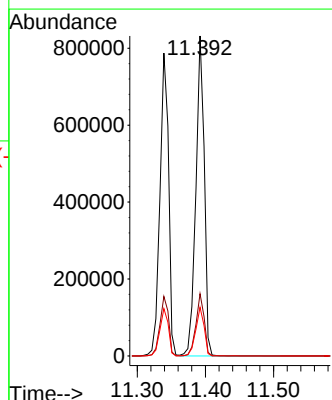
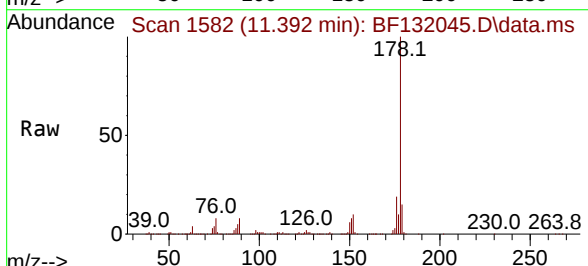
Tgt Ion:178 Resp: 714308

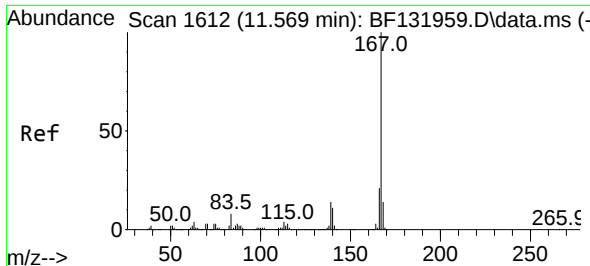
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.2 12.6 19.0

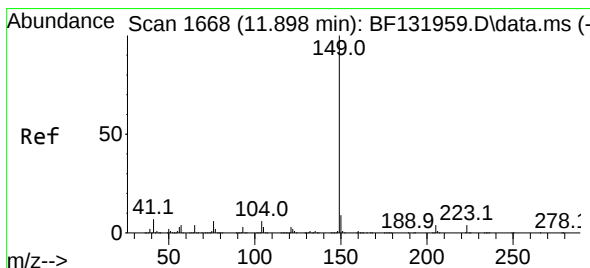
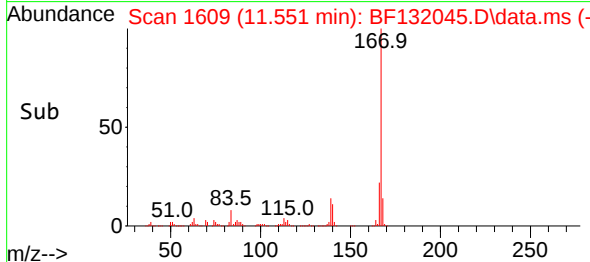
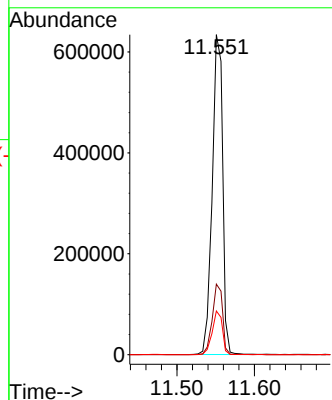
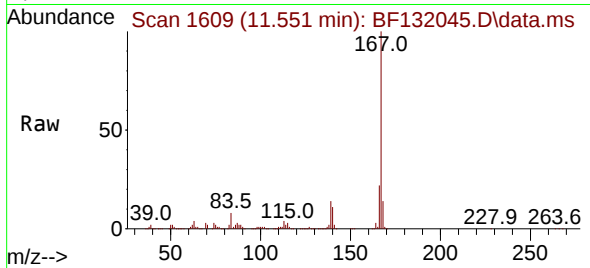




#73
 Carbazole
 Concen: 42.385 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

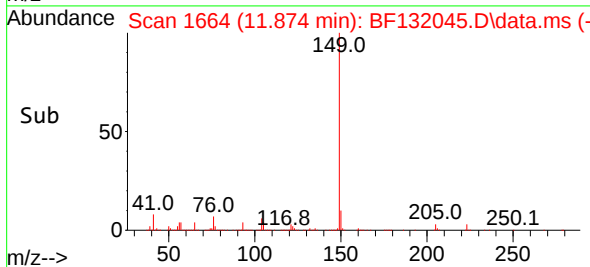
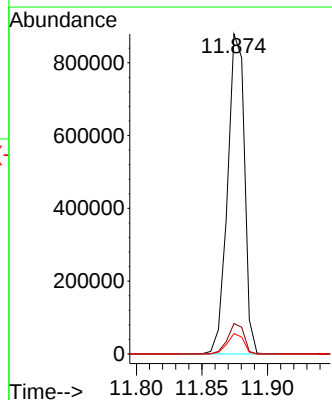
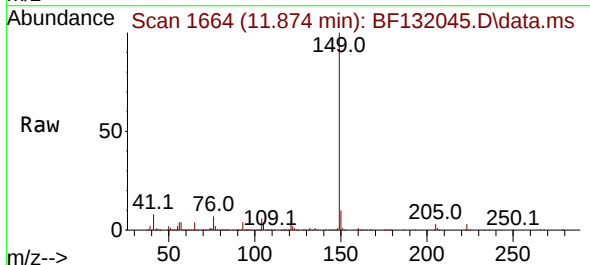
Instrument :
 BNA_F
 ClientSampleId :
 MH-2MS

