

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132757.D
 Acq On : 13 Mar 2023 13:04
 Operator : CG\JU
 Sample : PB151350BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BSD

Quant Time: Mar 14 01:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	235673	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	831261	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	427447	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	789011	20.000	ng	0.00
76) Chrysene-d12	14.168	240	497292	20.000	ng	0.00
86) Perylene-d12	15.704	264	477532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1358365	93.544	ng	0.02
7) Phenol-d6	6.610	99	1776713	93.751	ng	0.00
23) Nitrobenzene-d5	7.539	82	1156060	65.982	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	468176	101.419	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1894719	67.494	ng	0.00
79) Terphenyl-d14	13.098	244	2058599	69.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	323074	40.221	ng	96
3) Pyridine	3.681	79	823248	38.611	ng	92
4) n-Nitrosodimethylamine	3.651	42	313377	38.911	ng	84
6) Aniline	6.639	93	895356	35.107	ng	96
8) 2-Chlorophenol	6.763	128	683472	45.350	ng	98
9) Benzaldehyde	6.522	77	363873	35.583	ng	99
10) Phenol	6.628	94	911506	41.952	ng	94
11) bis(2-Chloroethyl)ether	6.710	93	753613	44.930	ng	94
12) 1,3-Dichlorobenzene	6.916	146	754101	46.627	ng	97
13) 1,4-Dichlorobenzene	6.992	146	751000	46.504	ng	99
14) 1,2-Dichlorobenzene	7.145	146	687191	44.339	ng	98
15) Benzyl Alcohol	7.116	79	621588	42.588	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.245	45	916818	42.864	ng	96
17) 2-Methylphenol	7.228	107	586386	41.690	ng	97
18) Hexachloroethane	7.481	117	299409	47.456	ng	99
19) n-Nitroso-di-n-propyla...	7.386	70	456995	39.182	ng	94
20) 3+4-Methylphenols	7.381	107	637959	35.107	ng	99
22) Acetophenone	7.381	105	894884	42.693	ng	95
24) Nitrobenzene	7.563	77	809537	43.203	ng	99
25) Isophorone	7.798	82	1514330	45.081	ng	99
26) 2-Nitrophenol	7.875	139	397759	48.111	ng	97
27) 2,4-Dimethylphenol	7.910	122	606074	46.447	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	915628	46.596	ng	100
29) 2,4-Dichlorophenol	8.122	162	601431	46.335	ng	99
30) 1,2,4-Trichlorobenzene	8.198	180	678812	48.161	ng	99
31) Naphthalene	8.281	128	1867255	43.878	ng	99
32) Benzoic acid	8.045	122	375641	37.448	ng	94
33) 4-Chloroaniline	8.328	127	343893	18.858	ng	94
34) Hexachlorobutadiene	8.392	225	431599	48.189	ng	99
35) Caprolactam	8.716	113	144717	33.818	ng	98
36) 4-Chloro-3-methylphenol	8.816	107	644225	45.193	ng	95
37) 2-Methylnaphthalene	8.975	142	1242474	42.843	ng	100
38) 1-Methylnaphthalene	9.075	142	1147157	42.326	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	679026	48.554	ng	100
41) Hexachlorocyclopentadiene	9.122	237	772163	101.796	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	444670	46.918	ng	98

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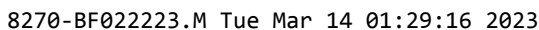
Instrument :
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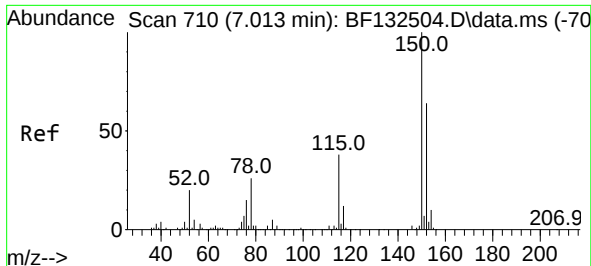
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	471130	42.591	ng	99
46) 1,1'-Biphenyl	9.439	154	1475983	45.621	ng	98
47) 2-Chloronaphthalene	9.463	162	1201008	46.822	ng	100
48) 2-Nitroaniline	9.563	65	382024	40.438	ng	92
49) Acenaphthylene	9.880	152	1759731	43.106	ng	99
50) Dimethylphthalate	9.733	163	1408251	45.247	ng	100
51) 2,6-Dinitrotoluene	9.804	165	313721	44.261	ng	92
52) Acenaphthene	10.057	154	1032701	39.838	ng	100
53) 3-Nitroaniline	9.975	138	223212	28.152	ng	98
54) 2,4-Dinitrophenol	10.086	184	335884	75.309	ng	99
55) Dibenzofuran	10.227	168	1607496	42.537	ng	99
56) 4-Nitrophenol	10.145	139	421436	71.272	ng	95
57) 2,4-Dinitrotoluene	10.210	165	407465	43.211	ng	99
58) Fluorene	10.569	166	1251997	43.312	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	371711	45.237	ng	98
60) Diethylphthalate	10.433	149	1330688	43.777	ng	99
61) 4-Chlorophenyl-phenyle...	10.557	204	672391	44.839	ng	96
62) 4-Nitroaniline	10.598	138	312456	40.146	ng	95
63) Azobenzene	10.722	77	1352393	42.010	ng	97
65) 4,6-Dinitro-2-methylph...	10.622	198	235304	44.054	ng	98
66) n-Nitrosodiphenylamine	10.680	169	1095927	44.554	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	425866	47.716	ng	97
68) Hexachlorobenzene	11.122	284	473373	50.406	ng	97
69) Atrazine	11.204	200	390059	50.794	ng	99
70) Pentachlorophenol	11.322	266	420198	75.205	ng	98
71) Phenanthrene	11.539	178	1798358	43.997	ng	99
72) Anthracene	11.592	178	1840028	43.715	ng	99
73) Carbazole	11.745	167	1610937	42.449	ng	100
74) Di-n-butylphthalate	12.063	149	2049671	46.044	ng	99
75) Fluoranthene	12.733	202	1919597	42.959	ng	98
77) Benzidine	12.851	184	876734	72.424	ng	99
78) Pyrene	12.968	202	1925054	42.578	ng	100
80) Butylbenzylphthalate	13.568	149	854838	47.912	ng	100
81) Benzo(a)anthracene	14.157	228	1680936	45.176	ng	98
82) 3,3'-Dichlorobenzidine	14.115	252	321667	29.323	ng	# 98
83) Chrysene	14.198	228	1567812	45.059	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	1152029	52.562	ng	99
85) Di-n-octyl phthalate	14.745	149	1900944	59.352	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1441121	46.057	ng	99
88) Benzo(b)fluoranthene	15.245	252	1561454	48.793	ng	97
89) Benzo(k)fluoranthene	15.280	252	1352918	43.197	ng	99
90) Benzo(a)pyrene	15.639	252	1292623	43.158	ng	100
91) Dibenzo(a,h)anthracene	17.303	278	1175115	46.094	ng	97
92) Benzo(g,h,i)perylene	17.774	276	1186915	41.425	ng	99

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

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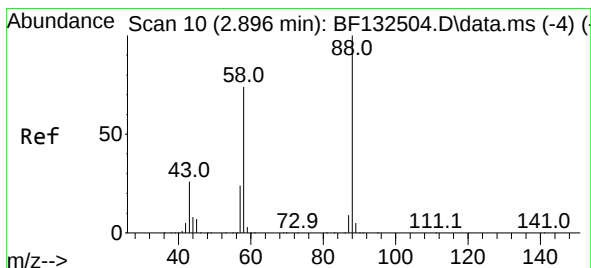
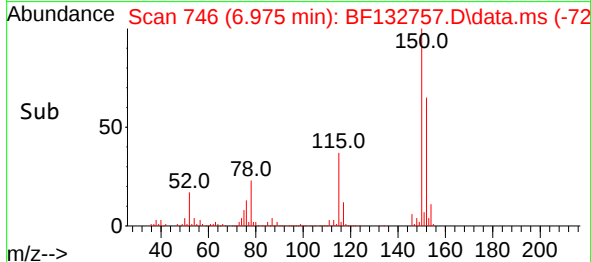
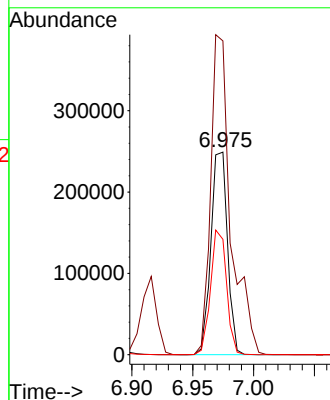
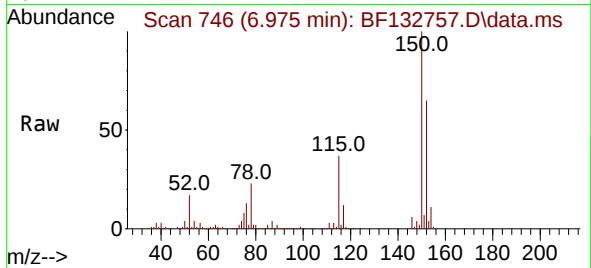




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

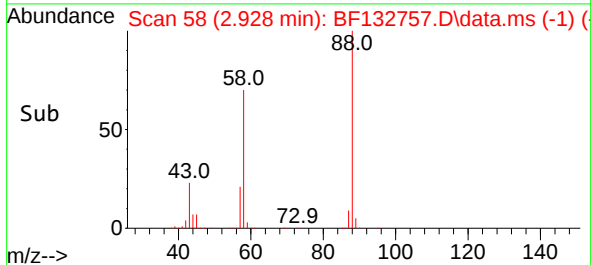
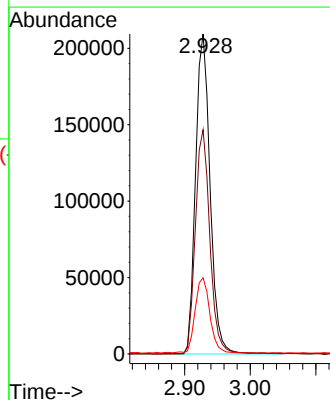
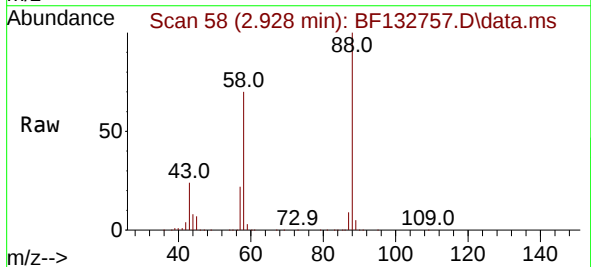
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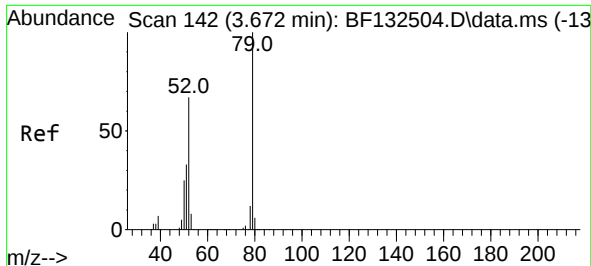
Tgt Ion:152 Resp: 235673
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 57.0 47.8 71.6



#2
1,4-Dioxane
Concen: 40.221 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.106 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 88 Resp: 323074
Ion Ratio Lower Upper
88 100
58 69.9 58.3 87.5
43 23.8 20.7 31.1

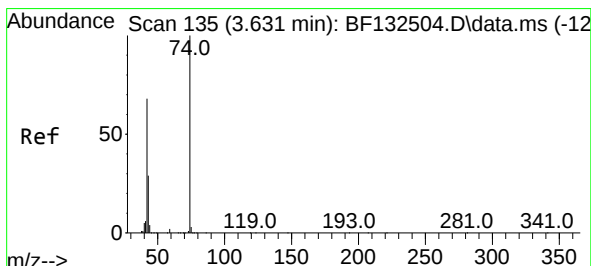
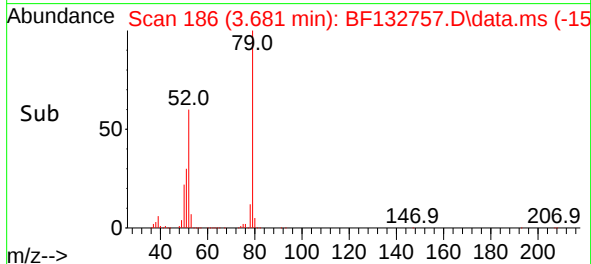
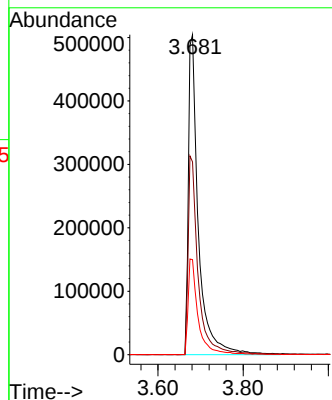
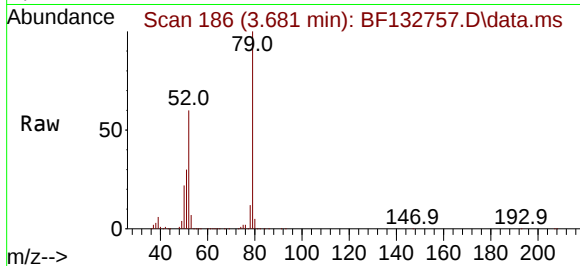




#3
 Pyridine
 Concen: 38.611 ng
 RT: 3.681 min Scan# 186
 Delta R.T. 0.076 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

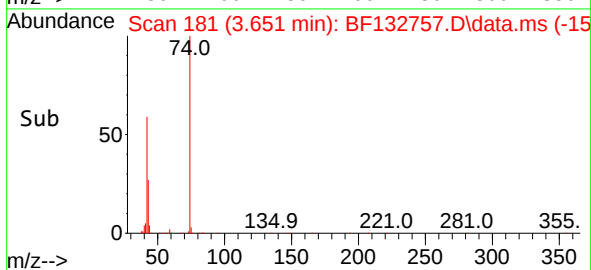
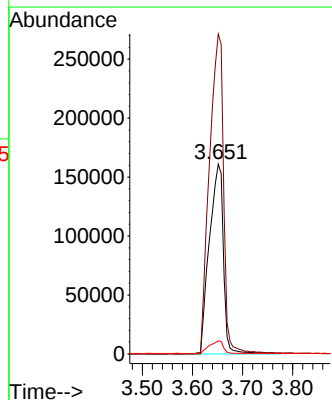
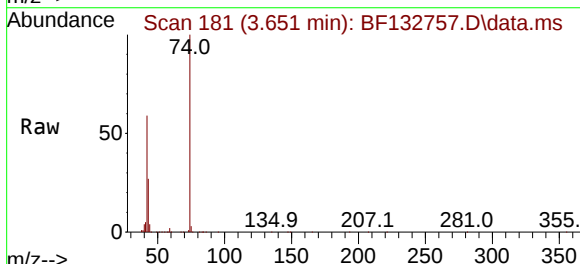
Instrument :
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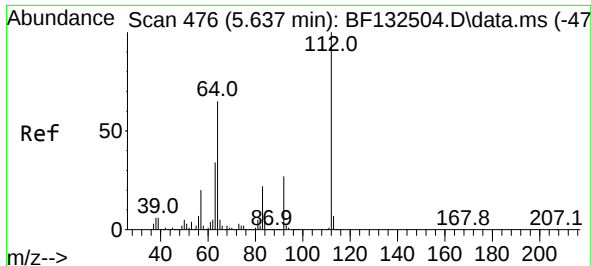
Tgt Ion: 79 Resp: 823248
 Ion Ratio Lower Upper
 79 100
 52 60.3 53.7 80.5
 51 29.7 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 38.911 ng
 RT: 3.651 min Scan# 181
 Delta R.T. 0.076 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

Tgt Ion: 42 Resp: 313377
 Ion Ratio Lower Upper
 42 100
 74 168.5 118.2 177.2
 44 6.9 5.3 7.9

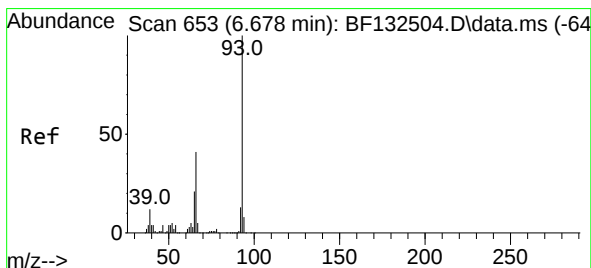
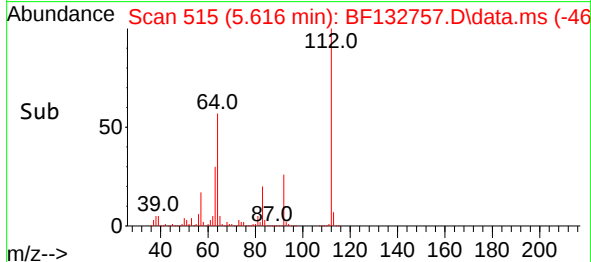
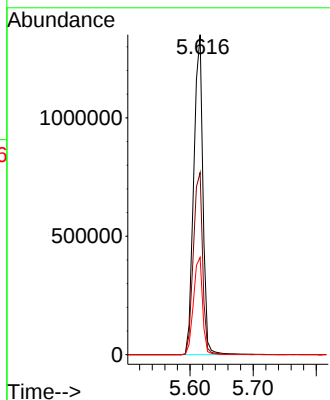
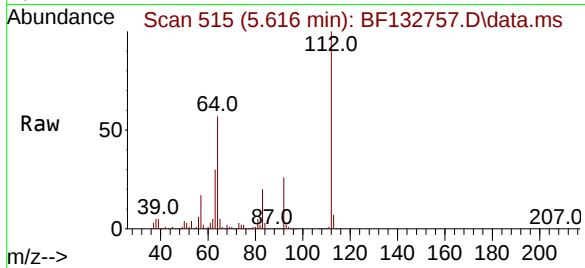




#5
2-Fluorophenol
Concen: 93.544 ng
RT: 5.616 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

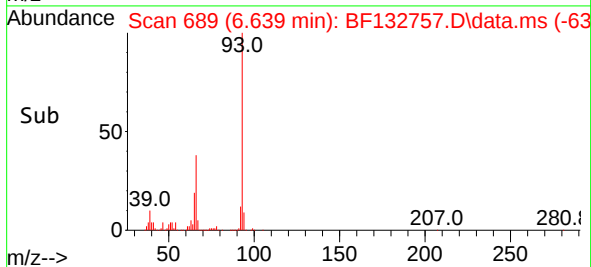
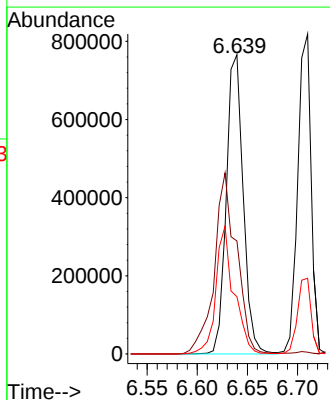
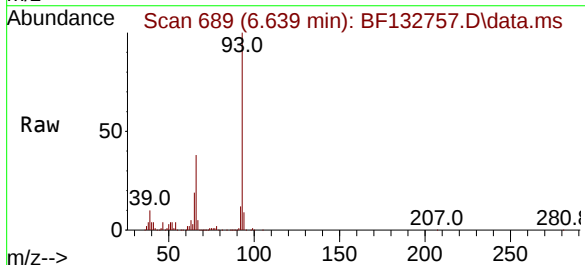
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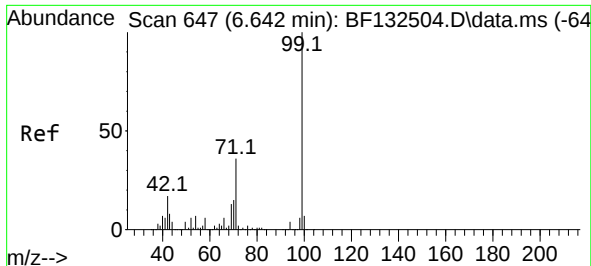
Tgt Ion:112 Resp: 1358365
Ion Ratio Lower Upper
112 100
64 56.9 51.6 77.4
63 30.4 27.4 41.2



#6
Aniline
Concen: 35.107 ng
RT: 6.639 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 93 Resp: 895356
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 19.1 16.6 24.8

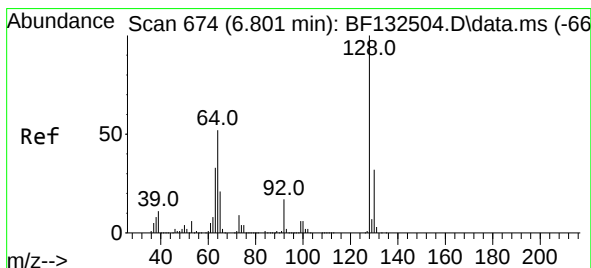
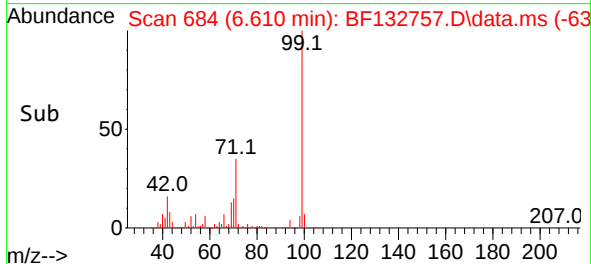
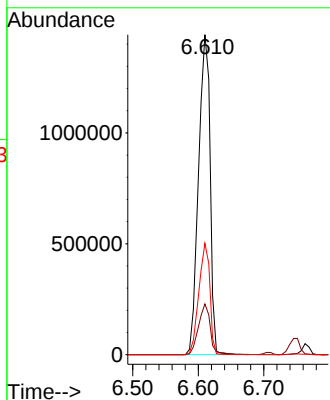
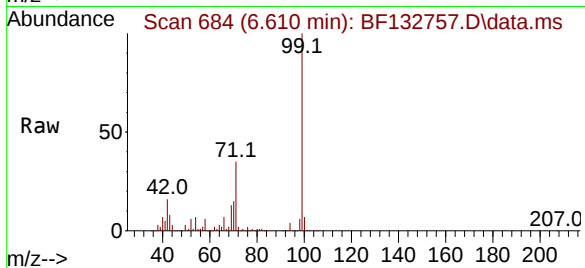




#7
Phenol-d6
Concen: 93.751 ng
RT: 6.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

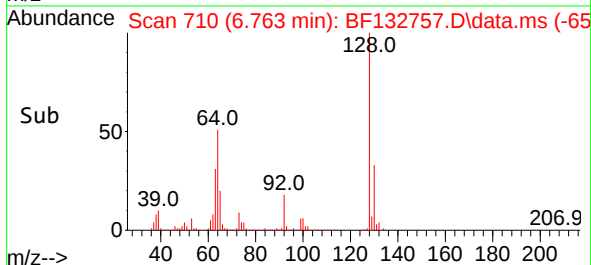
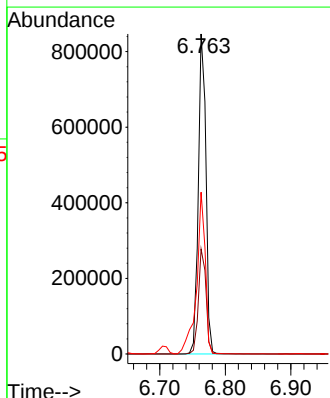
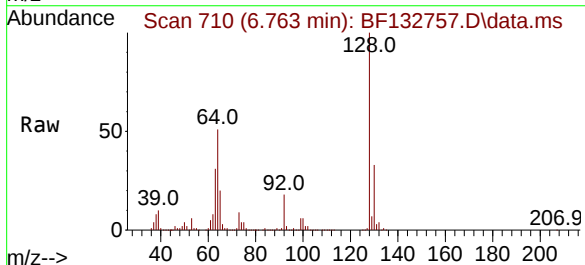
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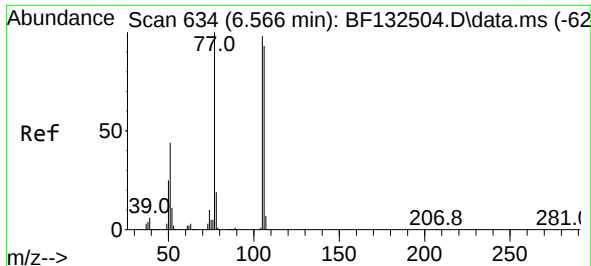
Tgt Ion: 99 Resp: 1776713
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.8 28.5 42.7



#8
2-Chlorophenol
Concen: 45.350 ng
RT: 6.763 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:128 Resp: 683472
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 50.5 32.0 72.0

