

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132734.D
 Acq On : 10 Mar 2023 11:12
 Operator : CG\JU
 Sample : PB151329BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

Quant Time: Mar 10 11:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	264076	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	978805	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	524478	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	977217	20.000	ng	0.00
76) Chrysene-d12	14.186	240	584805	20.000	ng	0.00
86) Perylene-d12	15.727	264	503227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1526339	93.806	ng	0.01
7) Phenol-d6	6.622	99	1958144	92.212	ng	0.00
23) Nitrobenzene-d5	7.551	82	1301574	63.090	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	527056	93.051	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2079955	60.385	ng	0.00
79) Terphenyl-d14	13.116	244	2360603	68.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	365869	40.650	ng	95
3) Pyridine	3.687	79	904788	37.872	ng	94
4) n-Nitrosodimethylamine	3.663	42	354157	39.245	ng	83
6) Aniline	6.645	93	1005558	35.187	ng	96
8) 2-Chlorophenol	6.775	128	731472	43.315	ng	94
9) Benzaldehyde	6.534	77	428324	37.380	ng	98
10) Phenol	6.634	94	970836	39.877	ng	97
11) bis(2-Chloroethyl)ether	6.716	93	819226	43.589	ng	95
12) 1,3-Dichlorobenzene	6.922	146	813382	44.883	ng	98
13) 1,4-Dichlorobenzene	6.998	146	804605	44.464	ng	99
14) 1,2-Dichlorobenzene	7.151	146	727240	41.876	ng	98
15) Benzyl Alcohol	7.128	79	666203	40.736	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	984878	41.093	ng	93
17) 2-Methylphenol	7.234	107	621932	39.461	ng	98
18) Hexachloroethane	7.492	117	322330	45.594	ng	98
19) n-Nitroso-di-n-propyla...	7.398	70	488130	37.350	ng	92
20) 3+4-Methylphenols	7.387	107	687329	33.756	ng	94
22) Acetophenone	7.392	105	963692	39.046	ng	# 93
24) Nitrobenzene	7.569	77	869917	39.427	ng	100
25) Isophorone	7.804	82	1636675	41.379	ng	99
26) 2-Nitrophenol	7.886	139	428051	43.970	ng	88
27) 2,4-Dimethylphenol	7.916	122	647691	42.154	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	984595	42.553	ng	99
29) 2,4-Dichlorophenol	8.128	162	649655	42.505	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	717362	43.224	ng	96
31) Naphthalene	8.292	128	2014446	40.202	ng	100
32) Benzoic acid	8.051	122	372218	32.121	ng	94
33) 4-Chloroaniline	8.334	127	470602	21.916	ng	97
34) Hexachlorobutadiene	8.398	225	459110	43.533	ng	98
35) Caprolactam	8.763	113	68198	13.535	ng	89
36) 4-Chloro-3-methylphenol	8.822	107	702666	41.862	ng	97
37) 2-Methylnaphthalene	8.981	142	1339457	39.225	ng	99
38) 1-Methylnaphthalene	9.081	142	1245682	39.033	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	723498	42.163	ng	99
41) Hexachlorocyclopentadiene	9.133	237	847261	91.032	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	475213	40.864	ng	99

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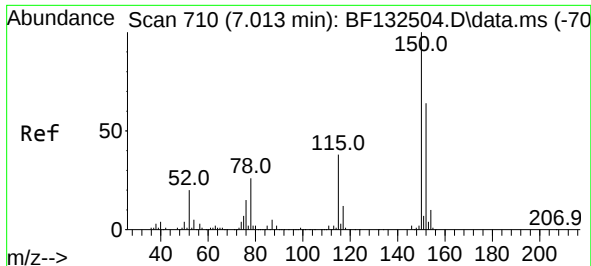
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	518404	38.195	ng	98
46) 1,1'-Biphenyl	9.445	154	1620787	40.829	ng	99
47) 2-Chloronaphthalene	9.475	162	1311136	41.658	ng	100
48) 2-Nitroaniline	9.575	65	429712	37.070	ng	91
49) Acenaphthylene	9.892	152	1981758	39.563	ng	100
50) Dimethylphthalate	9.745	163	1568843	41.081	ng	99
51) 2,6-Dinitrotoluene	9.816	165	355106	40.831	ng	90
52) Acenaphthene	10.069	154	1152068	36.221	ng	99
53) 3-Nitroaniline	9.986	138	276597	28.431	ng	96
54) 2,4-Dinitrophenol	10.098	184	390866	71.519	ng	97
55) Dibenzofuran	10.239	168	1786439	38.526	ng	99
56) 4-Nitrophenol	10.157	139	493220	67.980	ng	96
57) 2,4-Dinitrotoluene	10.222	165	467707	40.423	ng	99
58) Fluorene	10.586	166	1389932	39.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	413955	41.058	ng	98
60) Diethylphthalate	10.445	149	1480861	39.705	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	738599	40.142	ng	97
62) 4-Nitroaniline	10.610	138	373264	39.086	ng	95
63) Azobenzene	10.733	77	1521546	38.520	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	278747	42.137	ng	98
66) n-Nitrosodiphenylamine	10.692	169	1248752	40.989	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	473484	42.834	ng	99
68) Hexachlorobenzene	11.133	284	523535	45.011	ng	97
69) Atrazine	11.216	200	437301	45.979	ng	99
70) Pentachlorophenol	11.333	266	476523	68.860	ng	99
71) Phenanthrene	11.551	178	2011525	39.734	ng	100
72) Anthracene	11.604	178	2073204	39.769	ng	99
73) Carbazole	11.763	167	1852651	39.416	ng	99
74) Di-n-butylphthalate	12.074	149	2262134	41.030	ng	99
75) Fluoranthene	12.751	202	2168471	39.182	ng	99
77) Benzidine	12.869	184	1051543	73.866	ng	100
78) Pyrene	12.980	202	2213541	41.632	ng	100
80) Butylbenzylphthalate	13.586	149	933008	44.468	ng	100
81) Benzo(a)anthracene	14.174	228	1790629	40.923	ng	97
82) 3,3'-Dichlorobenzidine	14.133	252	343826	26.653	ng #	98
83) Chrysene	14.215	228	1664384	40.676	ng	100
84) Bis(2-ethylhexyl)phtha...	14.139	149	1195076	46.366	ng	100
85) Di-n-octyl phthalate	14.763	149	1820471	48.333	ng	97
87) Indeno(1,2,3-cd)pyrene	17.327	276	1489297	45.166	ng	100
88) Benzo(b)fluoranthene	15.268	252	1566932	46.464	ng	98
89) Benzo(k)fluoranthene	15.304	252	1338705	40.560	ng	99
90) Benzo(a)pyrene	15.662	252	1260420	39.934	ng	99
91) Dibenzo(a,h)anthracene	17.339	278	1206689	44.915	ng	98
92) Benzo(g,h,i)perylene	17.809	276	1211128	40.163	ng	99

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

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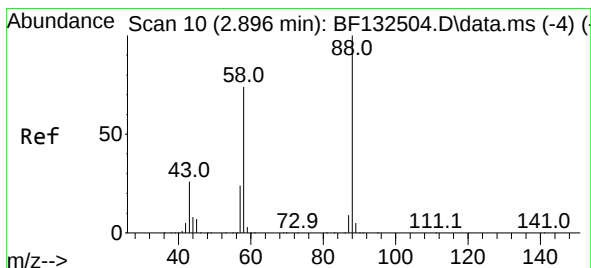
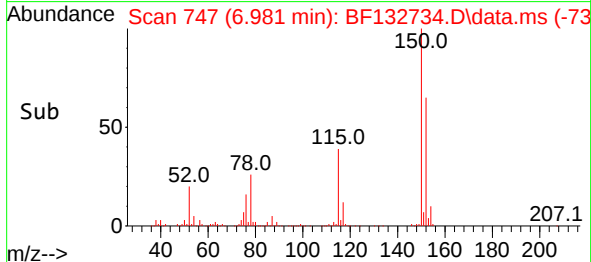
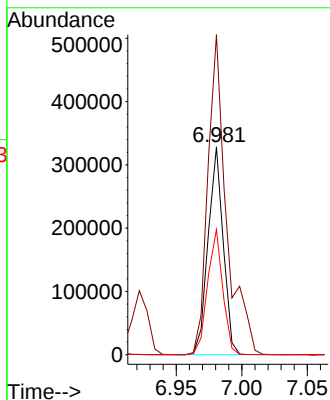
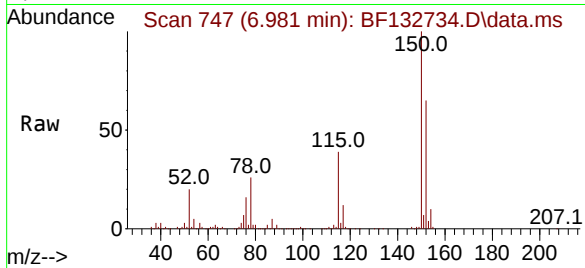




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

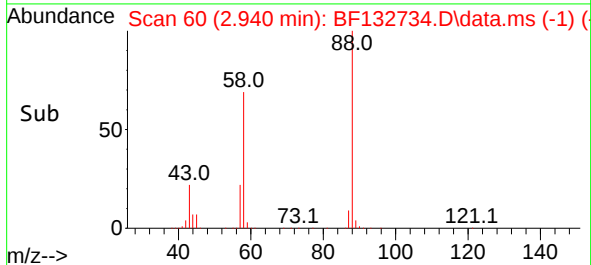
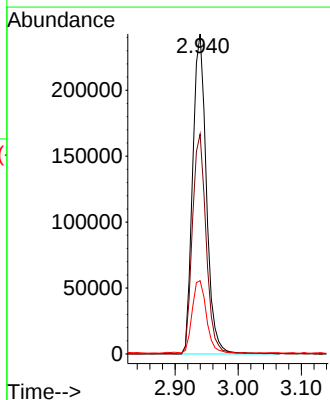
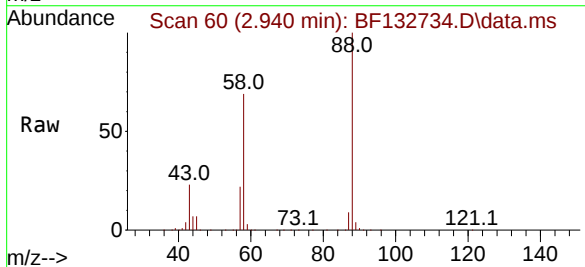
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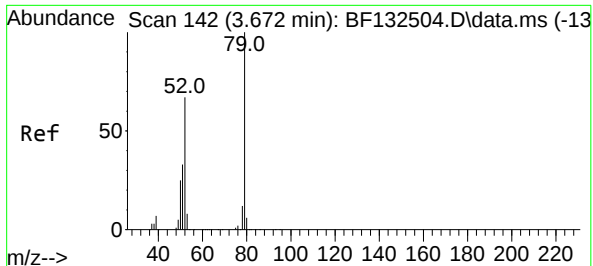
Tgt Ion:152 Resp: 264076
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.4 188.2
 115 60.2 47.8 71.6



#2
 1,4-Dioxane
 Concen: 40.650 ng
 RT: 2.940 min Scan# 60
 Delta R.T. 0.100 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion: 88 Resp: 365869
 Ion Ratio Lower Upper
 88 100
 58 68.9 58.3 87.5
 43 23.7 20.7 31.1

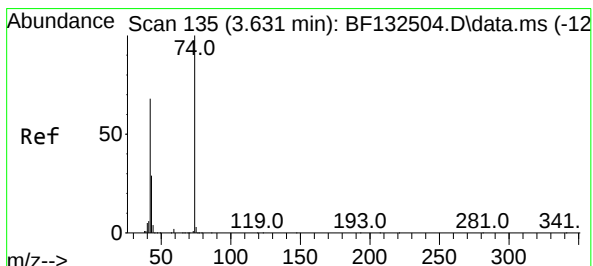
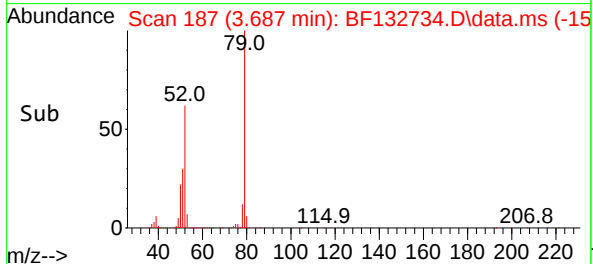
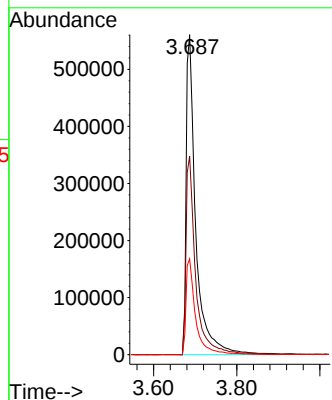
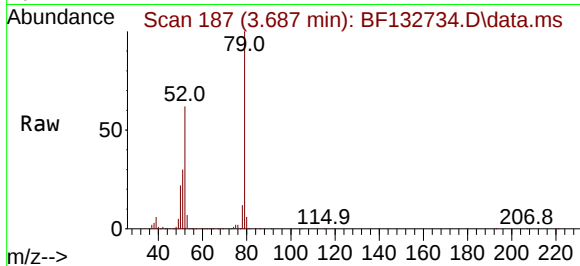




#3
 Pyridine
 Concen: 37.872 ng
 RT: 3.687 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

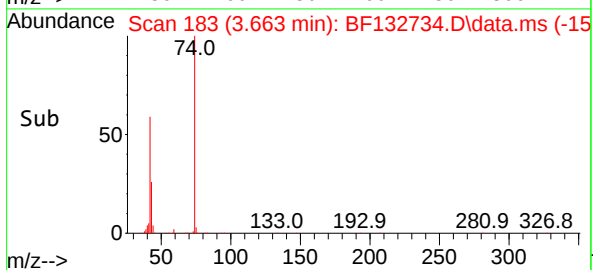
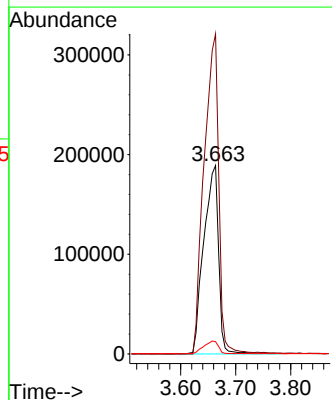
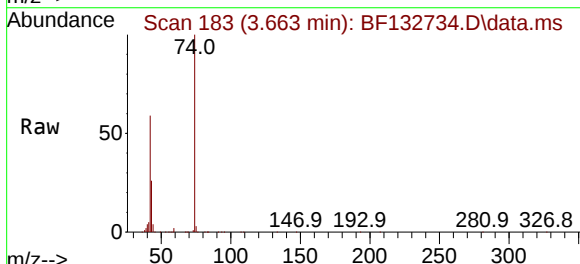
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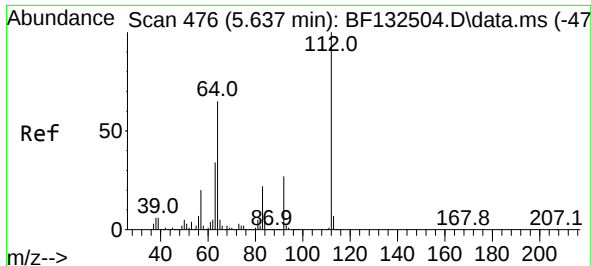
Tgt Ion: 79 Resp: 904788
 Ion Ratio Lower Upper
 79 100
 52 62.1 53.7 80.5
 51 30.0 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 39.245 ng
 RT: 3.663 min Scan# 183
 Delta R.T. 0.077 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion: 42 Resp: 354157
 Ion Ratio Lower Upper
 42 100
 74 169.8 118.2 177.2
 44 6.6 5.3 7.9

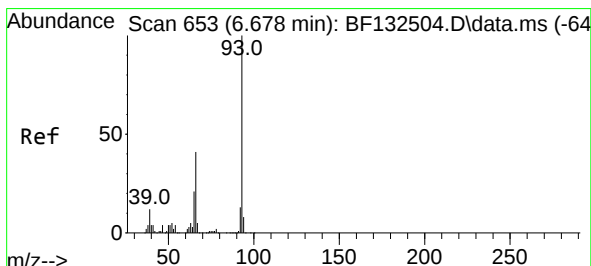
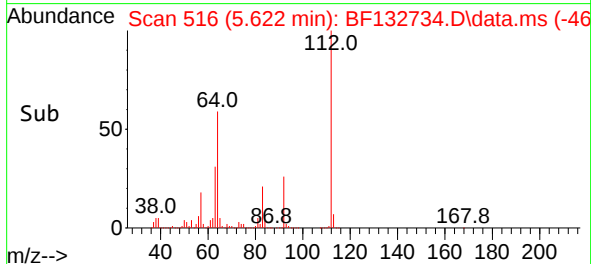
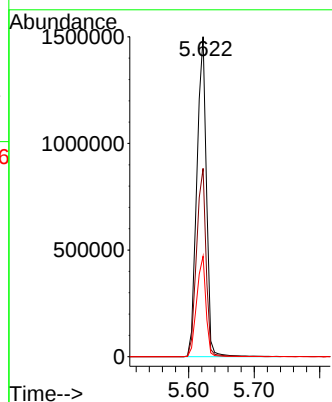
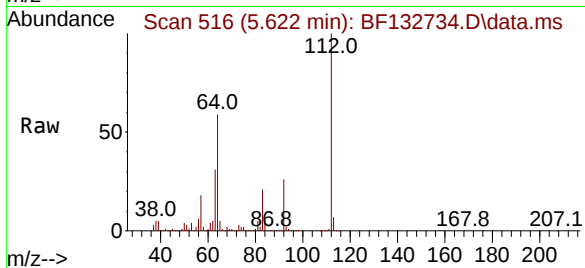




#5
2-Fluorophenol
Concen: 93.806 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

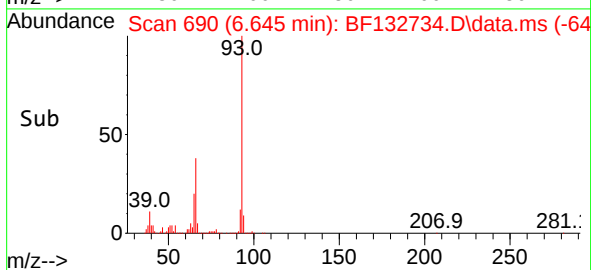
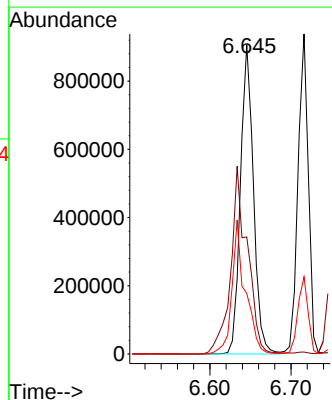
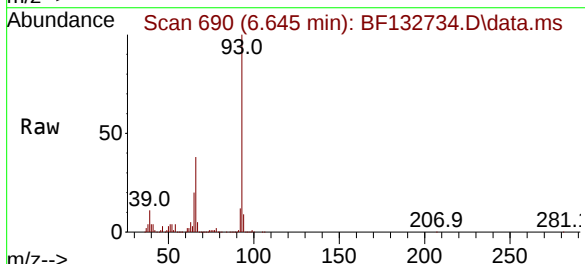
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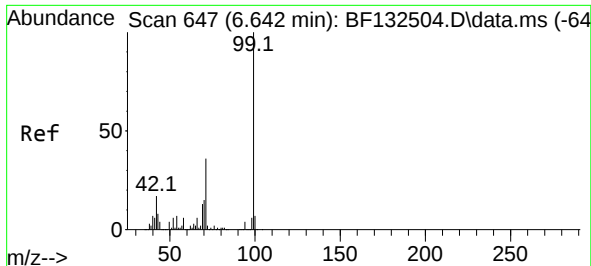
Tgt Ion:112 Resp: 1526339
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.4 27.4 41.2



#6
Aniline
Concen: 35.187 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 93 Resp: 1005558
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 19.6 16.6 24.8

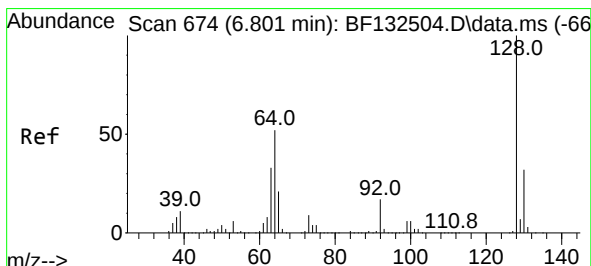
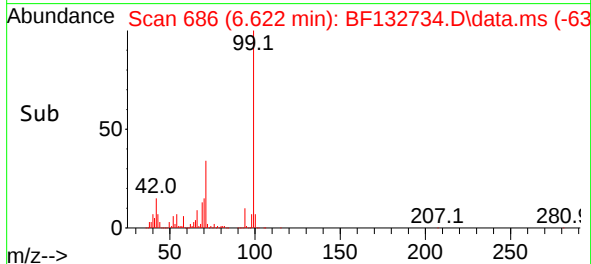
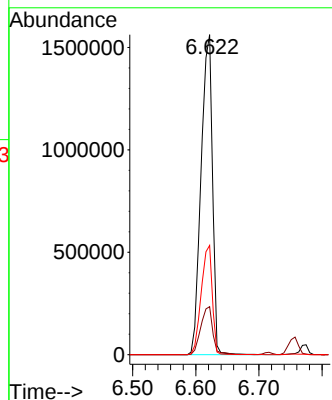
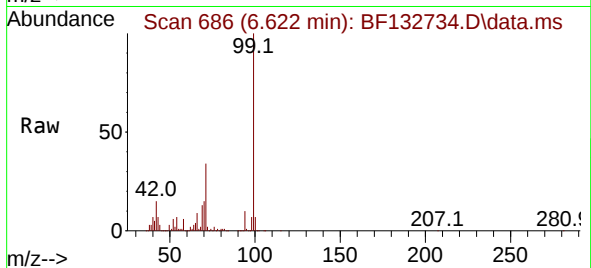




#7
Phenol-d6
Concen: 92.212 ng
RT: 6.622 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

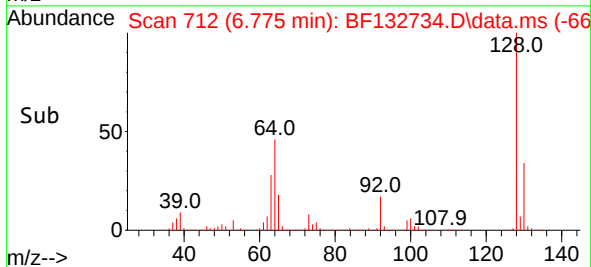
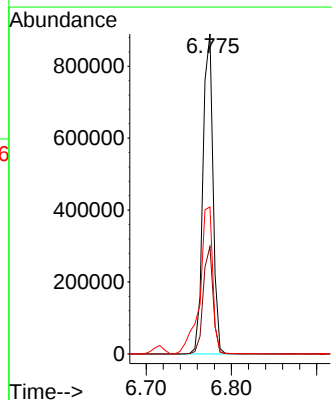
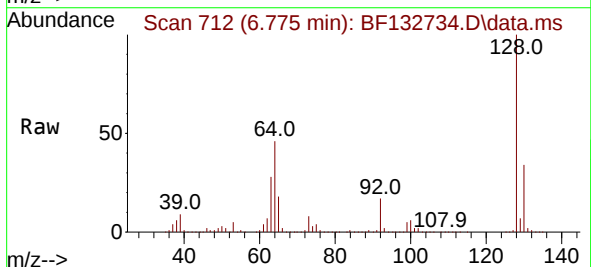
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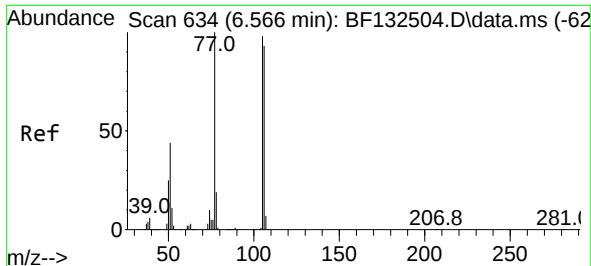
Tgt Ion: 99 Resp: 1958144
Ion Ratio Lower Upper
99 100
42 15.0 13.9 20.9
71 34.1 28.5 42.7



#8
2-Chlorophenol
Concen: 43.315 ng
RT: 6.775 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 128 Resp: 731472
Ion Ratio Lower Upper
128 100
130 33.5 12.1 52.1
64 46.0 32.0 72.0

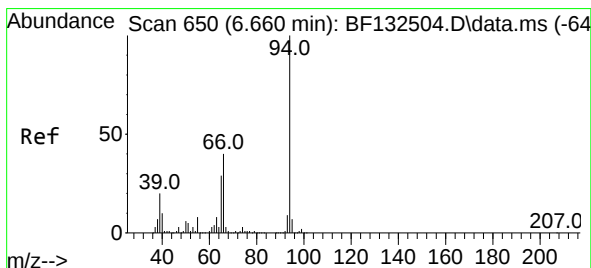
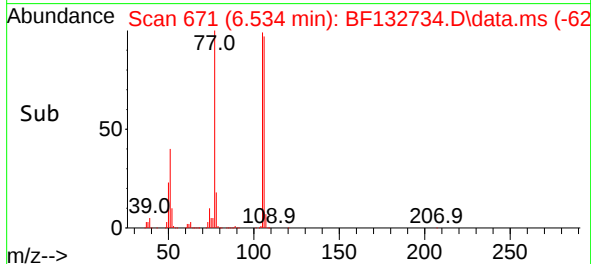
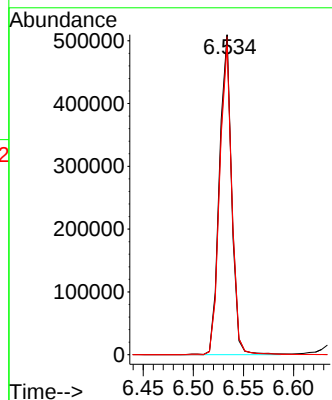
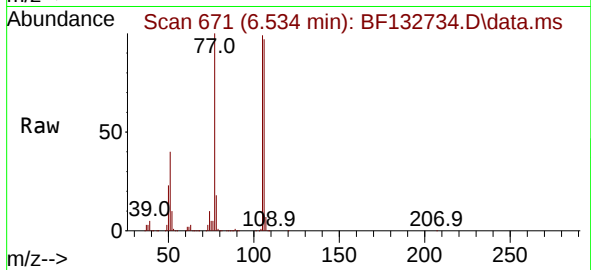