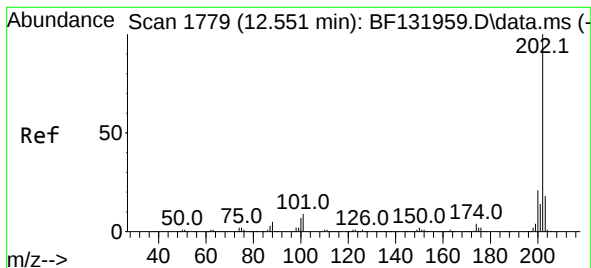
Tgt Ion:167 Resp: 593080
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.8 25.2
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

Tgt Ion:149 Resp: 787888
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 37.778 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

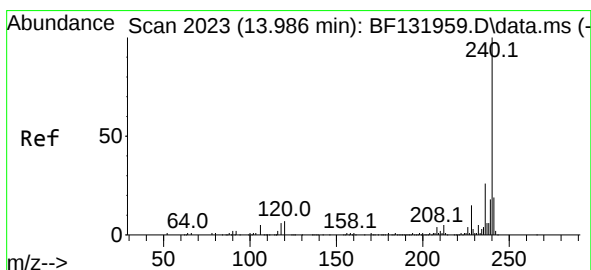
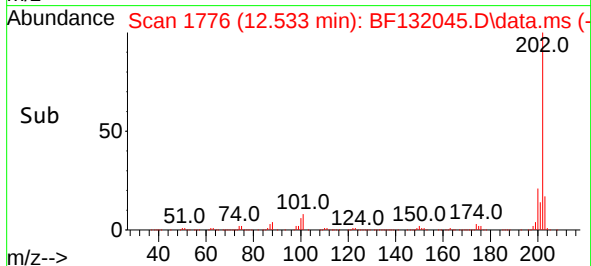
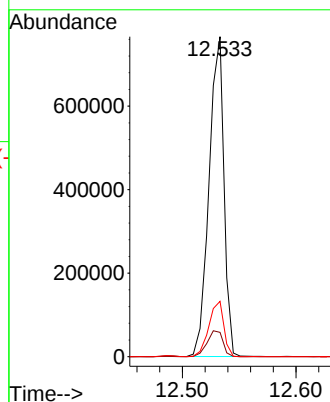
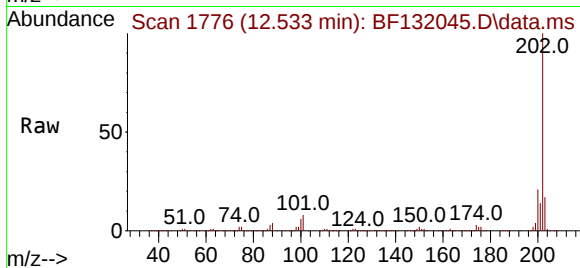
Tgt Ion:202 Resp: 697543

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.8

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

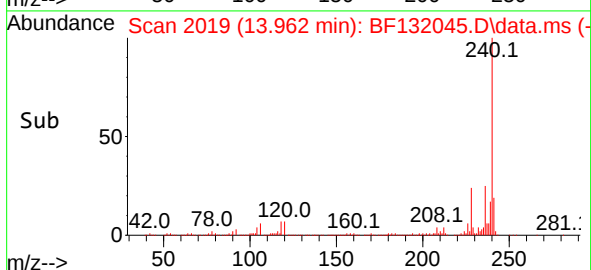
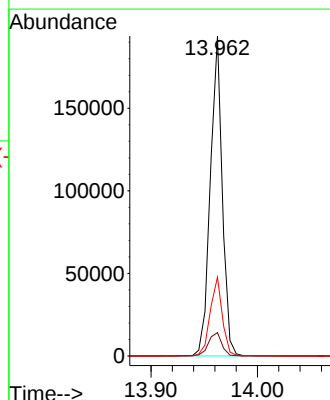
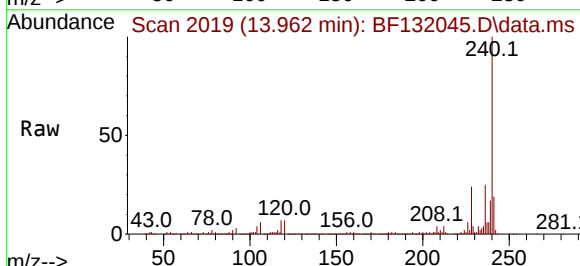
Tgt Ion:240 Resp: 151811

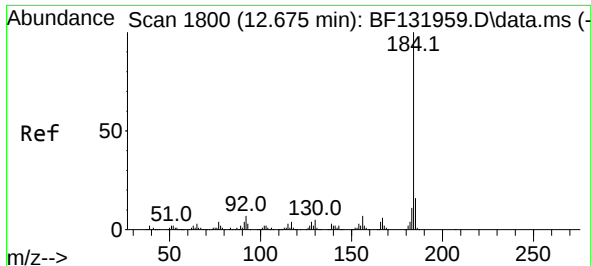
Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.0

