

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132897.D
 Acq On : 18 Apr 2023 12:12
 Operator : CG\JU
 Sample : PB152144BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152144BS

Quant Time: Apr 18 12:52:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	311953	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1280618	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	658739	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1141316	20.000	ng	0.00
76) Chrysene-d12	13.927	240	736065	20.000	ng	0.00
86) Perylene-d12	15.351	264	794452	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2121106	106.321	ng	0.02
7) Phenol-d6	6.398	99	2727088	107.125	ng	0.00
23) Nitrobenzene-d5	7.334	82	1702008	69.277	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	704685	106.654	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2859702	66.690	ng	0.00
79) Terphenyl-d14	12.874	244	3025621	70.129	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.551	88	410788	42.198	ng 100
3) Pyridine	3.251	79	1017119	38.203	ng 99
4) n-Nitrosodimethylamine	3.210	42	545026	43.084	ng 98
6) Aniline	6.428	93	1267031	37.530	ng 99
8) 2-Chlorophenol	6.551	128	927217	45.813	ng 98
9) Benzaldehyde	6.310	77	564844	37.500	ng 98
10) Phenol	6.416	94	1283566	44.843	ng 92
11) bis(2-Chloroethyl)ether	6.504	93	955420	44.197	ng 98
12) 1,3-Dichlorobenzene	6.710	146	993178	44.645	ng 98
13) 1,4-Dichlorobenzene	6.781	146	1003702	45.028	ng 98
14) 1,2-Dichlorobenzene	6.939	146	935503	44.949	ng 99
15) Benzyl Alcohol	6.910	79	817744	46.871	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1709524	45.703	ng 99
17) 2-Methylphenol	7.022	107	811542	43.778	ng 99
18) Hexachloroethane	7.281	117	355720	45.983	ng 96
19) n-Nitroso-di-n-propyla...	7.186	70	712468	44.837	ng 96
20) 3+4-Methylphenols	7.175	107	948494	43.290	ng 96
22) Acetophenone	7.181	105	1291194	42.980	ng # 98
24) Nitrobenzene	7.351	77	1046209	41.546	ng 99
25) Isophorone	7.592	82	2004730	43.018	ng 99
26) 2-Nitrophenol	7.669	139	468678	49.336	ng 98
27) 2,4-Dimethylphenol	7.710	122	878292	45.323	ng 99
28) bis(2-Chloroethoxy)met...	7.804	93	1195646	42.912	ng 100
29) 2,4-Dichlorophenol	7.910	162	792815	43.955	ng 99
30) 1,2,4-Trichlorobenzene	7.992	180	841530	43.210	ng 98
31) Naphthalene	8.075	128	2683380	41.465	ng 100
32) Benzoic acid	7.833	122	491407	50.569	ng 97
33) 4-Chloroaniline	8.116	127	371204	14.005	ng 99
34) Hexachlorobutadiene	8.192	225	471836	42.349	ng 99
35) Caprolactam	8.498	113	163188	30.381	ng 91
36) 4-Chloro-3-methylphenol	8.604	107	843388	44.549	ng 96
37) 2-Methylnaphthalene	8.763	142	1798173	40.370	ng 100
38) 1-Methylnaphthalene	8.863	142	1767071	42.576	ng 99
40) 1,2,4,5-Tetrachloroben...	8.933	216	764876	41.051	ng 99
41) Hexachlorocyclopentadiene	8.922	237	1046506	106.562	ng 99
43) 2,4,6-Trichlorophenol	9.039	196	527835	44.690	ng 100

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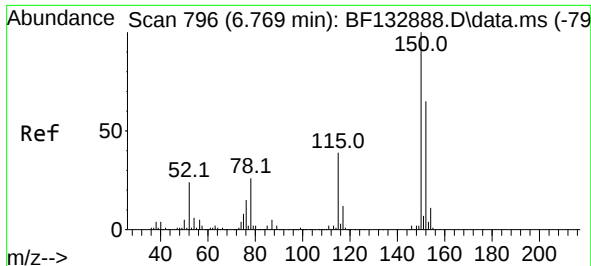
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	564790	40.894	ng	96
46) 1,1'-Biphenyl	9.233	154	2193364	42.002	ng	99
47) 2-Chloronaphthalene	9.257	162	1645670	42.585	ng	99
48) 2-Nitroaniline	9.345	65	513082	45.895	ng	98
49) Acenaphthylene	9.669	152	2530279	41.052	ng	99
50) Dimethylphthalate	9.533	163	1915745	42.065	ng	99
51) 2,6-Dinitrotoluene	9.592	165	440433	44.108	ng	96
52) Acenaphthene	9.839	154	1774233	44.671	ng	99
53) 3-Nitroaniline	9.757	138	318821	28.059	ng	93
54) 2,4-Dinitrophenol	9.863	184	391873	100.745	ng	95
55) Dibenzofuran	10.016	168	2282003	40.496	ng	98
56) 4-Nitrophenol	9.916	139	775614	91.891	ng	91
57) 2,4-Dinitrotoluene	9.992	165	578696	46.958	ng	98
58) Fluorene	10.357	166	1651813	40.016	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	471912	44.026	ng	99
60) Diethylphthalate	10.233	149	1795382	42.187	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	852246	40.591	ng	99
62) 4-Nitroaniline	10.374	138	466625	42.726	ng	96
63) Azobenzene	10.510	77	1931714	40.635	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	259137	47.410	ng	96
66) n-Nitrosodiphenylamine	10.469	169	1541356	41.467	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	542091	41.595	ng	98
68) Hexachlorobenzene	10.904	284	597547	44.194	ng	98
69) Atrazine	10.998	200	497063	47.843	ng	98
70) Pentachlorophenol	11.092	266	695736	79.740	ng	100
71) Phenanthrene	11.316	178	2479644	40.391	ng	99
72) Anthracene	11.369	178	2534324	40.327	ng	99
73) Carbazole	11.516	167	2298306	42.267	ng	100
74) Di-n-butylphthalate	11.857	149	2648487	45.435	ng	100
75) Fluoranthene	12.498	202	2495355	40.875	ng	100
77) Benzidine	12.621	184	1128600	98.429	ng	99
78) Pyrene	12.727	202	2509097	41.688	ng	99
80) Butylbenzylphthalate	13.351	149	679152	46.892	ng	97
81) Benzo(a)anthracene	13.915	228	2140971	42.770	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	375676	31.025	ng	97
83) Chrysene	13.951	228	2074459	41.694	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	1029234	54.061	ng	99
85) Di-n-octyl phthalate	14.527	149	1993647	48.154	ng	97
87) Indeno(1,2,3-cd)pyrene	16.756	276	2046826	45.089	ng	99
88) Benzo(b)fluoranthene	14.945	252	2092265	42.279	ng	100
89) Benzo(k)fluoranthene	14.974	252	2118234	42.969	ng	99
90) Benzo(a)pyrene	15.298	252	1831576	40.512	ng	100
91) Dibenzo(a,h)anthracene	16.774	278	1737907	44.931	ng	98
92) Benzo(g,h,i)perylene	17.180	276	1617371	43.672	ng	100

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

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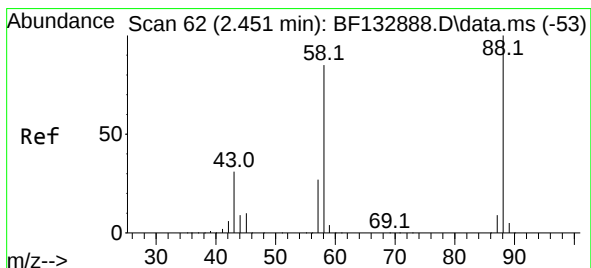
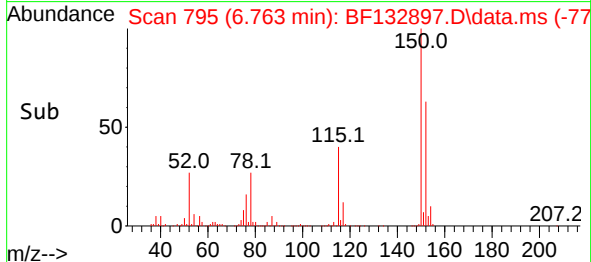
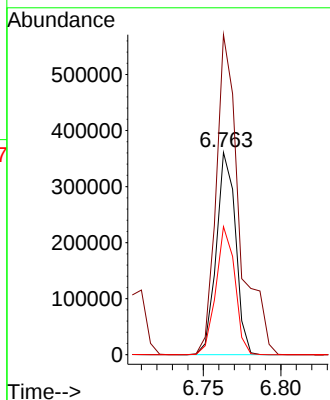
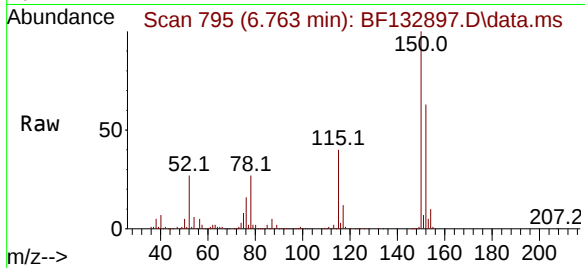




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

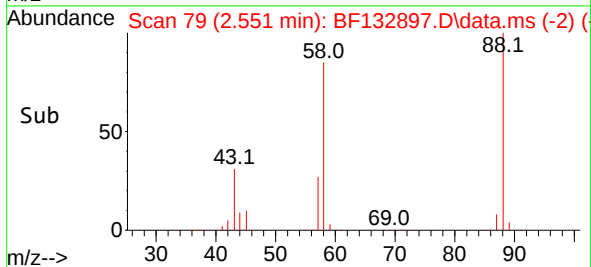
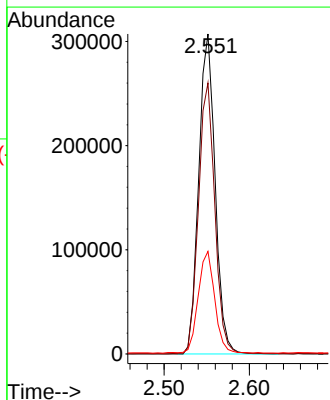
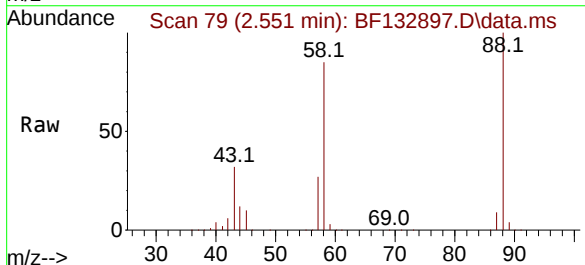
Instrument :
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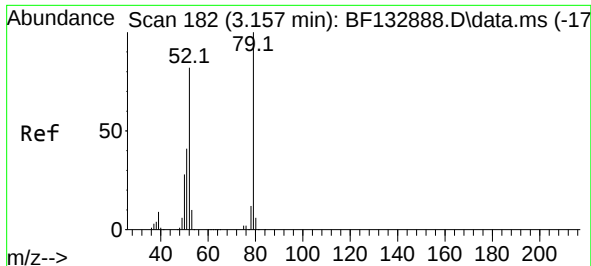
Tgt Ion:152 Resp: 311953
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.8 184.2
 115 63.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 42.198 ng
 RT: 2.551 min Scan# 79
 Delta R.T. 0.100 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

Tgt Ion: 88 Resp: 410788
 Ion Ratio Lower Upper
 88 100
 58 84.4 67.8 101.6
 43 32.0 25.4 38.0





#3

Pyridine

Concen: 38.203 ng

RT: 3.251 min Scan# 19

Delta R.T. 0.094 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

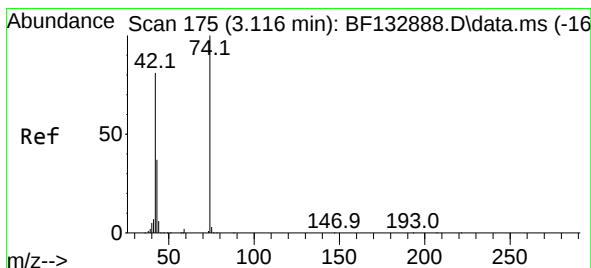
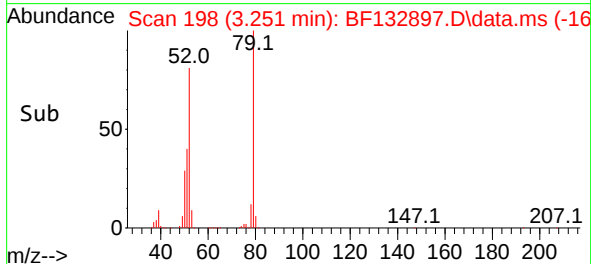
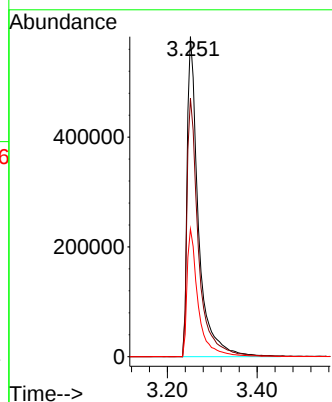
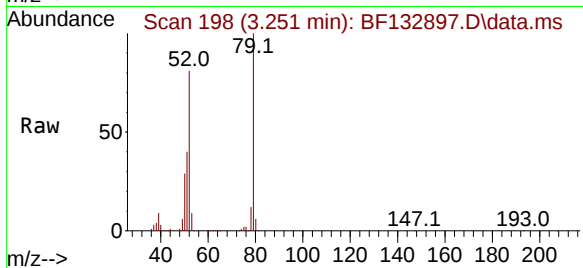
BNA_F

ClientSampleId :

PB152144BS

Tgt Ion: 79 Resp: 1017119

Ion	Ratio	Lower	Upper
79	100		
52	80.7	65.4	98.0
51	39.9	32.6	48.8



#4

n-Nitrosodimethylamine

Concen: 43.084 ng

RT: 3.210 min Scan# 191

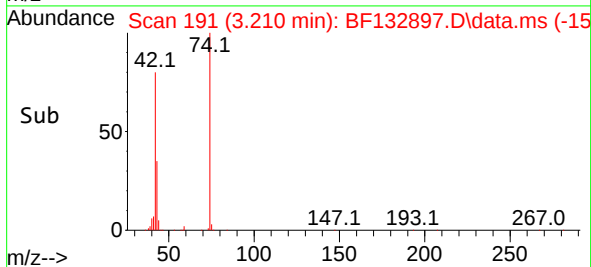
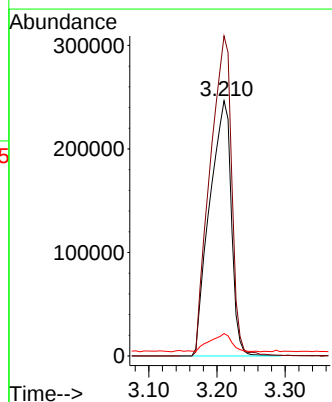
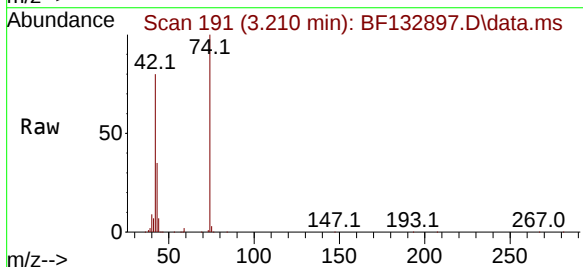
Delta R.T. 0.094 min

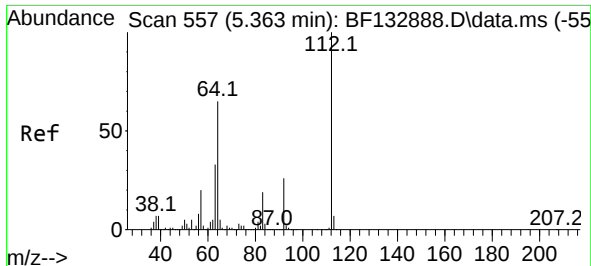
Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Tgt Ion: 42 Resp: 545026

Ion	Ratio	Lower	Upper
42	100		
74	125.4	98.4	147.6
44	8.8	6.1	9.1

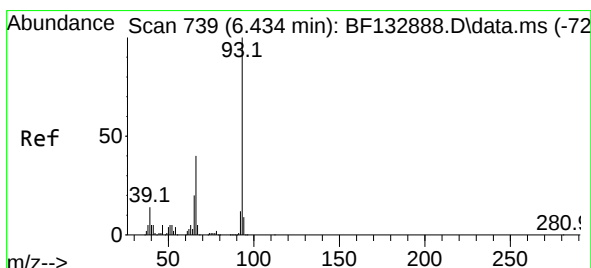
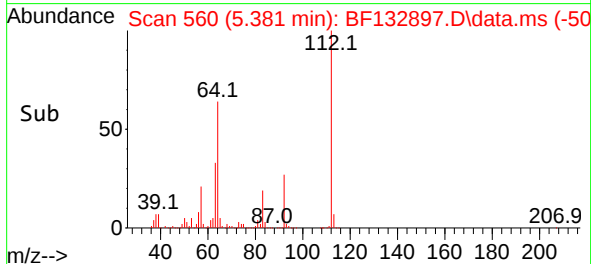
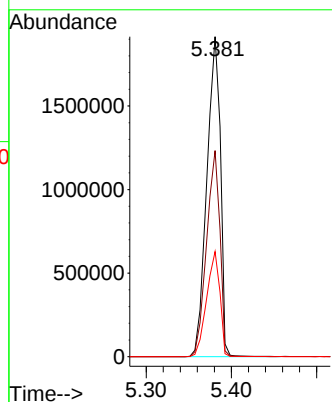
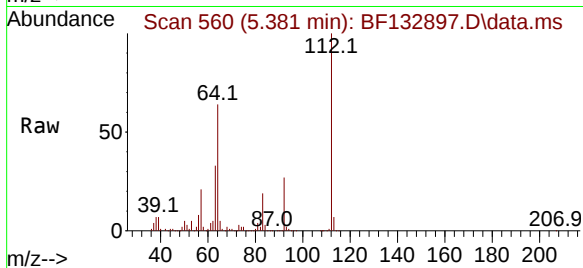




#5
2-Fluorophenol
Concen: 106.321 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

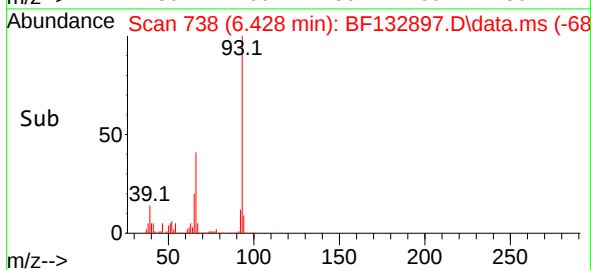
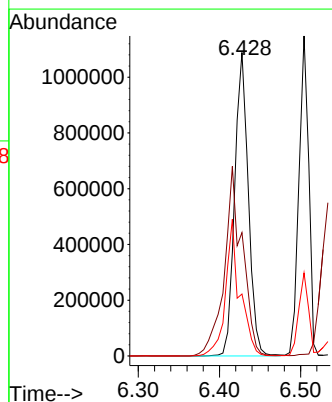
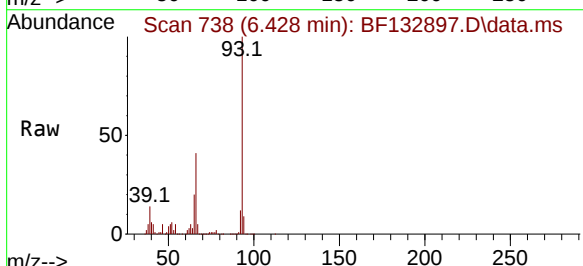
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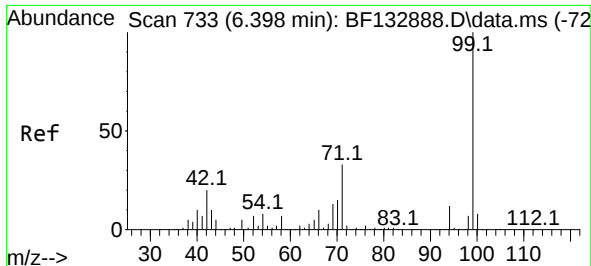
Tgt Ion:112 Resp: 2121106
Ion Ratio Lower Upper
112 100
64 64.4 51.8 77.8
63 32.8 26.3 39.5



#6
Aniline
Concen: 37.530 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 93 Resp: 1267031
Ion Ratio Lower Upper
93 100
66 40.6 31.8 47.6
65 20.4 16.3 24.5

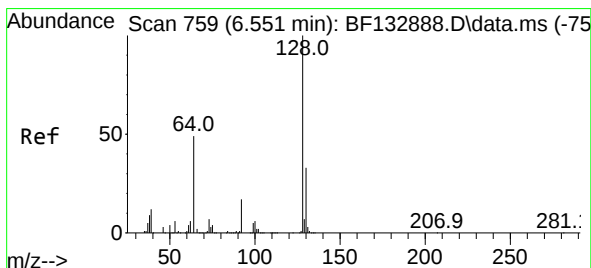
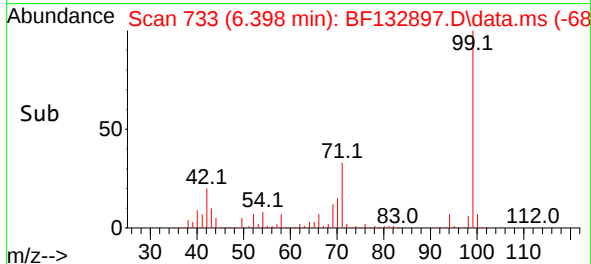
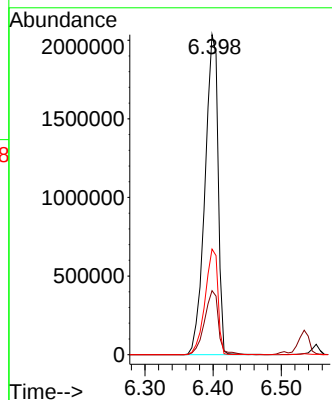
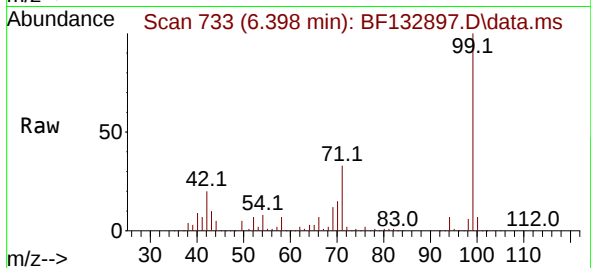




#7
Phenol-d6
Concen: 107.125 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

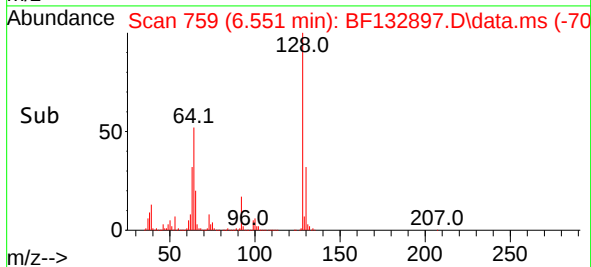
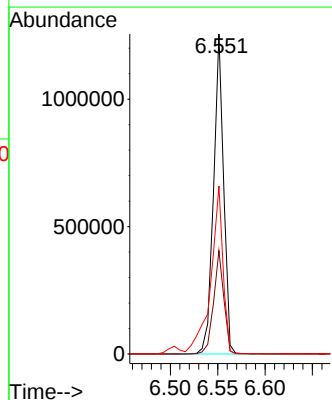
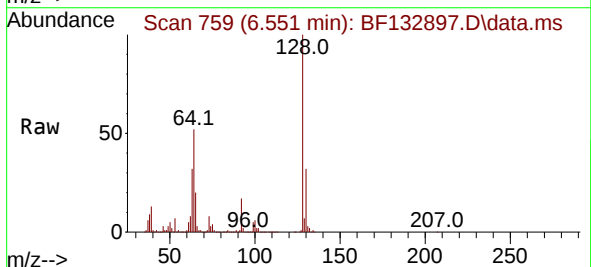
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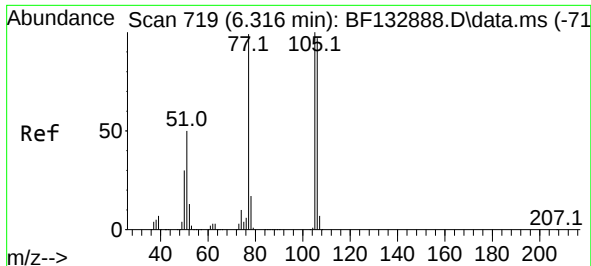
Tgt Ion: 99 Resp: 2727088
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.0 26.1 39.1



#8
2-Chlorophenol
Concen: 45.813 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:128 Resp: 927217
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 52.4 30.9 70.9

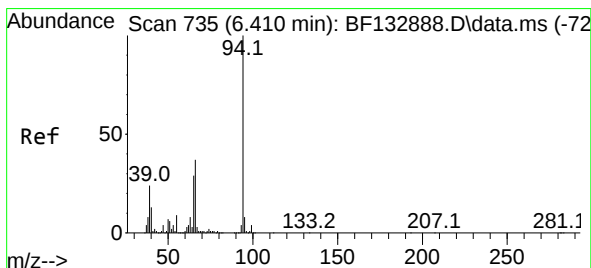
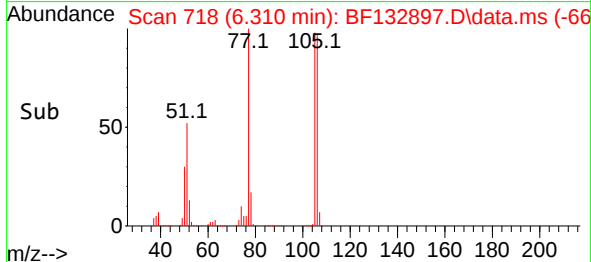
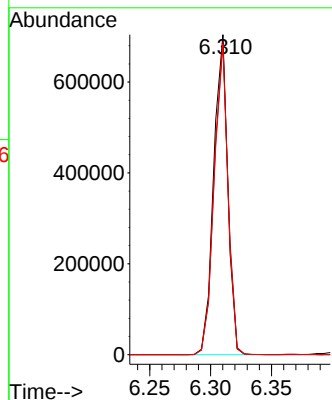
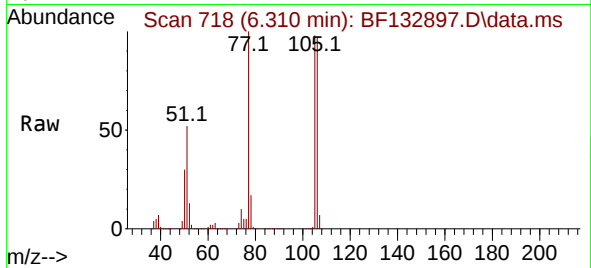