#9
Benzaldehyde
Concen: 37.380 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

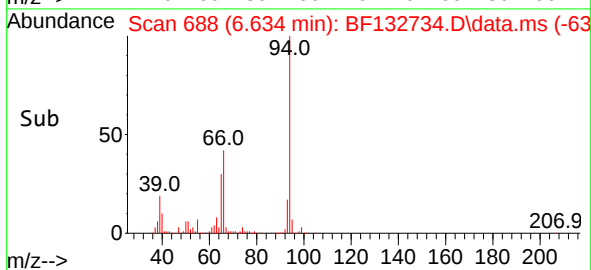
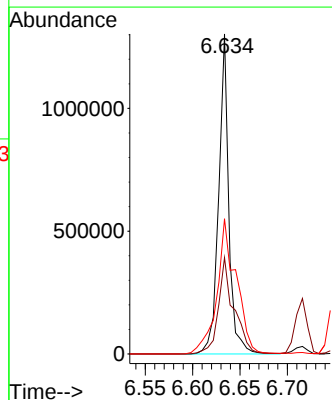
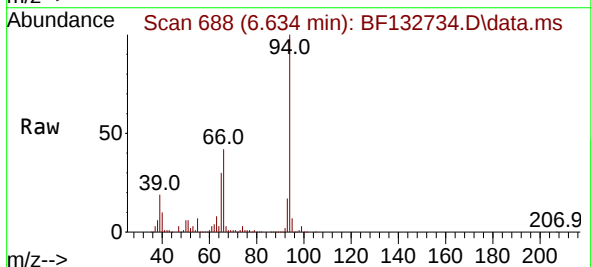
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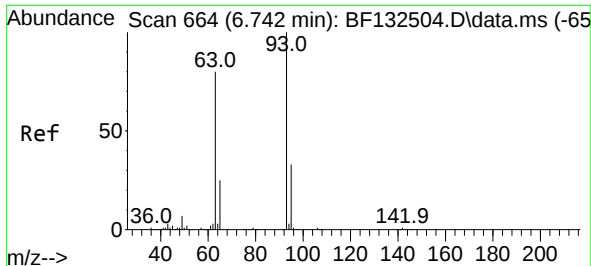
Tgt Ion: 77 Resp: 428324
Ion Ratio Lower Upper
77 100
105 99.4 77.9 117.9
106 96.6 73.4 113.4



#10
Phenol
Concen: 39.877 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 94 Resp: 970836
Ion Ratio Lower Upper
94 100
65 30.1 9.4 49.4
66 42.2 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 43.589 ng

RT: 6.716 min Scan# 702

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

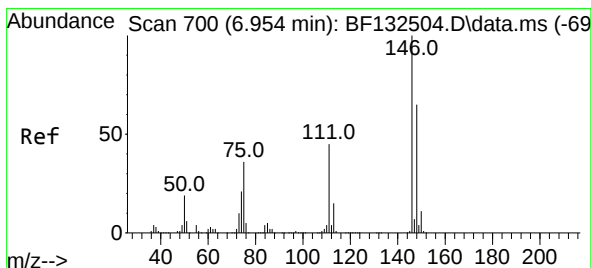
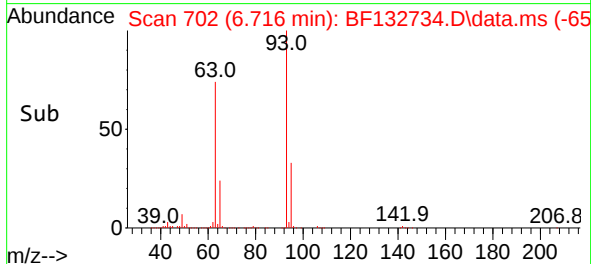
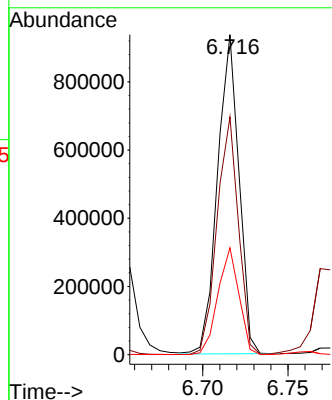
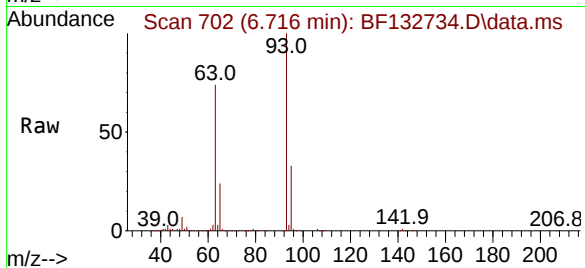
Tgt Ion: 93 Resp: 819226

Ion Ratio Lower Upper

93 100

63 74.3 59.6 99.6

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.883 ng

RT: 6.922 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

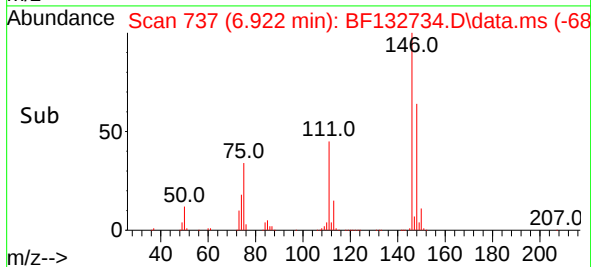
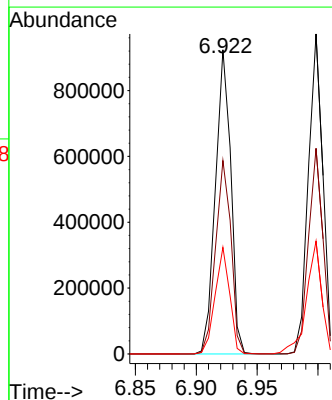
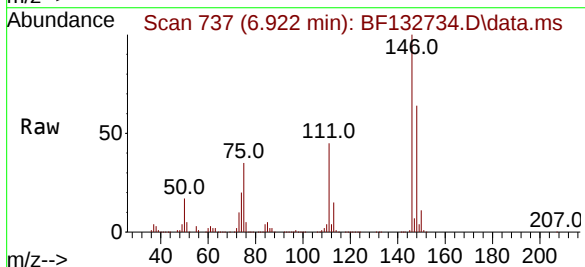
Tgt Ion:146 Resp: 813382

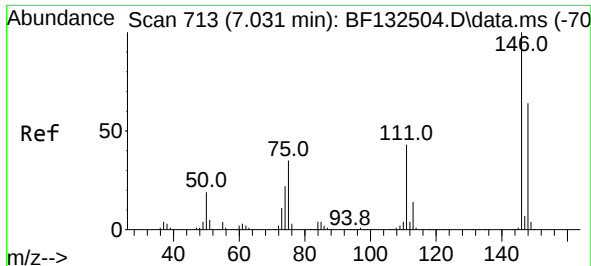
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 35.0 28.9 43.3

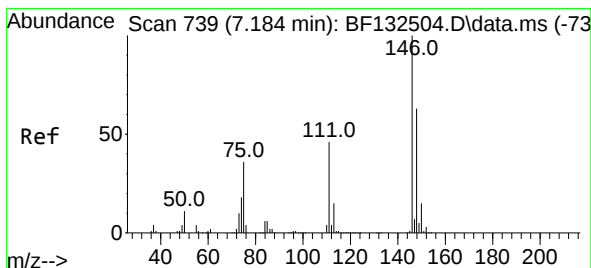
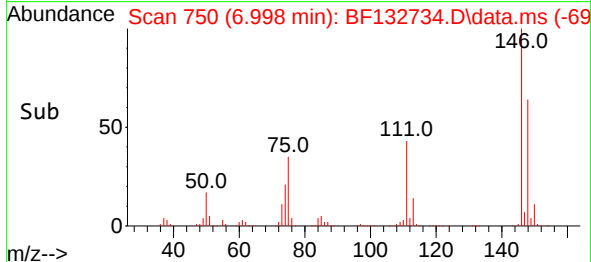
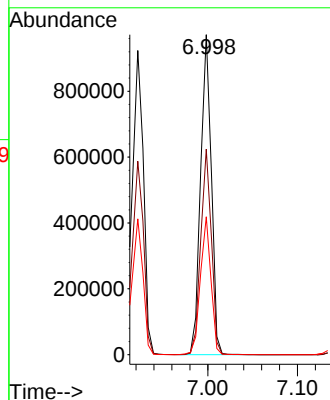
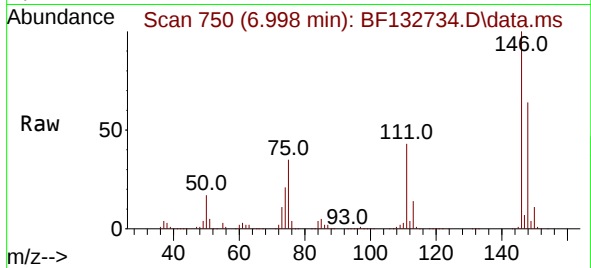




#13
1,4-Dichlorobenzene
Concen: 44.464 ng
RT: 6.998 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

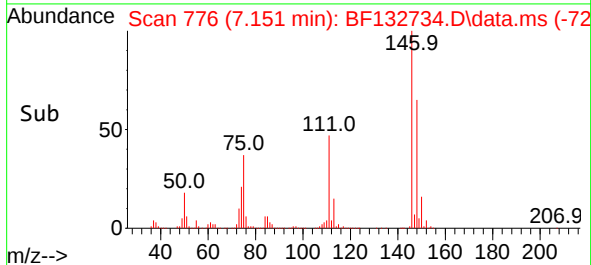
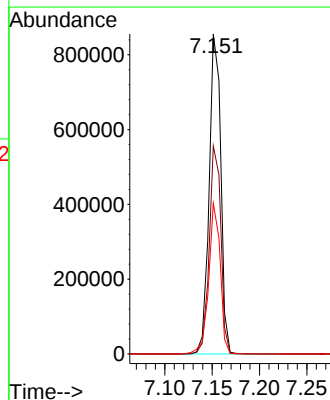
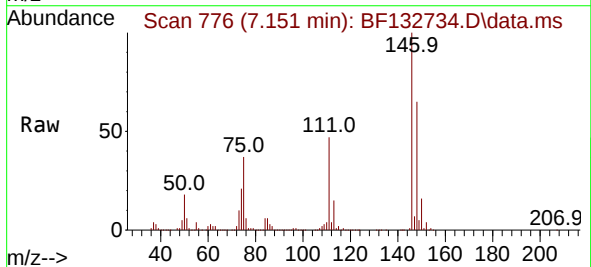
Instrument :
BNA_F
ClientSampleId :
PB151329BS

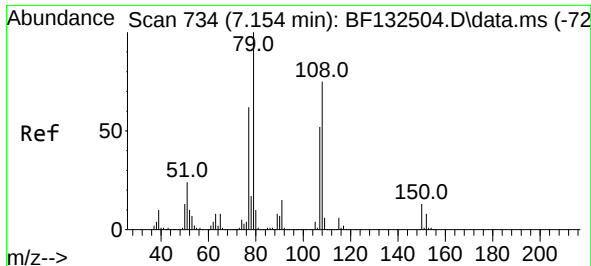
Tgt Ion:146 Resp: 804605
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 43.1 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 41.876 ng
RT: 7.151 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:146 Resp: 727240
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
111 47.1 37.2 55.8

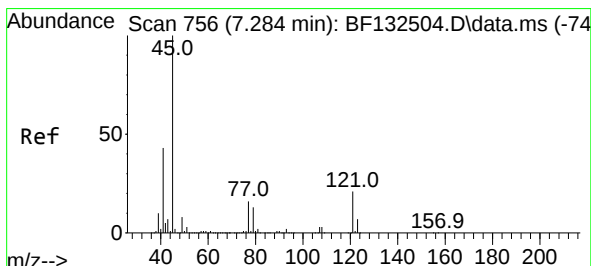
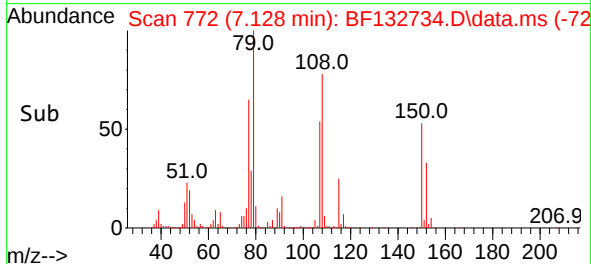
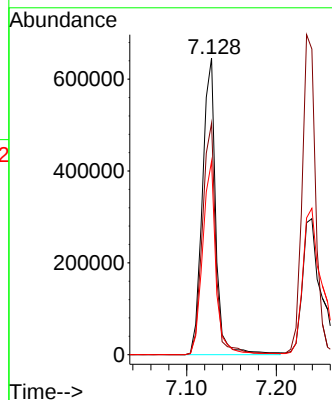
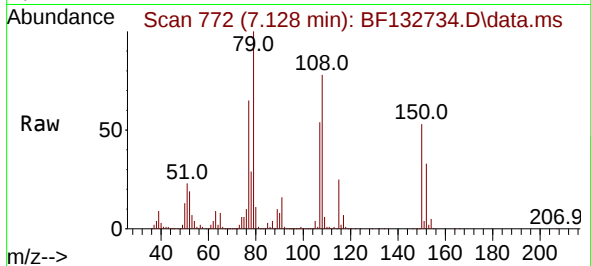




#15
Benzyl Alcohol
Concen: 40.736 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

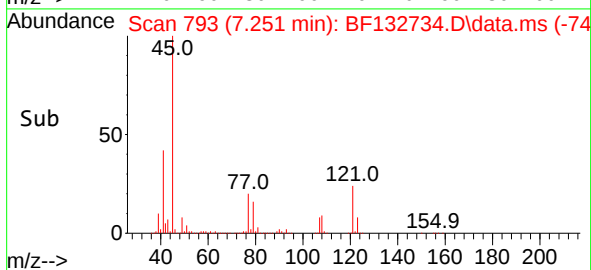
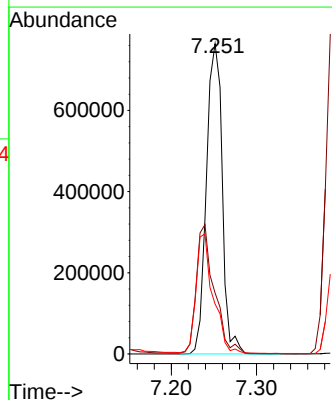
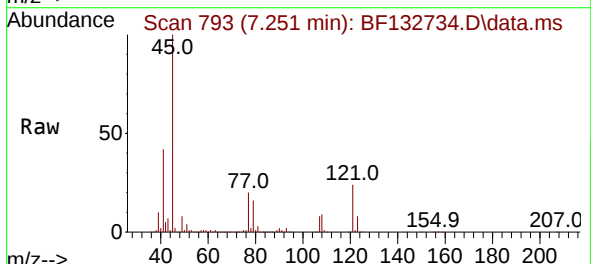
Instrument :
BNA_F
ClientSampleId :
PB151329BS

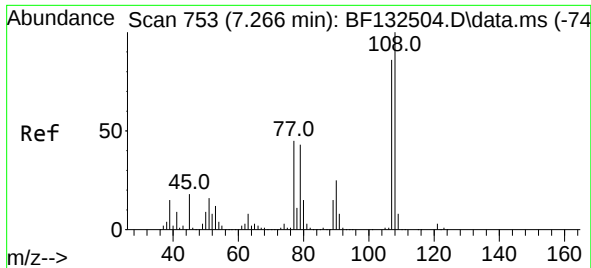
Tgt Ion: 79 Resp: 666203
Ion Ratio Lower Upper
79 100
108 78.0 60.2 90.4
77 65.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.093 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 45 Resp: 984878
Ion Ratio Lower Upper
45 100
77 19.6 0.0 36.4
79 16.1 0.0 33.4



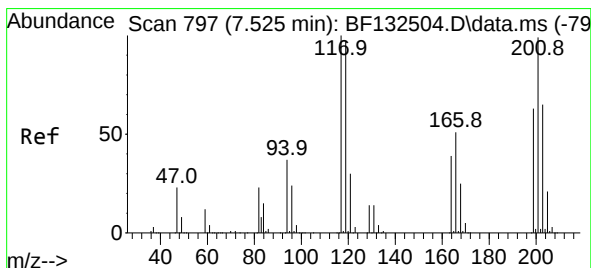
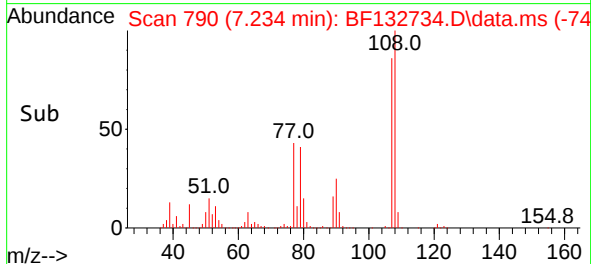
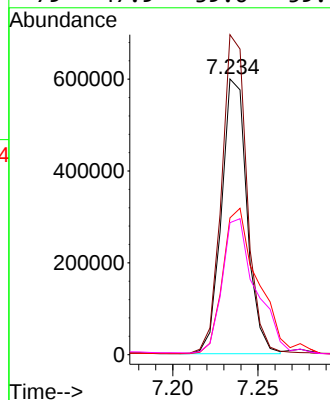
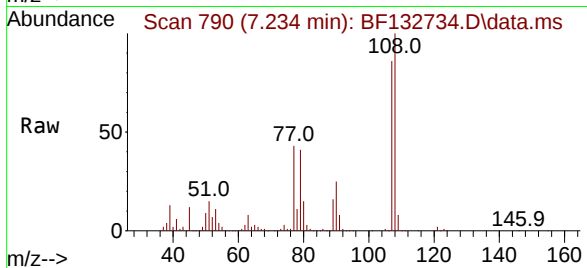


#17
2-Methylphenol
Concen: 39.461 ng
RT: 7.234 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:107 Resp: 621932

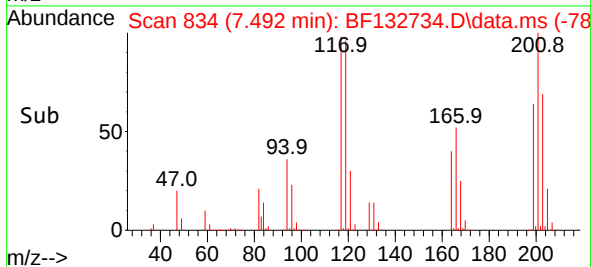
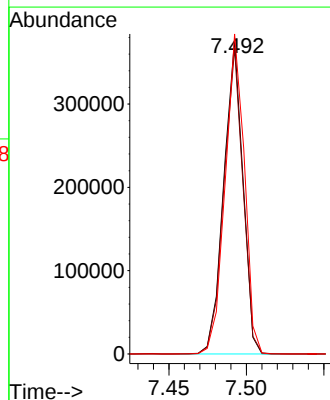
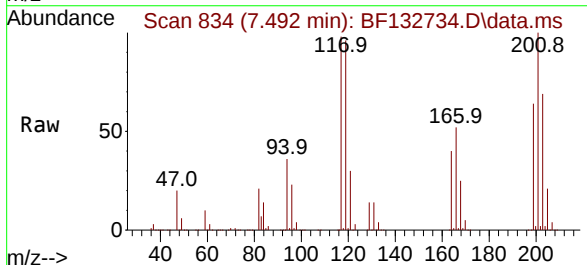
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.0	139.4
77	49.7	42.1	63.1
79	47.9	39.6	59.4

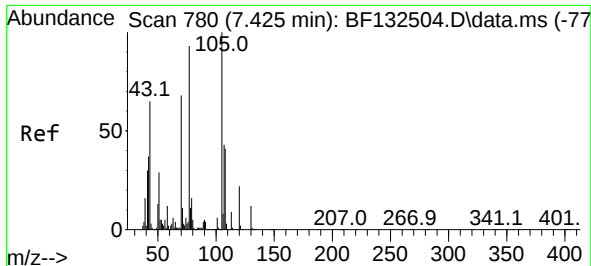


#18
Hexachloroethane
Concen: 45.594 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:117 Resp: 322330

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.0	117.0
201	101.7	79.0	118.4

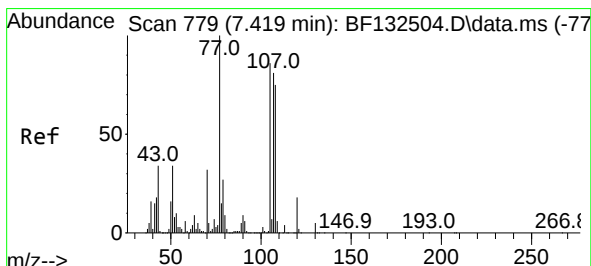
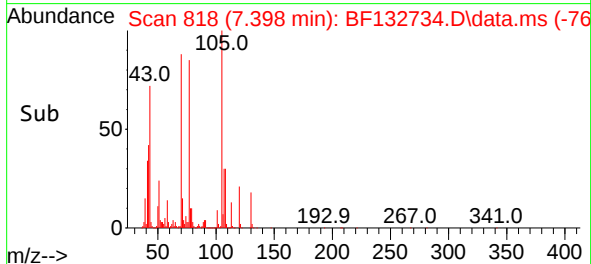
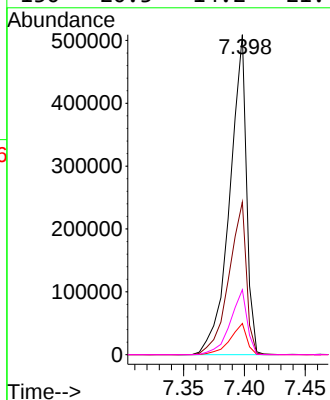
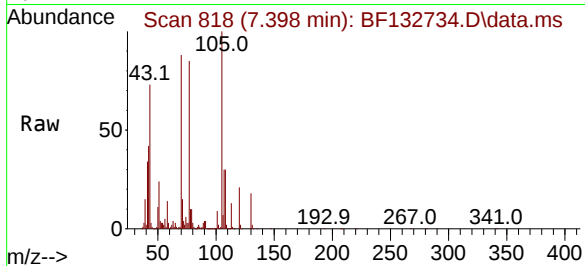




#19
n-Nitroso-di-n-propylamine
Concen: 37.350 ng
RT: 7.398 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

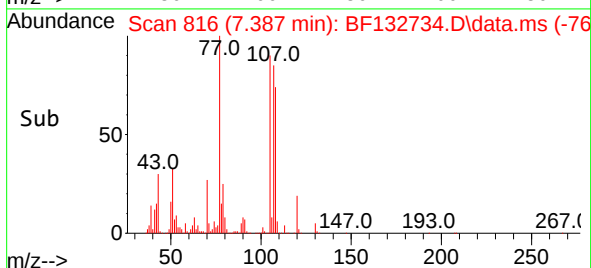
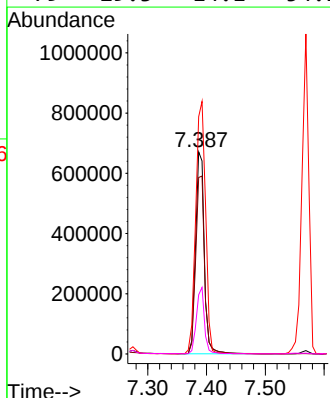
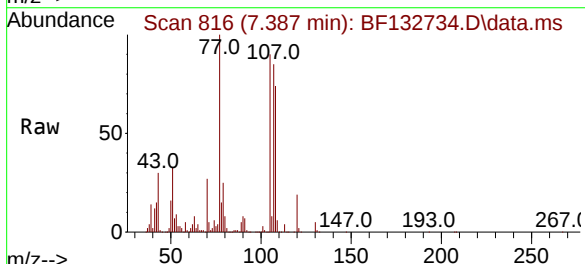
Instrument :
BNA_F
ClientSampleId :
PB151329BS

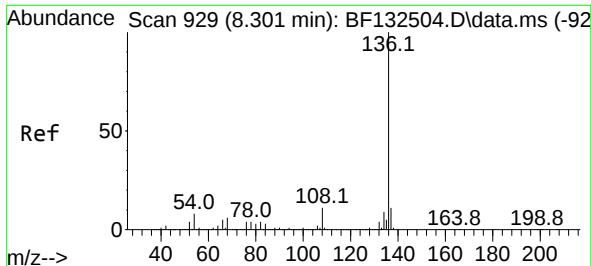
Tgt Ion: 70 Resp: 488130
Ion Ratio Lower Upper
70 100
42 47.7 44.1 66.1
101 9.8 7.4 11.2
130 20.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 33.756 ng
RT: 7.387 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 107 Resp: 687329
Ion Ratio Lower Upper
107 100
108 87.3 72.6 112.6
77 117.5 104.0 144.0
79 29.3 14.1 54.1