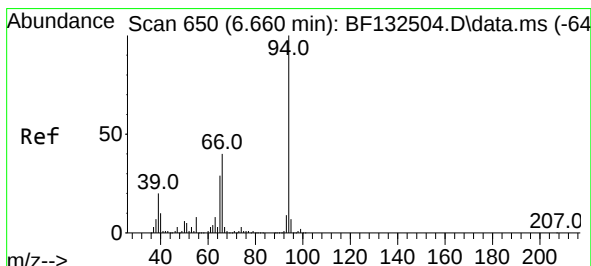
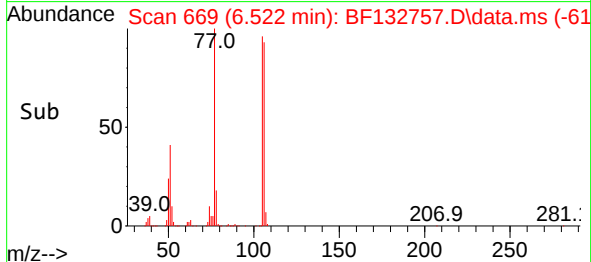
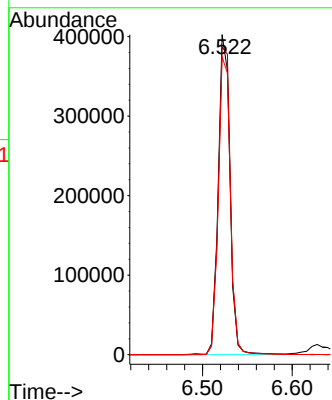
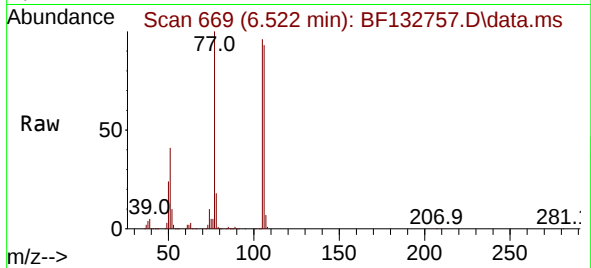




#9
Benzaldehyde
Concen: 35.583 ng
RT: 6.522 min Scan# 610
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

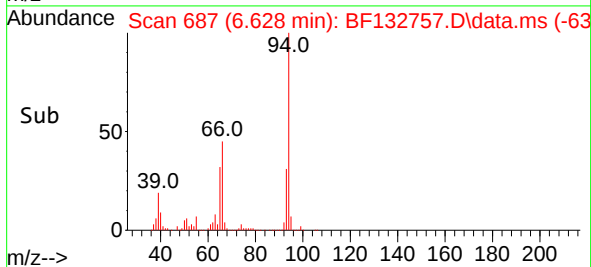
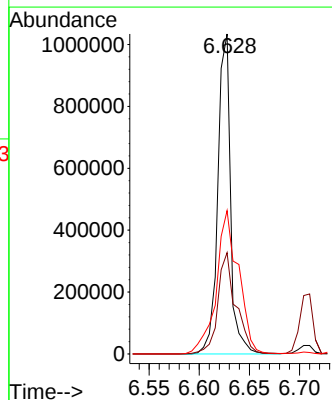
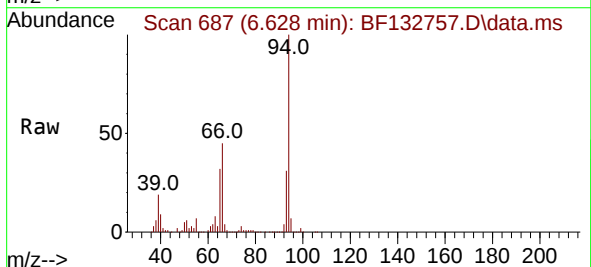
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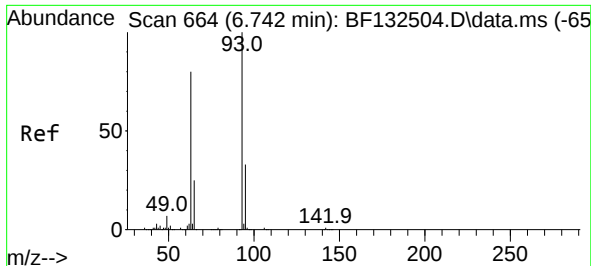
Tgt Ion: 77 Resp: 363873
Ion Ratio Lower Upper
77 100
105 96.1 77.9 117.9
106 93.0 73.4 113.4



#10
Phenol
Concen: 41.952 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 94 Resp: 911506
Ion Ratio Lower Upper
94 100
65 31.7 9.4 49.4
66 44.8 19.8 59.8

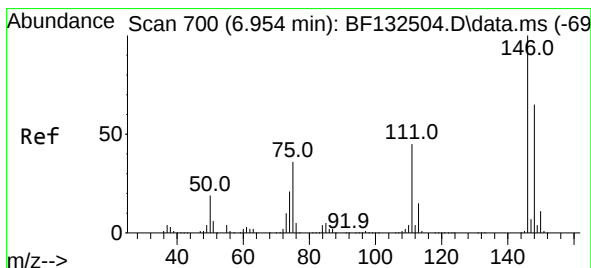
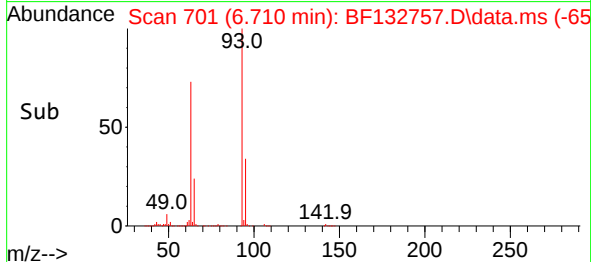
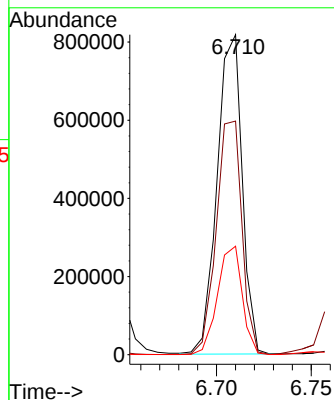
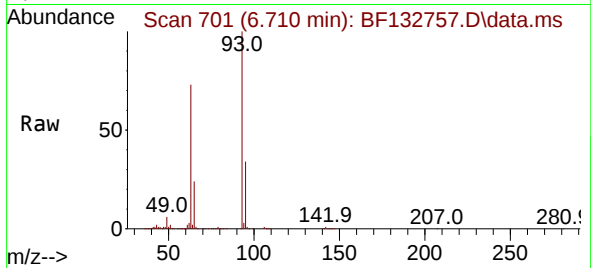




#11
bis(2-Chloroethyl)ether
Concen: 44.930 ng
RT: 6.710 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

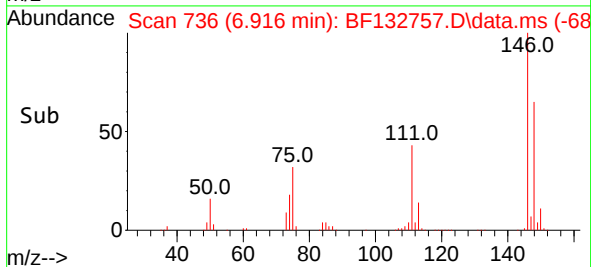
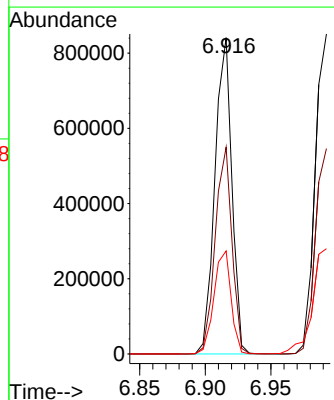
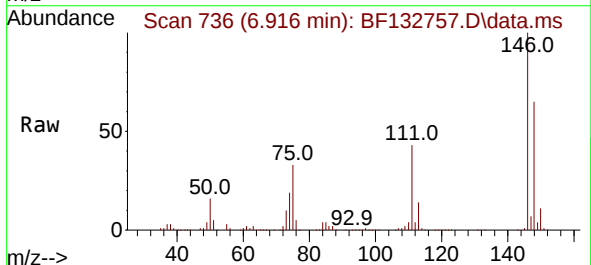
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

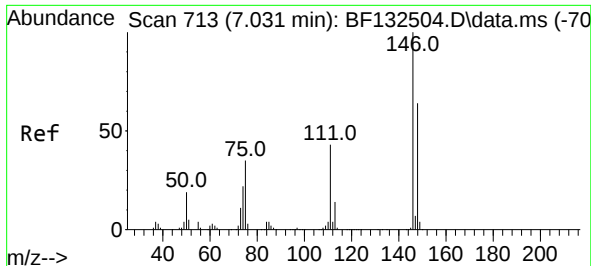
Tgt Ion: 93 Resp: 753613
Ion Ratio Lower Upper
93 100
63 73.0 59.6 99.6
95 33.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.627 ng
RT: 6.916 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:146 Resp: 754101
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 32.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.504 ng

RT: 6.992 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

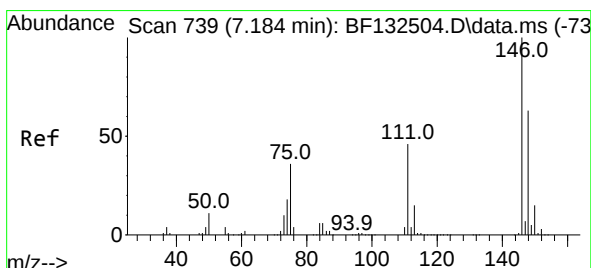
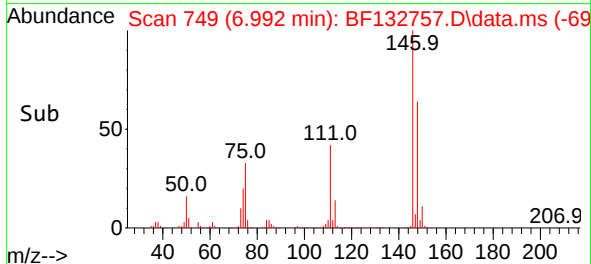
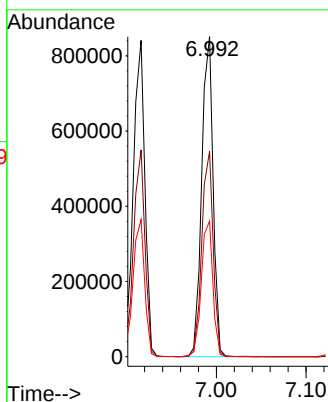
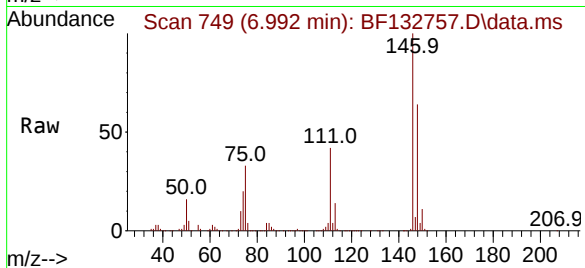
Tgt Ion:146 Resp: 751000

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 42.4 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 44.339 ng

RT: 7.145 min Scan# 775

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

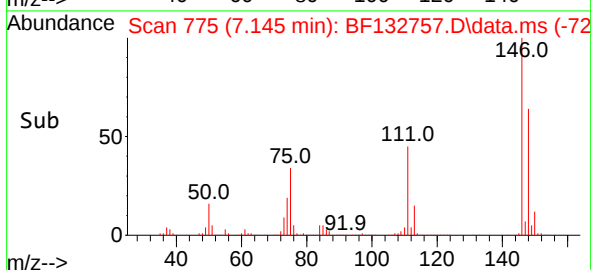
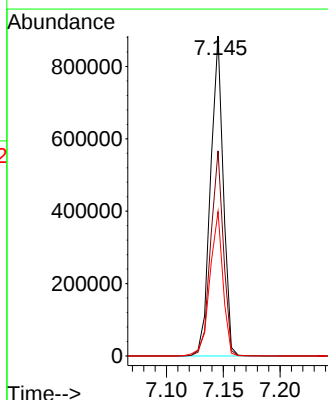
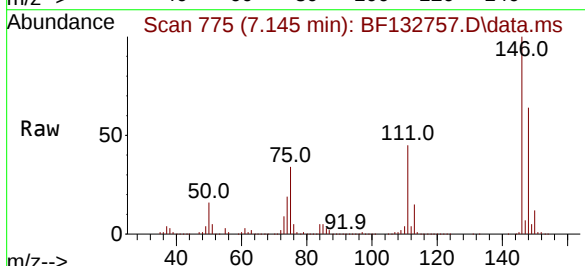
Tgt Ion:146 Resp: 687191

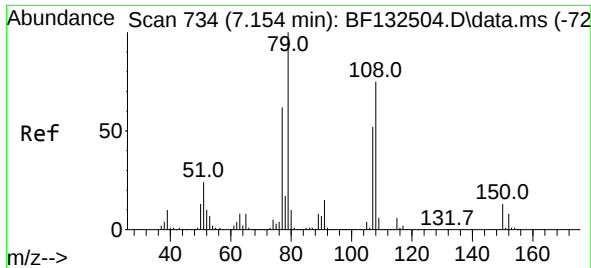
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 45.1 37.2 55.8

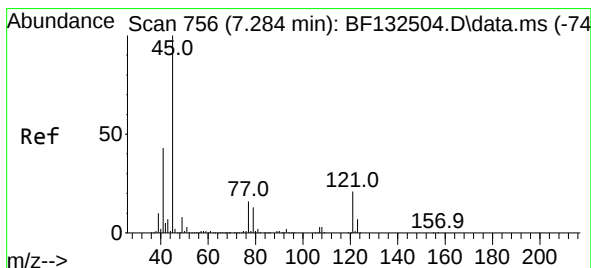
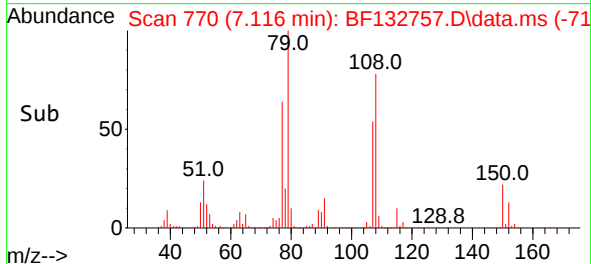
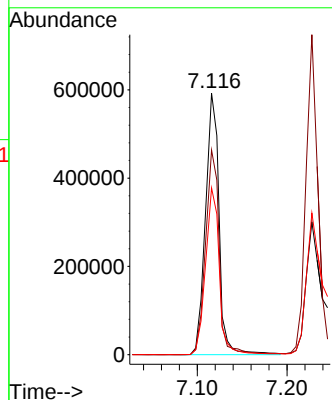
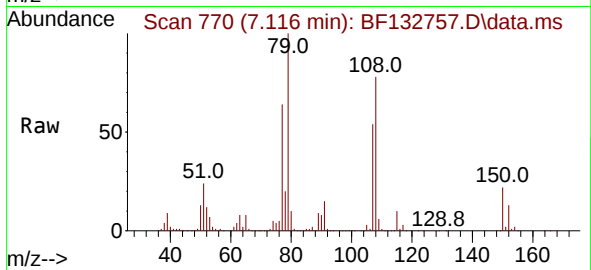




#15
Benzyl Alcohol
Concen: 42.588 ng
RT: 7.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

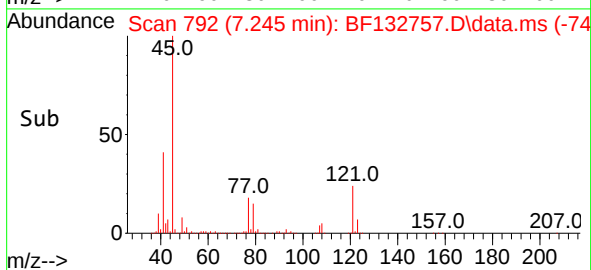
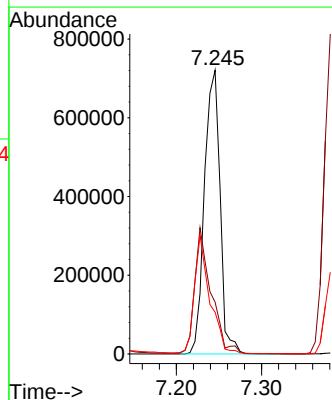
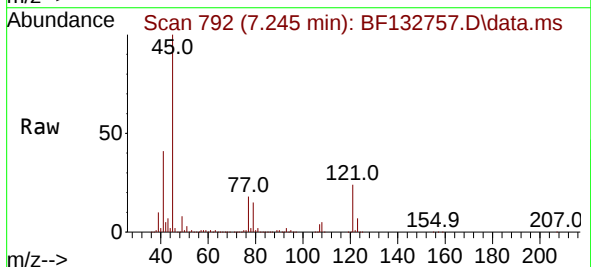
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

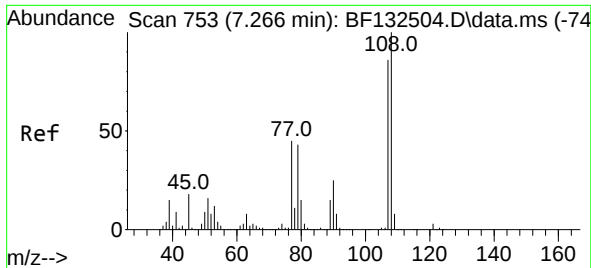
Tgt Ion: 79 Resp: 621588
Ion Ratio Lower Upper
79 100
108 78.3 60.2 90.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.864 ng
RT: 7.245 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 45 Resp: 916818
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.4
79 14.7 0.0 33.4

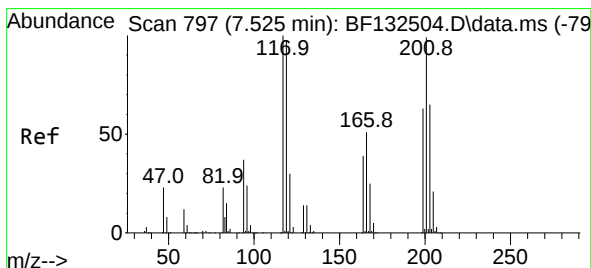
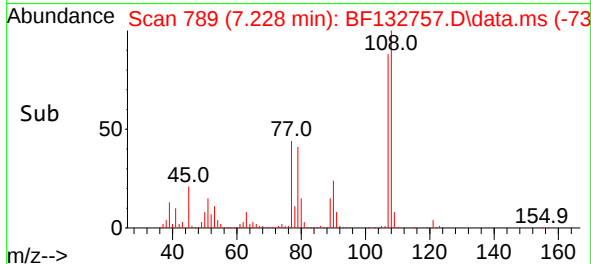
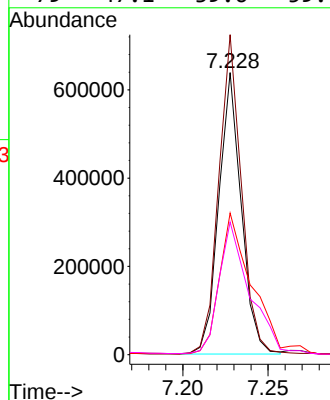
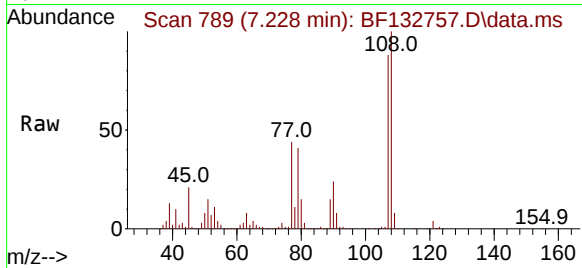




#17
2-Methylphenol
Concen: 41.690 ng
RT: 7.228 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

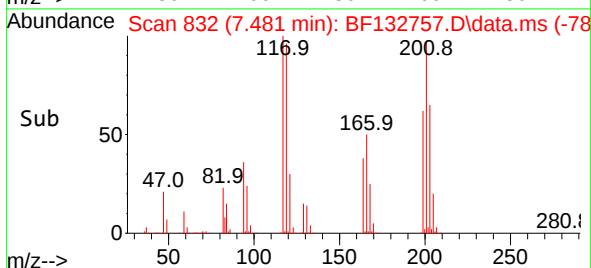
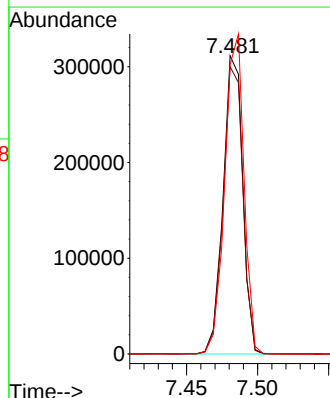
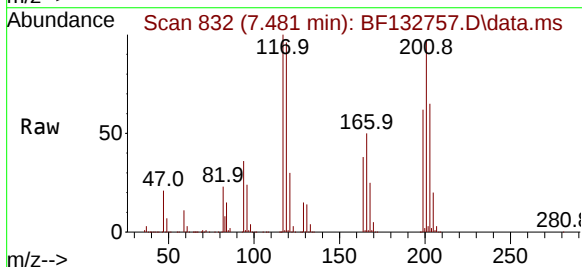
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

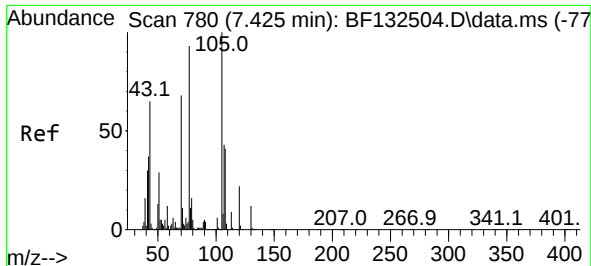
Tgt Ion:107 Resp: 586386
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.4
77 50.2 42.1 63.1
79 47.1 39.6 59.4



#18
Hexachloroethane
Concen: 47.456 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:117 Resp: 299409
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0
201 97.0 79.0 118.4

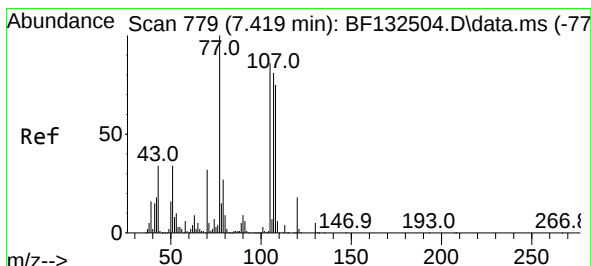
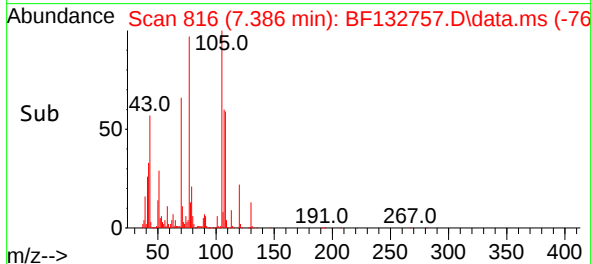
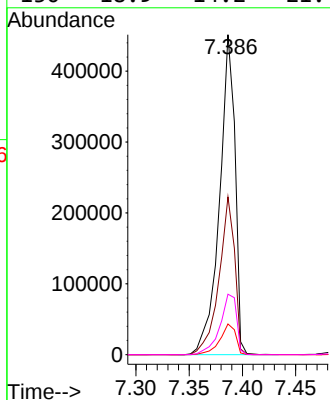
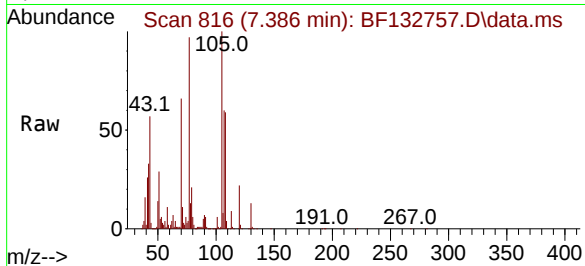




#19
n-Nitroso-di-n-propylamine
Concen: 39.182 ng
RT: 7.386 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

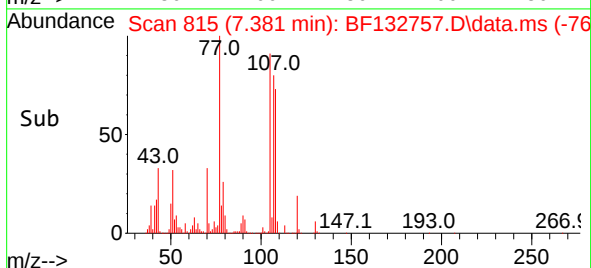
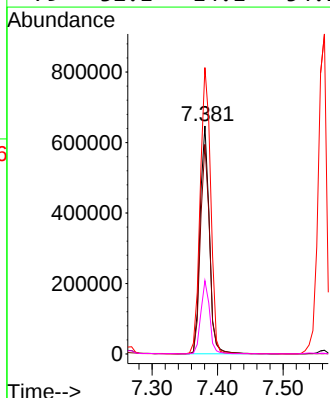
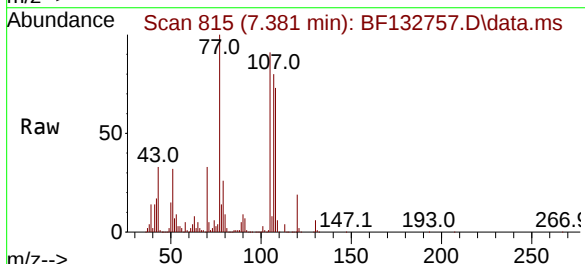
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

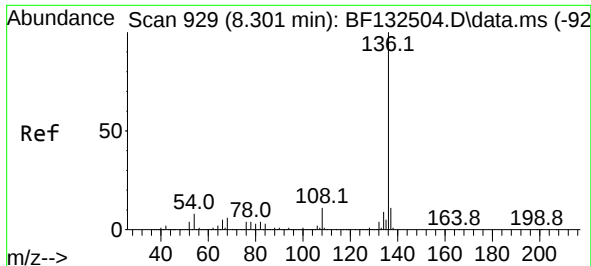
Tgt Ion: 70 Resp: 456995
Ion Ratio Lower Upper
70 100
42 49.3 44.1 66.1
101 9.6 7.4 11.2
130 18.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.107 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 107 Resp: 637959
Ion Ratio Lower Upper
107 100
108 92.0 72.6 112.6
77 125.6 104.0 144.0
79 32.1 14.1 54.1

