

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132799.D
 Acq On : 15 Mar 2023 12:57
 Operator : CG\JU
 Sample : PB151405BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151405BS

Quant Time: Mar 15 13:26:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	215957	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	861657	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	469173	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	877341	20.000	ng	0.00
76) Chrysene-d12	14.163	240	499380	20.000	ng	0.00
86) Perylene-d12	15.692	264	449232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1239779	93.172	ng	0.02
7) Phenol-d6	6.604	99	1647621	94.877	ng	0.00
23) Nitrobenzene-d5	7.534	82	1072910	59.076	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	470590	92.876	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1844107	59.849	ng	0.00
79) Terphenyl-d14	13.092	244	2093327	70.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	298408	40.542	ng	94
3) Pyridine	3.669	79	696861	35.668	ng	93
4) n-Nitrosodimethylamine	3.640	42	291763	39.535	ng	84
6) Aniline	6.634	93	820863	35.124	ng	97
8) 2-Chlorophenol	6.757	128	609727	44.150	ng	98
9) Benzaldehyde	6.522	77	355115	37.897	ng	95
10) Phenol	6.622	94	810194	40.694	ng	96
11) bis(2-Chloroethyl)ether	6.704	93	641817	41.758	ng	95
12) 1,3-Dichlorobenzene	6.910	146	658703	44.446	ng	97
13) 1,4-Dichlorobenzene	6.987	146	649632	43.899	ng	99
14) 1,2-Dichlorobenzene	7.140	146	603614	42.502	ng	99
15) Benzyl Alcohol	7.110	79	569846	42.608	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	770696	39.322	ng	96
17) 2-Methylphenol	7.222	107	514541	39.922	ng	99
18) Hexachloroethane	7.475	117	252362	43.651	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	414335	38.768	ng	95
20) 3+4-Methylphenols	7.375	107	592296	35.570	ng	93
22) Acetophenone	7.381	105	823025	37.880	ng	# 89
24) Nitrobenzene	7.557	77	715695	36.847	ng	99
25) Isophorone	7.793	82	1449559	41.631	ng	99
26) 2-Nitrophenol	7.869	139	381379	44.502	ng	95
27) 2,4-Dimethylphenol	7.904	122	579203	42.822	ng	98
28) bis(2-Chloroethoxy)met...	7.993	93	854923	41.972	ng	99
29) 2,4-Dichlorophenol	8.110	162	579660	43.082	ng	98
30) 1,2,4-Trichlorobenzene	8.193	180	627156	42.926	ng	99
31) Naphthalene	8.275	128	1774289	40.223	ng	99
32) Benzoic acid	8.045	122	333977	32.666	ng	97
33) 4-Chloroaniline	8.322	127	447693	23.684	ng	94
34) Hexachlorobutadiene	8.381	225	389846	41.991	ng	99
35) Caprolactam	8.710	113	139941	31.549	ng	96
36) 4-Chloro-3-methylphenol	8.810	107	626360	42.390	ng	94
37) 2-Methylnaphthalene	8.963	142	1180597	39.273	ng	100
38) 1-Methylnaphthalene	9.063	142	1086741	38.683	ng	99
40) 1,2,4,5-Tetrachloroben...	9.134	216	634824	41.356	ng	99
41) Hexachlorocyclopentadiene	9.116	237	660054	79.278	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	424699	40.826	ng	99

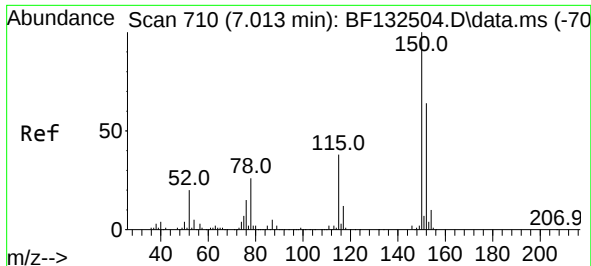
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 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	461535	38.013	ng	98
46) 1,1'-Biphenyl	9.428	154	1424202	40.106	ng	99
47) 2-Chloronaphthalene	9.457	162	1154183	40.994	ng	99
48) 2-Nitroaniline	9.557	65	385740	37.200	ng	90
49) Acenaphthylene	9.875	152	1747635	39.002	ng	100
50) Dimethylphthalate	9.734	163	1410558	41.291	ng	100
51) 2,6-Dinitrotoluene	9.798	165	318931	40.994	ng	96
52) Acenaphthene	10.051	154	1016434	35.723	ng	99
53) 3-Nitroaniline	9.969	138	251443	28.892	ng	99
54) 2,4-Dinitrophenol	10.086	184	340270	69.650	ng	# 86
55) Dibenzofuran	10.222	168	1571529	37.886	ng	98
56) 4-Nitrophenol	10.139	139	449564	69.267	ng	96
57) 2,4-Dinitrotoluene	10.210	165	419431	40.524	ng	93
58) Fluorene	10.563	166	1186101	37.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	376262	41.718	ng	97
60) Diethylphthalate	10.428	149	1305888	39.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	626901	38.087	ng	96
62) 4-Nitroaniline	10.592	138	340852	39.899	ng	95
63) Azobenzene	10.710	77	1300935	36.818	ng	97
65) 4,6-Dinitro-2-methylph...	10.622	198	240046	40.417	ng	90
66) n-Nitrosodiphenylamine	10.675	169	1088102	39.782	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	414870	41.804	ng	95
68) Hexachlorobenzene	11.116	284	461992	44.242	ng	97
69) Atrazine	11.198	200	380239	44.530	ng	98
70) Pentachlorophenol	11.316	266	406967	65.504	ng	97
71) Phenanthrene	11.533	178	1814364	39.920	ng	99
72) Anthracene	11.586	178	1802184	38.505	ng	99
73) Carbazole	11.739	167	1679555	39.801	ng	100
74) Di-n-butylphthalate	12.057	149	2036001	41.132	ng	99
75) Fluoranthene	12.727	202	1933986	38.924	ng	98
77) Benzidine	12.845	184	736259	60.566	ng	99
78) Pyrene	12.957	202	1942079	42.775	ng	100
80) Butylbenzylphthalate	13.563	149	818506	45.684	ng	99
81) Benzo(a)anthracene	14.151	228	1556290	41.651	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	334659	30.380	ng	# 98
83) Chrysene	14.192	228	1440930	41.239	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	984333	44.723	ng	99
85) Di-n-octyl phthalate	14.733	149	1418009	44.088	ng	97
87) Indeno(1,2,3-cd)pyrene	17.280	276	1438973	48.885	ng	100
88) Benzo(b)fluoranthene	15.239	252	1314545	43.665	ng	99
89) Benzo(k)fluoranthene	15.269	252	1223979	41.542	ng	99
90) Benzo(a)pyrene	15.627	252	1100878	39.071	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	1174996	48.992	ng	98
92) Benzo(g,h,i)perylene	17.762	276	1224166	45.261	ng	99

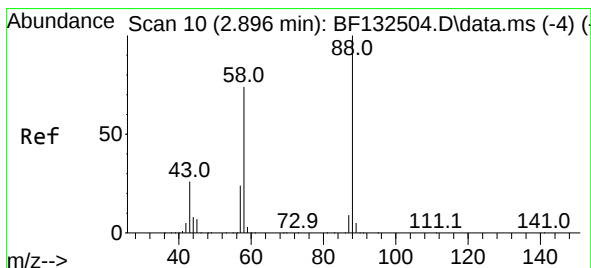
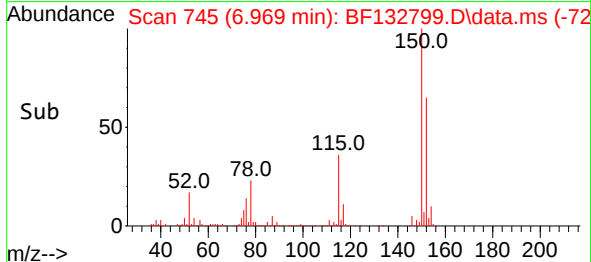
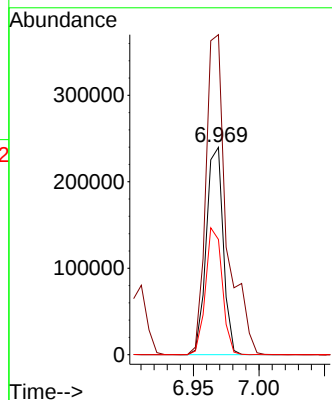
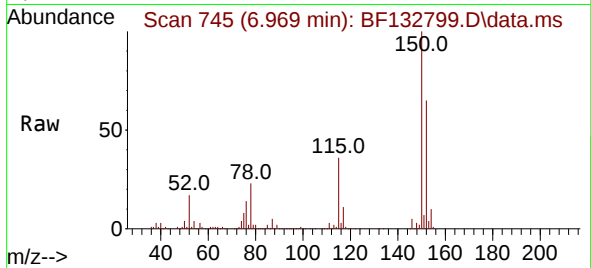
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132799.D
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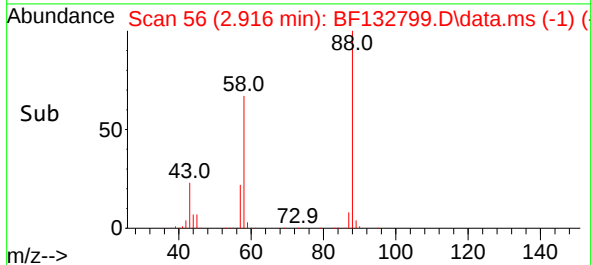
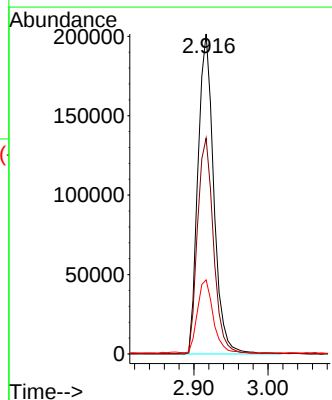
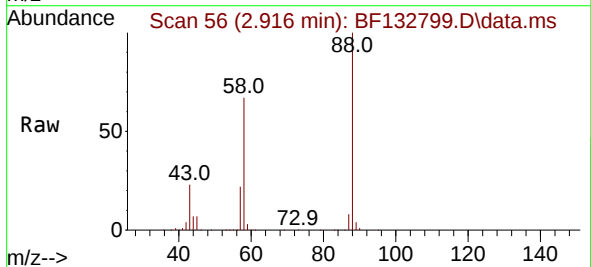
Instrument :
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 PB151405BS

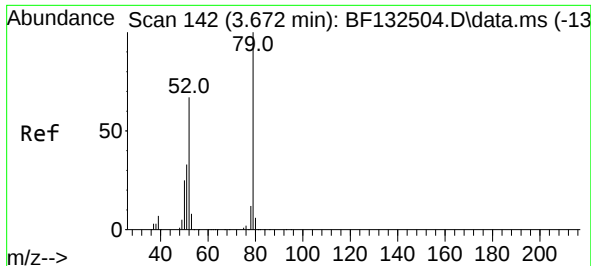
Tgt Ion:152 Resp: 215957
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.4 188.2
 115 55.5 47.8 71.6



#2
 1,4-Dioxane
 Concen: 40.542 ng
 RT: 2.916 min Scan# 56
 Delta R.T. 0.106 min
 Lab File: BF132799.D
 Acq: 15 Mar 2023 12:57

Tgt Ion: 88 Resp: 298408
 Ion Ratio Lower Upper
 88 100
 58 67.9 58.3 87.5
 43 23.0 20.7 31.1

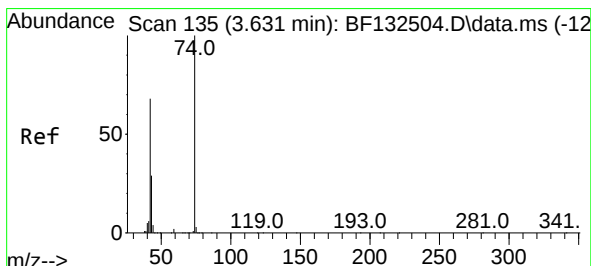
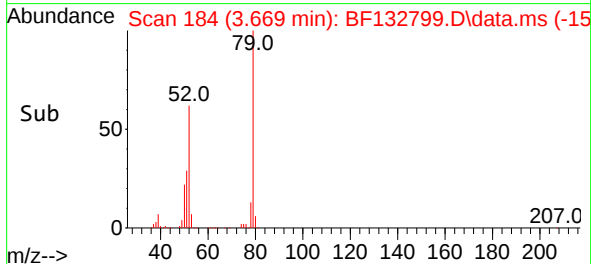
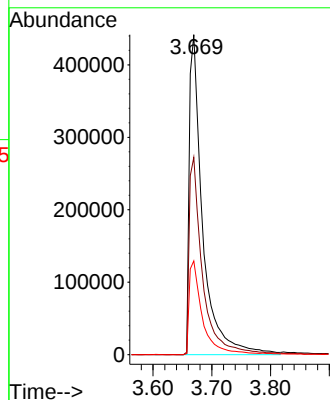
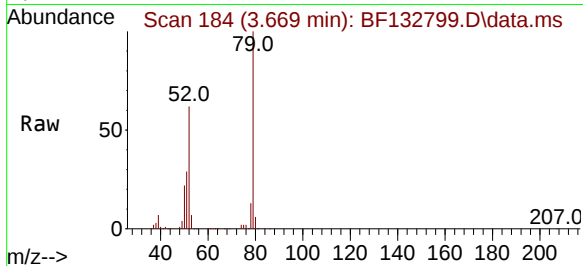




#3
Pyridine
Concen: 35.668 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

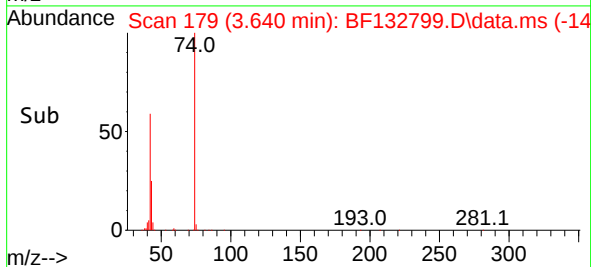
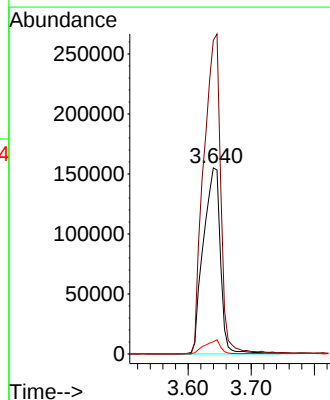
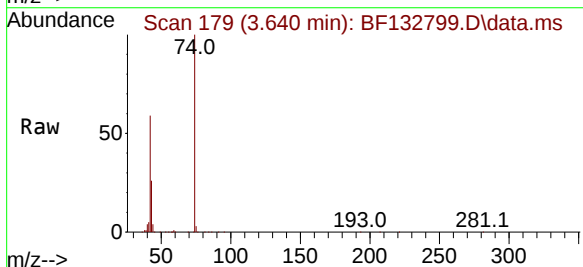
Instrument :
BNA_F
ClientSampleId :
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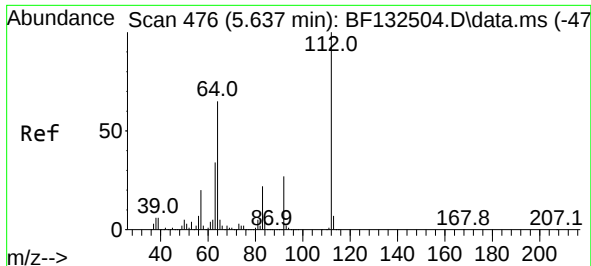
Tgt Ion: 79 Resp: 696861
Ion Ratio Lower Upper
79 100
52 61.6 53.7 80.5
51 29.3 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.535 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.082 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 42 Resp: 291763
Ion Ratio Lower Upper
42 100
74 168.5 118.2 177.2
44 6.6 5.3 7.9

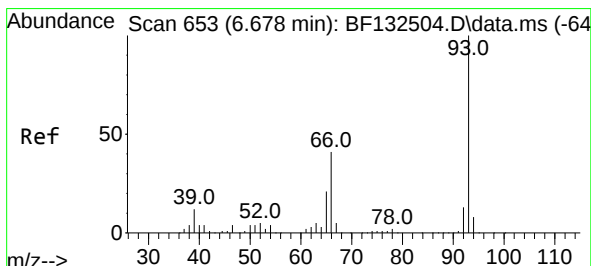
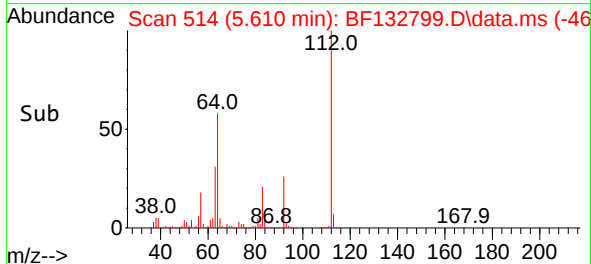
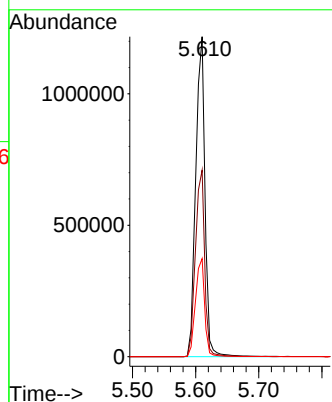
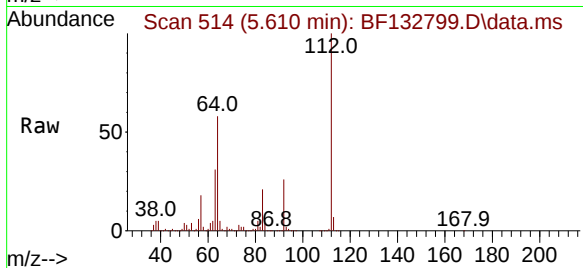




#5
2-Fluorophenol
Concen: 93.172 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

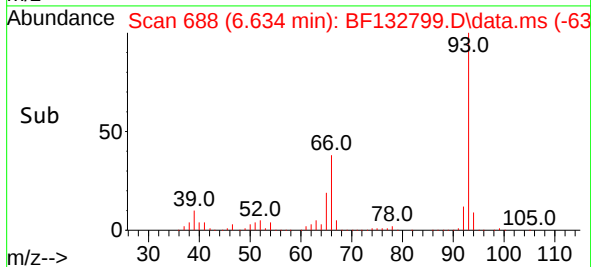
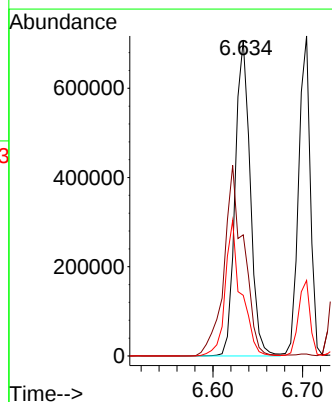
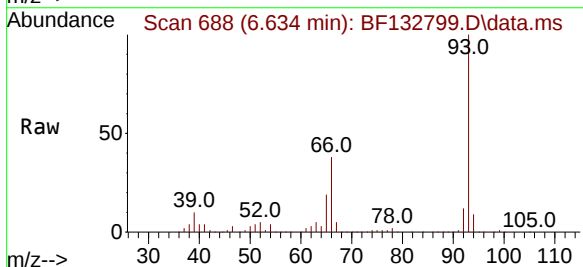
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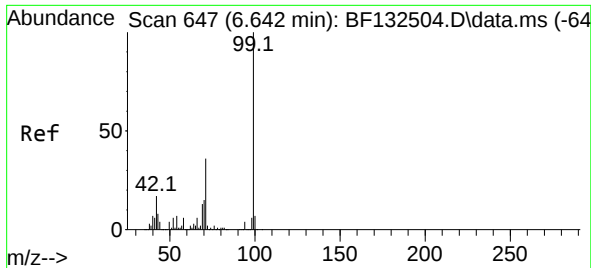
Tgt Ion:112 Resp: 1239779
Ion Ratio Lower Upper
112 100
64 58.3 51.6 77.4
63 30.6 27.4 41.2



#6
Aniline
Concen: 35.124 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 93 Resp: 820863
Ion Ratio Lower Upper
93 100
66 38.4 32.5 48.7
65 19.2 16.6 24.8





#7

Phenol-d6

Concen: 94.877 ng

RT: 6.604 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

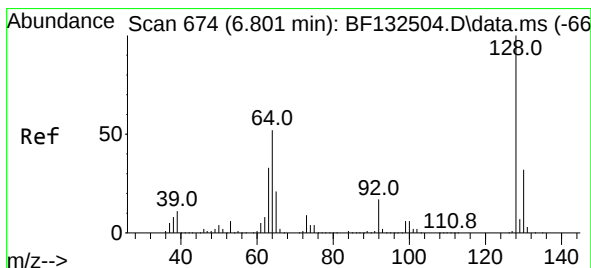
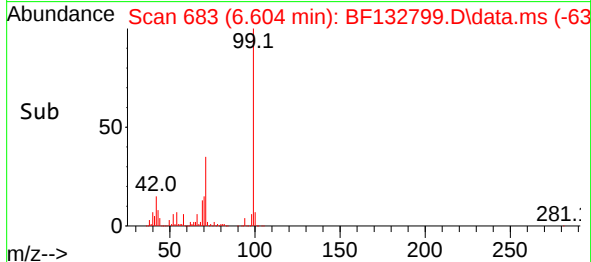
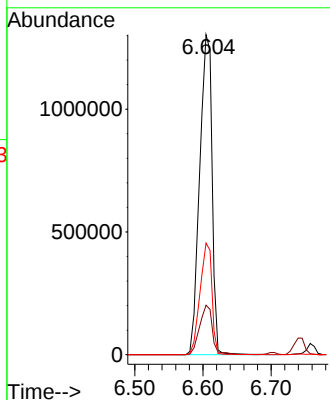
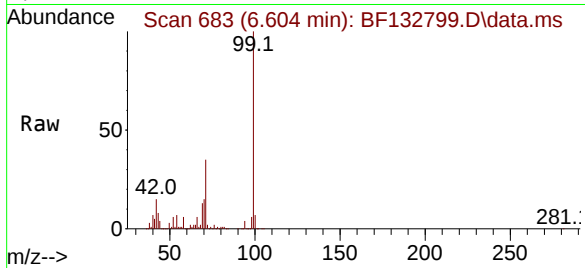
BNA_F

ClientSampleId :

PB151405BS

Tgt Ion: 99 Resp: 1647621

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.9	20.9
71	34.8	28.5	42.7



#8

2-Chlorophenol

Concen: 44.150 ng

RT: 6.757 min Scan# 709

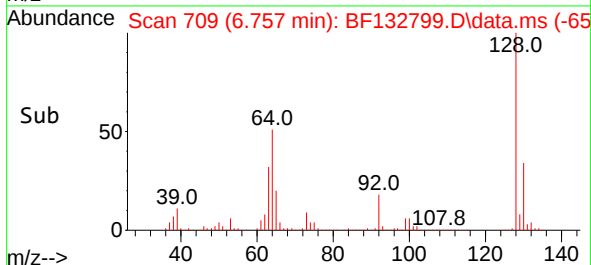
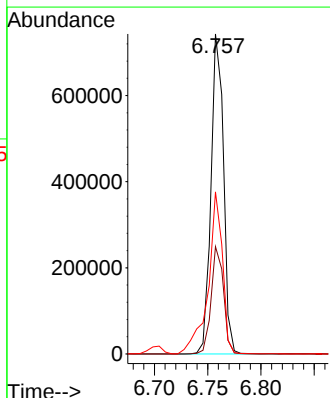
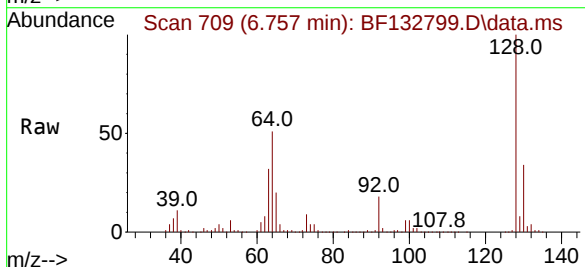
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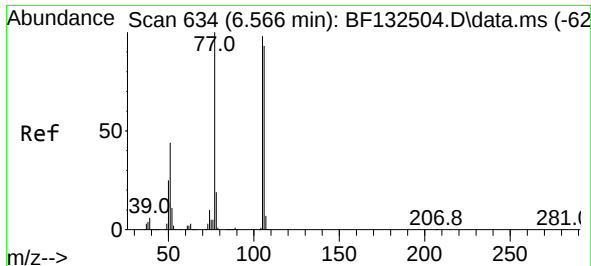
Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Tgt Ion: 128 Resp: 609727

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.1	52.1
64	50.7	32.0	72.0

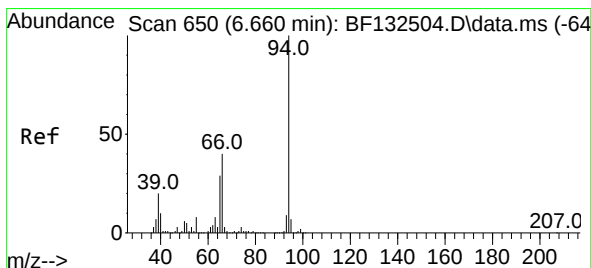
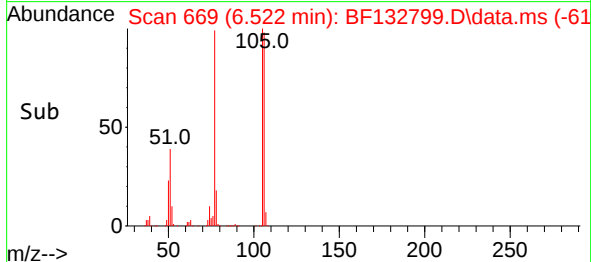
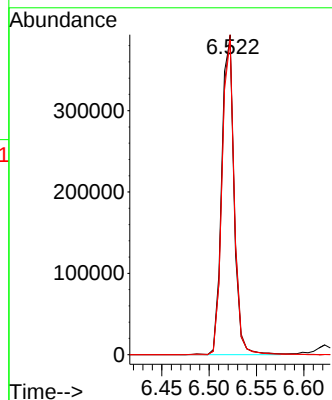
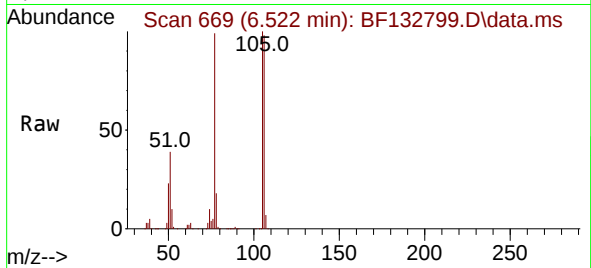