#9
Benzaldehyde
Concen: 37.500 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

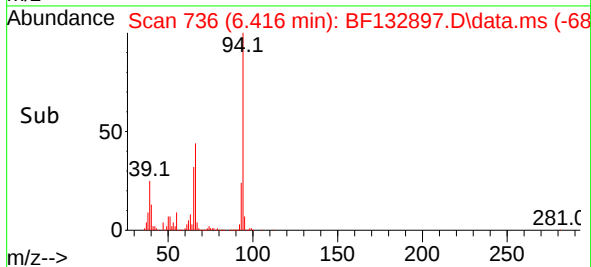
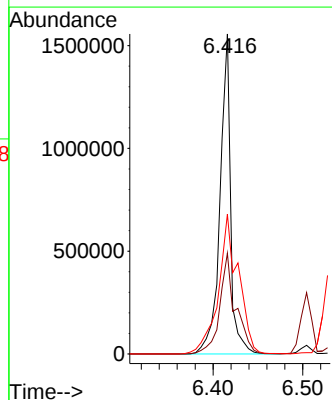
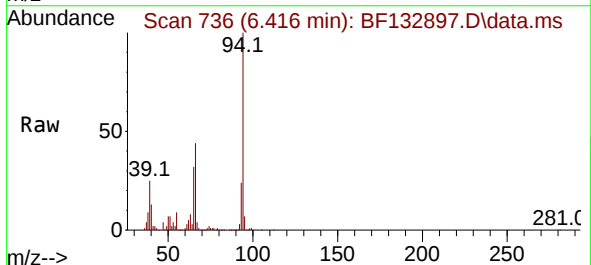
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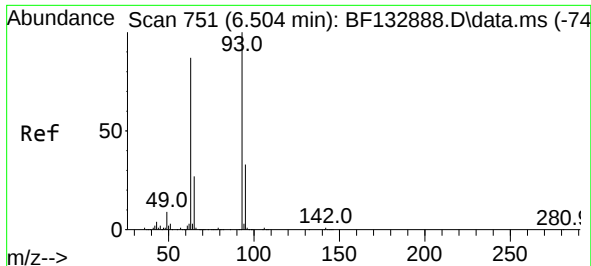
Tgt Ion: 77 Resp: 564844
Ion Ratio Lower Upper
77 100
105 97.9 80.8 120.8
106 97.0 77.9 117.9



#10
Phenol
Concen: 44.843 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 94 Resp: 1283566
Ion Ratio Lower Upper
94 100
65 31.5 9.0 49.0
66 43.7 17.1 57.1

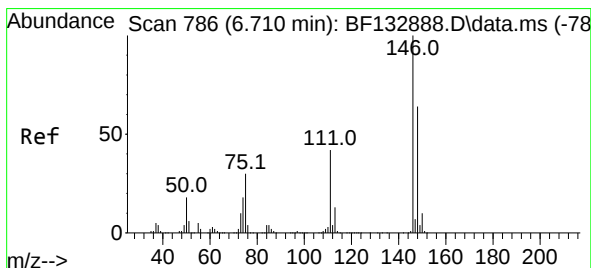
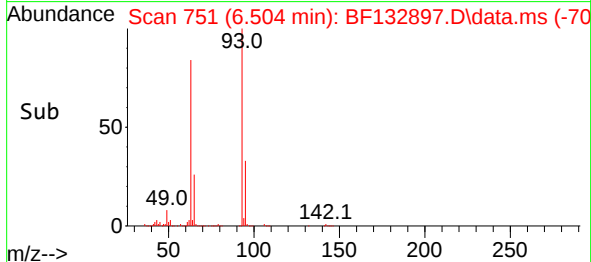
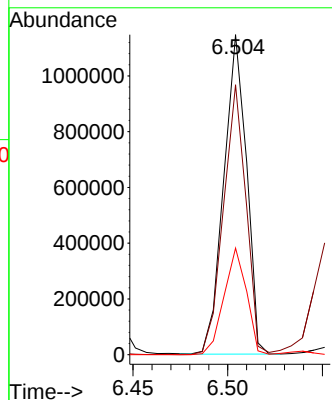
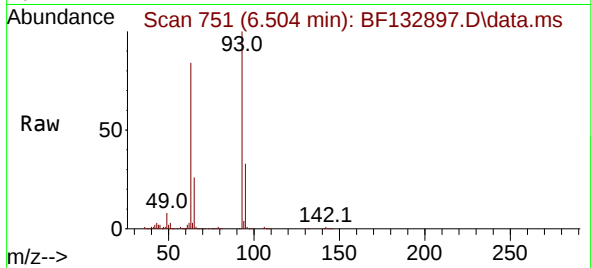




#11
bis(2-Chloroethyl)ether
Concen: 44.197 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

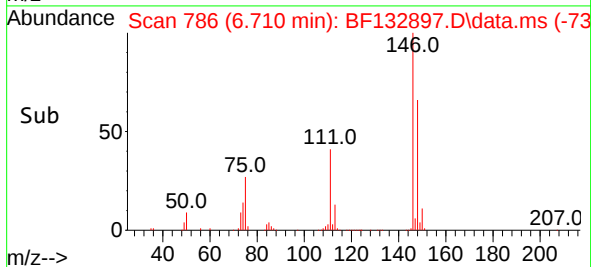
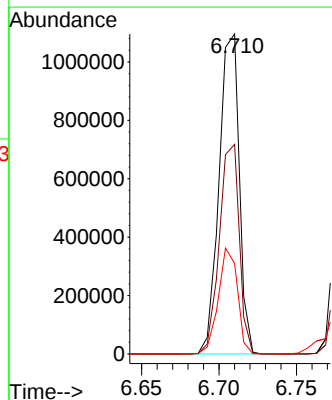
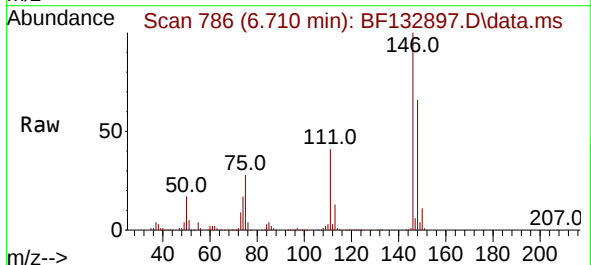
Instrument :
BNA_F
ClientSampleId :
PB152144BS

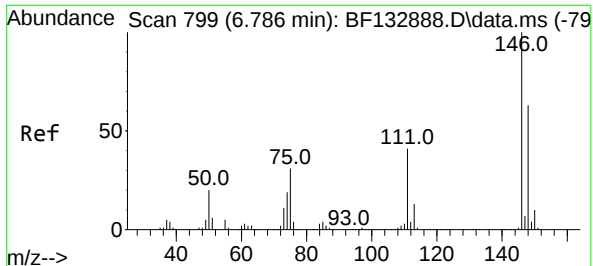
Tgt Ion: 93 Resp: 955420
Ion Ratio Lower Upper
93 100
63 84.4 66.7 106.7
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.645 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:146 Resp: 993178
Ion Ratio Lower Upper
146 100
148 65.5 51.1 76.7
75 28.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 45.028 ng

RT: 6.781 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

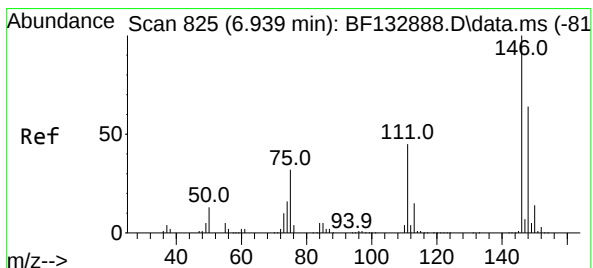
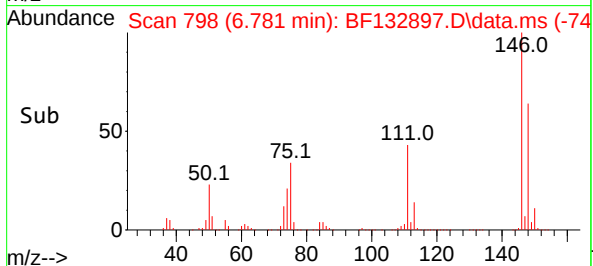
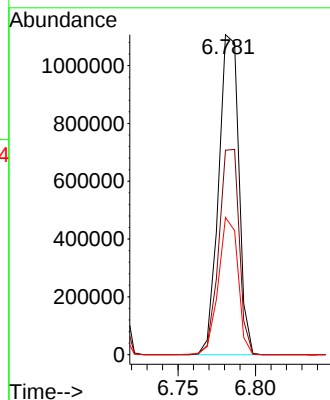
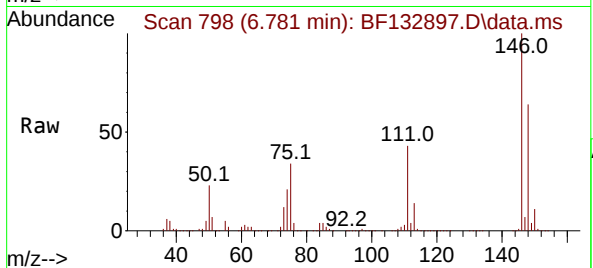
Tgt Ion:146 Resp: 1003702

Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

111 42.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 44.949 ng

RT: 6.939 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

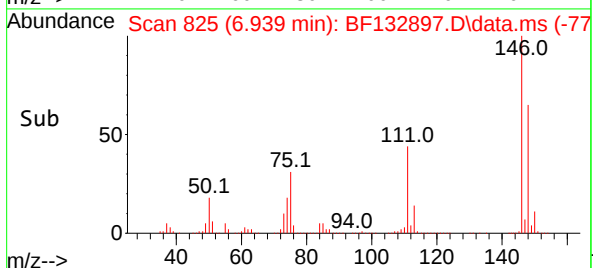
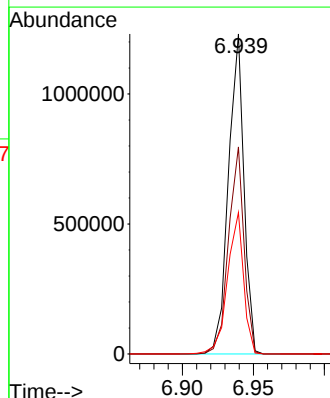
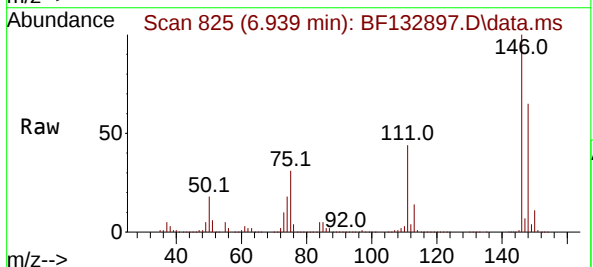
Tgt Ion:146 Resp: 935503

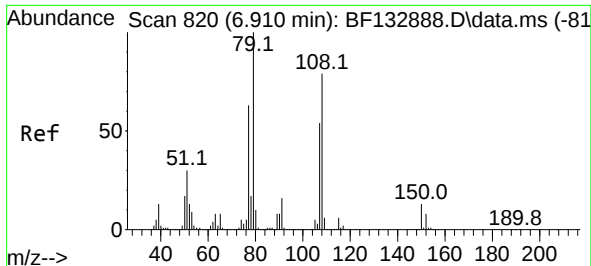
Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 44.2 36.0 54.0

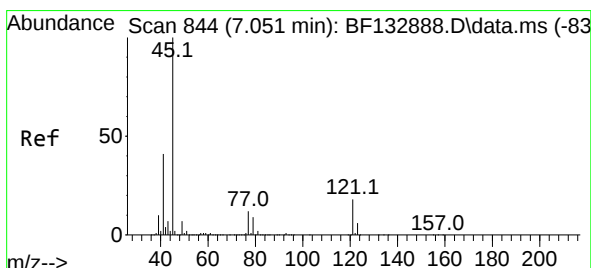
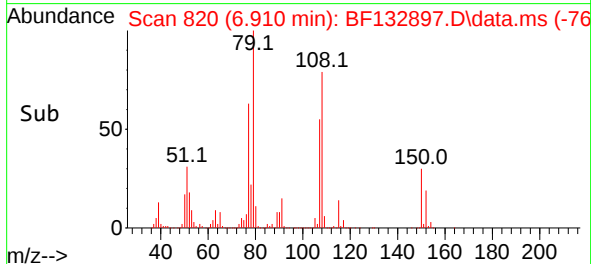
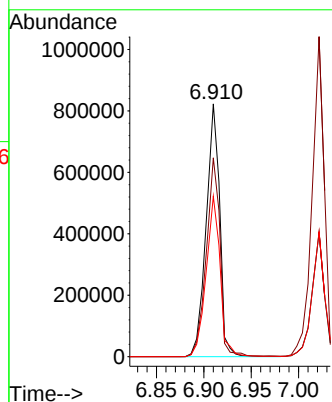
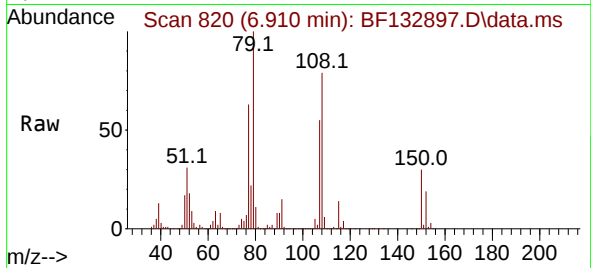




#15
Benzyl Alcohol
Concen: 46.871 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

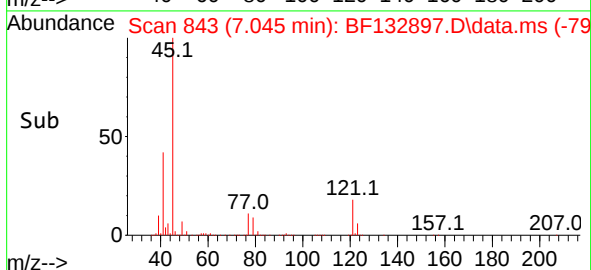
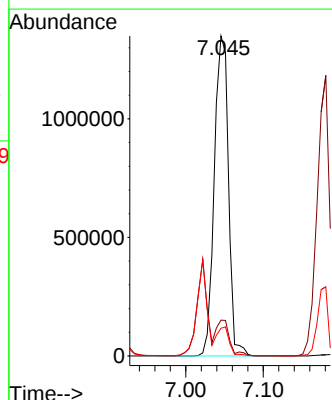
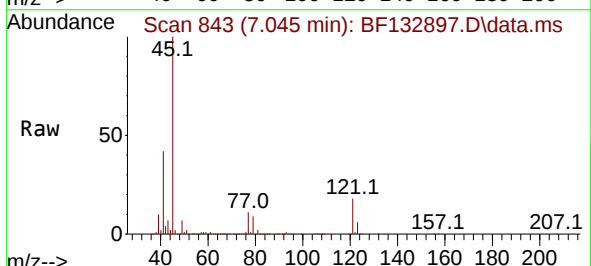
Instrument :
BNA_F
ClientSampleId :
PB152144BS

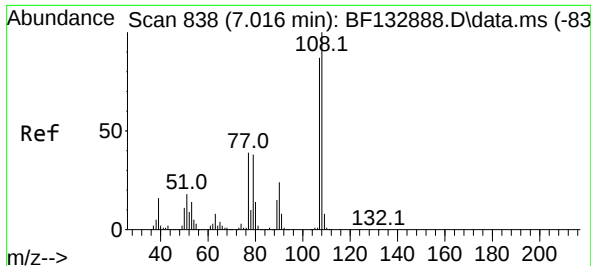
Tgt Ion: 79 Resp: 817744
Ion Ratio Lower Upper
79 100
108 78.7 63.0 94.6
77 63.5 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.703 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 45 Resp: 1709524
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.6
79 8.6 0.0 29.2

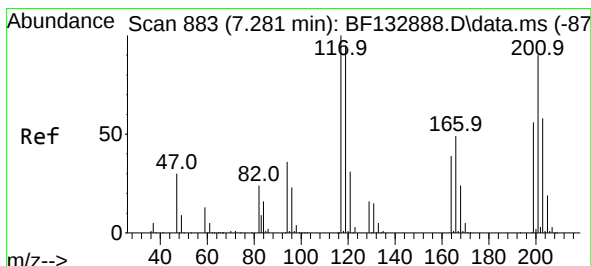
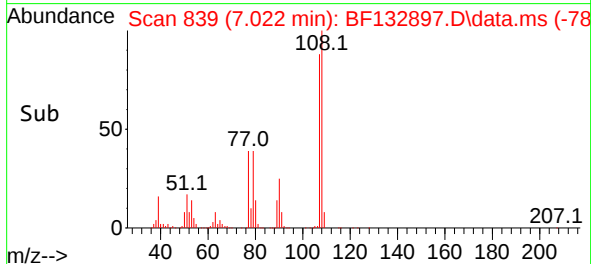
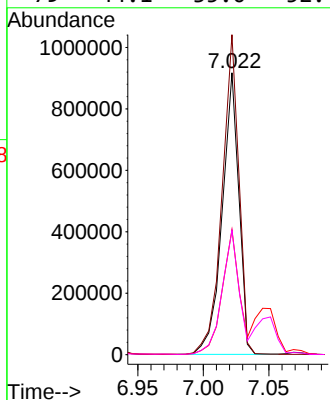
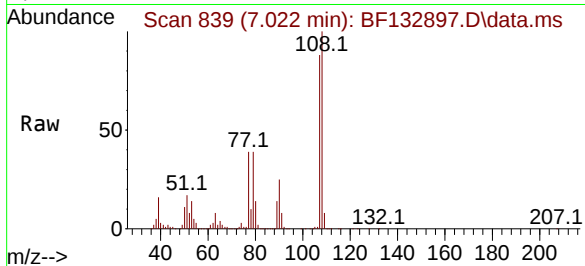




#17
2-Methylphenol
Concen: 43.778 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

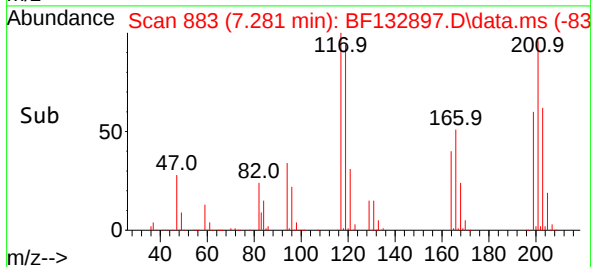
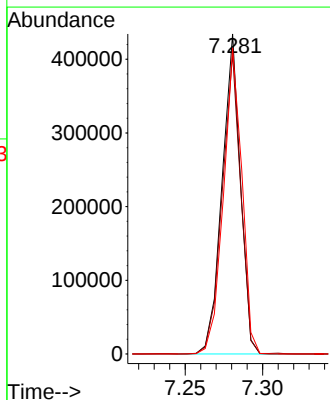
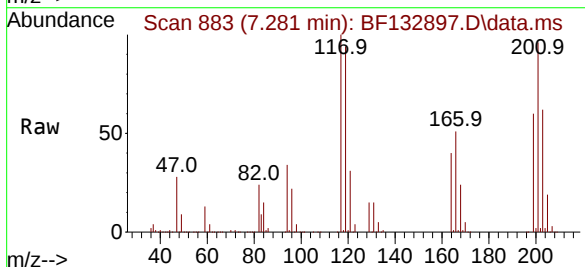
Instrument :
BNA_F
ClientSampleId :
PB152144BS

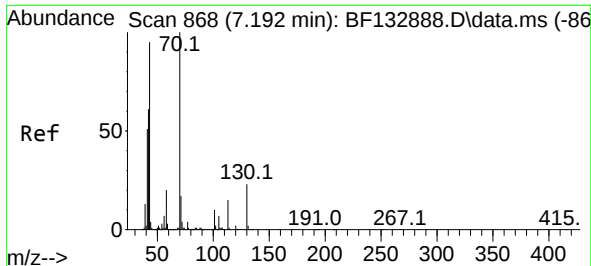
Tgt Ion:107 Resp: 811542
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 44.3 35.8 53.8
79 44.1 35.0 52.4



#18
Hexachloroethane
Concen: 45.983 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:117 Resp: 355720
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1
201 95.7 71.8 107.6

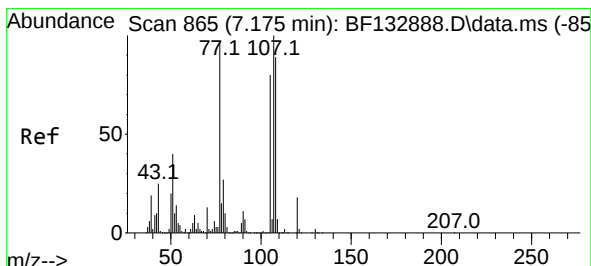
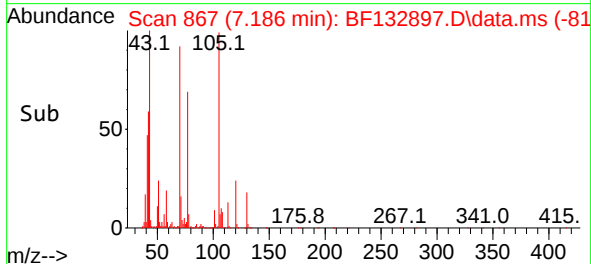
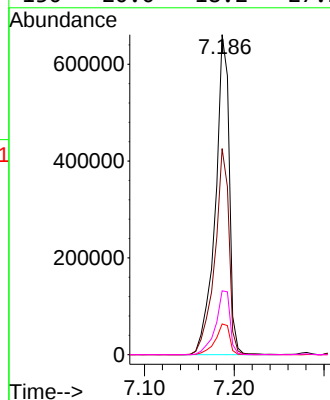
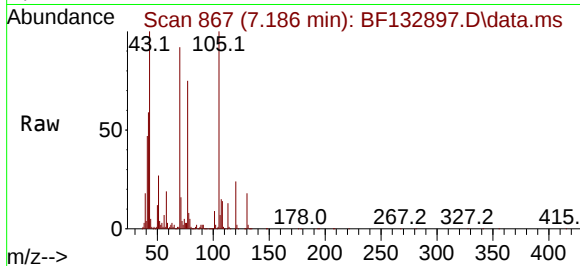




#19
n-Nitroso-di-n-propylamine
Concen: 44.837 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

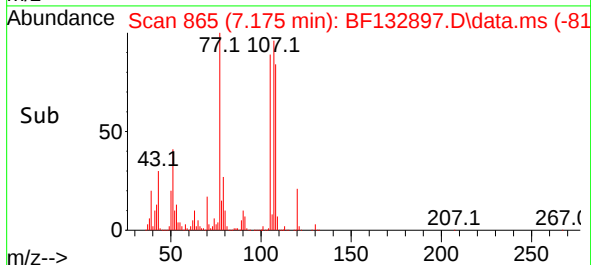
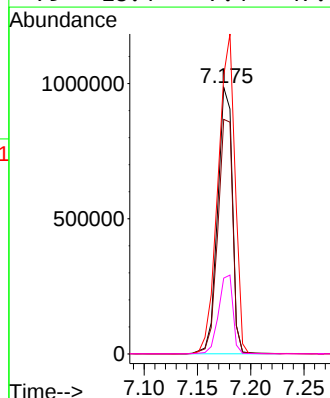
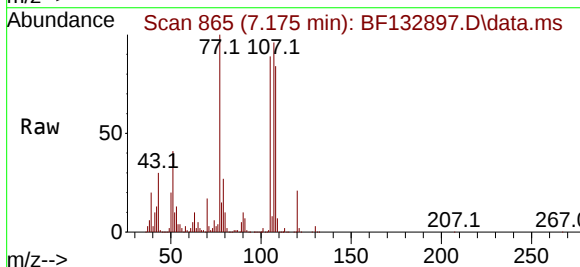
Instrument :
BNA_F
ClientSampleId :
PB152144BS

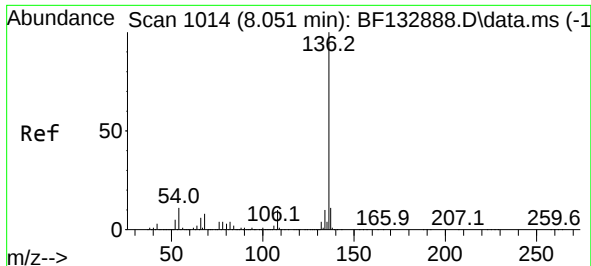
Tgt Ion: 70 Resp: 712468
Ion Ratio Lower Upper
70 100
42 64.4 49.0 73.6
101 9.6 8.1 12.1
130 20.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 43.290 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:107 Resp: 948494
Ion Ratio Lower Upper
107 100
108 88.0 68.5 108.5
77 104.4 77.1 117.1
79 28.4 7.4 47.4