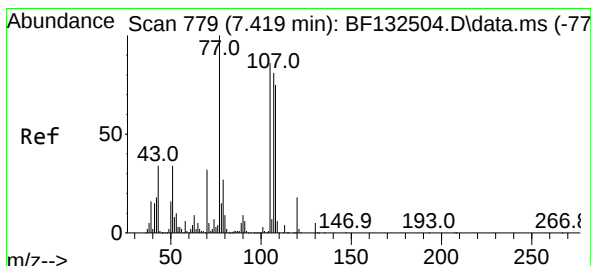
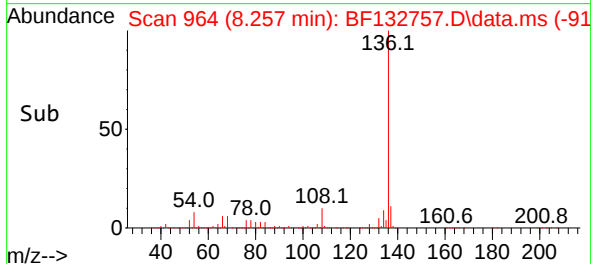
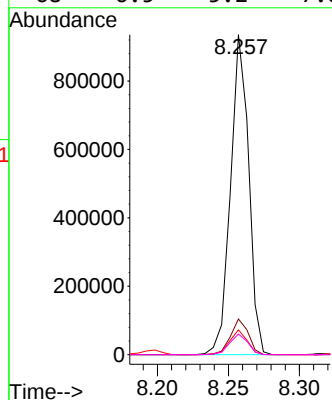
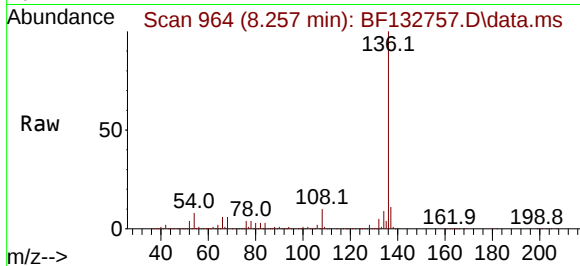




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

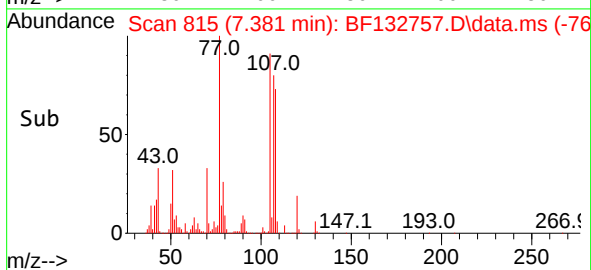
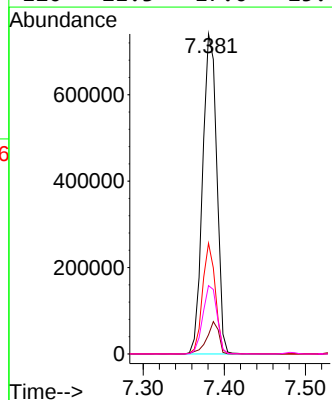
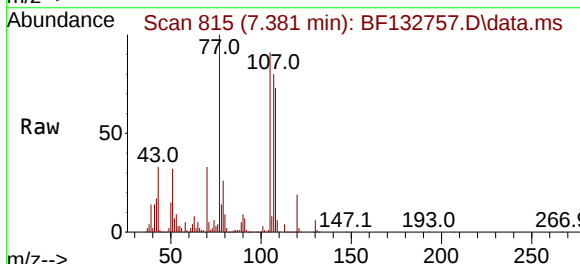
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

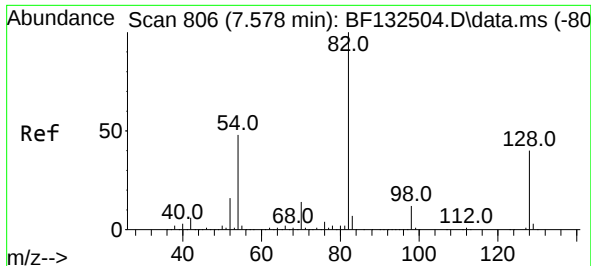
Tgt Ion:136 Resp: 831261
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.2 9.4
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 42.693 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:105 Resp: 894884
Ion Ratio Lower Upper
105 100
71 6.0 5.0 7.4
51 34.6 31.5 47.3
120 21.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.982 ng

RT: 7.539 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

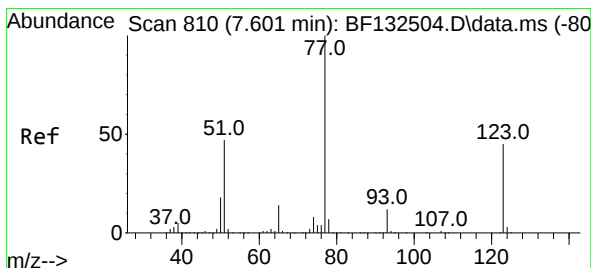
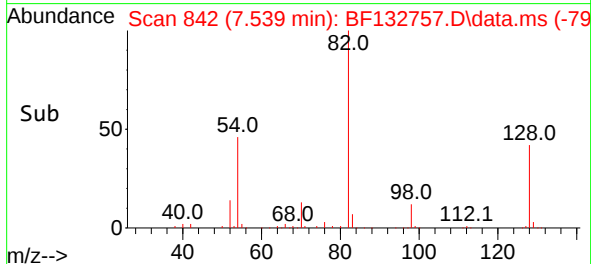
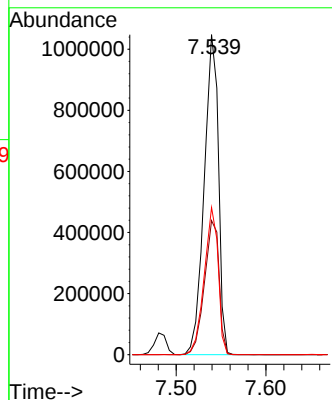
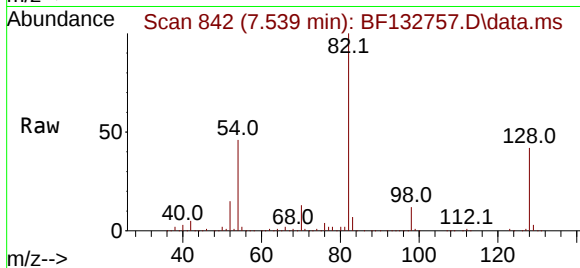
BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion: 82 Resp: 1156060

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.2
54	46.0	38.4	57.6



#24

Nitrobenzene

Concen: 43.203 ng

RT: 7.563 min Scan# 846

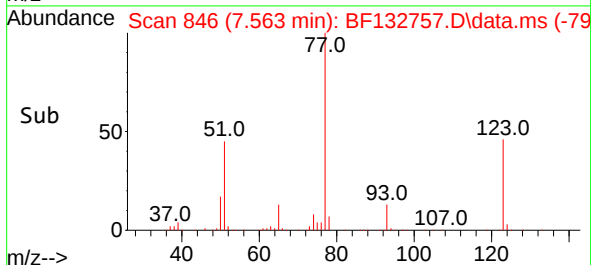
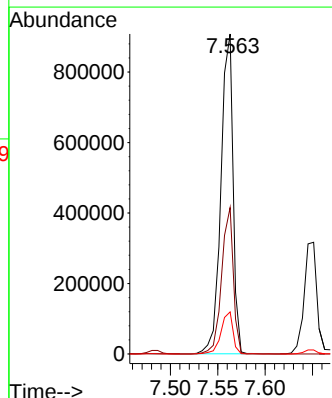
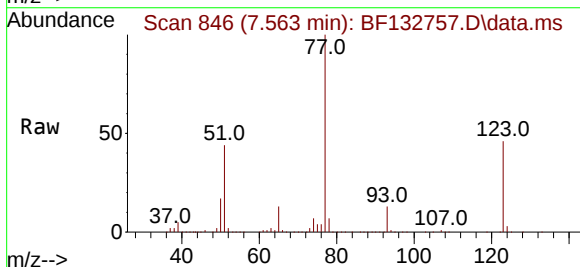
Delta R.T. 0.000 min

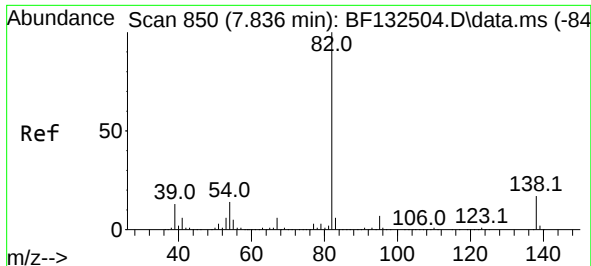
Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion: 77 Resp: 809537

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.6
65	13.2	10.9	16.3

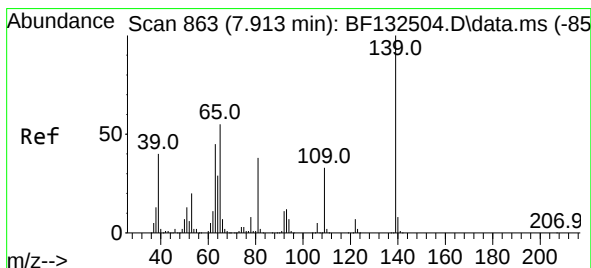
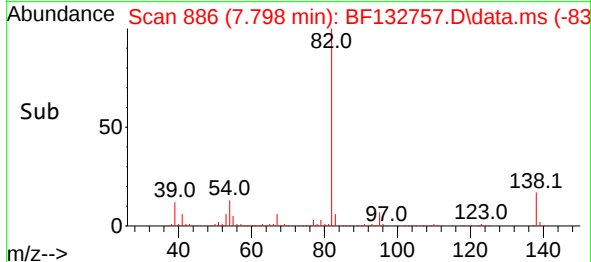
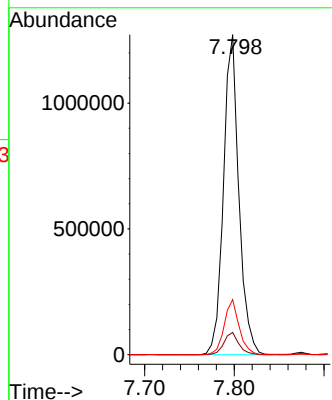
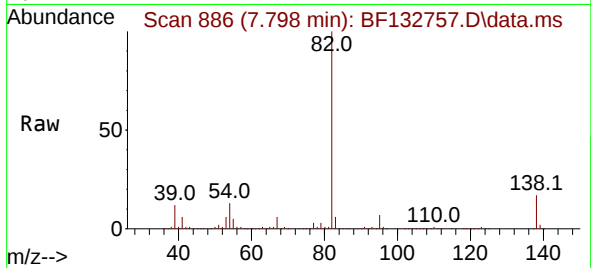




#25
Isophorone
Concen: 45.081 ng
RT: 7.798 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

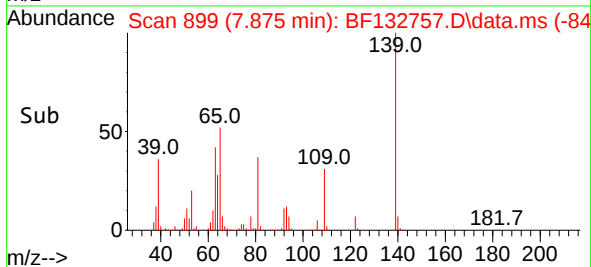
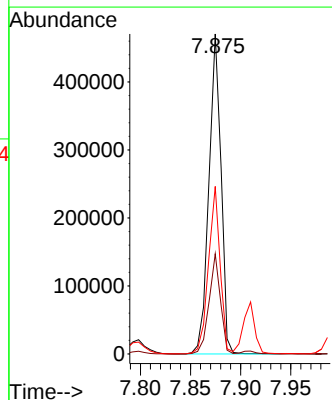
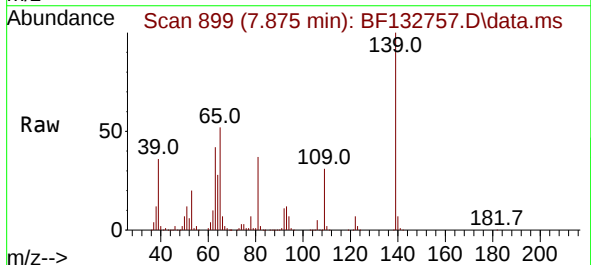
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

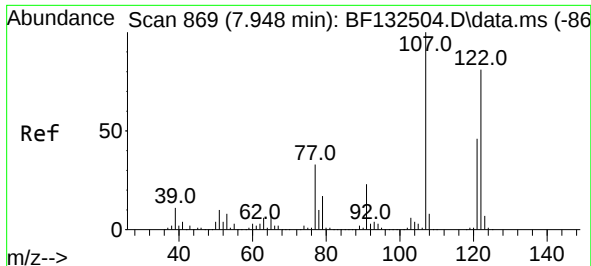
Tgt Ion: 82 Resp: 1514330
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 48.111 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:139 Resp: 397759
Ion Ratio Lower Upper
139 100
109 31.3 26.2 39.2
65 52.4 43.8 65.8

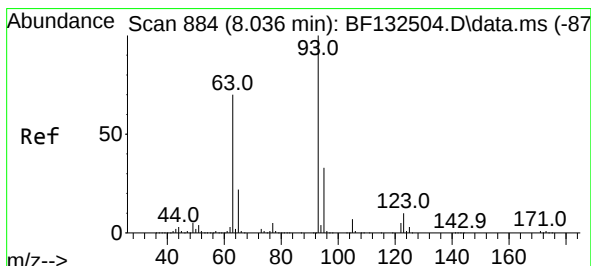
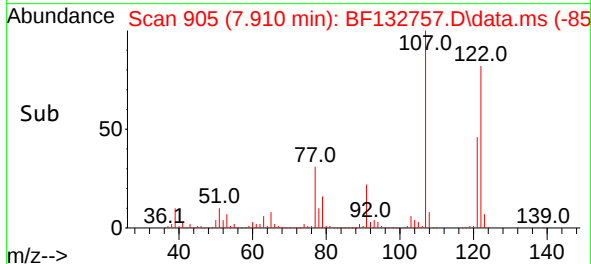
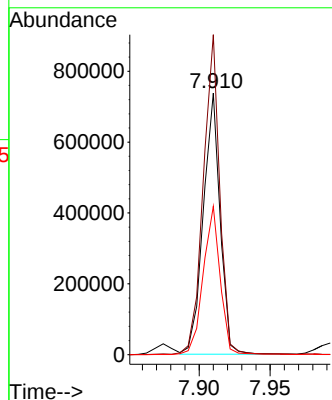
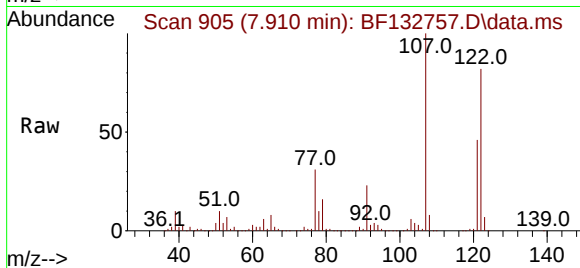




#27
2,4-Dimethylphenol
Concen: 46.447 ng
RT: 7.910 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

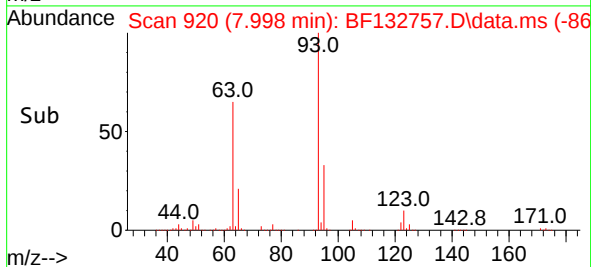
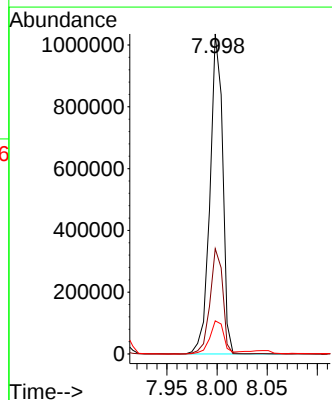
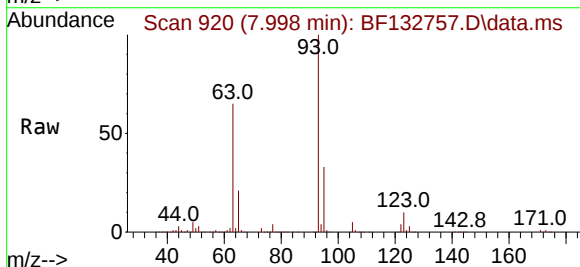
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

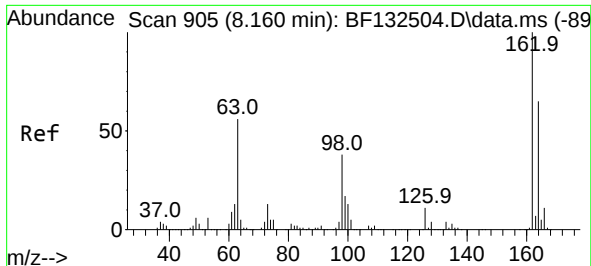
Tgt Ion:122 Resp: 606074
Ion Ratio Lower Upper
122 100
107 122.3 98.7 148.1
121 56.7 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.596 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 93 Resp: 915628
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.4 8.3 12.5

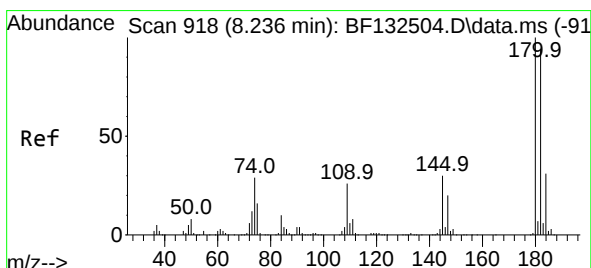
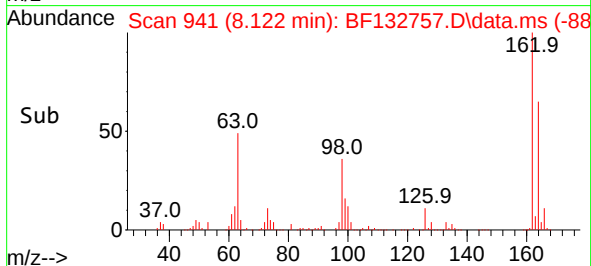
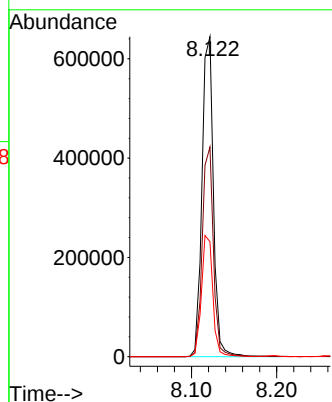
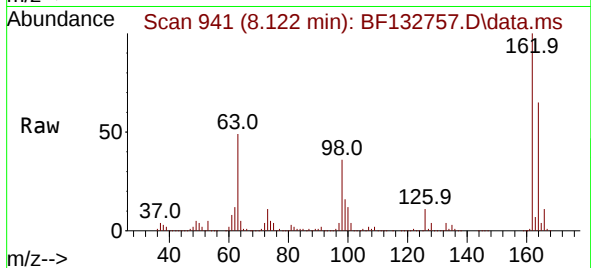




#29
2,4-Dichlorophenol
Concen: 46.335 ng
RT: 8.122 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

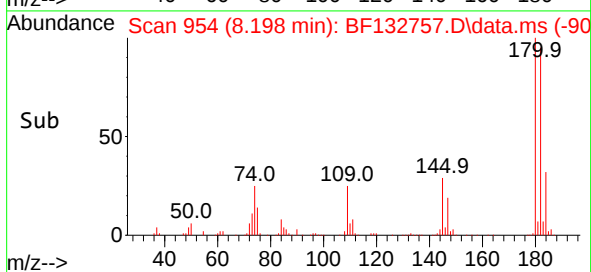
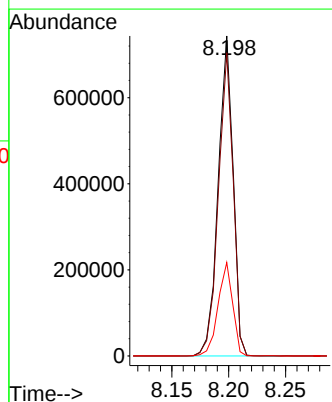
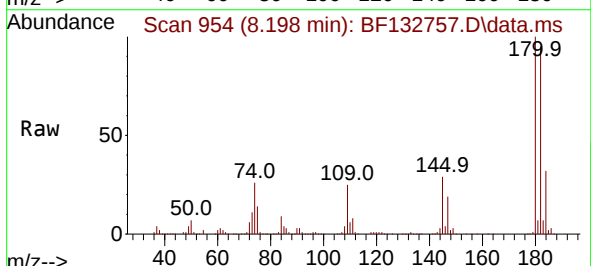
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

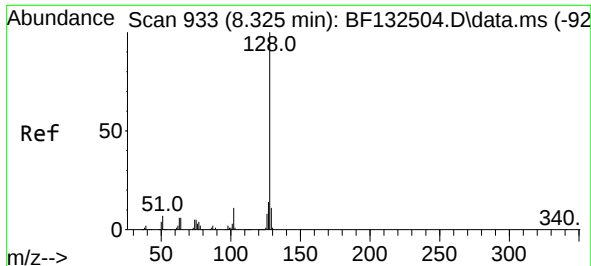
Tgt Ion:162 Resp: 601431
Ion Ratio Lower Upper
162 100
164 65.5 45.3 85.3
98 36.0 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 48.161 ng
RT: 8.198 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:180 Resp: 678812
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 29.2 23.8 35.6

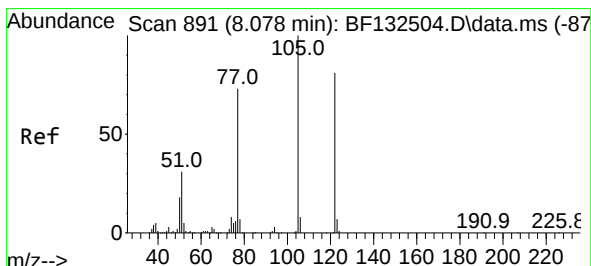
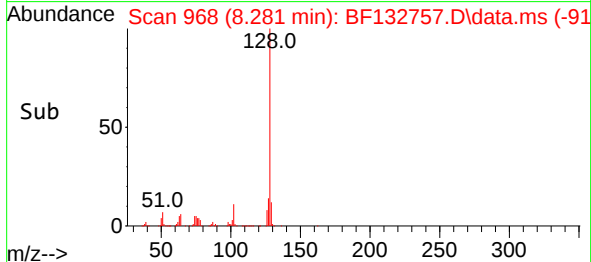
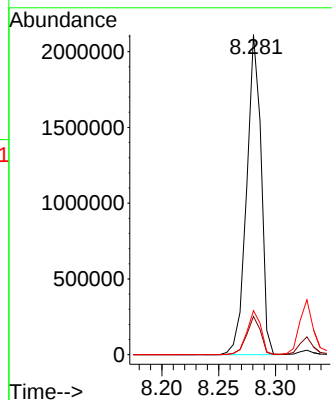
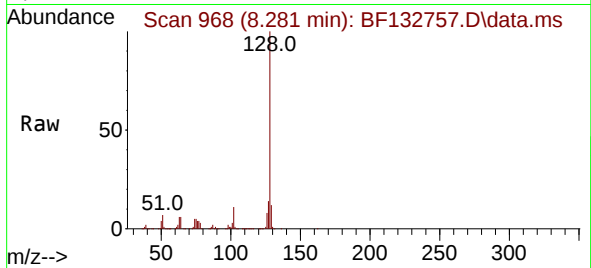




#31
Naphthalene
Concen: 43.878 ng
RT: 8.281 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

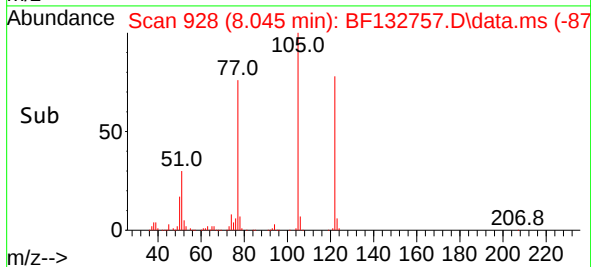
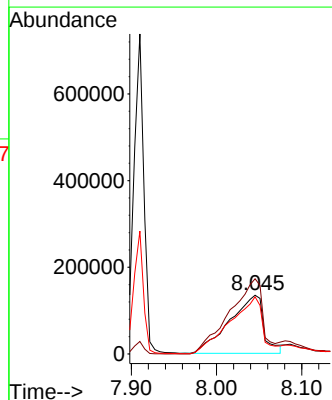
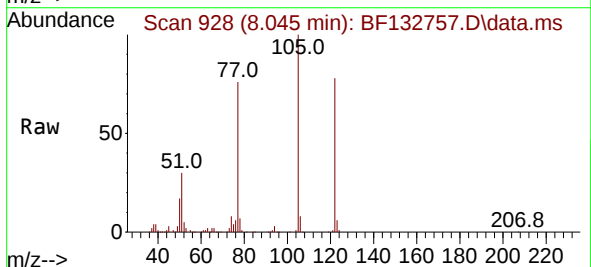
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