#9
Benzaldehyde
Concen: 37.897 ng
RT: 6.522 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

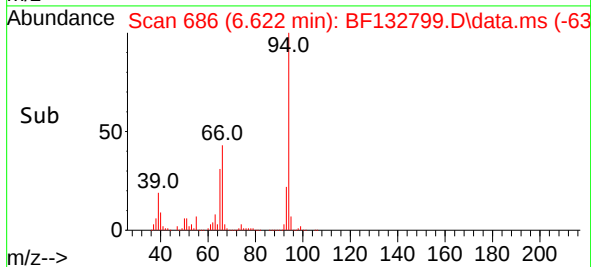
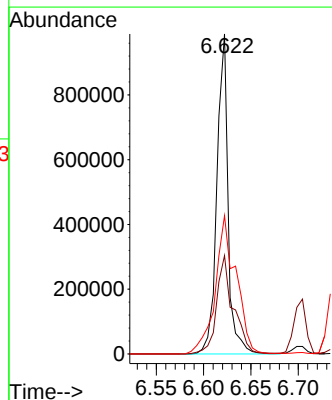
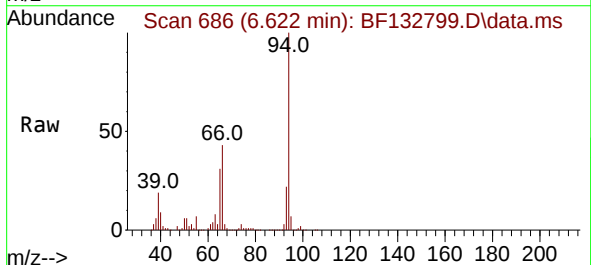
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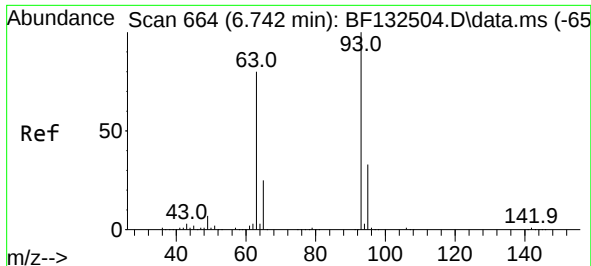
Tgt Ion: 77 Resp: 355115
Ion Ratio Lower Upper
77 100
105 101.4 77.9 117.9
106 99.6 73.4 113.4



#10
Phenol
Concen: 40.694 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 94 Resp: 810194
Ion Ratio Lower Upper
94 100
65 30.7 9.4 49.4
66 43.2 19.8 59.8

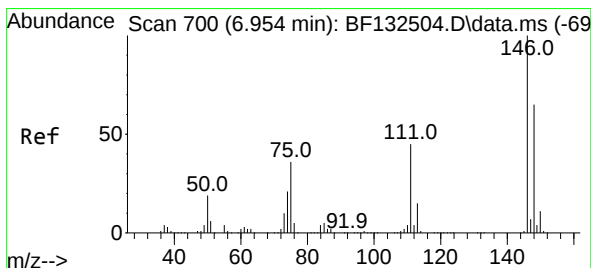
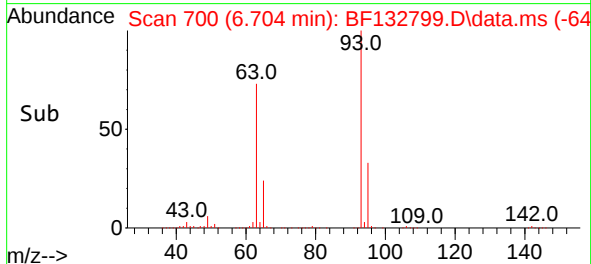
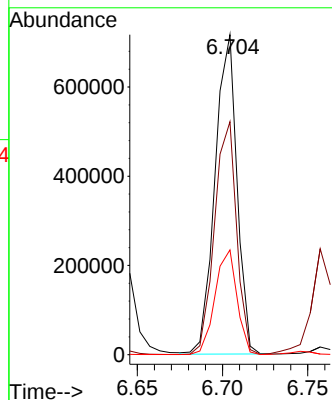
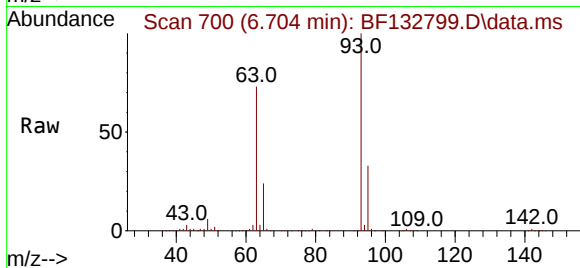




#11
bis(2-Chloroethyl)ether
Concen: 41.758 ng
RT: 6.704 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

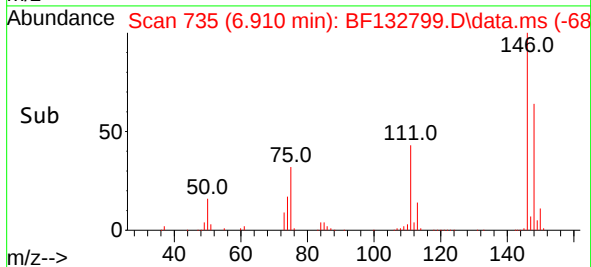
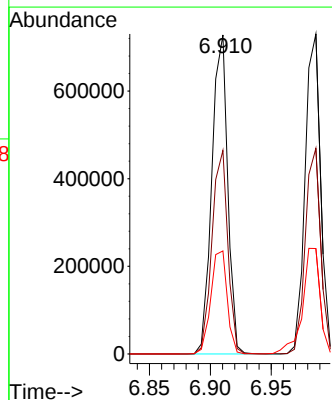
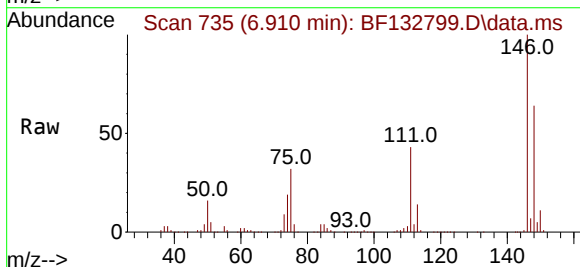
Instrument :
BNA_F
ClientSampleId :
PB151405BS

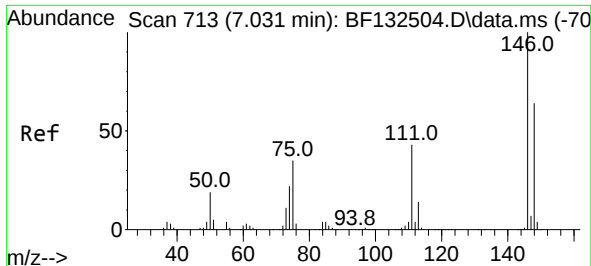
Tgt Ion: 93 Resp: 641817
Ion Ratio Lower Upper
93 100
63 72.8 59.6 99.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.446 ng
RT: 6.910 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:146 Resp: 658703
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 32.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.899 ng

RT: 6.987 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

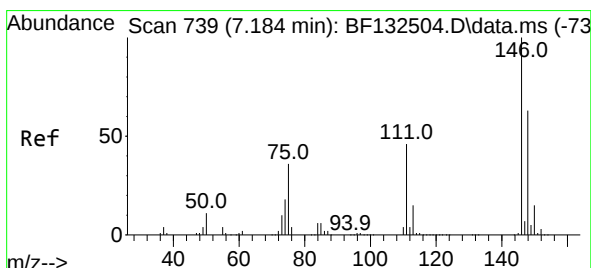
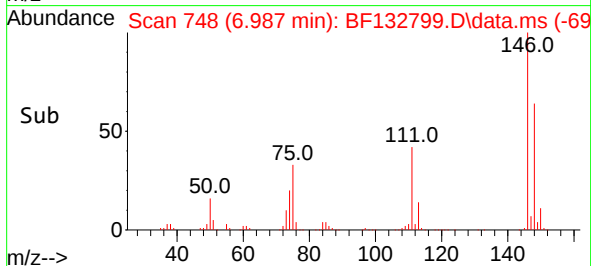
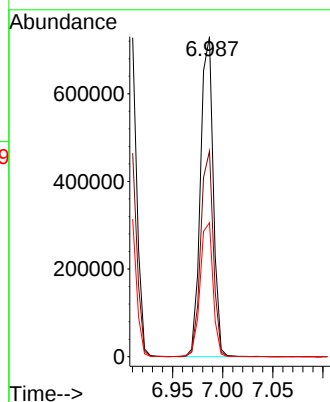
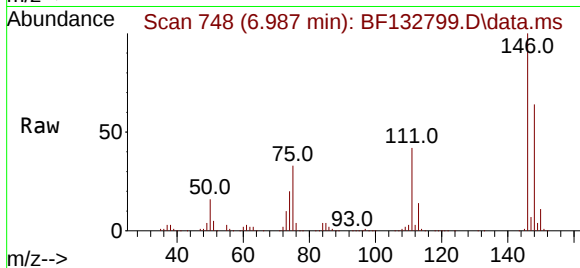
Tgt Ion:146 Resp: 649632

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 41.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 42.502 ng

RT: 7.140 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

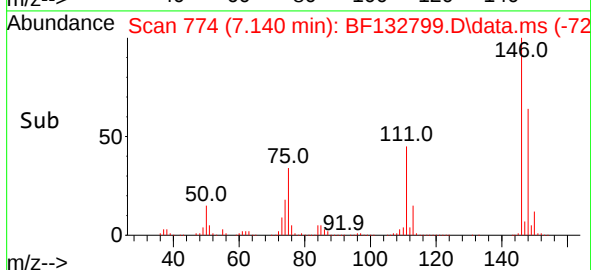
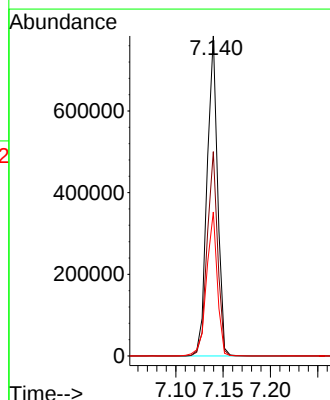
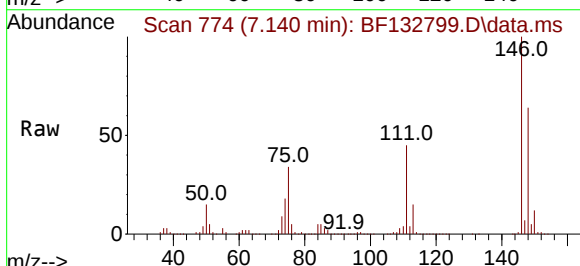
Tgt Ion:146 Resp: 603614

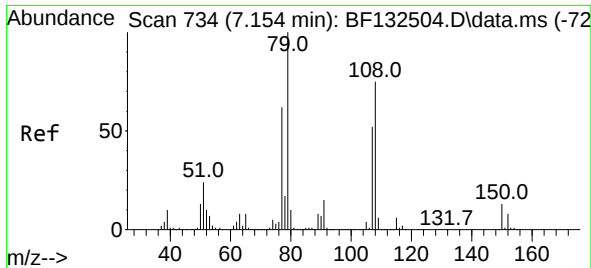
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

111 45.0 37.2 55.8

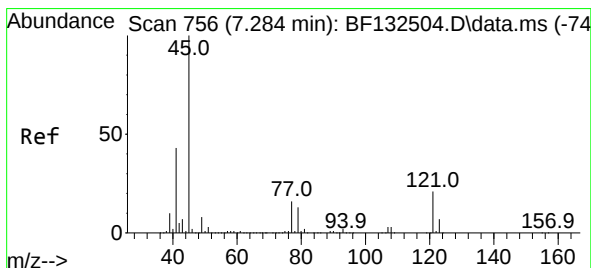
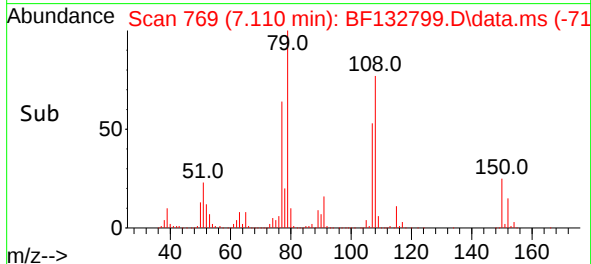
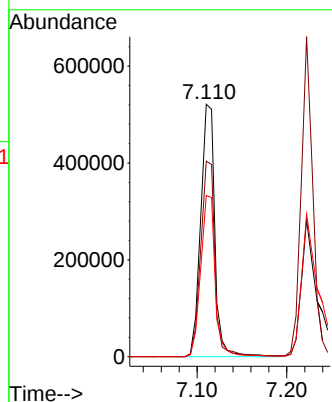
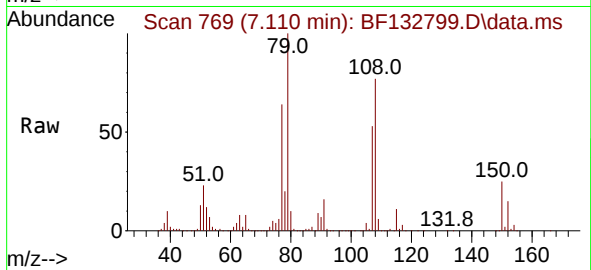




#15
Benzyl Alcohol
Concen: 42.608 ng
RT: 7.110 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

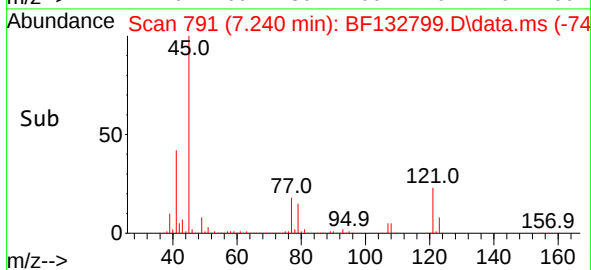
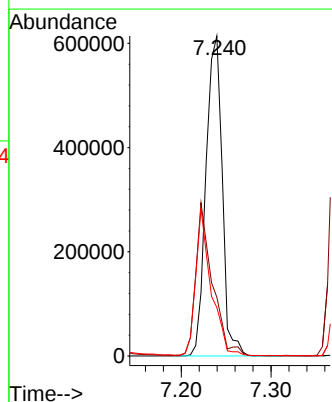
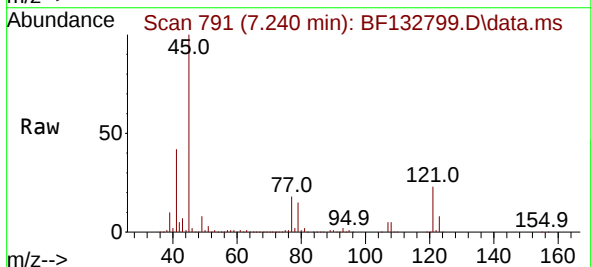
Instrument :
BNA_F
ClientSampleId :
PB151405BS

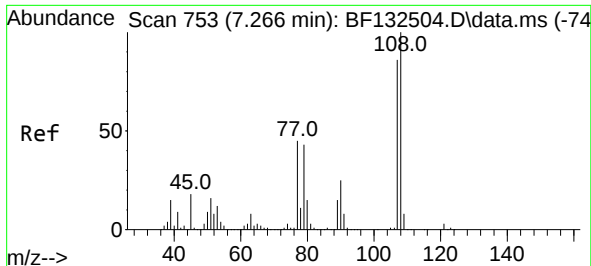
Tgt Ion: 79 Resp: 569846
Ion Ratio Lower Upper
79 100
108 77.5 60.2 90.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.322 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 45 Resp: 770696
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.4
79 15.1 0.0 33.4

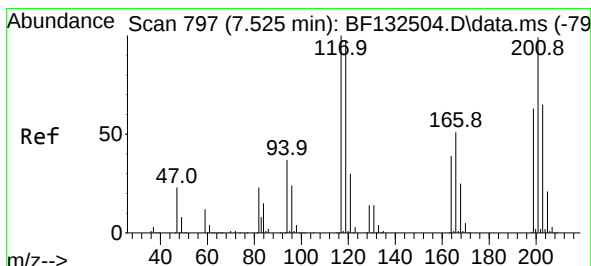
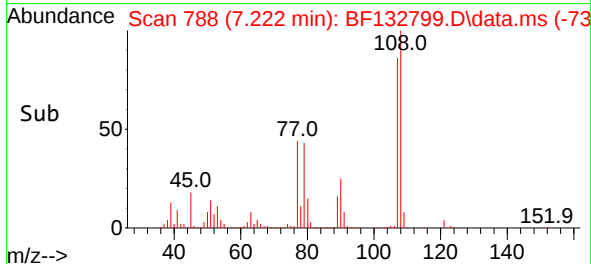
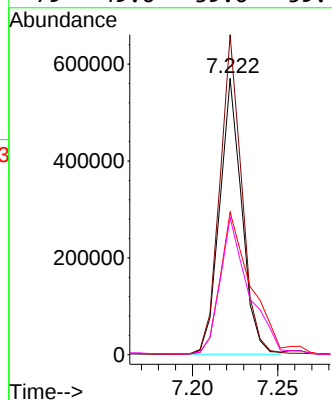
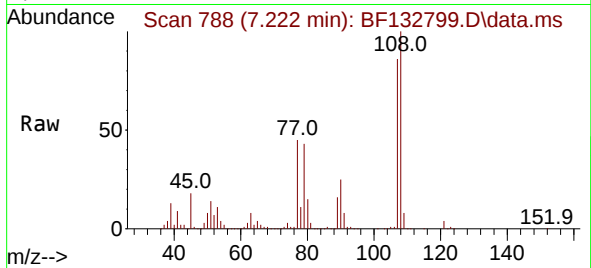




#17
2-Methylphenol
Concen: 39.922 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

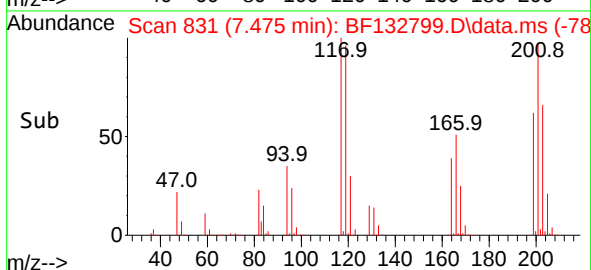
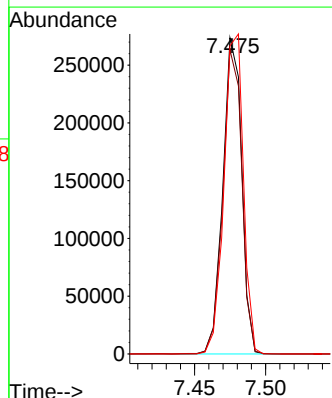
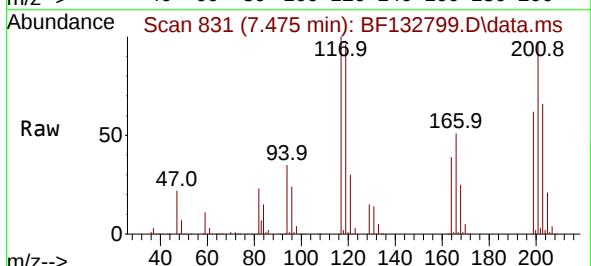
Instrument :
BNA_F
ClientSampleId :
PB151405BS

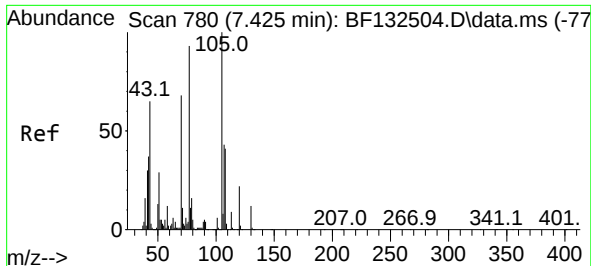
Tgt Ion:107 Resp: 514541
Ion Ratio Lower Upper
107 100
108 115.8 93.0 139.4
77 51.6 42.1 63.1
79 49.6 39.6 59.4



#18
Hexachloroethane
Concen: 43.651 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:117 Resp: 252362
Ion Ratio Lower Upper
117 100
119 96.2 78.0 117.0
201 97.5 79.0 118.4

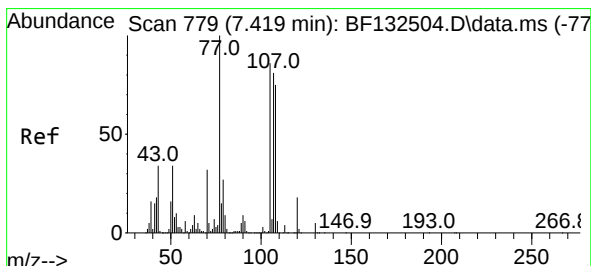
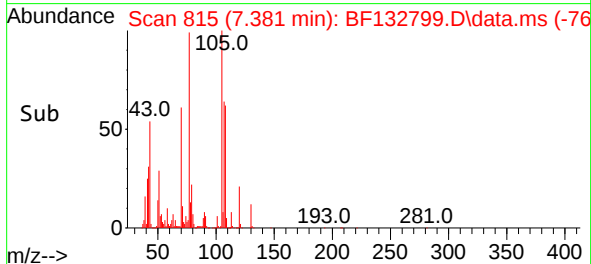
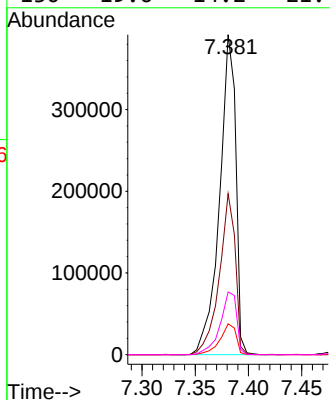
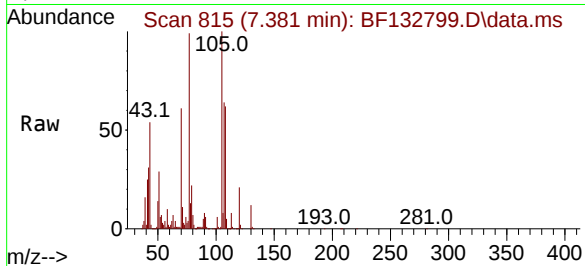




#19
n-Nitroso-di-n-propylamine
Concen: 38.768 ng
RT: 7.381 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

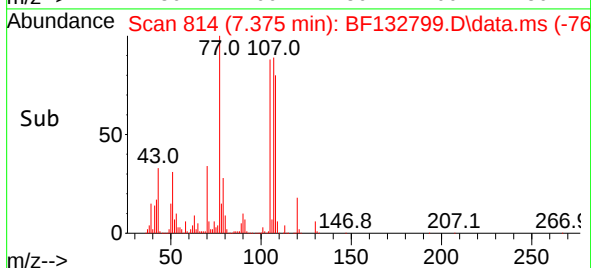
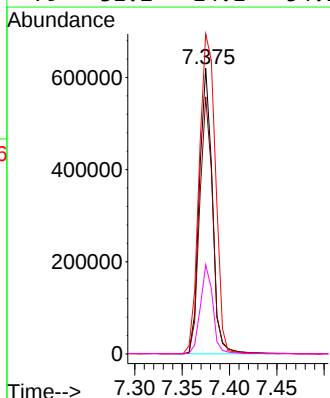
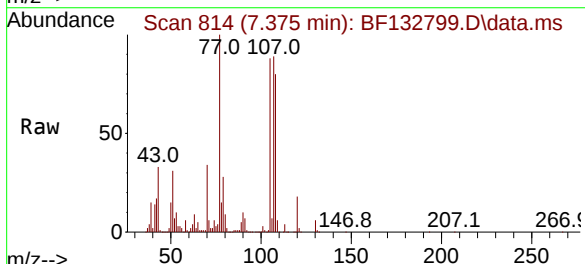
Instrument :
BNA_F
ClientSampleId :
PB151405BS

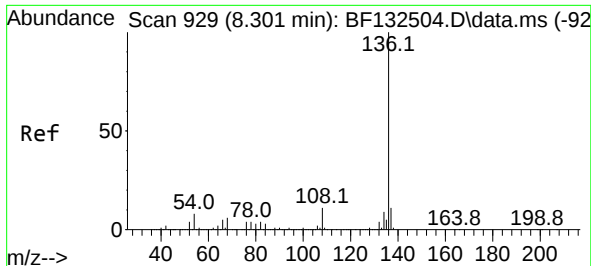
Tgt Ion: 70 Resp: 414335
Ion Ratio Lower Upper
70 100
42 50.3 44.1 66.1
101 9.7 7.4 11.2
130 19.6 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.570 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 107 Resp: 592296
Ion Ratio Lower Upper
107 100
108 90.1 72.6 112.6
77 112.1 104.0 144.0
79 31.2 14.1 54.1