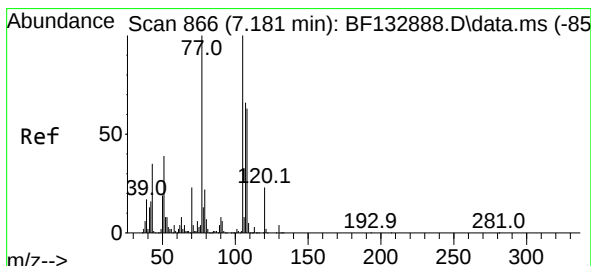
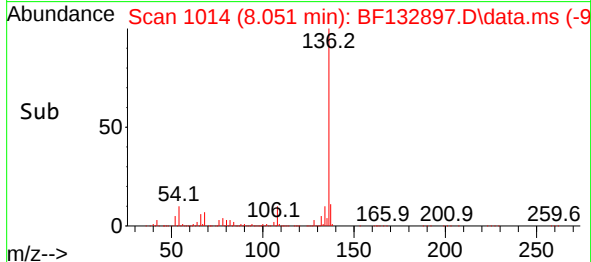
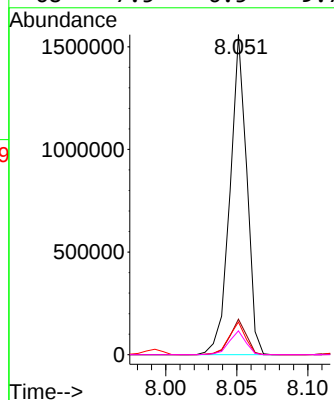
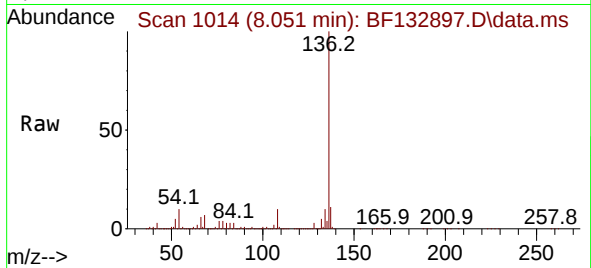




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

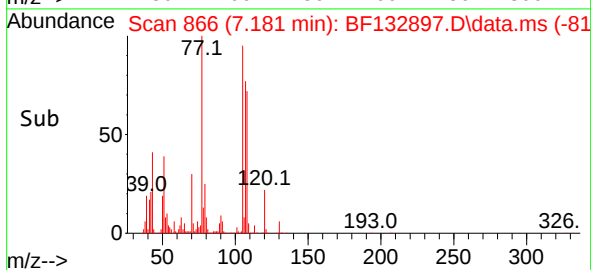
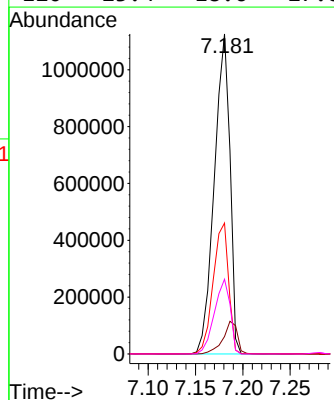
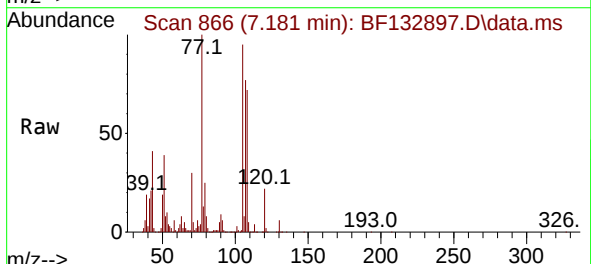
Instrument :
BNA_F
ClientSampleId :
PB152144BS

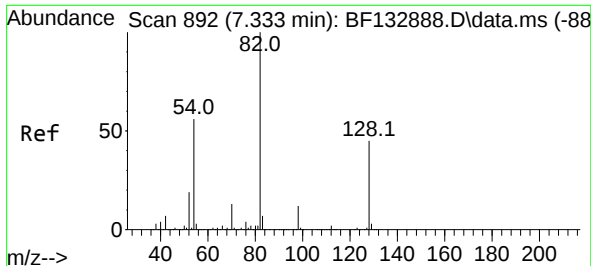
Tgt Ion:136 Resp: 1280618
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.2 8.9 13.3
68 7.5 6.5 9.7



#22
Acetophenone
Concen: 42.980 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:105 Resp: 1291194
Ion Ratio Lower Upper
105 100
71 5.5 3.1 4.7#
51 40.9 31.4 47.2
120 23.4 18.6 27.8





#23

Nitrobenzene-d5

Concen: 69.277 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

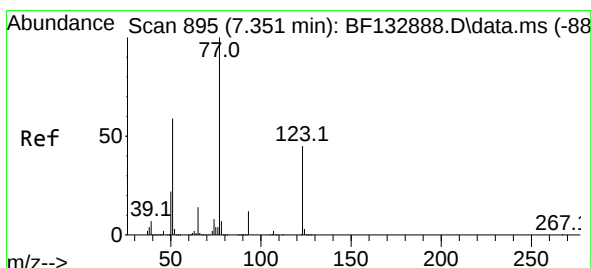
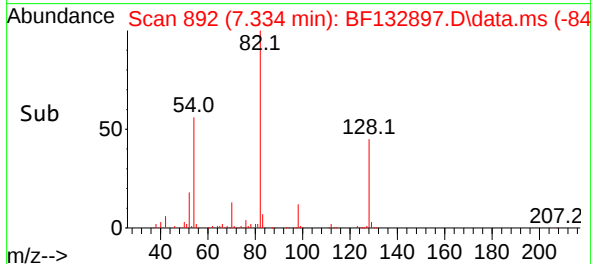
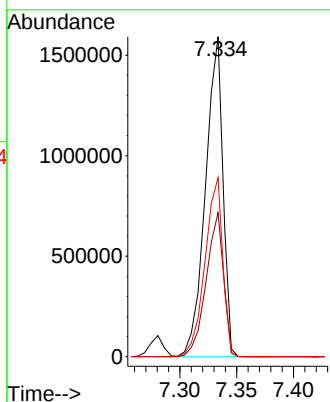
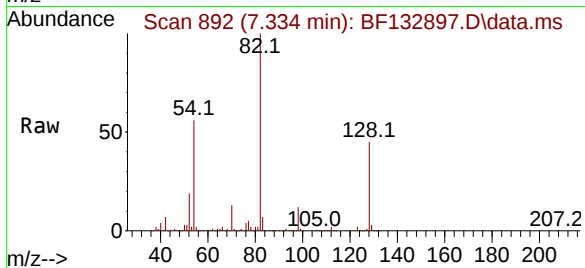
Tgt Ion: 82 Resp: 1702008

Ion Ratio Lower Upper

82 100

128 45.0 35.7 53.5

54 56.0 44.7 67.1



#24

Nitrobenzene

Concen: 41.546 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

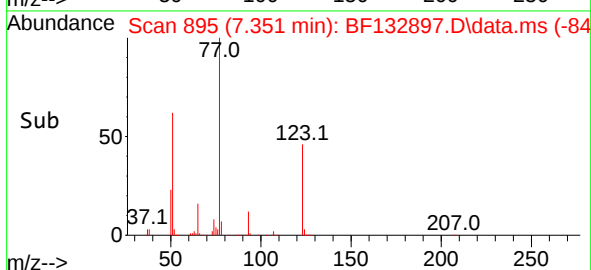
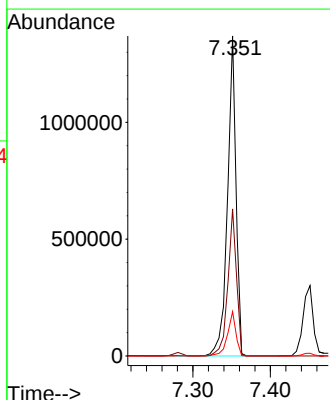
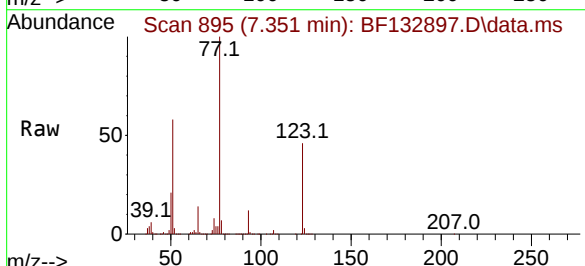
Tgt Ion: 77 Resp: 1046209

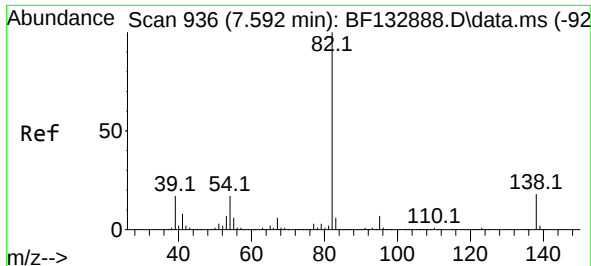
Ion Ratio Lower Upper

77 100

123 46.0 36.3 54.5

65 13.9 11.2 16.8

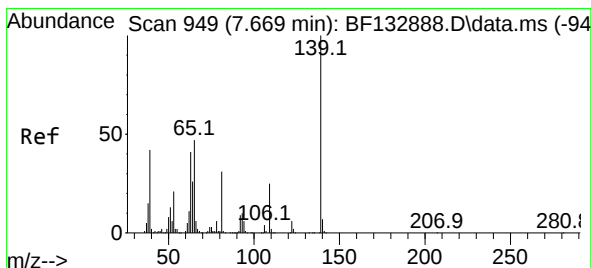
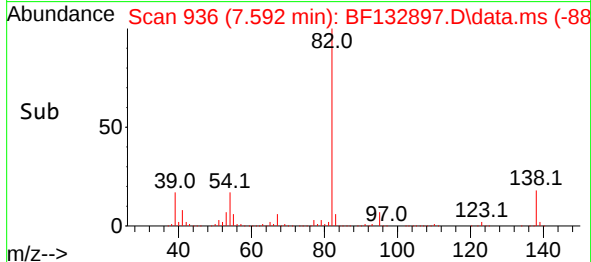
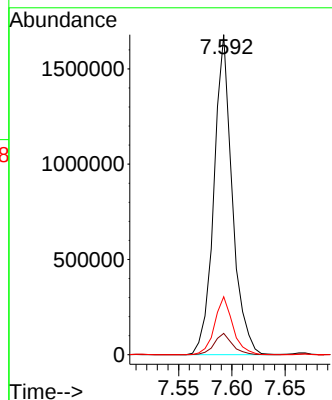
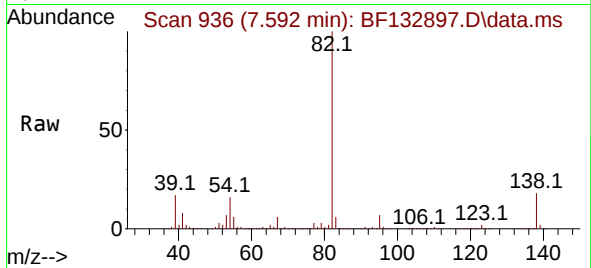




#25
Isophorone
Concen: 43.018 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

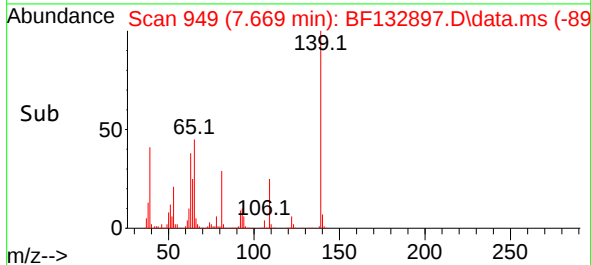
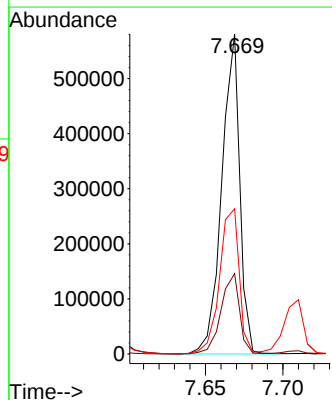
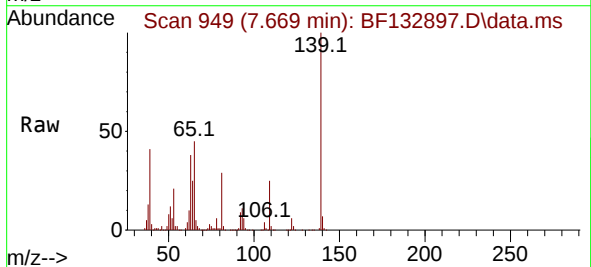
Instrument :
BNA_F
ClientSampleId :
PB152144BS

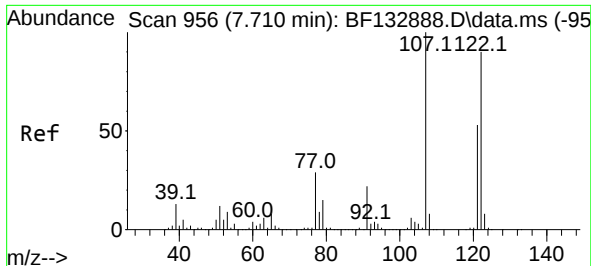
Tgt Ion: 82 Resp: 2004730
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 49.336 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 139 Resp: 468678
Ion Ratio Lower Upper
139 100
109 25.1 20.1 30.1
65 45.3 38.0 57.0

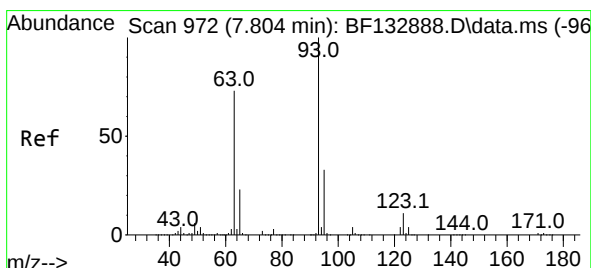
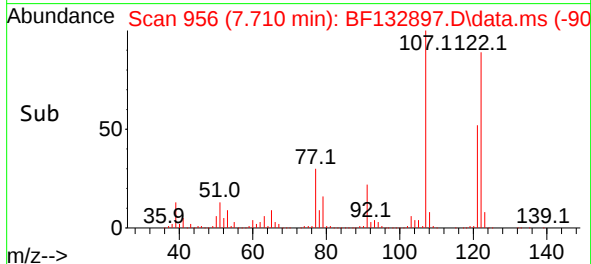
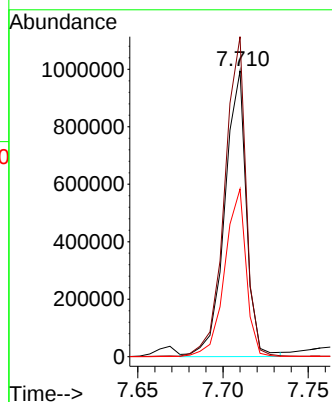
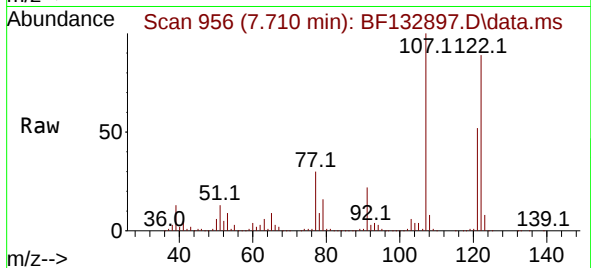




#27
2,4-Dimethylphenol
Concen: 45.323 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

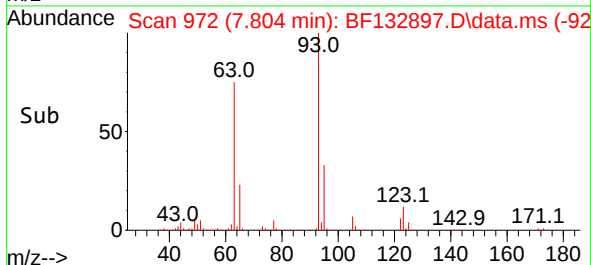
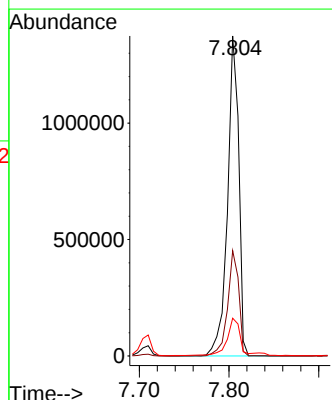
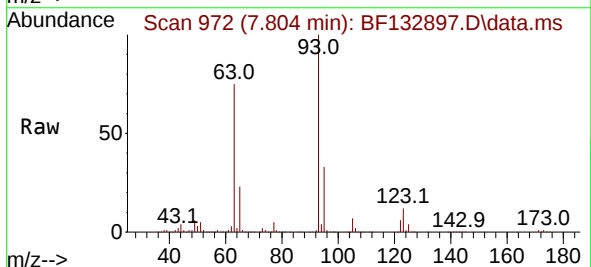
Instrument :
BNA_F
ClientSampleId :
PB152144BS

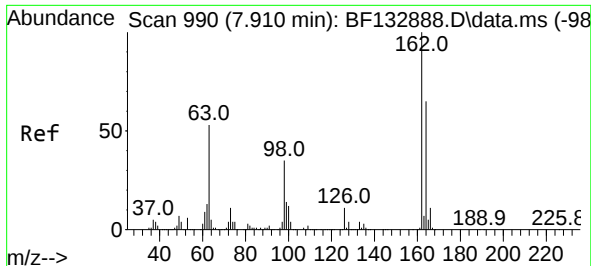
Tgt Ion:122 Resp: 878292
Ion Ratio Lower Upper
122 100
107 112.0 88.5 132.7
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.912 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 93 Resp: 1195646
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.8 9.3 13.9

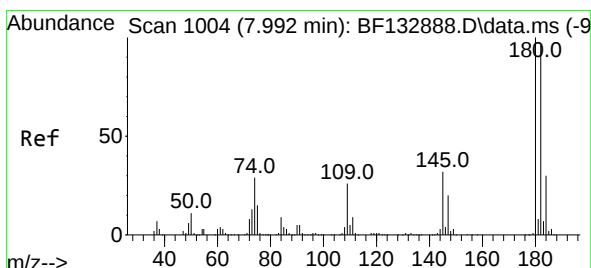
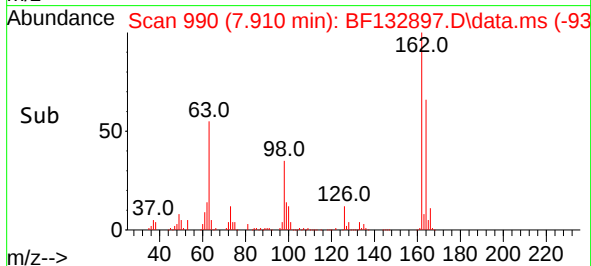
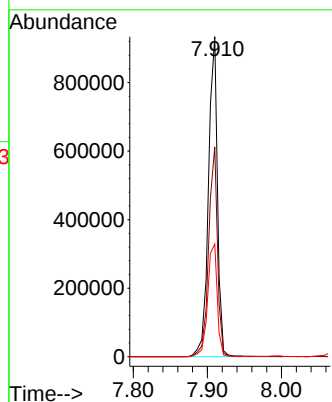
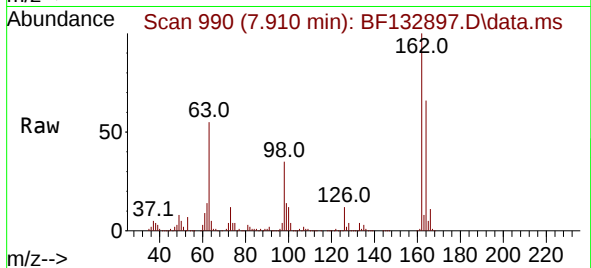




#29
2,4-Dichlorophenol
Concen: 43.955 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

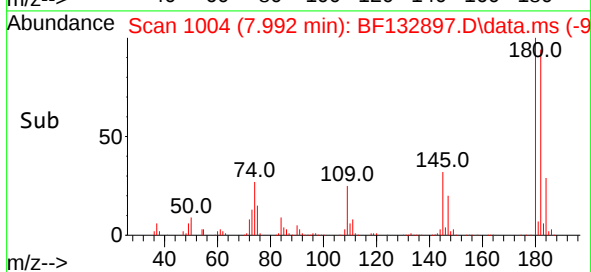
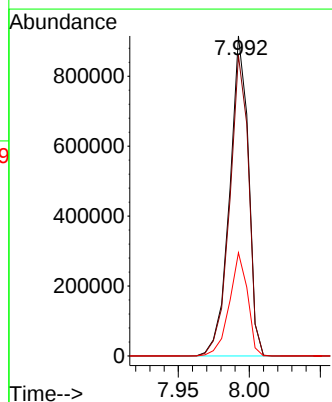
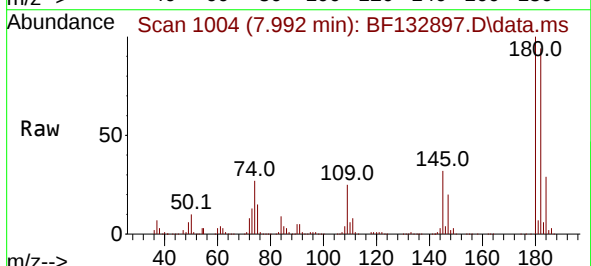
Instrument :
BNA_F
ClientSampleId :
PB152144BS

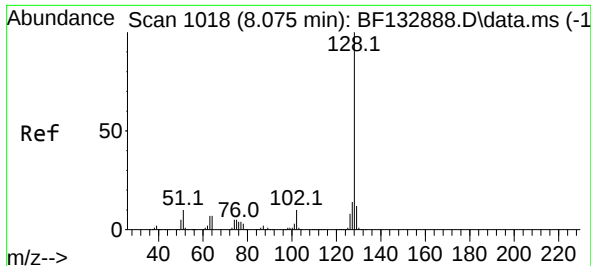
Tgt Ion:162 Resp: 792815
Ion Ratio Lower Upper
162 100
164 65.5 45.2 85.2
98 35.2 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 43.210 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:180 Resp: 841530
Ion Ratio Lower Upper
180 100
182 93.9 76.6 114.8
145 32.2 25.4 38.0

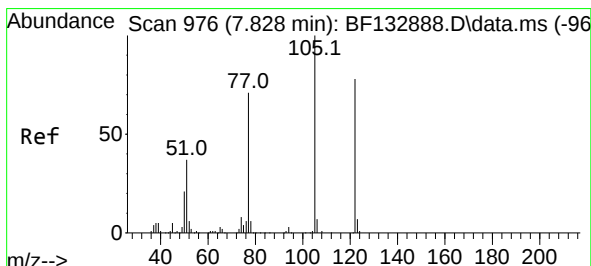
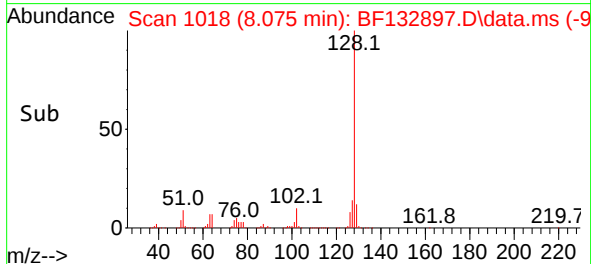
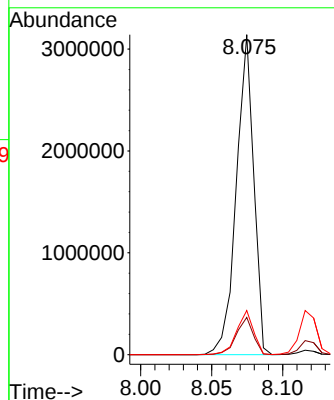
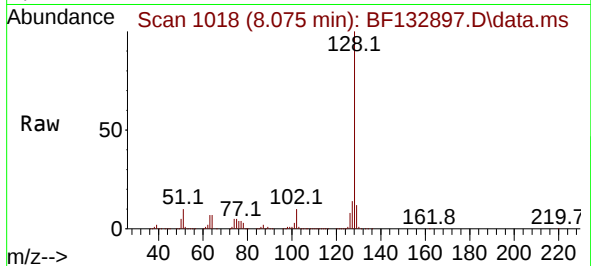




#31
Naphthalene
Concen: 41.465 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

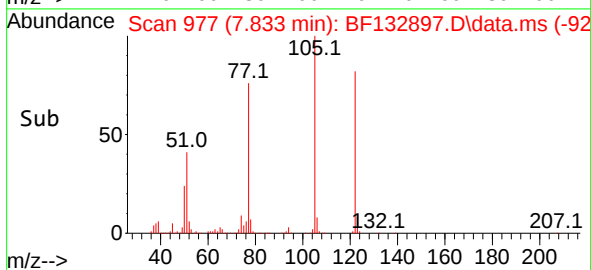
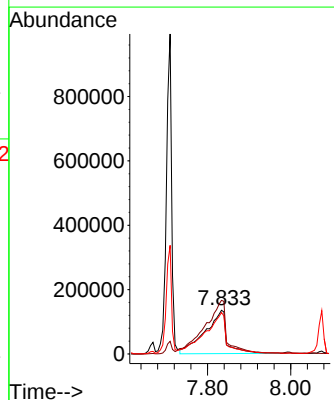
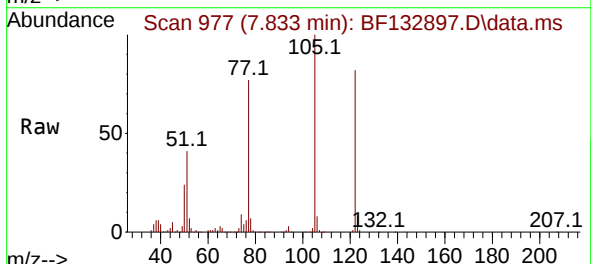
Instrument :
BNA_F
ClientSampleId :
PB152144BS

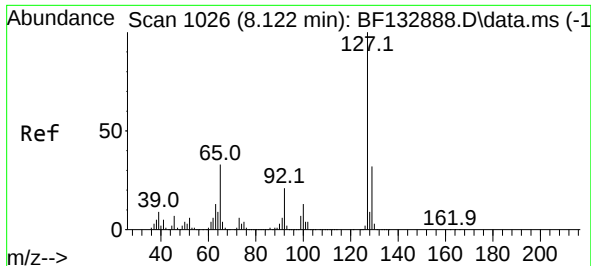
Tgt Ion:128 Resp: 2683380
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 50.569 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.005 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:122 Resp: 491407
Ion Ratio Lower Upper
122 100
105 122.6 104.5 144.5
77 94.8 71.2 111.2