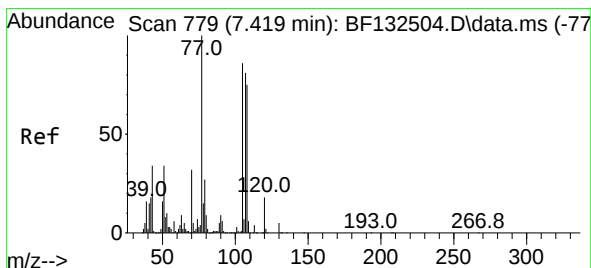
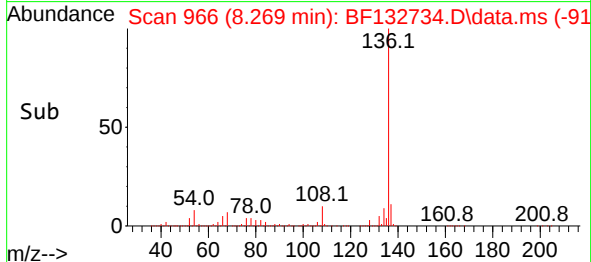
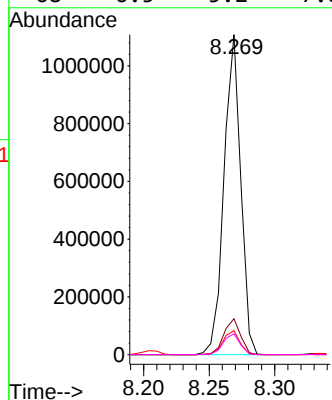
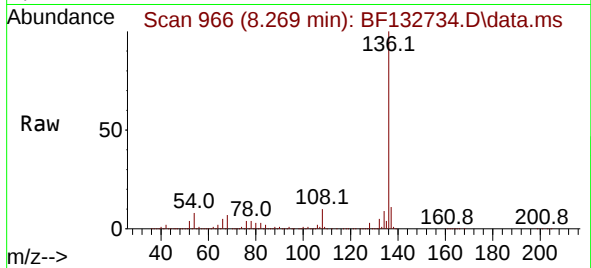




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

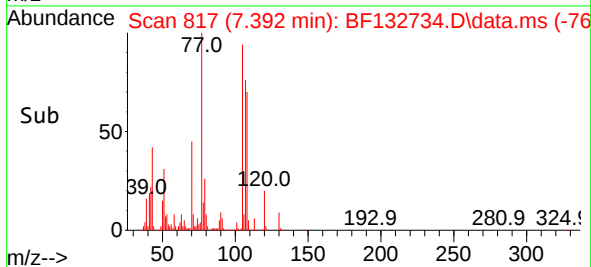
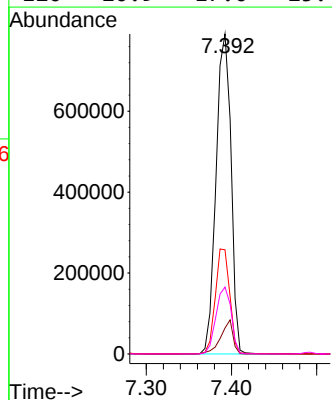
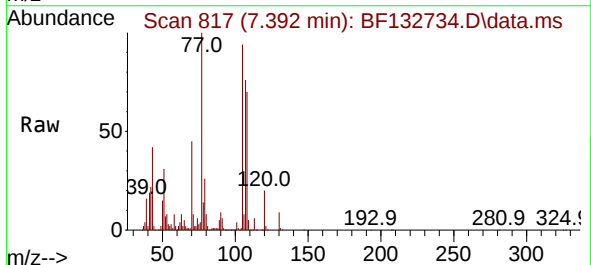
Instrument :
BNA_F
ClientSampleId :
PB151329BS

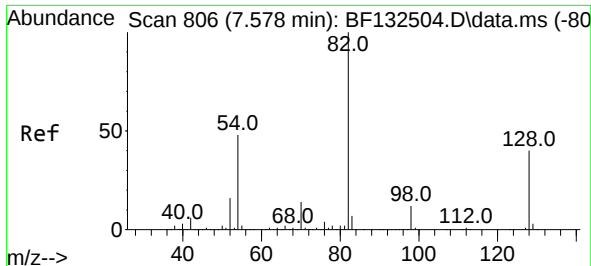
Tgt Ion:136 Resp: 978805
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 39.046 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:105 Resp: 963692
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 32.6 31.5 47.3
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 63.090 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

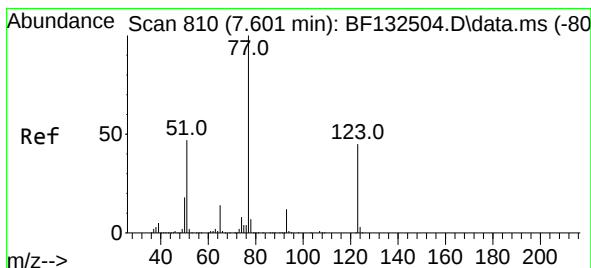
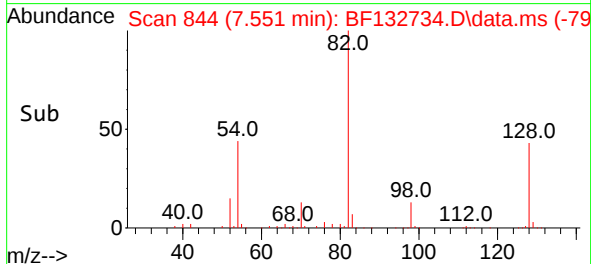
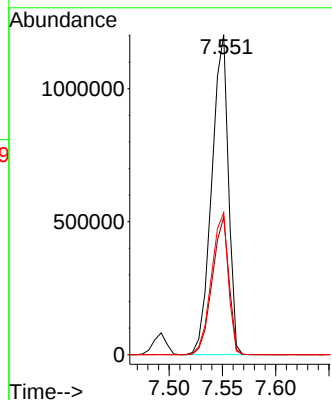
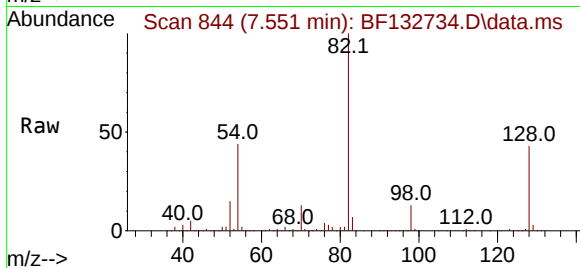
BNA_F

ClientSampleId :

PB151329BS

Tgt Ion: 82 Resp: 1301574

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.2	48.2
54	44.4	38.4	57.6



#24

Nitrobenzene

Concen: 39.427 ng

RT: 7.569 min Scan# 847

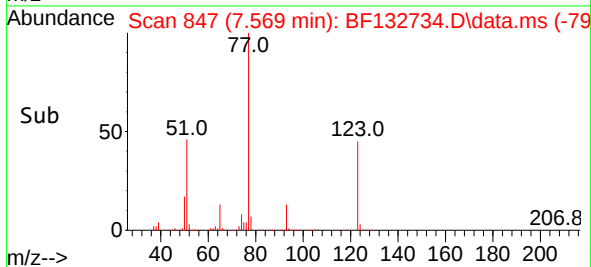
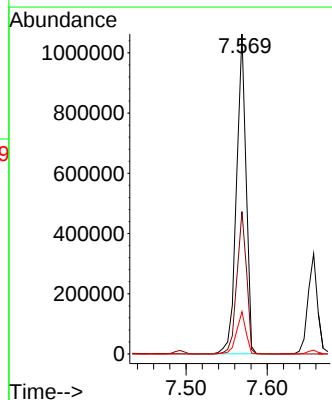
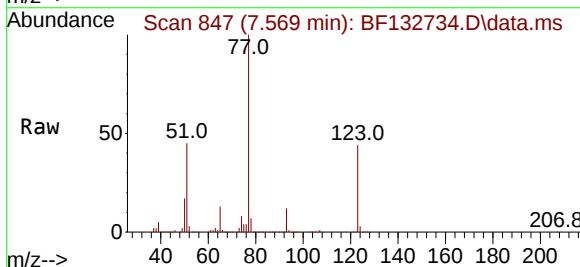
Delta R.T. -0.006 min

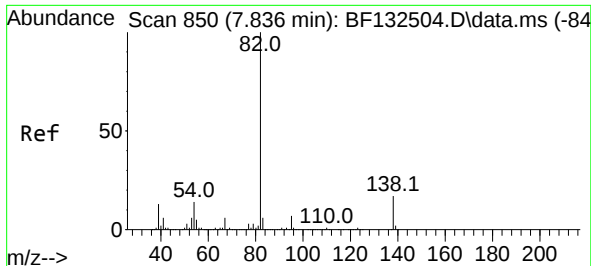
Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Tgt Ion: 77 Resp: 869917

Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.8	53.6
65	13.2	10.9	16.3

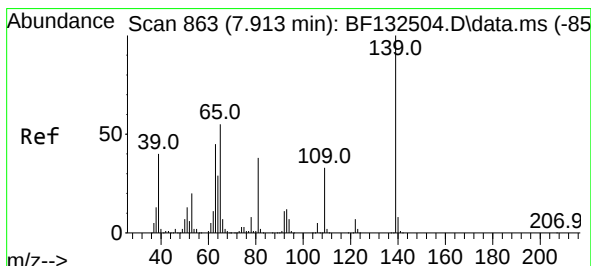
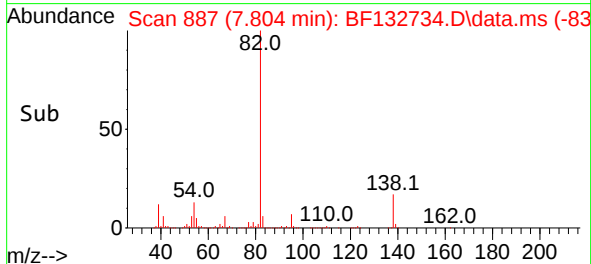
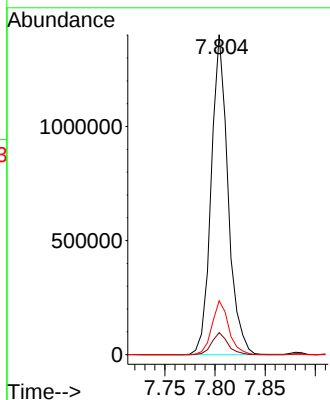
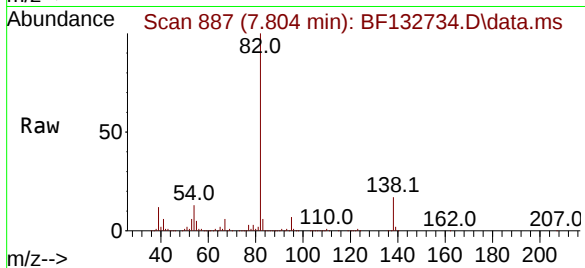




#25
Isophorone
Concen: 41.379 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

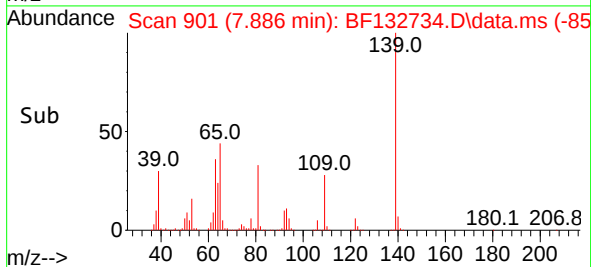
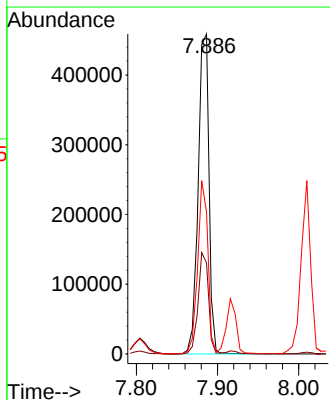
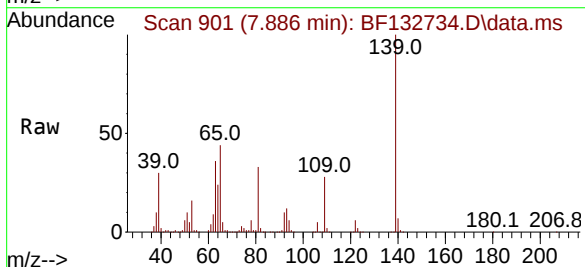
Instrument :
BNA_F
ClientSampleId :
PB151329BS

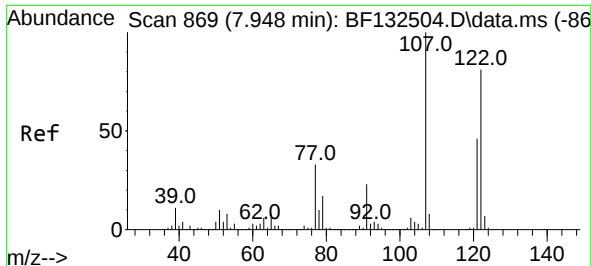
Tgt Ion: 82 Resp: 1636675
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.9 13.3 19.9



#26
2-Nitrophenol
Concen: 43.970 ng
RT: 7.886 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:139 Resp: 428051
Ion Ratio Lower Upper
139 100
109 28.5 26.2 39.2
65 44.3 43.8 65.8

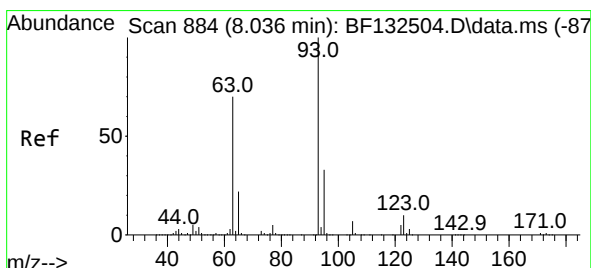
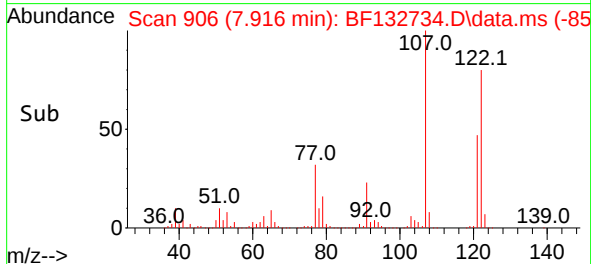
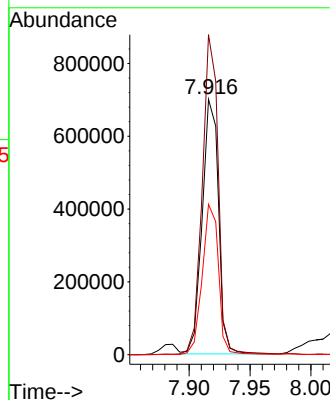
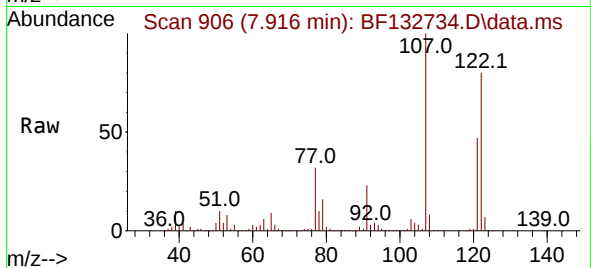




#27
2,4-Dimethylphenol
Concen: 42.154 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

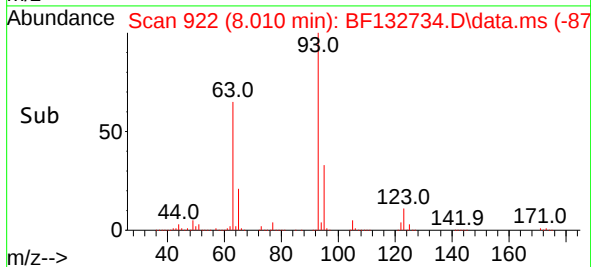
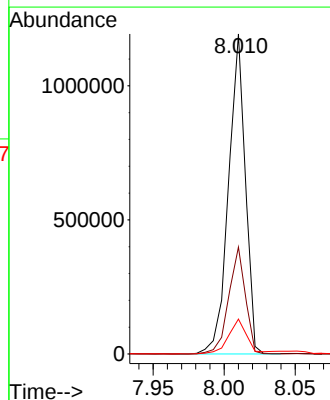
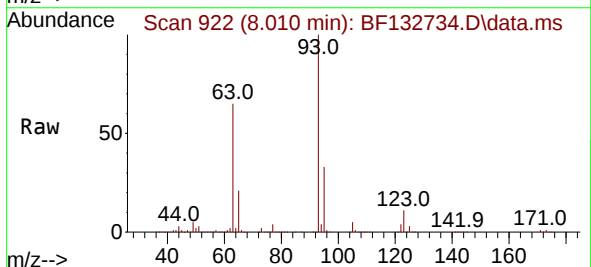
Instrument :
BNA_F
ClientSampleId :
PB151329BS

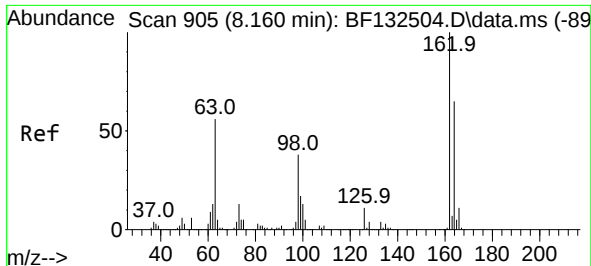
Tgt Ion:122 Resp: 647691
Ion Ratio Lower Upper
122 100
107 125.3 98.7 148.1
121 58.9 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.553 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 93 Resp: 984595
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 10.9 8.3 12.5

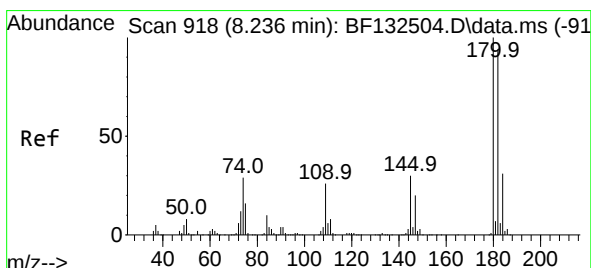
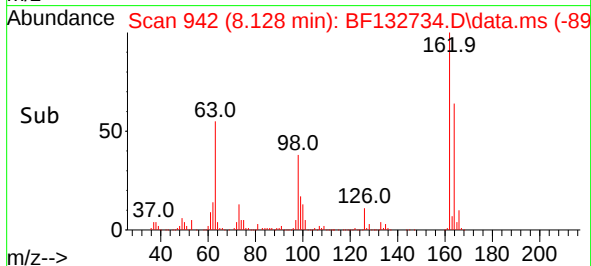
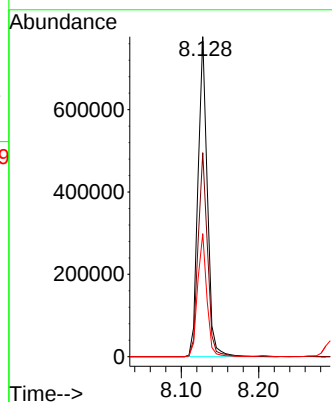
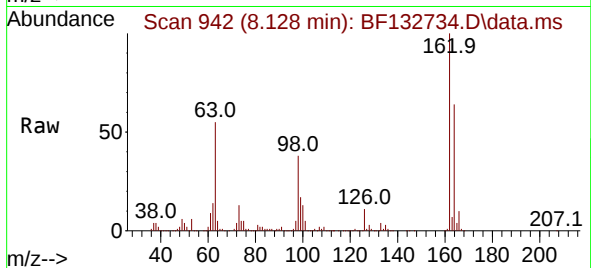




#29
2,4-Dichlorophenol
Concen: 42.505 ng
RT: 8.128 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

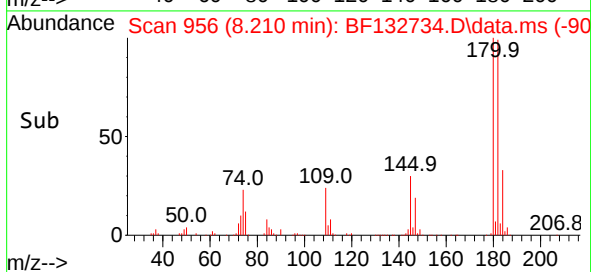
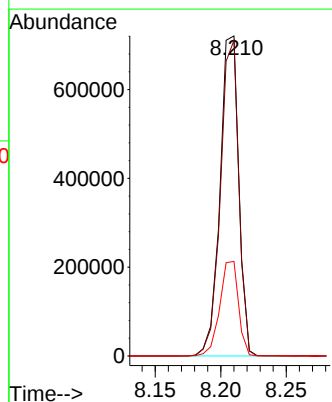
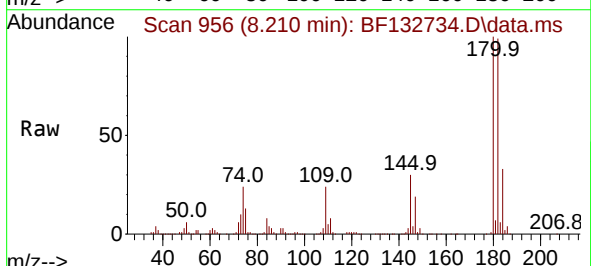
Instrument :
BNA_F
ClientSampleId :
PB151329BS

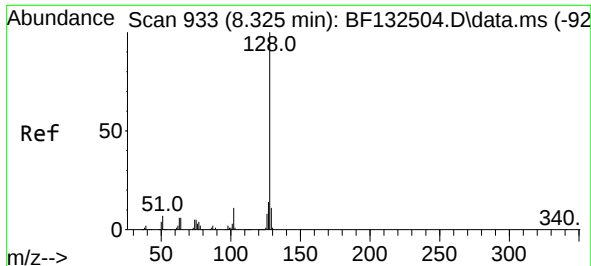
Tgt Ion:162 Resp: 649655
Ion Ratio Lower Upper
162 100
164 63.7 45.3 85.3
98 38.5 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 43.224 ng
RT: 8.210 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:180 Resp: 717362
Ion Ratio Lower Upper
180 100
182 98.6 75.1 112.7
145 29.5 23.8 35.6

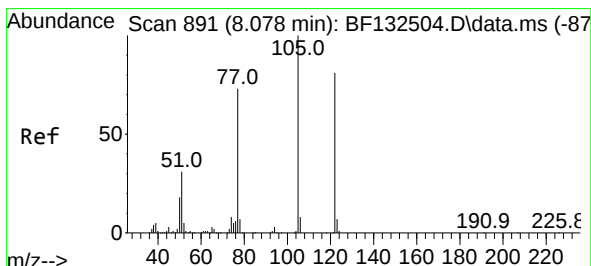
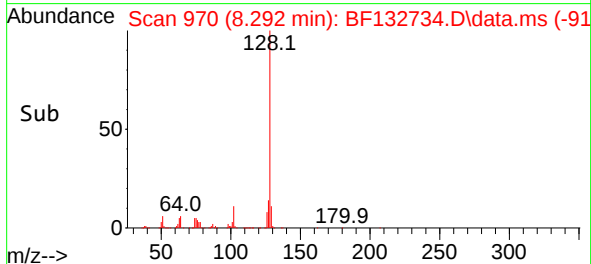
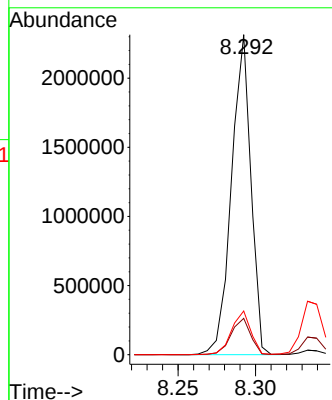
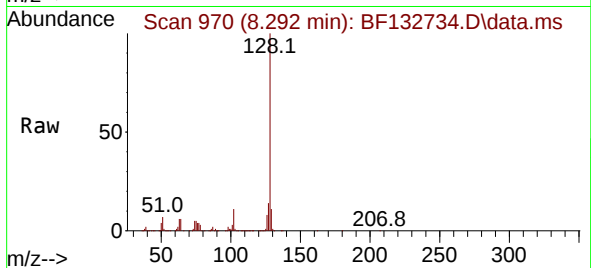




#31
Naphthalene
Concen: 40.202 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

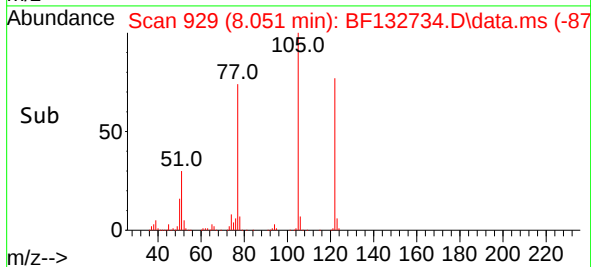
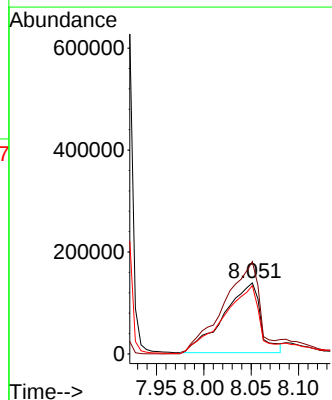
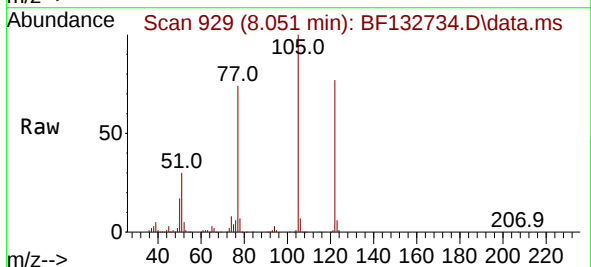
Instrument :
BNA_F
ClientSampleId :
PB151329BS

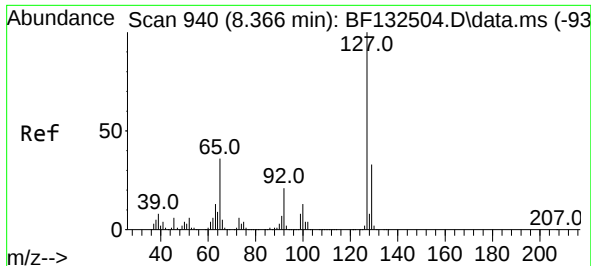
Tgt Ion:128 Resp: 2014446
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 32.121 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:122 Resp: 372218
Ion Ratio Lower Upper
122 100
105 129.9 102.6 142.6
77 96.1 70.2 110.2