236 24.7 21.1 31.7

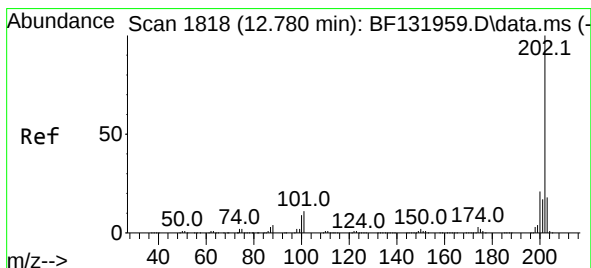
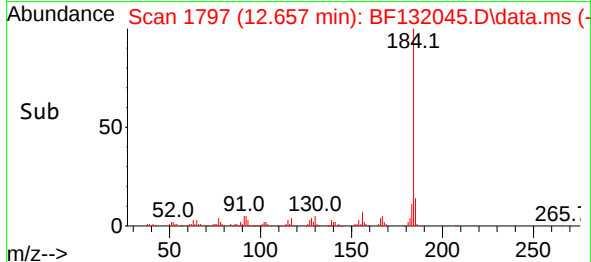
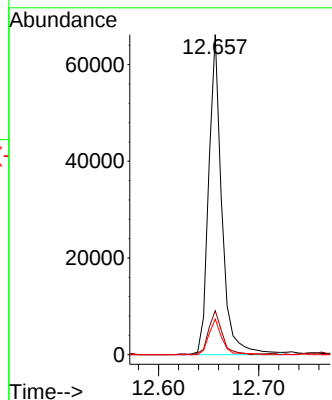
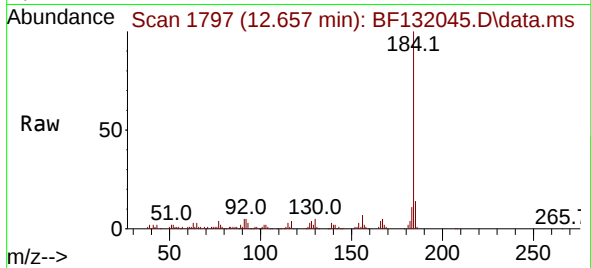




#77
Benzidine
Concen: 11.977 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

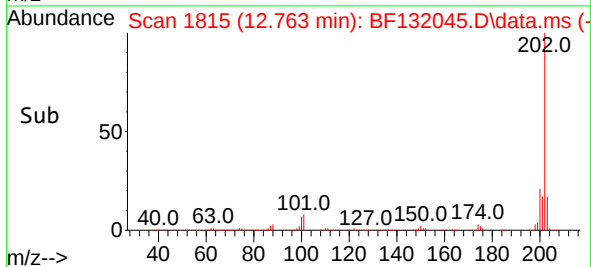
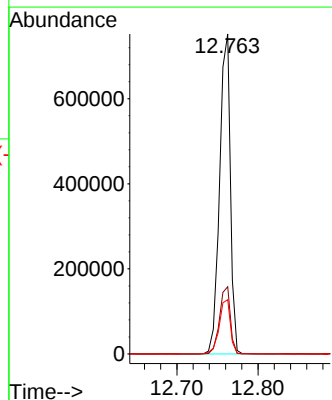
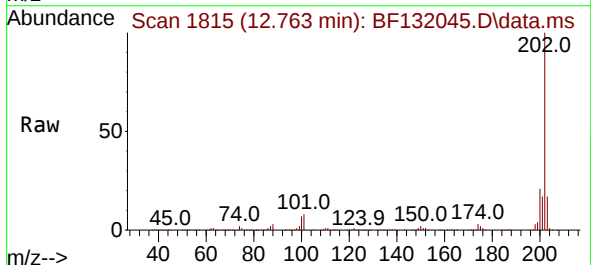
Instrument :
BNA_F
ClientSampleId :
MH-2MS

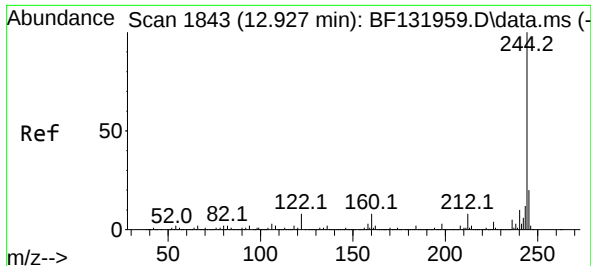
Tgt Ion:184 Resp: 60405
Ion Ratio Lower Upper
184 100
185 13.8 12.8 19.2
183 11.2 9.0 13.4



#78
Pyrene
Concen: 50.116 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:202 Resp: 693916
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 16.9 14.1 21.1

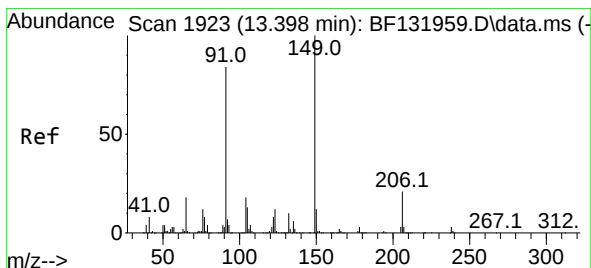
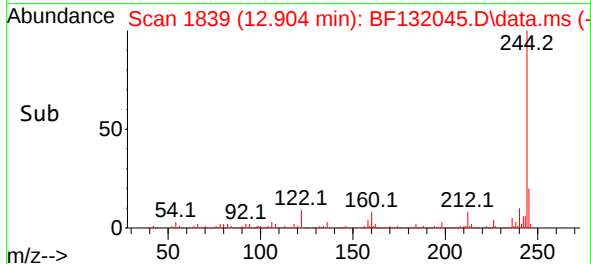
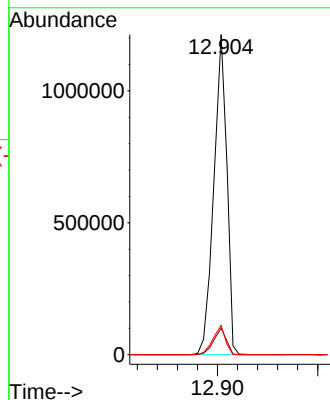
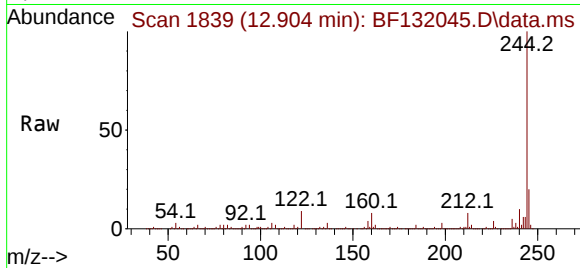