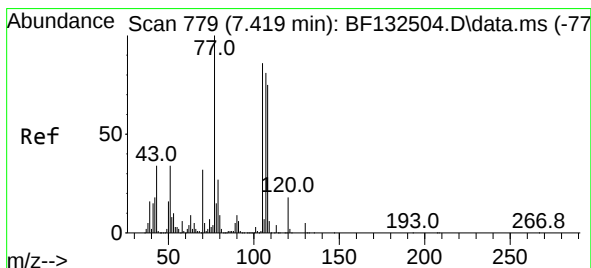
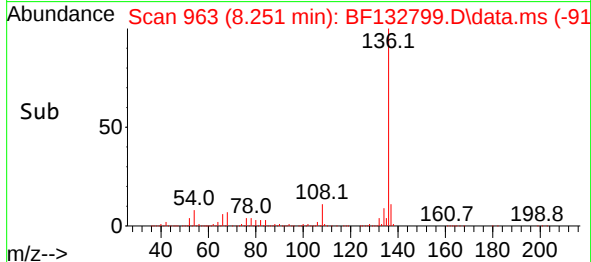
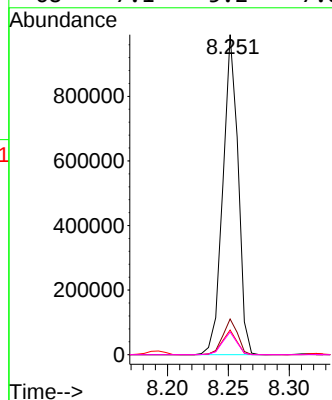
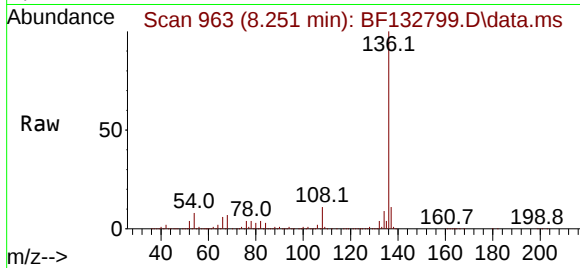




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

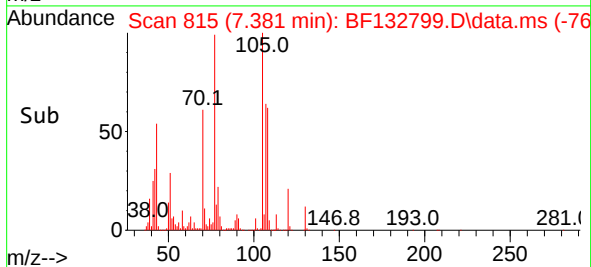
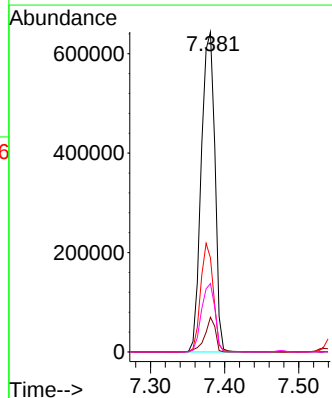
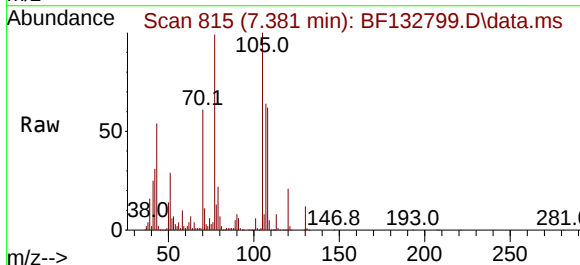
Instrument :
BNA_F
ClientSampleId :
PB151405BS

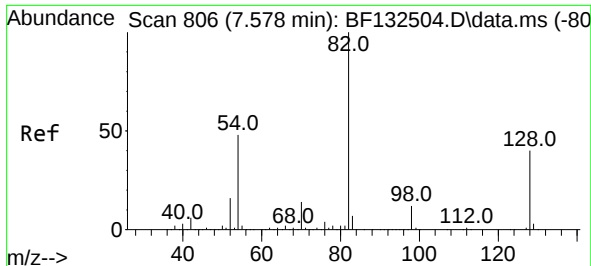
Tgt Ion:136 Resp: 861657
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.2 9.4
68 7.1 5.2 7.8



#22
Acetophenone
Concen: 37.880 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:105 Resp: 823025
Ion Ratio Lower Upper
105 100
71 10.9 5.0 7.4#
51 29.4 31.5 47.3#
120 21.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 59.076 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

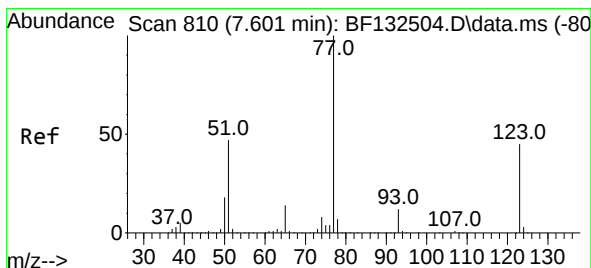
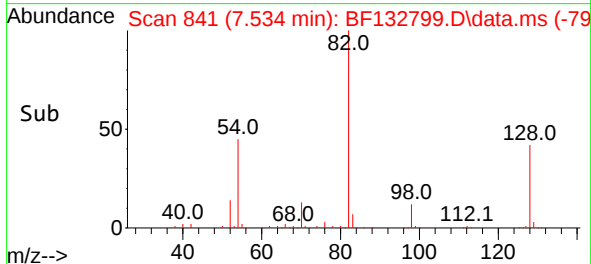
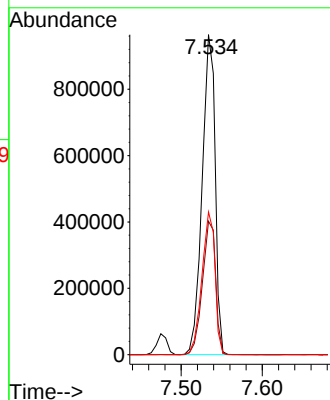
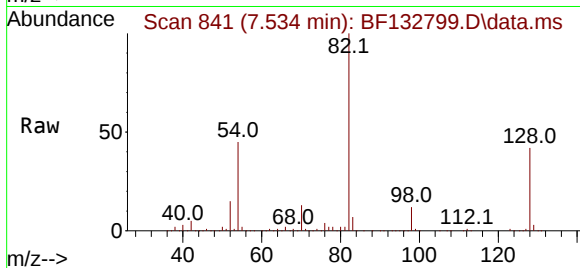
BNA_F

ClientSampleId :

PB151405BS

Tgt Ion: 82 Resp: 1072910

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.2	48.2
54	44.6	38.4	57.6



#24

Nitrobenzene

Concen: 36.847 ng

RT: 7.557 min Scan# 845

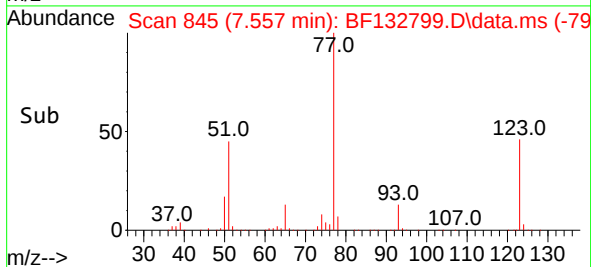
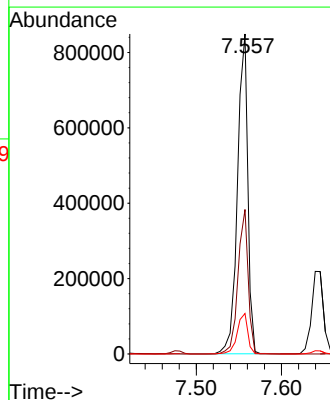
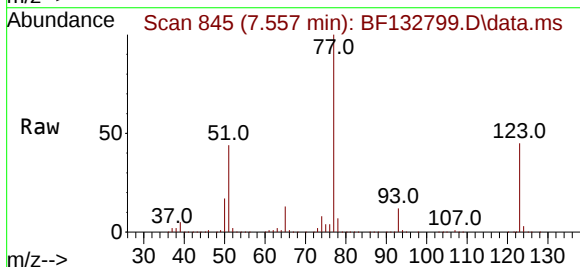
Delta R.T. 0.000 min

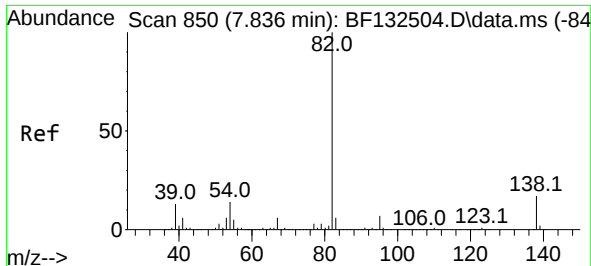
Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Tgt Ion: 77 Resp: 715695

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.8	53.6
65	12.7	10.9	16.3

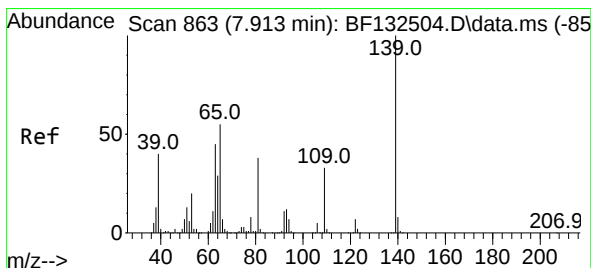
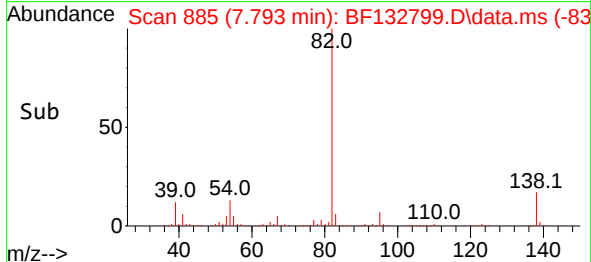
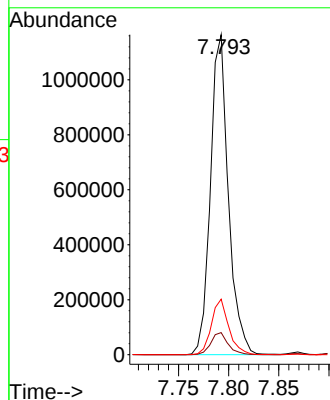
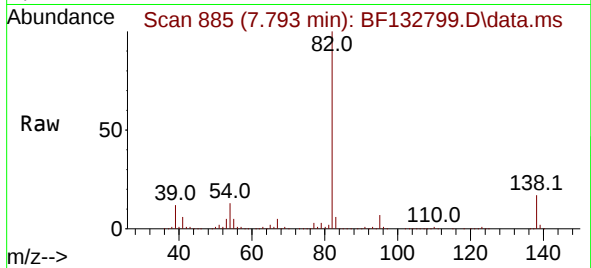




#25
Isophorone
Concen: 41.631 ng
RT: 7.793 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

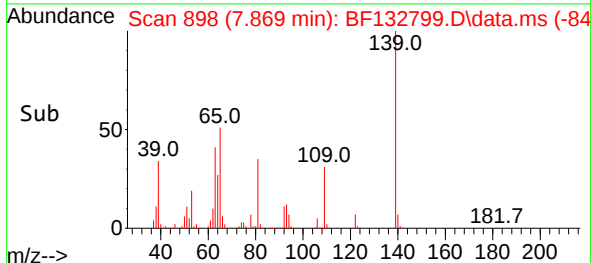
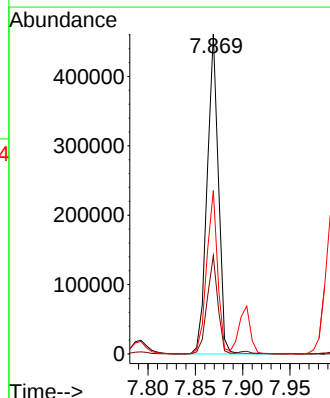
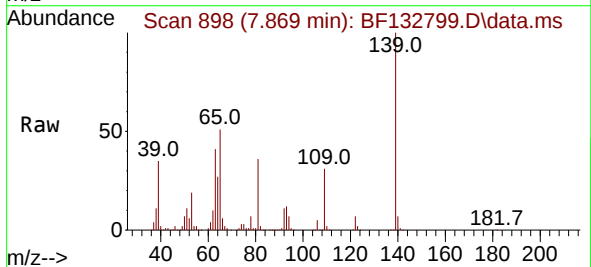
Instrument :
BNA_F
ClientSampleId :
PB151405BS

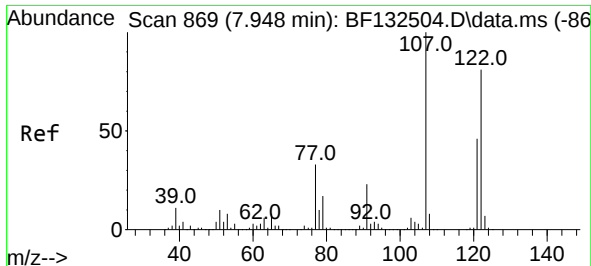
Tgt Ion: 82 Resp: 1449559
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.4 13.3 19.9



#26
2-Nitrophenol
Concen: 44.502 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 139 Resp: 381379
Ion Ratio Lower Upper
139 100
109 30.7 26.2 39.2
65 51.0 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 42.822 ng

RT: 7.904 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

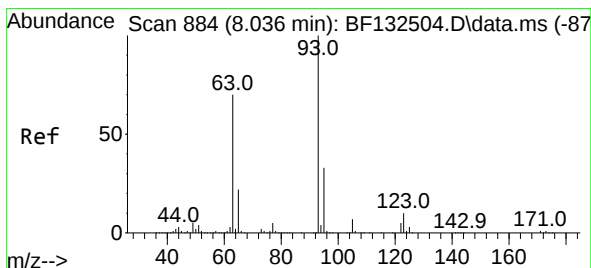
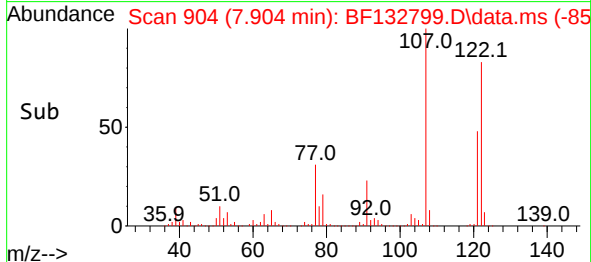
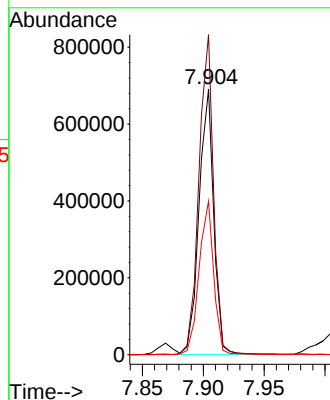
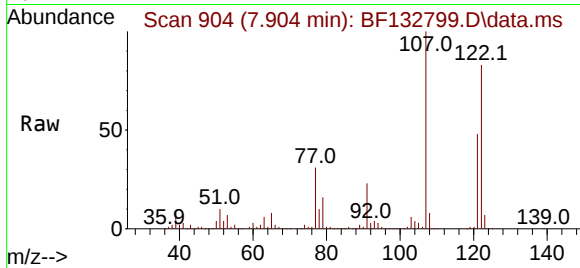
Tgt Ion:122 Resp: 579203

Ion Ratio Lower Upper

122 100

107 120.6 98.7 148.1

121 57.8 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.972 ng

RT: 7.993 min Scan# 919

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

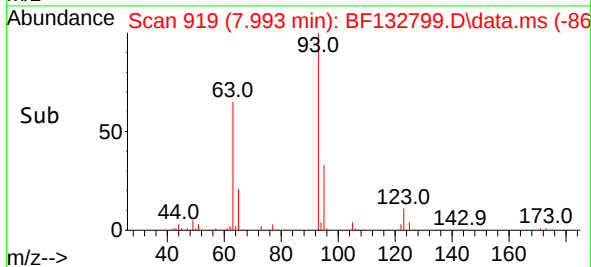
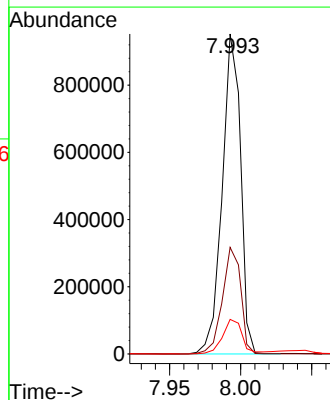
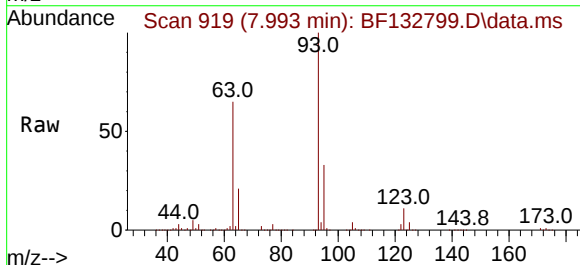
Tgt Ion: 93 Resp: 854923

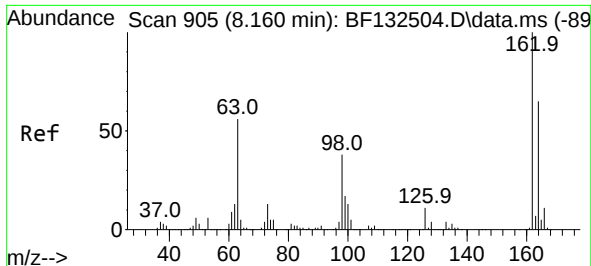
Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.082 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

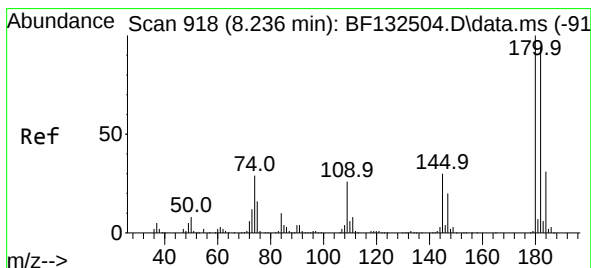
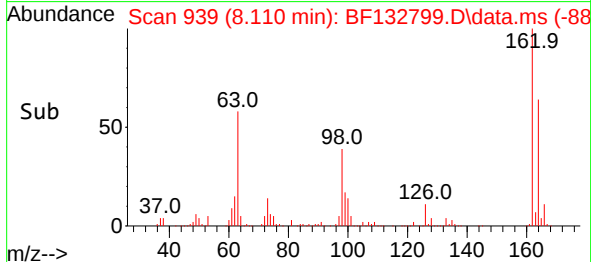
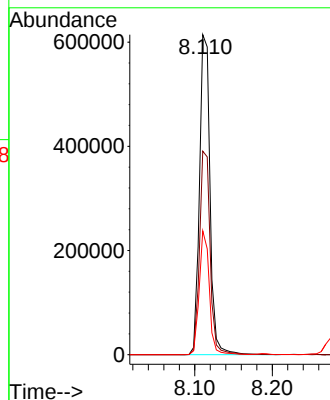
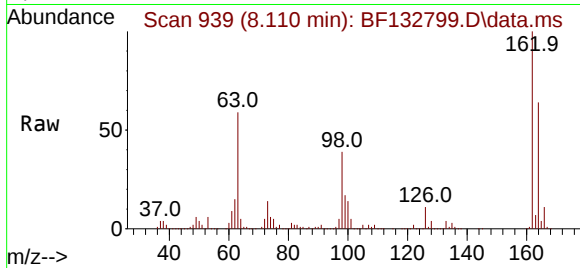
Tgt Ion:162 Resp: 579660

Ion Ratio Lower Upper

162 100

164 63.6 45.3 85.3

98 38.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.926 ng

RT: 8.193 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

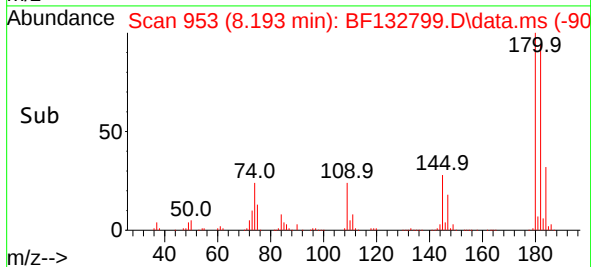
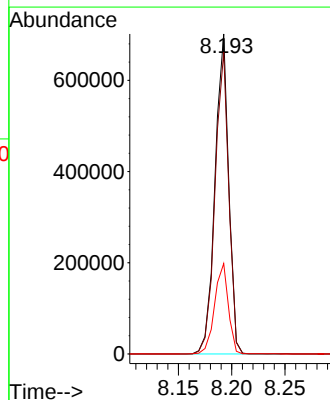
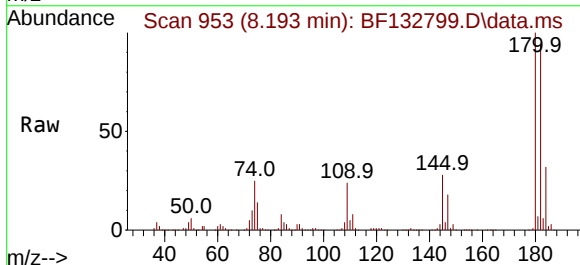
Tgt Ion:180 Resp: 627156

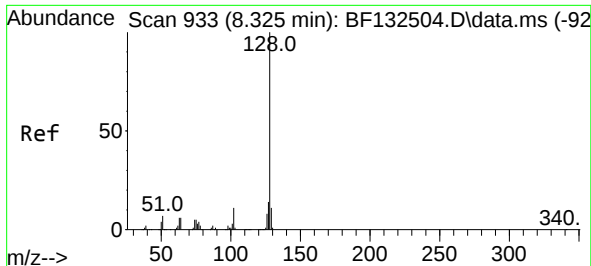
Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 28.2 23.8 35.6

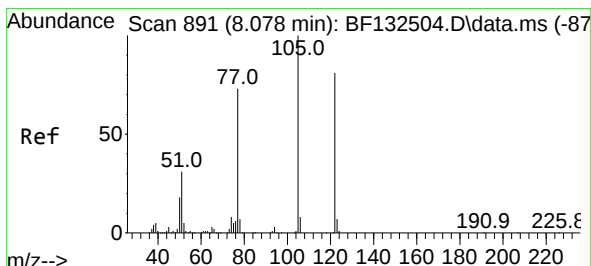
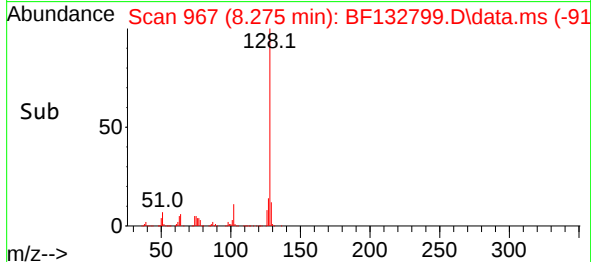
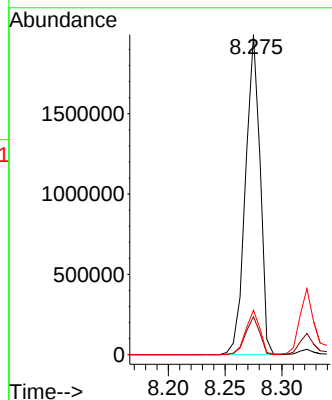
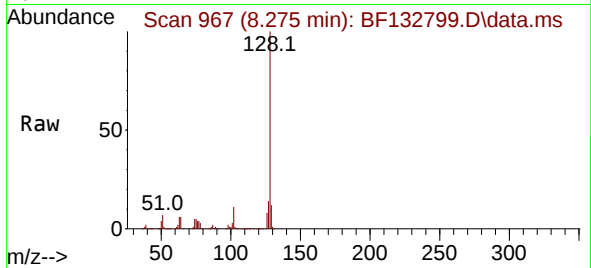




#31
Naphthalene
Concen: 40.223 ng
RT: 8.275 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

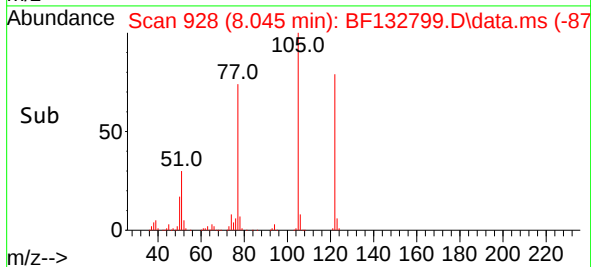
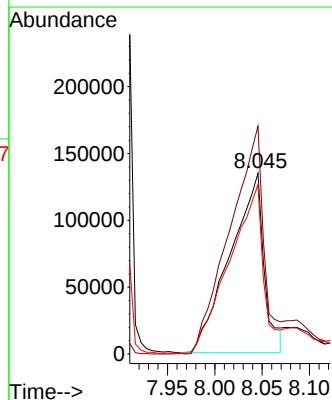
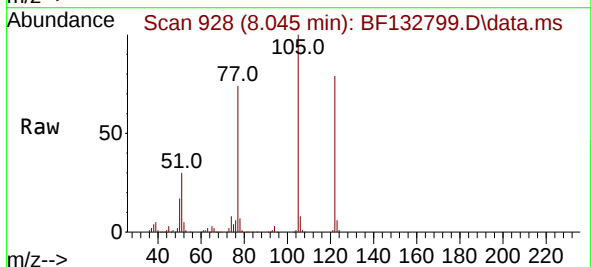
Instrument :
BNA_F
ClientSampleId :
PB151405BS

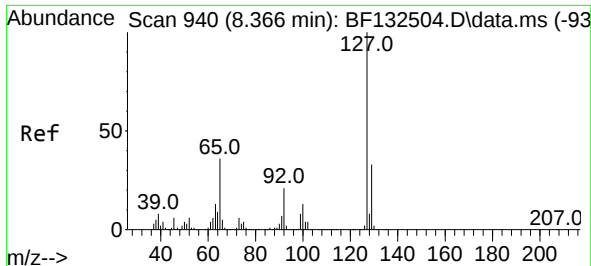
Tgt Ion:128 Resp: 1774289
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 32.666 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.012 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:122 Resp: 333977
Ion Ratio Lower Upper
122 100
105 126.0 102.6 142.6
77 93.6 70.2 110.2