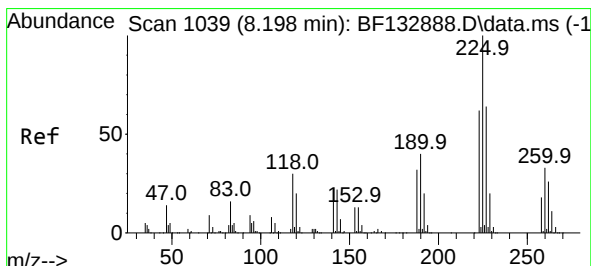
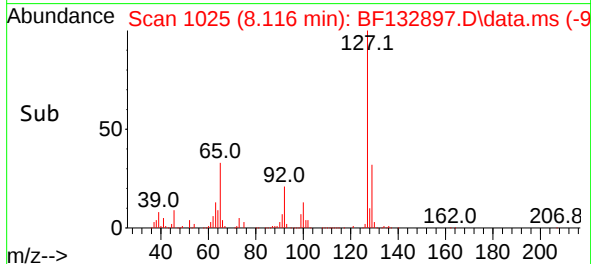
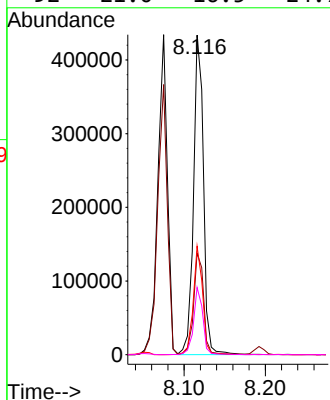
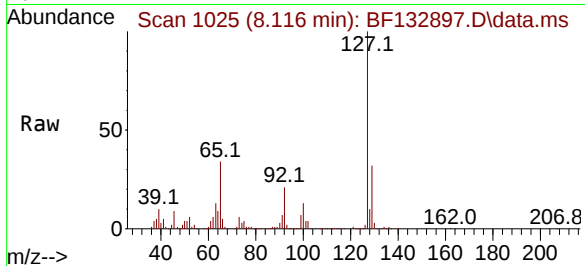




#33
4-Chloroaniline
Concen: 14.005 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

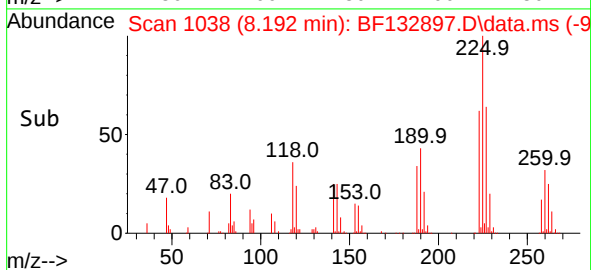
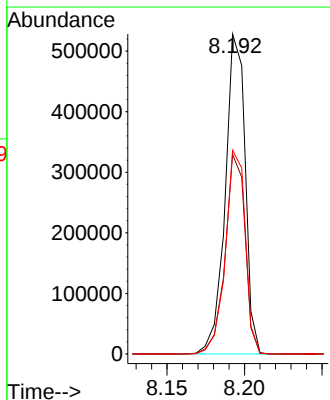
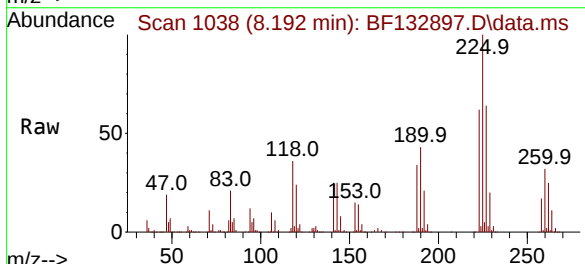
Instrument :
BNA_F
ClientSampleId :
PB152144BS

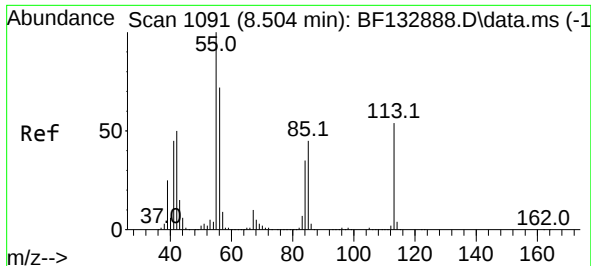
Tgt Ion:	127	Resp:	371204
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	33.9	26.7	40.1
92	21.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.349 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:	225	Resp:	471836
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	63.7	51.6	77.4

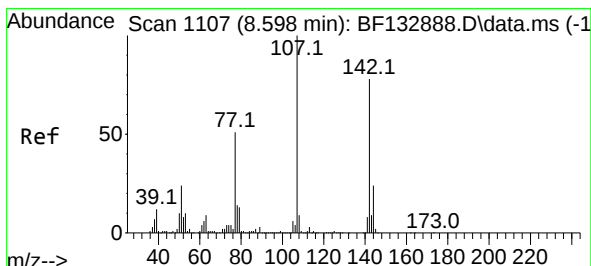
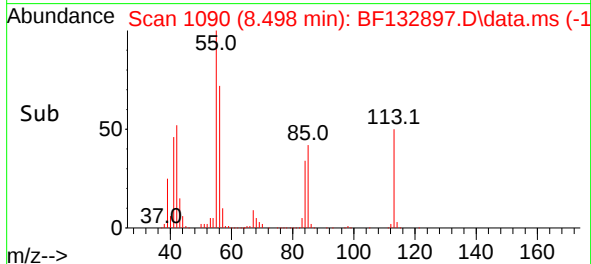
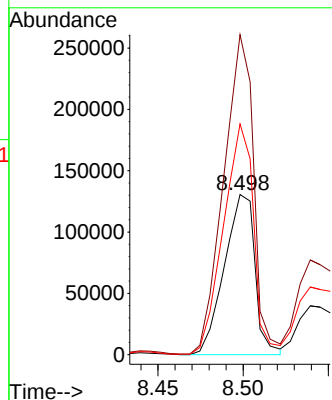
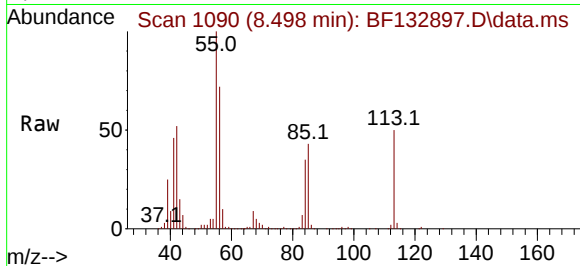




#35
 Caprolactam
 Concen: 30.381 ng
 RT: 8.498 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

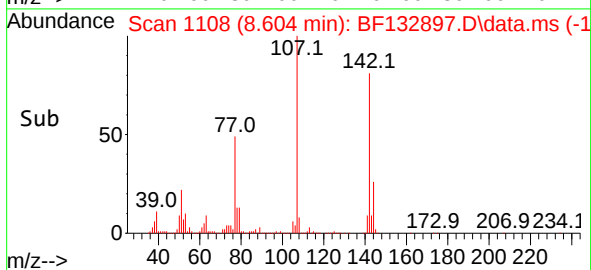
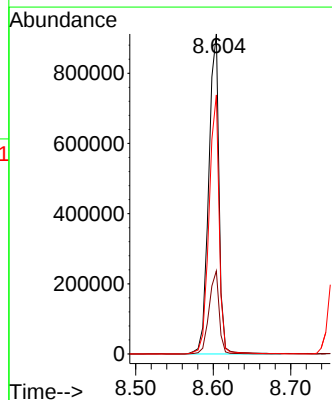
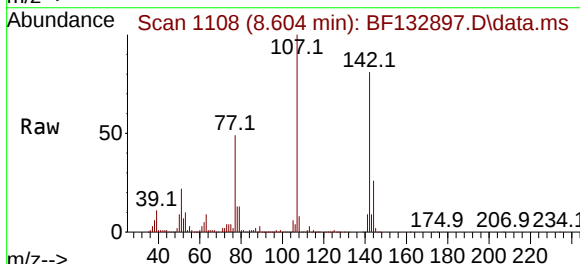
Instrument :
 BNA_F
 ClientSampleId :
 PB152144BS

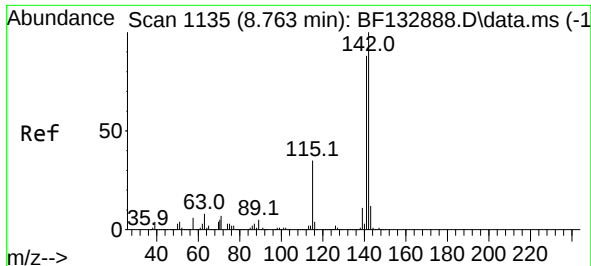
Tgt Ion:113 Resp: 163188
 Ion Ratio Lower Upper
 113 100
 55 199.7 166.0 206.0
 56 144.0 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.549 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

Tgt Ion:107 Resp: 843388
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.4 29.0
 142 81.0 62.2 93.2

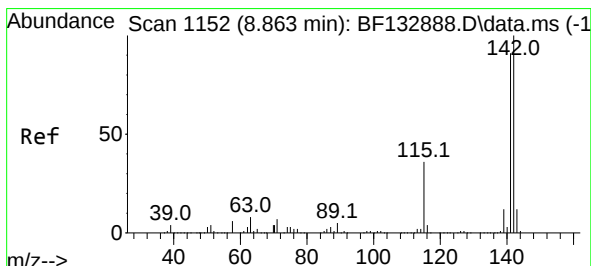
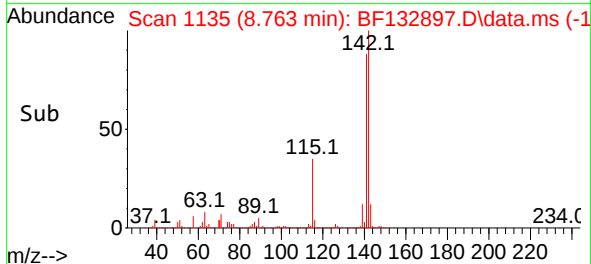
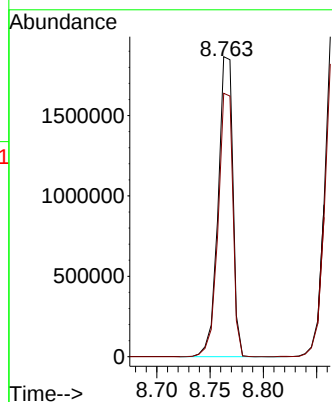
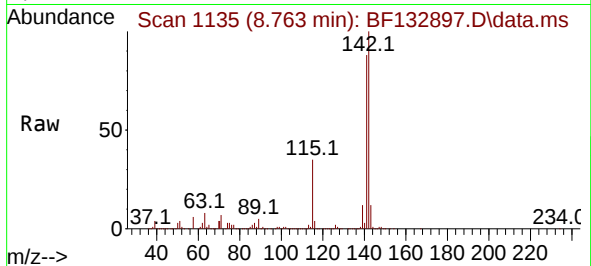




#37
2-Methylnaphthalene
Concen: 40.370 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

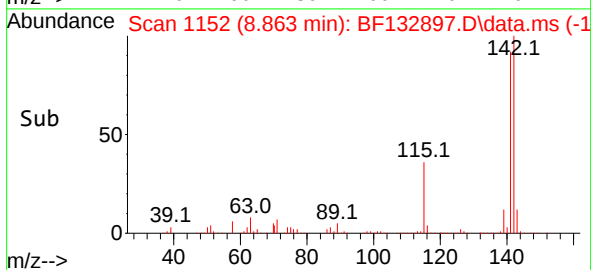
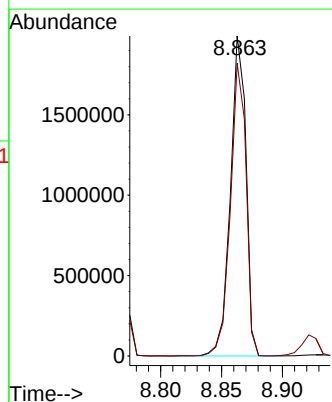
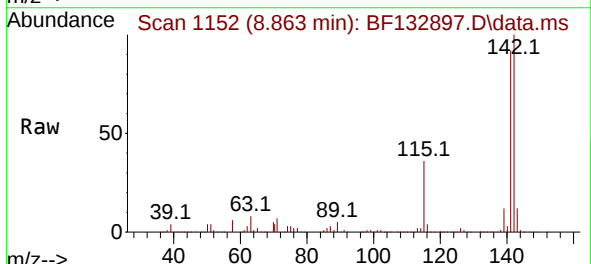
Instrument :
BNA_F
ClientSampleId :
PB152144BS

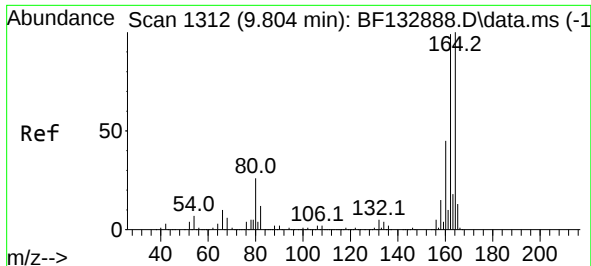
Tgt Ion:142 Resp: 1798173
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.576 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:142 Resp: 1767071
Ion Ratio Lower Upper
142 100
141 91.5 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

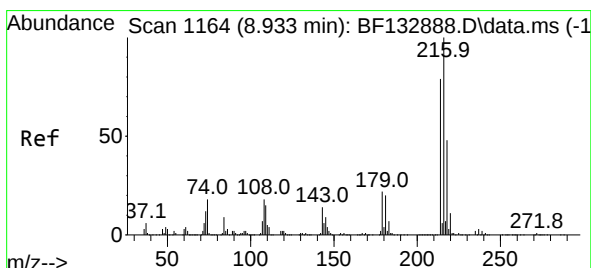
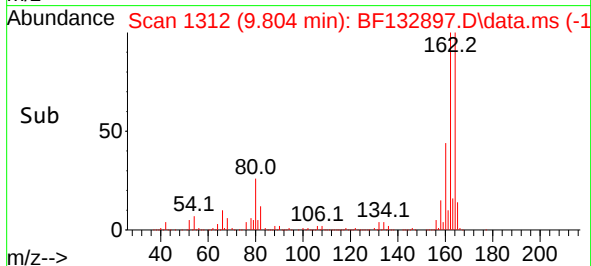
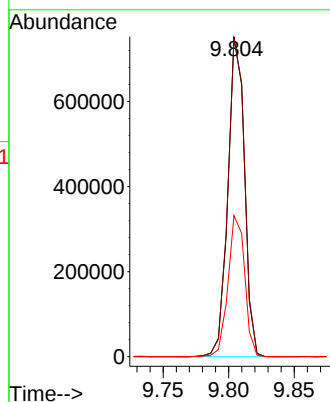
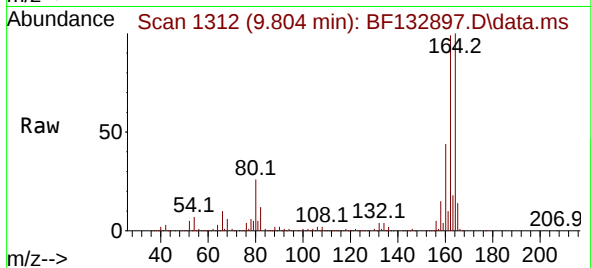
Tgt Ion:164 Resp: 658739

Ion Ratio Lower Upper

164 100

162 99.3 79.1 118.7

160 44.1 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.051 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Tgt Ion:216 Resp: 764876

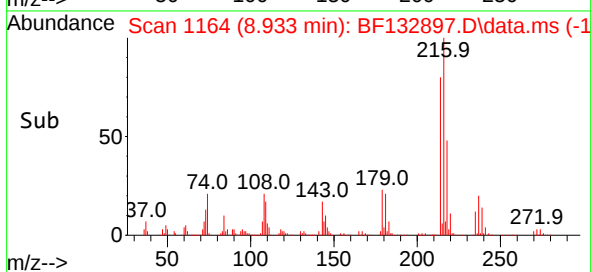
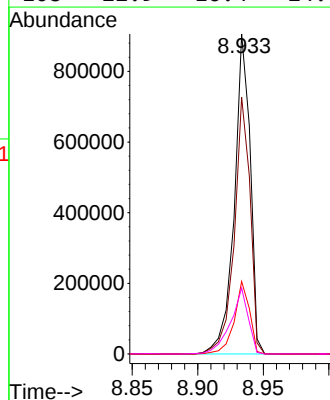
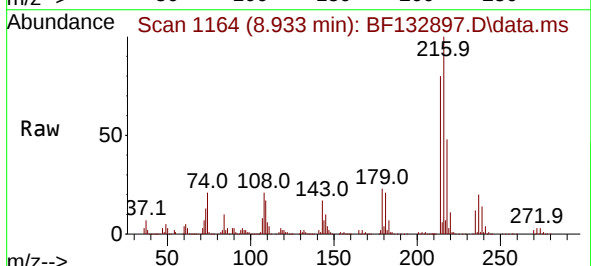
Ion Ratio Lower Upper

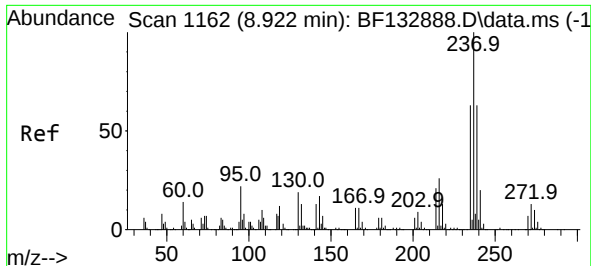
216 100

214 79.4 63.1 94.7

179 21.8 17.4 26.2

108 22.9 16.4 24.6

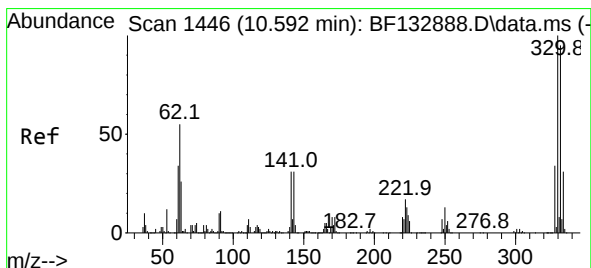
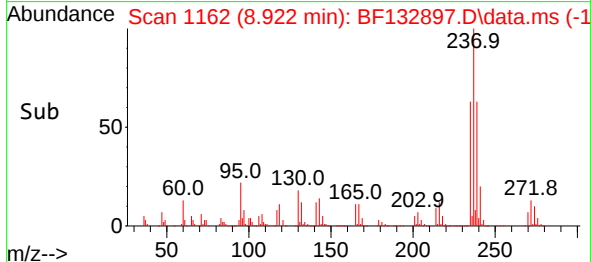
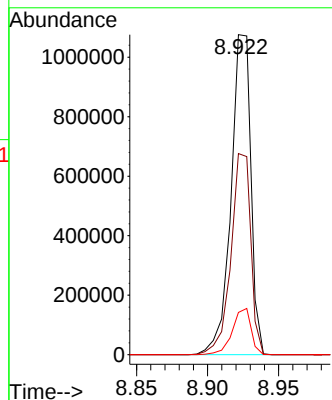
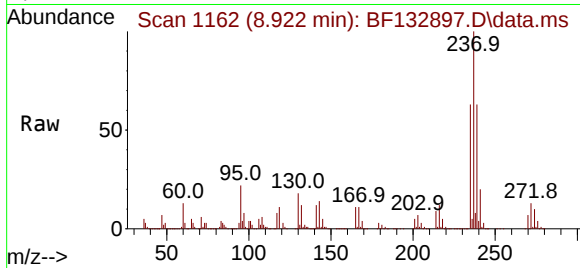




#41
Hexachlorocyclopentadiene
Concen: 106.562 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

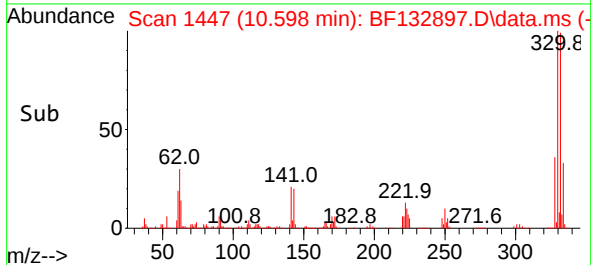
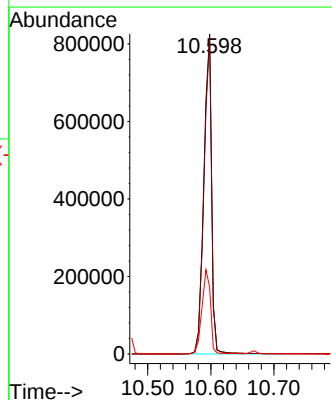
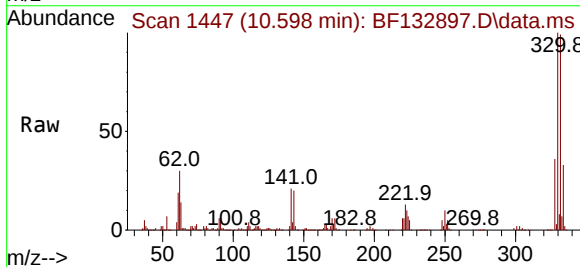
Instrument :
BNA_F
ClientSampleId :
PB152144BS

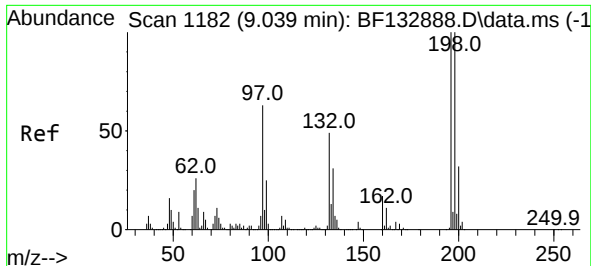
Tgt Ion:237 Resp: 1046506
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 13.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 106.654 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:330 Resp: 704685
Ion Ratio Lower Upper
330 100
332 96.7 76.3 114.5
141 28.9 23.9 35.9

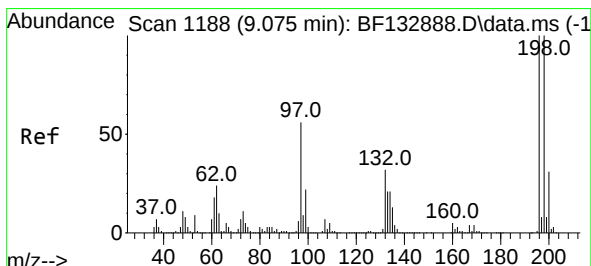
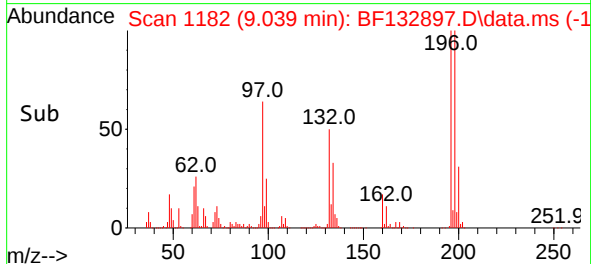
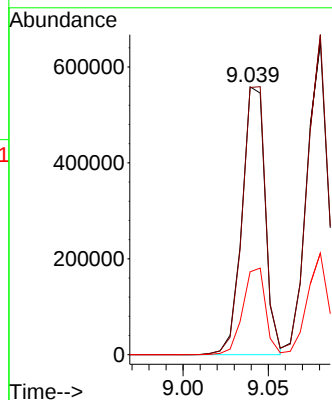
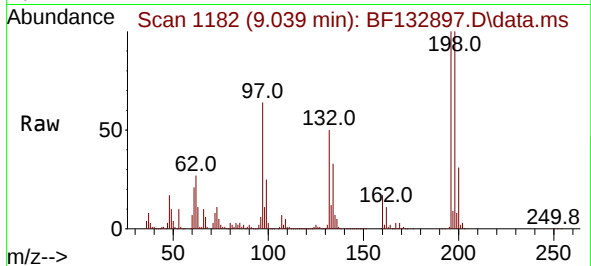




#43
2,4,6-Trichlorophenol
Concen: 44.690 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

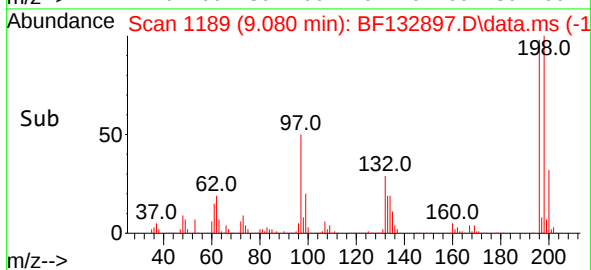
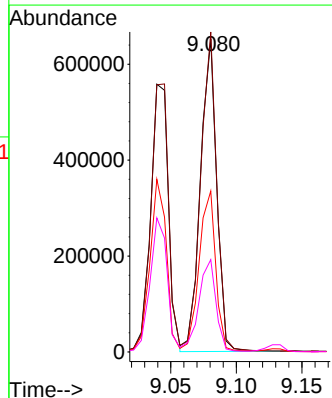
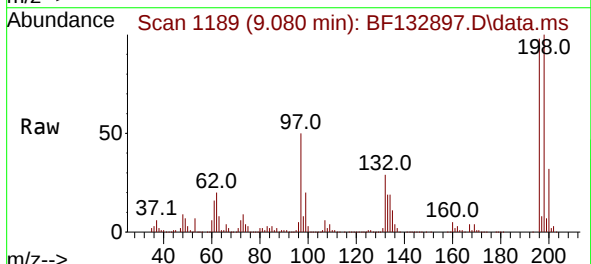
Instrument :
BNA_F
ClientSampleId :
PB152144BS