#79
 Terphenyl-d14
 Concen: 103.253 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

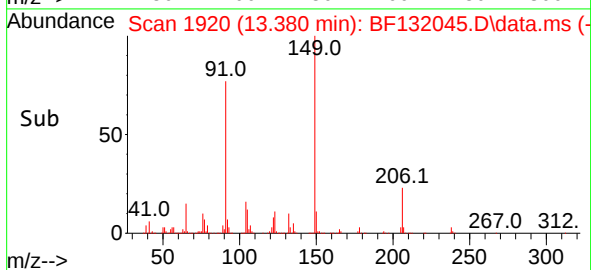
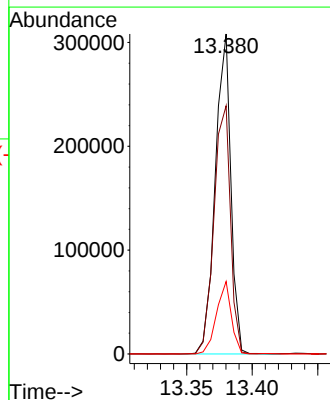
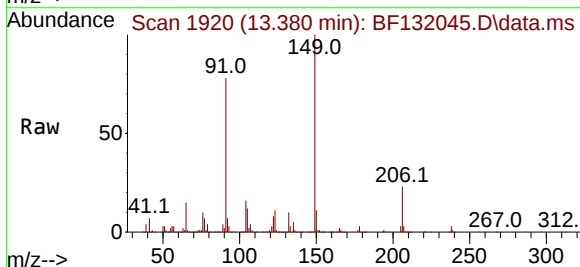
Instrument :
 BNA_F
 ClientSampleId :
 MH-2MS

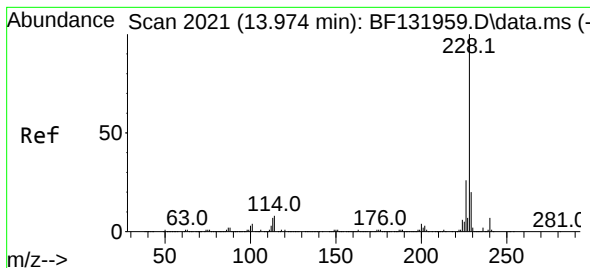
Tgt Ion:244 Resp: 1093649
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.1 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 45.464 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

Tgt Ion:149 Resp: 254095
 Ion Ratio Lower Upper
 149 100
 91 77.6 67.0 100.4
 206 22.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.970 ng

RT: 13.951 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

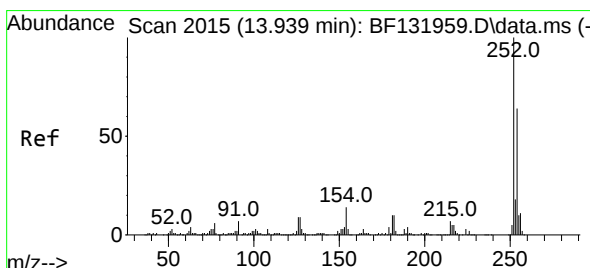
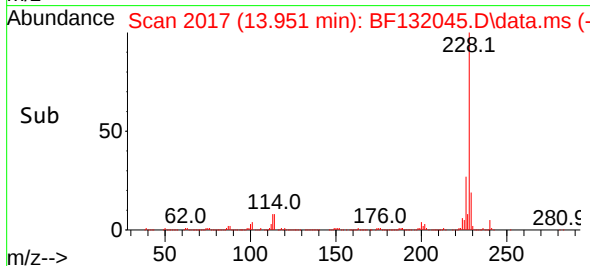
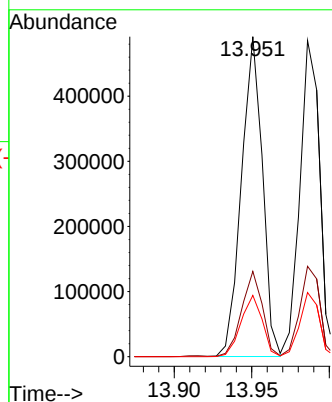
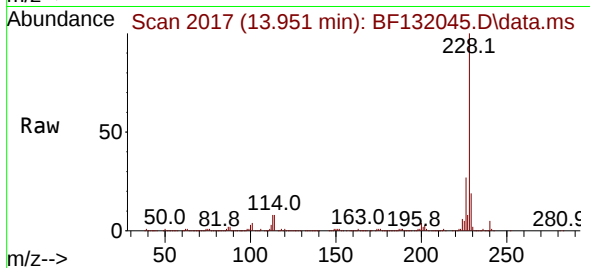
Tgt Ion:228 Resp: 463545

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

229 19.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 17.048 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