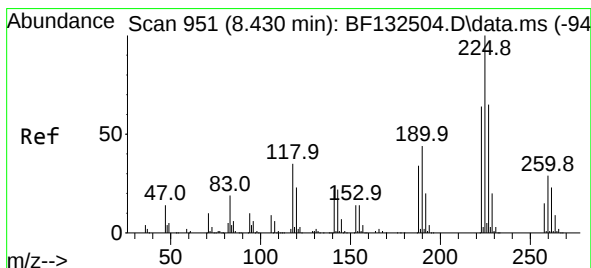
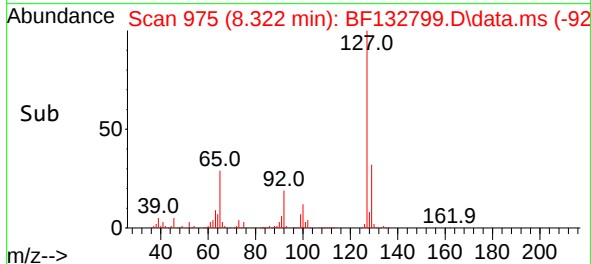
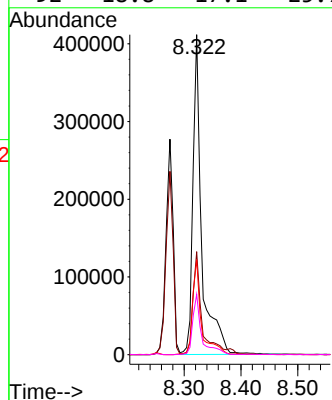
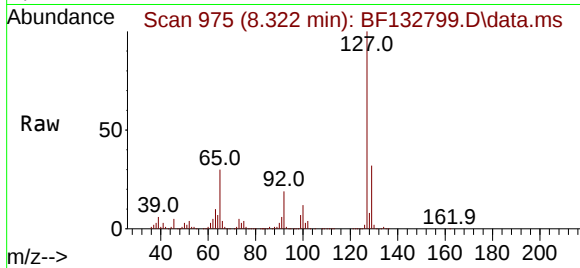




#33
4-Chloroaniline
Concen: 23.684 ng
RT: 8.322 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

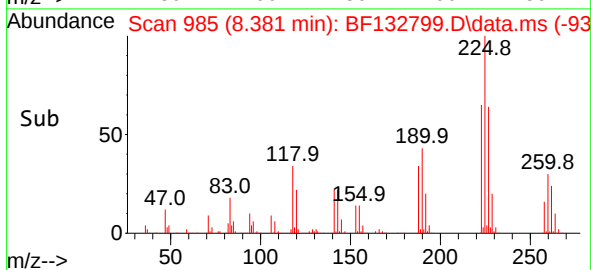
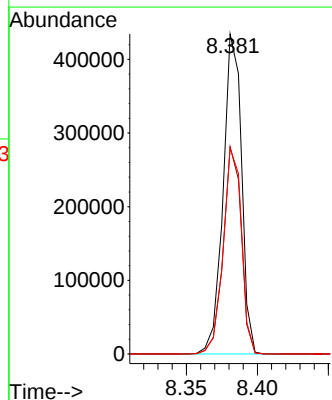
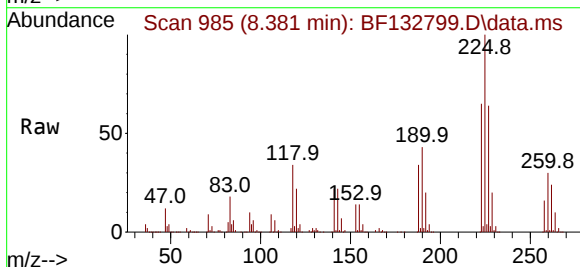
Instrument :
BNA_F
ClientSampleId :
PB151405BS

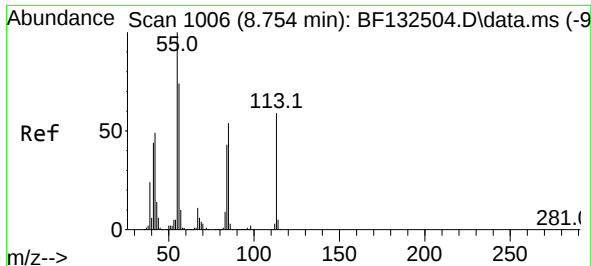
Tgt Ion:	127	Resp:	447693
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	29.7	28.8	43.2
92	18.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.991 ng
RT: 8.381 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:	225	Resp:	389846
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.4
227	64.3	51.7	77.5

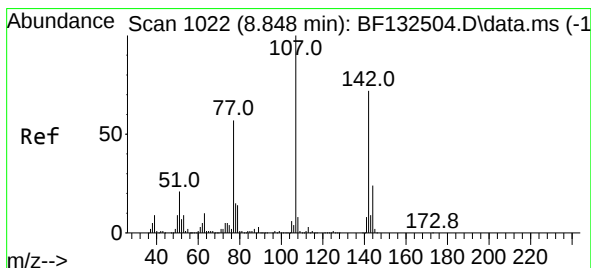
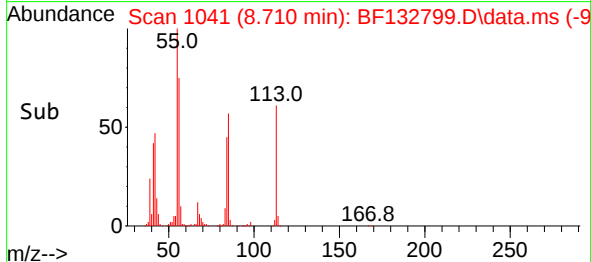
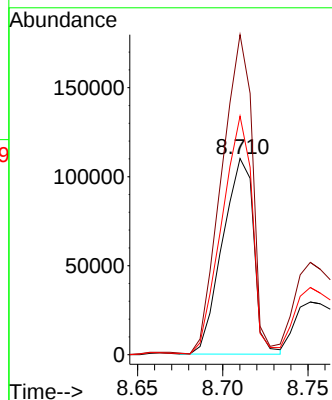
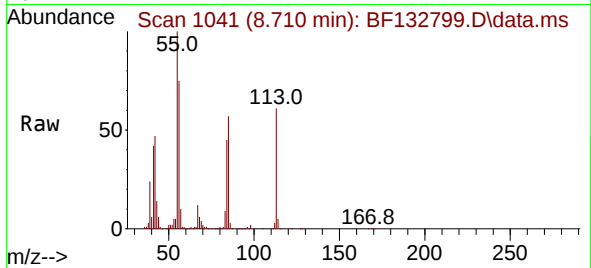




#35
Caprolactam
Concen: 31.549 ng
RT: 8.710 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

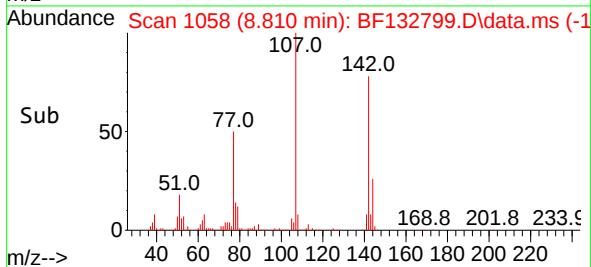
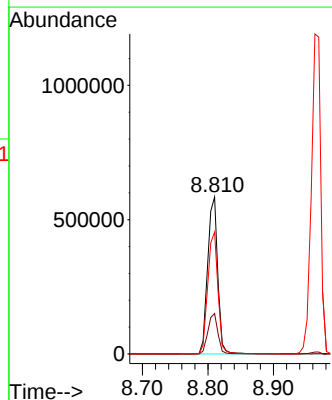
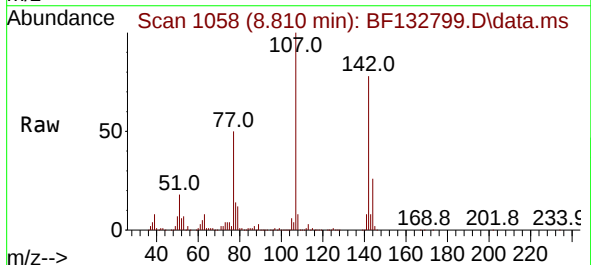
Instrument :
BNA_F
ClientSampleId :
PB151405BS

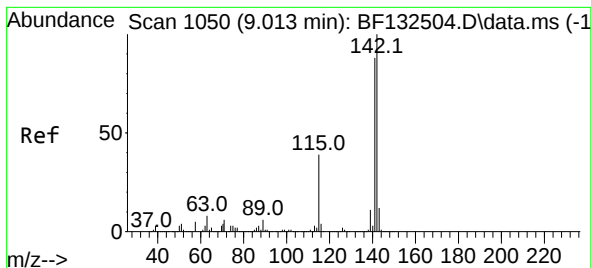
Tgt Ion:113 Resp: 139941
Ion Ratio Lower Upper
113 100
55 163.1 149.4 189.4
56 121.6 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 42.390 ng
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:107 Resp: 626360
Ion Ratio Lower Upper
107 100
144 25.8 18.9 28.3
142 77.7 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.273 ng

RT: 8.963 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

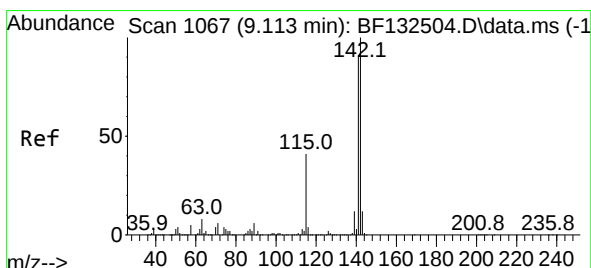
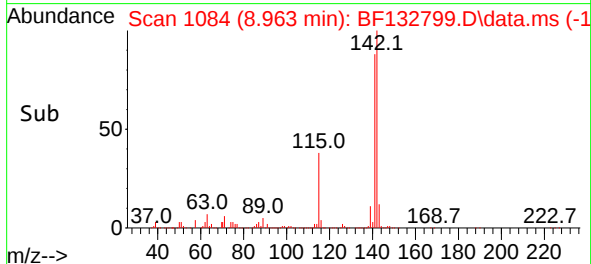
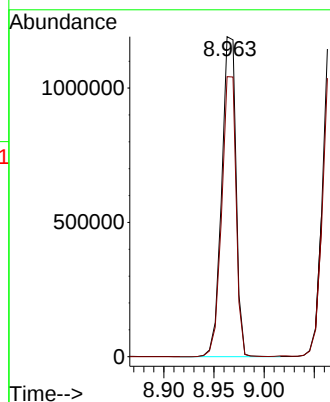
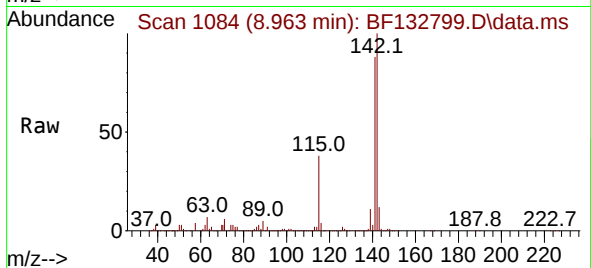
PB151405BS

Tgt Ion:142 Resp: 1180597

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2



#38

1-Methylnaphthalene

Concen: 38.683 ng

RT: 9.063 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF132799.D

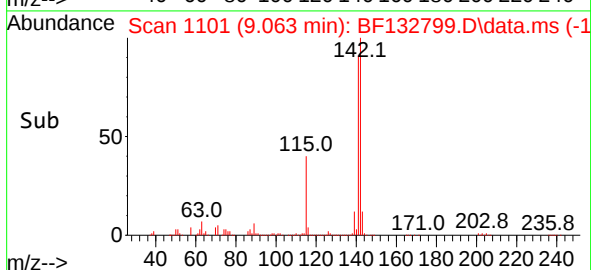
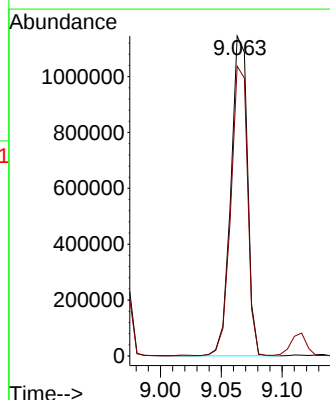
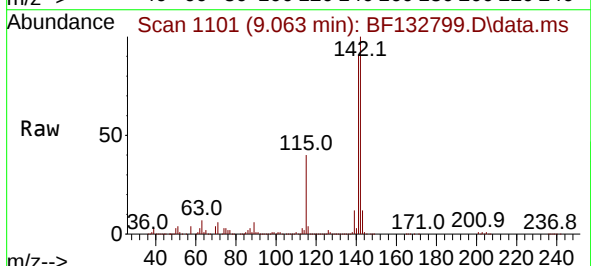
Acq: 15 Mar 2023 12:57

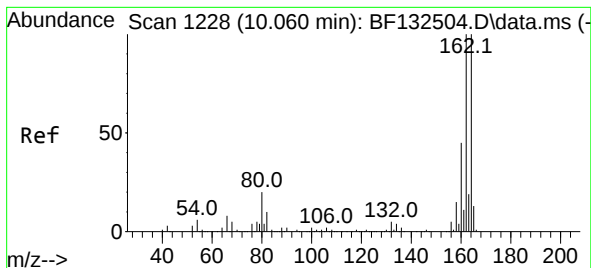
Tgt Ion:142 Resp: 1086741

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

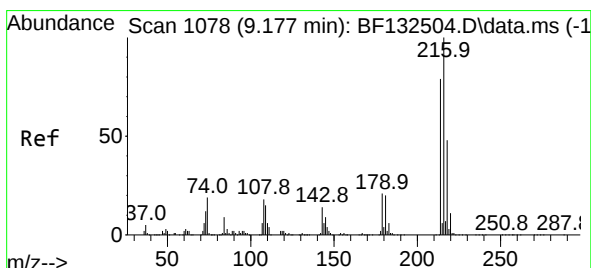
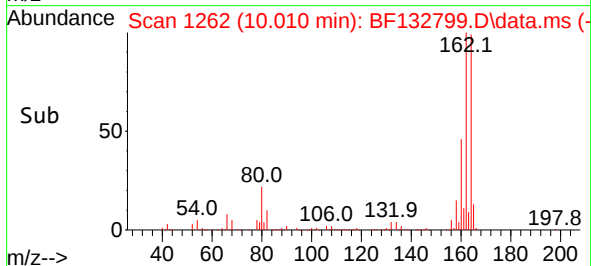
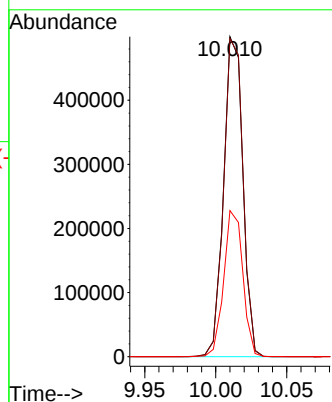
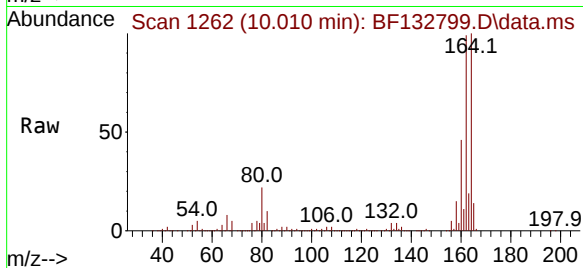
Tgt Ion:164 Resp: 469173

Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

160 45.6 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.356 ng

RT: 9.134 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Tgt Ion:216 Resp: 634824

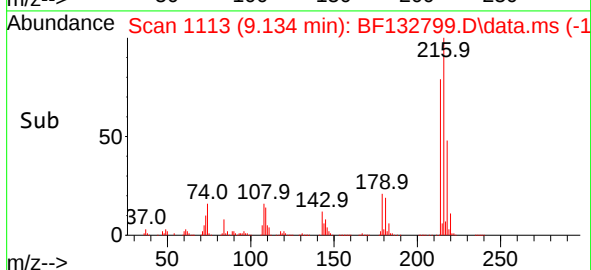
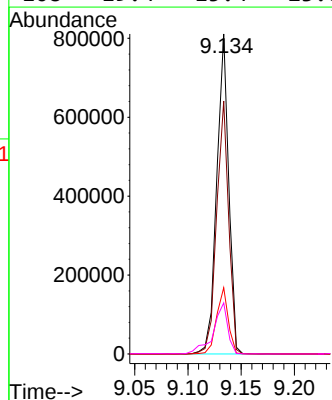
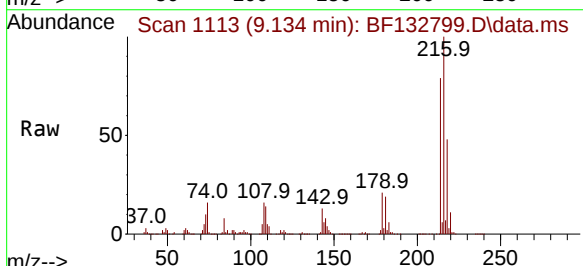
Ion Ratio Lower Upper

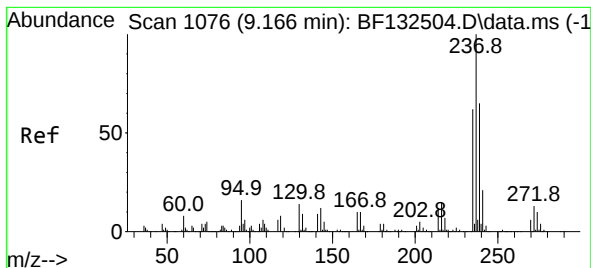
216 100

214 79.5 63.0 94.6

179 20.2 16.6 24.8

108 19.4 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 79.278 ng

RT: 9.116 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

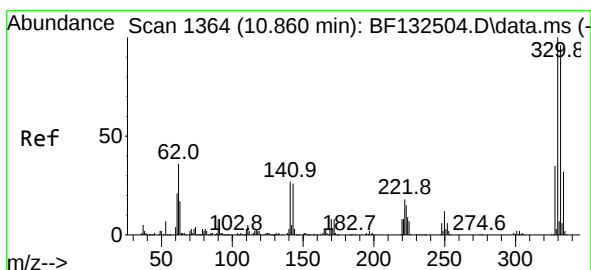
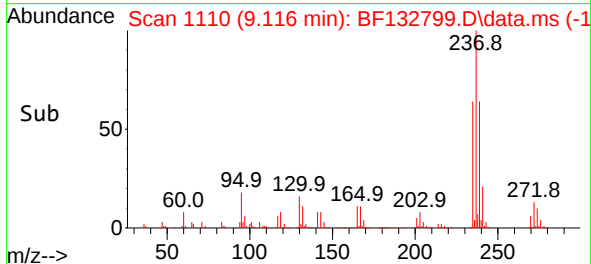
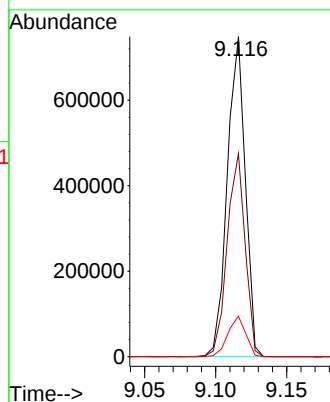
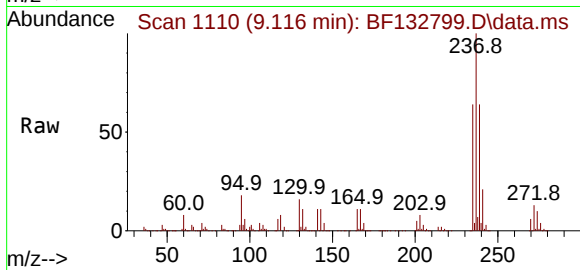
Tgt Ion:237 Resp: 660054

Ion Ratio Lower Upper

237 100

235 63.5 42.4 82.4

272 12.6 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 92.876 ng

RT: 10.810 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

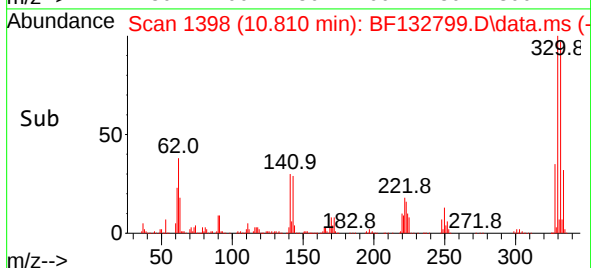
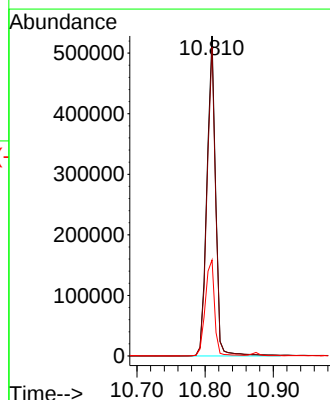
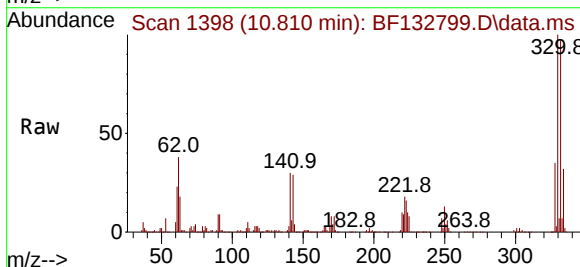
Tgt Ion:330 Resp: 470590

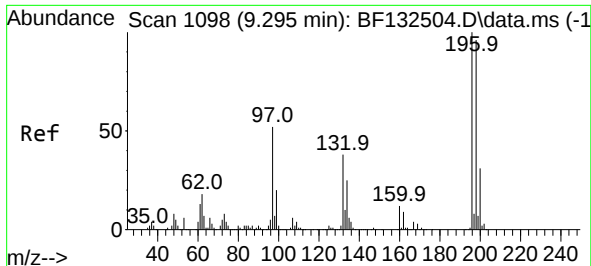
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 32.1 28.4 42.6

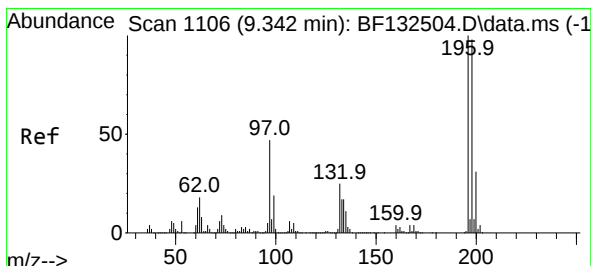
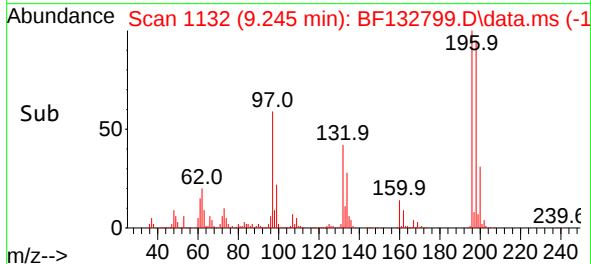
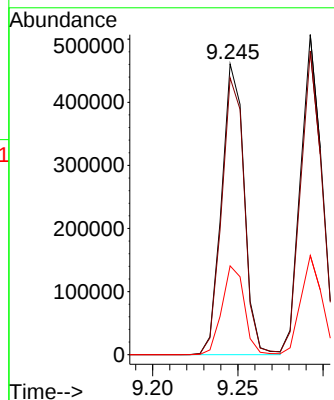
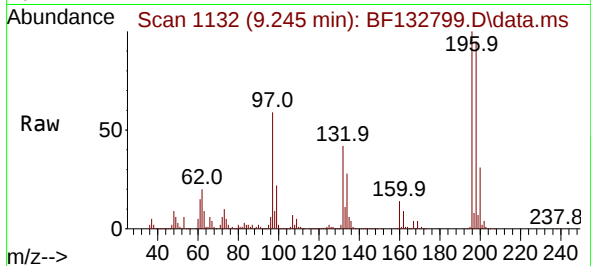




#43
2,4,6-Trichlorophenol
Concen: 40.826 ng
RT: 9.245 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

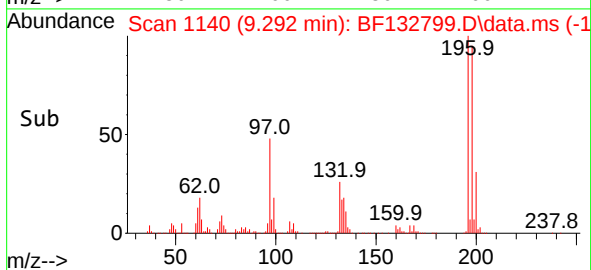
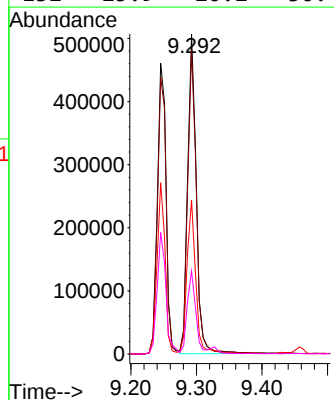
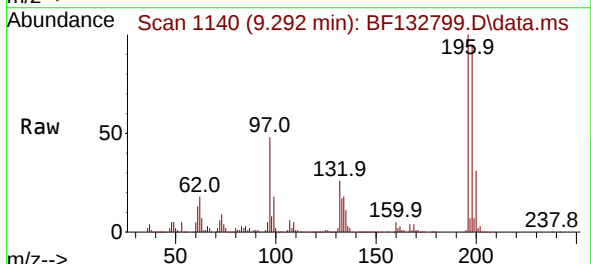
Instrument :
BNA_F
ClientSampleId :
PB151405BS

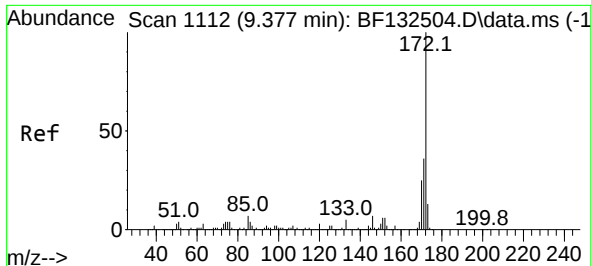
Tgt Ion:196 Resp: 424699
Ion Ratio Lower Upper
196 100
198 95.2 77.1 115.7
200 30.5 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 38.013 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:196 Resp: 461535
Ion Ratio Lower Upper
196 100
198 94.9 78.3 117.5
97 48.0 38.1 57.1
132 25.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 59.849 ng