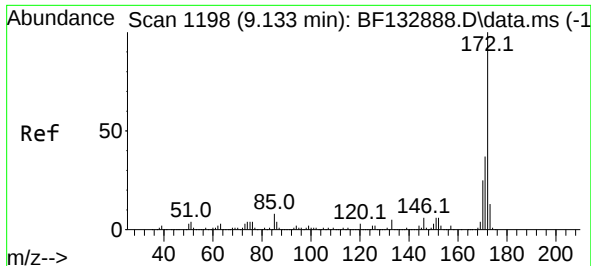
Tgt Ion:196 Resp: 527835
Ion Ratio Lower Upper
196 100
198 99.8 79.8 119.6
200 31.0 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 40.894 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:196 Resp: 564790
Ion Ratio Lower Upper
196 100
198 102.3 80.2 120.2
97 51.4 45.0 67.6
132 29.5 25.6 38.4

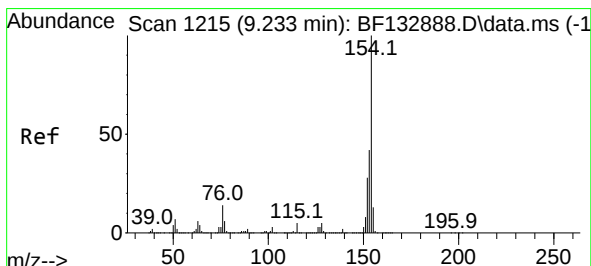
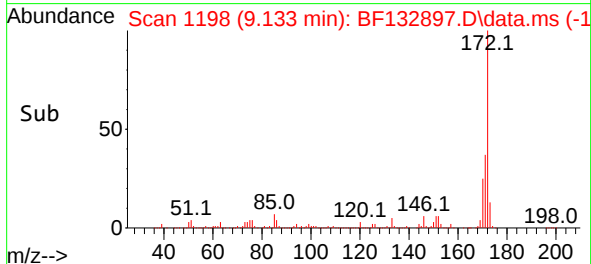
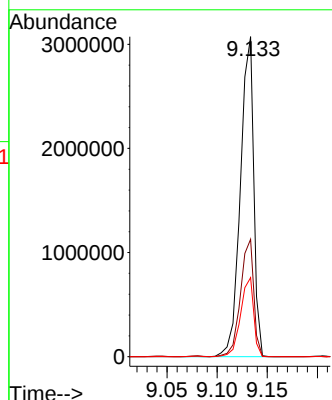
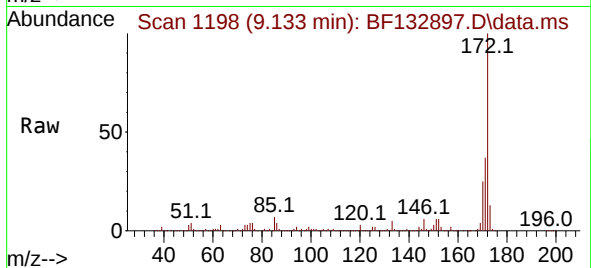




#45
2-Fluorobiphenyl
Concen: 66.690 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

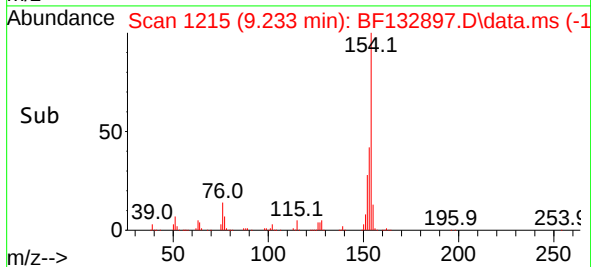
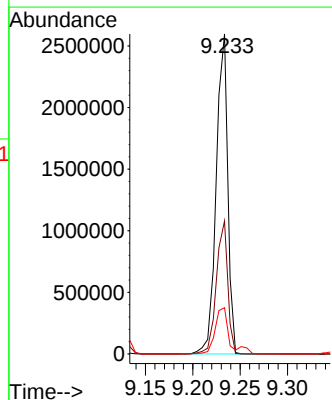
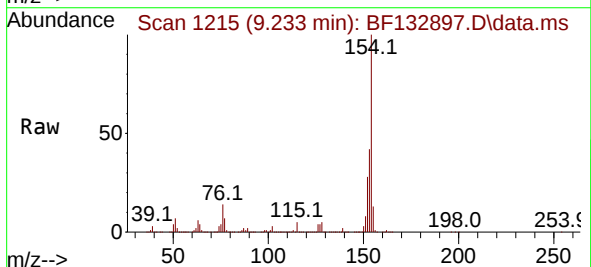
Instrument :
BNA_F
ClientSampleId :
PB152144BS

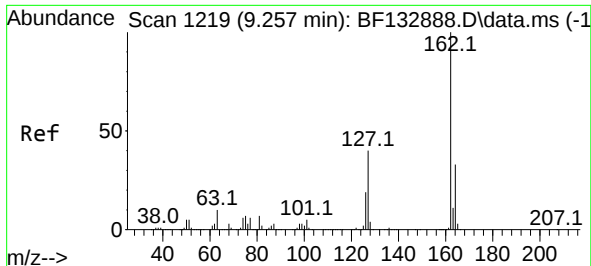
Tgt Ion:172 Resp: 2859702
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.002 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:154 Resp: 2193364
Ion Ratio Lower Upper
154 100
153 41.6 21.8 61.8
76 14.5 0.0 34.0

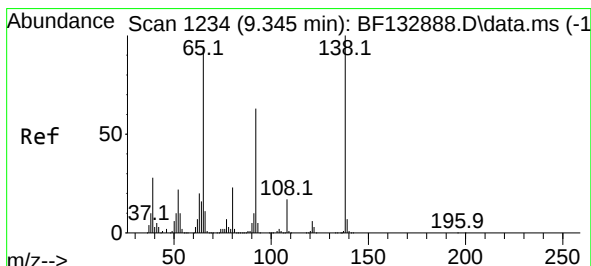
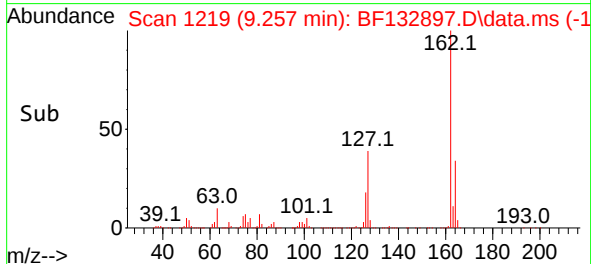
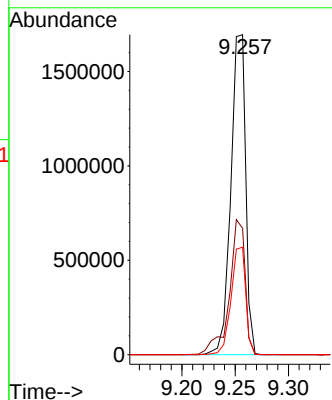
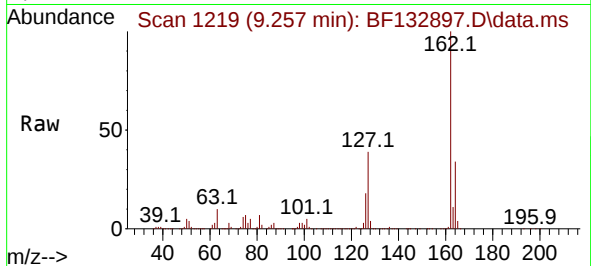




#47
2-Chloronaphthalene
Concen: 42.585 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

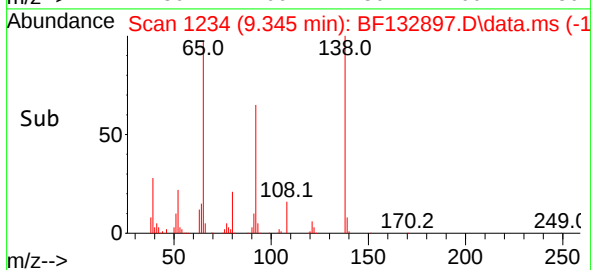
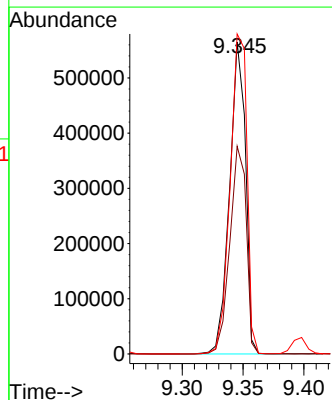
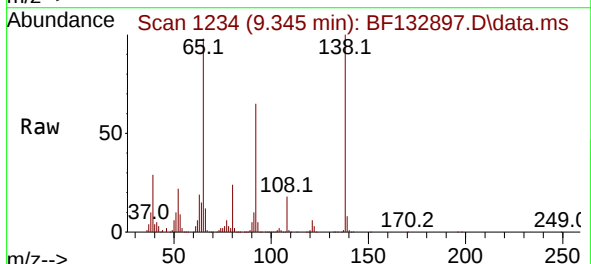
Instrument :
BNA_F
ClientSampleId :
PB152144BS

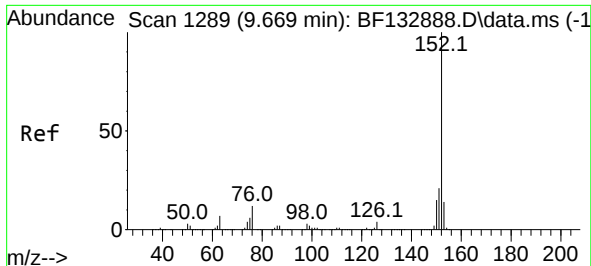
Tgt Ion:162 Resp: 1645670
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 33.6 26.5 39.7



#48
2-Nitroaniline
Concen: 45.895 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 65 Resp: 513082
Ion Ratio Lower Upper
65 100
92 66.6 53.5 80.3
138 102.5 84.8 127.2





#49

Acenaphthylene

Concen: 41.052 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

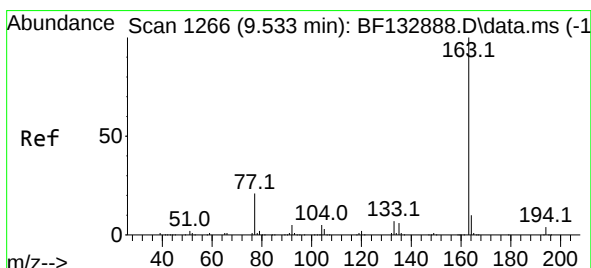
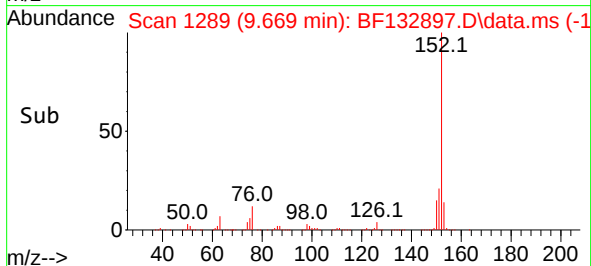
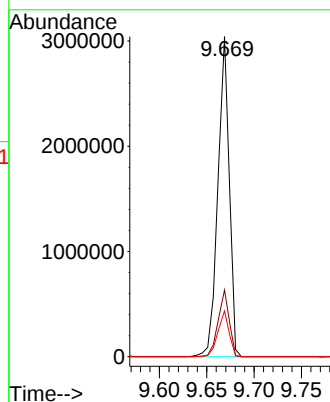
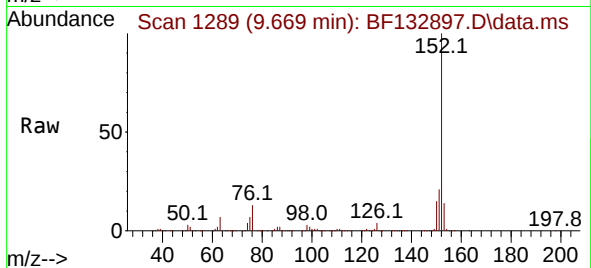
Tgt Ion:152 Resp: 2530279

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 42.065 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

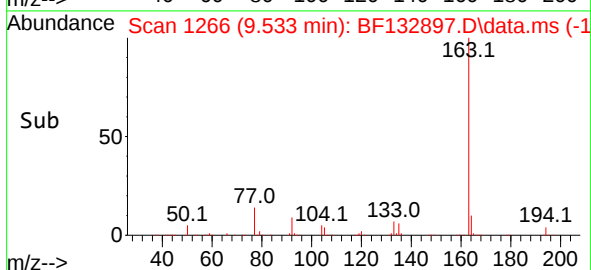
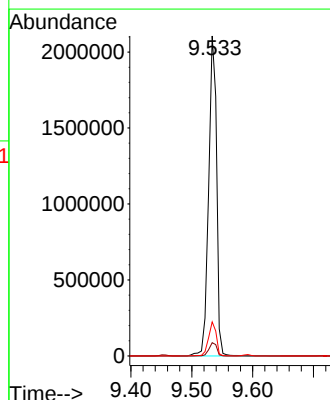
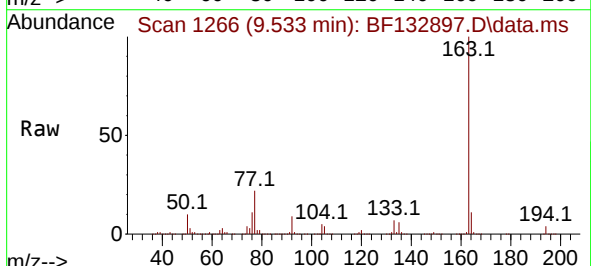
Tgt Ion:163 Resp: 1915745

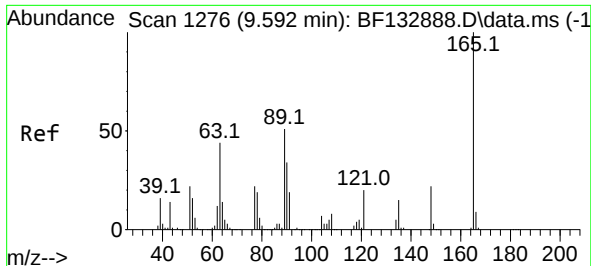
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.7 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 44.108 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

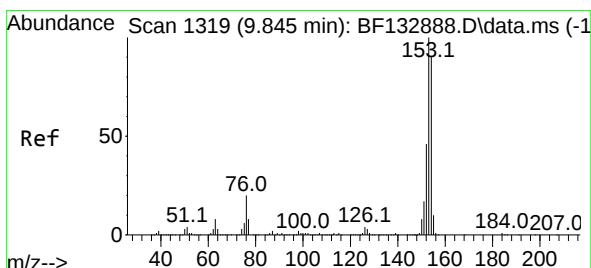
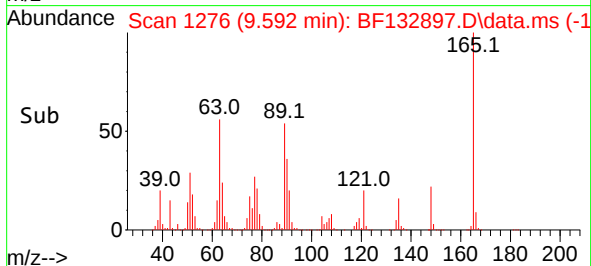
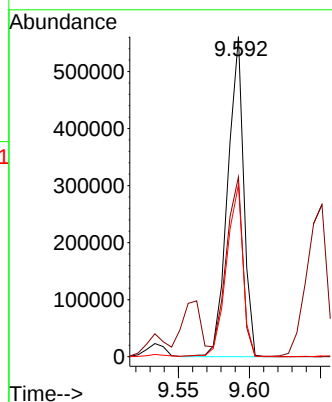
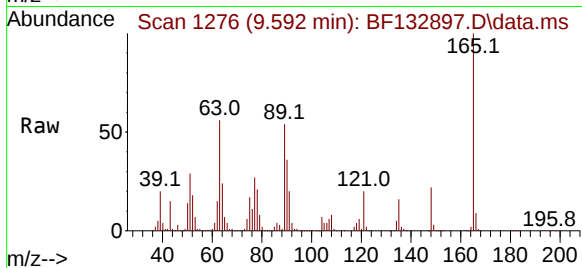
Tgt Ion:165 Resp: 440433

Ion Ratio Lower Upper

165 100

63 56.2 42.6 63.8

89 53.8 41.0 61.4



#52

Acenaphthene

Concen: 44.671 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

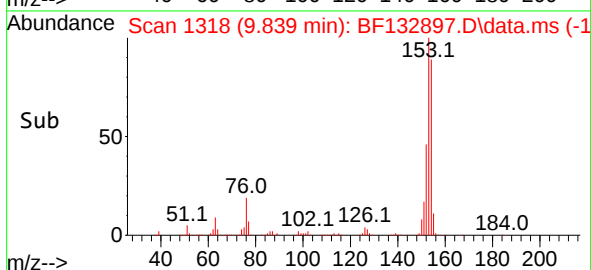
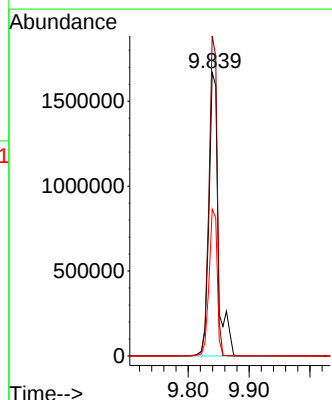
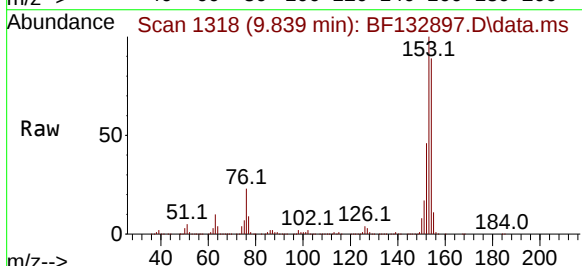
Tgt Ion:154 Resp: 1774233

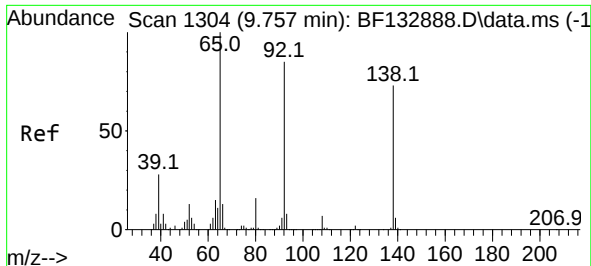
Ion Ratio Lower Upper

154 100

153 112.9 88.8 133.2

152 51.8 41.2 61.8

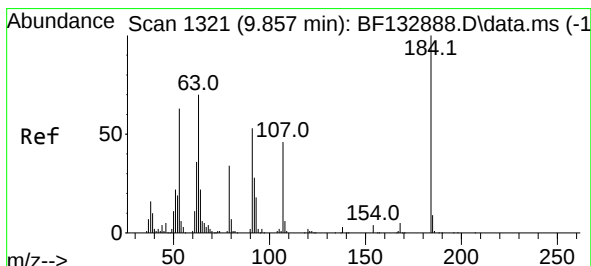
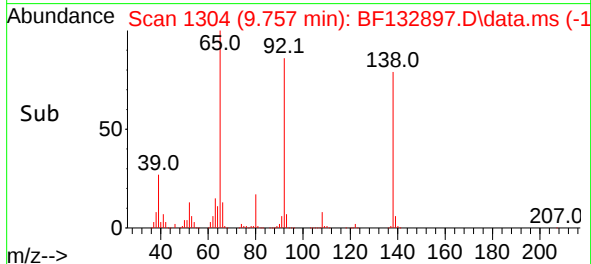
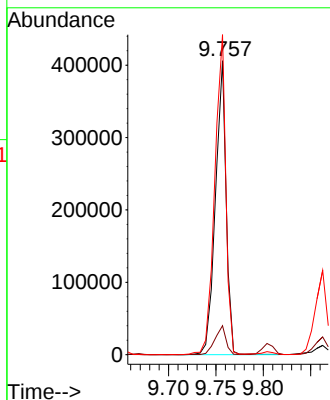
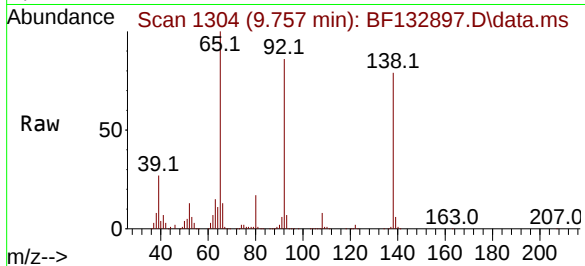




#53
3-Nitroaniline
Concen: 28.059 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

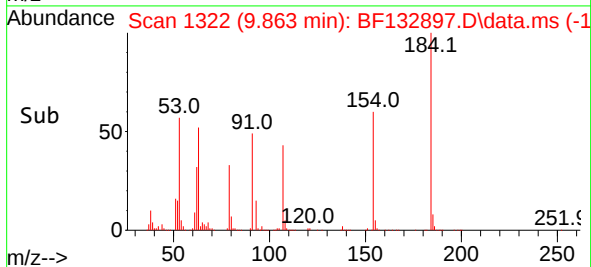
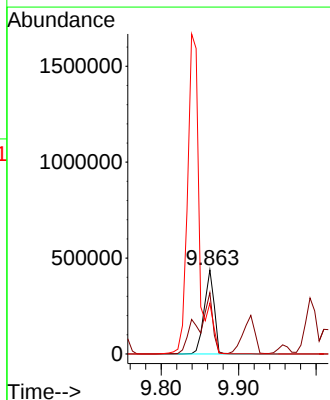
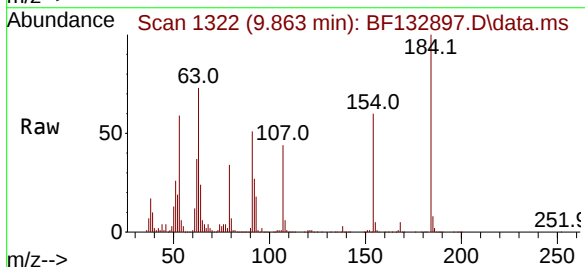
Instrument :
BNA_F
ClientSampleId :
PB152144BS

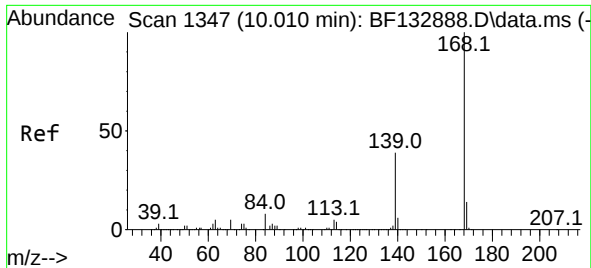
Tgt Ion:138 Resp: 318821
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 108.9 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 100.745 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:184 Resp: 391873
Ion Ratio Lower Upper
184 100
63 72.8 62.7 94.1
154 60.3 49.9 74.9

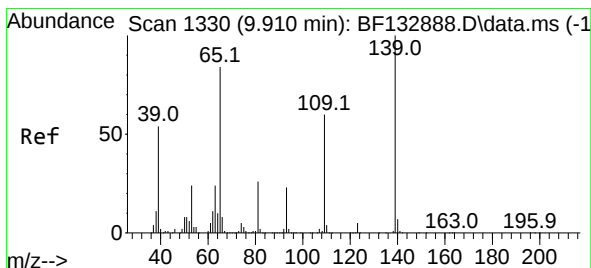
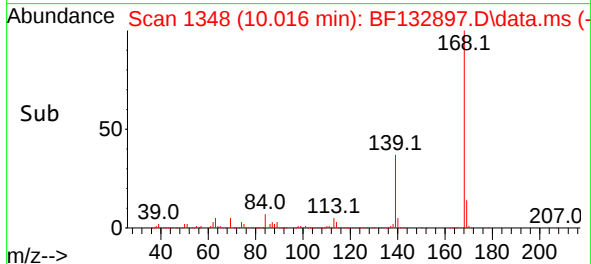
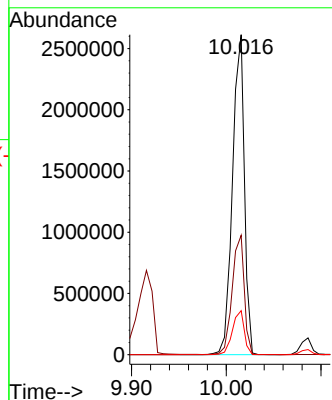
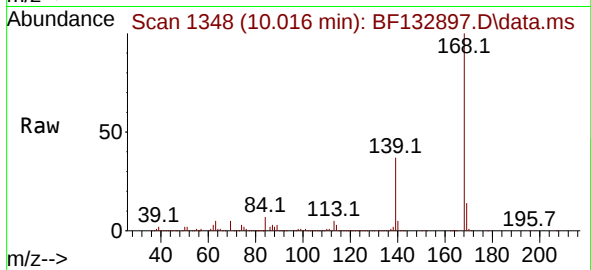




#55
Dibenzenofuran
Concen: 40.496 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

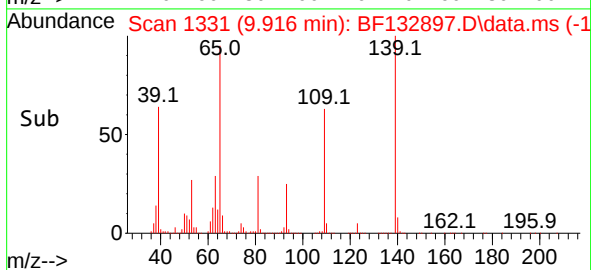
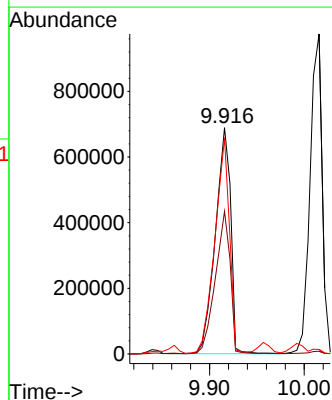
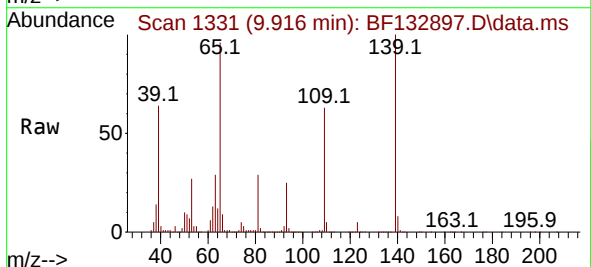
Instrument :
BNA_F
ClientSampleId :
PB152144BS