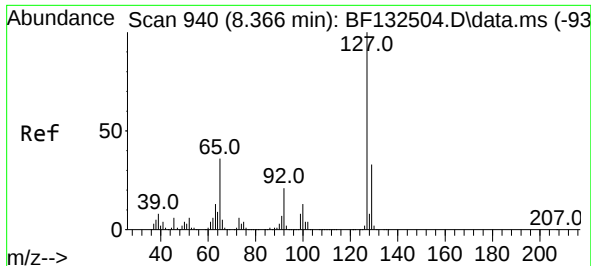
Tgt Ion:128 Resp: 1867255
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 37.448 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:122 Resp: 375641
Ion Ratio Lower Upper
122 100
105 128.0 102.6 142.6
77 97.3 70.2 110.2

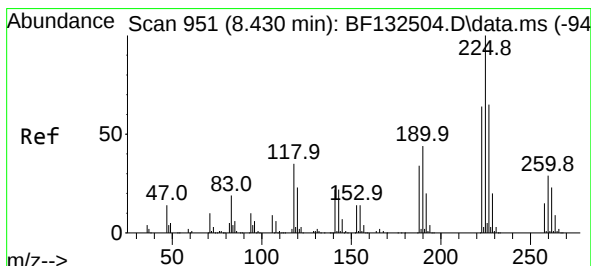
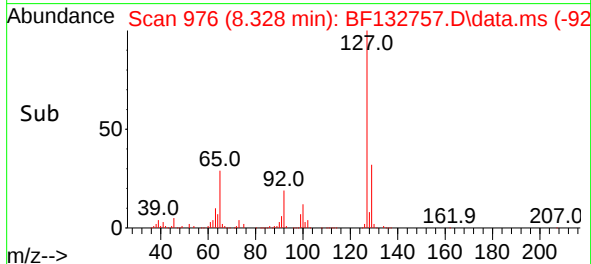
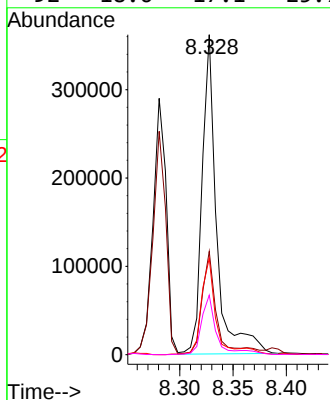
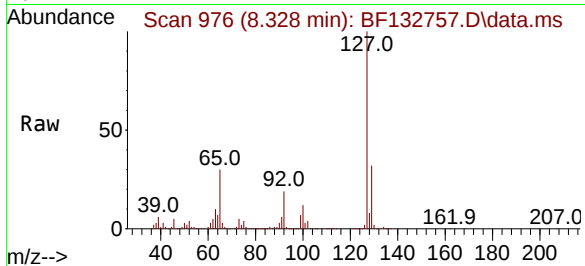




#33
4-Chloroaniline
Concen: 18.858 ng
RT: 8.328 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

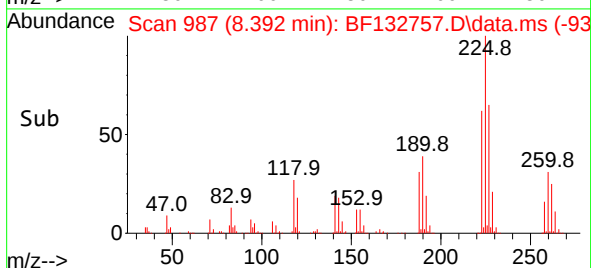
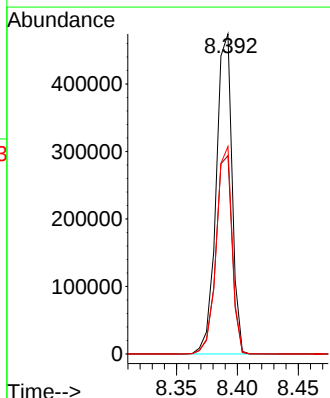
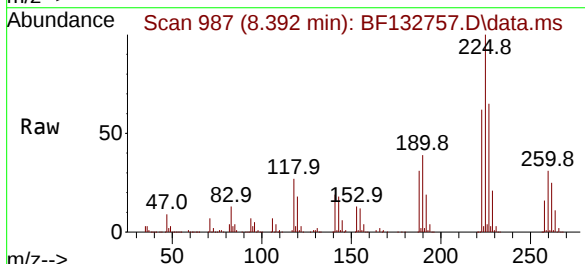
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

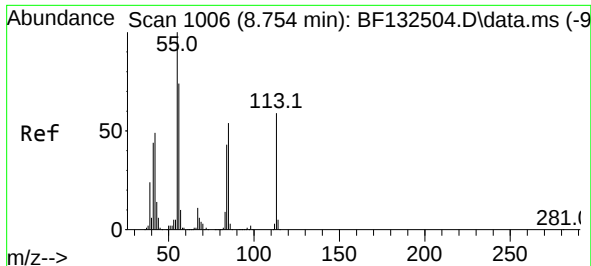
Tgt Ion:	127	Resp:	343893
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	30.2	28.8	43.2
92	18.6	17.1	25.7



#34
Hexachlorobutadiene
Concen: 48.189 ng
RT: 8.392 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:	225	Resp:	431599
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.8	51.7	77.5

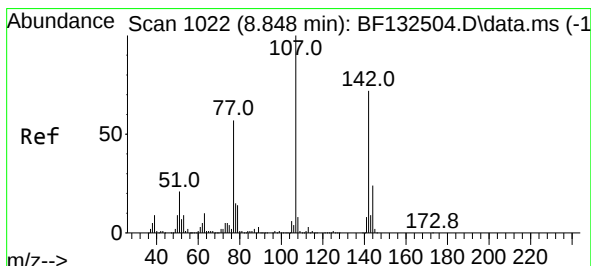
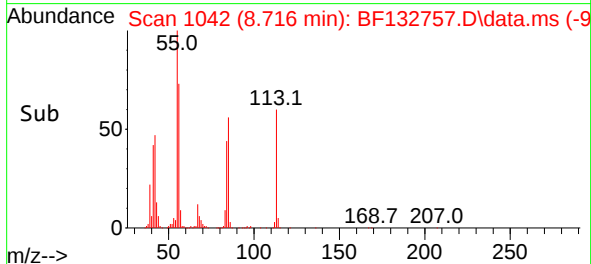
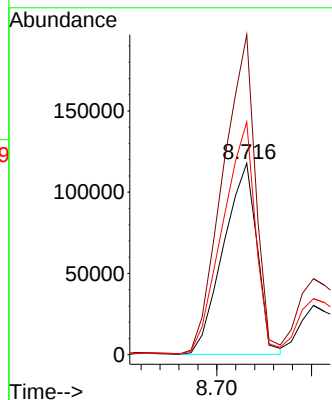
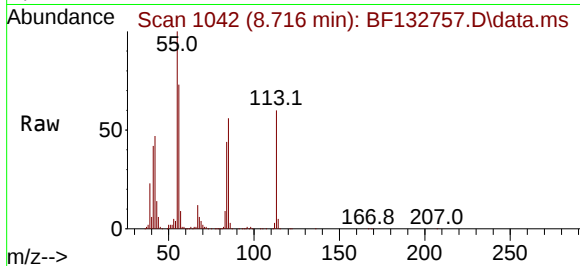




#35
Caprolactam
Concen: 33.818 ng
RT: 8.716 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

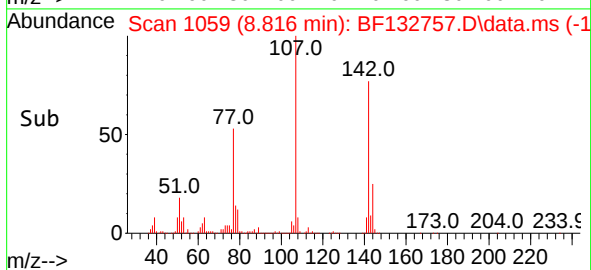
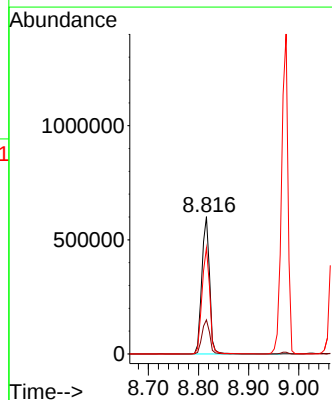
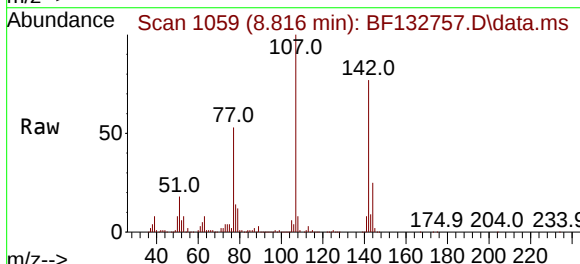
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

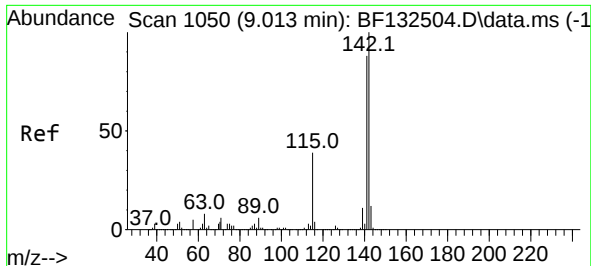
Tgt Ion:113 Resp: 144717
Ion Ratio Lower Upper
113 100
55 167.3 149.4 189.4
56 121.6 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 45.193 ng
RT: 8.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:107 Resp: 644225
Ion Ratio Lower Upper
107 100
144 24.8 18.9 28.3
142 77.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 42.843 ng

RT: 8.975 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

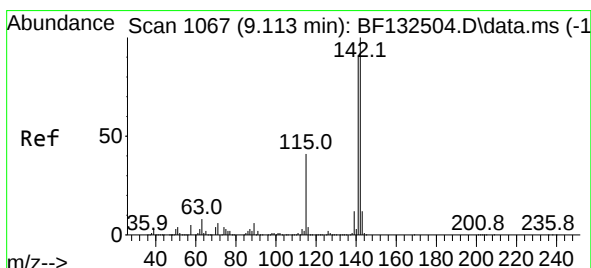
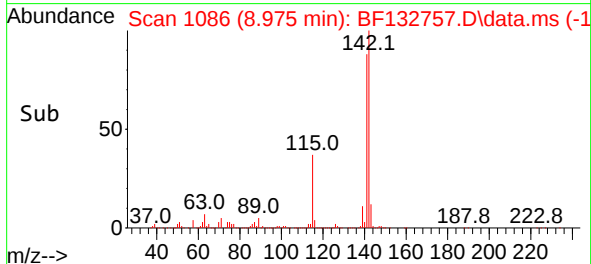
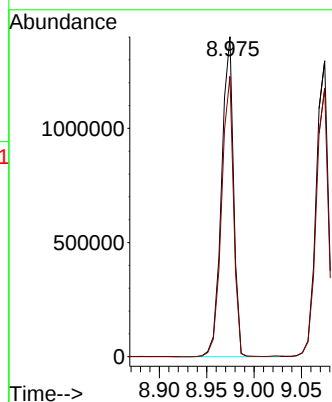
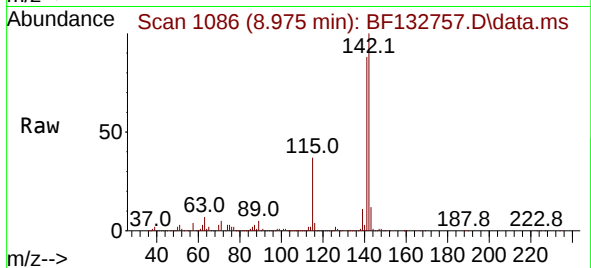
PB151350BSD

Tgt Ion:142 Resp: 1242474

Ion Ratio Lower Upper

142 100

141 87.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 42.326 ng

RT: 9.075 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132757.D

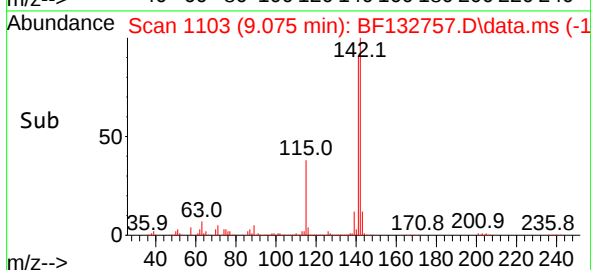
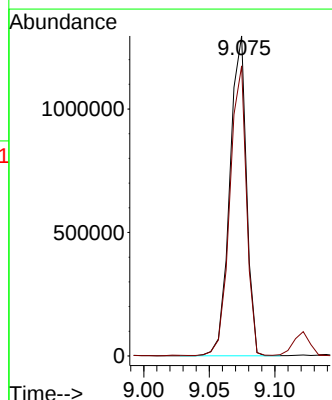
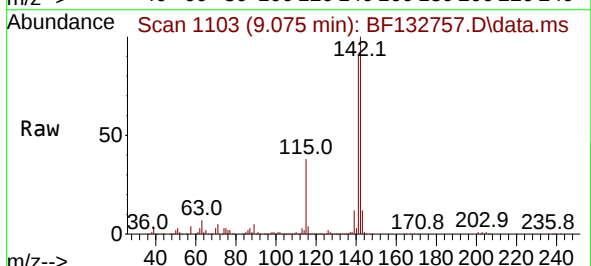
Acq: 13 Mar 2023 13:04

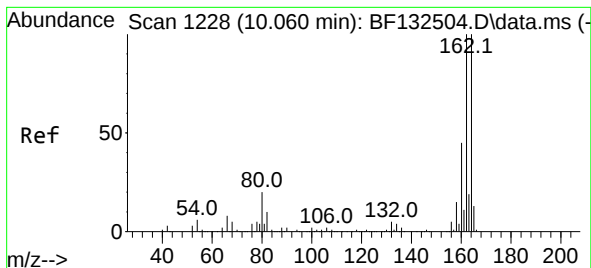
Tgt Ion:142 Resp: 1147157

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

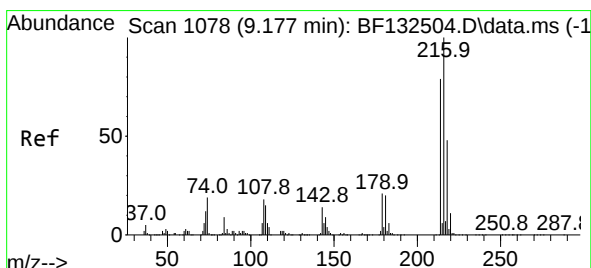
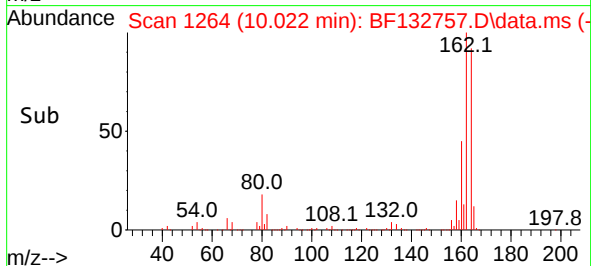
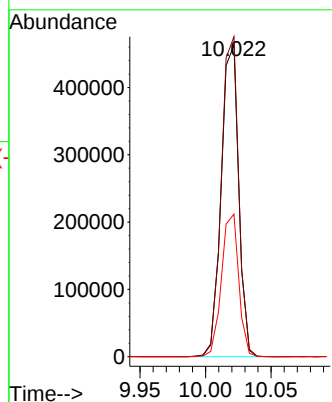
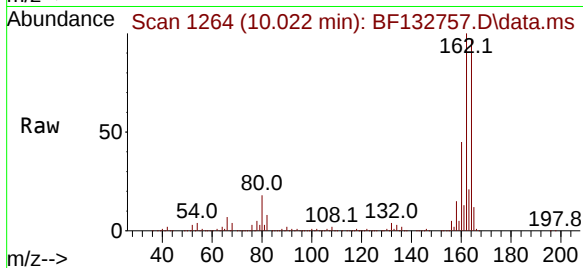
Tgt Ion:164 Resp: 427447

Ion Ratio Lower Upper

164 100

162 102.7 79.8 119.8

160 45.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.554 ng

RT: 9.139 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:216 Resp: 679026

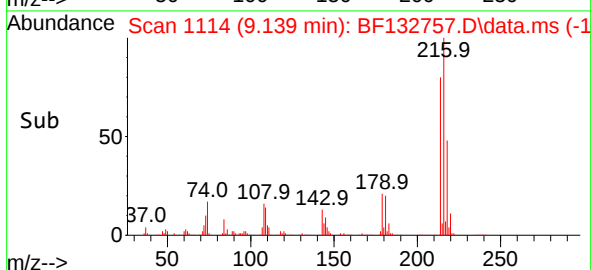
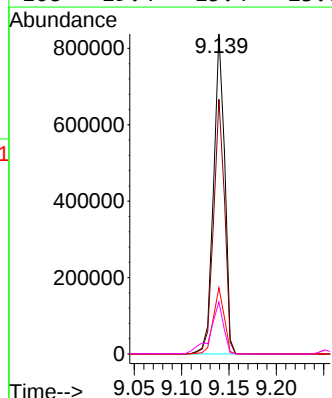
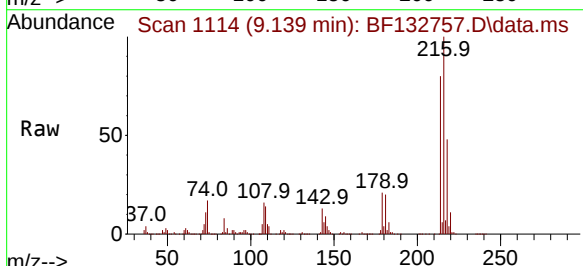
Ion Ratio Lower Upper

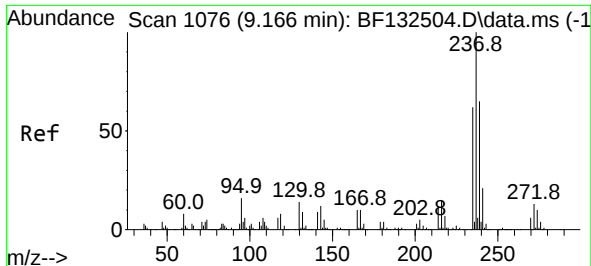
216 100

214 78.9 63.0 94.6

179 20.3 16.6 24.8

108 19.4 15.4 23.0

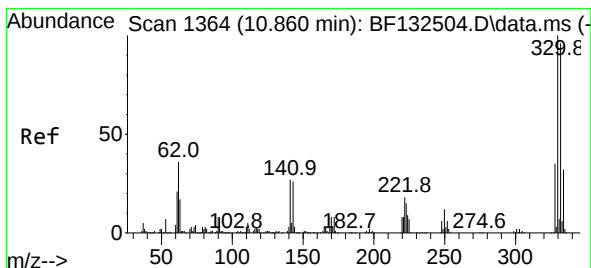
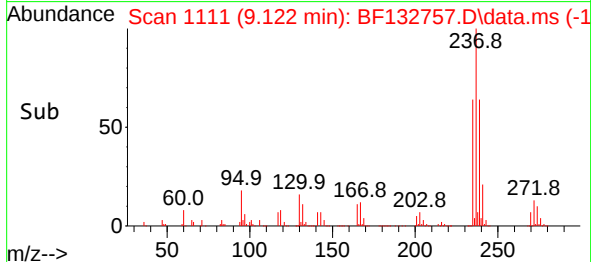
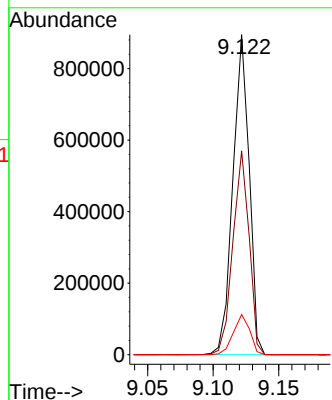
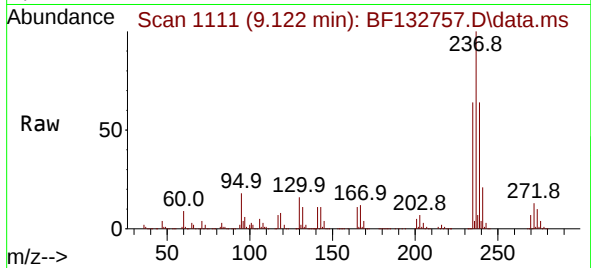




#41
Hexachlorocyclopentadiene
Concen: 101.796 ng
RT: 9.122 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

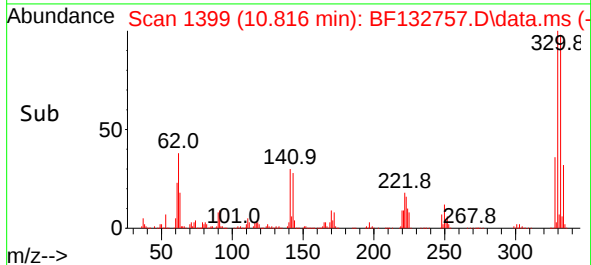
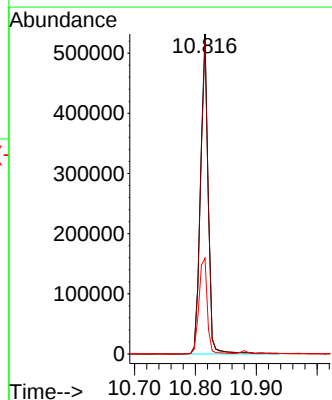
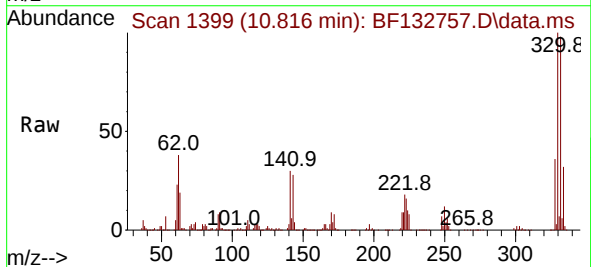
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

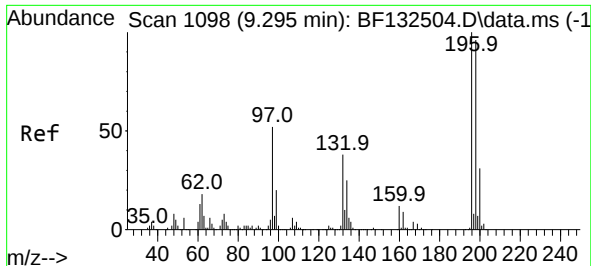
Tgt Ion:237 Resp: 772163
Ion Ratio Lower Upper
237 100
235 63.7 42.4 82.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 101.419 ng
RT: 10.816 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:330 Resp: 468176
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 32.4 28.4 42.6

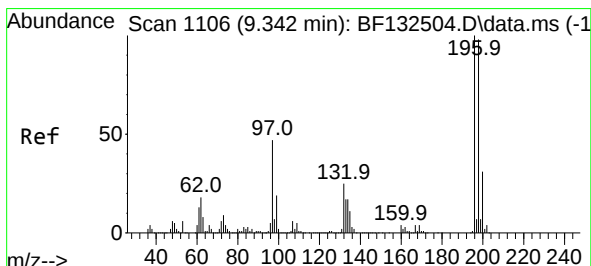
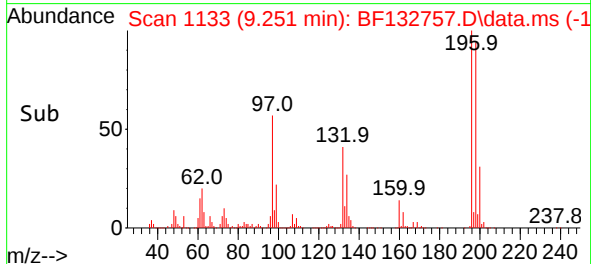
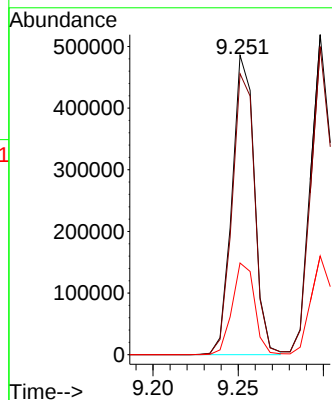
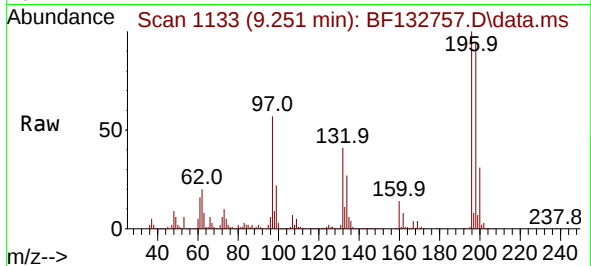




#43
2,4,6-Trichlorophenol
Concen: 46.918 ng
RT: 9.251 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

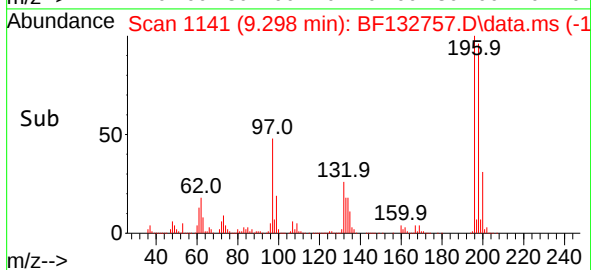
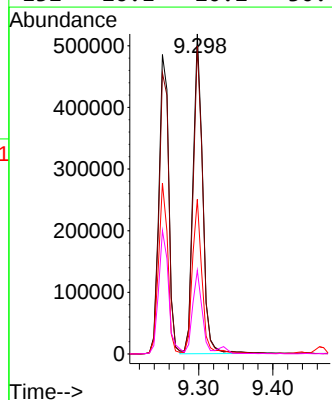
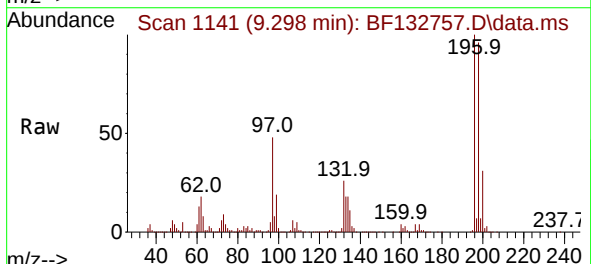
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