RT: 9.328 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

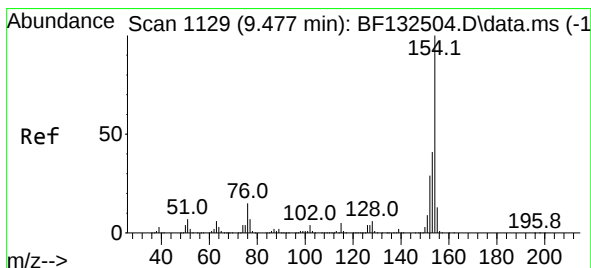
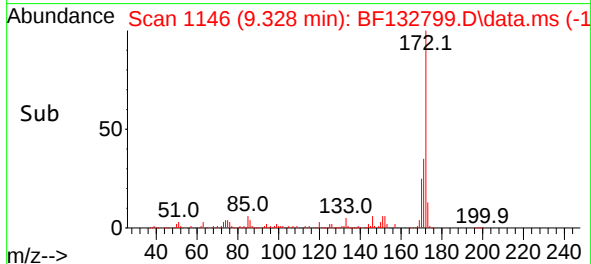
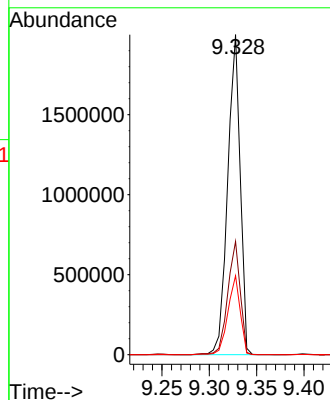
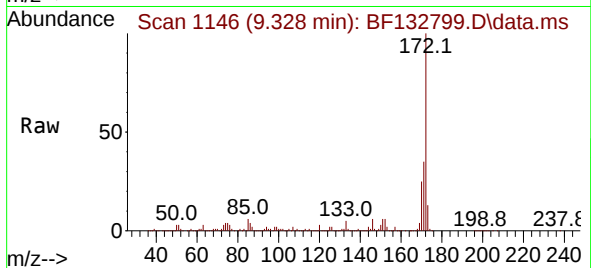
Tgt Ion:172 Resp: 1844107

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.106 ng

RT: 9.428 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

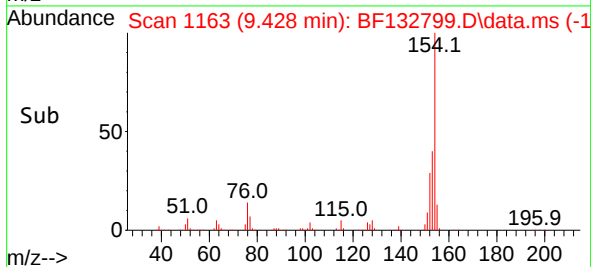
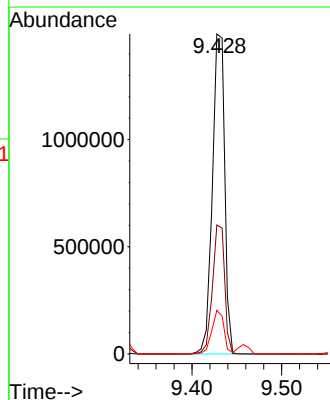
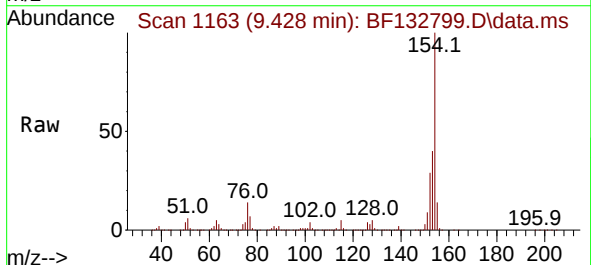
Tgt Ion:154 Resp: 1424202

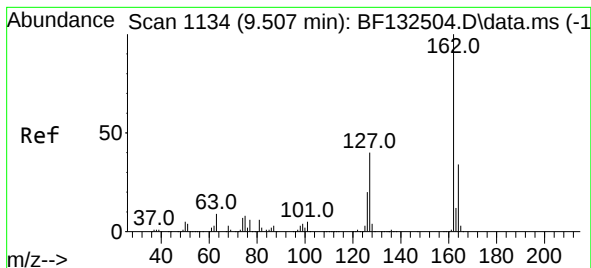
Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

76 13.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.994 ng

RT: 9.457 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

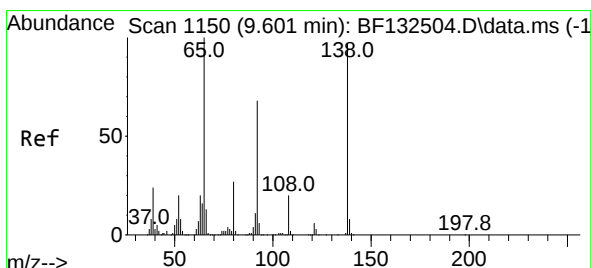
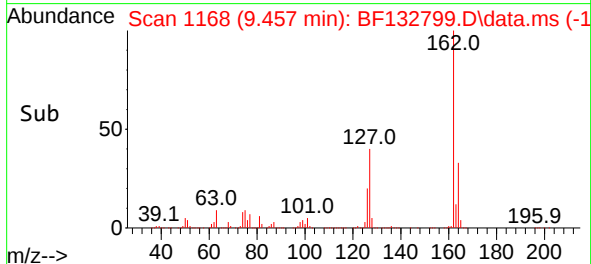
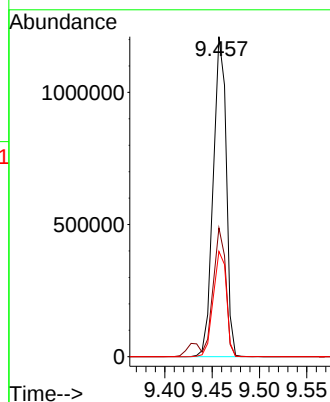
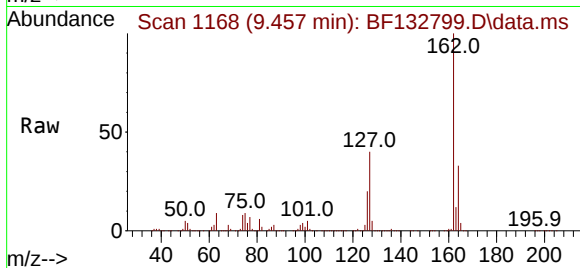
Tgt Ion:162 Resp: 1154183

Ion Ratio Lower Upper

162 100

127 40.2 32.3 48.5

164 32.9 26.9 40.3



#48

2-Nitroaniline

Concen: 37.200 ng

RT: 9.557 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

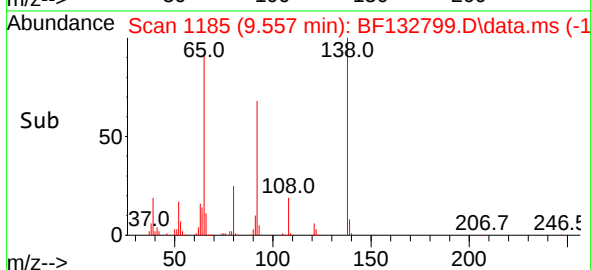
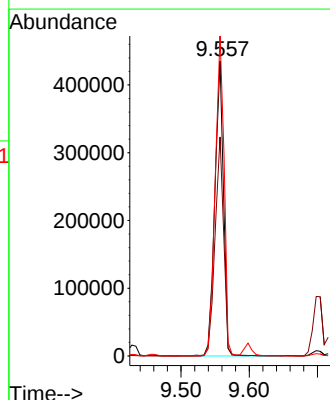
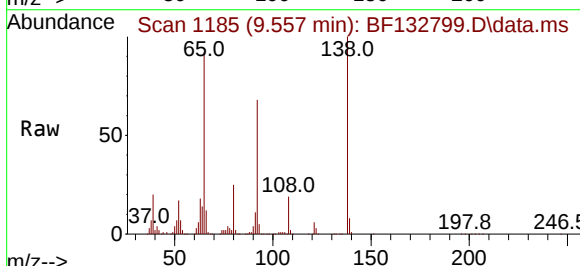
Tgt Ion: 65 Resp: 385740

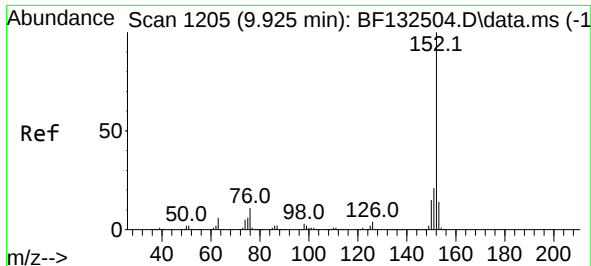
Ion Ratio Lower Upper

65 100

92 74.3 54.5 81.7

138 108.5 77.2 115.8





#49

Acenaphthylene

Concen: 39.002 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

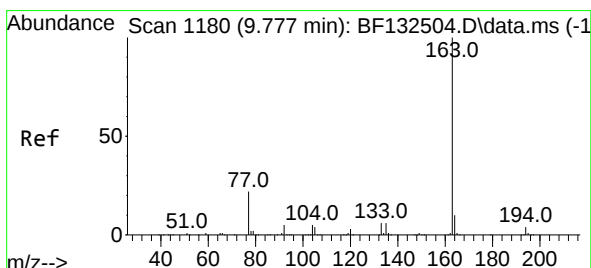
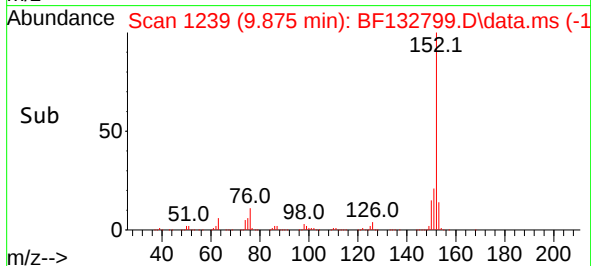
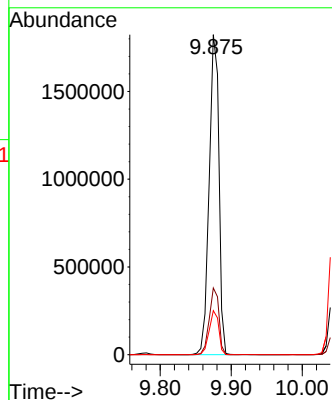
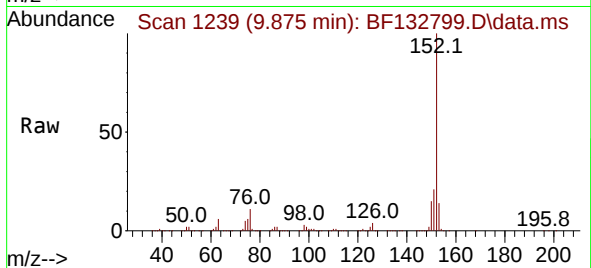
Tgt Ion:152 Resp: 1747635

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 41.291 ng

RT: 9.734 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

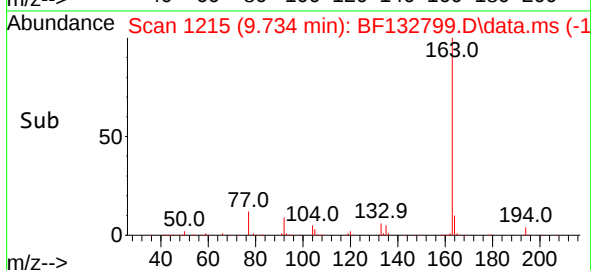
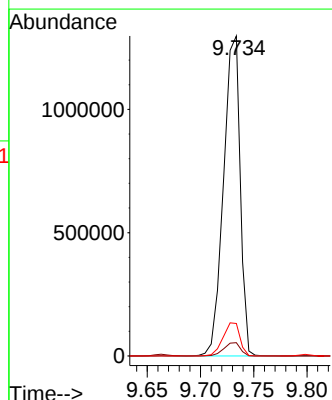
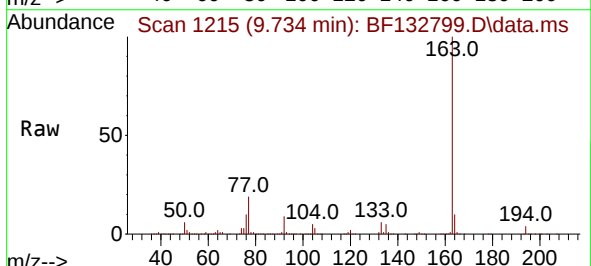
Tgt Ion:163 Resp: 1410558

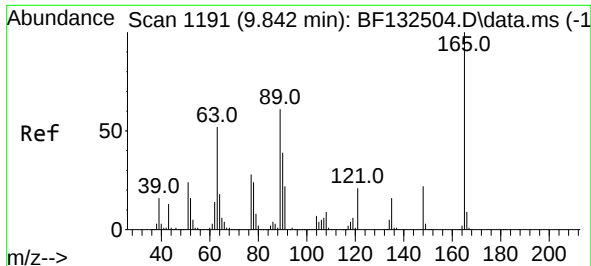
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.994 ng

RT: 9.798 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

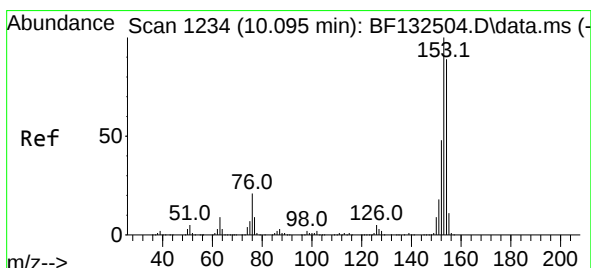
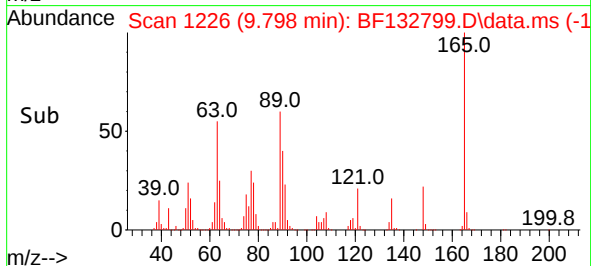
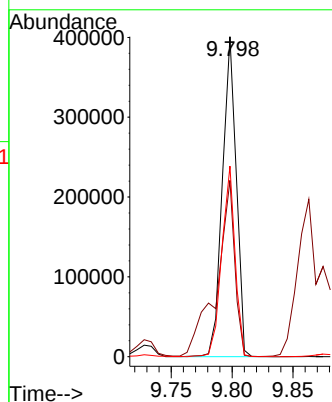
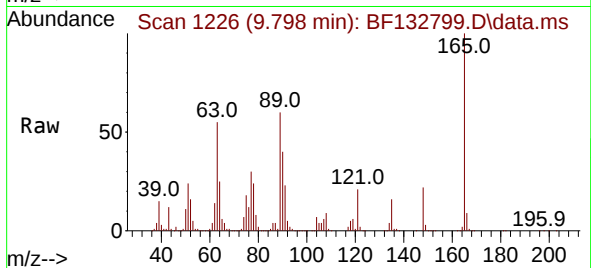
Tgt Ion:165 Resp: 318931

Ion Ratio Lower Upper

165 100

63 55.1 47.3 70.9

89 59.5 48.9 73.3



#52

Acenaphthene

Concen: 35.723 ng

RT: 10.051 min Scan# 1269

Delta R.T. 0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

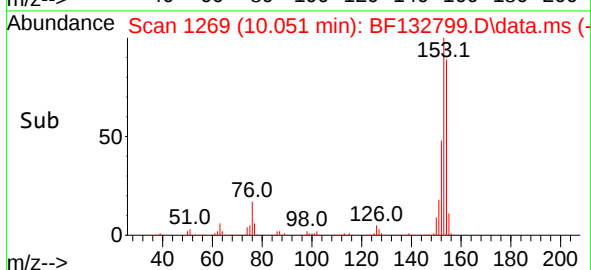
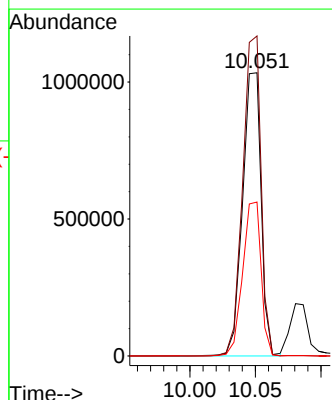
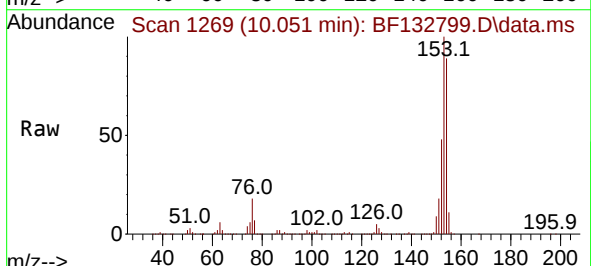
Tgt Ion:154 Resp: 1016434

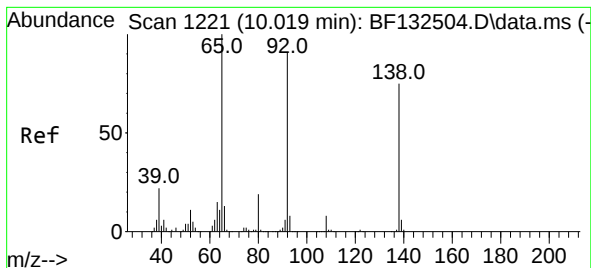
Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.8

152 54.3 43.3 64.9

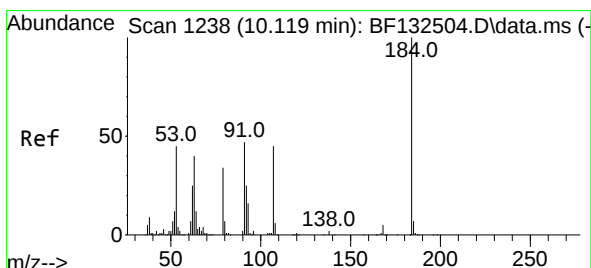
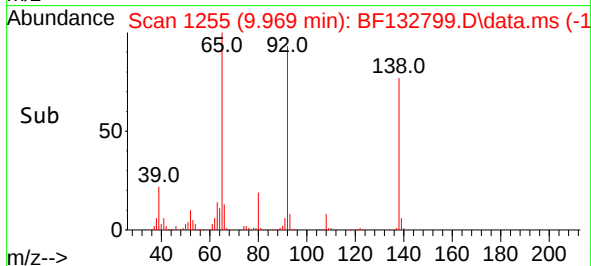
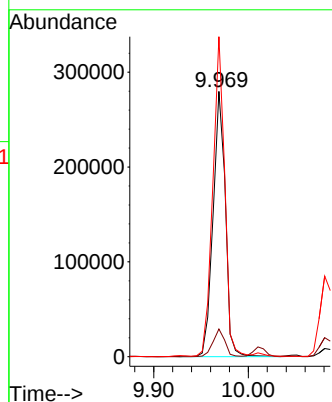
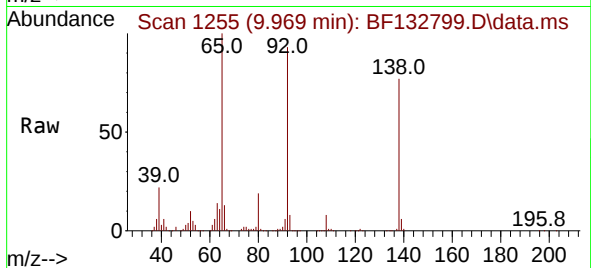




#53
3-Nitroaniline
Concen: 28.892 ng
RT: 9.969 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

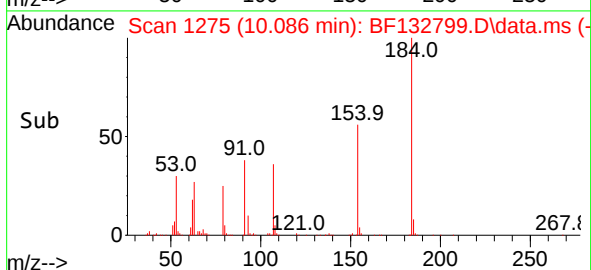
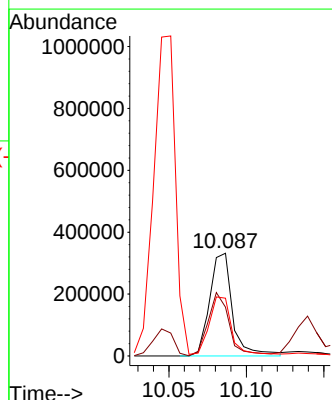
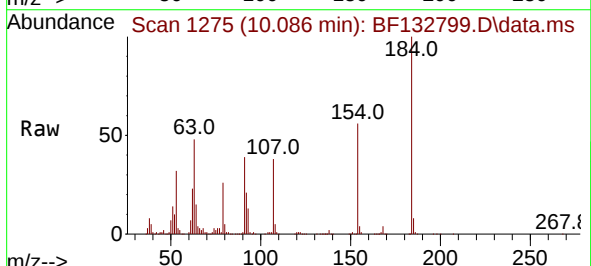
Instrument :
BNA_F
ClientSampleId :
PB151405BS

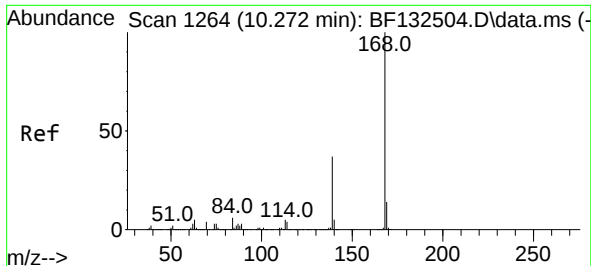
Tgt Ion:138 Resp: 251443
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 120.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 69.650 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:184 Resp: 340270
Ion Ratio Lower Upper
184 100
63 47.6 51.4 77.2#
154 56.3 48.3 72.5

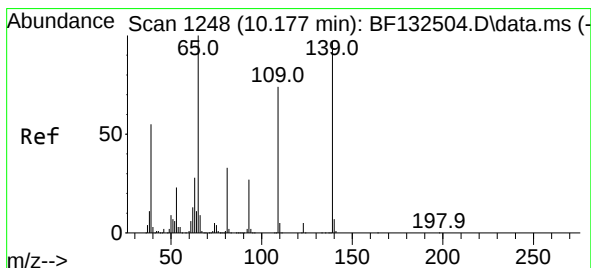
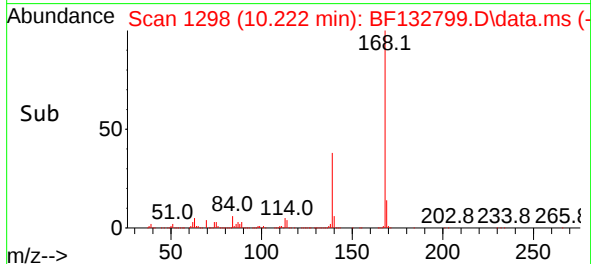
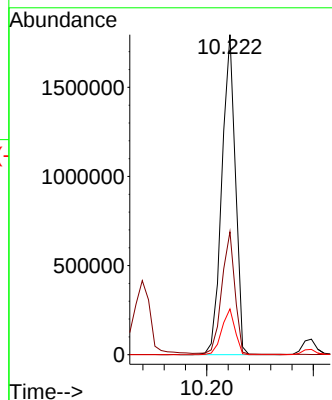
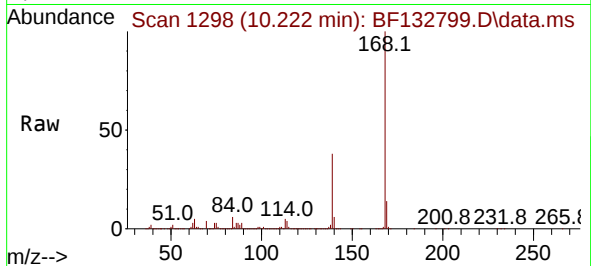




#55
Dibenzenofuran
Concen: 37.886 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

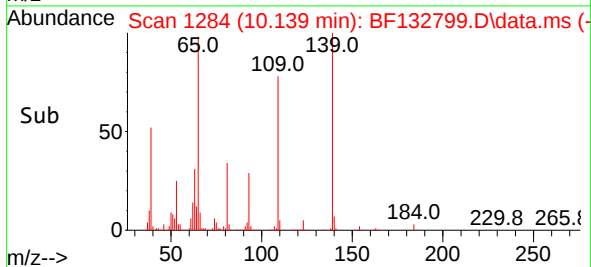
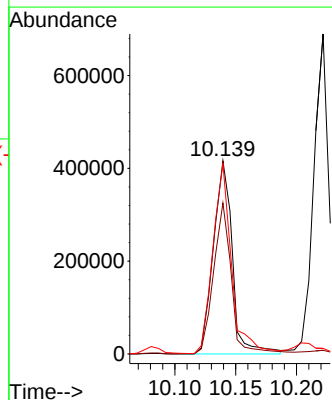
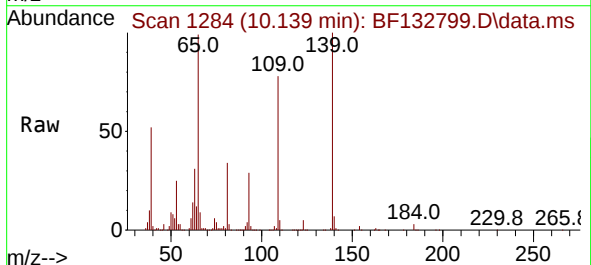
Instrument :
BNA_F
ClientSampleId :
PB151405BS