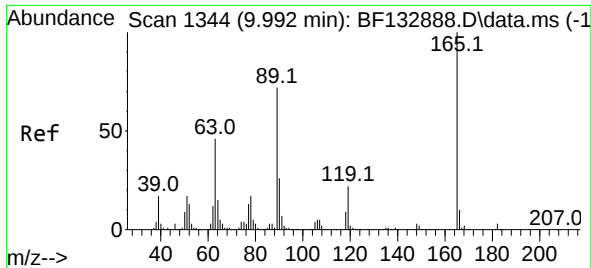
Tgt Ion:168 Resp: 2282003
Ion Ratio Lower Upper
168 100
139 37.3 31.4 47.0
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 91.891 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

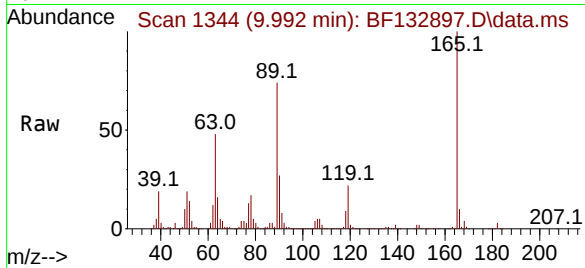
Tgt Ion:139 Resp: 775614
Ion Ratio Lower Upper
139 100
109 63.1 40.4 80.4
65 95.5 64.2 104.2



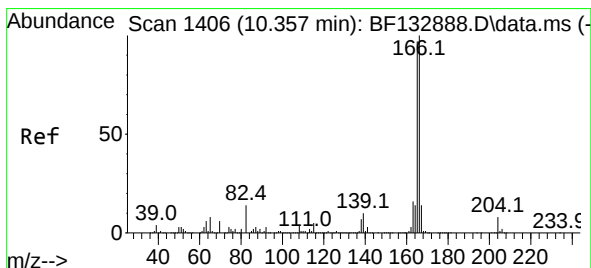
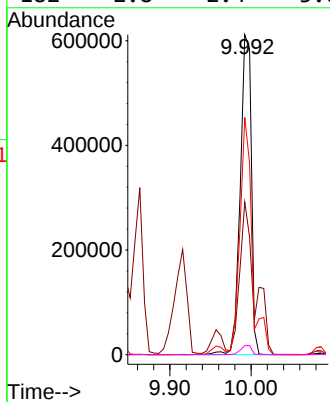
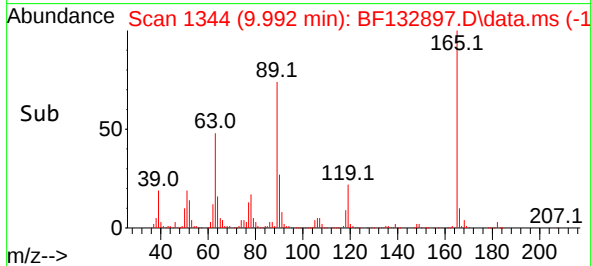


#57
2,4-Dinitrotoluene
Concen: 46.958 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

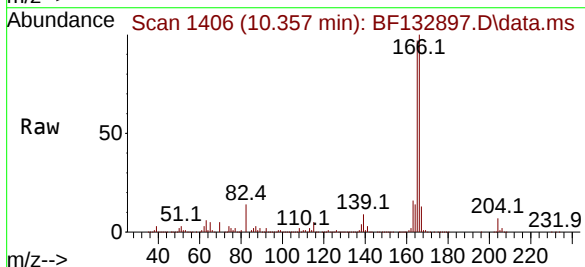
Instrument :
BNA_F
ClientSampleId :
PB152144BS



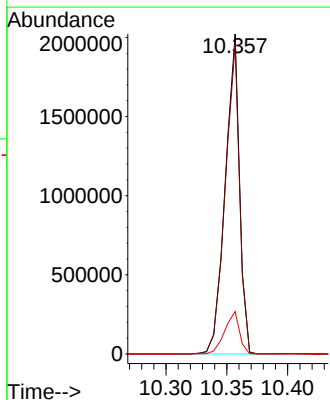
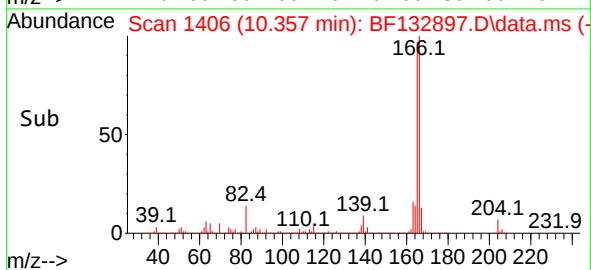
Tgt Ion:165 Resp: 578696
Ion Ratio Lower Upper
165 100
63 47.7 37.0 55.6
89 74.1 57.8 86.6
182 2.8 2.4 3.6

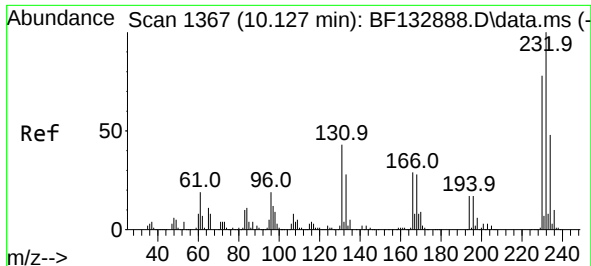


#58
Fluorene
Concen: 40.016 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12



Tgt Ion:166 Resp: 1651813
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.2 11.0 16.4

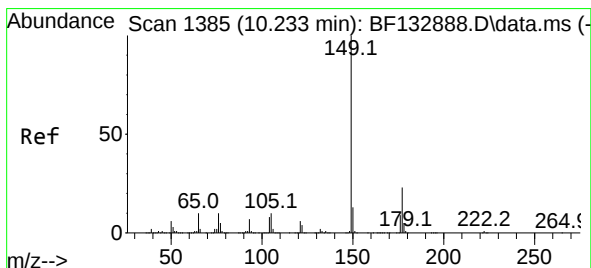
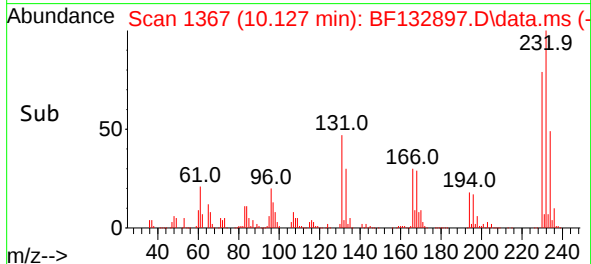
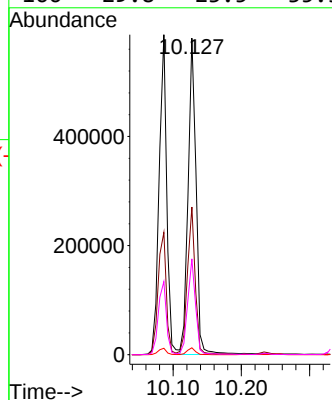
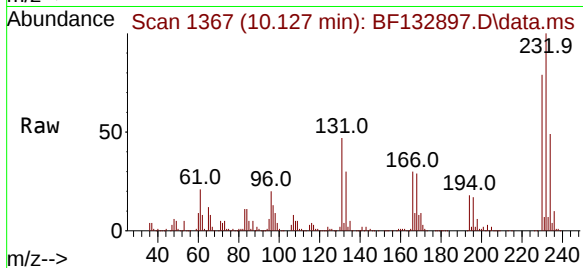




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.026 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

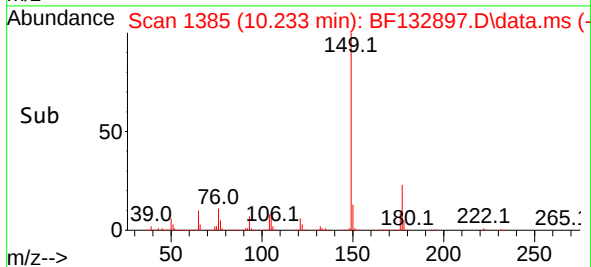
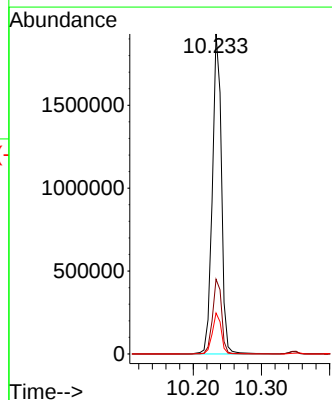
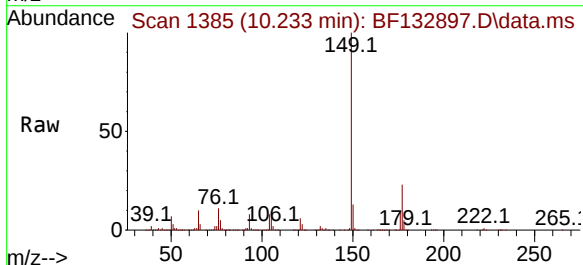
Instrument :
BNA_F
ClientSampleId :
PB152144BS

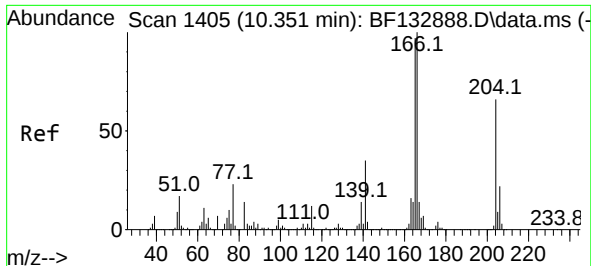
Tgt Ion:232 Resp: 471912
Ion Ratio Lower Upper
232 100
131 45.7 35.9 53.9
130 2.2 1.8 2.8
166 29.8 23.5 35.3



#60
Diethylphthalate
Concen: 42.187 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:149 Resp: 1795382
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.8 10.3 15.5

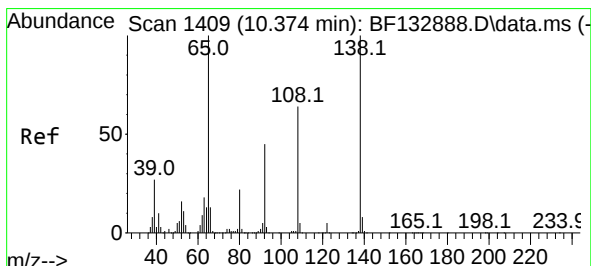
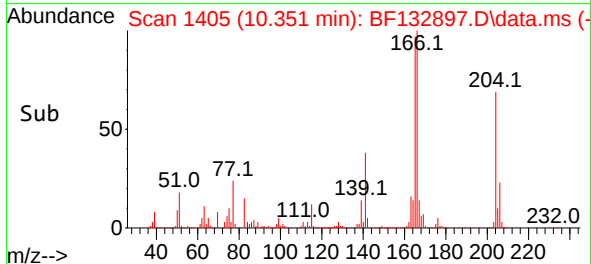
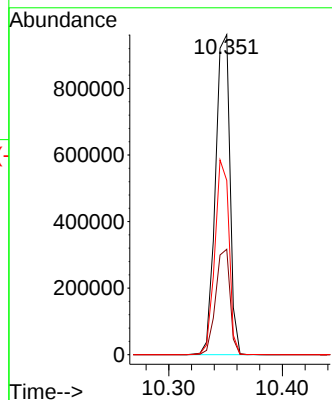
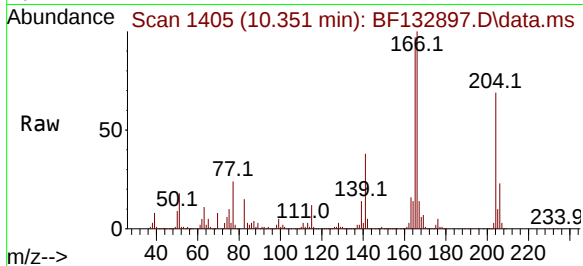




#61
4-Chlorophenyl-phenylether
Concen: 40.591 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

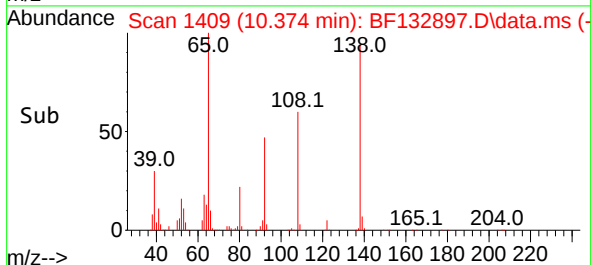
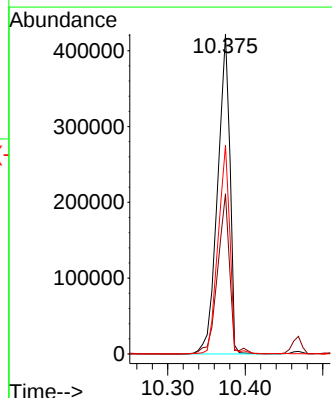
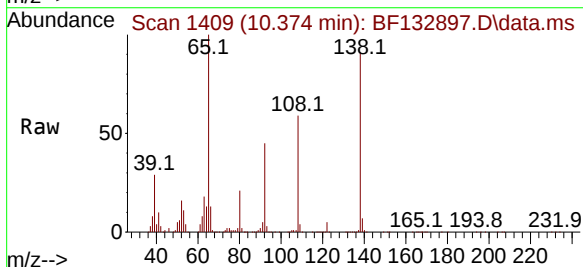
Instrument :
BNA_F
ClientSampleId :
PB152144BS

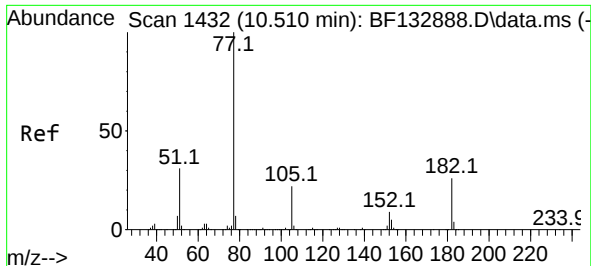
Tgt Ion:204 Resp: 852246
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 54.4 43.1 64.7



#62
4-Nitroaniline
Concen: 42.726 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:138 Resp: 466625
Ion Ratio Lower Upper
138 100
92 50.1 25.0 65.0
108 65.2 44.2 84.2



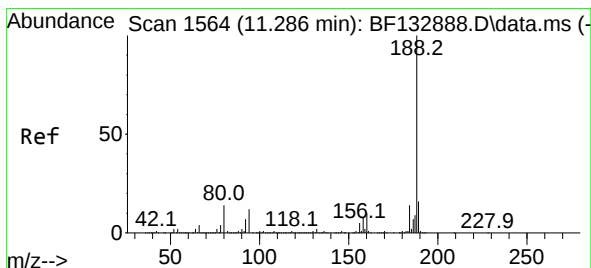
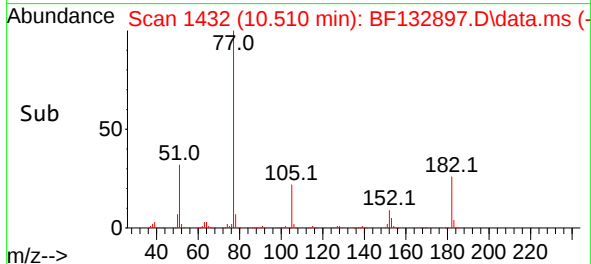
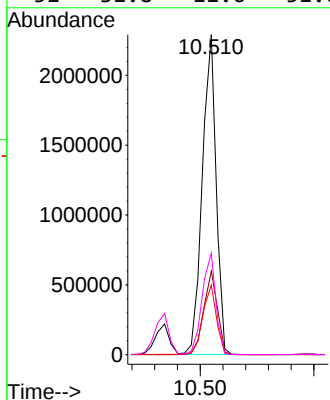
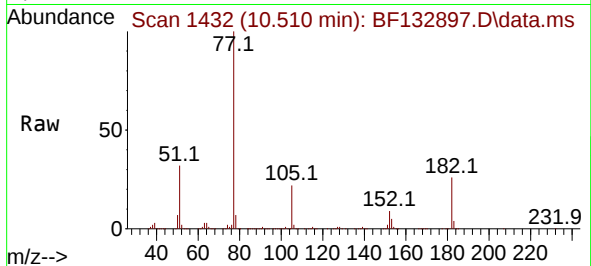


#63
Azobenzene
Concen: 40.635 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Instrument :
BNA_F
ClientSampleId :
PB152144BS

Tgt Ion: 77 Resp: 1931714

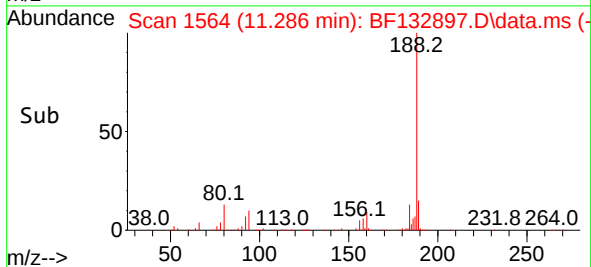
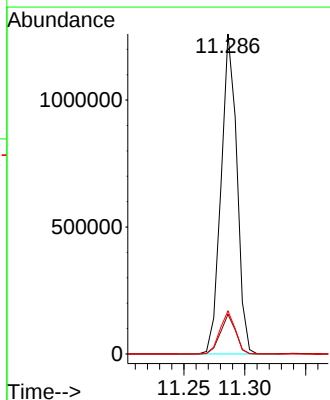
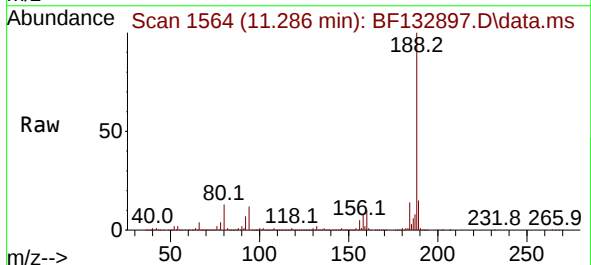
Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.0	46.0
105	21.7	1.6	41.6
51	31.8	11.6	51.6

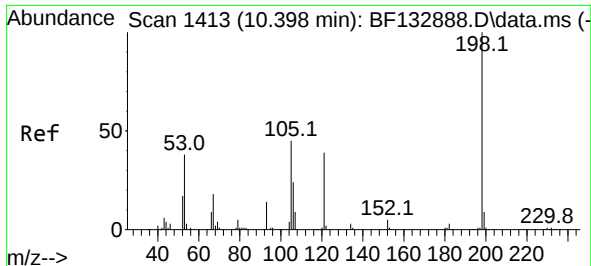


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion: 188 Resp: 1141316

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.9	14.9
80	13.4	10.8	16.2

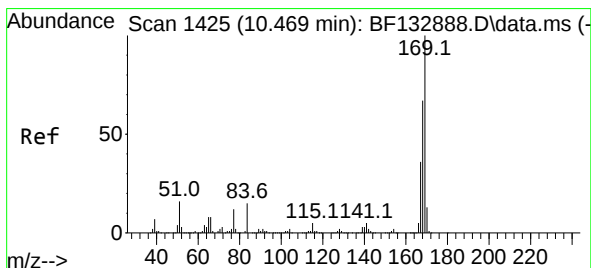
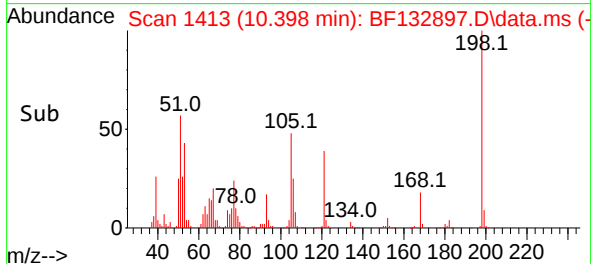
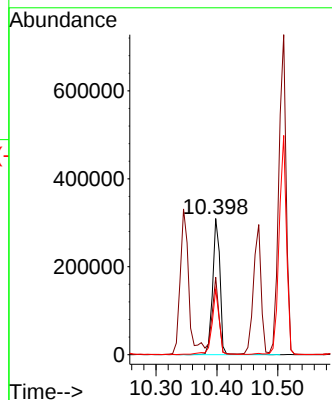
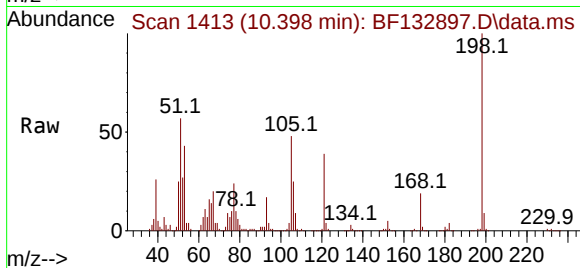




#65
4,6-Dinitro-2-methylphenol
Concen: 47.410 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

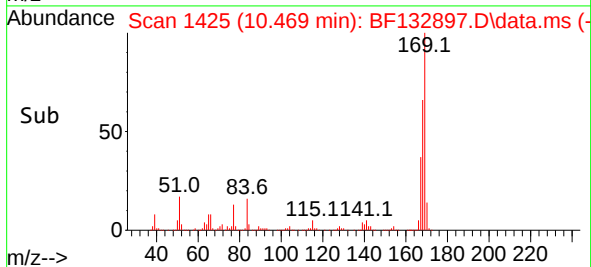
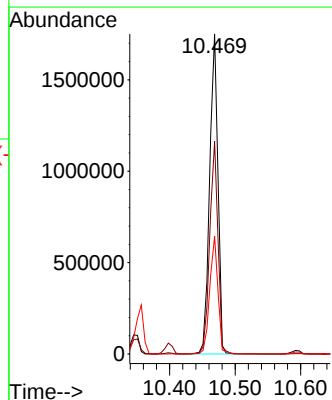
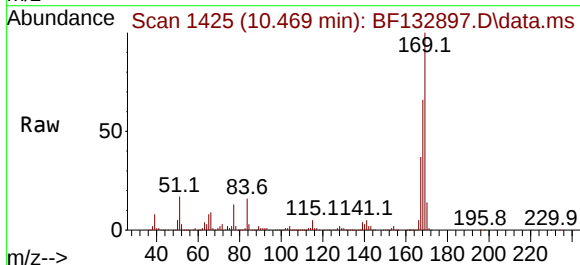
Instrument :
BNA_F
ClientSampleId :
PB152144BS

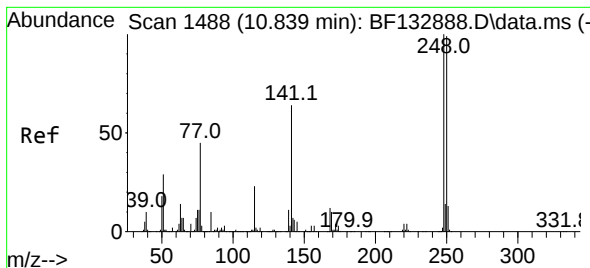
Tgt Ion:198 Resp: 259137
Ion Ratio Lower Upper
198 100
51 56.9 34.6 74.6
105 48.2 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 41.467 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:169 Resp: 1541356
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.8 29.0 43.6

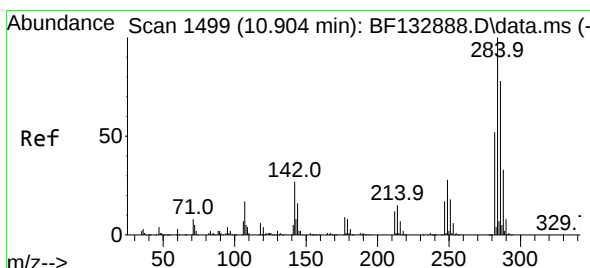
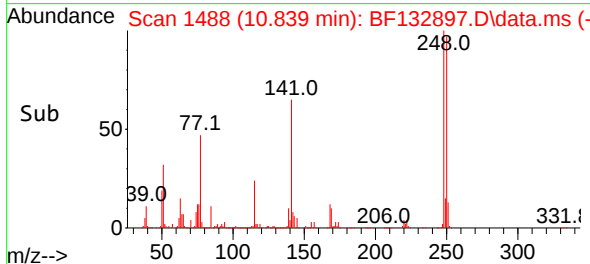
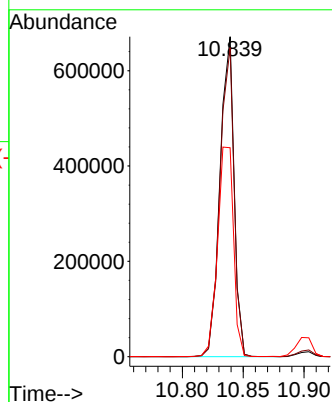
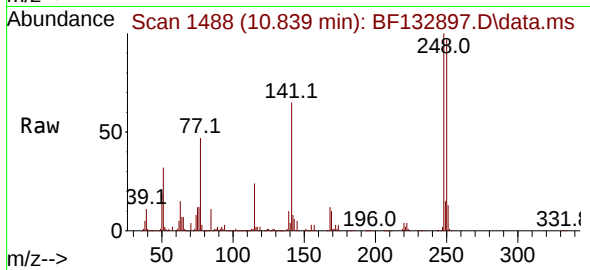




#67
4-Bromophenyl-phenylether
Concen: 41.595 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