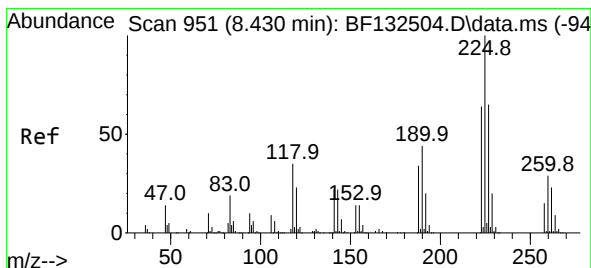
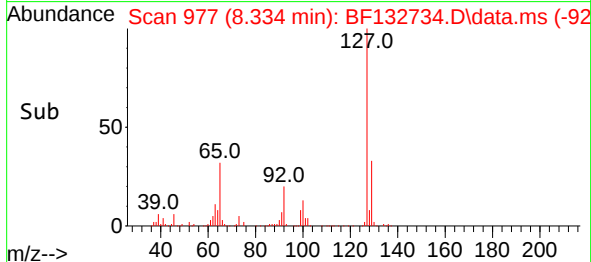
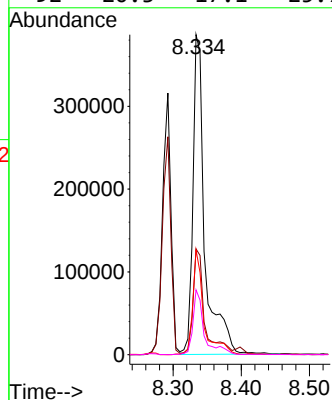
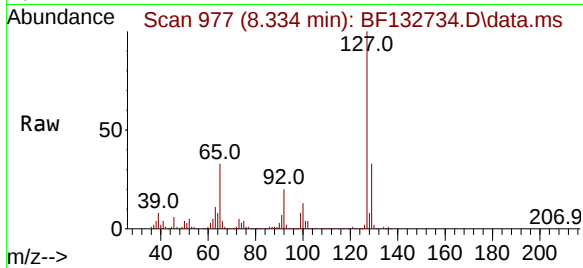




#33
4-Chloroaniline
Concen: 21.916 ng
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

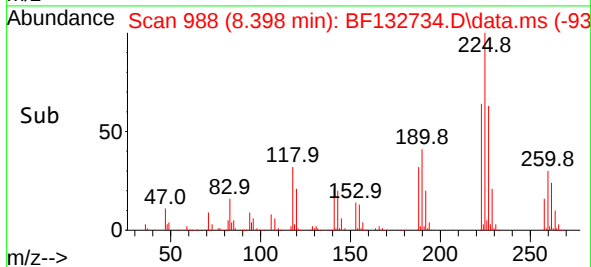
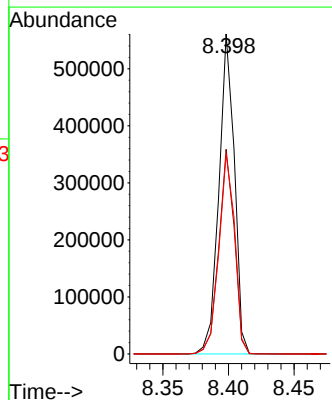
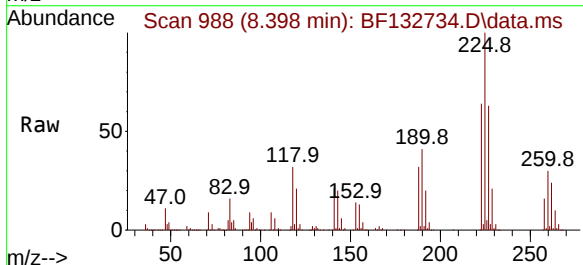
Instrument :
BNA_F
ClientSampleId :
PB151329BS

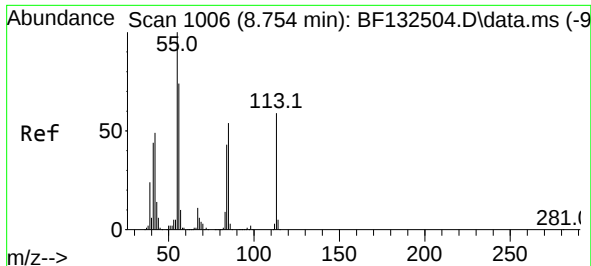
Tgt Ion:	127	Resp:	470602
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.4	39.6
65	32.8	28.8	43.2
92	20.3	17.1	25.7



#34
Hexachlorobutadiene
Concen: 43.533 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:	225	Resp:	459110
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.4
227	62.5	51.7	77.5

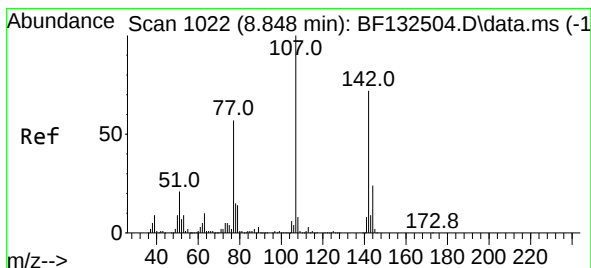
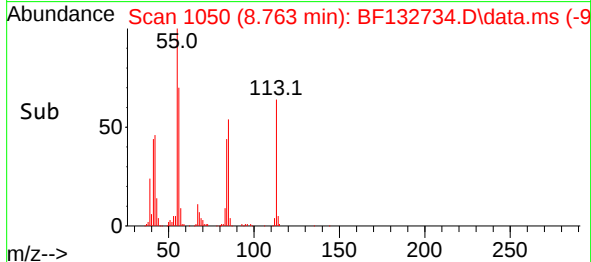
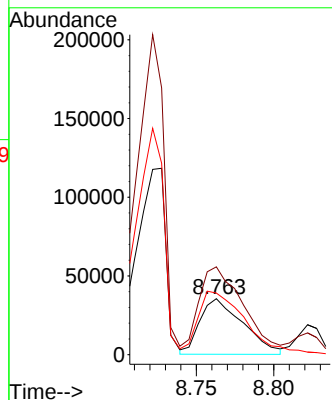
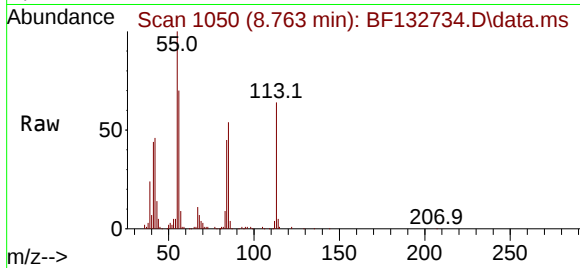




#35
 Caprolactam
 Concen: 13.535 ng
 RT: 8.763 min Scan# 1006
 Delta R.T. 0.030 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

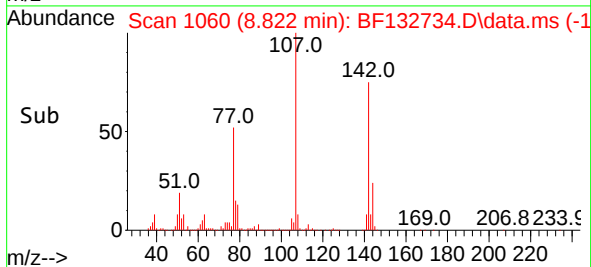
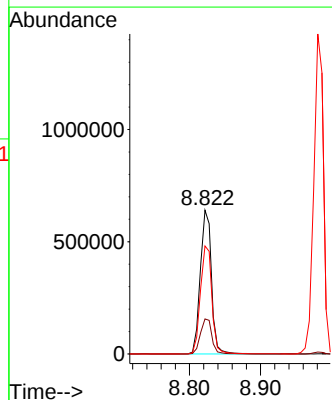
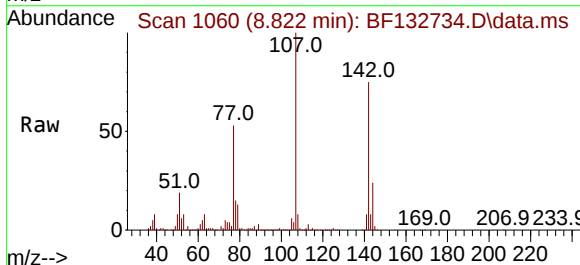
Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

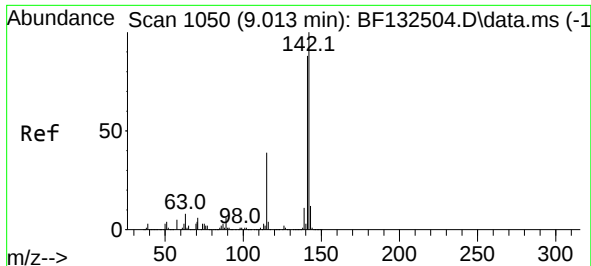
Tgt Ion:113 Resp: 68198
 Ion Ratio Lower Upper
 113 100
 55 156.9 149.4 189.4
 56 109.9 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.862 ng
 RT: 8.822 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion:107 Resp: 702666
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.9 28.3
 142 75.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.225 ng

RT: 8.981 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

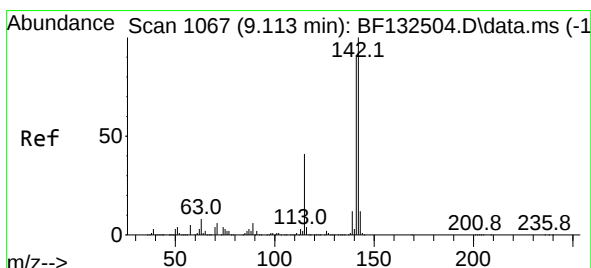
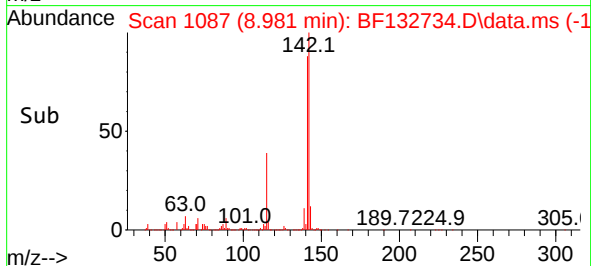
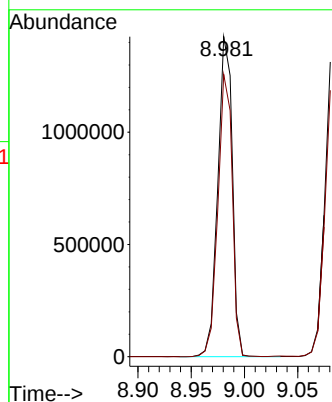
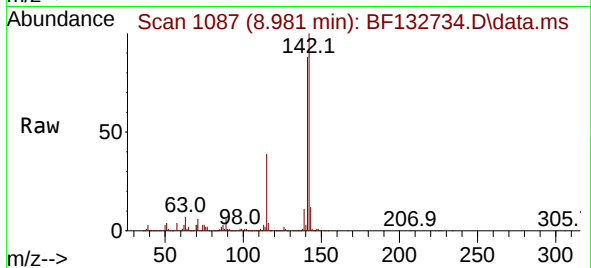
PB151329BS

Tgt Ion:142 Resp: 1339457

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 39.033 ng

RT: 9.081 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132734.D

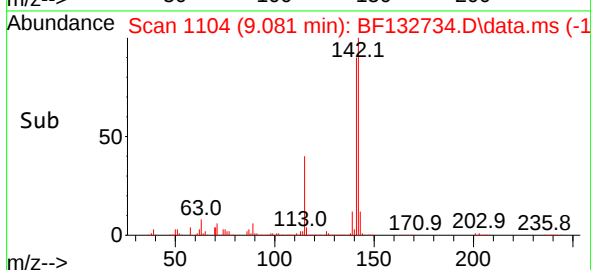
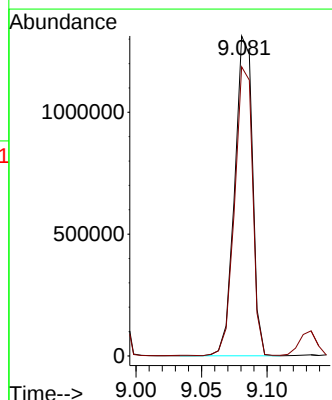
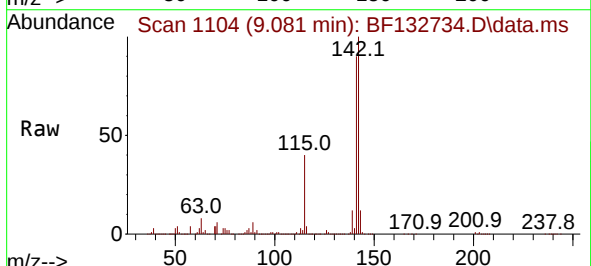
Acq: 10 Mar 2023 11:12

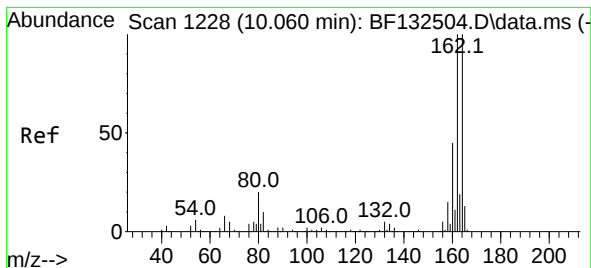
Tgt Ion:142 Resp: 1245682

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

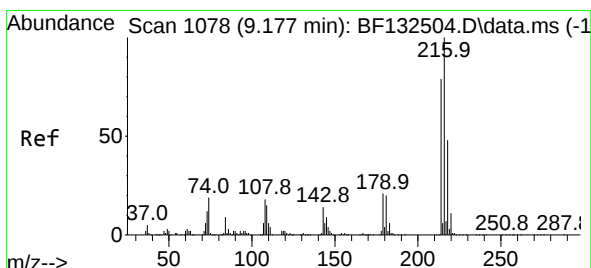
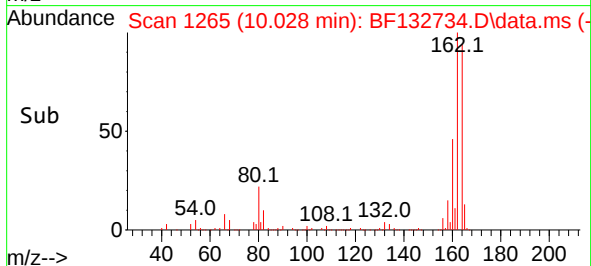
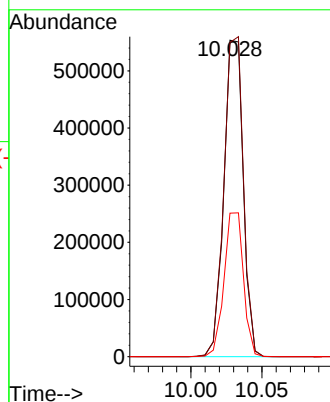
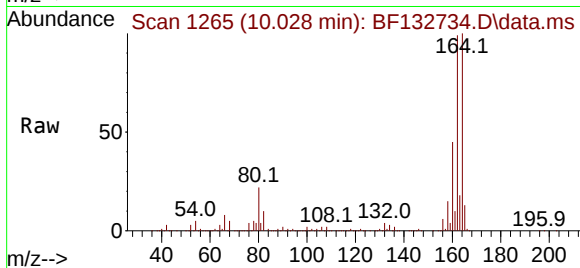
Tgt Ion:164 Resp: 524478

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 45.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.163 ng

RT: 9.151 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Tgt Ion:216 Resp: 723498

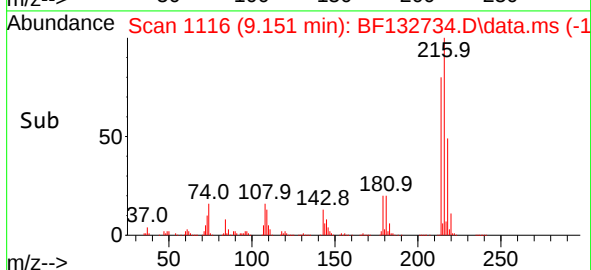
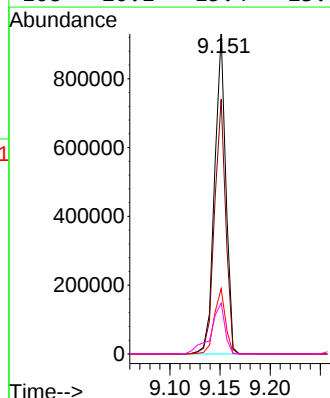
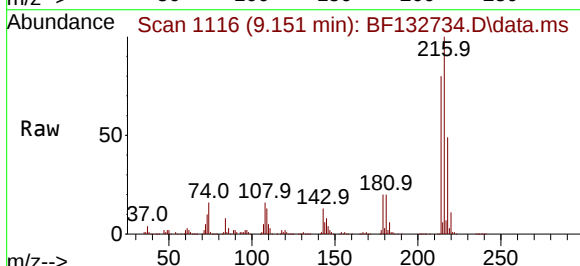
Ion Ratio Lower Upper

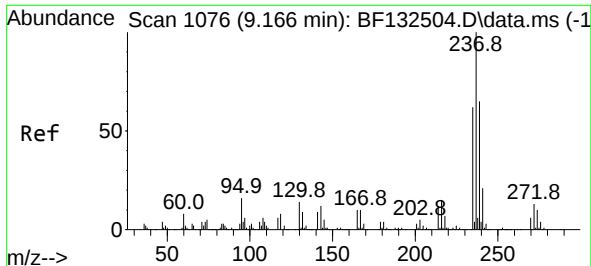
216 100

214 79.7 63.0 94.6

179 20.3 16.6 24.8

108 20.1 15.4 23.0

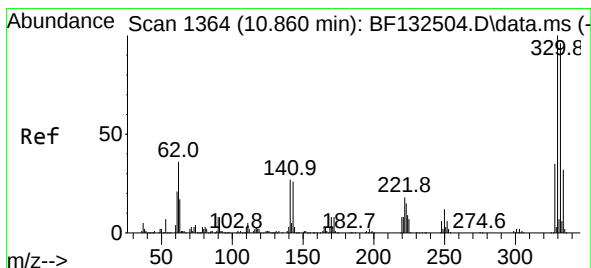
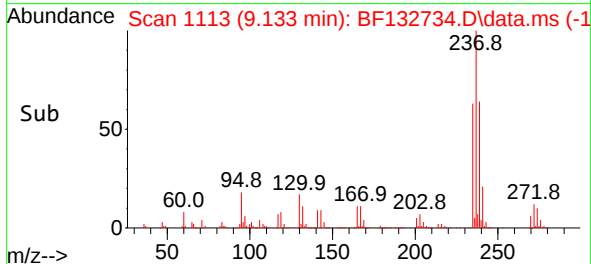
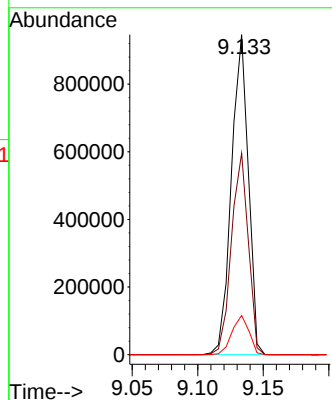
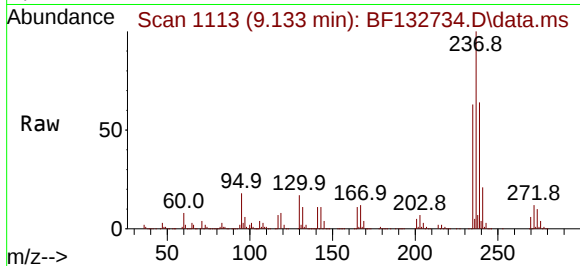




#41
Hexachlorocyclopentadiene
Concen: 91.032 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

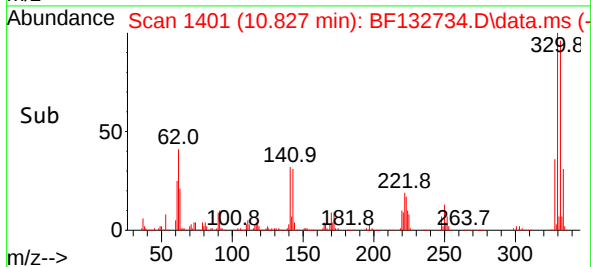
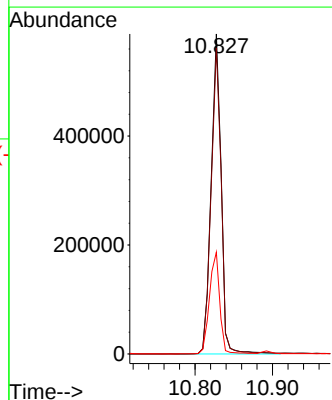
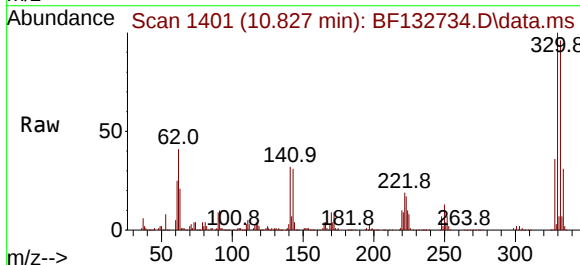
Instrument :
BNA_F
ClientSampleId :
PB151329BS

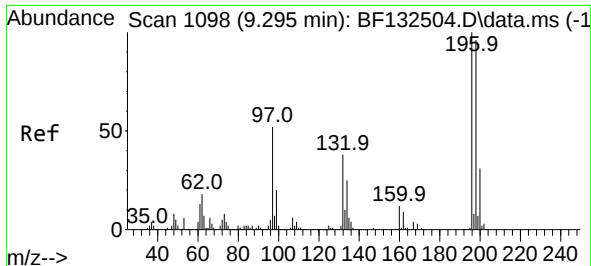
Tgt Ion:237 Resp: 847261
Ion Ratio Lower Upper
237 100
235 63.0 42.4 82.4
272 12.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 93.051 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:330 Resp: 527056
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 32.9 28.4 42.6

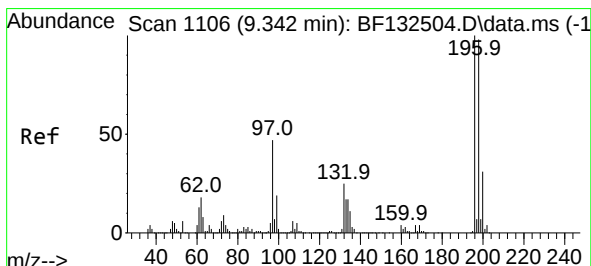
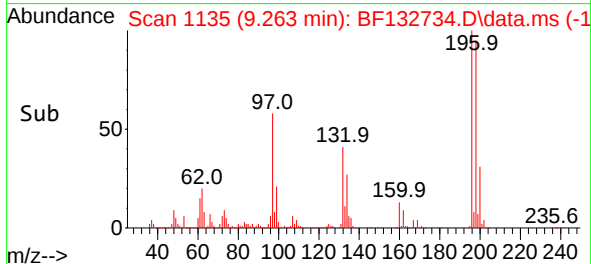
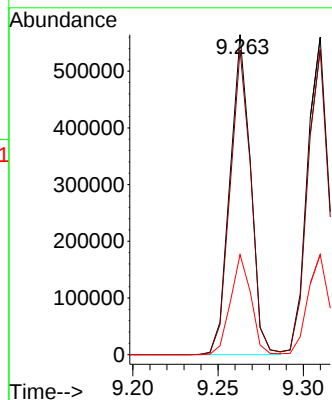
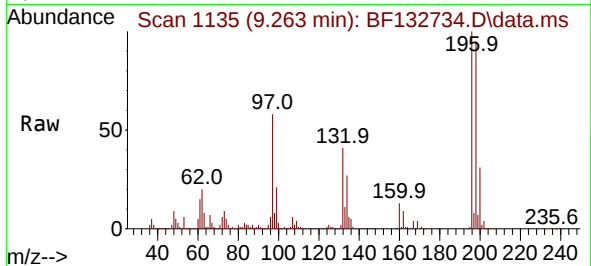




#43
2,4,6-Trichlorophenol
Concen: 40.864 ng
RT: 9.263 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

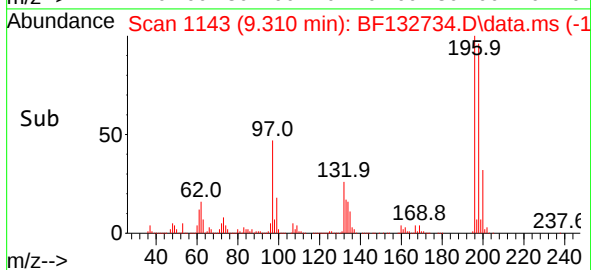
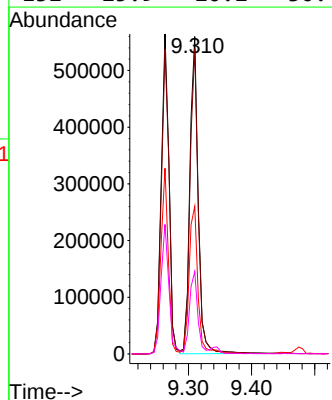
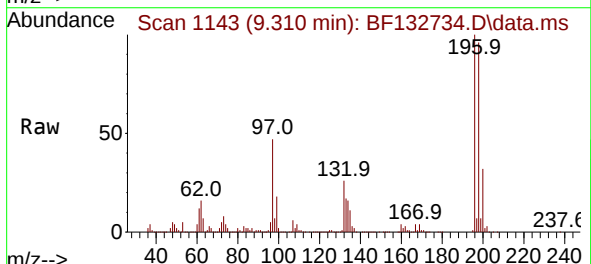
Instrument :
BNA_F
ClientSampleId :
PB151329BS