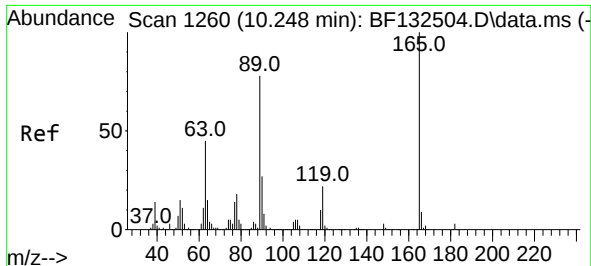
Tgt Ion:168 Resp: 1571529
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 14.3 10.9 16.3



#56
4-Nitrophenol
Concen: 69.267 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:139 Resp: 449564
Ion Ratio Lower Upper
139 100
109 78.3 56.7 96.7
65 98.6 83.5 123.5

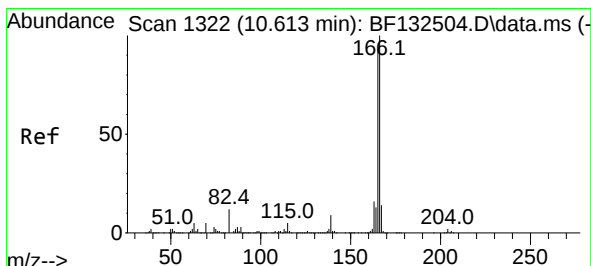
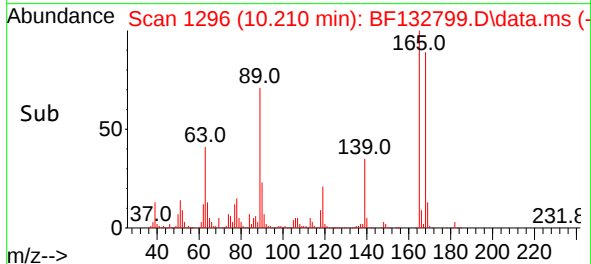
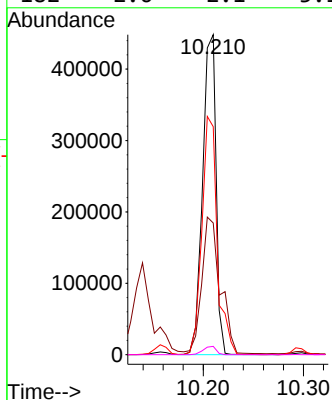
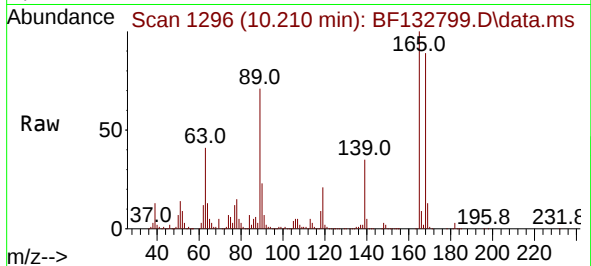




#57
2,4-Dinitrotoluene
Concen: 40.524 ng
RT: 10.210 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

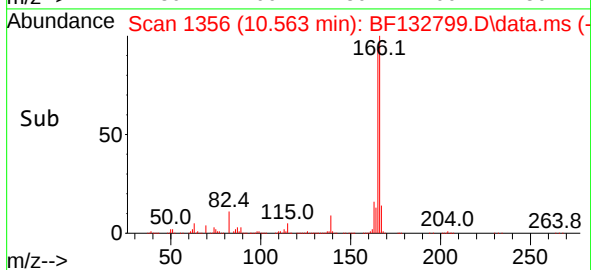
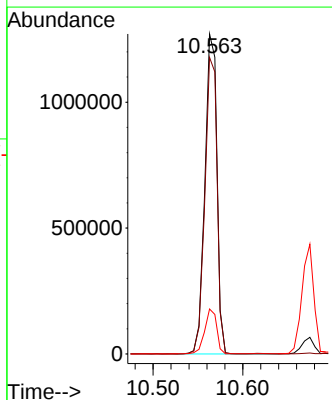
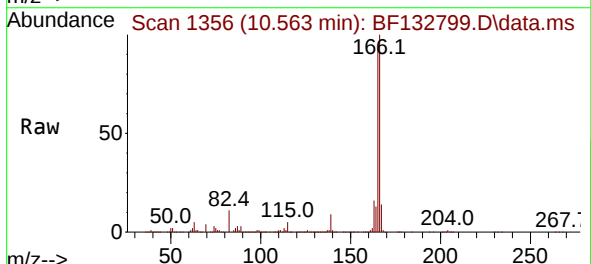
Instrument :
BNA_F
ClientSampleId :
PB151405BS

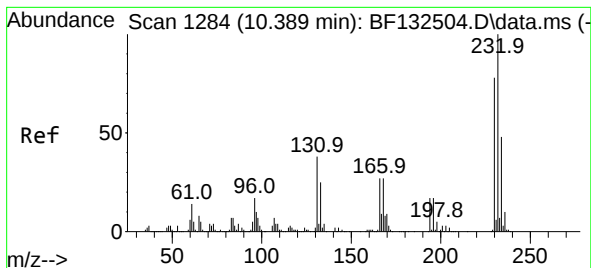
Tgt Ion:165 Resp: 419431
Ion Ratio Lower Upper
165 100
63 41.1 36.5 54.7
89 71.2 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 37.383 ng
RT: 10.563 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:166 Resp: 1186101
Ion Ratio Lower Upper
166 100
165 92.7 74.2 111.4
167 14.1 11.1 16.7

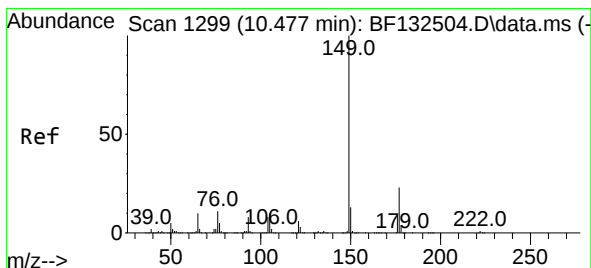
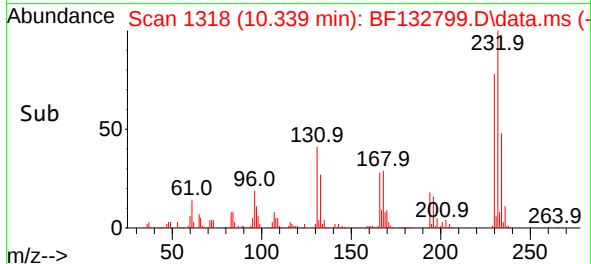
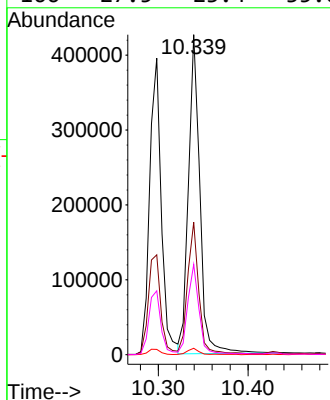
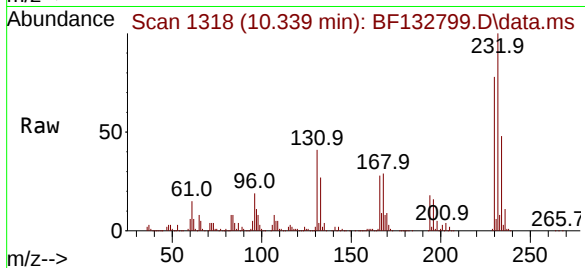




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.718 ng
RT: 10.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

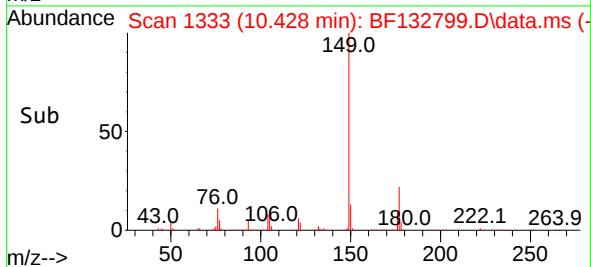
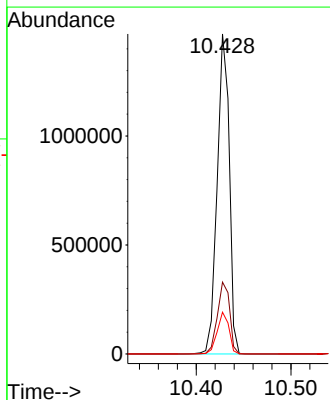
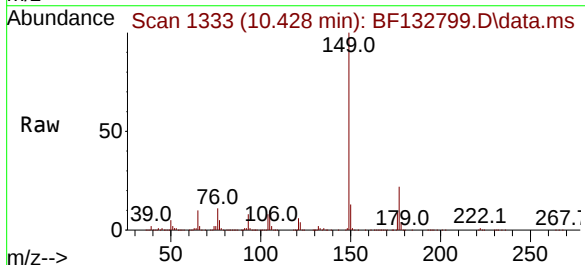
Instrument :
BNA_F
ClientSampleId :
PB151405BS

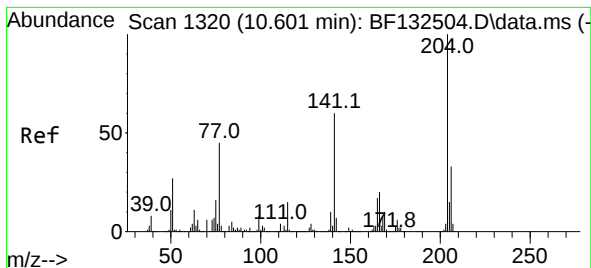
Tgt Ion:232 Resp: 376262
Ion Ratio Lower Upper
232 100
131 40.2 33.8 50.8
130 2.2 1.7 2.5
166 27.5 23.4 35.0



#60
Diethylphthalate
Concen: 39.141 ng
RT: 10.428 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:149 Resp: 1305888
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 13.0 10.2 15.2

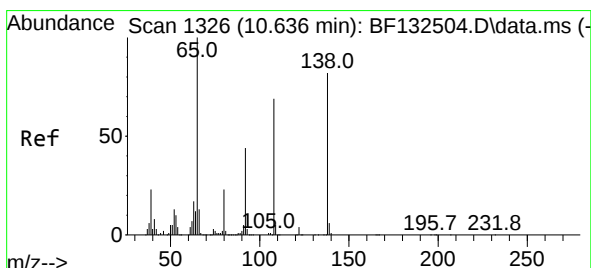
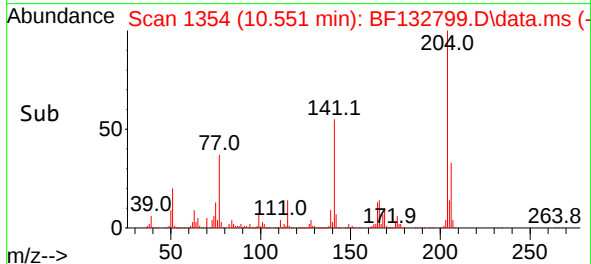
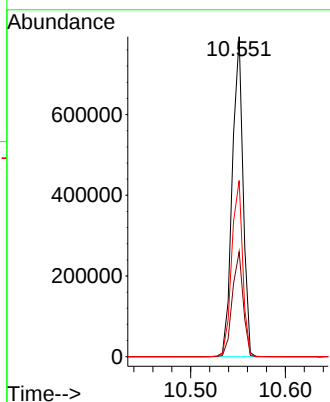
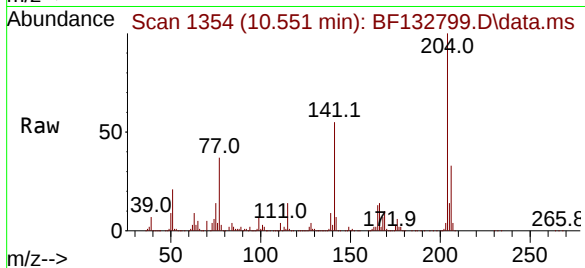




#61
4-Chlorophenyl-phenylether
Concen: 38.087 ng
RT: 10.551 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

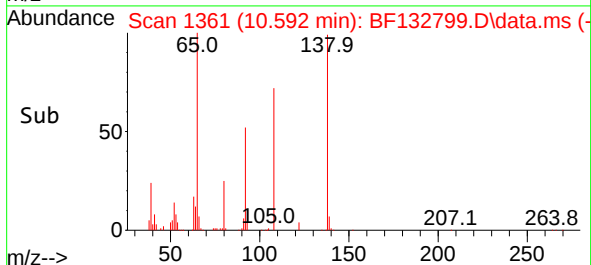
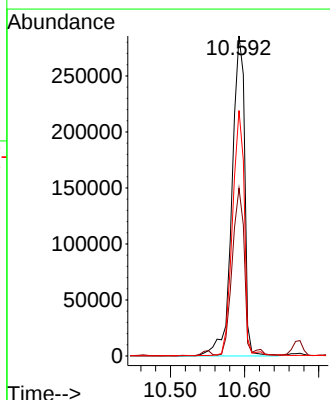
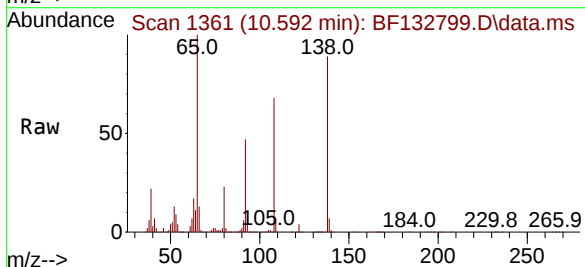
Instrument :
BNA_F
ClientSampleId :
PB151405BS

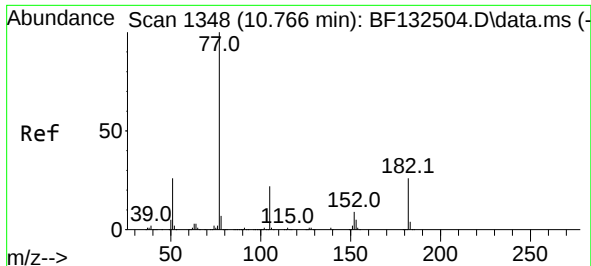
Tgt Ion:204 Resp: 626901
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 55.1 47.8 71.8



#62
4-Nitroaniline
Concen: 39.899 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:138 Resp: 340852
Ion Ratio Lower Upper
138 100
92 52.5 33.8 73.8
108 76.7 63.7 103.7



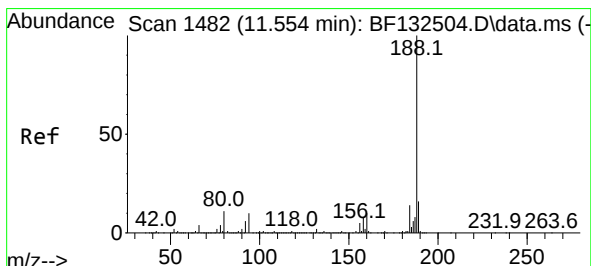
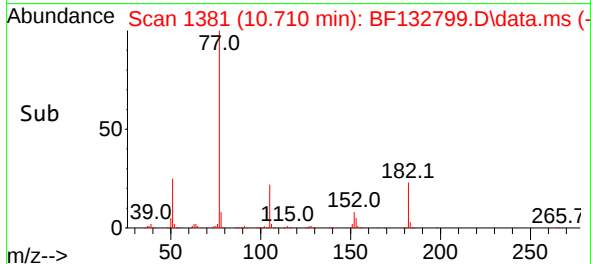
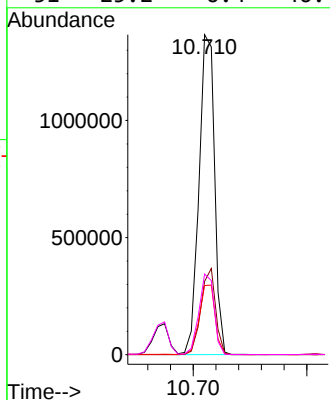
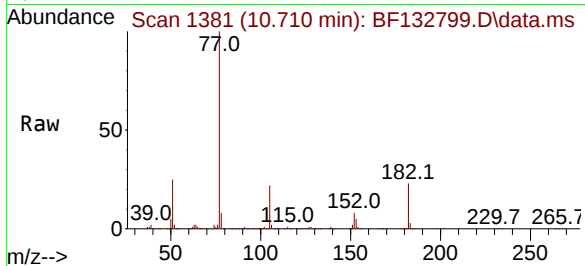


#63
Azobenzene
Concen: 36.818 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :
PB151405BS

Tgt Ion: 77 Resp: 1300935

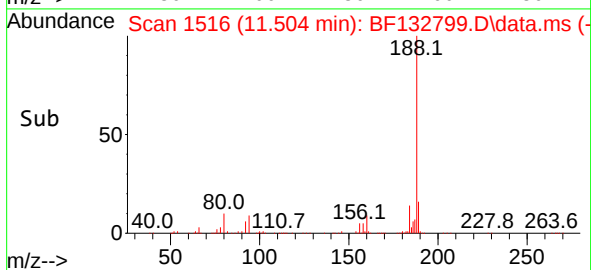
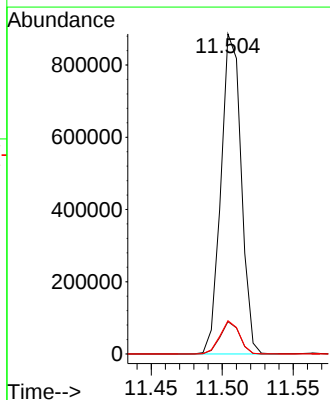
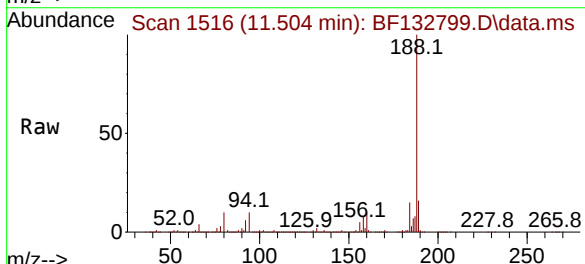
Ion	Ratio	Lower	Upper
77	100		
182	22.9	5.5	45.5
105	21.6	1.8	41.8
51	25.2	6.4	46.4

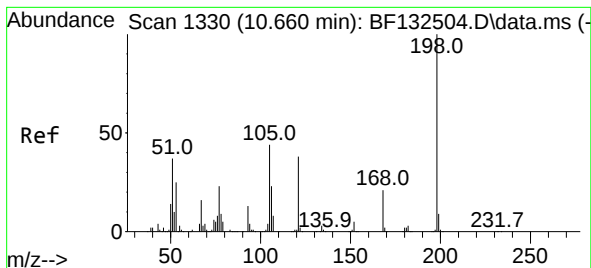


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion: 188 Resp: 877341

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	10.4	8.7	13.1

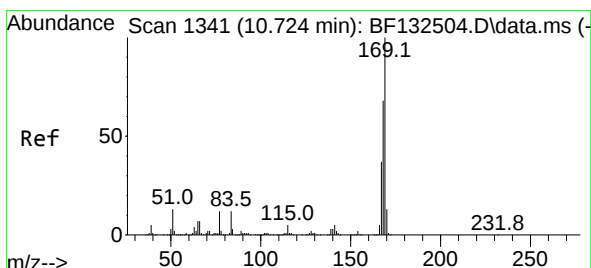
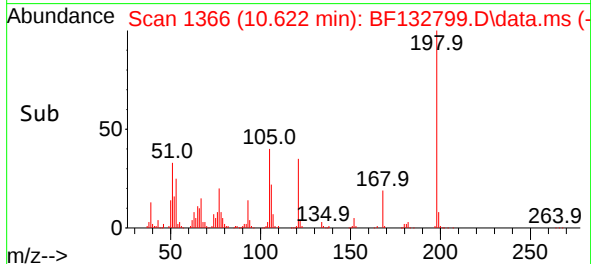
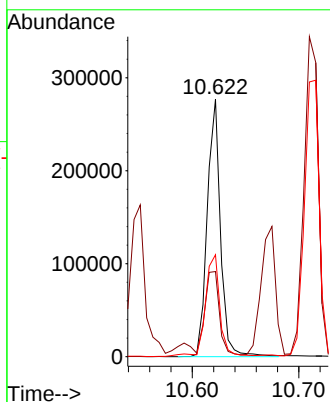
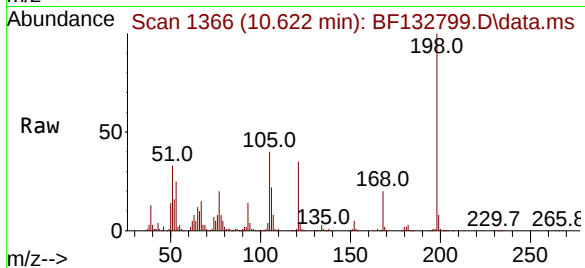




#65
4,6-Dinitro-2-methylphenol
Concen: 40.417 ng
RT: 10.622 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

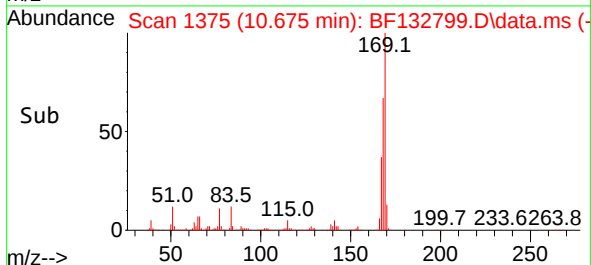
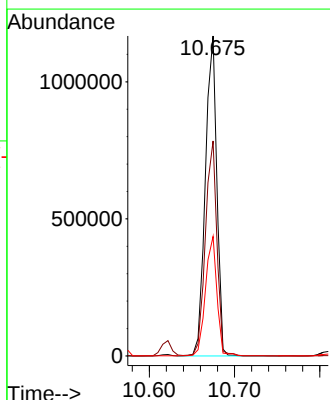
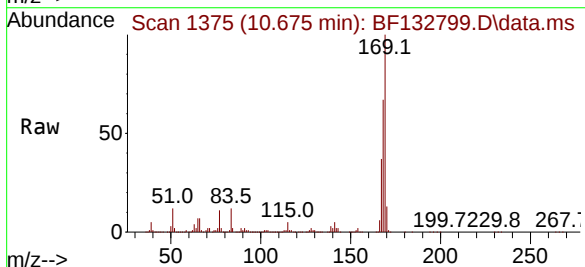
Instrument :
BNA_F
ClientSampleId :
PB151405BS

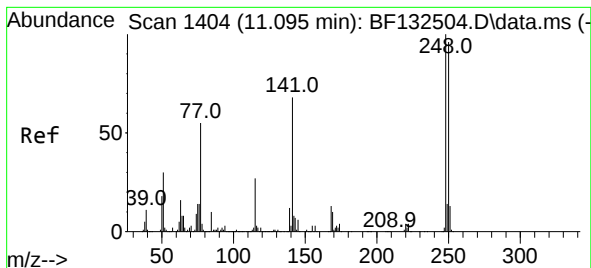
Tgt Ion:198 Resp: 240046
Ion Ratio Lower Upper
198 100
51 33.1 20.6 60.6
105 39.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.782 ng
RT: 10.675 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:169 Resp: 1088102
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 37.4 29.6 44.4

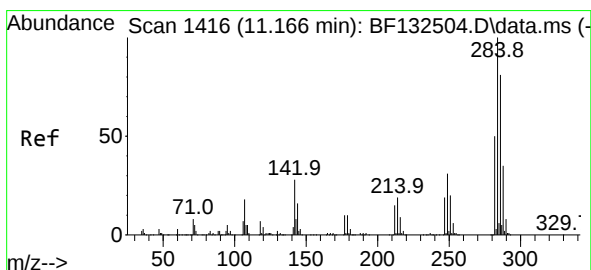
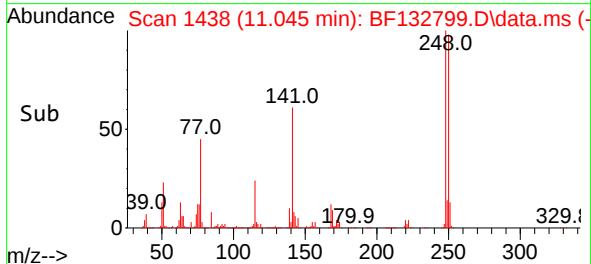
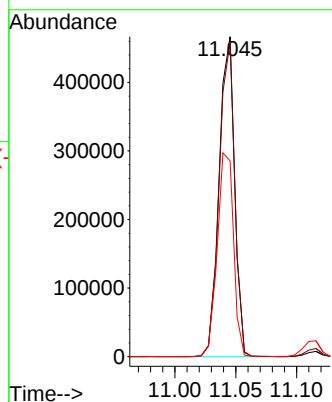
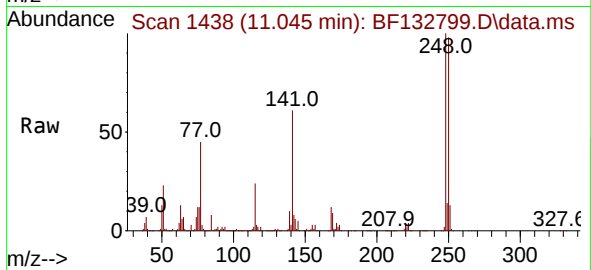




#67
4-Bromophenyl-phenylether
Concen: 41.804 ng
RT: 11.045 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