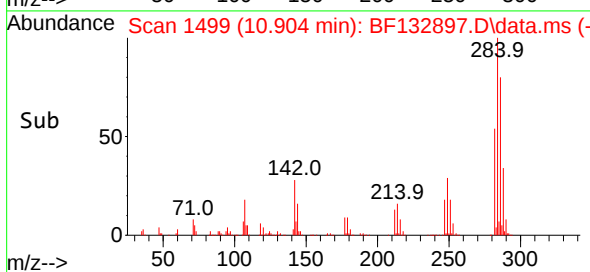
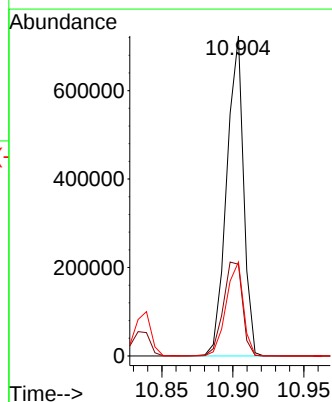
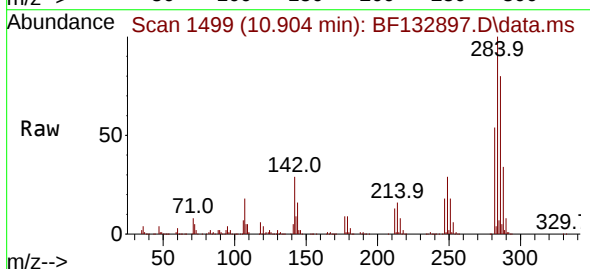
Instrument :
BNA_F
ClientSampleId :
PB152144BS

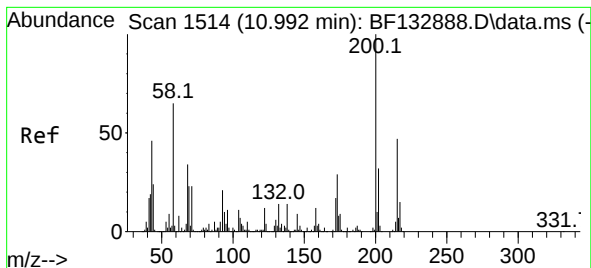
Tgt Ion:248 Resp: 542091
Ion Ratio Lower Upper
248 100
250 96.6 79.1 118.7
141 65.3 51.0 76.6



#68
Hexachlorobenzene
Concen: 44.194 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:284 Resp: 597547
Ion Ratio Lower Upper
284 100
142 28.6 22.0 33.0
249 29.3 22.6 34.0





#69

Atrazine

Concen: 47.843 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

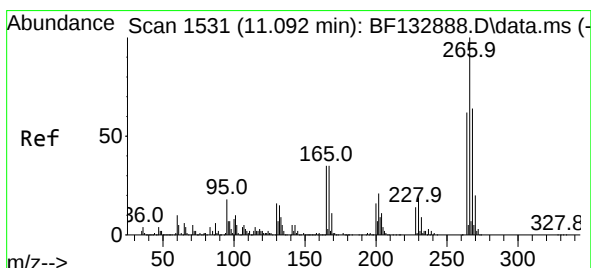
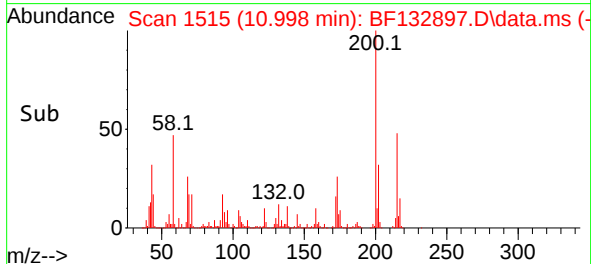
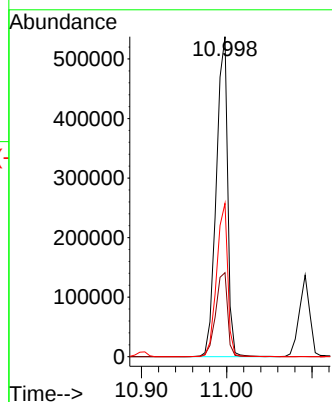
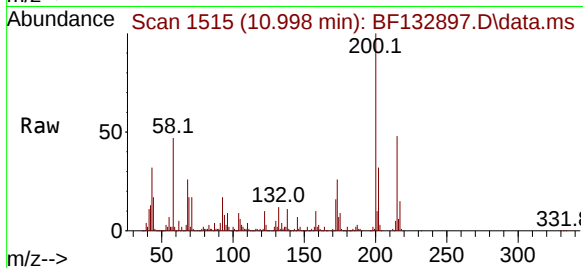
Tgt Ion:200 Resp: 497063

Ion Ratio Lower Upper

200 100

173 26.3 8.7 48.7

215 47.9 27.2 67.2



#70

Pentachlorophenol

Concen: 79.740 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

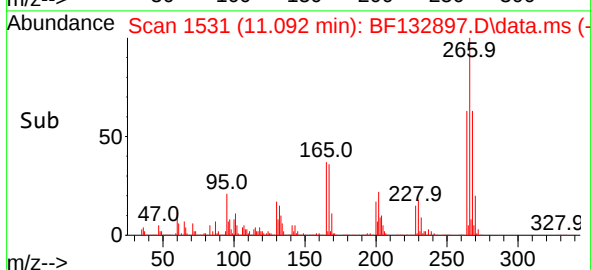
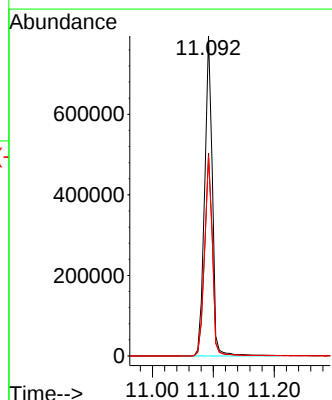
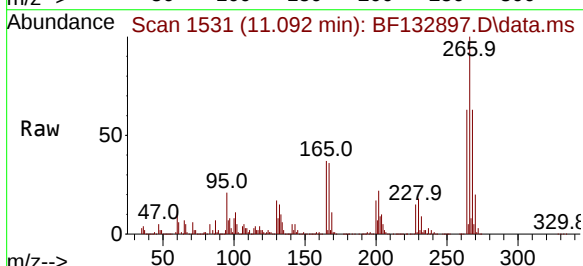
Tgt Ion:266 Resp: 695736

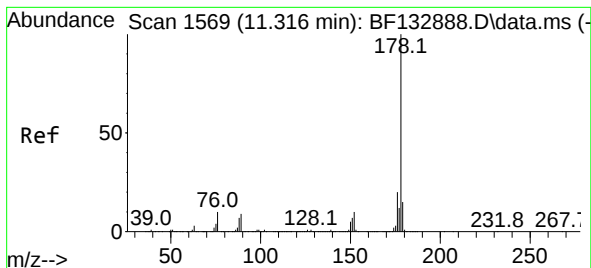
Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

264 62.5 49.8 74.6





#71

Phenanthrene

Concen: 40.391 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

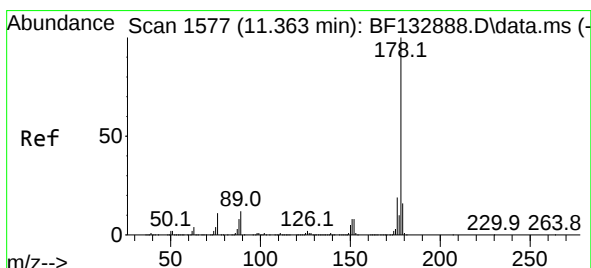
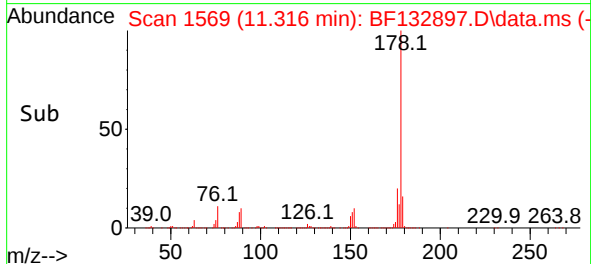
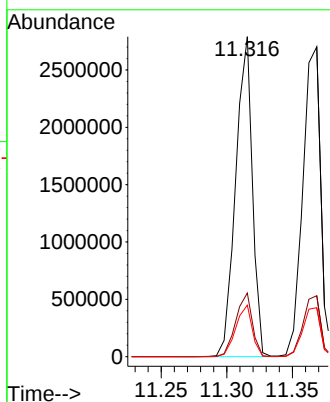
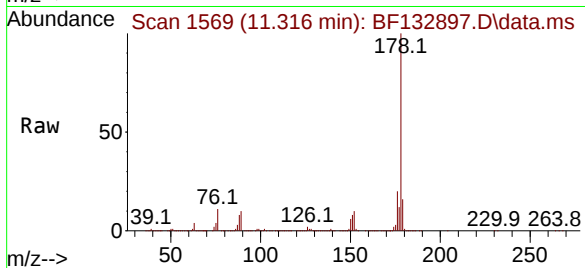
Tgt Ion:178 Resp: 2479644

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.1 12.3 18.5



#72

Anthracene

Concen: 40.327 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

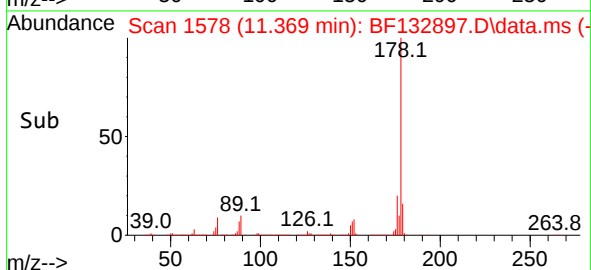
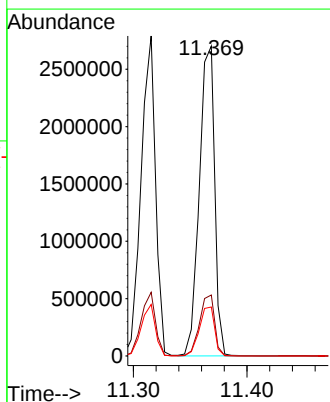
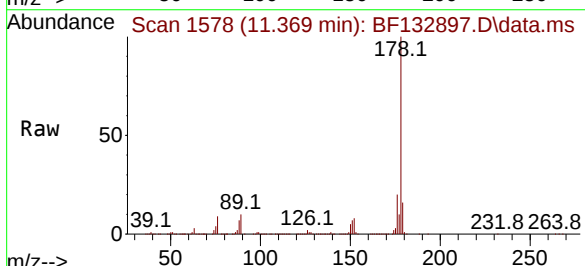
Tgt Ion:178 Resp: 2534324

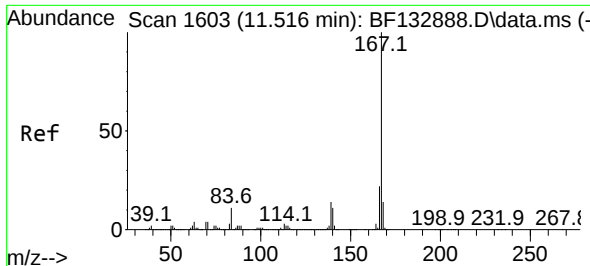
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.8 12.8 19.2

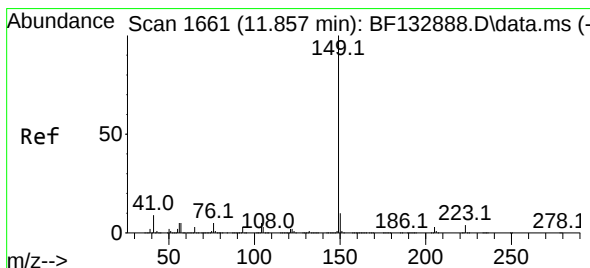
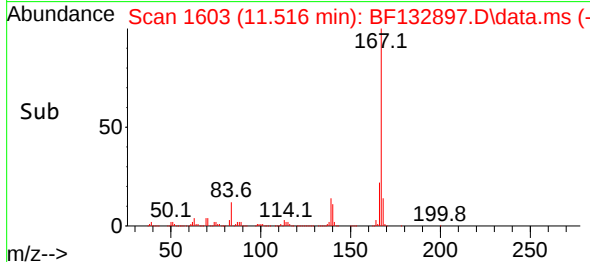
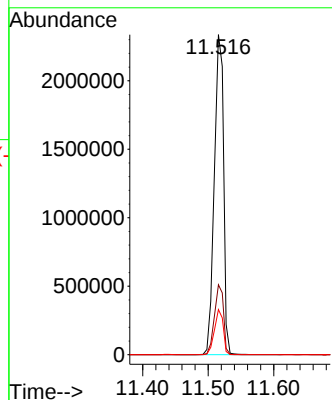
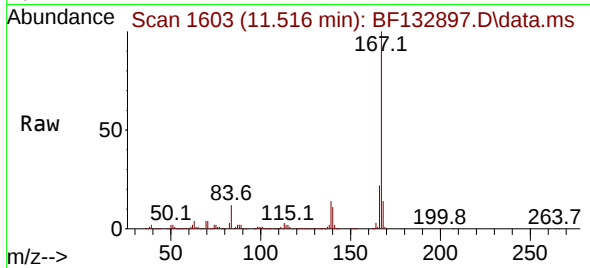




#73
 Carbazole
 Concen: 42.267 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

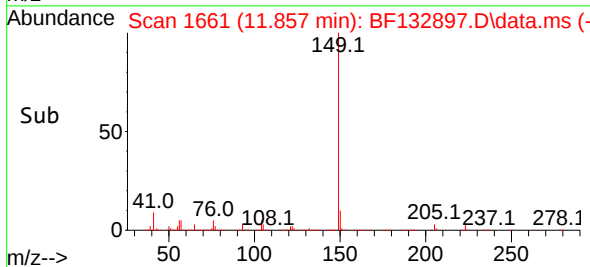
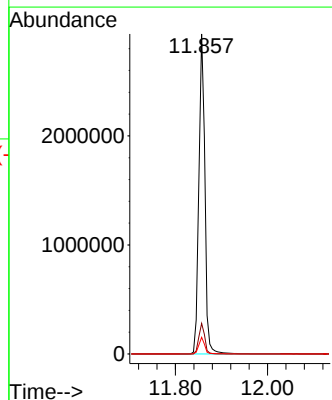
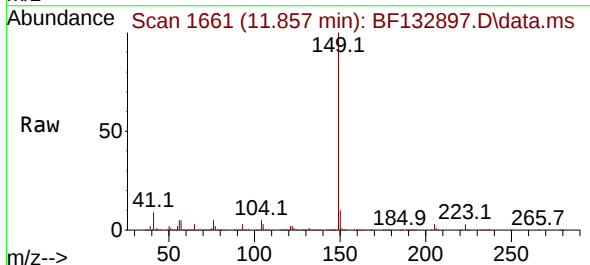
Instrument :
 BNA_F
 ClientSampleId :
 PB152144BS

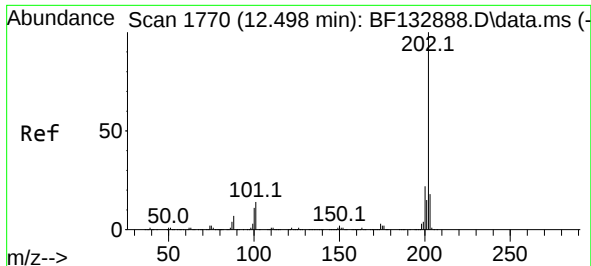
Tgt Ion:167 Resp: 2298306
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.1 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 45.435 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF132897.D
 Acq: 18 Apr 2023 12:12

Tgt Ion:149 Resp: 2648487
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.2 4.2 6.2

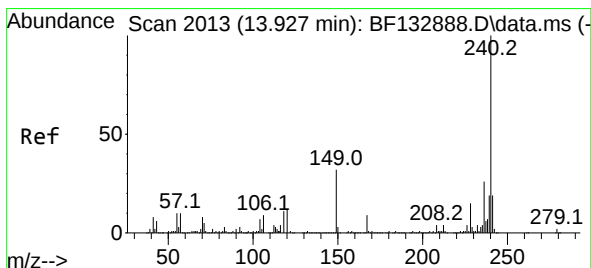
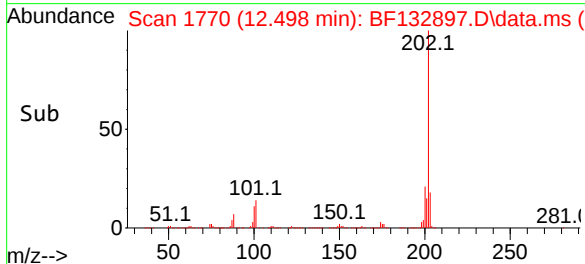
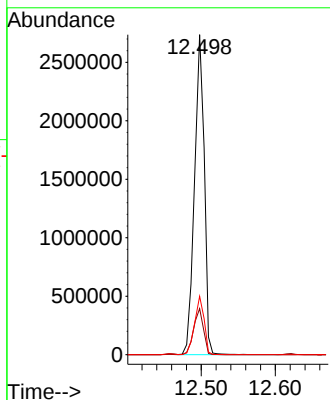
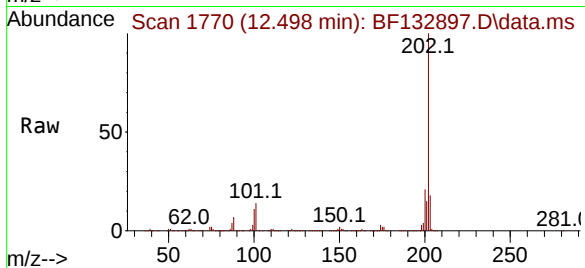




#75
Fluoranthene
Concen: 40.875 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

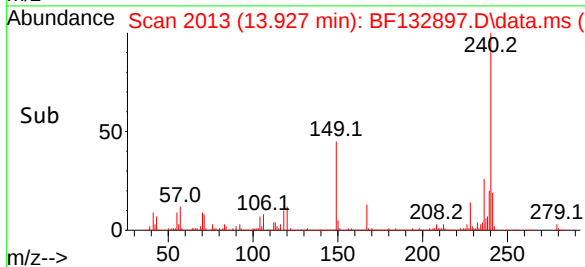
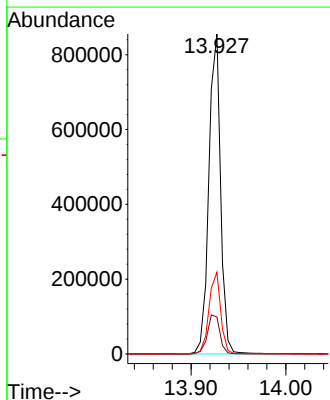
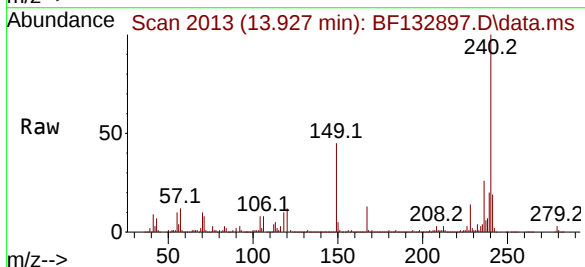
Instrument :
BNA_F
ClientSampleId :
PB152144BS

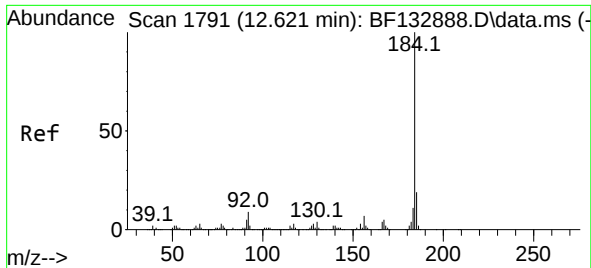
Tgt Ion:202 Resp: 2495355
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.5
203 18.3 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:240 Resp: 736065
Ion Ratio Lower Upper
240 100
120 11.5 10.0 15.0
236 25.5 20.8 31.2

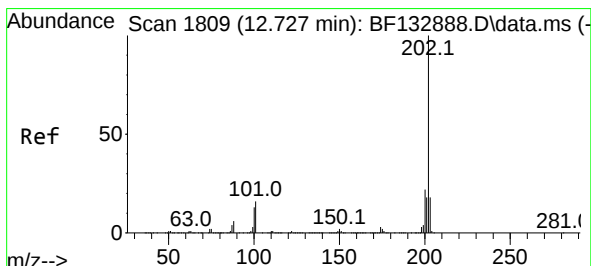
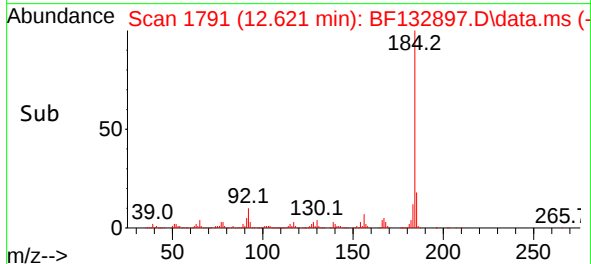
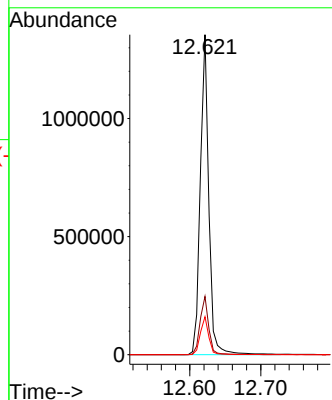
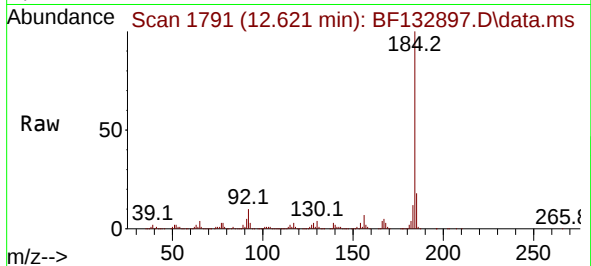




#77
Benzidine
Concen: 98.429 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

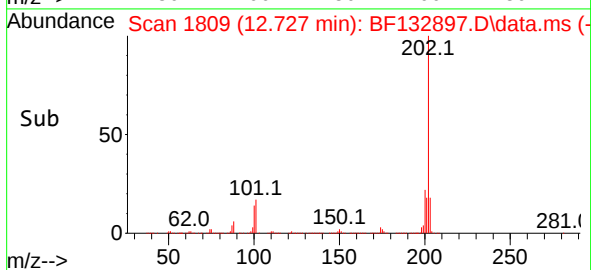
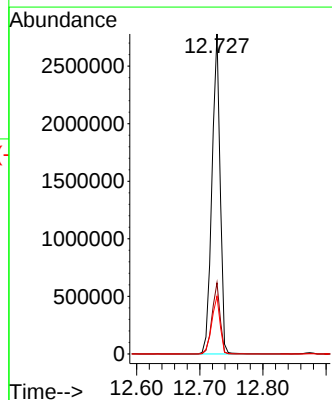
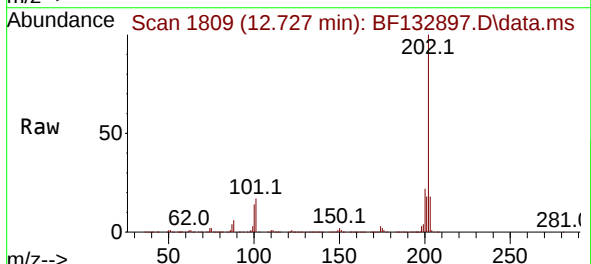
Instrument :
BNA_F
ClientSampleId :
PB152144BS

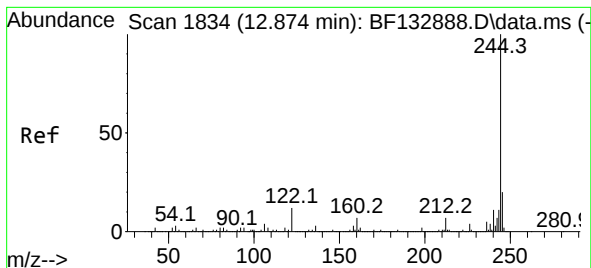
Tgt Ion:184 Resp: 1128600
Ion Ratio Lower Upper
184 100
185 18.2 14.9 22.3
183 11.9 9.0 13.6



#78
Pyrene
Concen: 41.688 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:202 Resp: 2509097
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 70.129 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

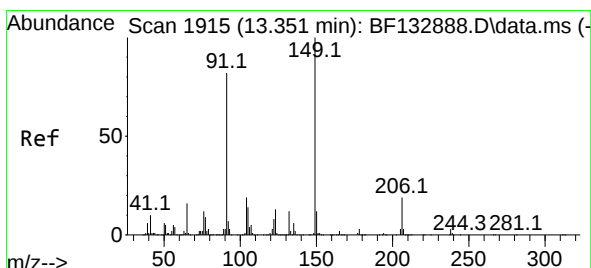
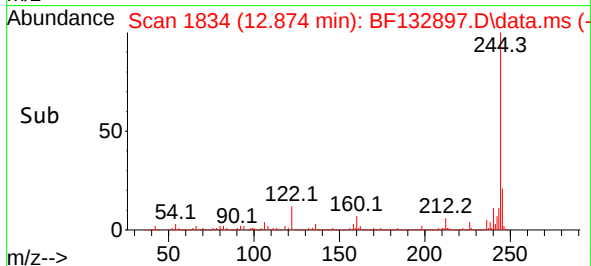
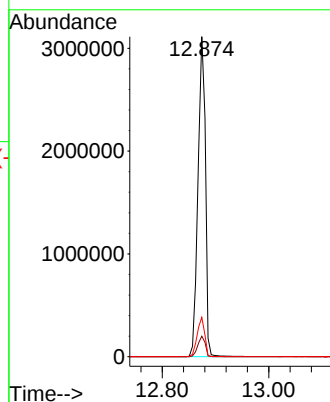
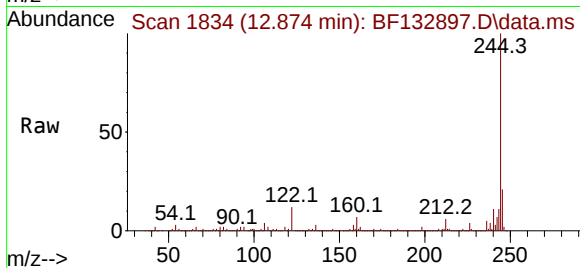
Tgt Ion:244 Resp: 3025621

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 46.892 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