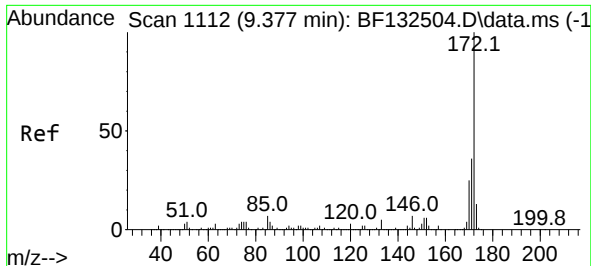
Tgt Ion:196 Resp: 475213
Ion Ratio Lower Upper
196 100
198 95.3 77.1 115.7
200 31.3 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 38.195 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:196 Resp: 518404
Ion Ratio Lower Upper
196 100
198 96.2 78.3 117.5
97 46.5 38.1 57.1
132 25.9 20.2 30.4

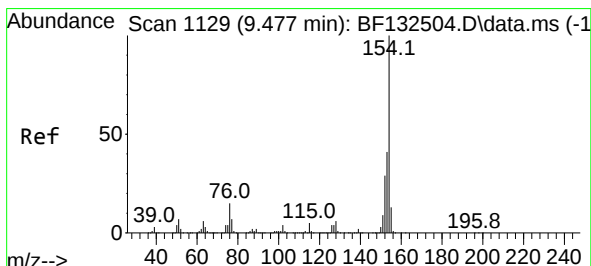
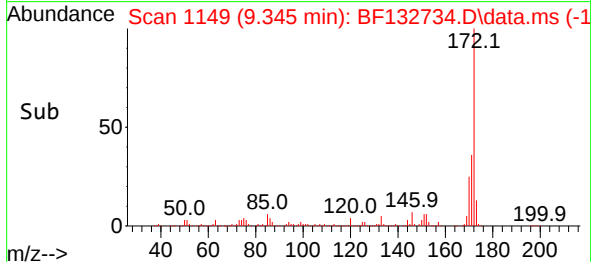
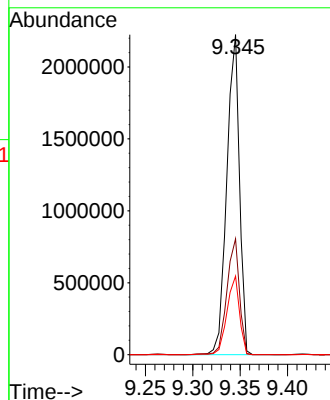
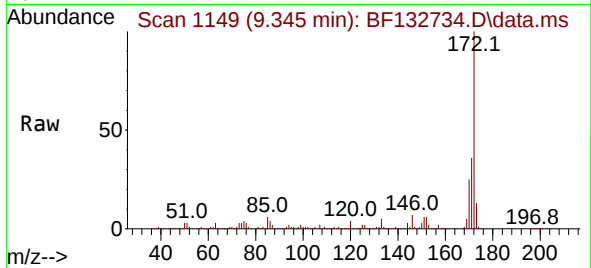




#45
2-Fluorobiphenyl
Concen: 60.385 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

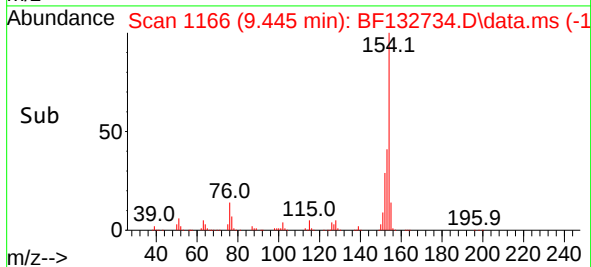
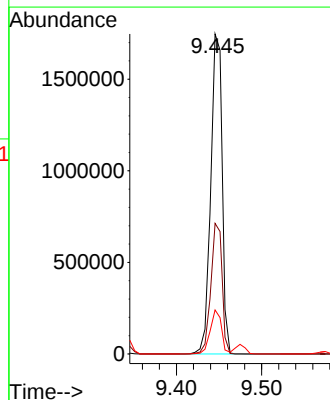
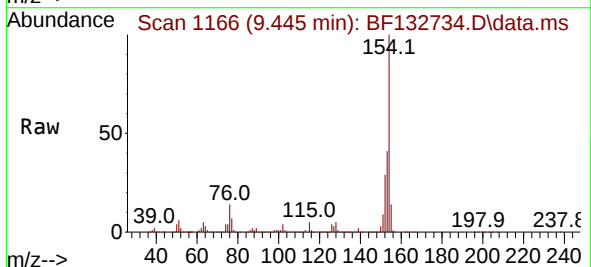
Instrument :
BNA_F
ClientSampleId :
PB151329BS

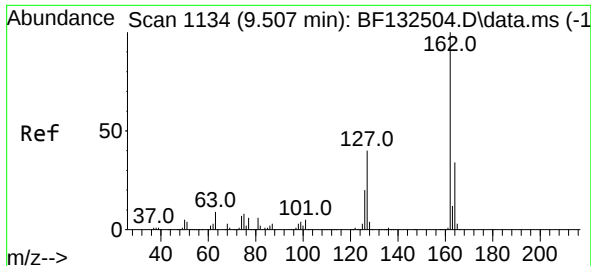
Tgt Ion:172 Resp: 2079955
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 40.829 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:154 Resp: 1620787
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 13.8 0.0 34.7





#47

2-Chloronaphthalene

Concen: 41.658 ng

RT: 9.475 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

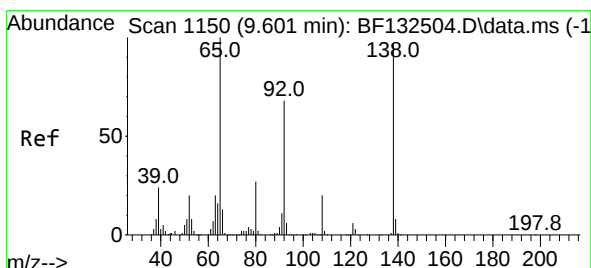
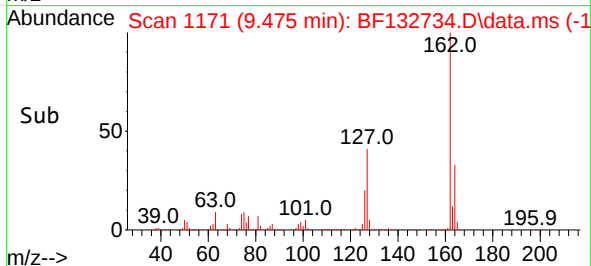
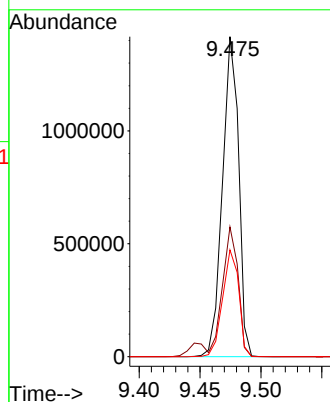
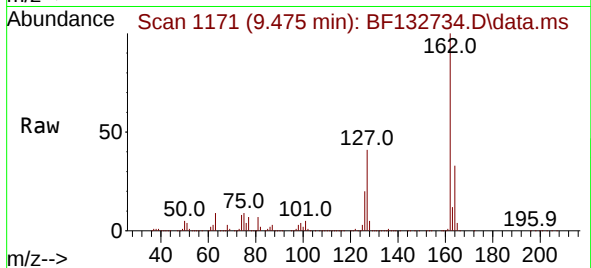
Tgt Ion:162 Resp: 1311136

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 37.070 ng

RT: 9.575 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

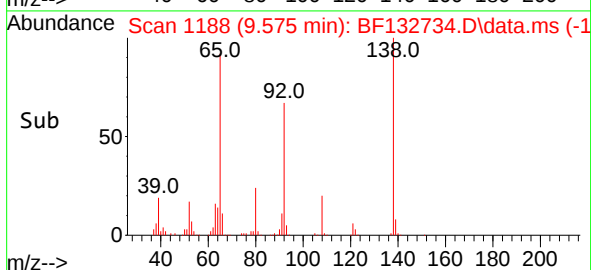
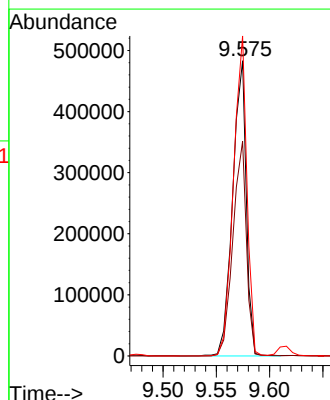
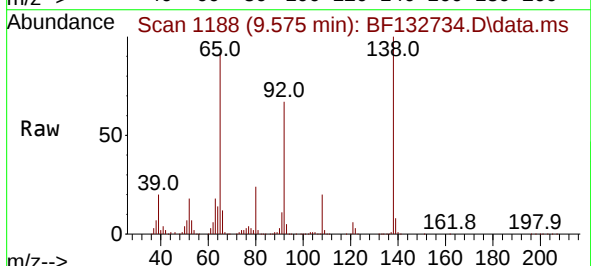
Tgt Ion: 65 Resp: 429712

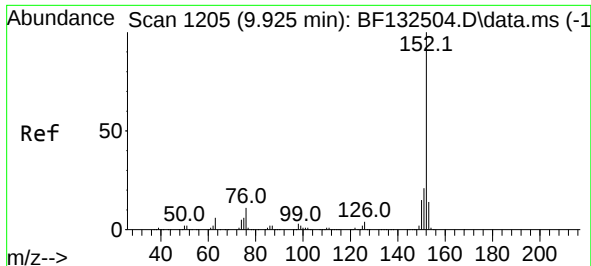
Ion Ratio Lower Upper

65 100

92 72.8 54.5 81.7

138 108.4 77.2 115.8

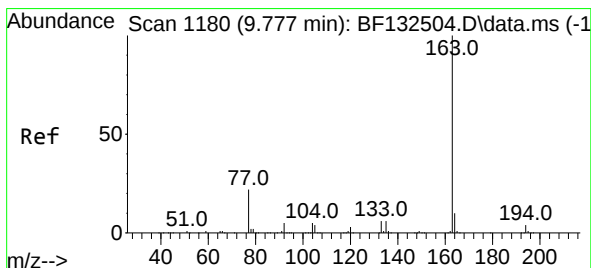
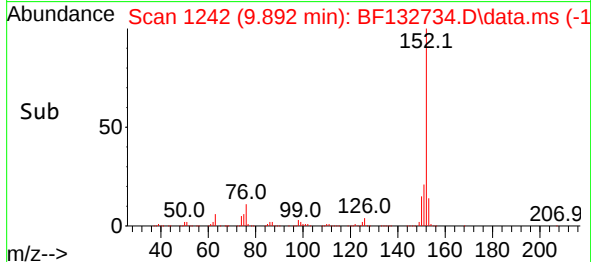
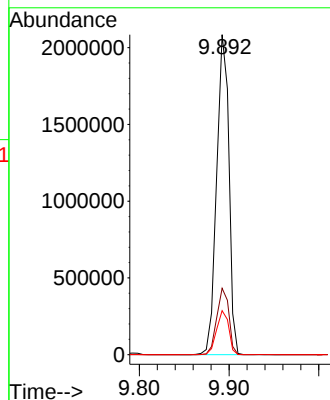
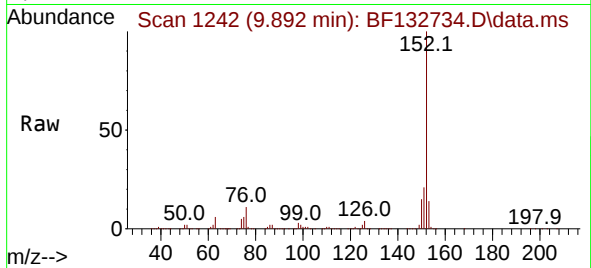




#49
Acenaphthylene
Concen: 39.563 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

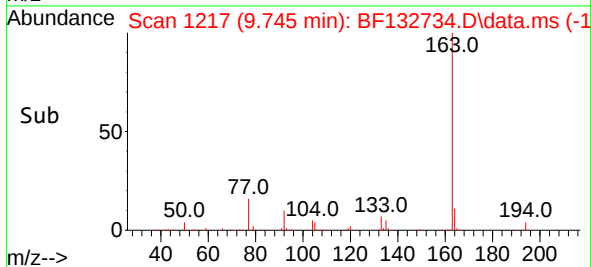
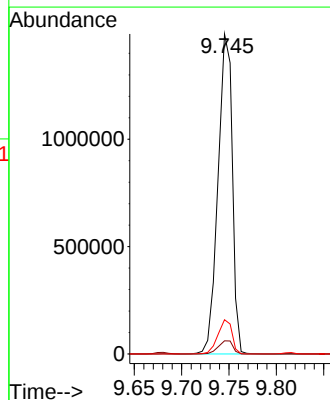
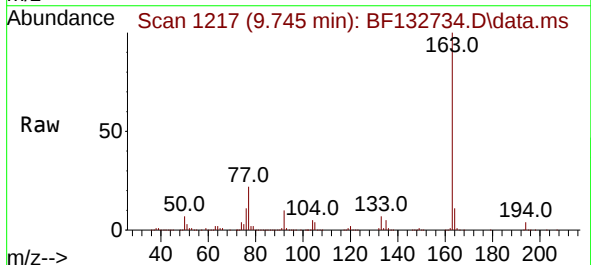
Instrument :
BNA_F
ClientSampleId :
PB151329BS

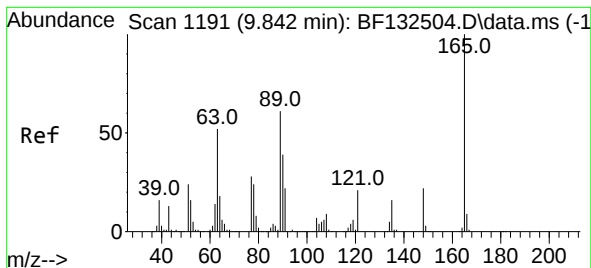
Tgt Ion:152 Resp: 1981758
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 41.081 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:163 Resp: 1568843
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.7 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.831 ng

RT: 9.816 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

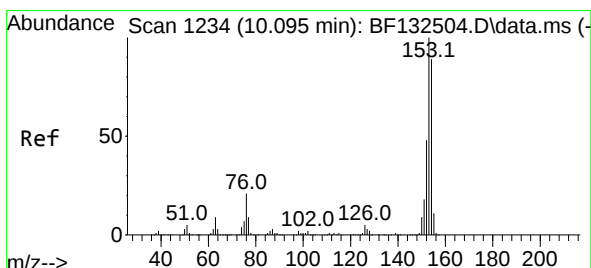
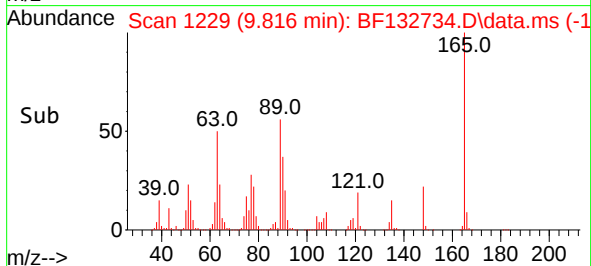
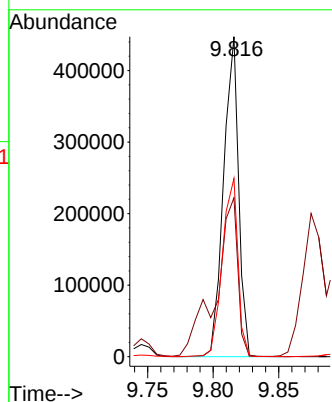
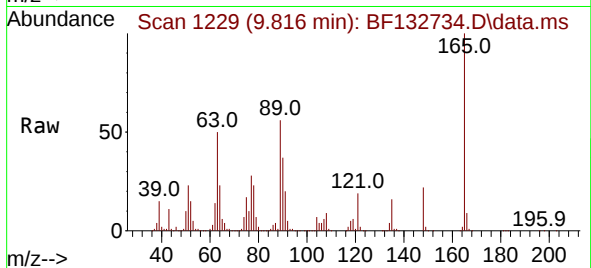
Tgt Ion:165 Resp: 355106

Ion Ratio Lower Upper

165 100

63 49.7 47.3 70.9

89 55.7 48.9 73.3



#52

Acenaphthene

Concen: 36.221 ng

RT: 10.069 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

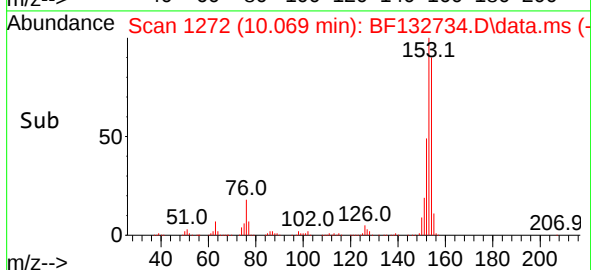
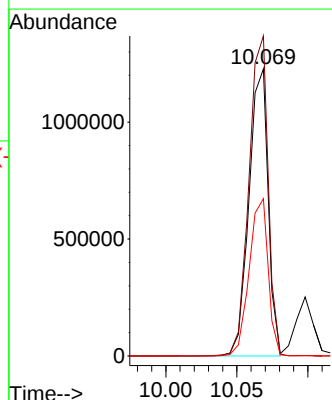
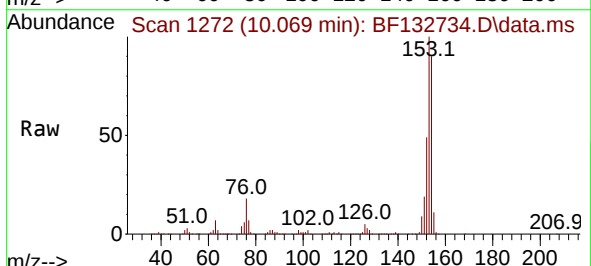
Tgt Ion:154 Resp: 1152068

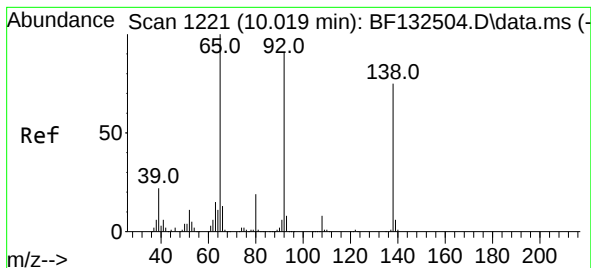
Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

152 54.8 43.3 64.9

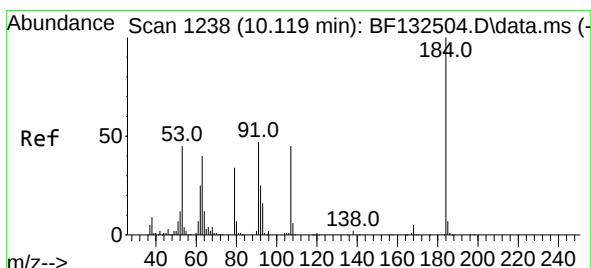
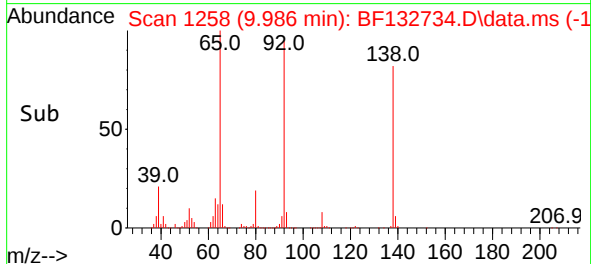
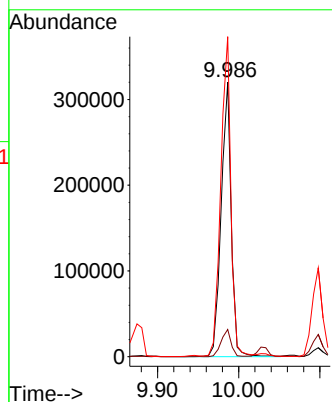
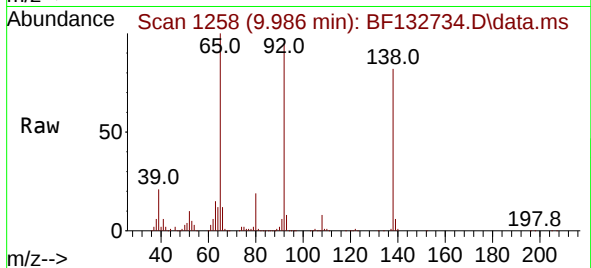




#53
3-Nitroaniline
Concen: 28.431 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

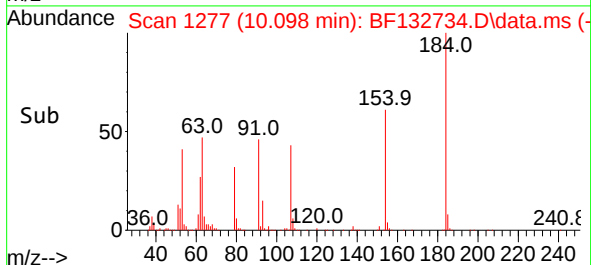
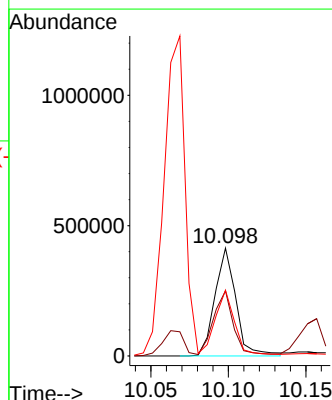
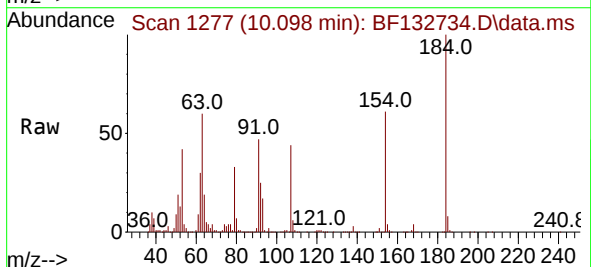
Instrument :
BNA_F
ClientSampleId :
PB151329BS

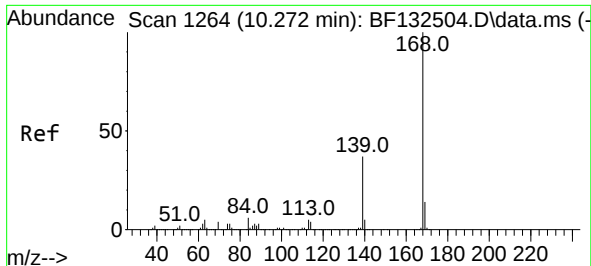
Tgt Ion:138 Resp: 276597
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 116.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 71.519 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:184 Resp: 390866
Ion Ratio Lower Upper
184 100
63 60.3 51.4 77.2
154 61.0 48.3 72.5

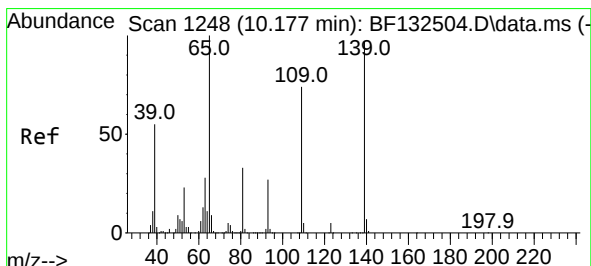
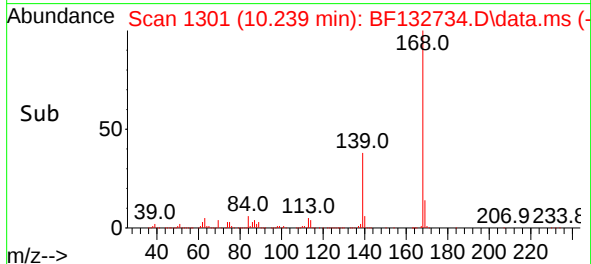
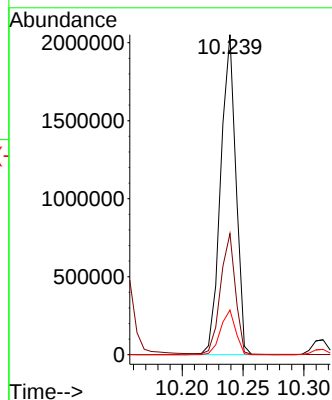
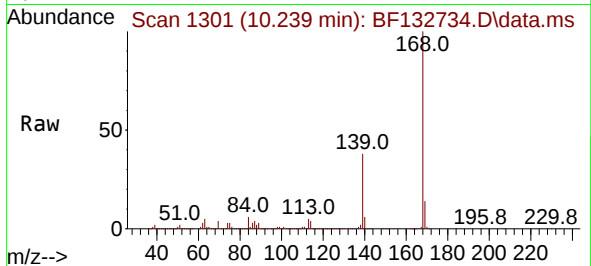




#55
Dibenzenofuran
Concen: 38.526 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

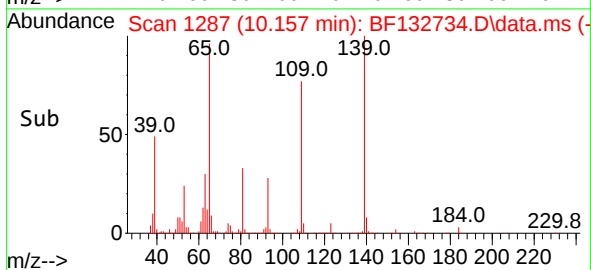
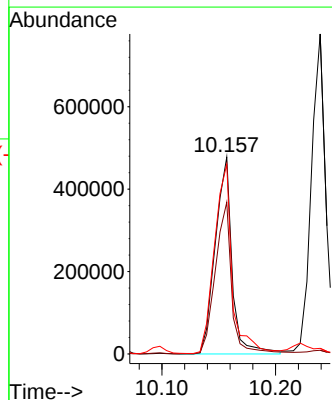
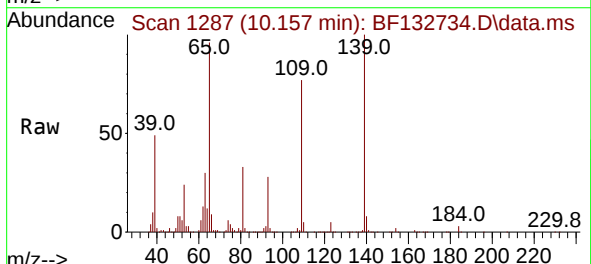
Instrument :
BNA_F
ClientSampleId :
PB151329BS