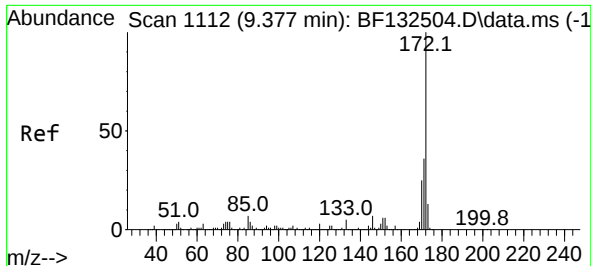
Tgt Ion:196 Resp: 444670
Ion Ratio Lower Upper
196 100
198 93.9 77.1 115.7
200 30.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 42.591 ng
RT: 9.298 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:196 Resp: 471130
Ion Ratio Lower Upper
196 100
198 96.2 78.3 117.5
97 48.3 38.1 57.1
132 26.1 20.2 30.4

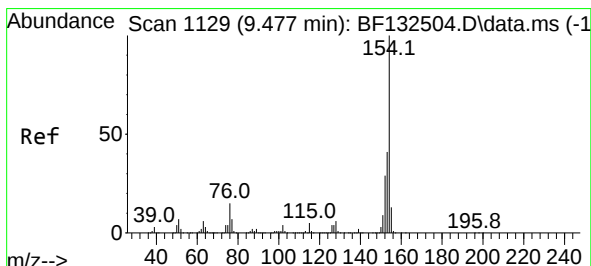
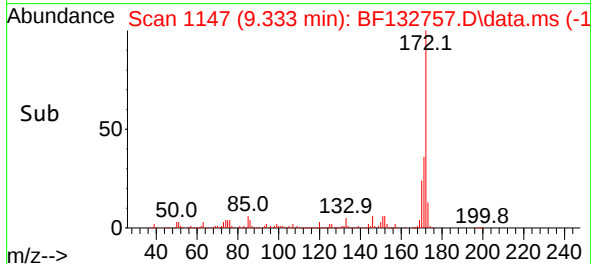
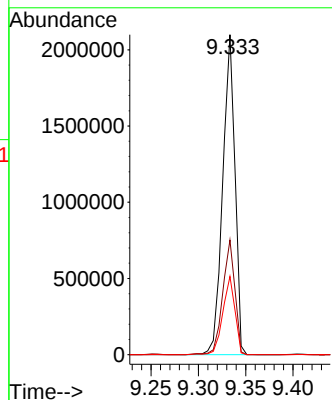
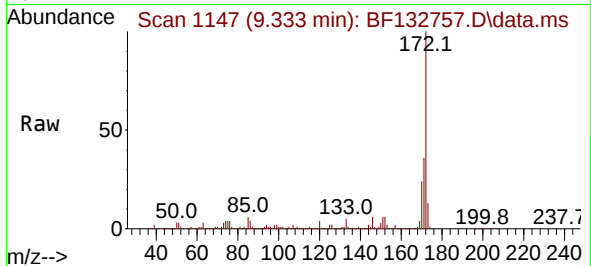




#45
2-Fluorobiphenyl
Concen: 67.494 ng
RT: 9.333 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

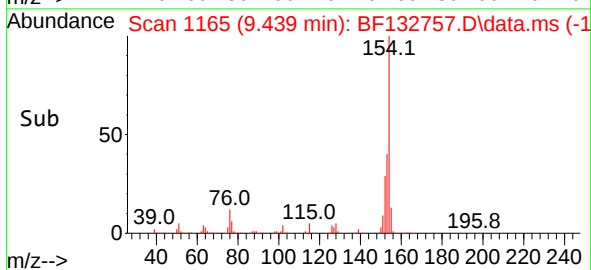
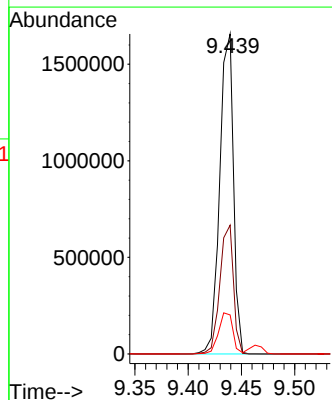
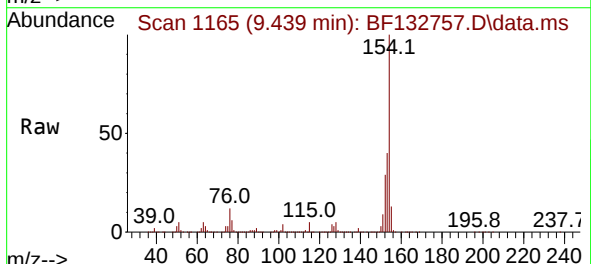
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

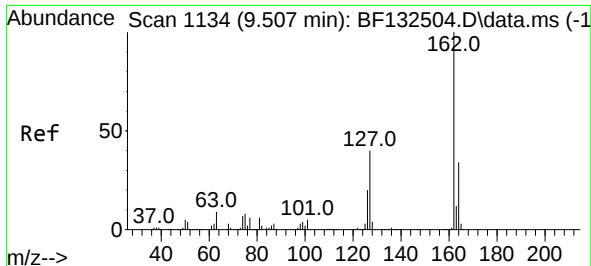
Tgt Ion:172 Resp: 1894719
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.5 19.7 29.5



#46
1,1'-Biphenyl
Concen: 45.621 ng
RT: 9.439 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:154 Resp: 1475983
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 12.2 0.0 34.7





#47

2-Chloronaphthalene

Concen: 46.822 ng

RT: 9.463 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

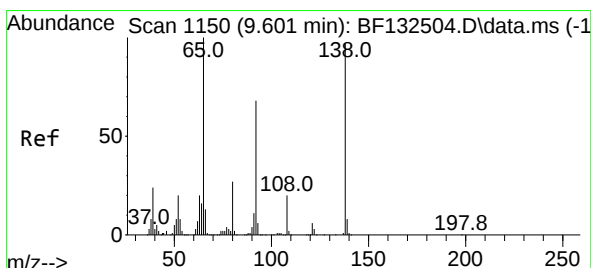
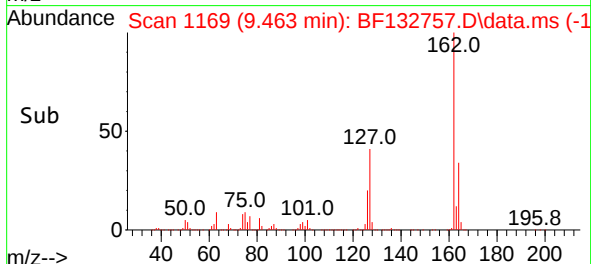
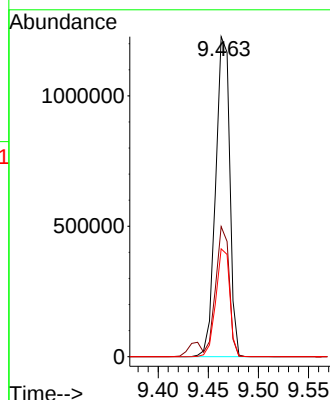
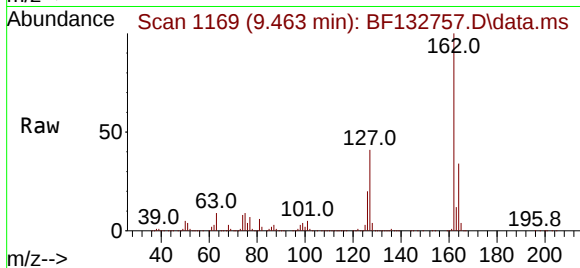
Tgt Ion:162 Resp: 1201008

Ion Ratio Lower Upper

162 100

127 40.7 32.3 48.5

164 33.7 26.9 40.3



#48

2-Nitroaniline

Concen: 40.438 ng

RT: 9.563 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

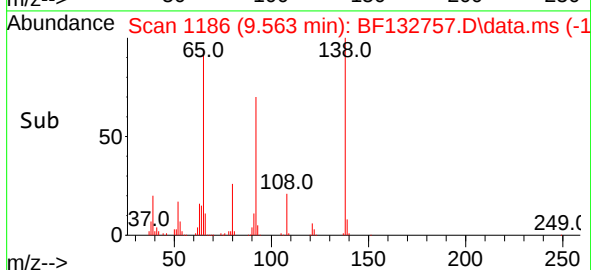
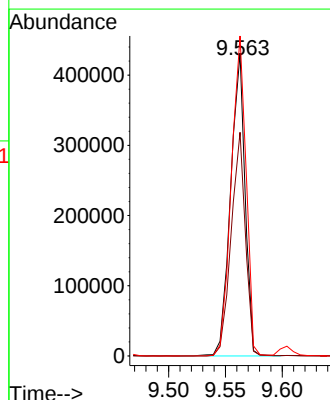
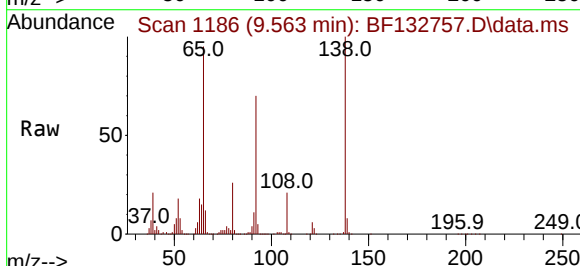
Tgt Ion: 65 Resp: 382024

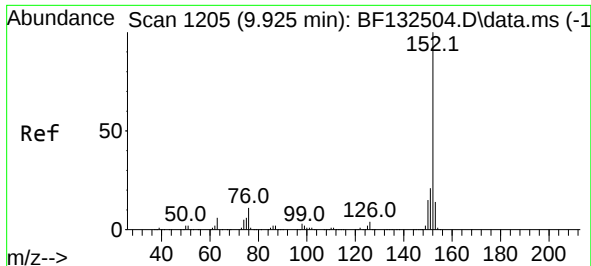
Ion Ratio Lower Upper

65 100

92 73.8 54.5 81.7

138 105.7 77.2 115.8

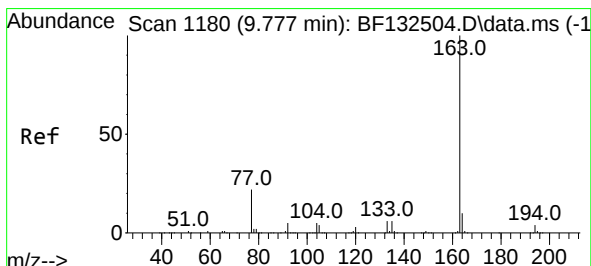
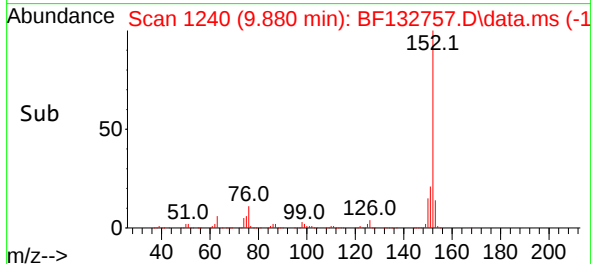
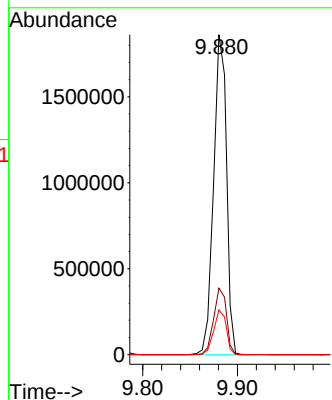
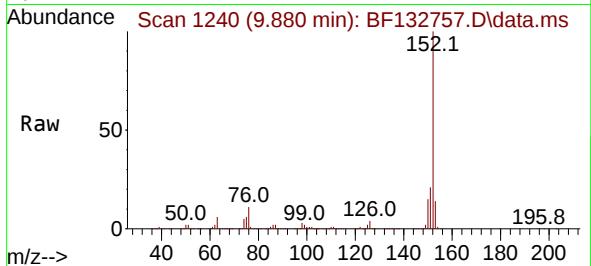




#49
Acenaphthylene
Concen: 43.106 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

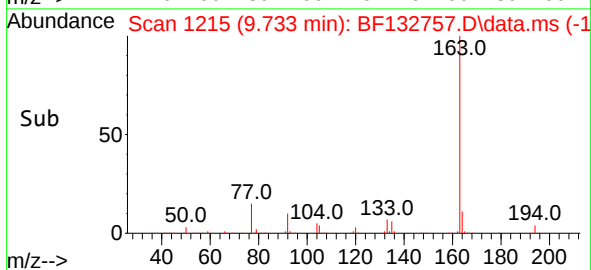
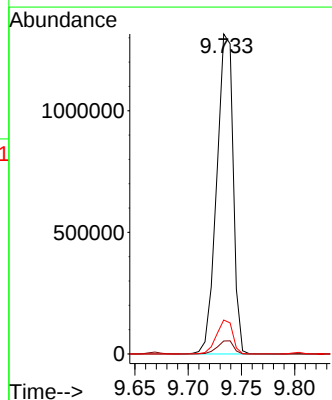
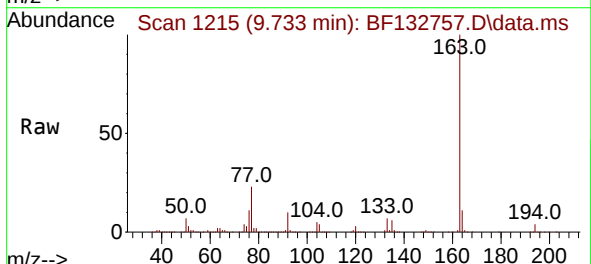
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

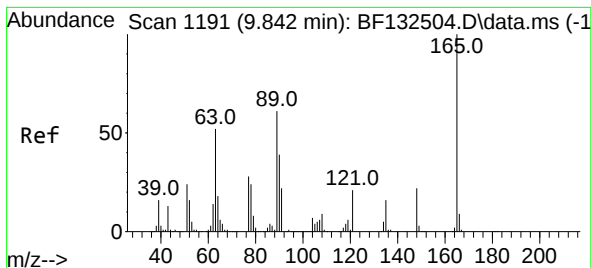
Tgt Ion:152 Resp: 1759731
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 11.0 16.6



#50
Dimethylphthalate
Concen: 45.247 ng
RT: 9.733 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:163 Resp: 1408251
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 44.261 ng

RT: 9.804 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

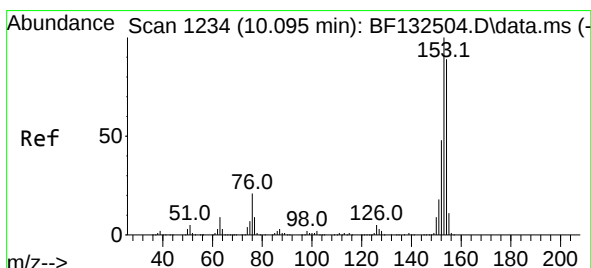
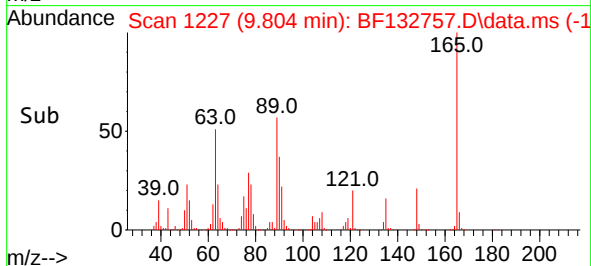
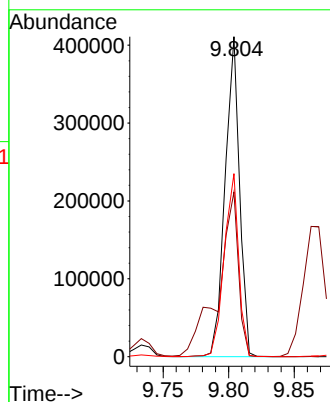
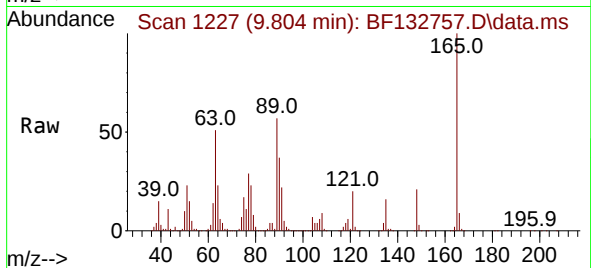
Tgt Ion:165 Resp: 313721

Ion Ratio Lower Upper

165 100

63 51.4 47.3 70.9

89 57.2 48.9 73.3



#52

Acenaphthene

Concen: 39.838 ng

RT: 10.057 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

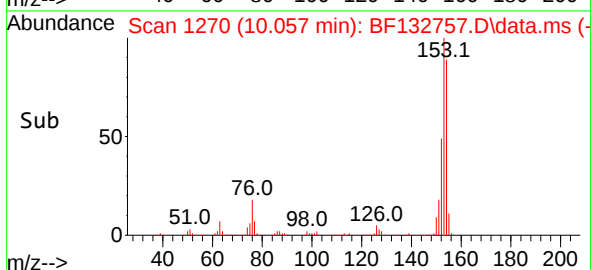
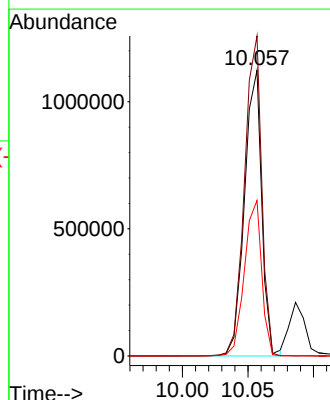
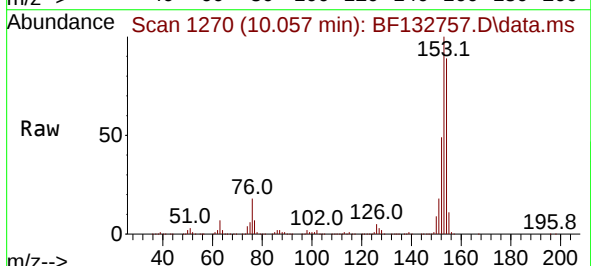
Tgt Ion:154 Resp: 1032701

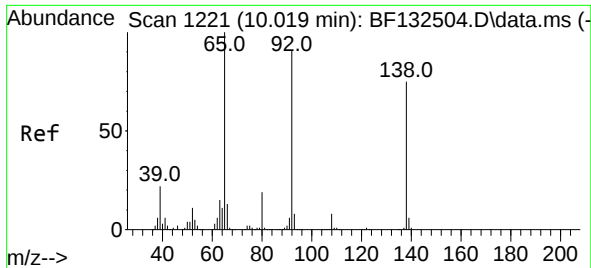
Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.8

152 54.4 43.3 64.9

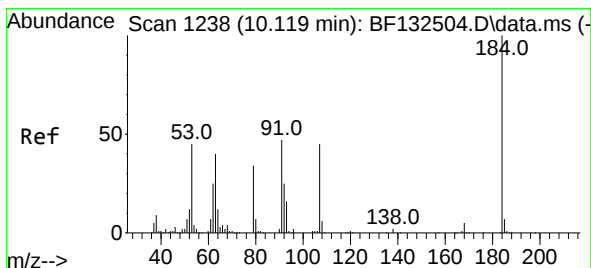
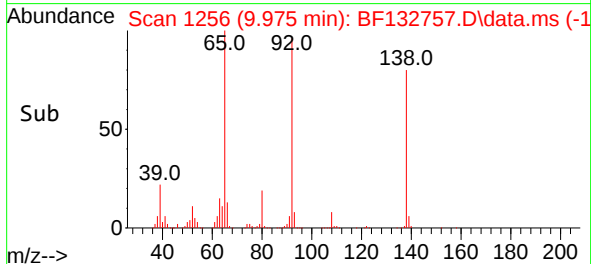
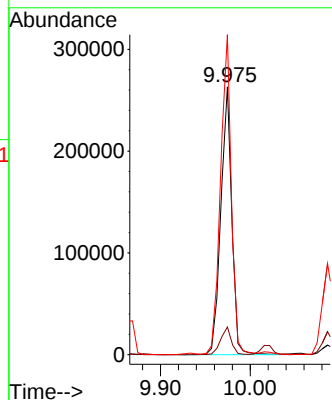
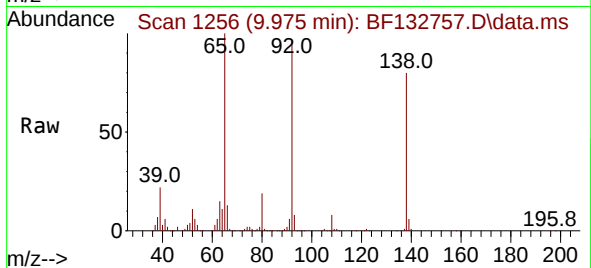




#53
3-Nitroaniline
Concen: 28.152 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

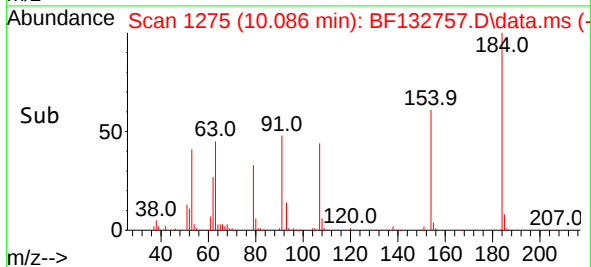
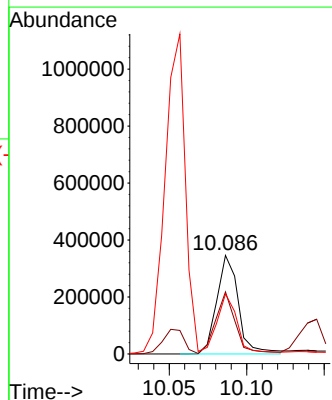
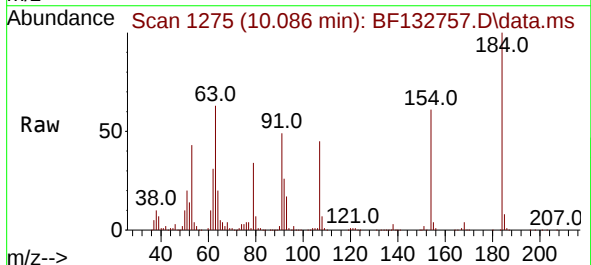
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

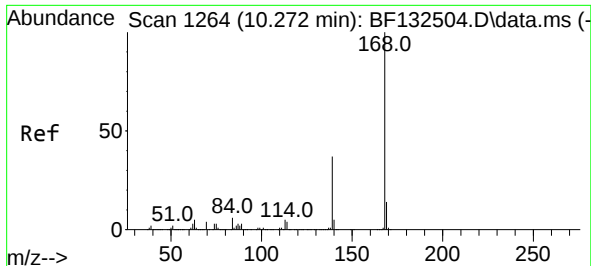
Tgt Ion:138 Resp: 223212
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 119.5 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 75.309 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:184 Resp: 335884
Ion Ratio Lower Upper
184 100
63 63.0 51.4 77.2
154 60.9 48.3 72.5

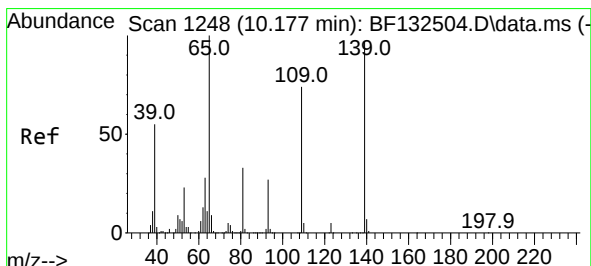
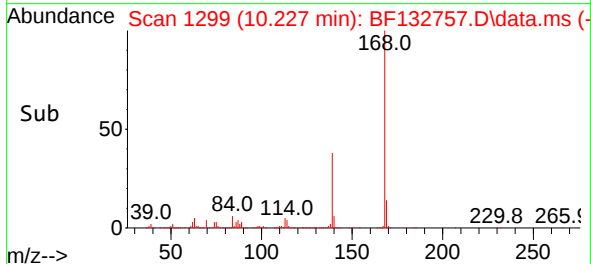
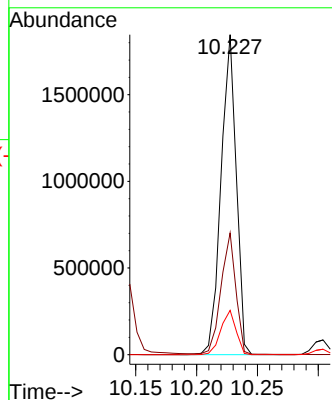
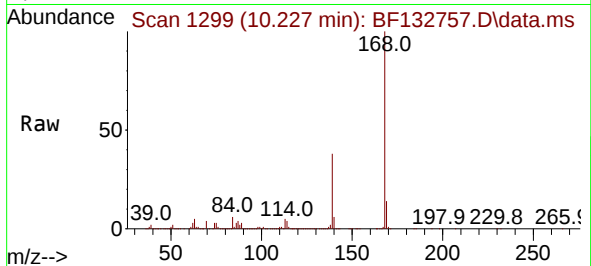