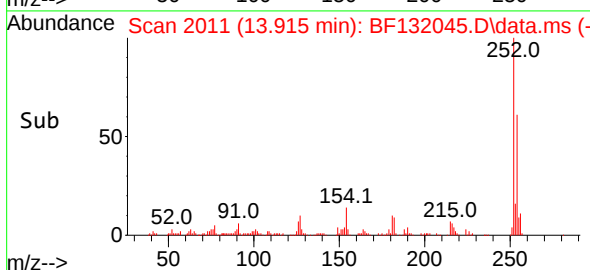
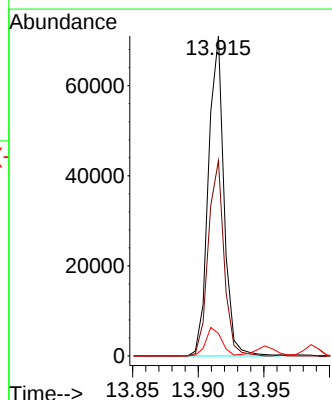
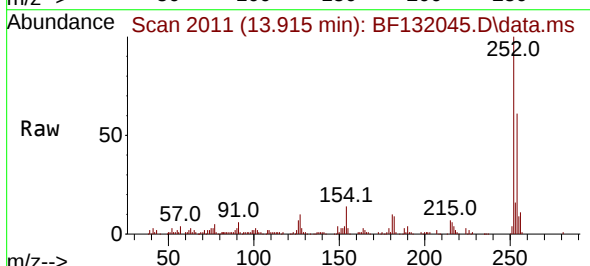
Tgt Ion:252 Resp: 58765

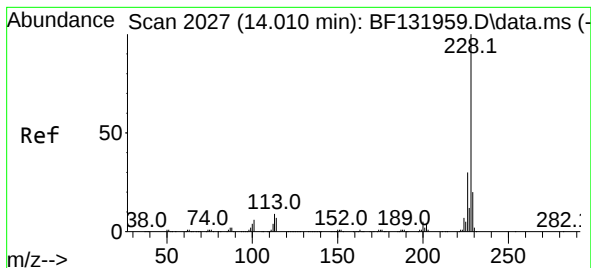
Ion Ratio Lower Upper

252 100

254 61.1 51.5 77.3

126 7.0 6.9 10.3





#83

Chrysene

Concen: 41.653 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

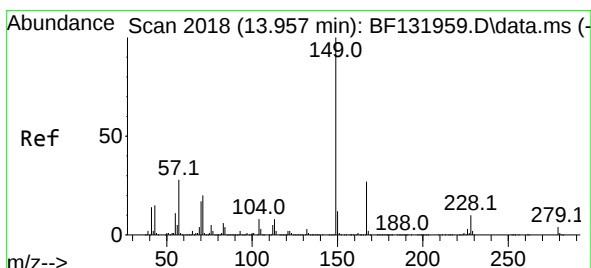
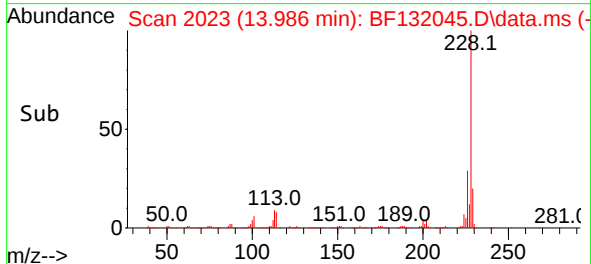
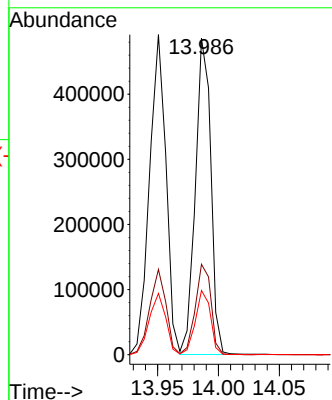
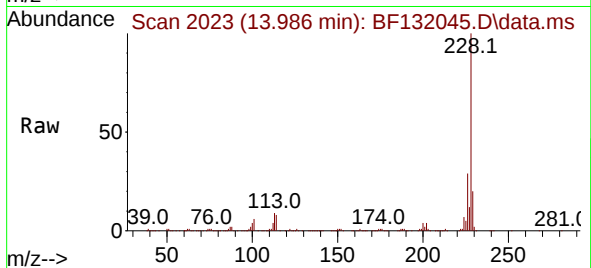
Tgt Ion:228 Resp: 429939

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.794 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

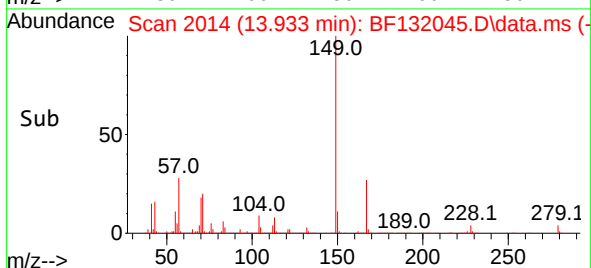
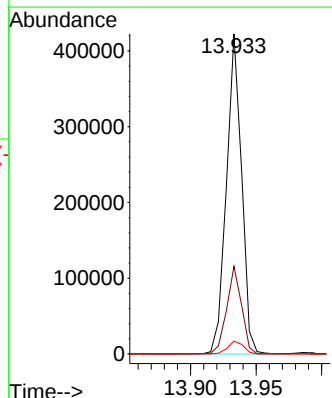
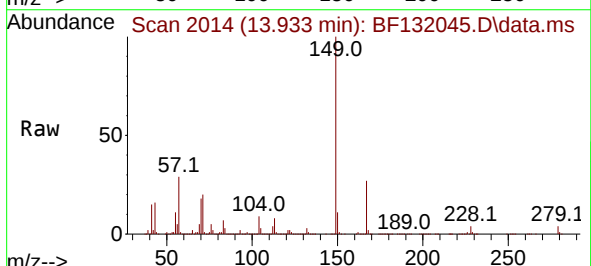
Tgt Ion:149 Resp: 339166