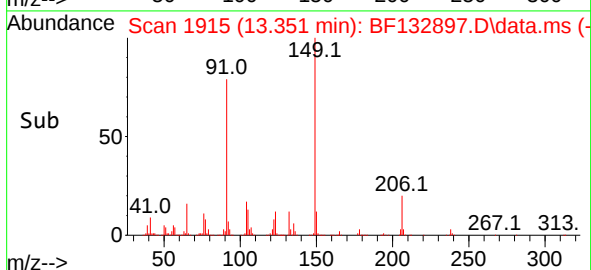
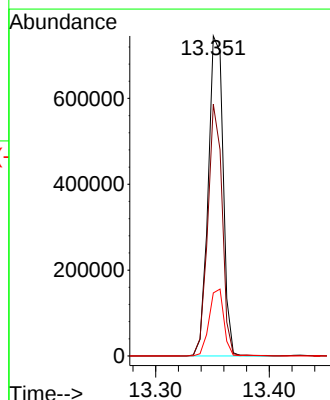
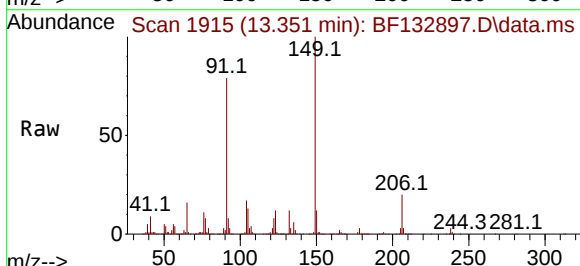
Tgt Ion:149 Resp: 679152

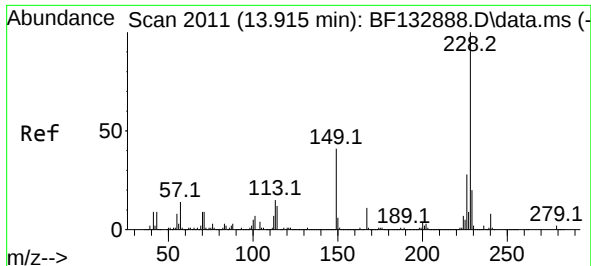
Ion Ratio Lower Upper

149 100

91 78.7 65.4 98.0

206 19.7 15.6 23.4

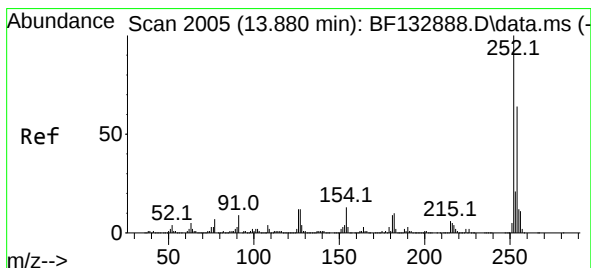
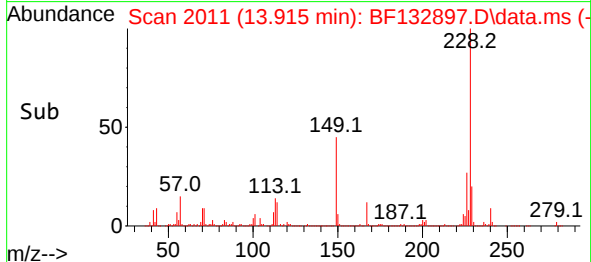
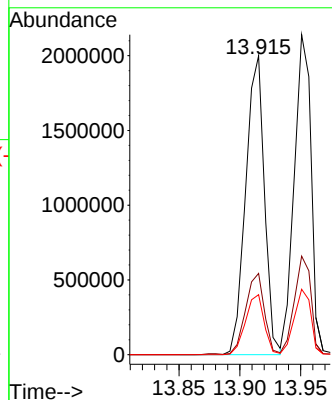
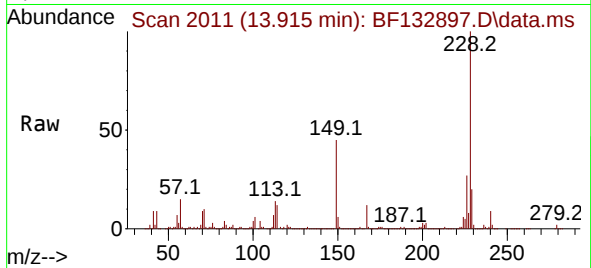




#81
Benzo(a)anthracene
Concen: 42.770 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

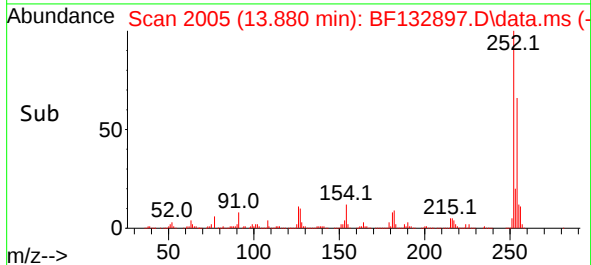
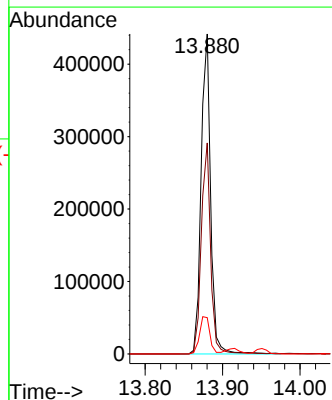
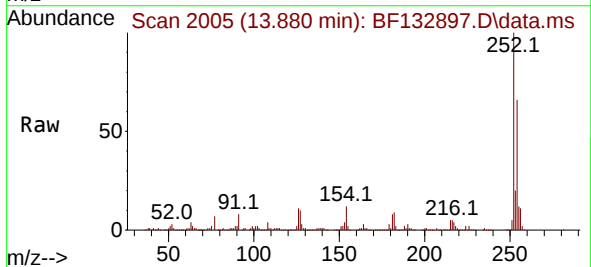
Instrument :
BNA_F
ClientSampleId :
PB152144BS

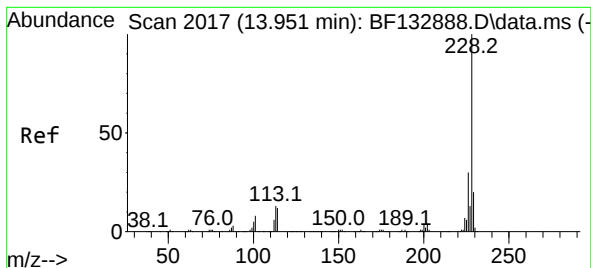
Tgt Ion:228 Resp: 2140971
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 20.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 31.025 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:252 Resp: 375676
Ion Ratio Lower Upper
252 100
254 66.0 51.0 76.6
126 11.3 9.8 14.6





#83

Chrysene

Concen: 41.694 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

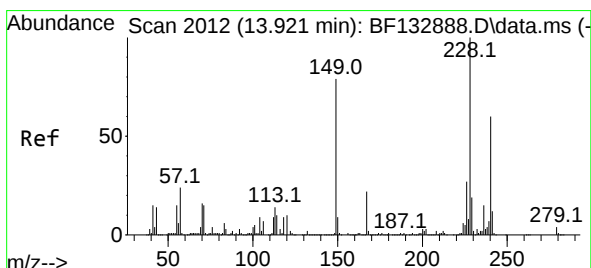
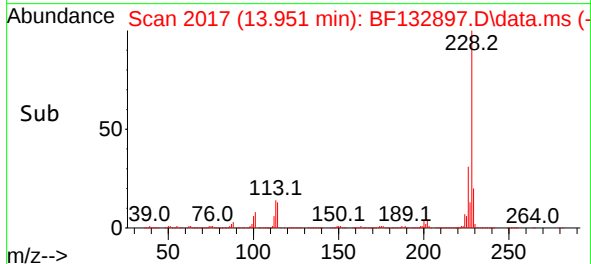
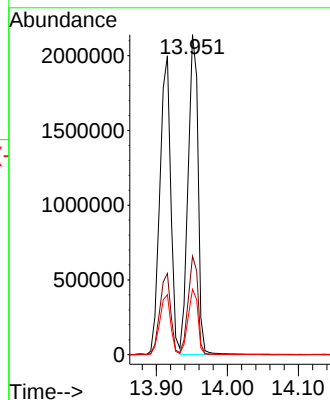
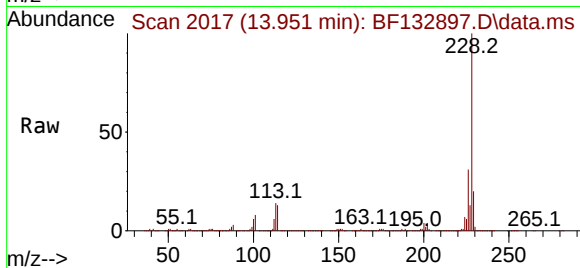
Tgt Ion:228 Resp: 2074459

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.061 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

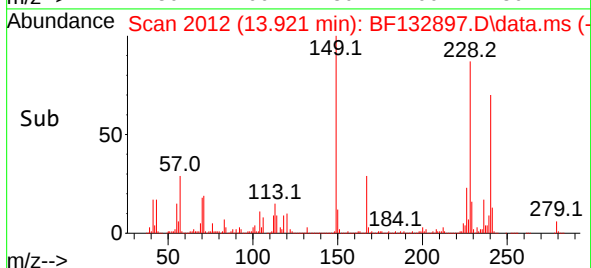
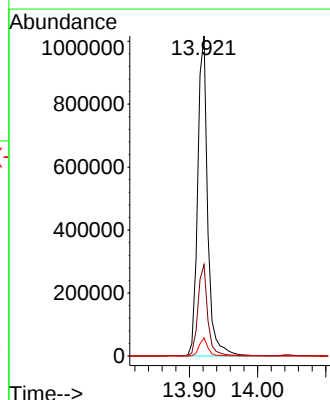
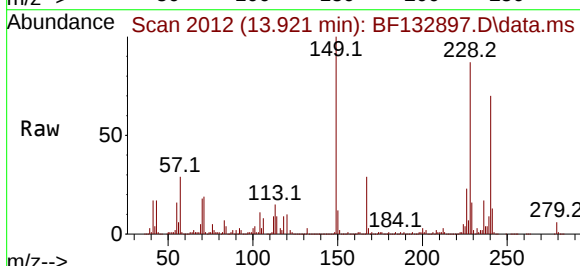
Tgt Ion:149 Resp: 1029234

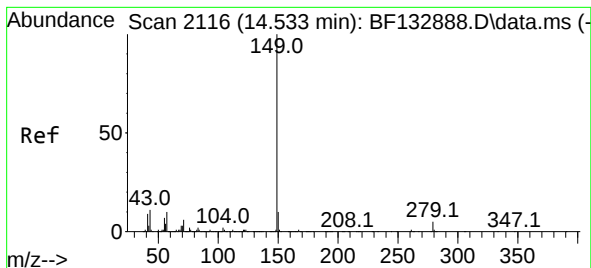
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 5.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 48.154 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

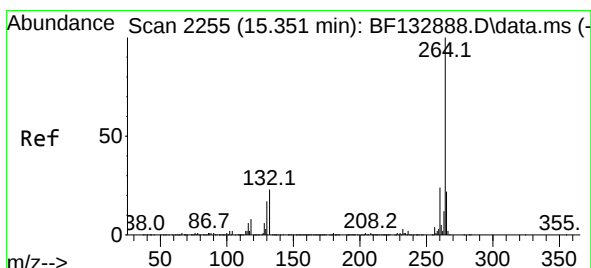
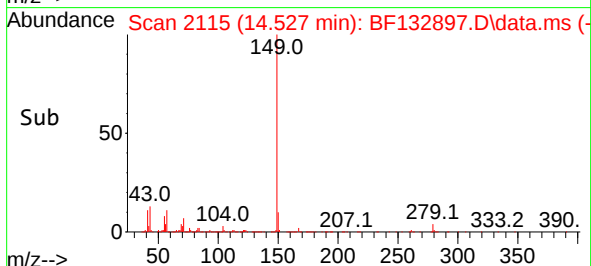
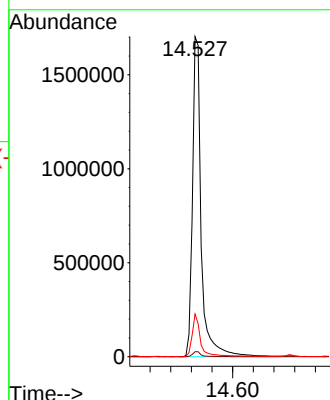
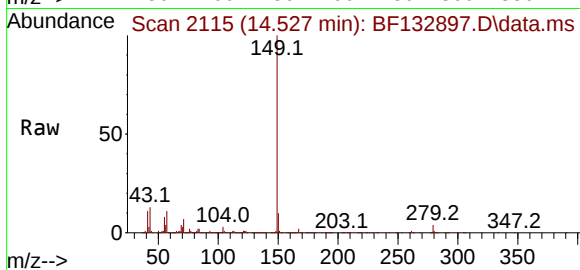
Tgt Ion:149 Resp: 1993647

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.1 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

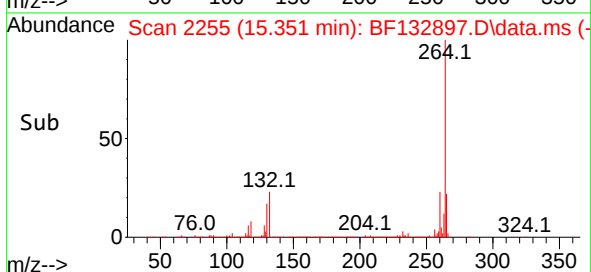
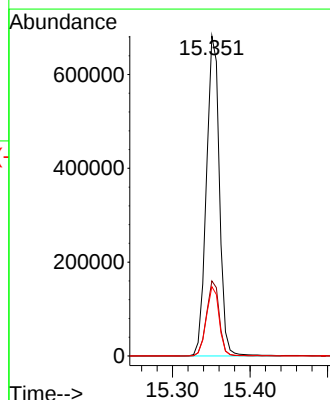
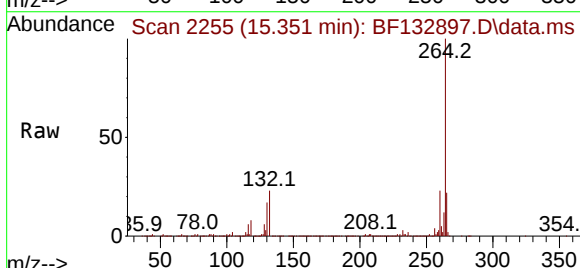
Tgt Ion:264 Resp: 794452

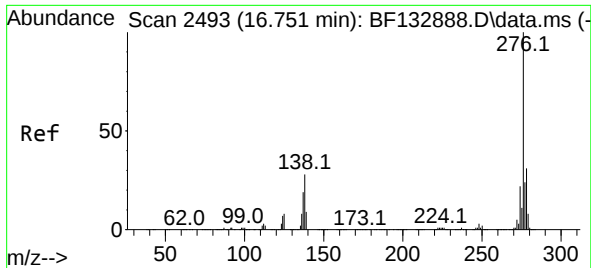
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.6 17.7 26.5

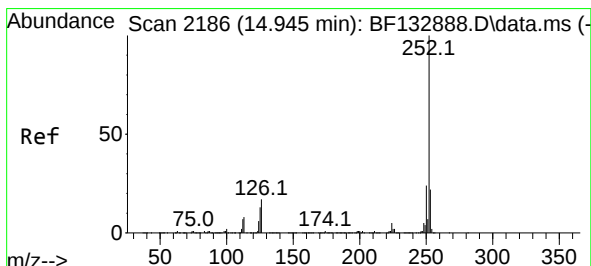
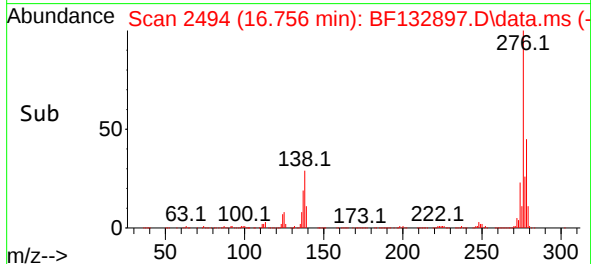
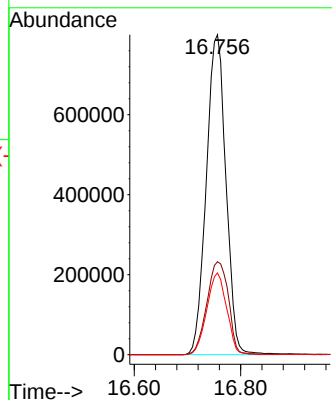
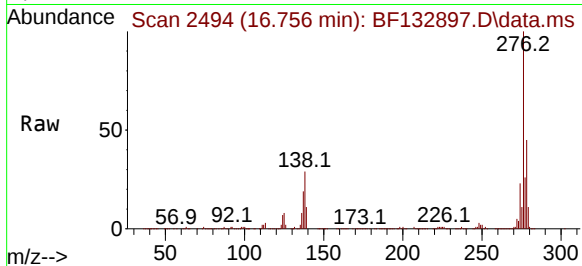




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.089 ng
RT: 16.756 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

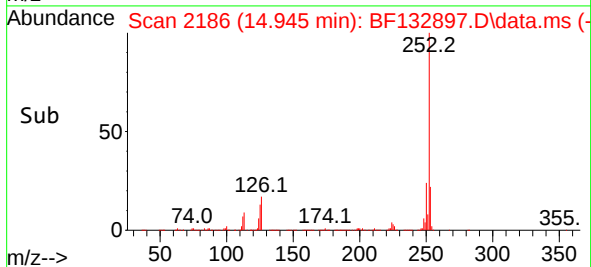
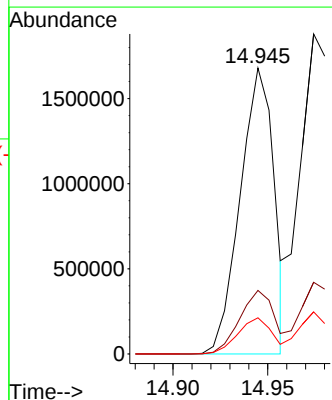
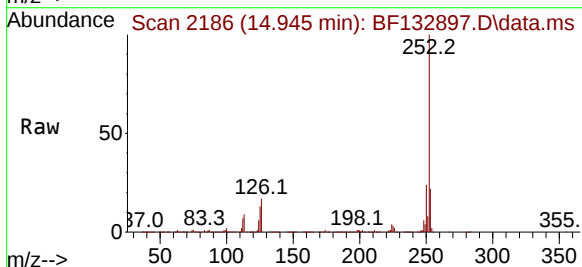
Instrument :
BNA_F
ClientSampleId :
PB152144BS

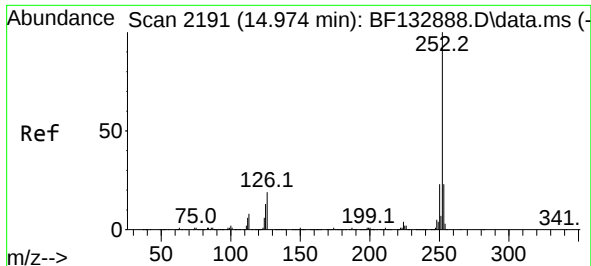
Tgt Ion:276 Resp: 2046826
Ion Ratio Lower Upper
276 100
138 31.9 25.5 38.3
277 26.0 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 42.279 ng
RT: 14.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF132897.D
Acq: 18 Apr 2023 12:12

Tgt Ion:252 Resp: 2092265
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.6 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 42.969 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

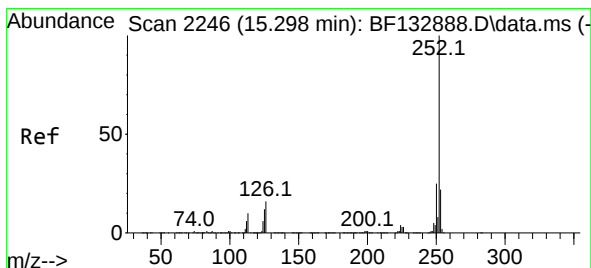
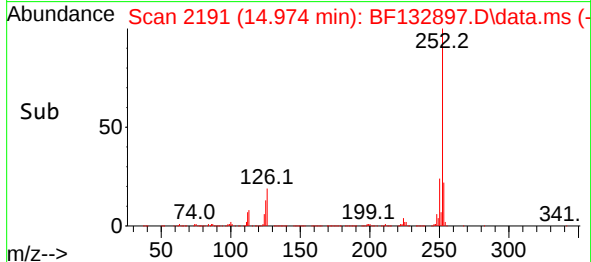
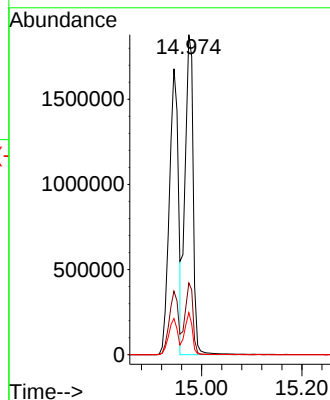
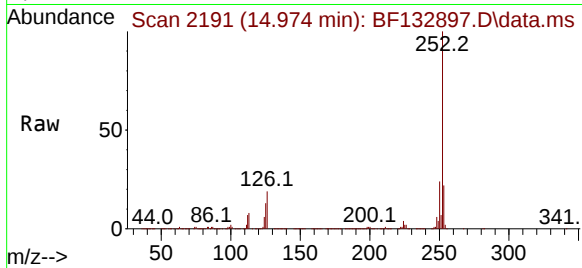
Tgt Ion:252 Resp: 2118234

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 13.1 10.0 15.0



#90

Benzo(a)pyrene

Concen: 40.512 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

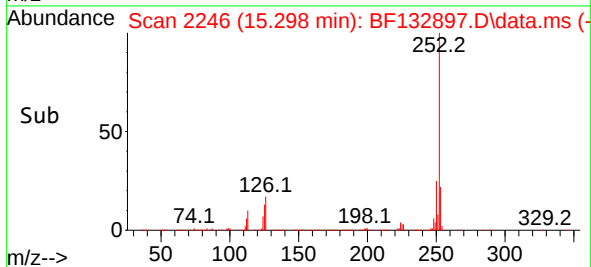
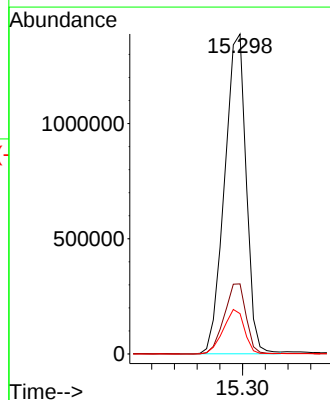
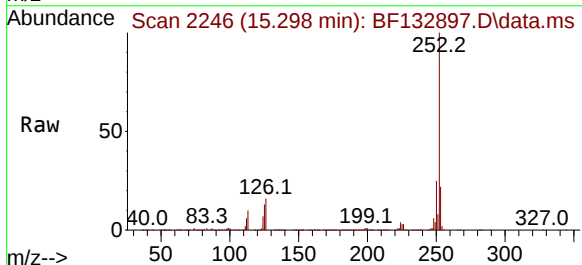
Tgt Ion:252 Resp: 1831576

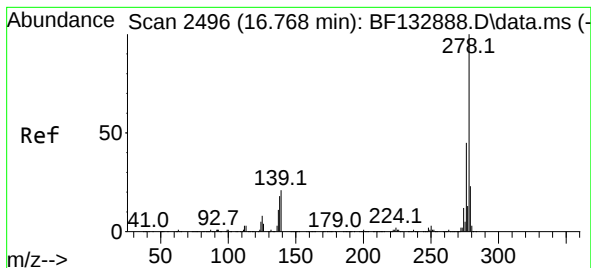
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 12.6 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 44.931 ng

RT: 16.774 min Scan# 2497

Delta R.T. 0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Instrument :

BNA_F

ClientSampleId :

PB152144BS

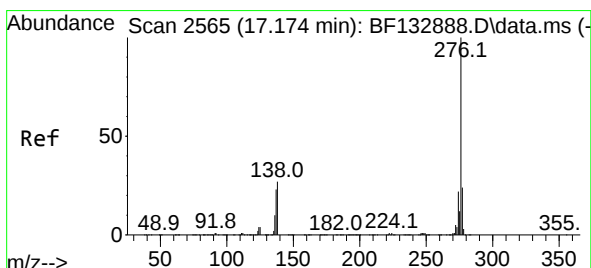
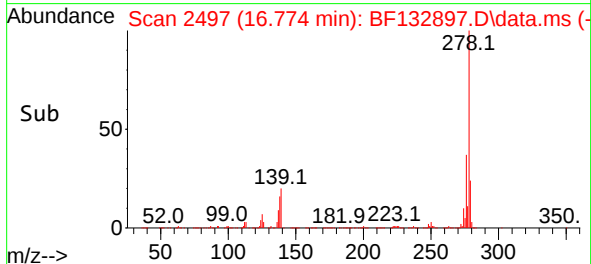
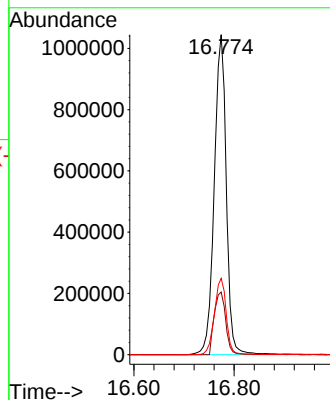
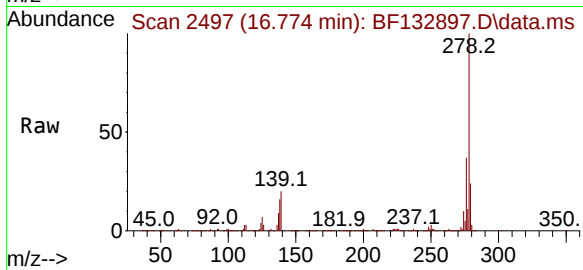
Tgt Ion:278 Resp: 1737907

Ion Ratio Lower Upper

278 100

139 19.6 16.7 25.1

279 23.9 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 43.672 ng

RT: 17.180 min Scan# 2566

Delta R.T. 0.006 min

Lab File: BF132897.D

Acq: 18 Apr 2023 12:12

Tgt Ion:276 Resp: 1617371

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 26.7 21.7 32.5