#55
Dibenzenofuran
Concen: 42.537 ng
RT: 10.227 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

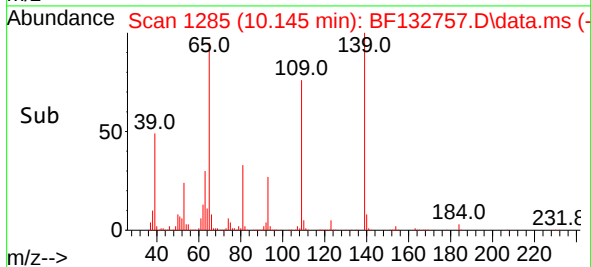
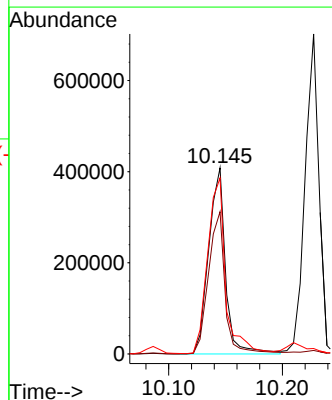
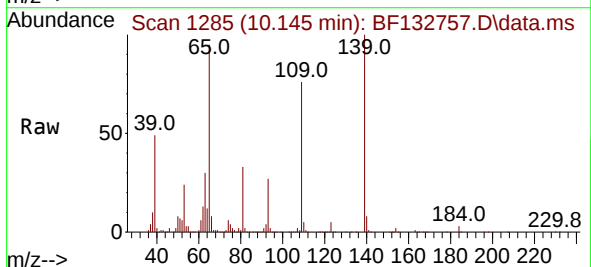
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

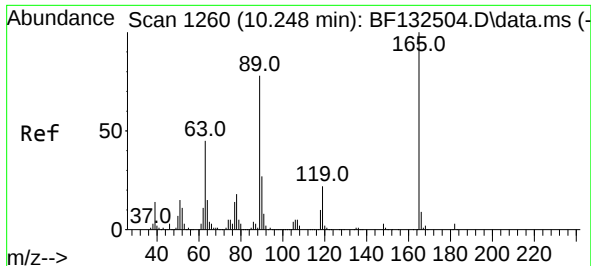
Tgt Ion:168 Resp: 1607496
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 71.272 ng
RT: 10.145 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:139 Resp: 421436
Ion Ratio Lower Upper
139 100
109 76.5 56.7 96.7
65 94.6 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 43.211 ng

RT: 10.210 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:165 Resp: 407465

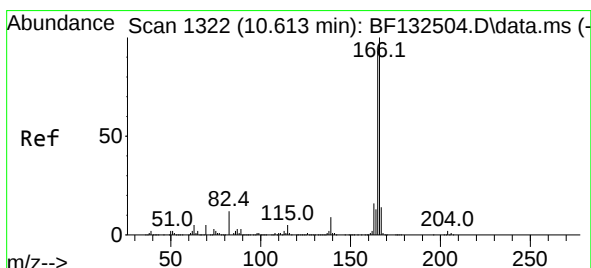
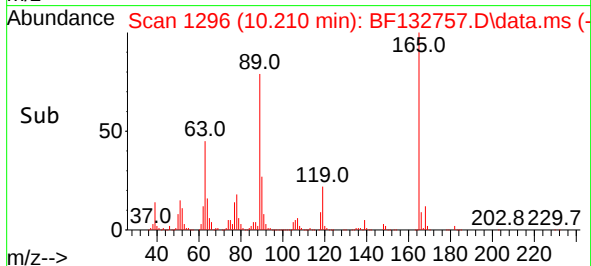
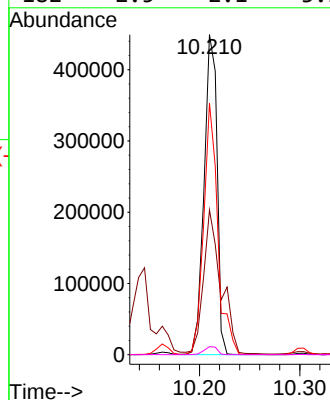
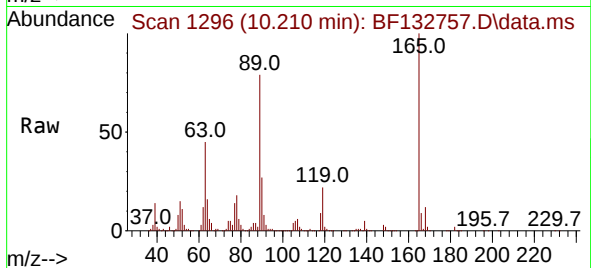
Ion Ratio Lower Upper

165 100

63 45.3 36.5 54.7

89 78.6 62.4 93.6

182 2.5 2.1 3.1



#58

Fluorene

Concen: 43.312 ng

RT: 10.569 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

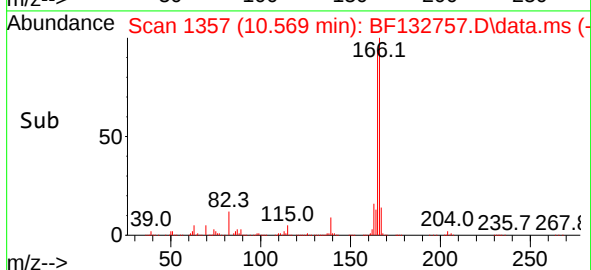
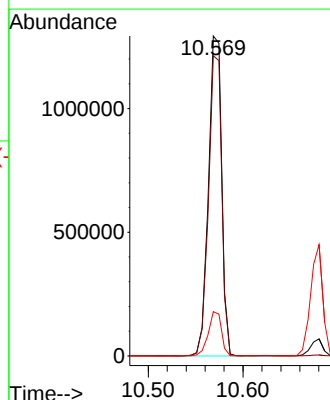
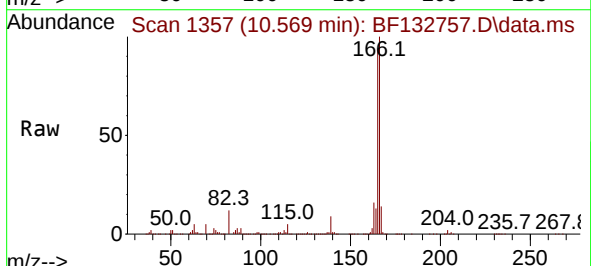
Tgt Ion:166 Resp: 1251997

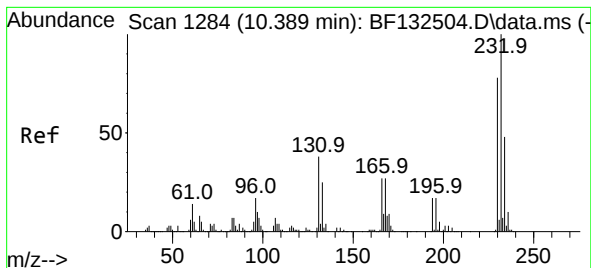
Ion Ratio Lower Upper

166 100

165 93.8 74.2 111.4

167 13.8 11.1 16.7

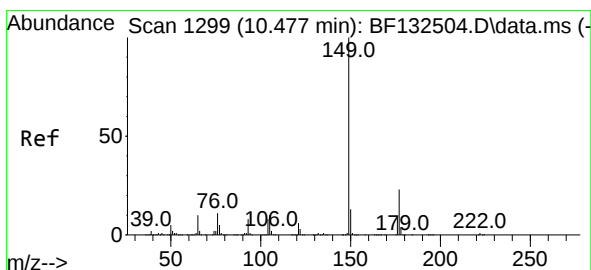
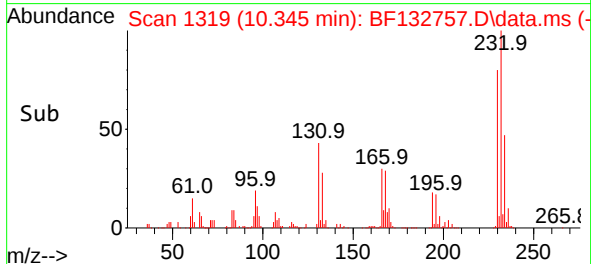
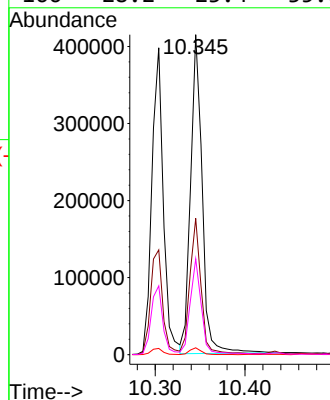
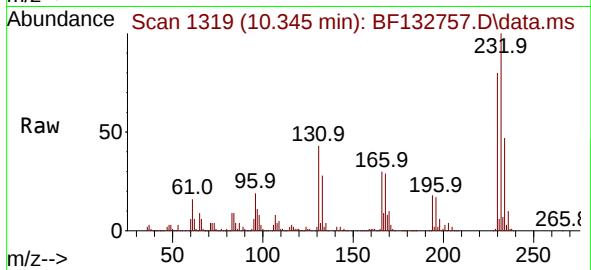




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.237 ng
RT: 10.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

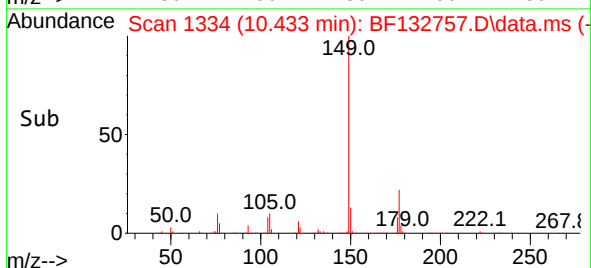
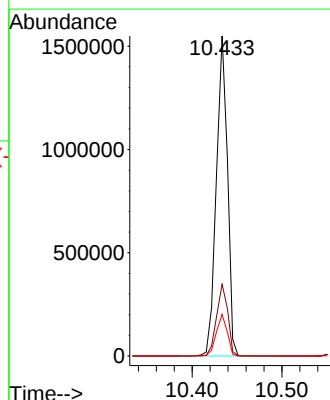
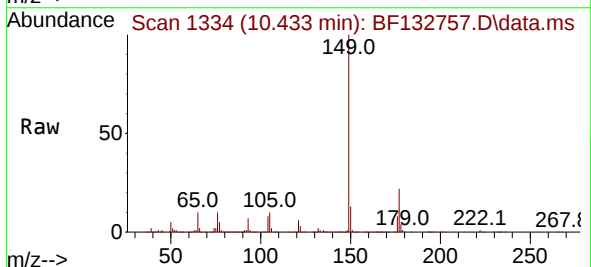
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

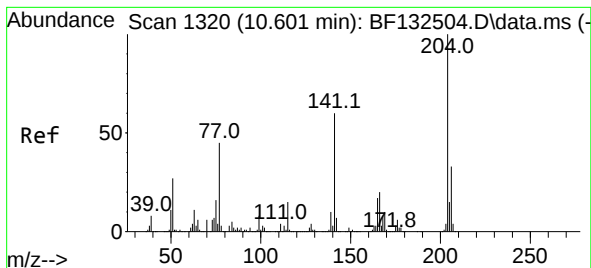
Tgt Ion:232 Resp: 371711
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 2.2 1.7 2.5
166 28.2 23.4 35.0



#60
Diethylphthalate
Concen: 43.777 ng
RT: 10.433 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:149 Resp: 1330688
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 13.0 10.2 15.2

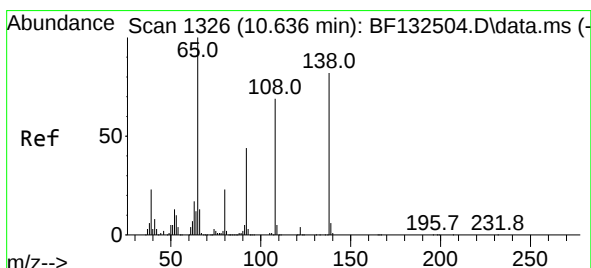
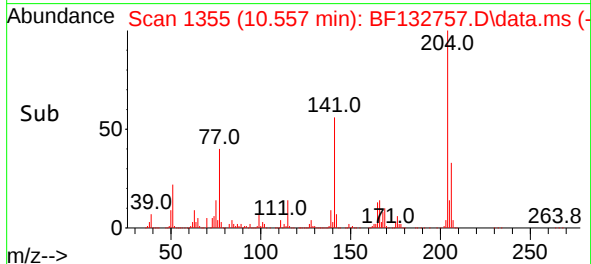
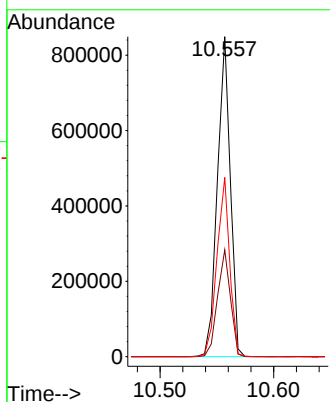
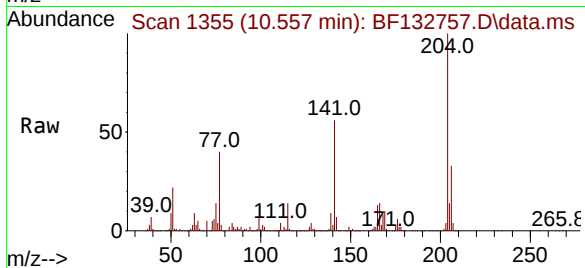




#61
4-Chlorophenyl-phenylether
Concen: 44.839 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

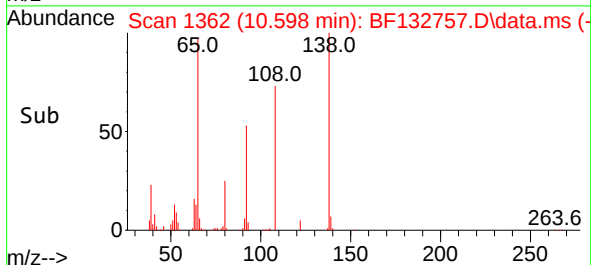
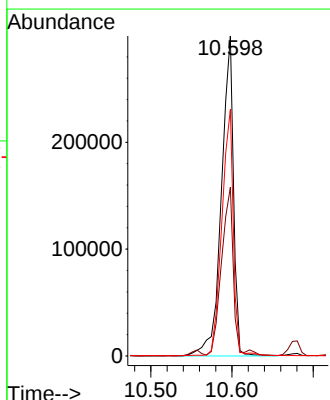
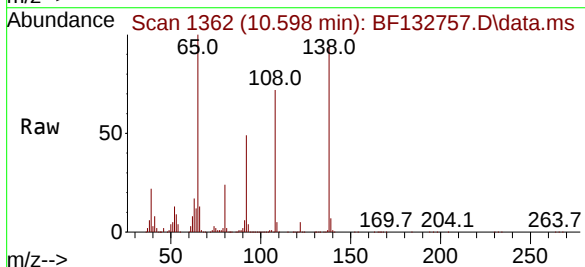
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

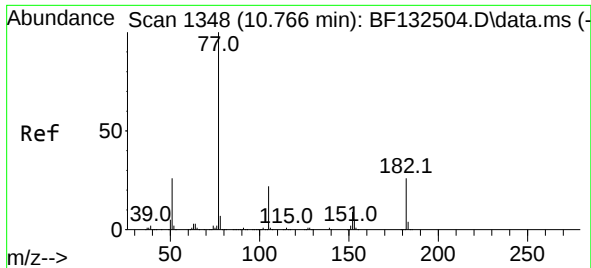
Tgt Ion:204 Resp: 672391
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 56.0 47.8 71.8



#62
4-Nitroaniline
Concen: 40.146 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:138 Resp: 312456
Ion Ratio Lower Upper
138 100
92 52.7 33.8 73.8
108 77.1 63.7 103.7

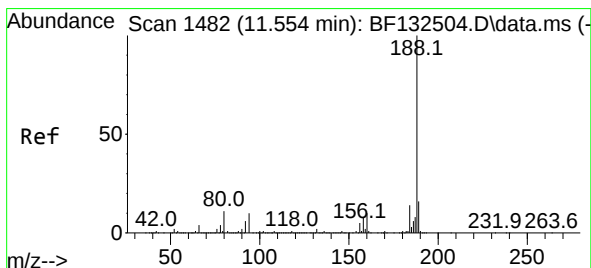
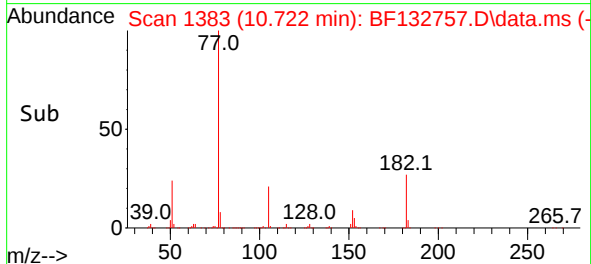
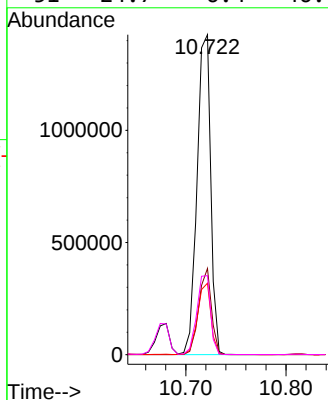
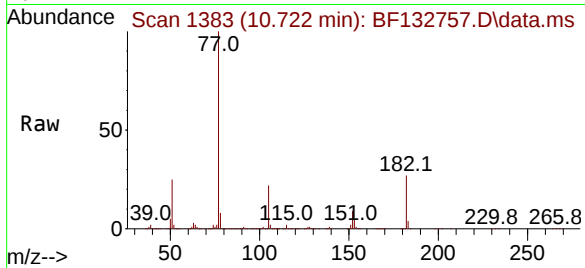




#63
Azobenzene
Concen: 42.010 ng
RT: 10.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

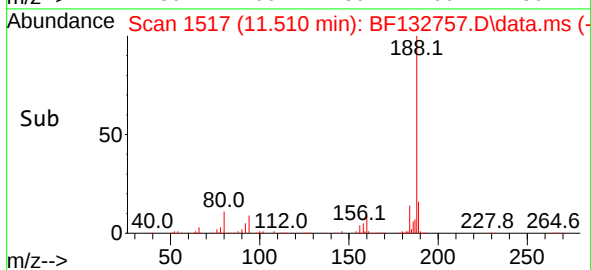
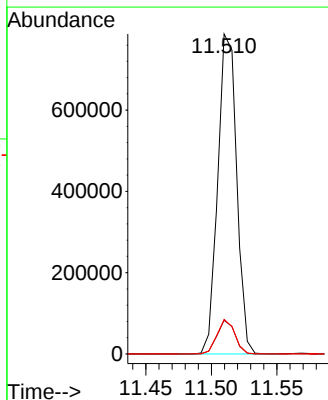
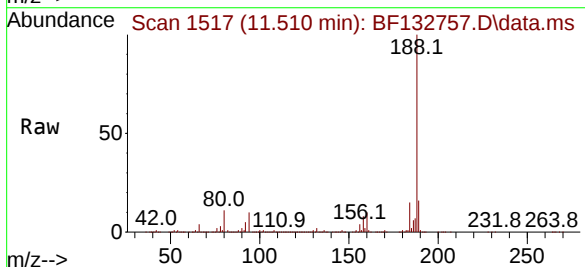
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

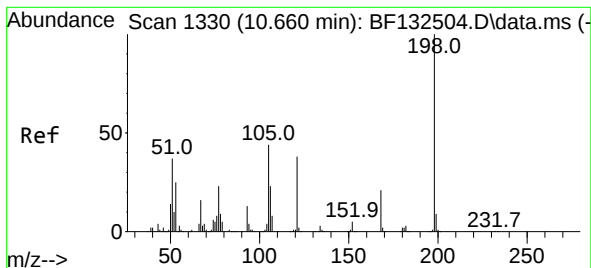
Tgt Ion: 77 Resp: 1352393
Ion Ratio Lower Upper
77 100
182 27.0 5.5 45.5
105 22.4 1.8 41.8
51 24.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 188 Resp: 789011
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.8 8.7 13.1

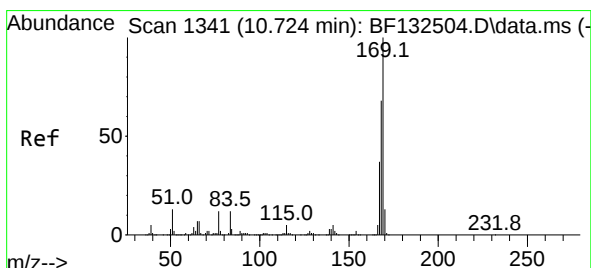
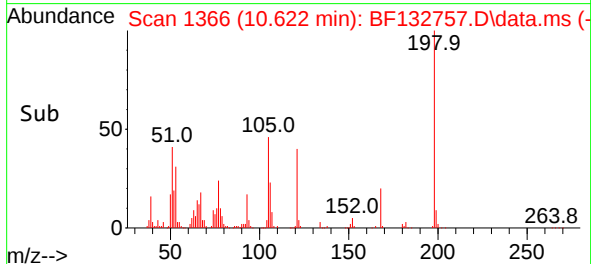
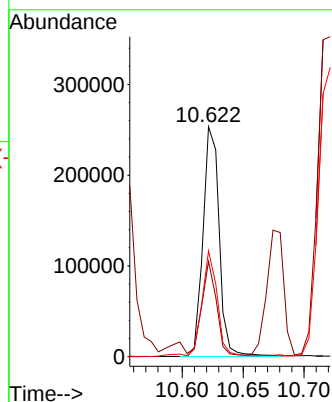
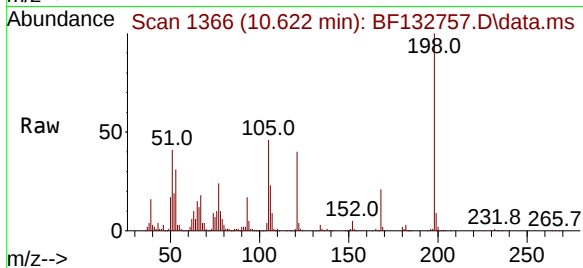




#65
4,6-Dinitro-2-methylphenol
Concen: 44.054 ng
RT: 10.622 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

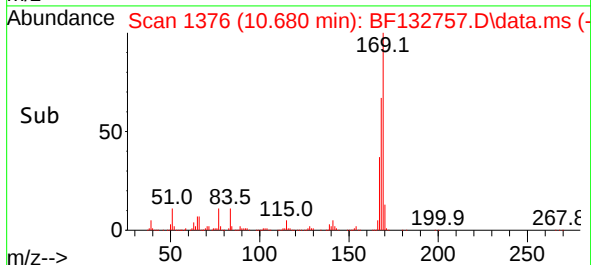
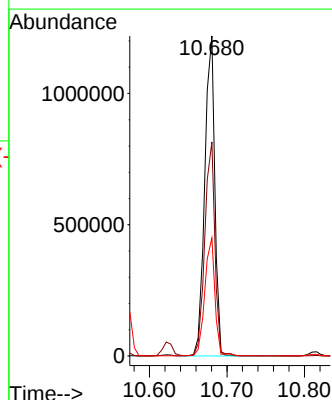
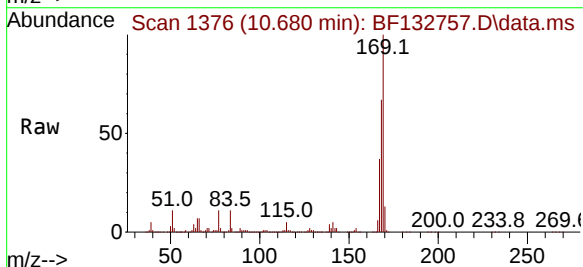
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

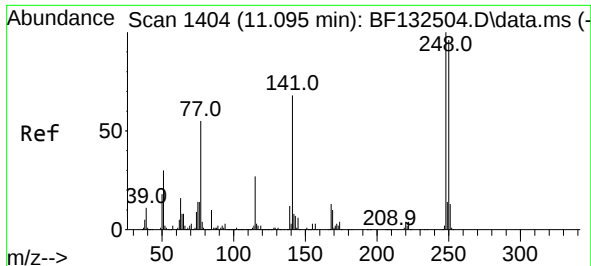
Tgt Ion:198 Resp: 235304
Ion Ratio Lower Upper
198 100
51 41.4 20.6 60.6
105 46.0 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 44.554 ng
RT: 10.680 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:169 Resp: 1095927
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 36.9 29.6 44.4

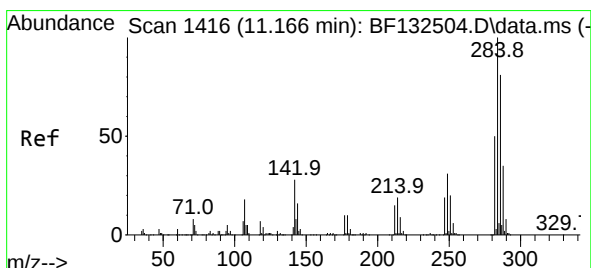
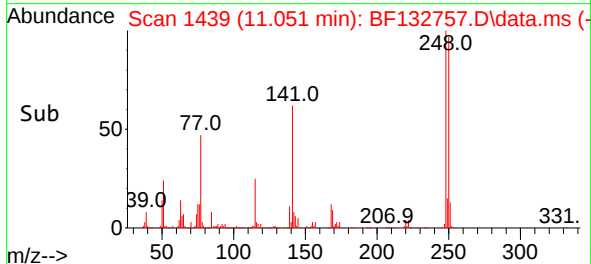
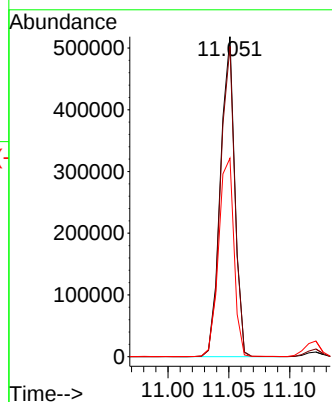
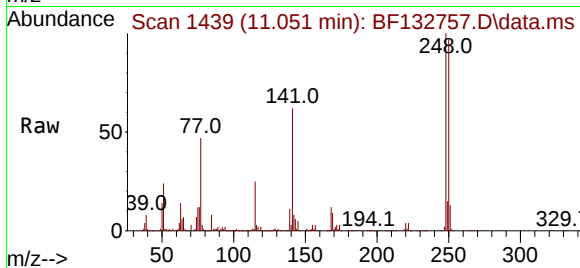