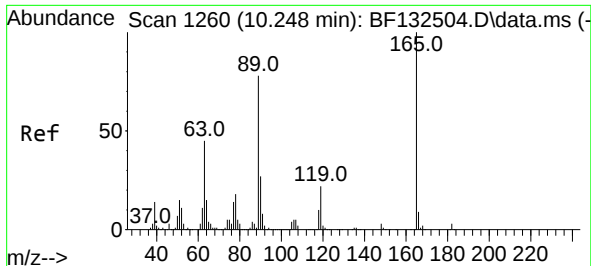
Tgt Ion:168 Resp: 1786439
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 67.980 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:139 Resp: 493220
Ion Ratio Lower Upper
139 100
109 77.1 56.7 96.7
65 96.4 83.5 123.5

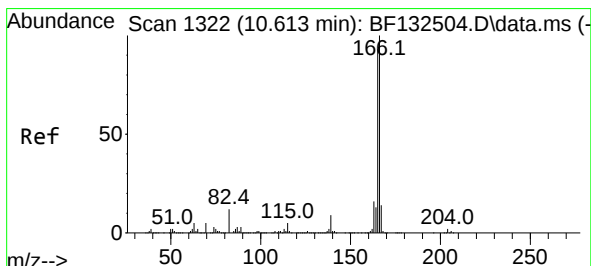
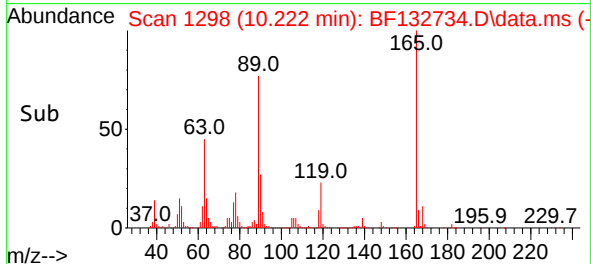
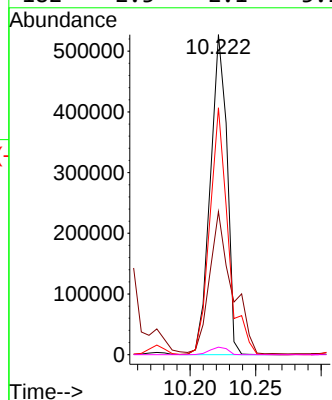
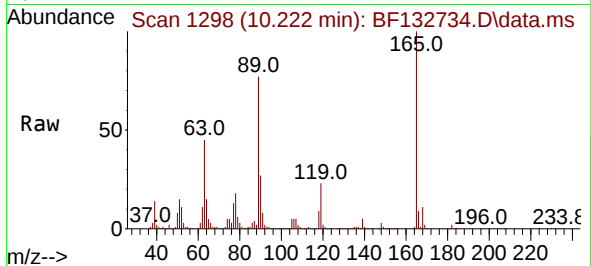




#57
2,4-Dinitrotoluene
Concen: 40.423 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

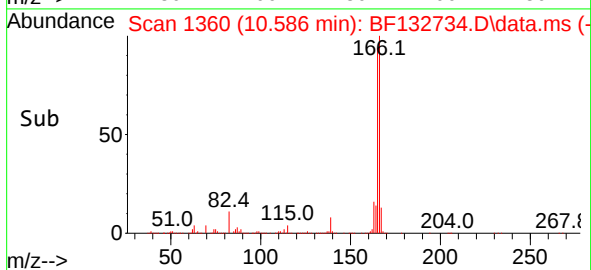
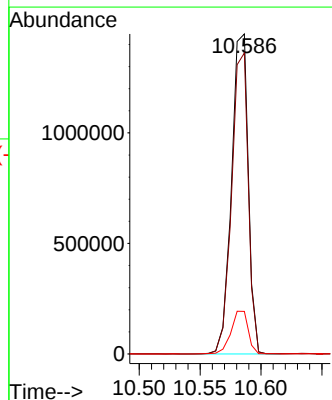
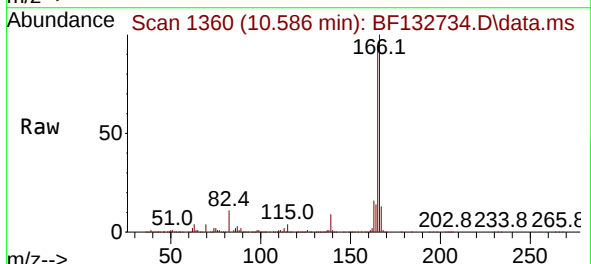
Instrument :
BNA_F
ClientSampleId :
PB151329BS

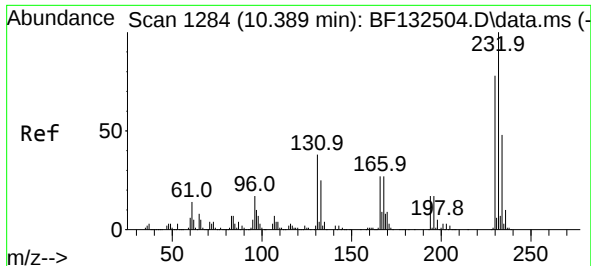
Tgt Ion:165 Resp: 467707
Ion Ratio Lower Upper
165 100
63 44.7 36.5 54.7
89 77.1 62.4 93.6
182 2.3 2.1 3.1



#58
Fluorene
Concen: 39.188 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:166 Resp: 1389932
Ion Ratio Lower Upper
166 100
165 94.1 74.2 111.4
167 13.3 11.1 16.7

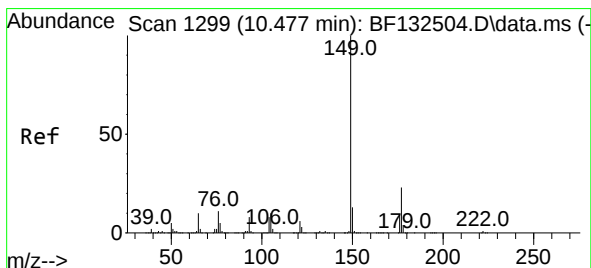
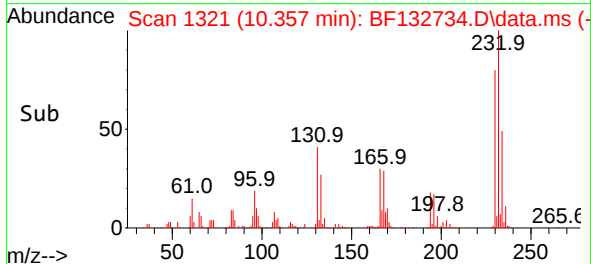
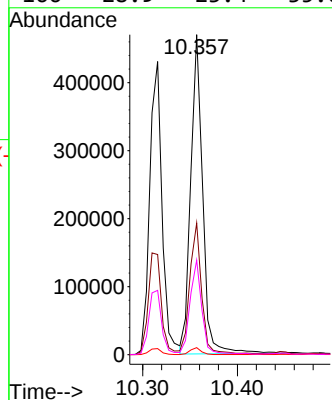
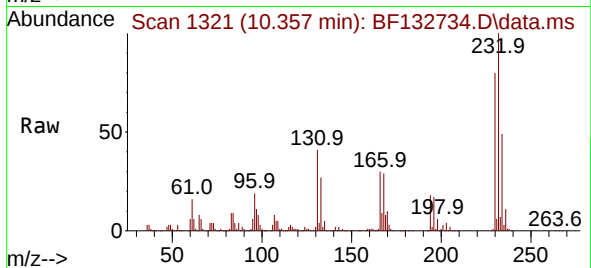




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.058 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

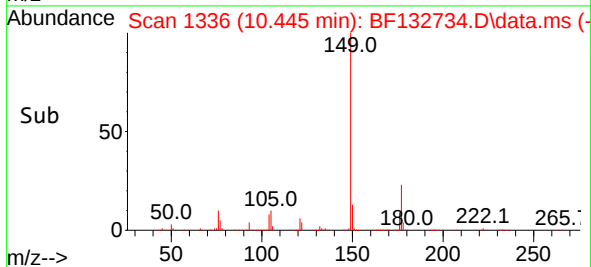
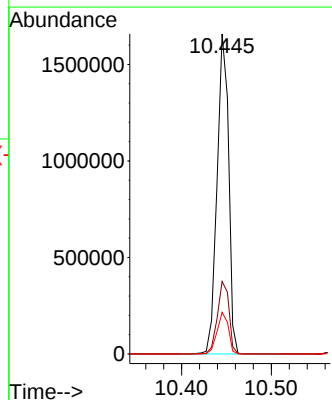
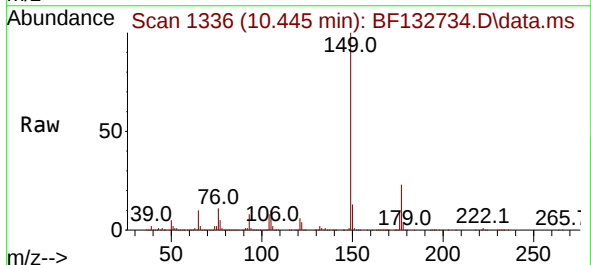
Instrument :
BNA_F
ClientSampleId :
PB151329BS

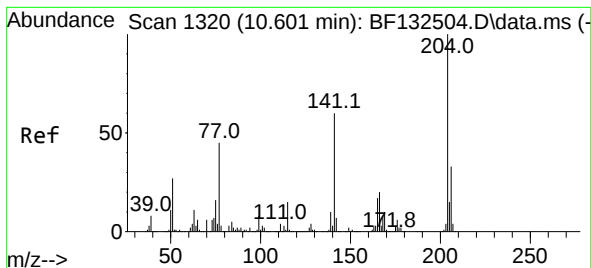
Tgt Ion:232 Resp: 413955
Ion Ratio Lower Upper
232 100
131 40.4 33.8 50.8
130 2.0 1.7 2.5
166 28.9 23.4 35.0



#60
Diethylphthalate
Concen: 39.705 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:149 Resp: 1480861
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 13.0 10.2 15.2

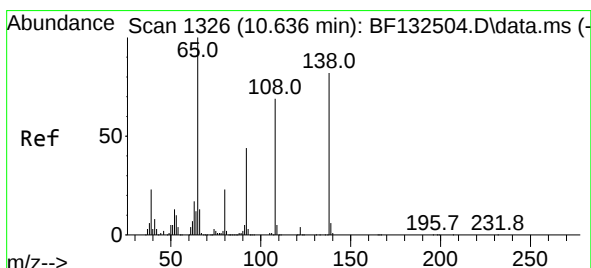
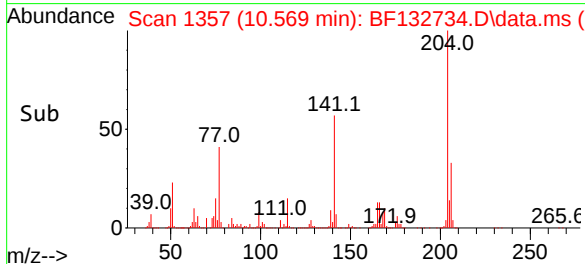
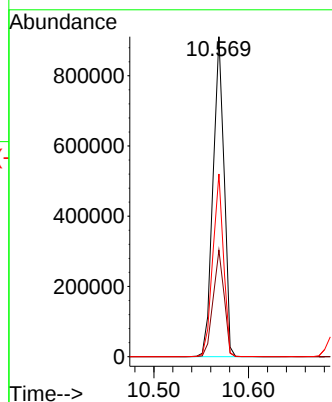
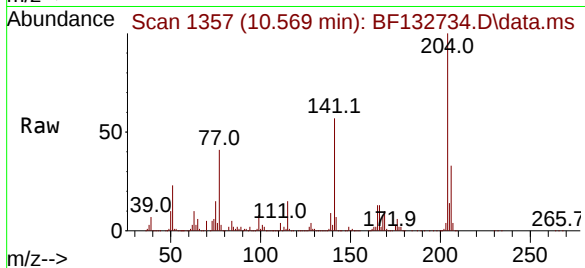




#61
4-Chlorophenyl-phenylether
Concen: 40.142 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

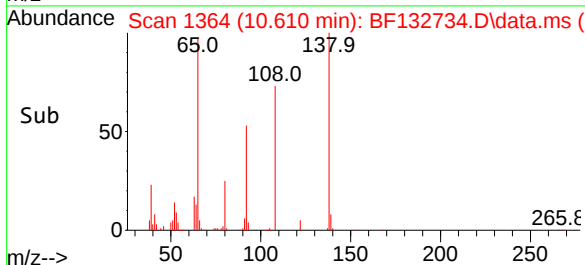
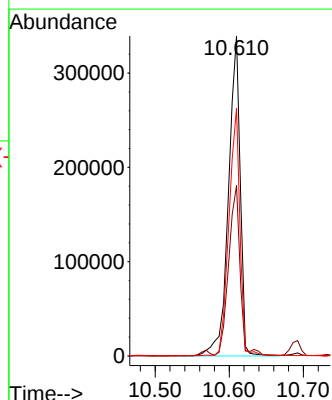
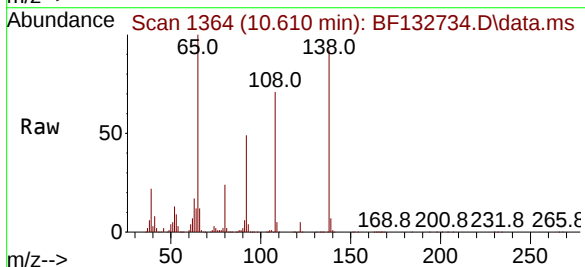
Instrument :
BNA_F
ClientSampleId :
PB151329BS

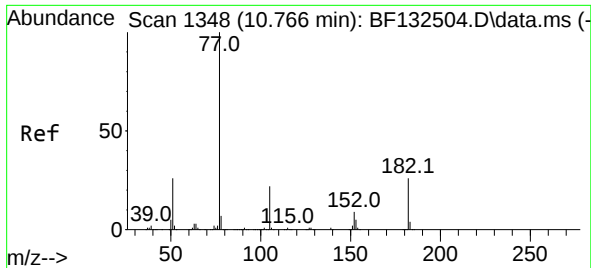
Tgt Ion:204 Resp: 738599
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 57.1 47.8 71.8



#62
4-Nitroaniline
Concen: 39.086 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:138 Resp: 373264
Ion Ratio Lower Upper
138 100
92 53.2 33.8 73.8
108 77.4 63.7 103.7



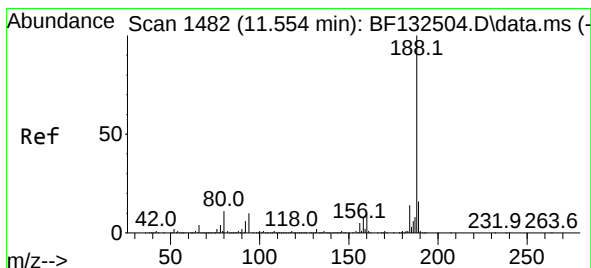
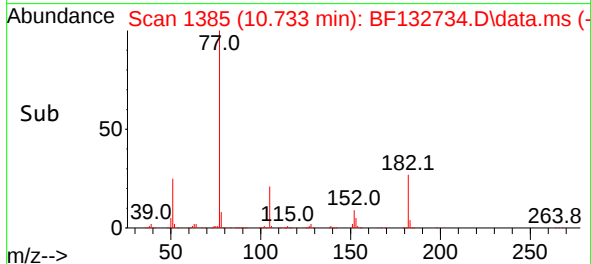
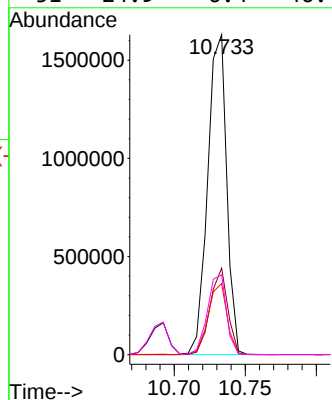
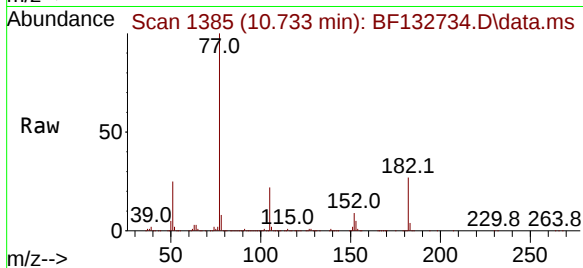


#63
 Azobenzene
 Concen: 38.520 ng
 RT: 10.733 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

Tgt Ion: 77 Resp: 1521546

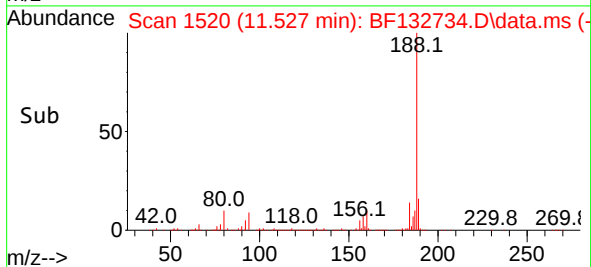
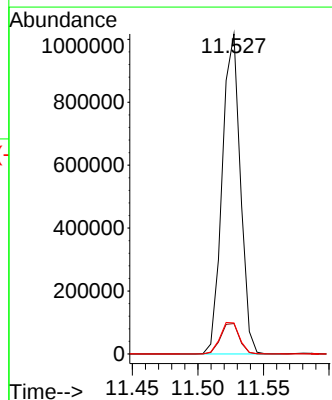
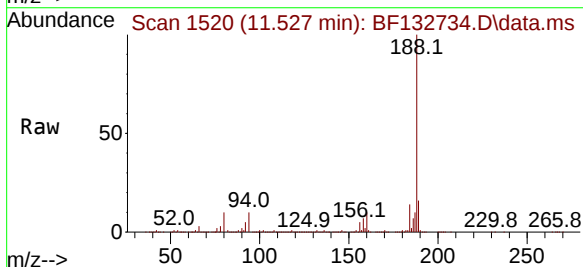
Ion	Ratio	Lower	Upper
77	100		
182	27.1	5.5	45.5
105	22.2	1.8	41.8
51	24.9	6.4	46.4

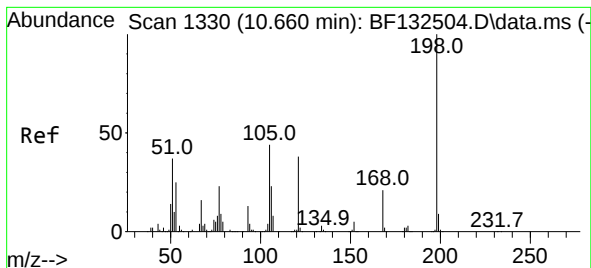


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.527 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion: 188 Resp: 977217

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.3	12.5
80	9.7	8.7	13.1

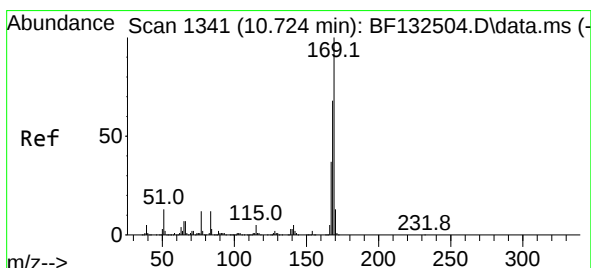
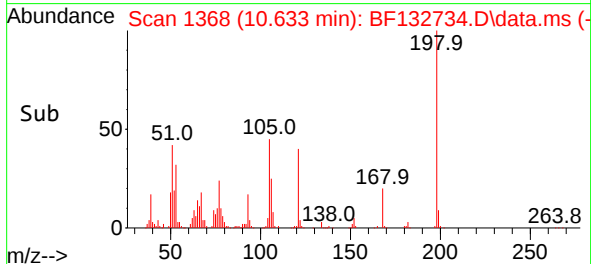
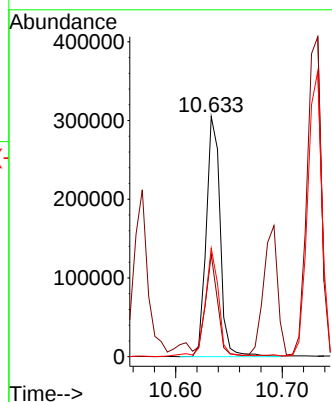
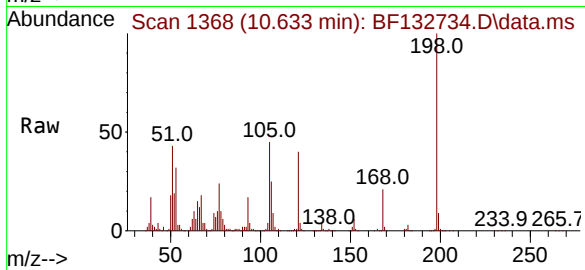




#65
4,6-Dinitro-2-methylphenol
Concen: 42.137 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

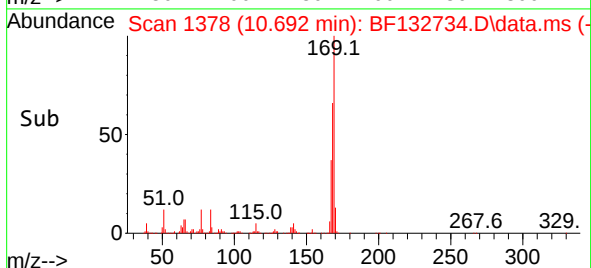
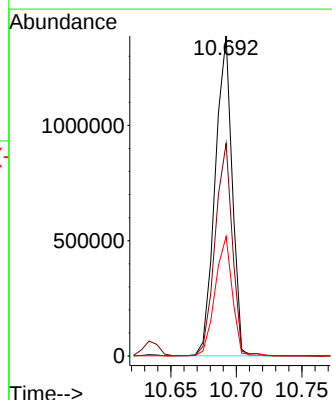
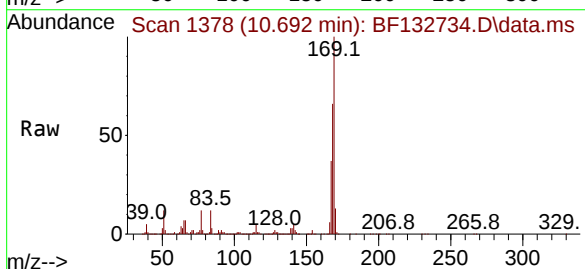
Instrument :
BNA_F
ClientSampleId :
PB151329BS

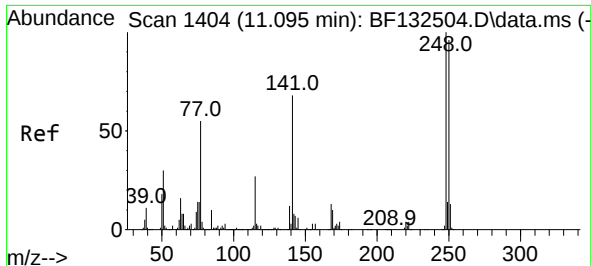
Tgt Ion:198 Resp: 278747
Ion Ratio Lower Upper
198 100
51 42.5 20.6 60.6
105 45.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.989 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:169 Resp: 1248752
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 37.4 29.6 44.4

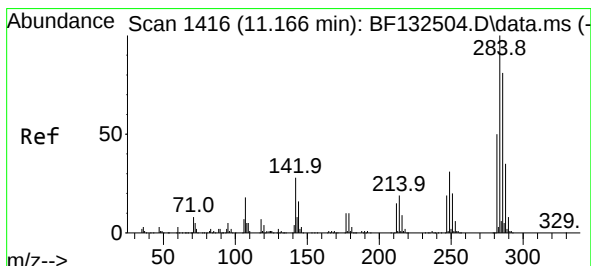
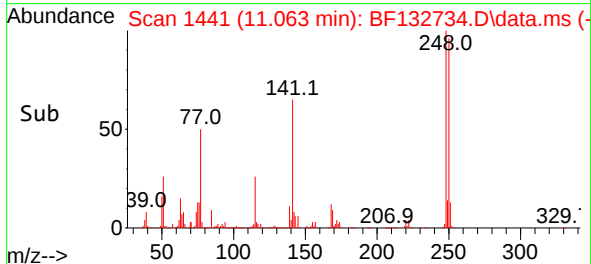
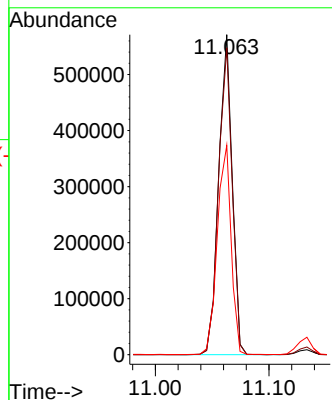
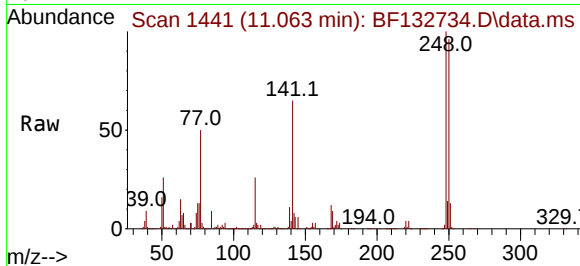




#67
4-Bromophenyl-phenylether
Concen: 42.834 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