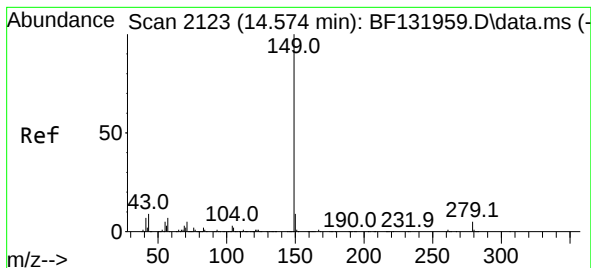
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.139 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

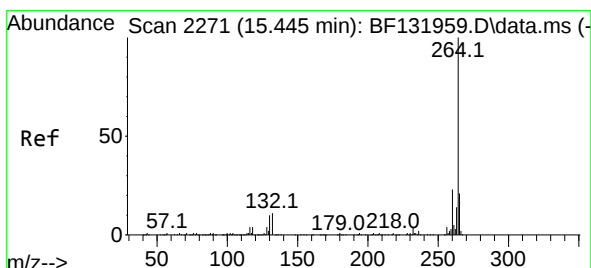
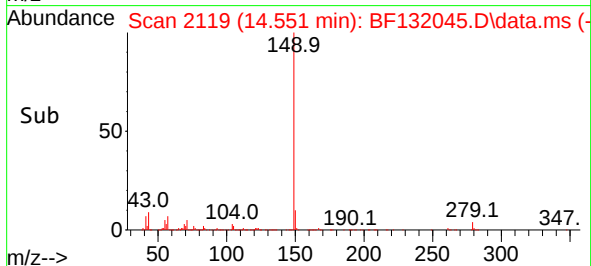
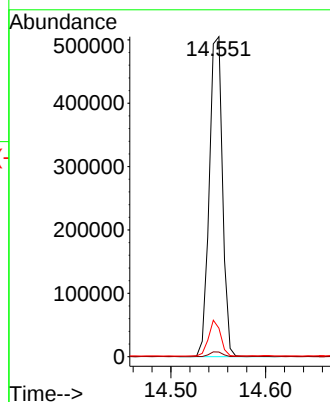
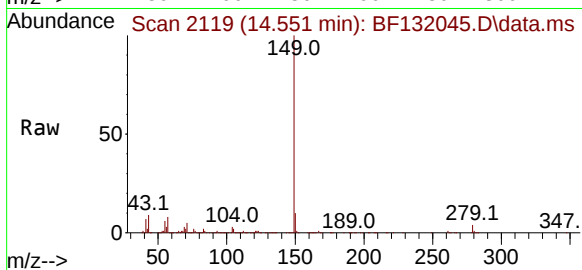
Tgt Ion:149 Resp: 488417

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

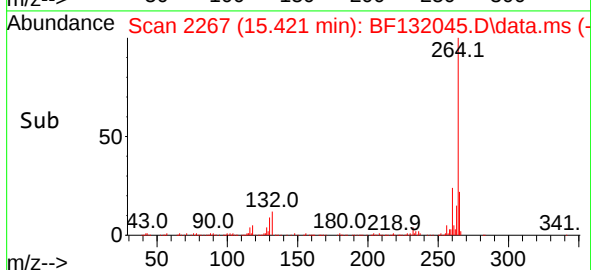
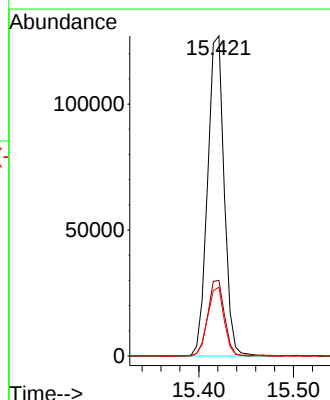
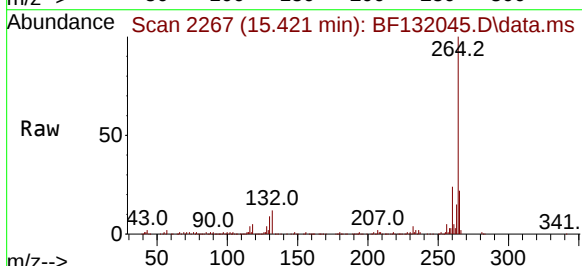
Tgt Ion:264 Resp: 153643

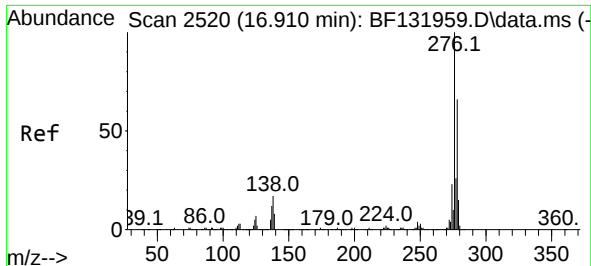
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.5 16.9 25.3