#67
4-Bromophenyl-phenylether
Concen: 47.716 ng
RT: 11.051 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

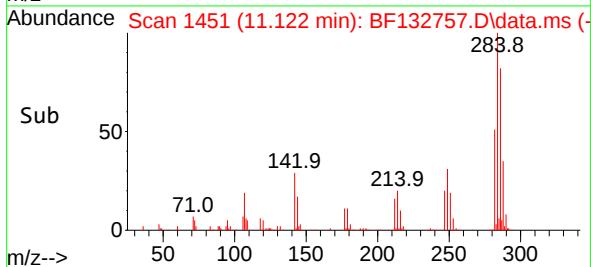
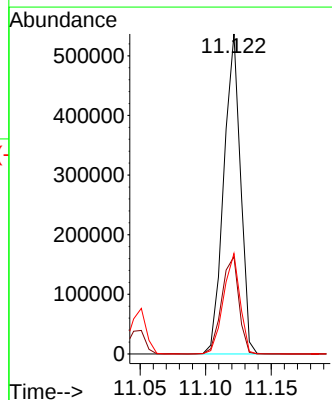
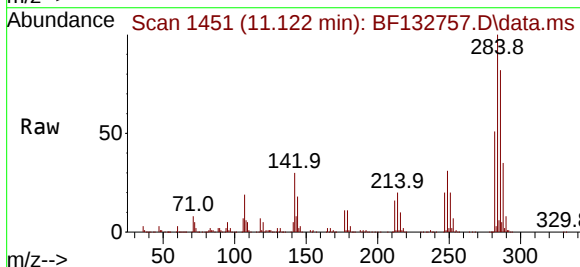
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

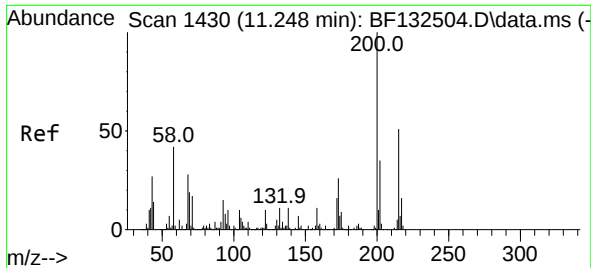
Tgt Ion:248 Resp: 425866
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.4
141 62.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.406 ng
RT: 11.122 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:284 Resp: 473373
Ion Ratio Lower Upper
284 100
142 30.4 22.2 33.4
249 31.4 24.9 37.3

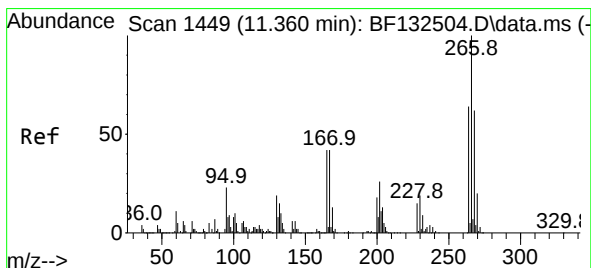
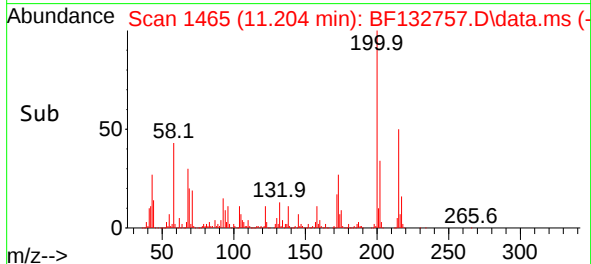
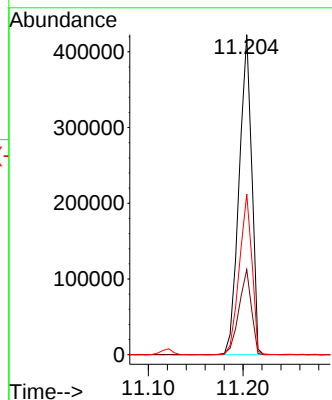
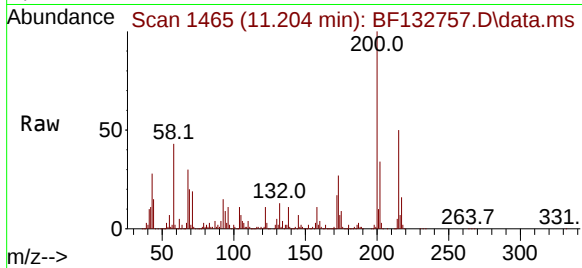




#69
 Atrazine
 Concen: 50.794 ng
 RT: 11.204 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

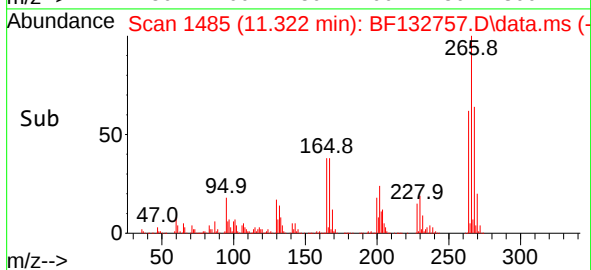
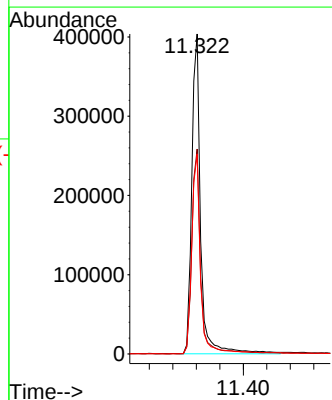
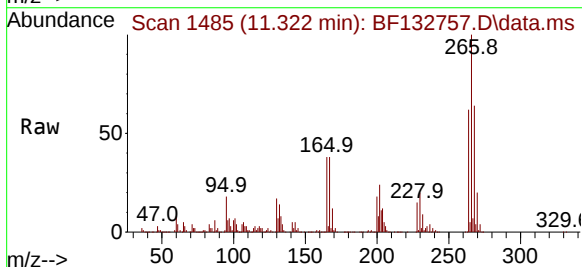
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BSD

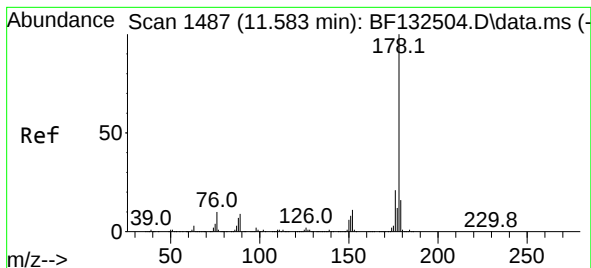
Tgt Ion:200 Resp: 390059
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 50.2 31.0 71.0



#70
 Pentachlorophenol
 Concen: 75.205 ng
 RT: 11.322 min Scan# 1485
 Delta R.T. 0.006 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

Tgt Ion:266 Resp: 420198
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.8 74.6
 264 62.5 50.9 76.3





#71

Phenanthrene

Concen: 43.997 ng

RT: 11.539 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

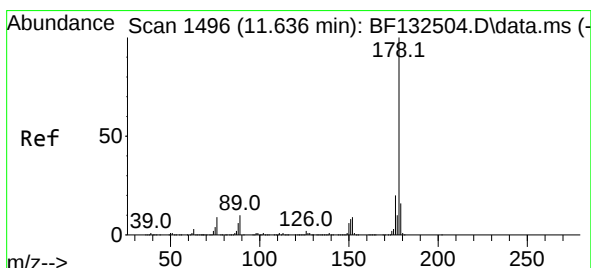
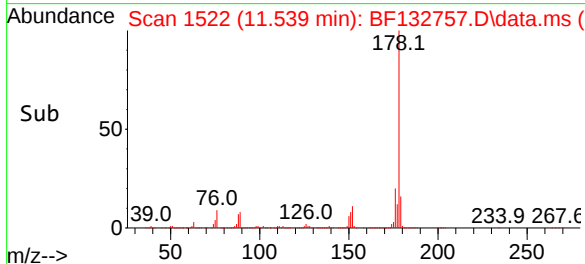
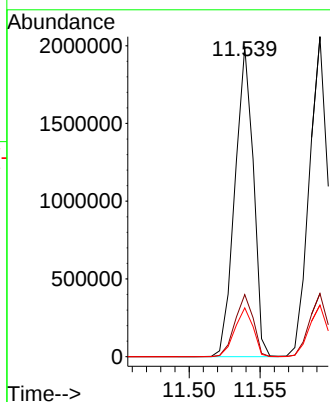
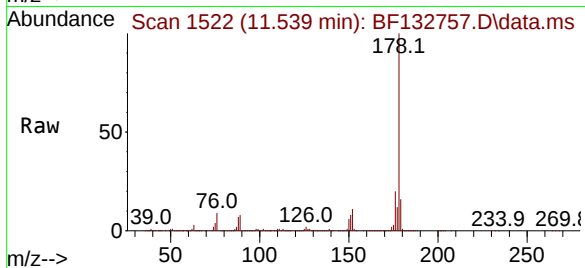
Tgt Ion:178 Resp: 1798358

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

179 15.7 13.0 19.6



#72

Anthracene

Concen: 43.715 ng

RT: 11.592 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

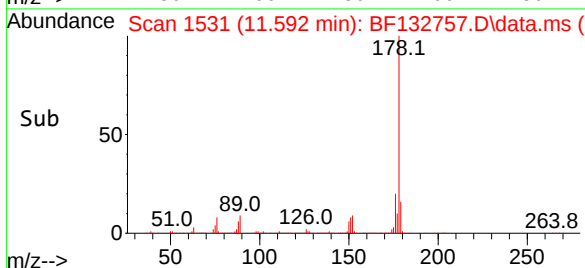
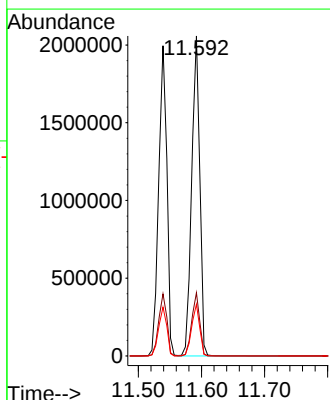
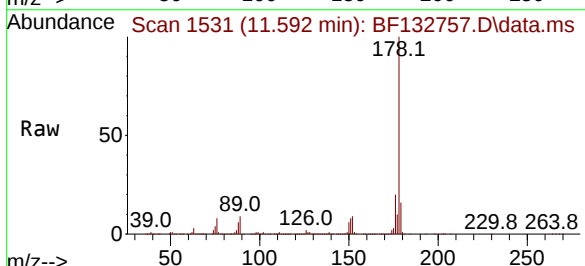
Tgt Ion:178 Resp: 1840028

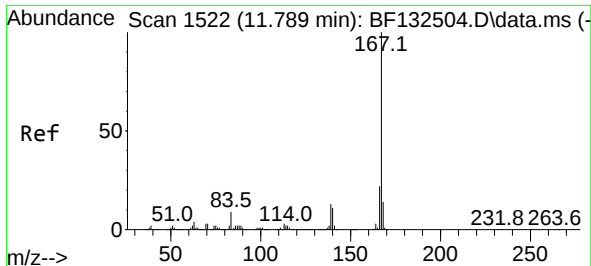
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 16.2 12.5 18.7

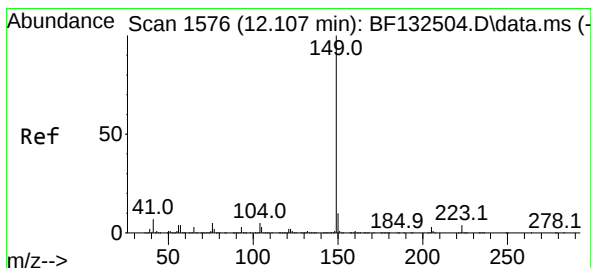
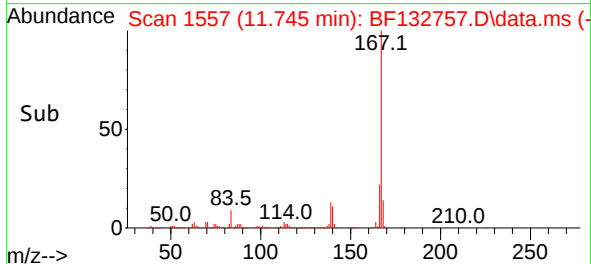
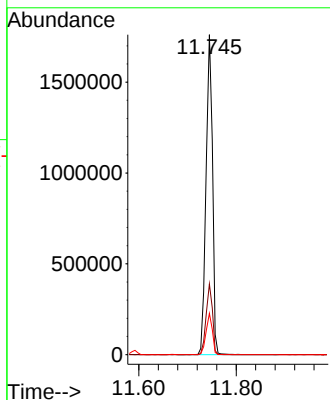
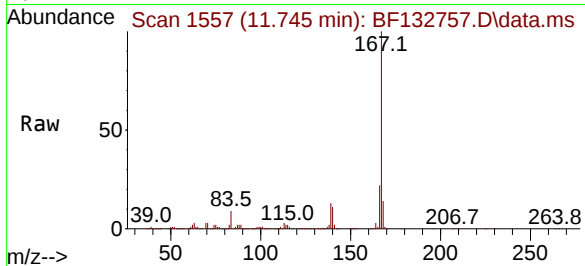




#73
 Carbazole
 Concen: 42.449 ng
 RT: 11.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

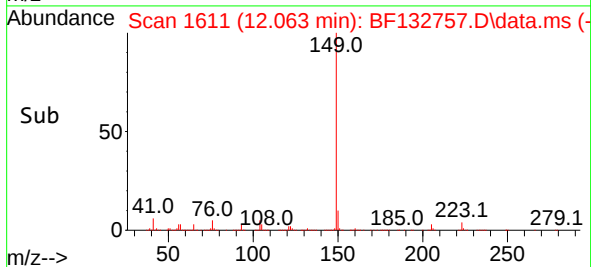
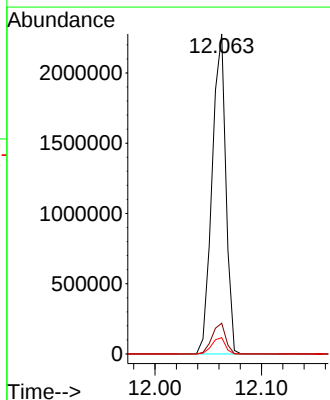
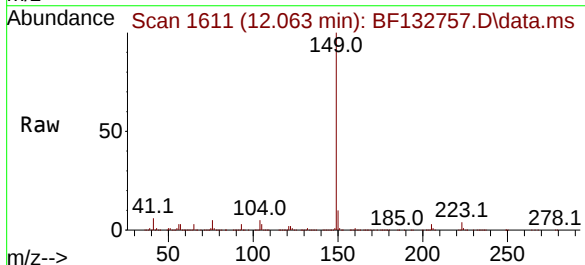
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BSD

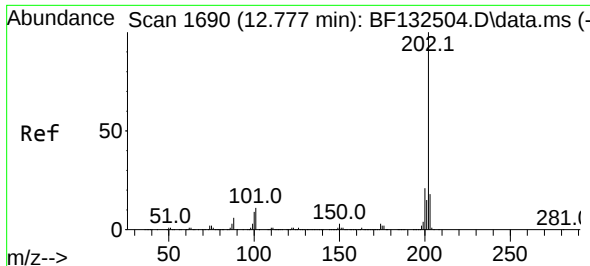
Tgt Ion:167 Resp: 1610937
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.044 ng
 RT: 12.063 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

Tgt Ion:149 Resp: 2049671
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.1 4.3 6.5

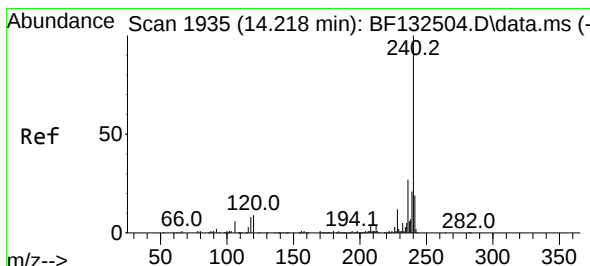
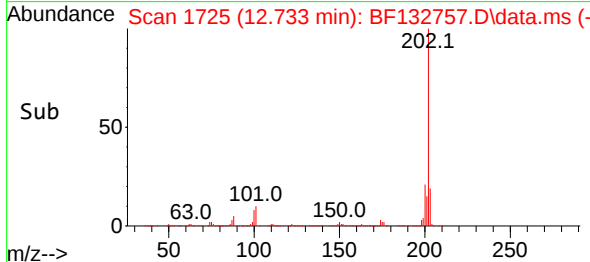
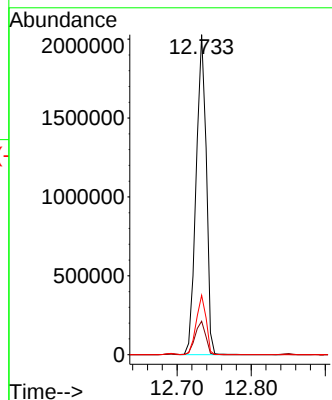
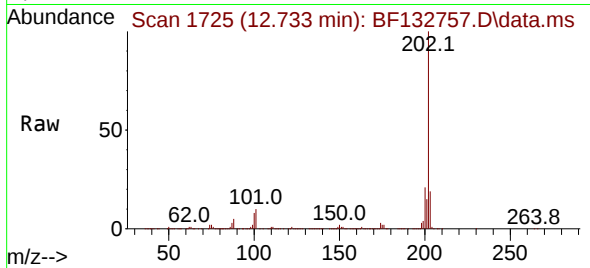




#75
Fluoranthene
Concen: 42.959 ng
RT: 12.733 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

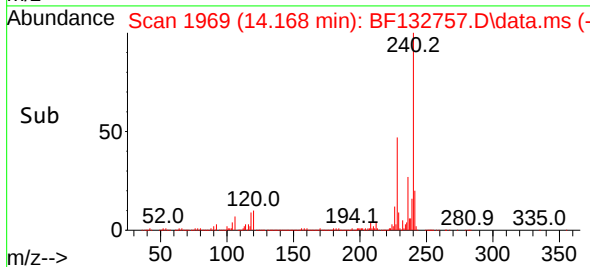
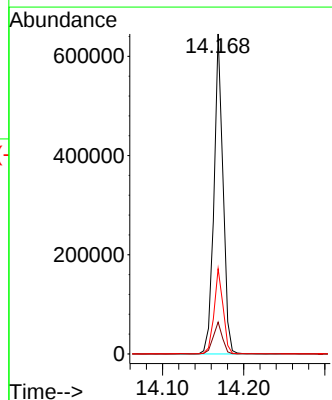
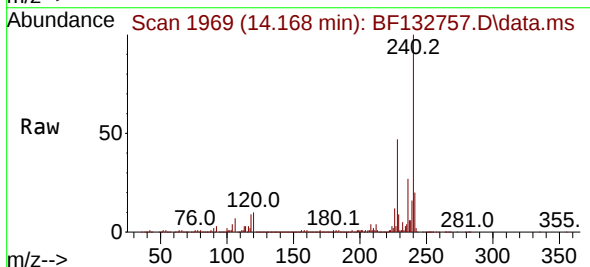
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

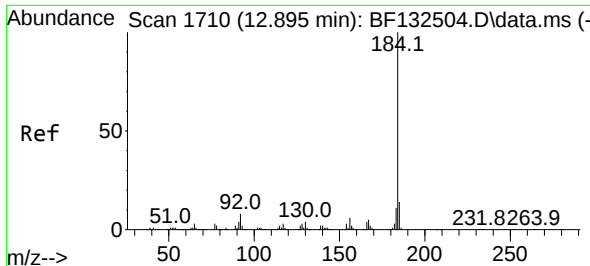
Tgt Ion:202 Resp: 1919597
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:240 Resp: 497292
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.7 21.8 32.6

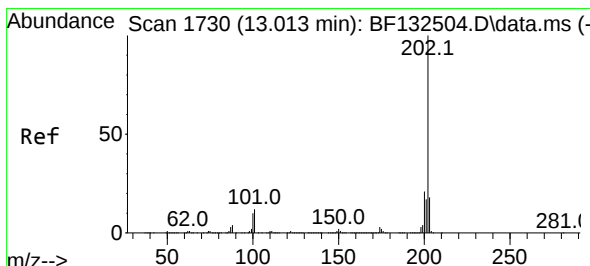
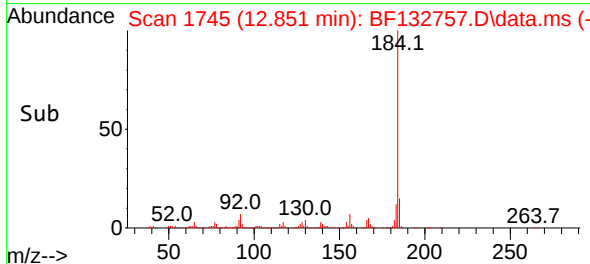
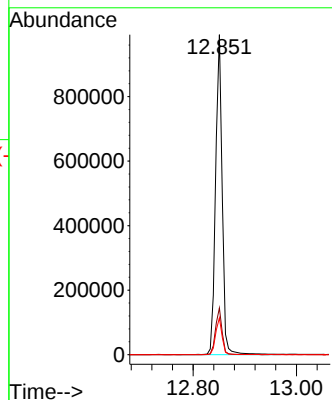
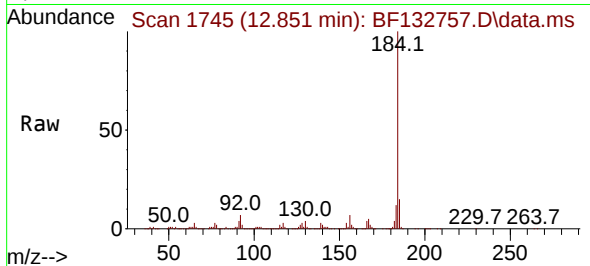




#77
Benzidine
Concen: 72.424 ng
RT: 12.851 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

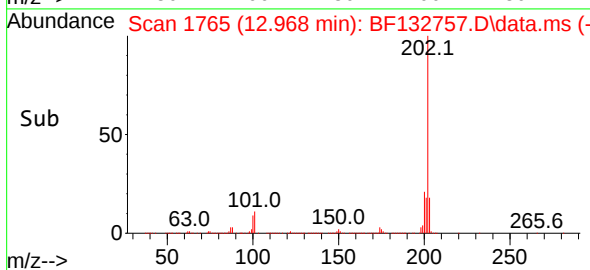
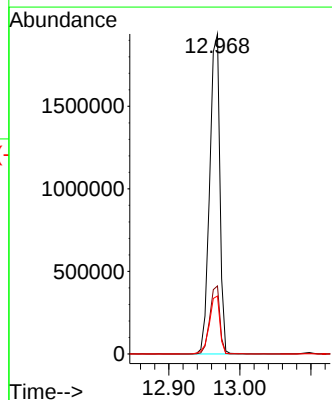
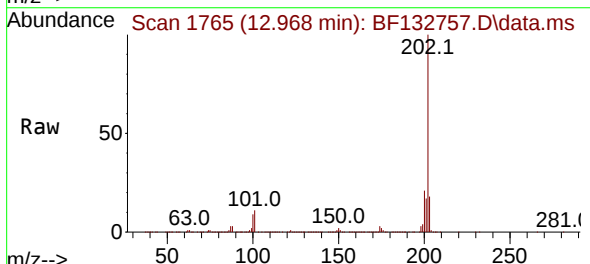
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

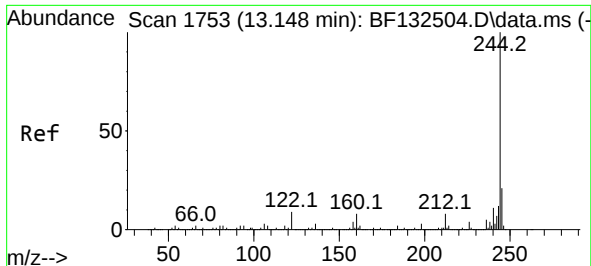
Tgt Ion:184 Resp: 876734
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.5 8.7 13.1



#78
Pyrene
Concen: 42.578 ng
RT: 12.968 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:202 Resp: 1925054
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.1 14.6 21.8