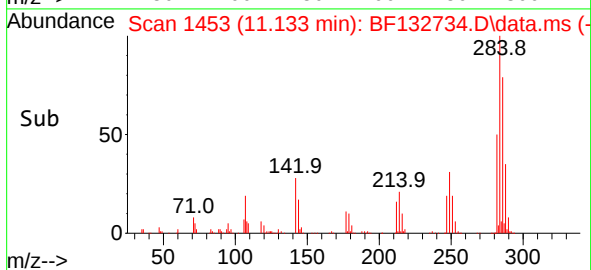
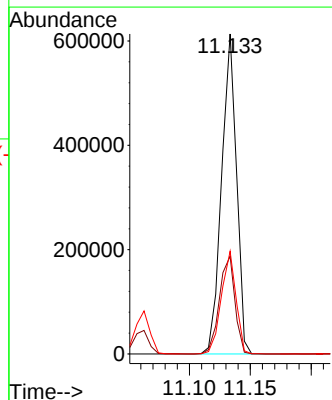
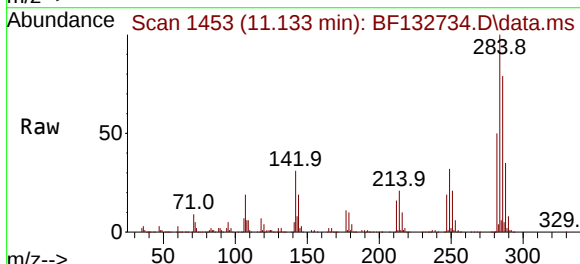
Instrument :
BNA_F
ClientSampleId :
PB151329BS

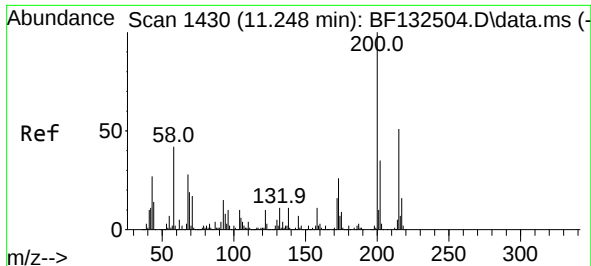
Tgt Ion:248 Resp: 473484
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 65.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.011 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:284 Resp: 523535
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 32.1 24.9 37.3

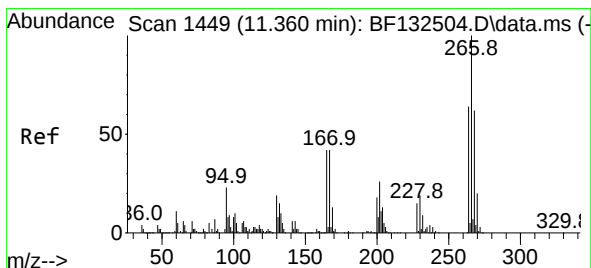
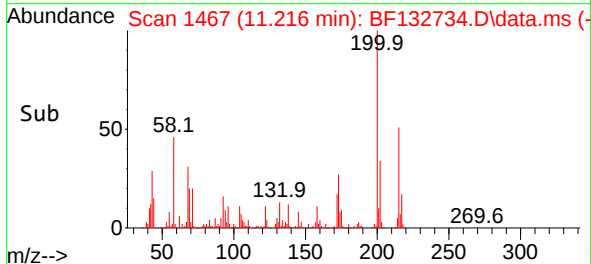
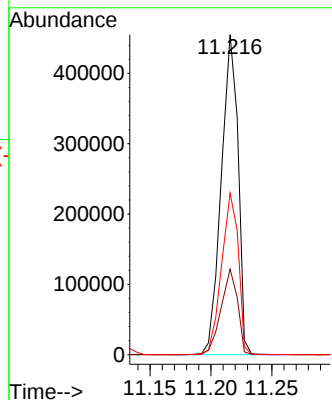
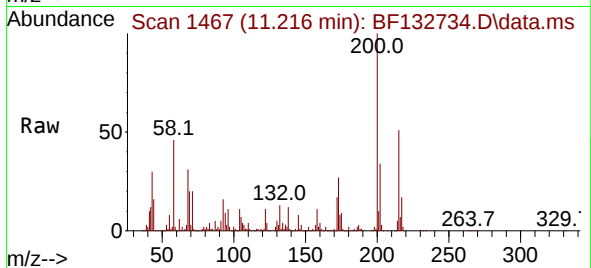




#69
Atrazine
Concen: 45.979 ng
RT: 11.216 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

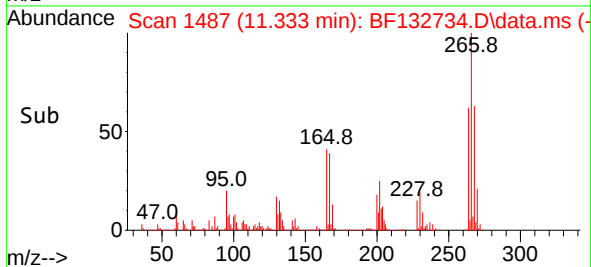
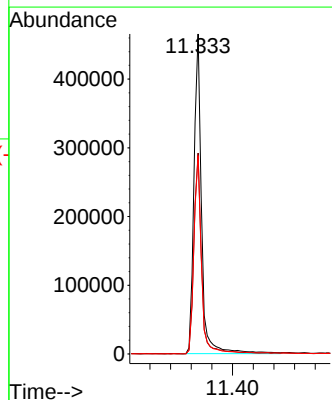
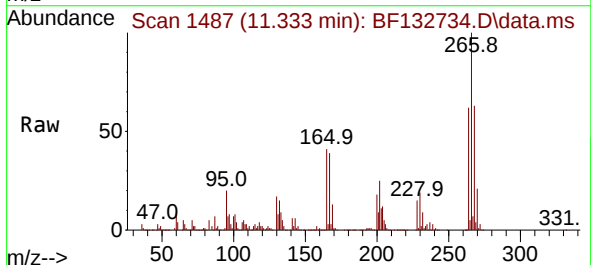
Instrument :
BNA_F
ClientSampleId :
PB151329BS

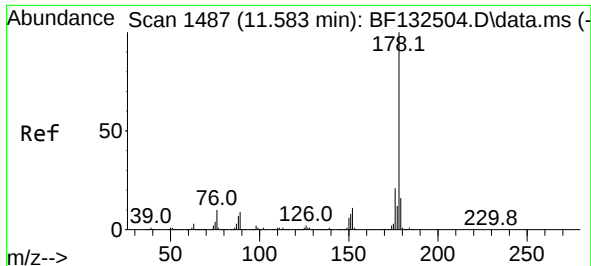
Tgt Ion:200 Resp: 437301
Ion Ratio Lower Upper
200 100
173 26.8 6.4 46.4
215 50.5 31.0 71.0



#70
Pentachlorophenol
Concen: 68.860 ng
RT: 11.333 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:266 Resp: 476523
Ion Ratio Lower Upper
266 100
268 62.8 49.8 74.6
264 62.0 50.9 76.3

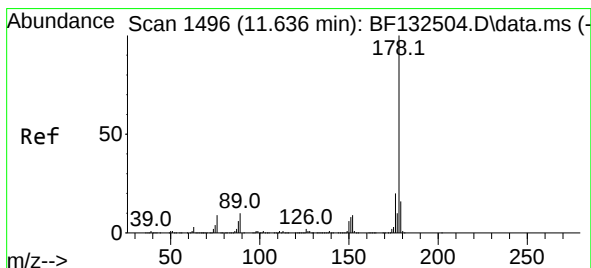
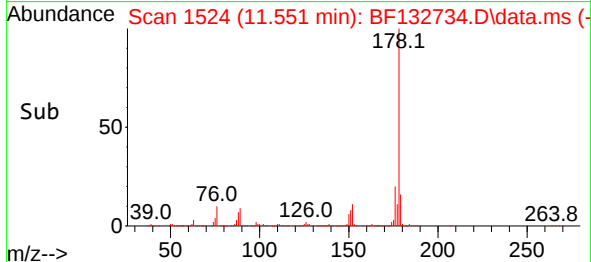
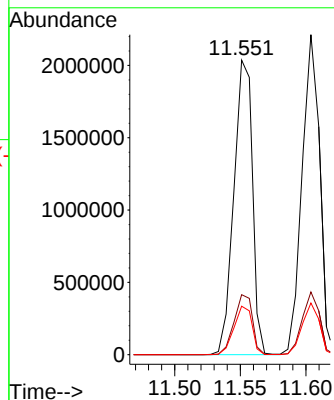
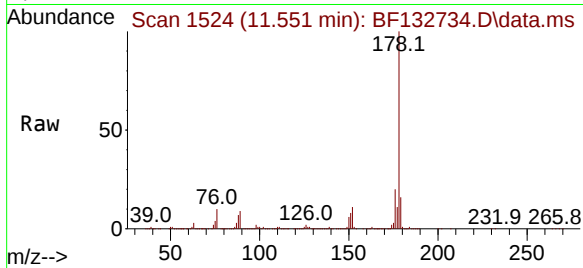




#71
Phenanthrene
Concen: 39.734 ng
RT: 11.551 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

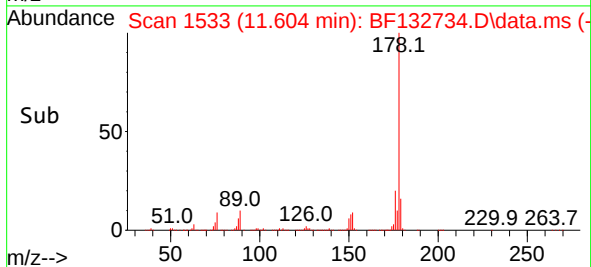
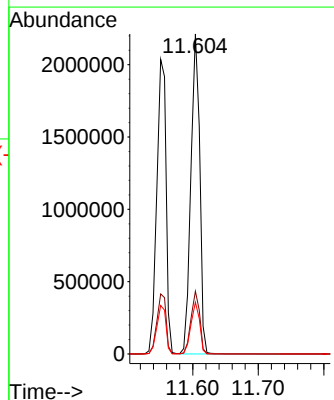
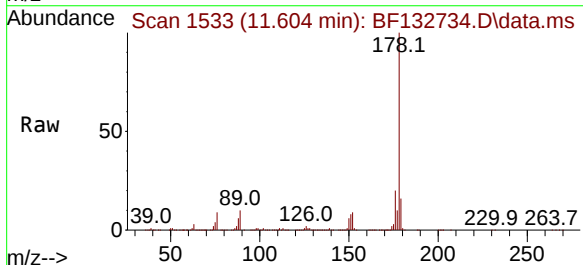
Instrument :
BNA_F
ClientSampleId :
PB151329BS

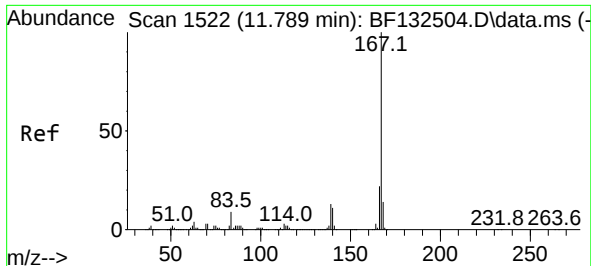
Tgt Ion:178 Resp: 2011525
Ion Ratio Lower Upper
178 100
176 20.4 16.5 24.7
179 16.5 13.0 19.6



#72
Anthracene
Concen: 39.769 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:178 Resp: 2073204
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.5 18.7

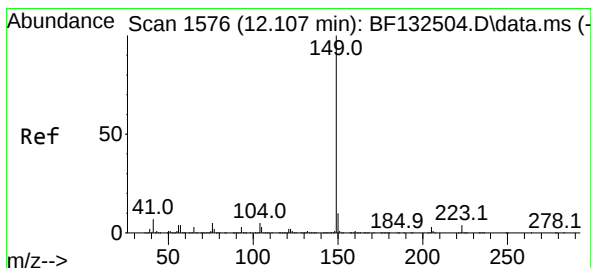
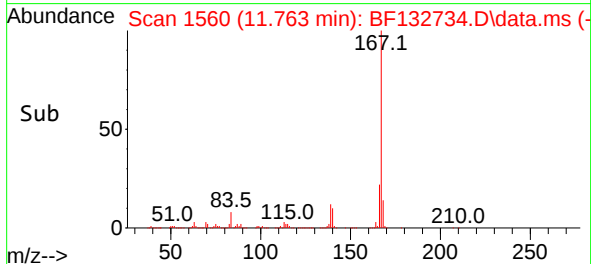
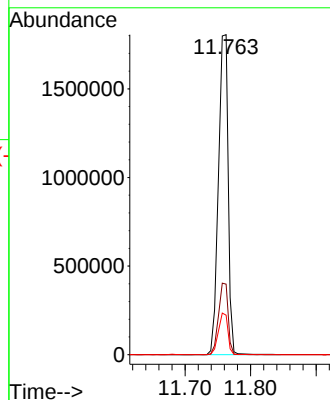
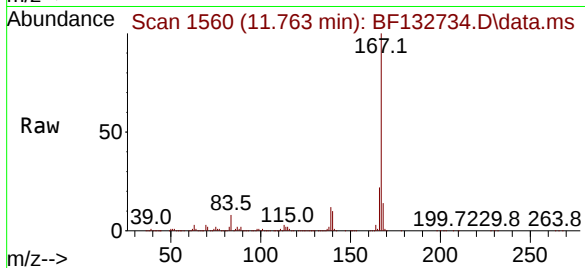




#73
 Carbazole
 Concen: 39.416 ng
 RT: 11.763 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

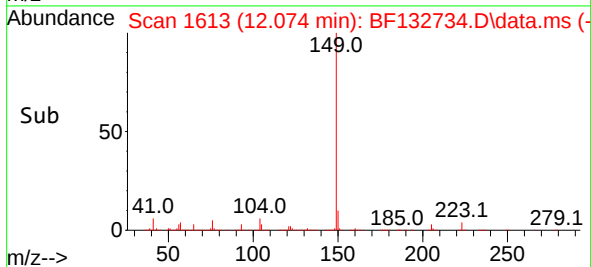
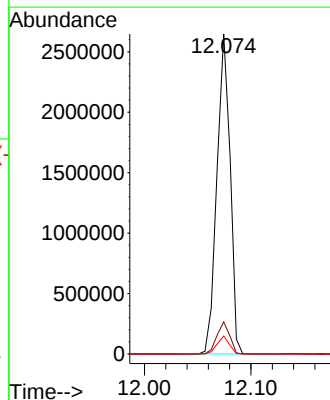
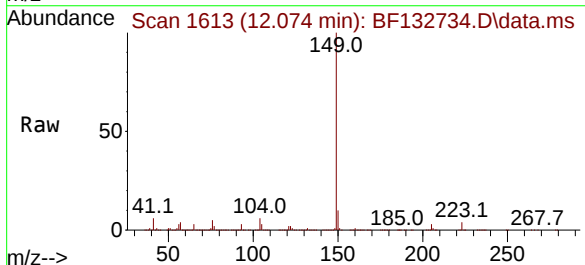
Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

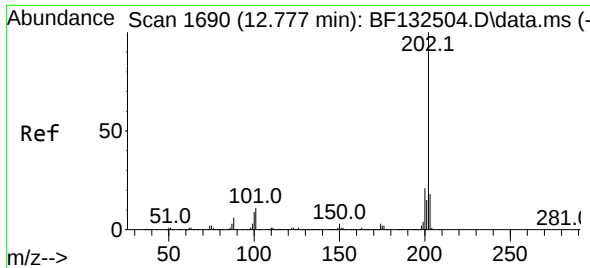
Tgt Ion:167 Resp: 1852651
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.030 ng
 RT: 12.074 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion:149 Resp: 2262134
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.6 4.3 6.5

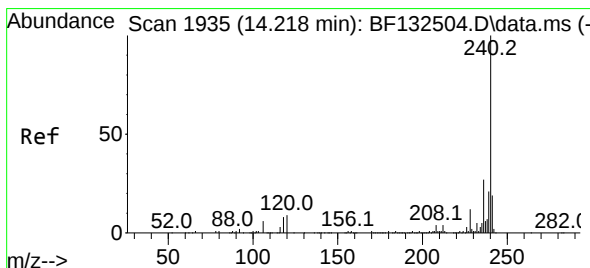
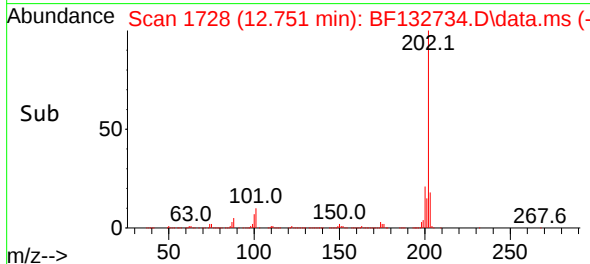
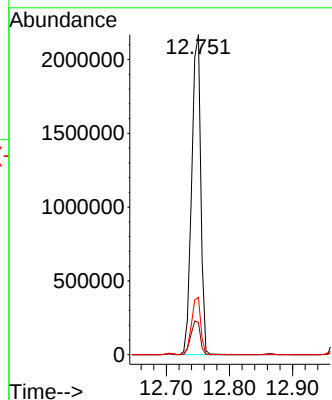
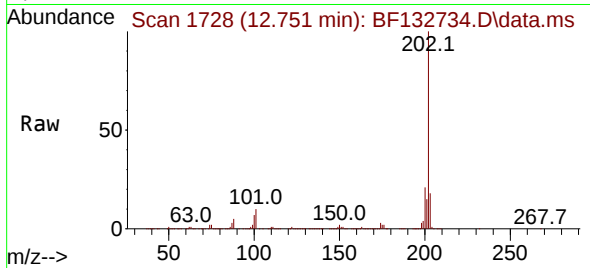




#75
Fluoranthene
Concen: 39.182 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

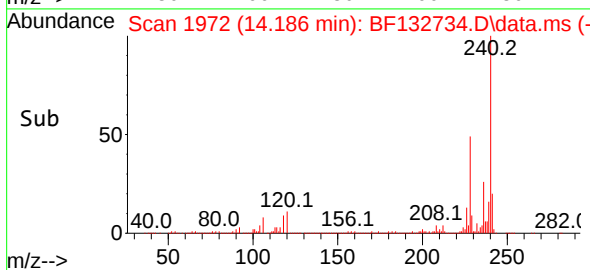
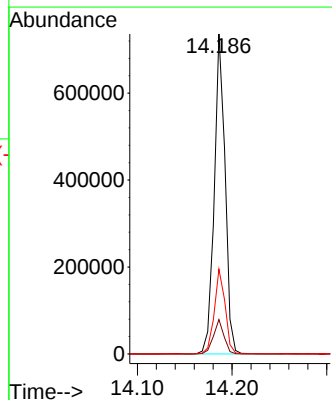
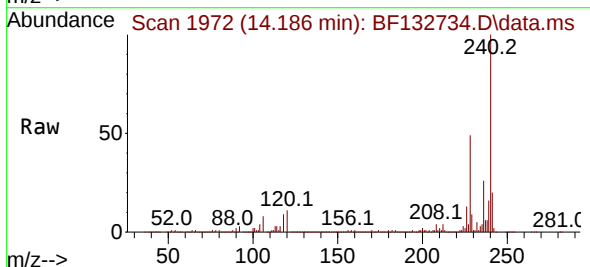
Instrument :
BNA_F
ClientSampleId :
PB151329BS

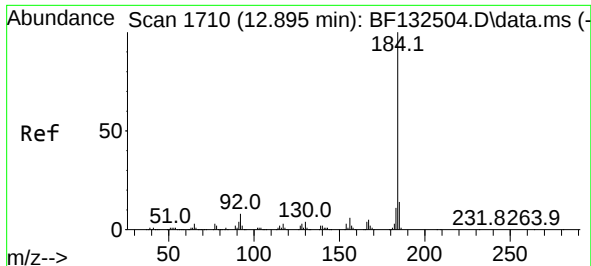
Tgt Ion:202 Resp: 2168471
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:240 Resp: 584805
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.5 21.8 32.6

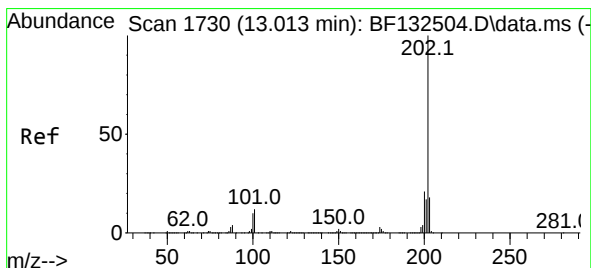
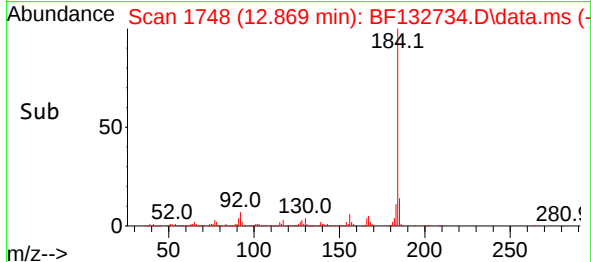
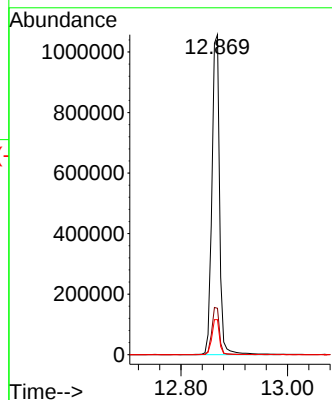
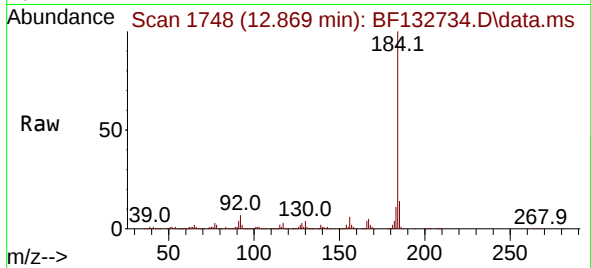




#77
Benzidine
Concen: 73.866 ng
RT: 12.869 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

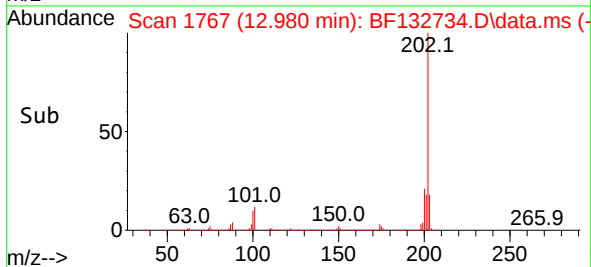
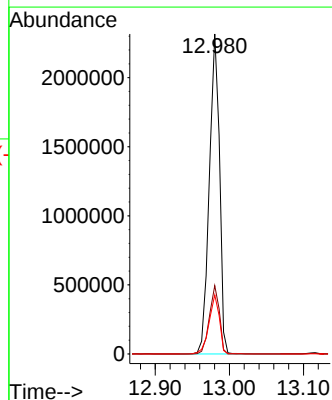
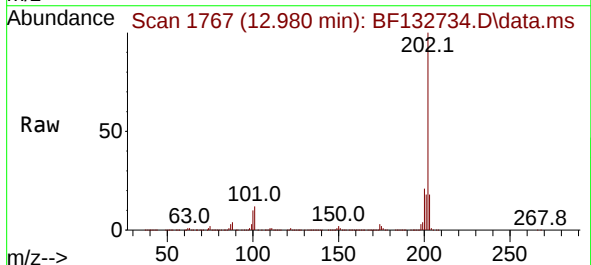
Instrument :
BNA_F
ClientSampleId :
PB151329BS

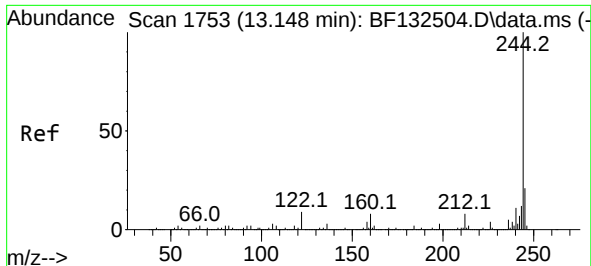
Tgt Ion:184 Resp: 1051543
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.0 8.7 13.1



#78
Pyrene
Concen: 41.632 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:202 Resp: 2213541
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.4 14.6 21.8

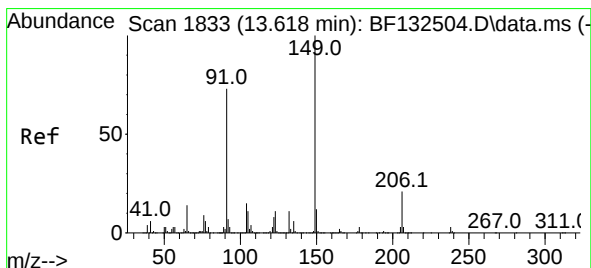
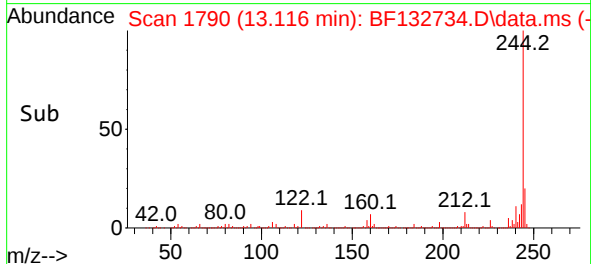
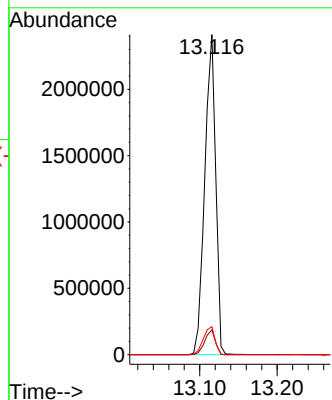
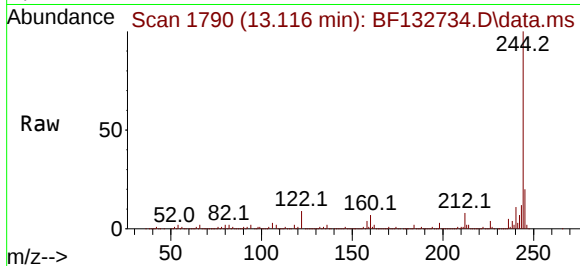