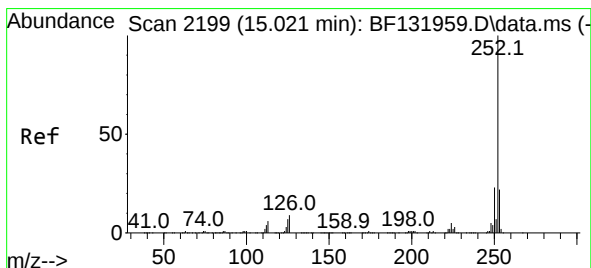
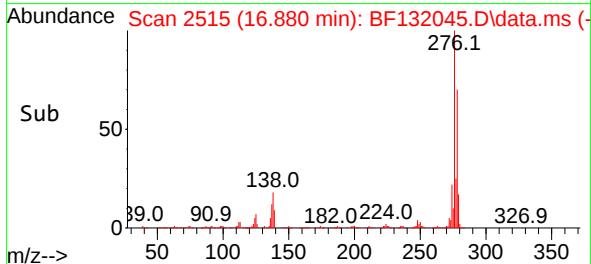
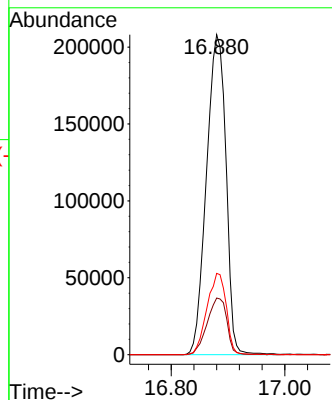
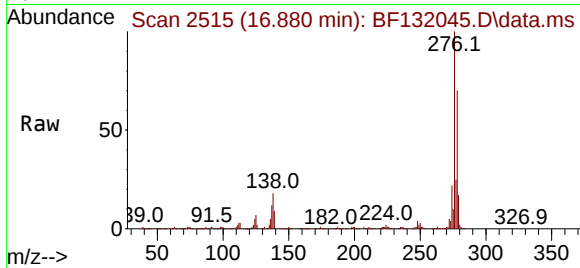




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.520 ng
 RT: 16.880 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

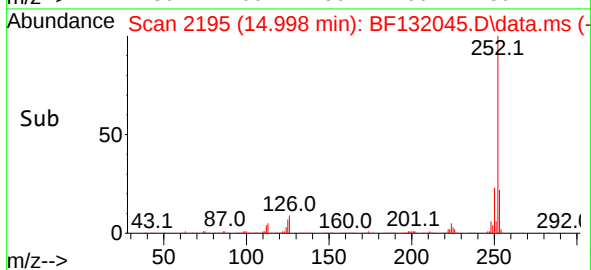
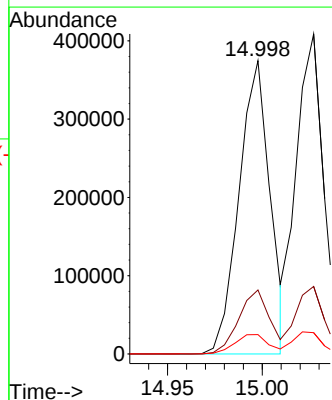
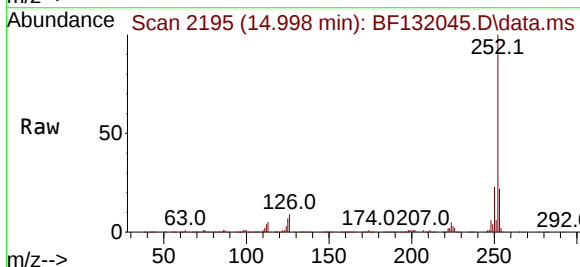
Instrument :
 BNA_F
 ClientSampleId :
 MH-2MS

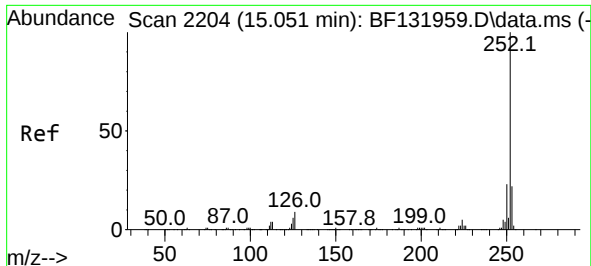
Tgt Ion:276 Resp: 494889
 Ion Ratio Lower Upper
 276 100
 138 17.9 14.2 21.2
 277 25.0 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 40.453 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF132045.D
 Acq: 12 Jan 2023 17:09

Tgt Ion:252 Resp: 426301
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.0 27.0
 125 6.6 5.8 8.6

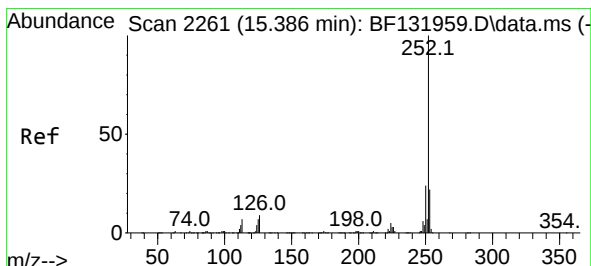
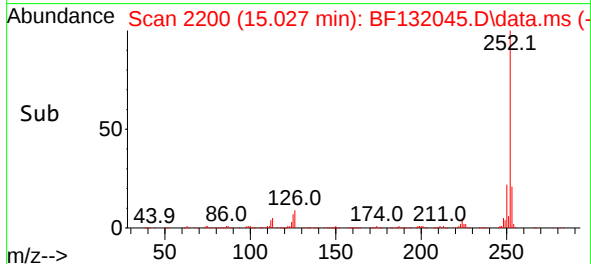
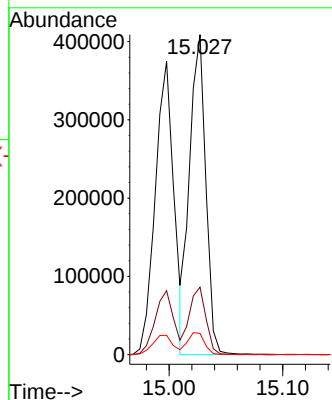
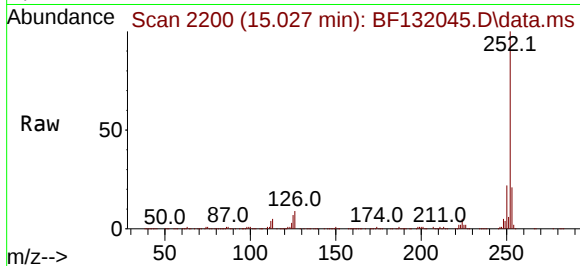