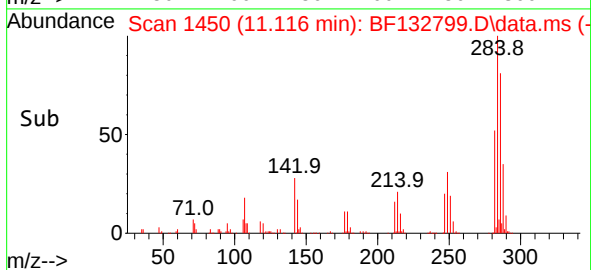
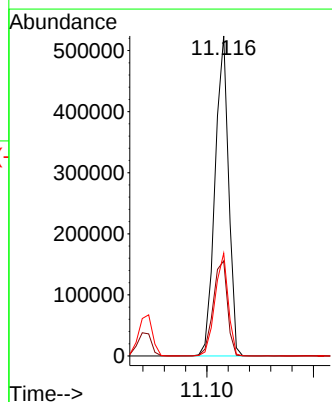
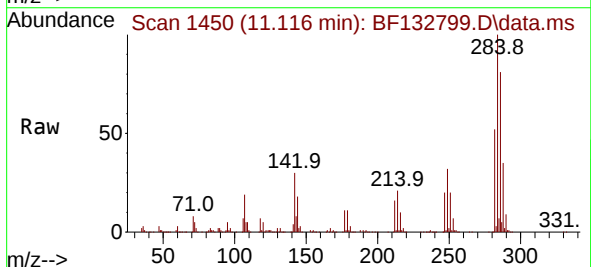
Instrument :
BNA_F
ClientSampleId :
PB151405BS

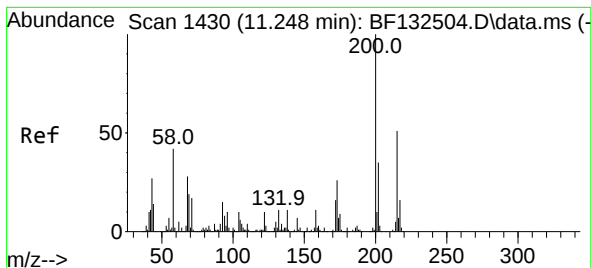
Tgt Ion:248 Resp: 414870
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.4
141 61.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.242 ng
RT: 11.116 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:284 Resp: 461992
Ion Ratio Lower Upper
284 100
142 29.7 22.2 33.4
249 32.1 24.9 37.3





#69

Atrazine

Concen: 44.530 ng

RT: 11.198 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

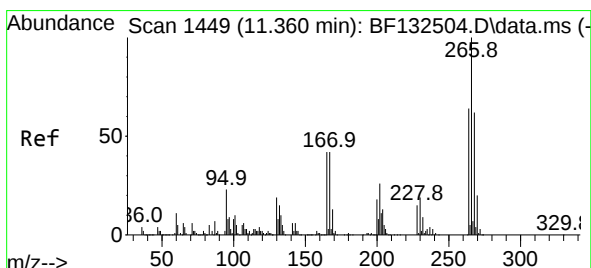
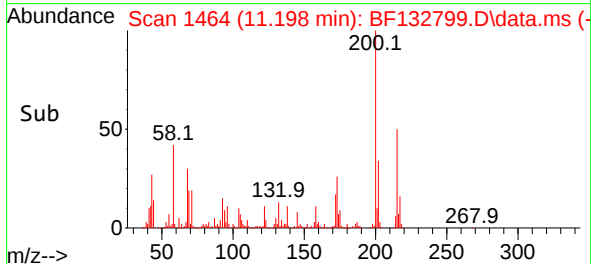
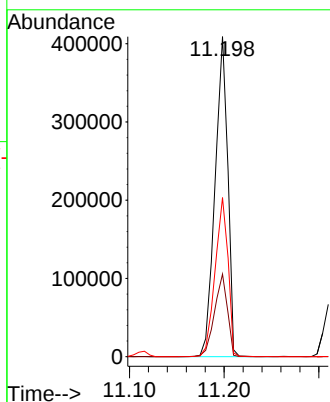
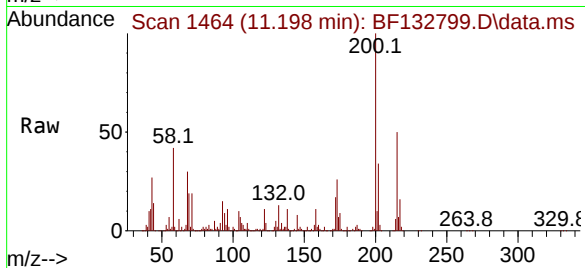
Tgt Ion:200 Resp: 380239

Ion Ratio Lower Upper

200 100

173 25.8 6.4 46.4

215 49.7 31.0 71.0



#70

Pentachlorophenol

Concen: 65.504 ng

RT: 11.316 min Scan# 1484

Delta R.T. 0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

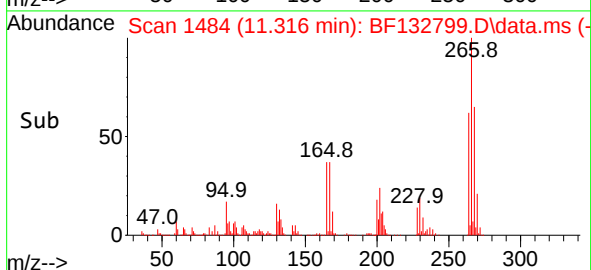
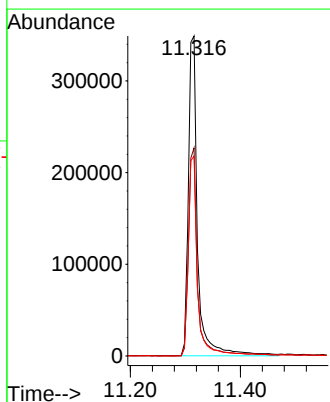
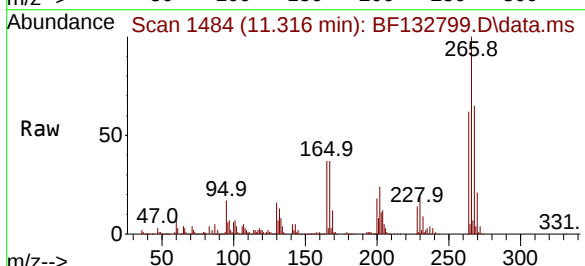
Tgt Ion:266 Resp: 406967

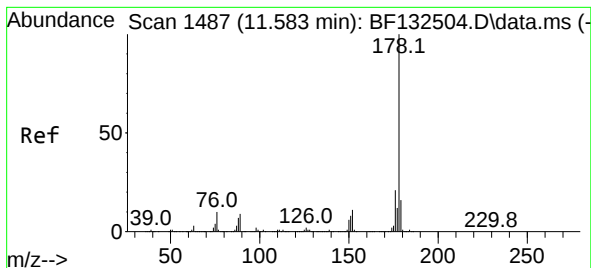
Ion Ratio Lower Upper

266 100

268 65.0 49.8 74.6

264 62.4 50.9 76.3





#71

Phenanthrene

Concen: 39.920 ng

RT: 11.533 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

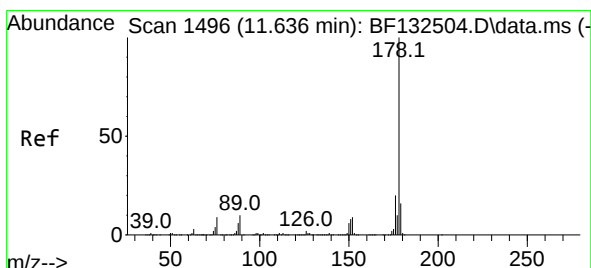
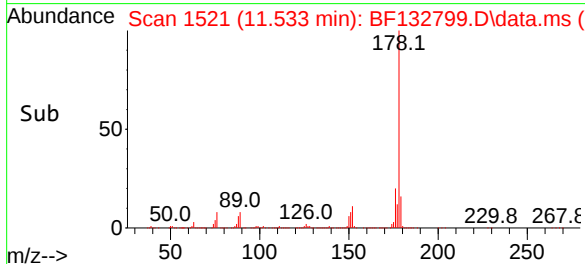
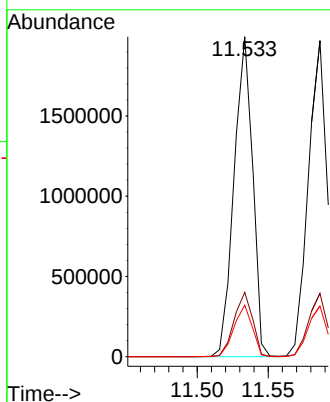
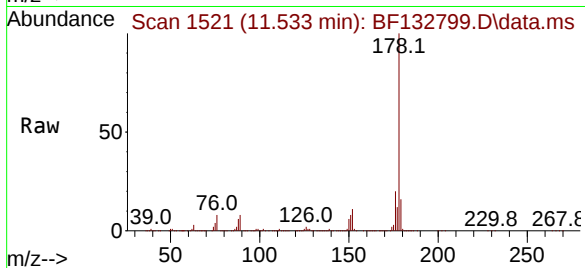
Tgt Ion:178 Resp: 1814364

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

179 16.1 13.0 19.6



#72

Anthracene

Concen: 38.505 ng

RT: 11.586 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

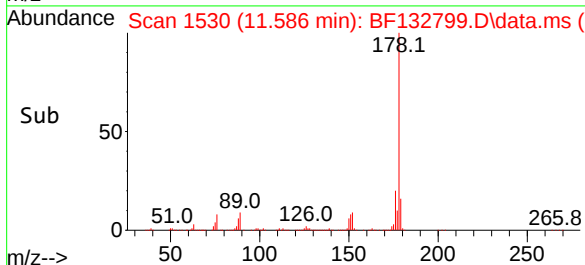
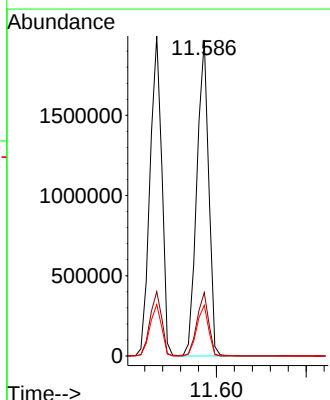
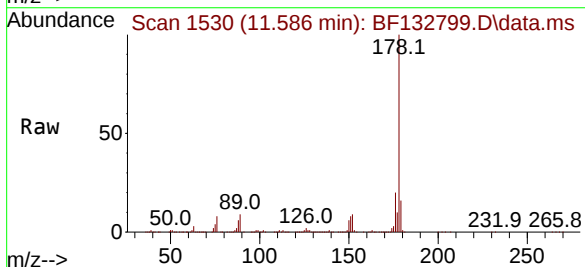
Tgt Ion:178 Resp: 1802184

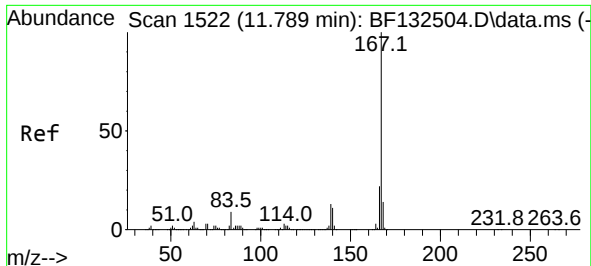
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 16.1 12.5 18.7

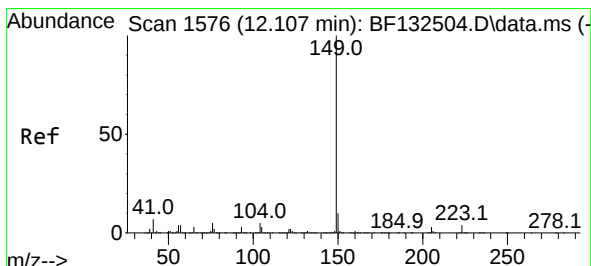
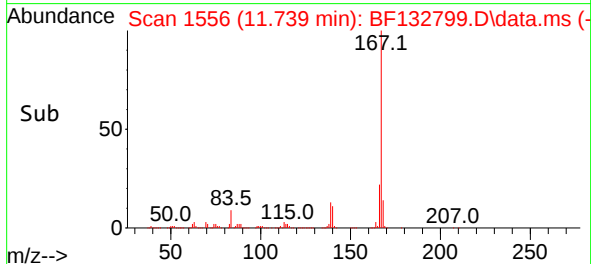
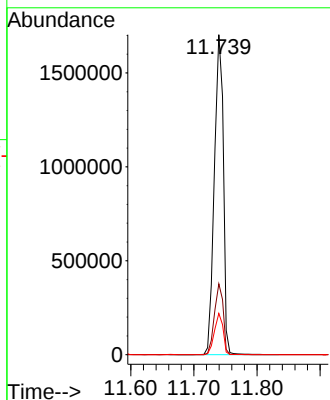
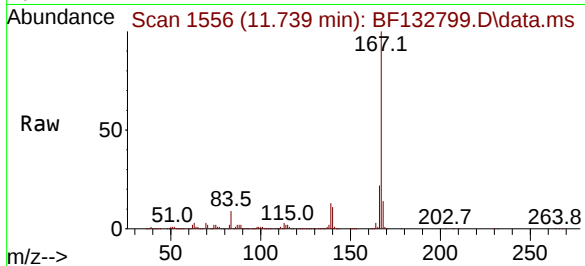




#73
 Carbazole
 Concen: 39.801 ng
 RT: 11.739 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132799.D
 Acq: 15 Mar 2023 12:57

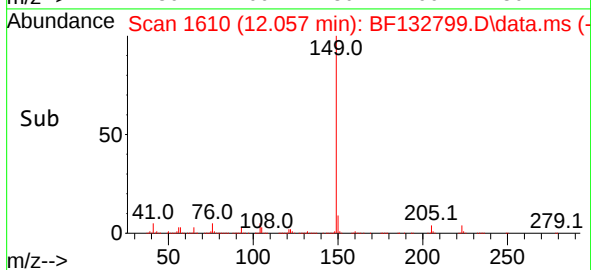
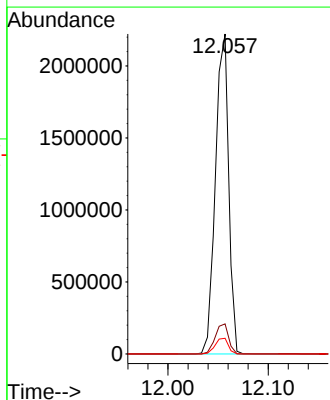
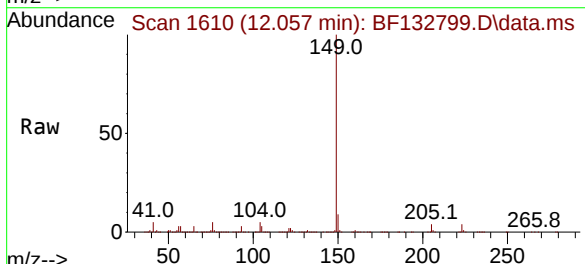
Instrument :
 BNA_F
 ClientSampleId :
 PB151405BS

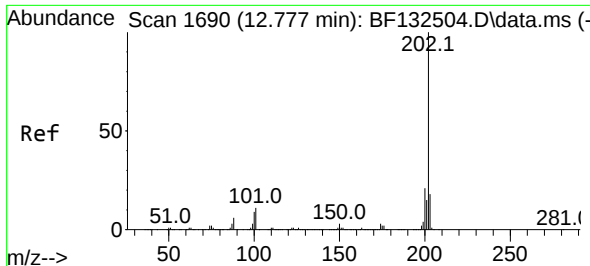
Tgt Ion:167 Resp: 1679555
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.132 ng
 RT: 12.057 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF132799.D
 Acq: 15 Mar 2023 12:57

Tgt Ion:149 Resp: 2036001
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.9 4.3 6.5

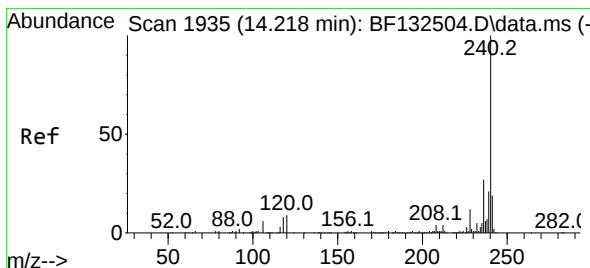
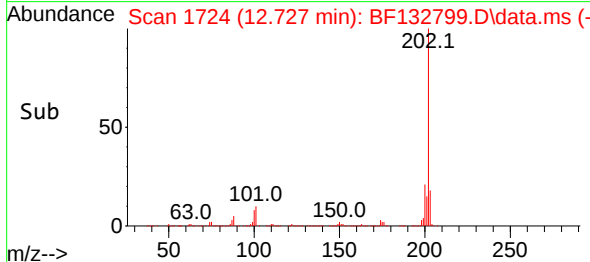
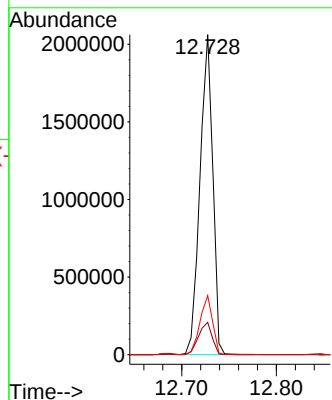
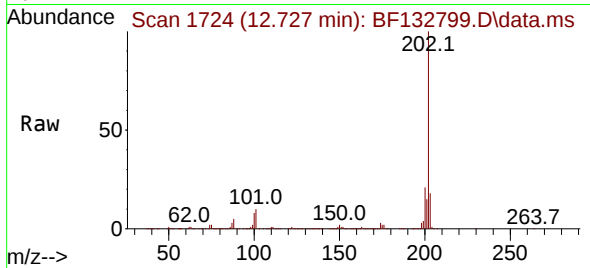




#75
Fluoranthene
Concen: 38.924 ng
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

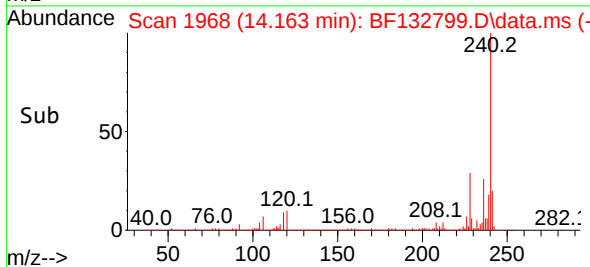
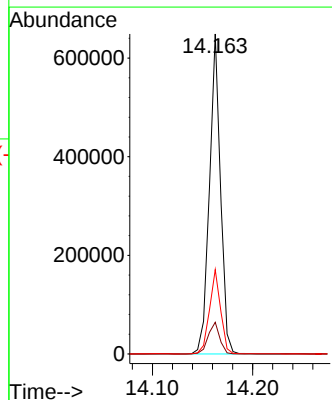
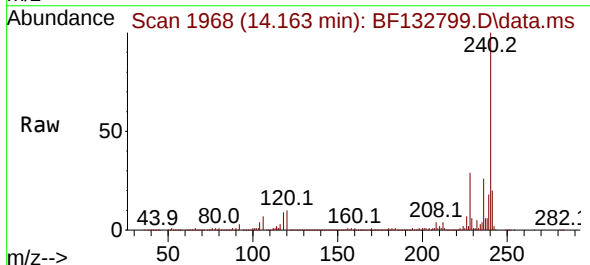
Instrument :
BNA_F
ClientSampleId :
PB151405BS

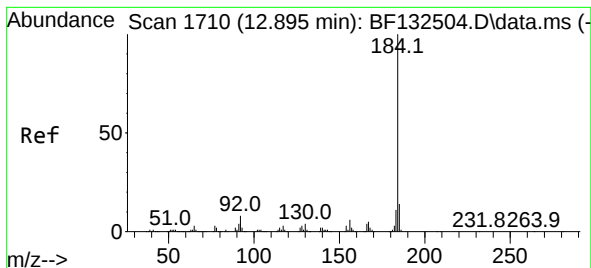
Tgt Ion:202 Resp: 1933986
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:240 Resp: 499380
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.3 21.8 32.6





#77

Benzidine

Concen: 60.566 ng

RT: 12.845 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

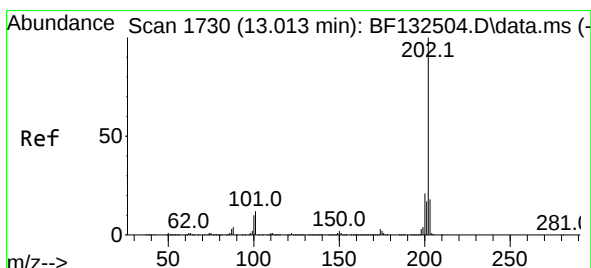
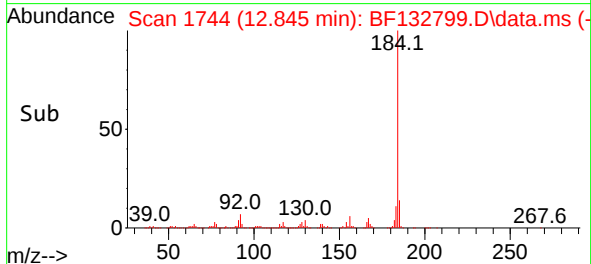
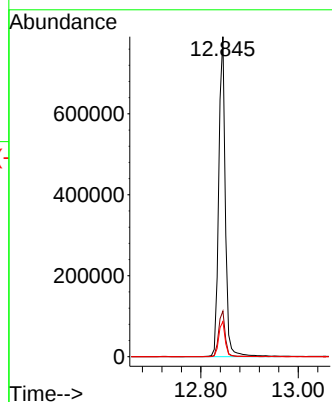
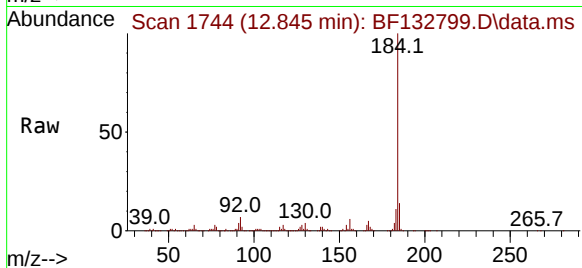
Tgt Ion:184 Resp: 736259

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.7 13.1



#78

Pyrene

Concen: 42.775 ng

RT: 12.957 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

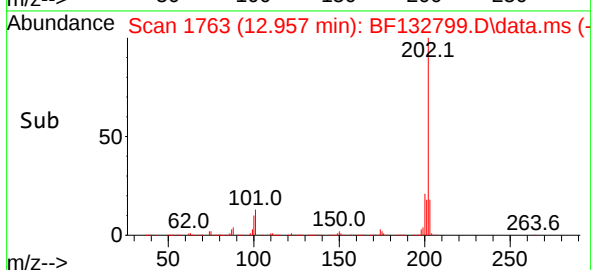
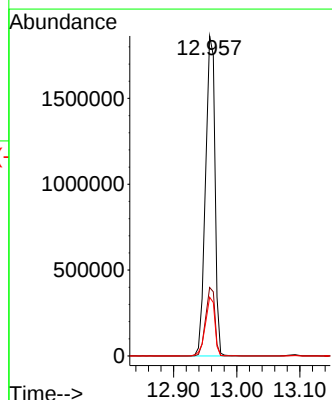
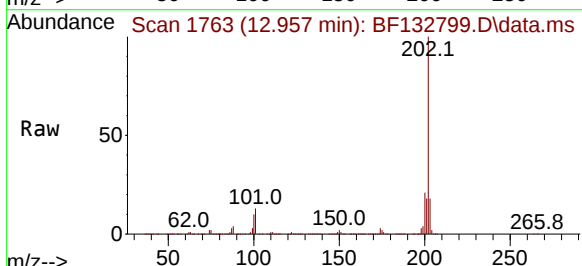
Tgt Ion:202 Resp: 1942079

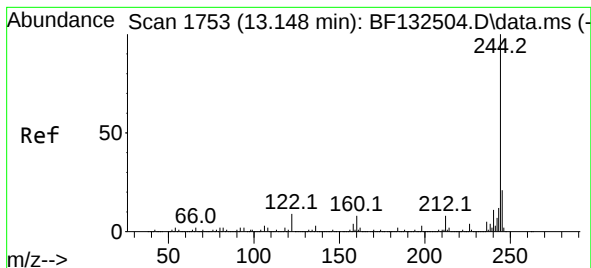
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 70.874 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

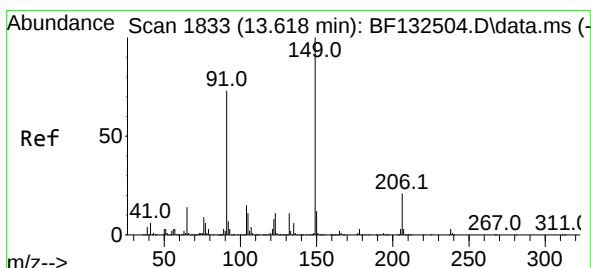
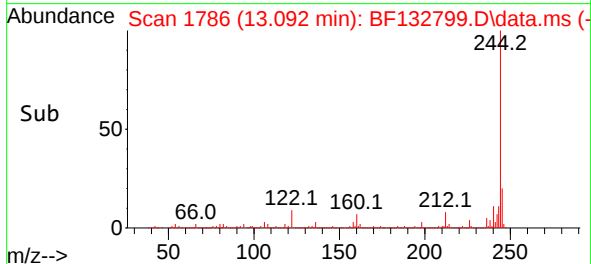
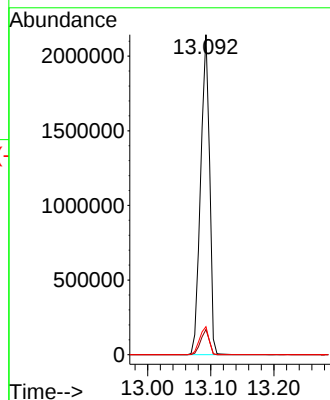
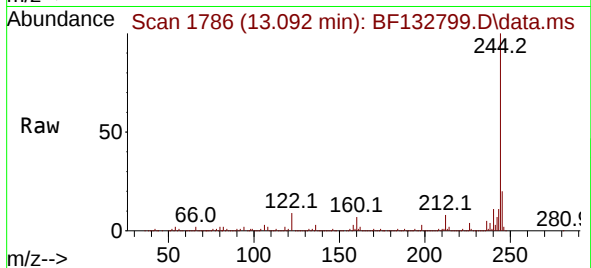
Tgt Ion:244 Resp: 2093327