#79
 Terphenyl-d14
 Concen: 68.248 ng
 RT: 13.116 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

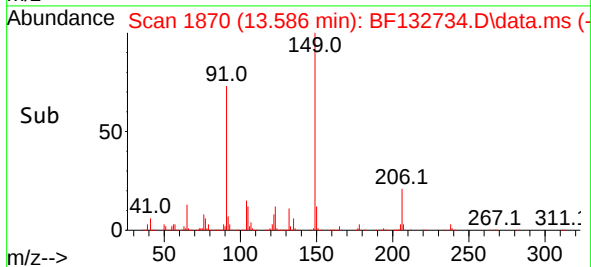
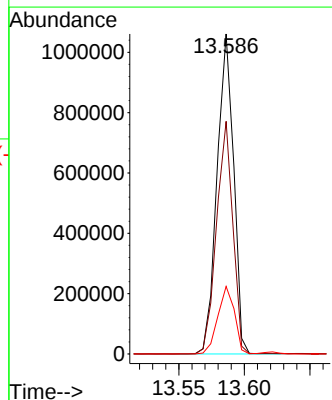
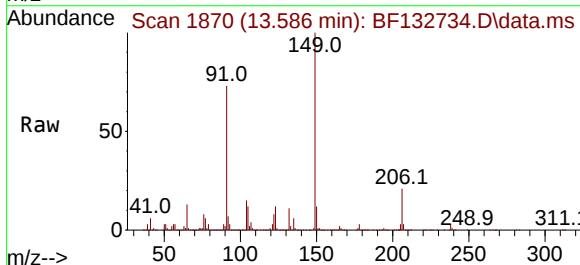
Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

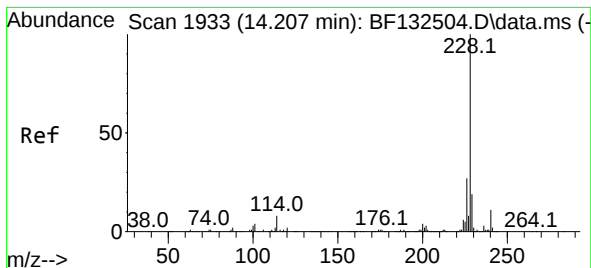
Tgt Ion:244 Resp: 2360603
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.8 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 44.468 ng
 RT: 13.586 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion:149 Resp: 933008
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.4 87.6
 206 21.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.923 ng

RT: 14.174 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

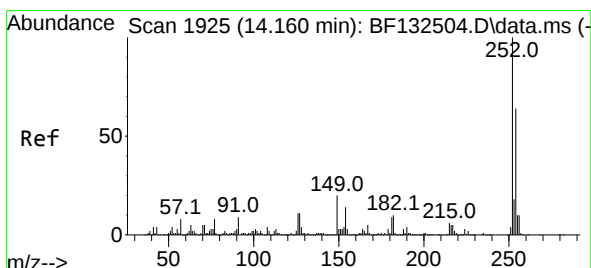
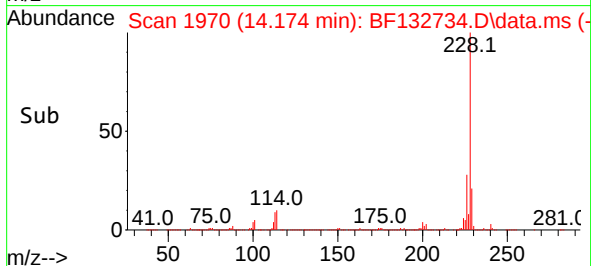
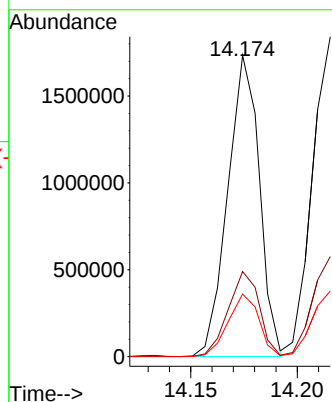
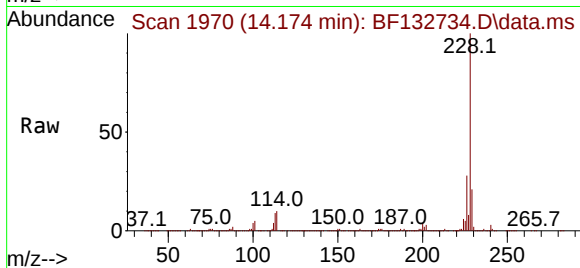
Tgt Ion:228 Resp: 1790629

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 20.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 26.653 ng

RT: 14.133 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

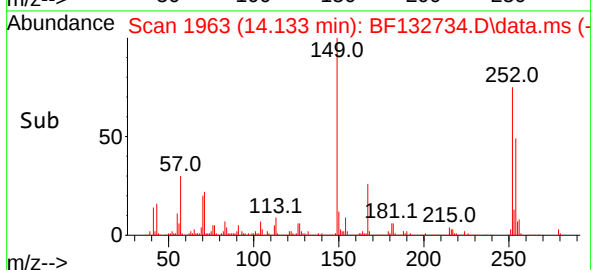
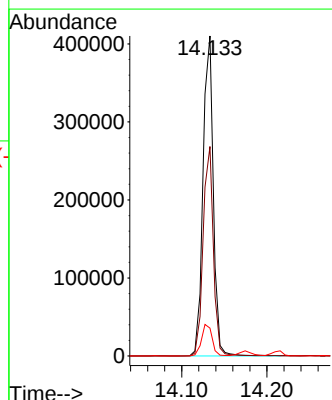
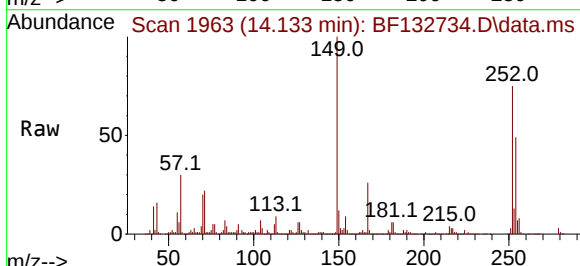
Tgt Ion:252 Resp: 343826

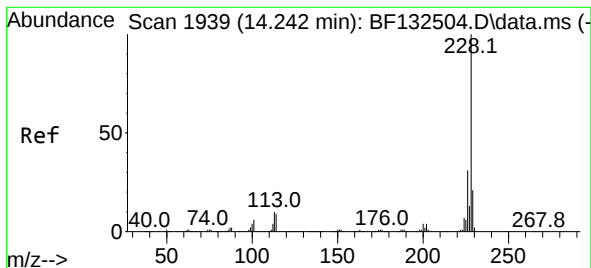
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 8.7 8.9 13.3#





#83

Chrysene

Concen: 40.676 ng

RT: 14.215 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

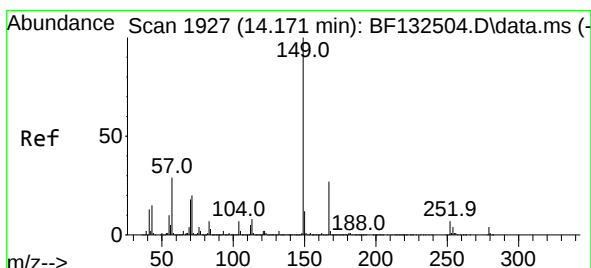
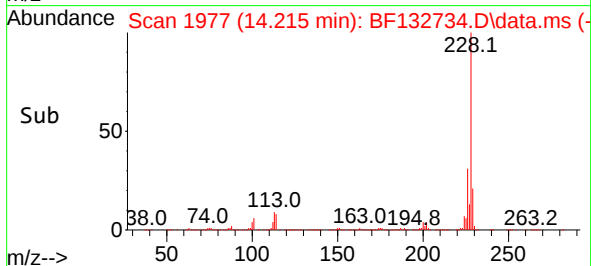
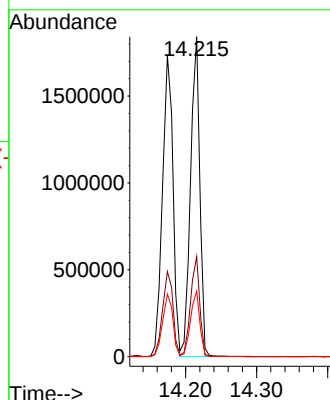
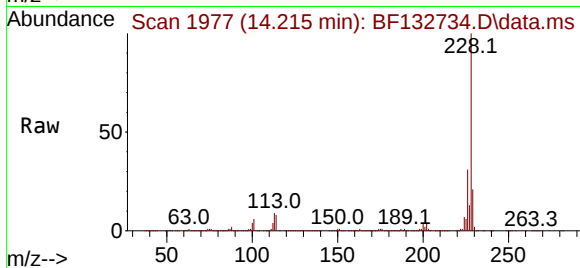
Tgt Ion:228 Resp: 1664384

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.366 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

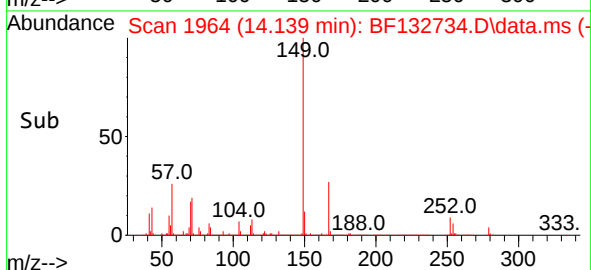
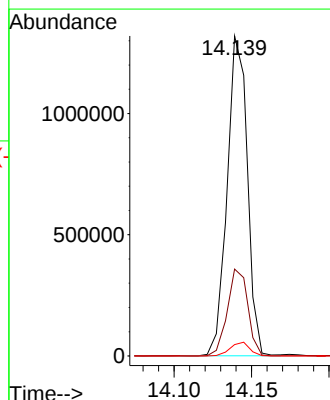
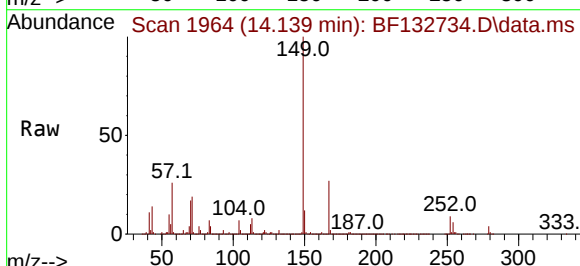
Tgt Ion:149 Resp: 1195076

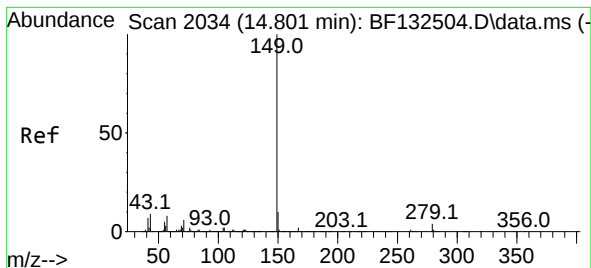
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.333 ng

RT: 14.763 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

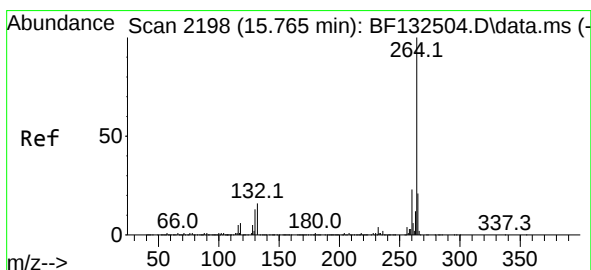
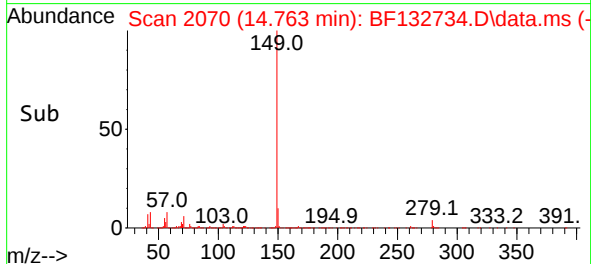
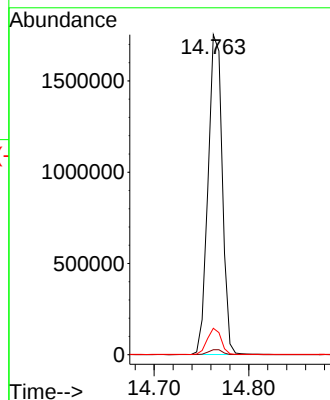
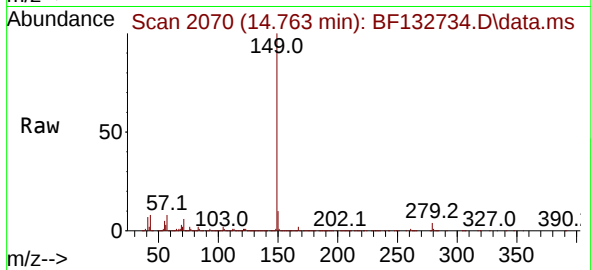
Tgt Ion:149 Resp: 1820471

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

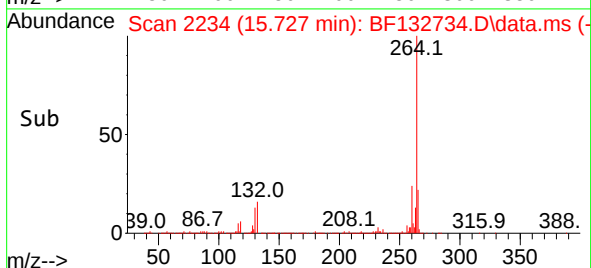
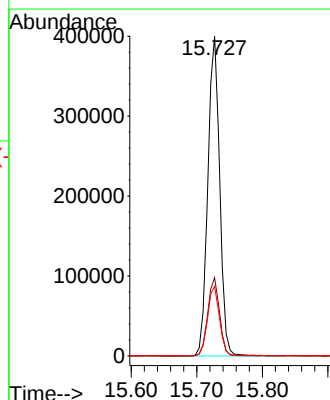
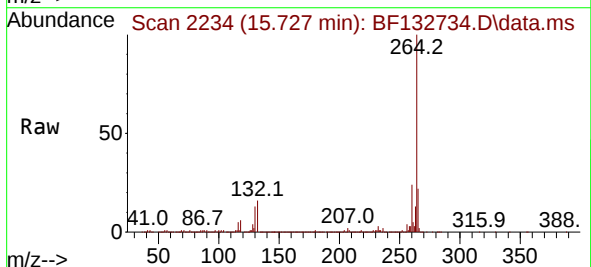
Tgt Ion:264 Resp: 503227

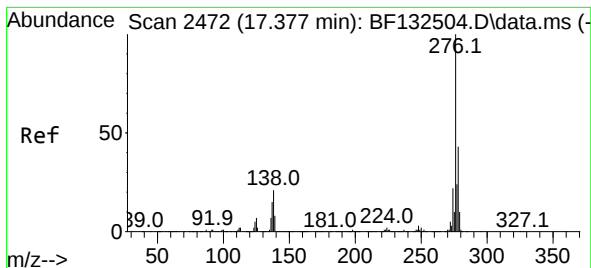
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.166 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

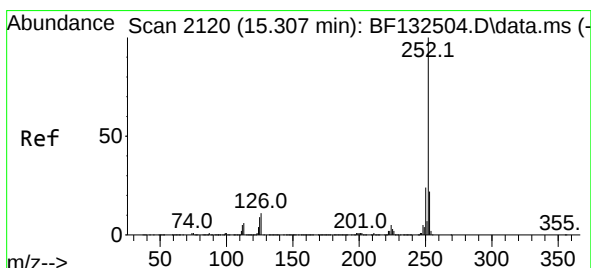
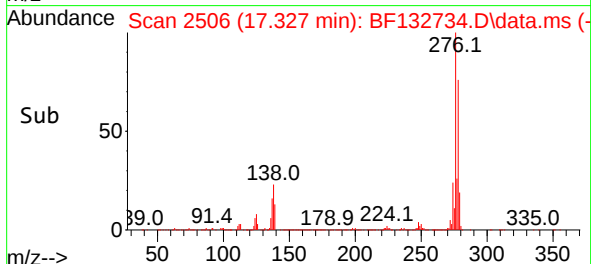
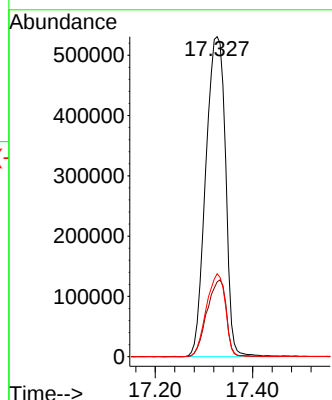
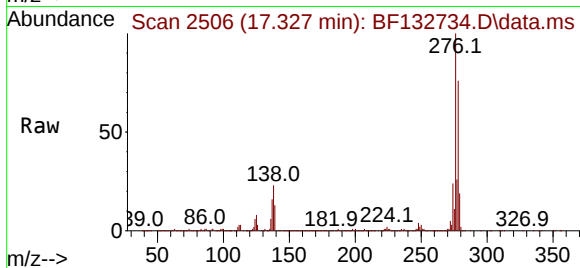
Tgt Ion:276 Resp: 1489297

Ion Ratio Lower Upper

276 100

138 23.4 19.0 28.4

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.464 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

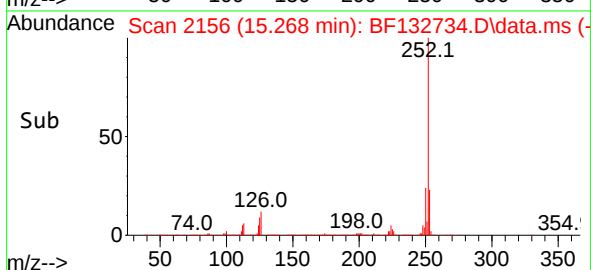
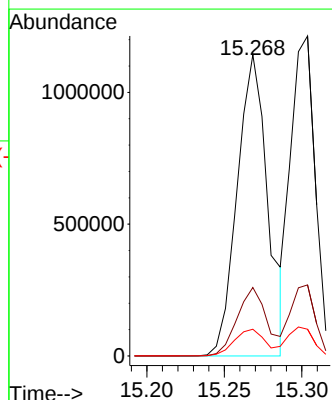
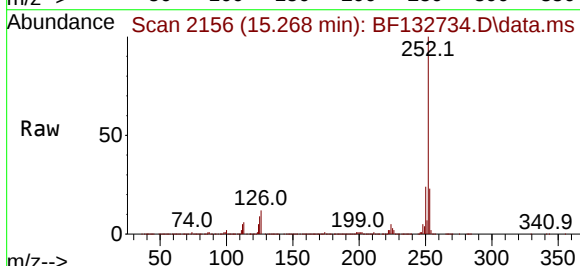
Tgt Ion:252 Resp: 1566932

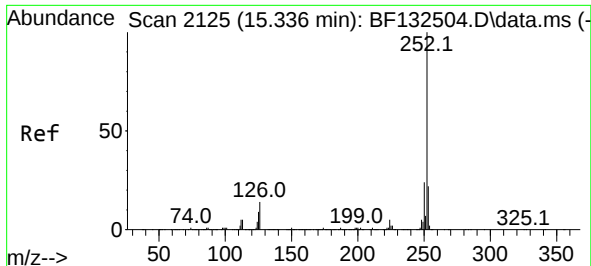
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 8.9 7.0 10.6

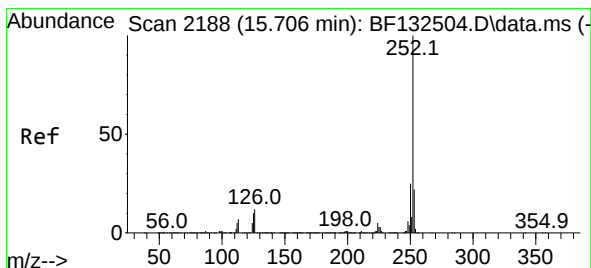
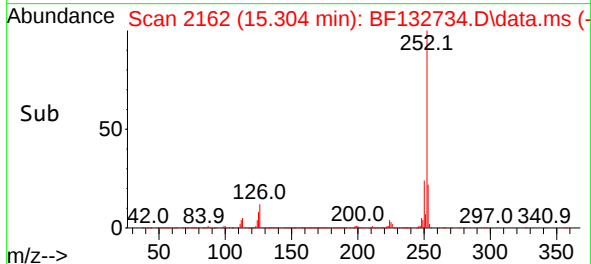
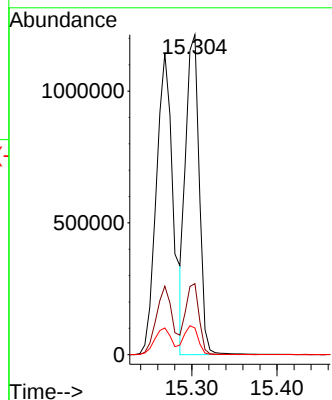
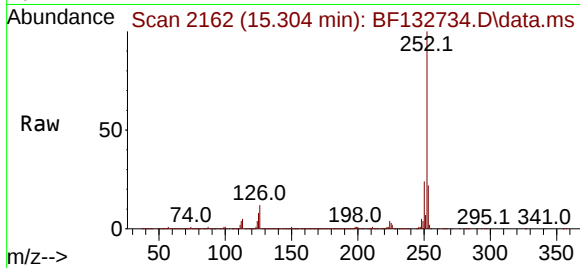




#89
Benzo(k)fluoranthene
Concen: 40.560 ng
RT: 15.304 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

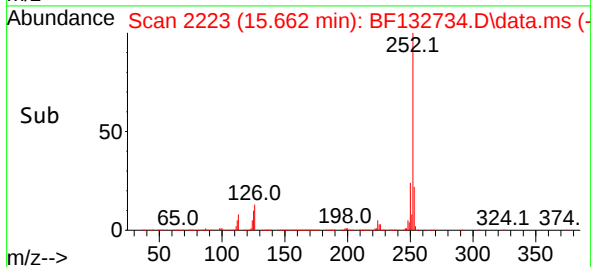
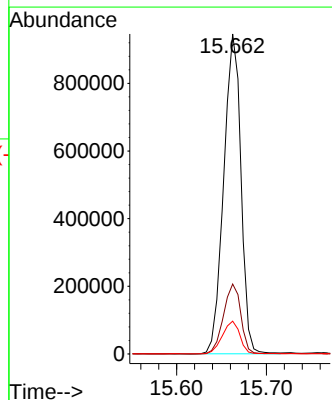
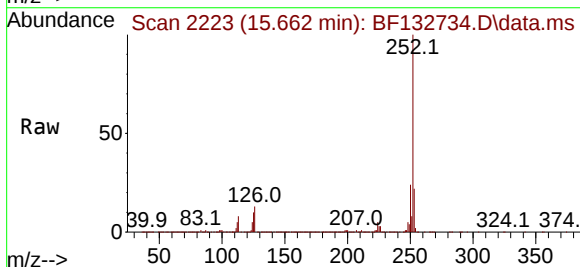
Instrument :
BNA_F
ClientSampleId :
PB151329BS

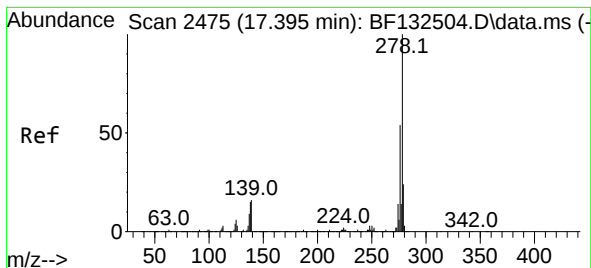
Tgt Ion:252 Resp: 1338705
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 39.934 ng
RT: 15.662 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:252 Resp: 1260420
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 44.915 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

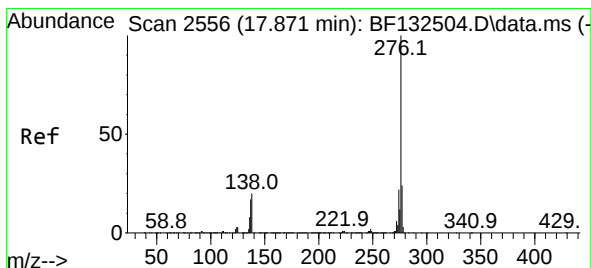
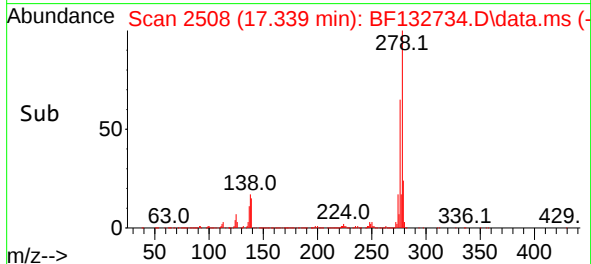
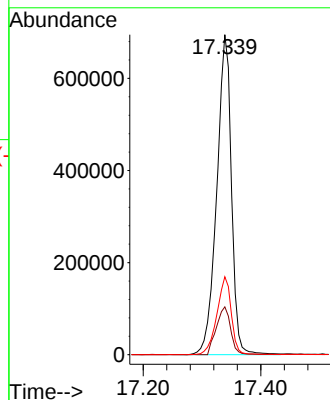
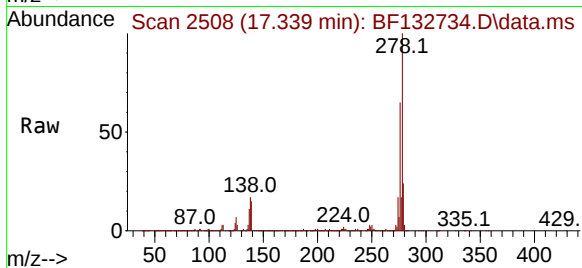
Tgt Ion:278 Resp: 1206689

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.163 ng

RT: 17.809 min Scan# 2588

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Tgt Ion:276 Resp: 1211128

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 20.9 16.2 24.4