#89
Benzo(k)fluoranthene
Concen: 38.565 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

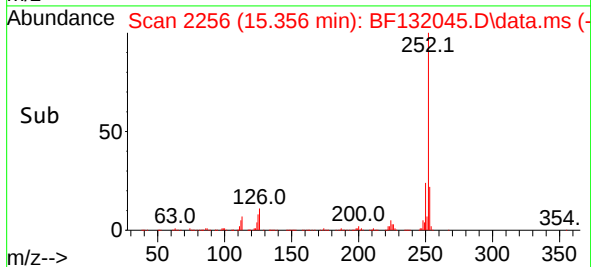
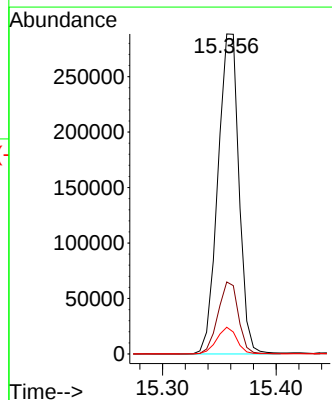
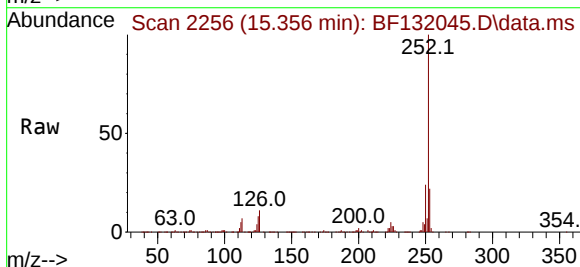
Instrument :
BNA_F
ClientSampleId :
MH-2MS

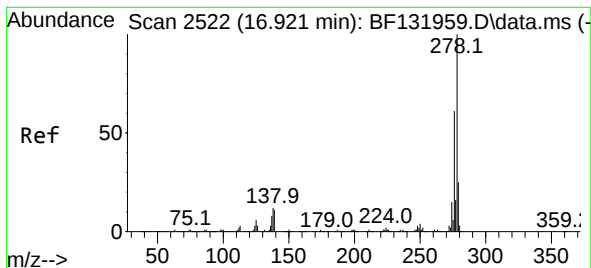
Tgt Ion:252 Resp: 405591
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 6.6 5.2 7.8



#90
Benzo(a)pyrene
Concen: 39.197 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF132045.D
Acq: 12 Jan 2023 17:09

Tgt Ion:252 Resp: 372165
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 52.464 ng

RT: 16.892 min Scan# 2517

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Instrument :

BNA_F

ClientSampleId :

MH-2MS

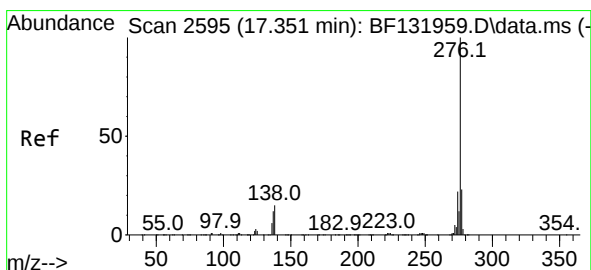
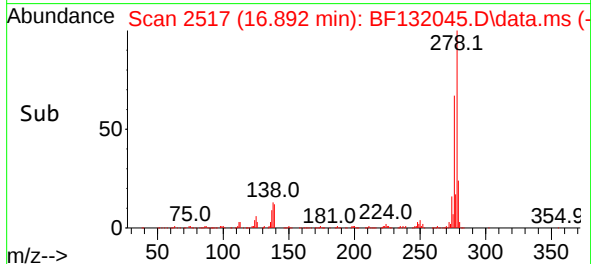
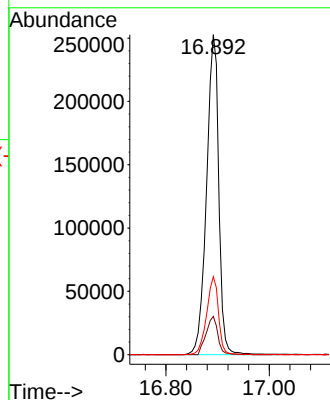
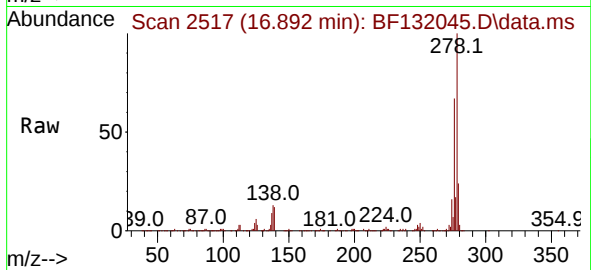
Tgt Ion:278 Resp: 414413

Ion Ratio Lower Upper

278 100

139 12.0 8.8 13.2

279 24.4 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 47.781 ng

RT: 17.321 min Scan# 2590

Delta R.T. 0.006 min

Lab File: BF132045.D

Acq: 12 Jan 2023 17:09

Tgt Ion:276 Resp: 403981

Ion Ratio Lower Upper

276 100

277 23.3 18.2 27.2

138 14.6 11.7 17.5