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.7 7.5 11.3



#80

Butylbenzylphthalate

Concen: 45.684 ng

RT: 13.563 min Scan# 1866

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

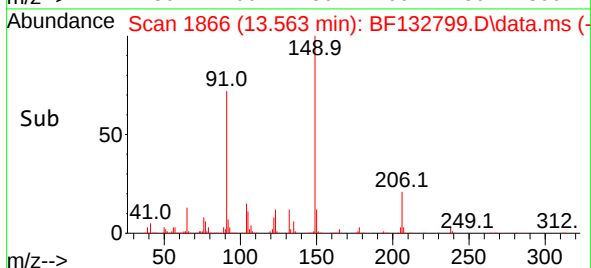
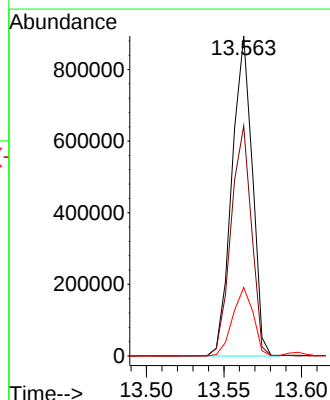
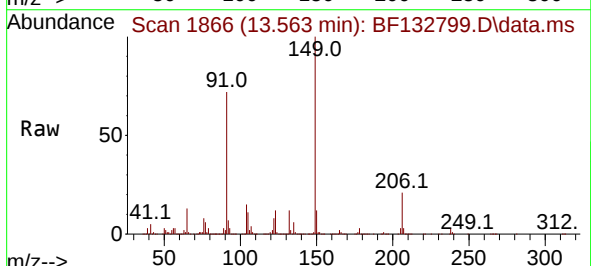
Tgt Ion:149 Resp: 818506

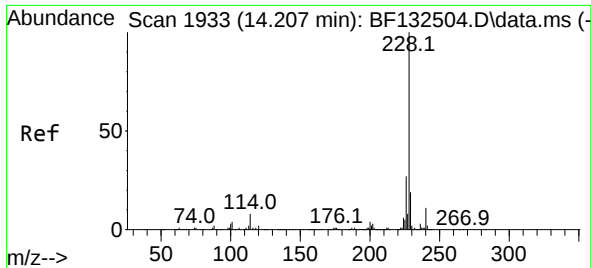
Ion Ratio Lower Upper

149 100

91 71.9 58.4 87.6

206 21.4 16.8 25.2

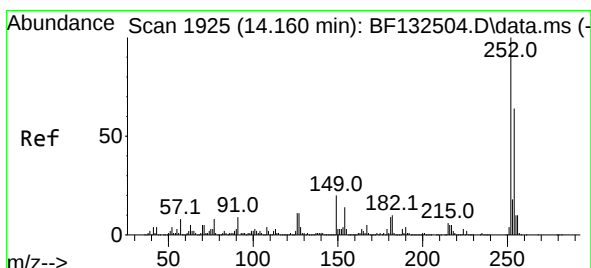
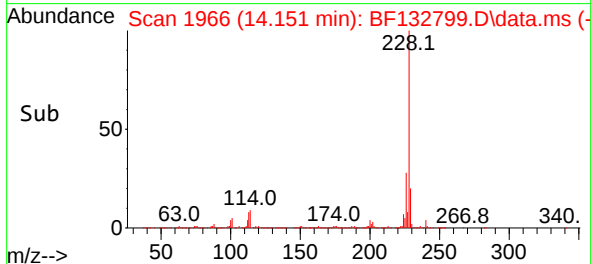
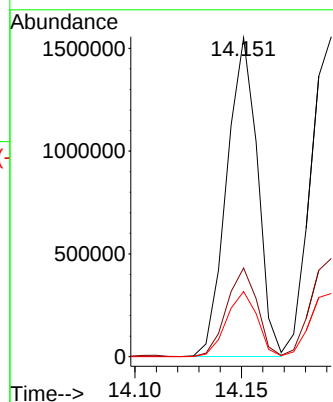
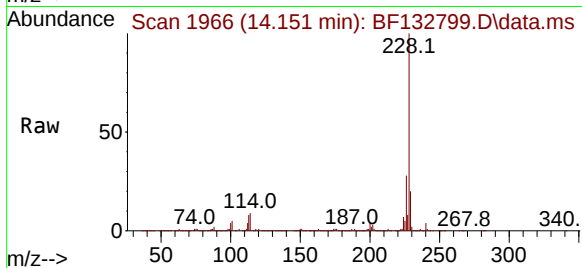




#81
Benzo(a)anthracene
Concen: 41.651 ng
RT: 14.151 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

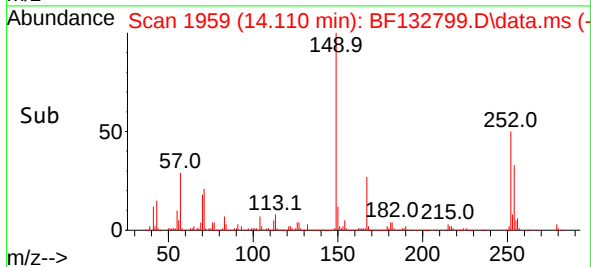
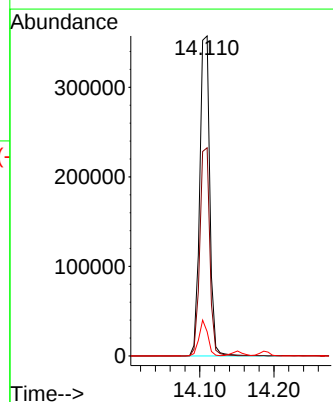
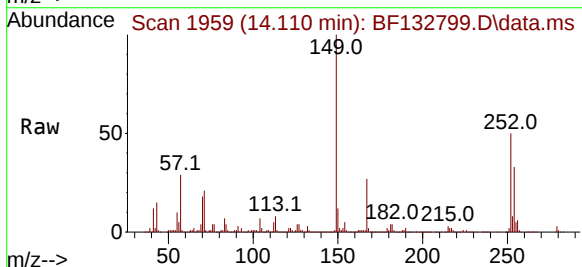
Instrument :
BNA_F
ClientSampleId :
PB151405BS

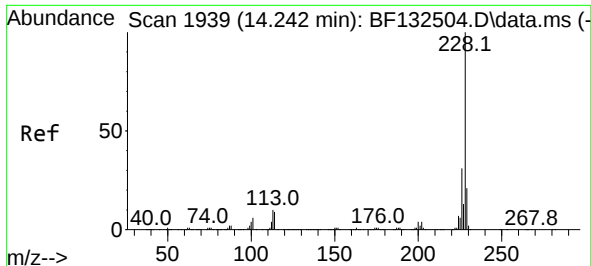
Tgt Ion:228 Resp: 1556290
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 30.380 ng
RT: 14.110 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:252 Resp: 334659
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 7.6 8.9 13.3#

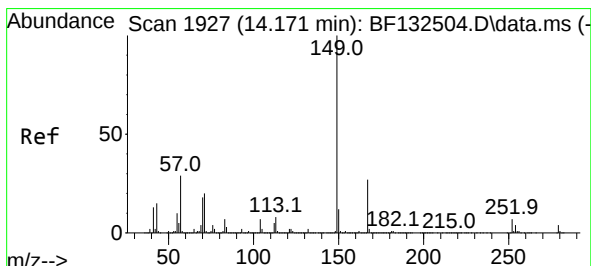
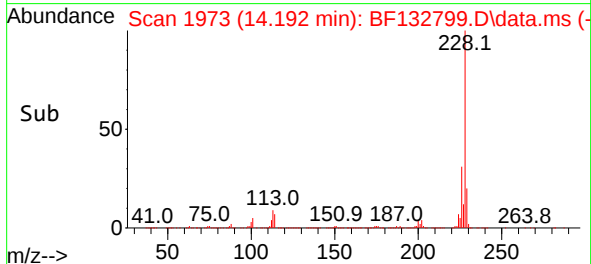
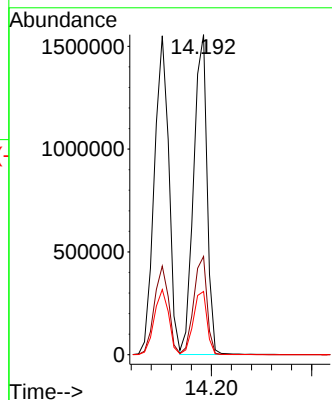
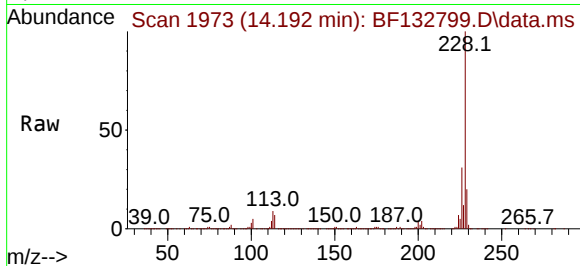




#83
Chrysene
Concen: 41.239 ng
RT: 14.192 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

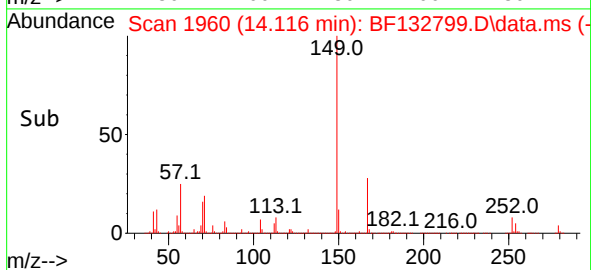
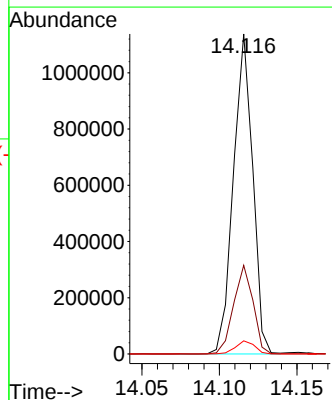
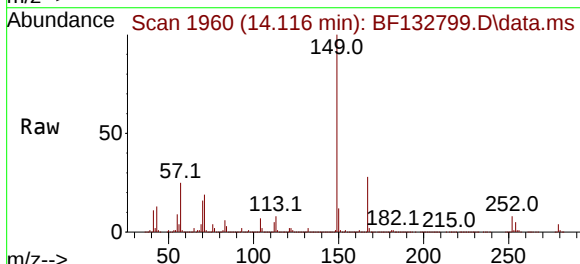
Instrument :
BNA_F
ClientSampleId :
PB151405BS

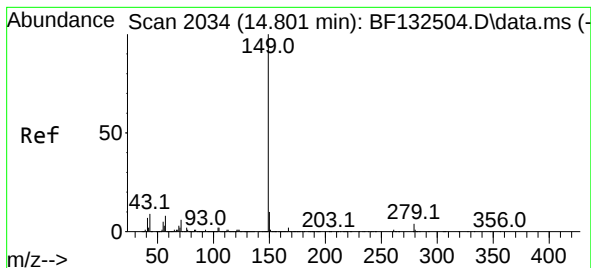
Tgt Ion:228 Resp: 1440930
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 19.8 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.723 ng
RT: 14.116 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:149 Resp: 984333
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.6
279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.088 ng

RT: 14.733 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

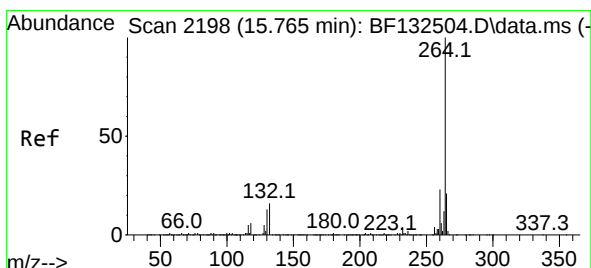
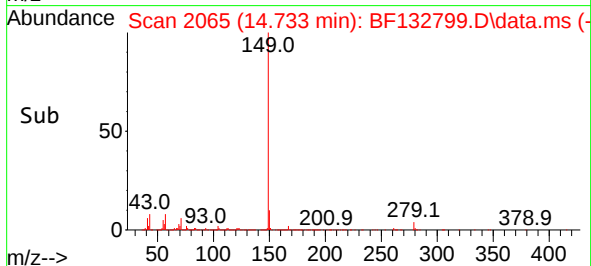
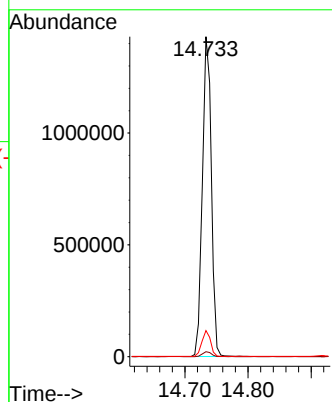
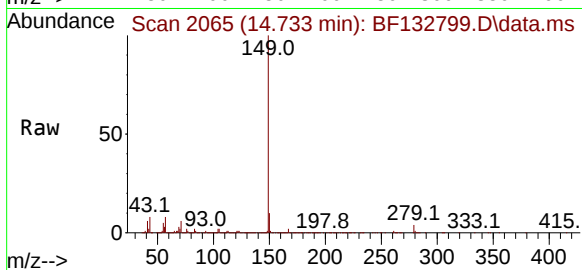
Tgt Ion:149 Resp: 1418009

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

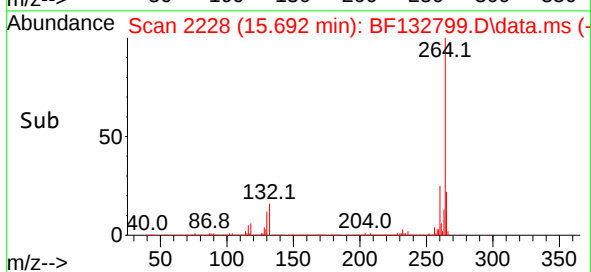
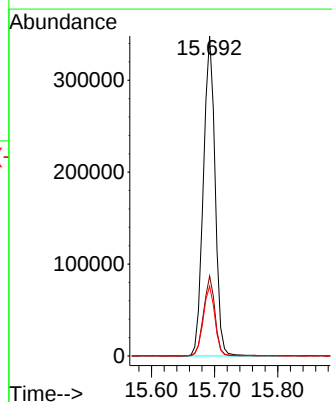
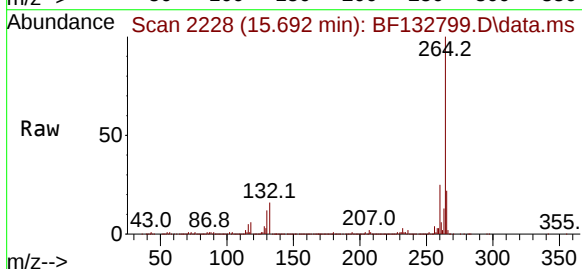
Tgt Ion:264 Resp: 449232

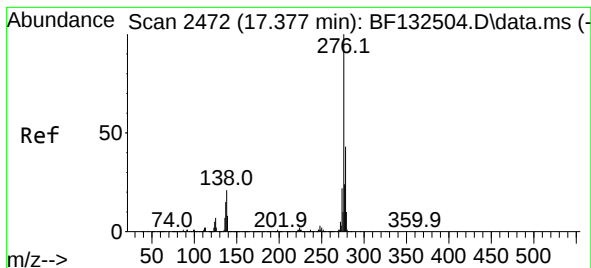
Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.885 ng

RT: 17.280 min Scan# 2472

Delta R.T. 0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

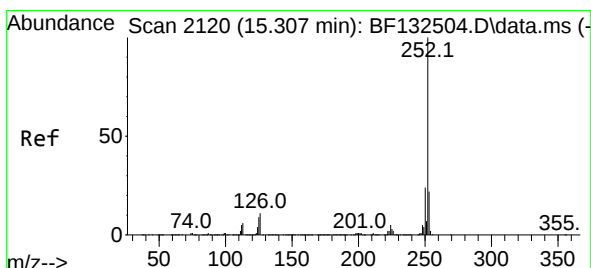
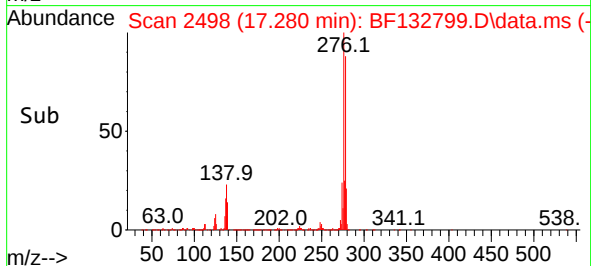
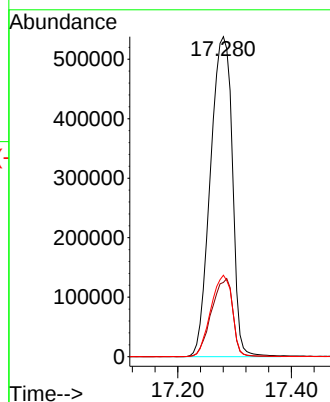
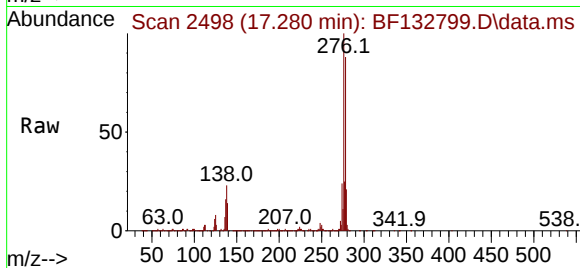
Tgt Ion:276 Resp: 1438973

Ion Ratio Lower Upper

276 100

138 23.9 19.0 28.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.665 ng

RT: 15.239 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

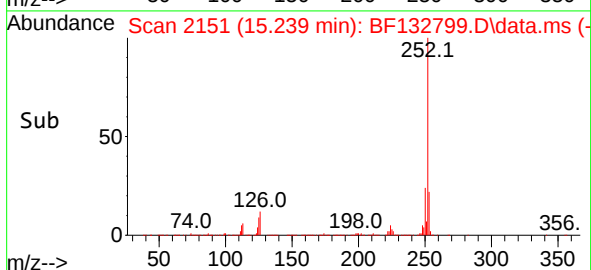
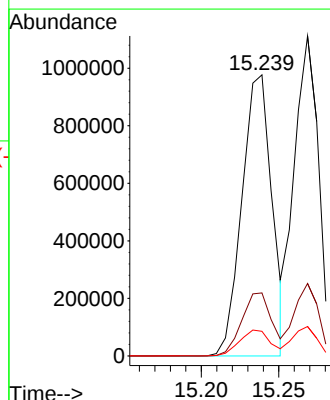
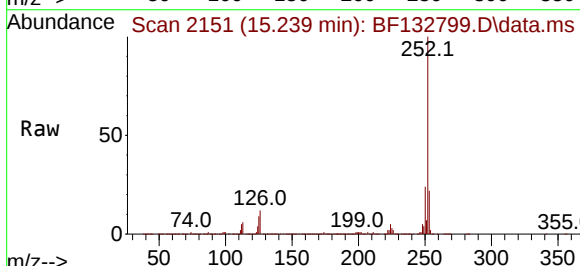
Tgt Ion:252 Resp: 1314545

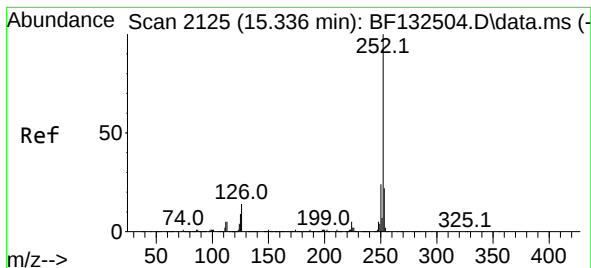
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.542 ng

RT: 15.269 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151405BS

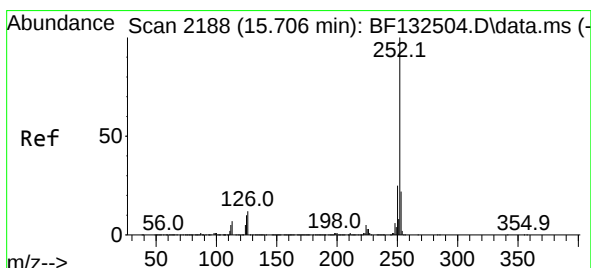
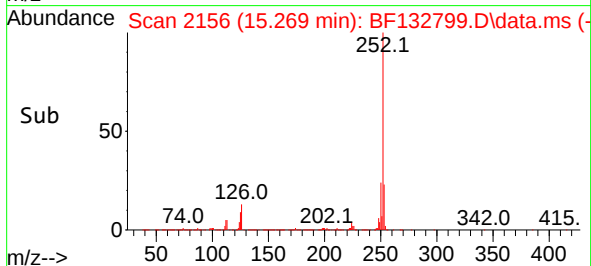
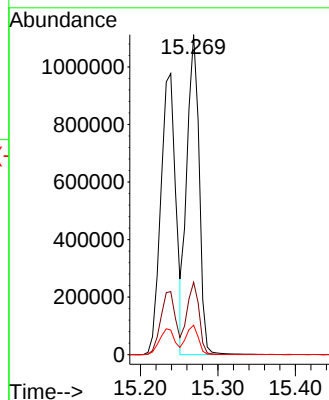
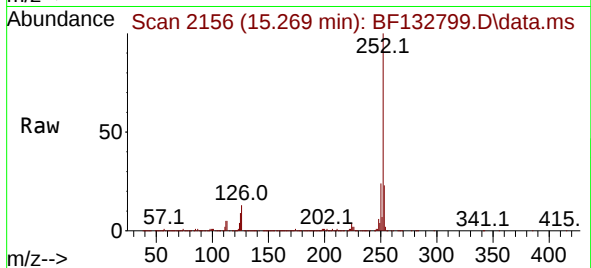
Tgt Ion:252 Resp: 1223979

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.071 ng

RT: 15.627 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF132799.D

Acq: 15 Mar 2023 12:57

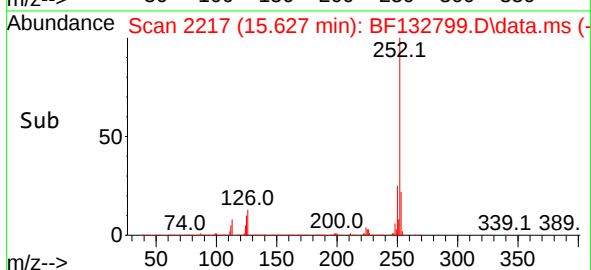
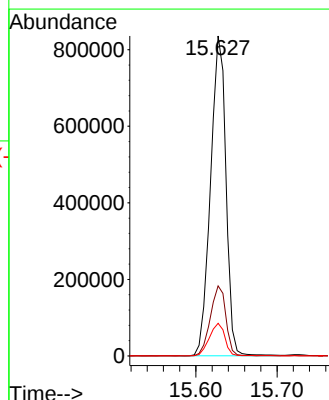
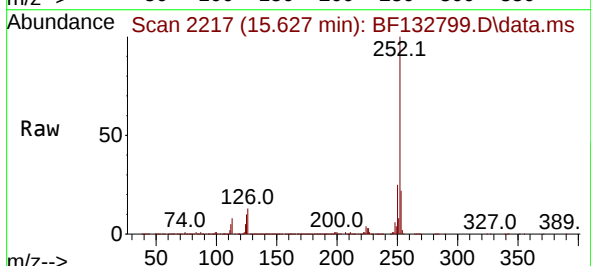
Tgt Ion:252 Resp: 1100878

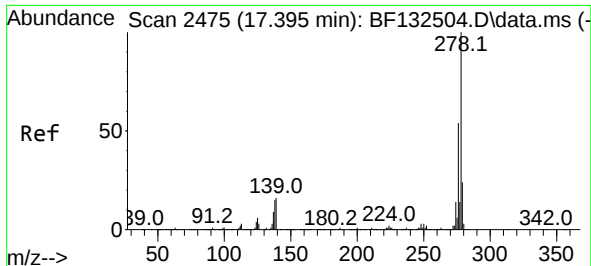
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.2 8.0 12.0

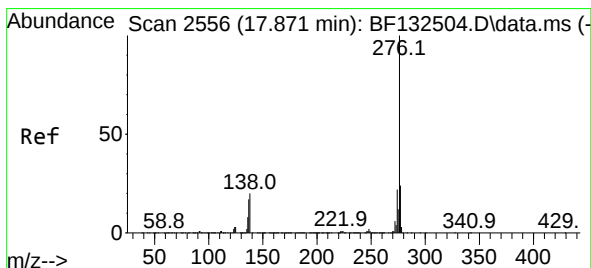
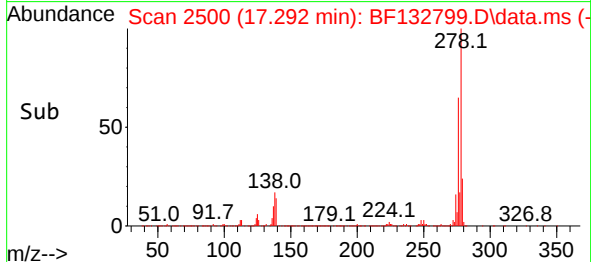
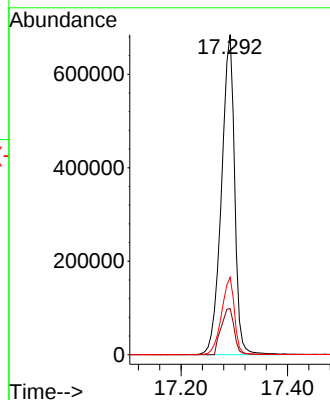
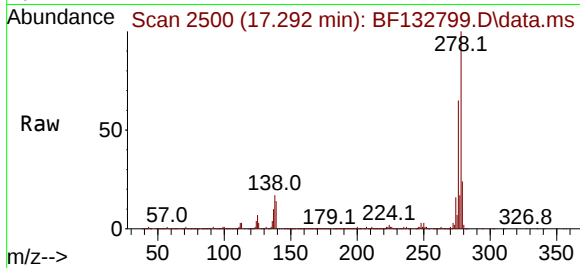




#91
Dibenzo(a,h)anthracene
Concen: 48.992 ng
RT: 17.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :
PB151405BS

Tgt Ion:278 Resp: 1174996
Ion Ratio Lower Upper
278 100
139 14.4 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.261 ng
RT: 17.762 min Scan# 2580
Delta R.T. 0.006 min
Lab File: BF132799.D
Acq: 15 Mar 2023 12:57

Tgt Ion:276 Resp: 1224166
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 21.2 16.2 24.4