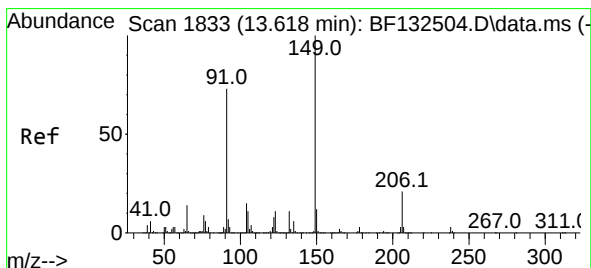
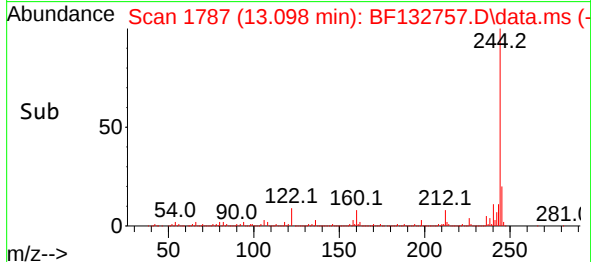
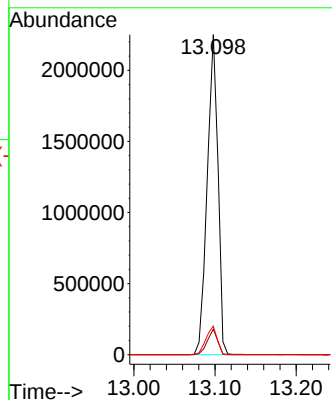
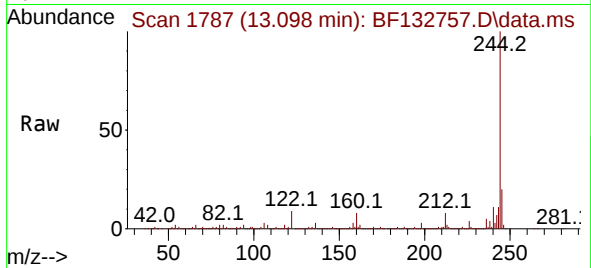




#79
 Terphenyl-d14
 Concen: 69.990 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

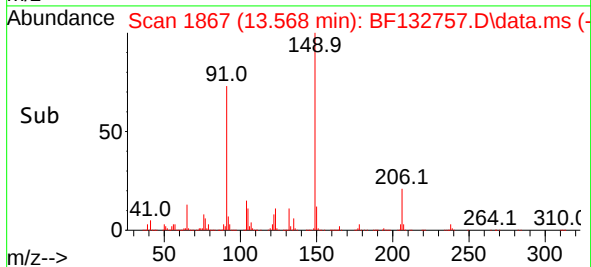
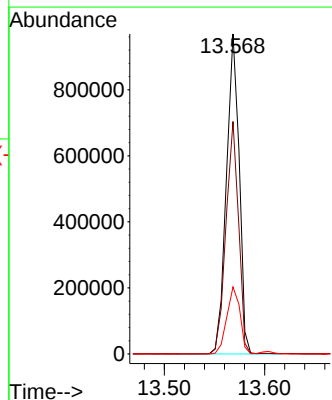
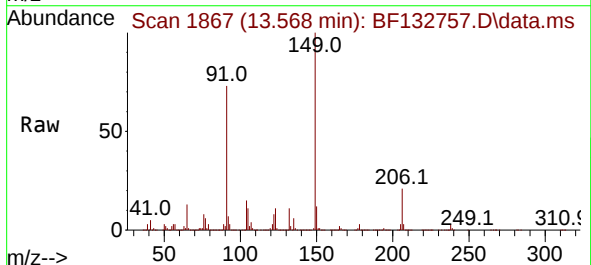
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BSD

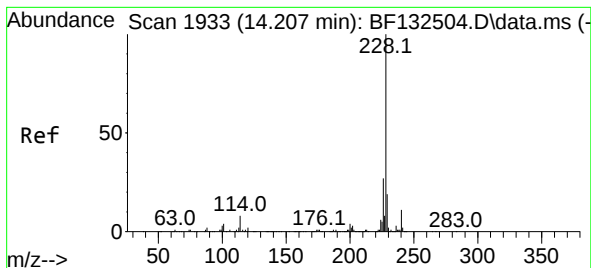
Tgt Ion:244 Resp: 2058599
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 47.912 ng
 RT: 13.568 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

Tgt Ion:149 Resp: 854838
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.4 87.6
 206 21.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.176 ng

RT: 14.157 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

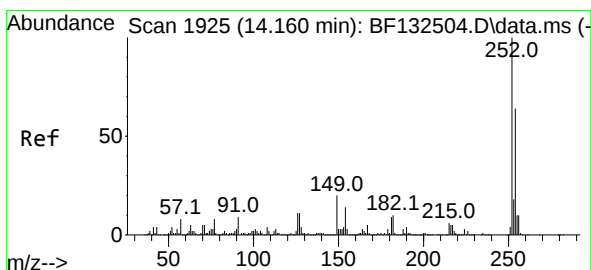
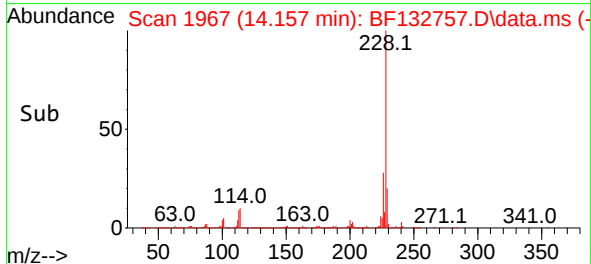
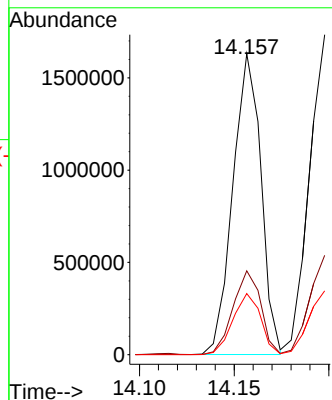
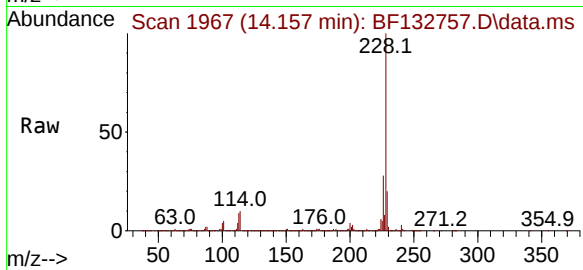
Tgt Ion:228 Resp: 1680936

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 20.3 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 29.323 ng

RT: 14.115 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

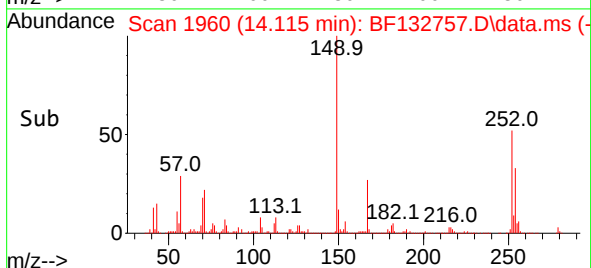
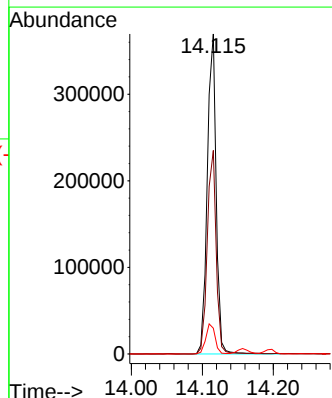
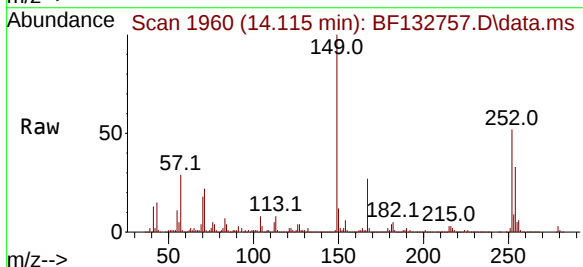
Tgt Ion:252 Resp: 321667

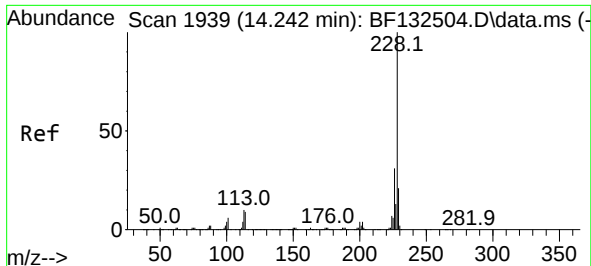
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 8.0 8.9 13.3#

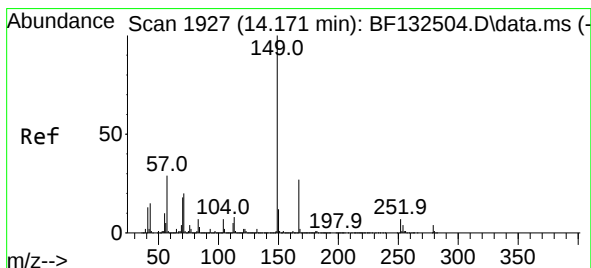
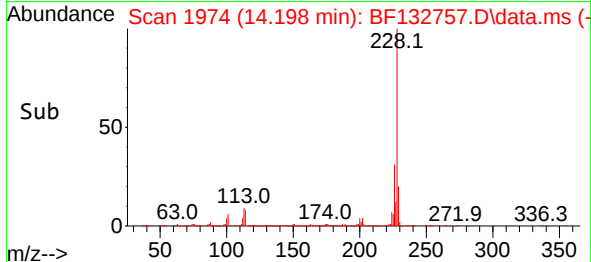
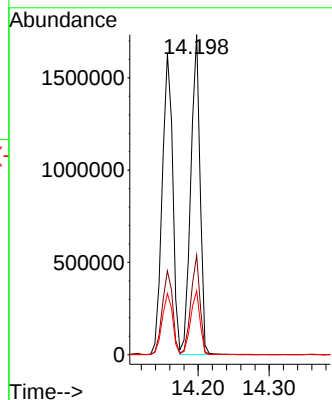
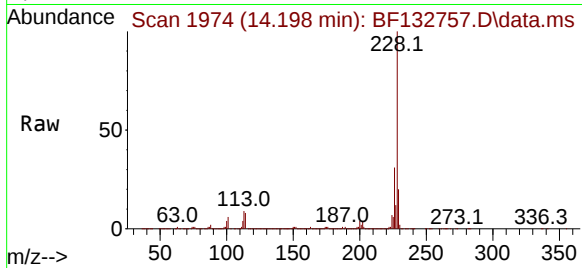




#83
Chrysene
Concen: 45.059 ng
RT: 14.198 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

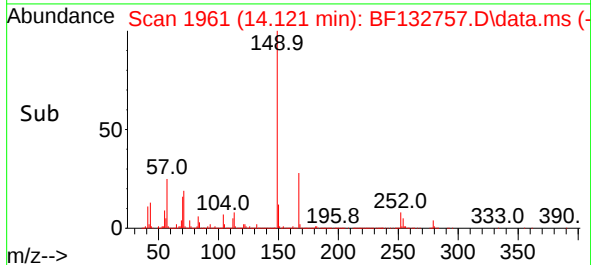
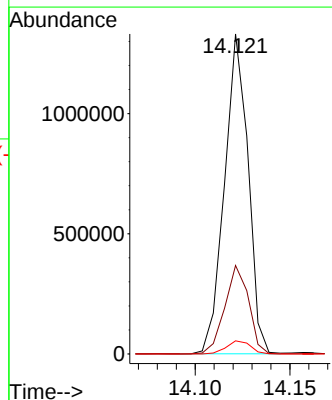
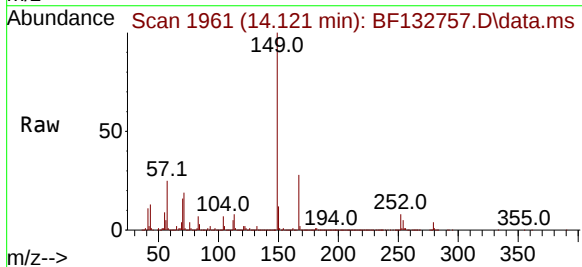
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

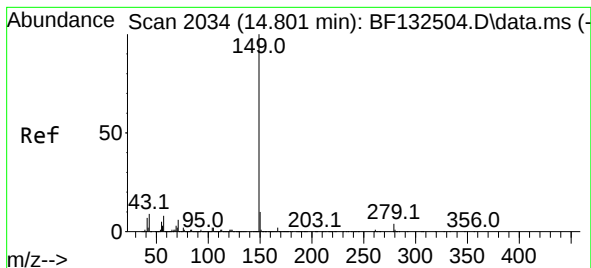
Tgt Ion:228 Resp: 1567812
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.0 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.562 ng
RT: 14.121 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:149 Resp: 1152029
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.6
279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.352 ng

RT: 14.745 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

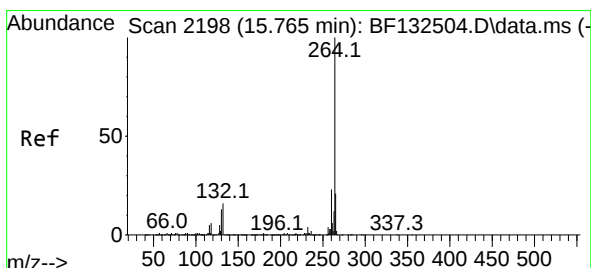
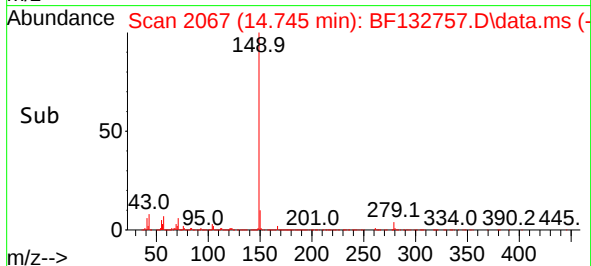
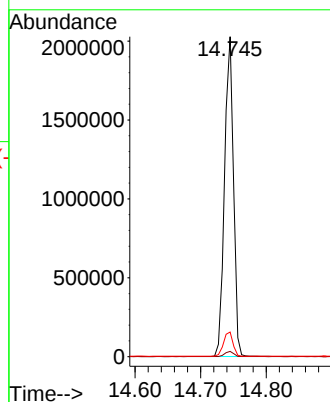
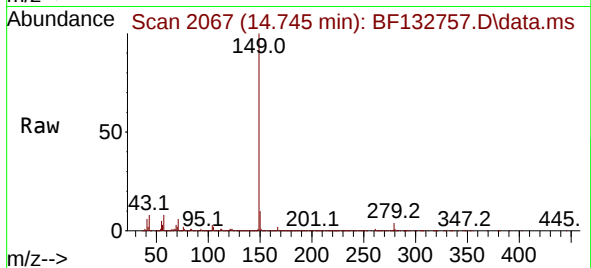
Tgt Ion:149 Resp: 1900944

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

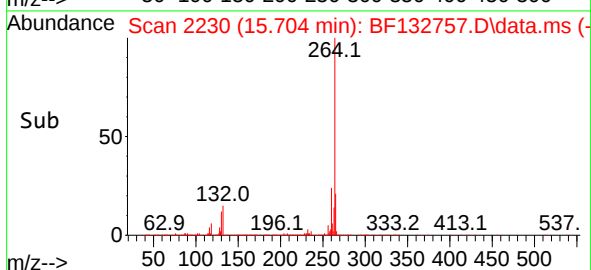
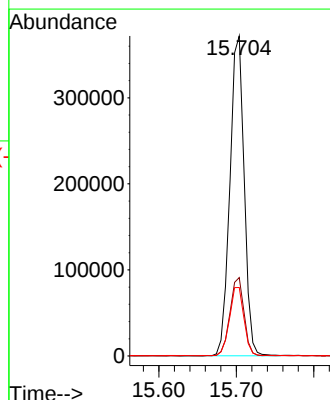
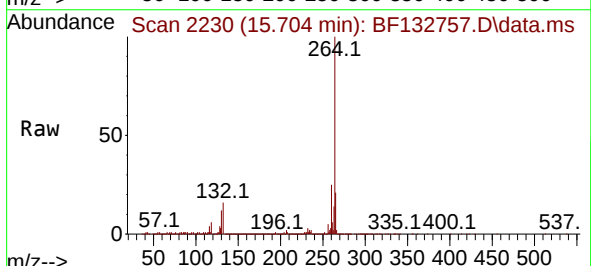
Tgt Ion:264 Resp: 477532

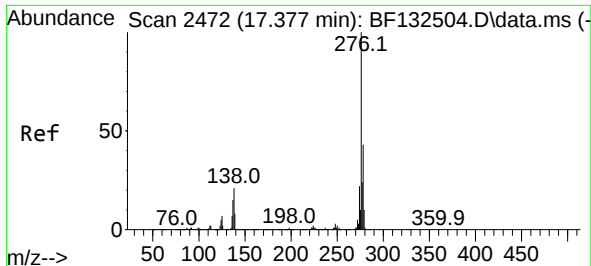
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.4 17.1 25.7

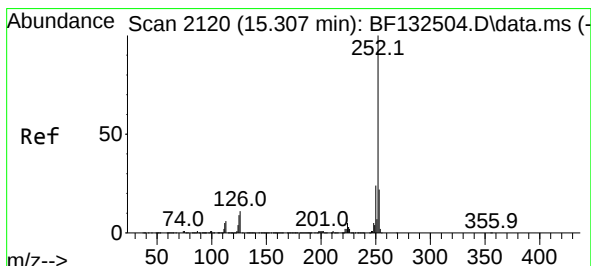
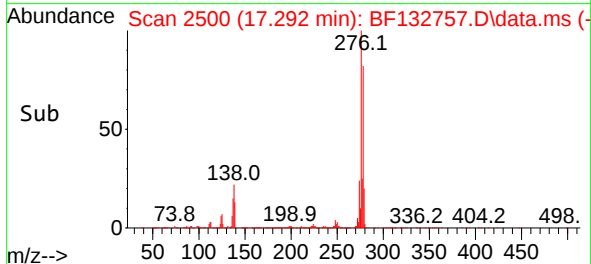
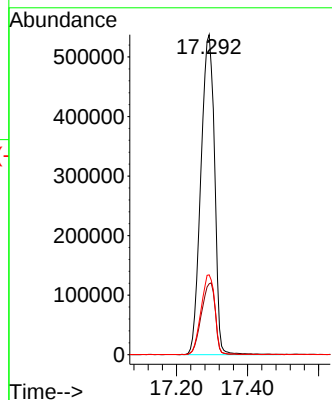
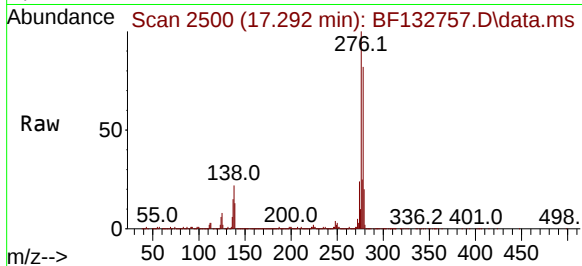




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.057 ng
RT: 17.292 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

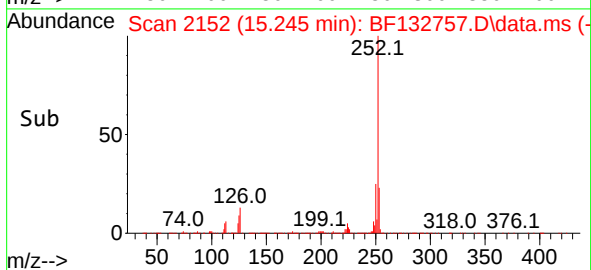
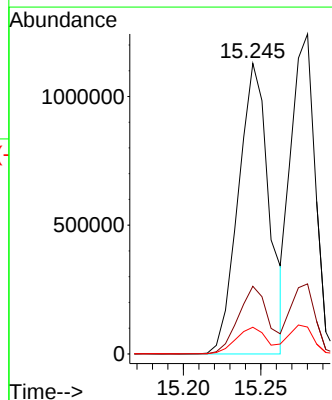
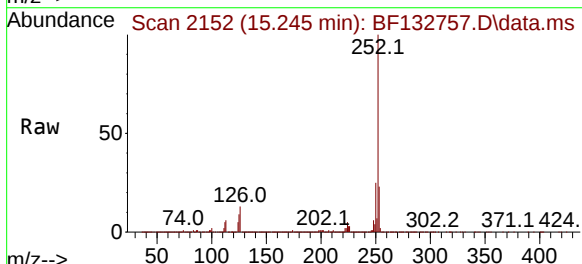
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

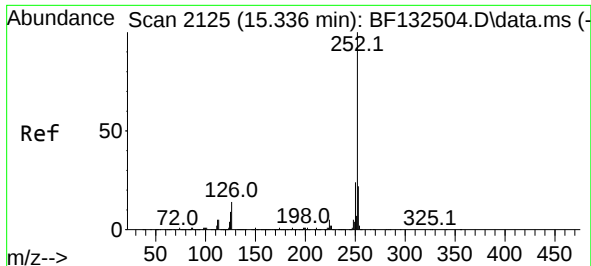
Tgt Ion:276 Resp: 1441121
Ion Ratio Lower Upper
276 100
138 22.6 19.0 28.4
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 48.793 ng
RT: 15.245 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:252 Resp: 1561454
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.2 7.0 10.6

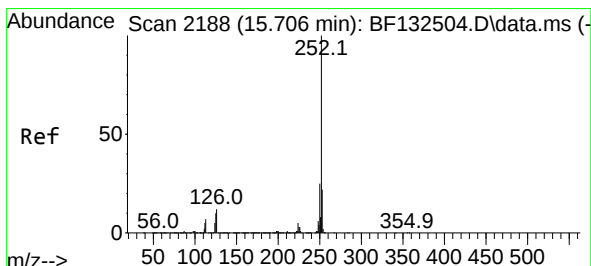
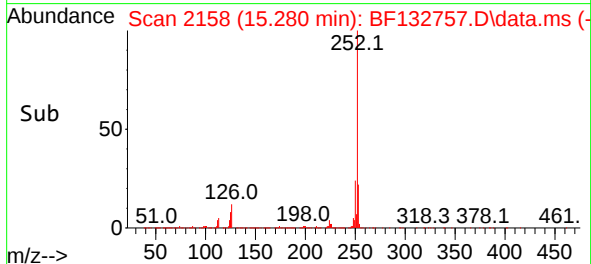
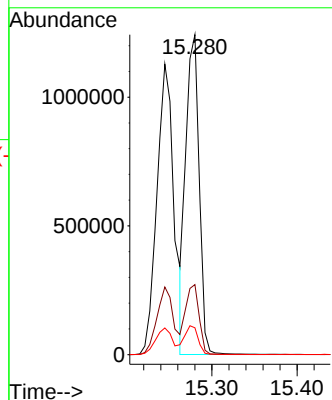
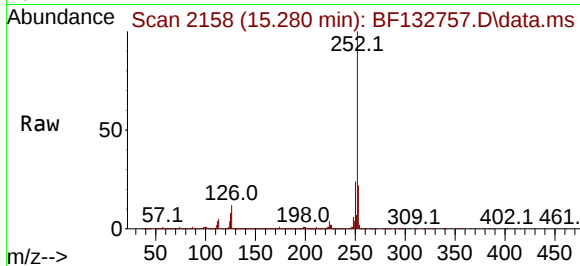




#89
Benzo(k)fluoranthene
Concen: 43.197 ng
RT: 15.280 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

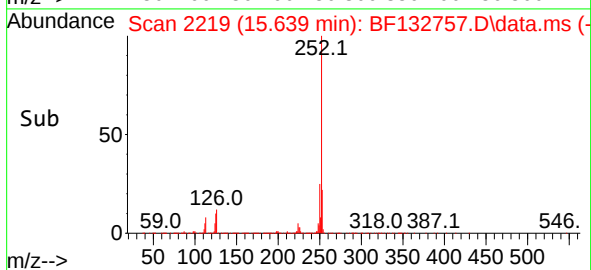
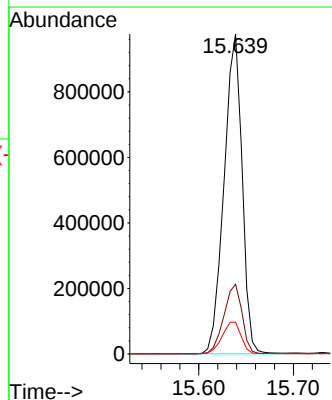
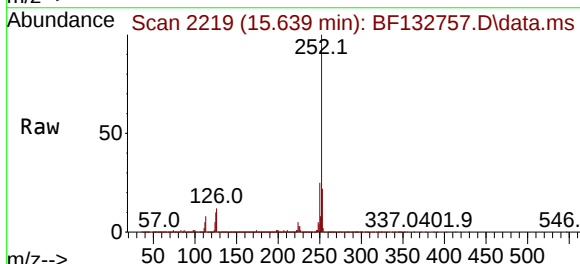
Instrument :
BNA_F
ClientSampleId :
PB151350BSD

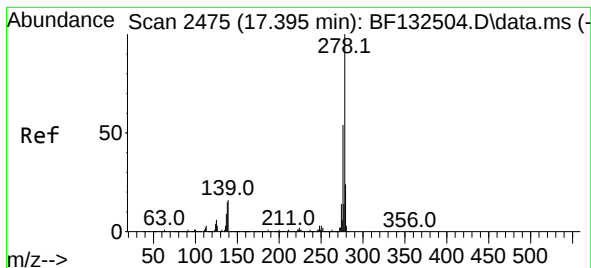
Tgt Ion:252 Resp: 1352918
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 43.158 ng
RT: 15.639 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:252 Resp: 1292623
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.0 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 46.094 ng

RT: 17.303 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

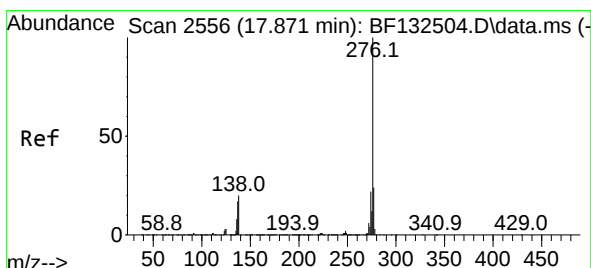
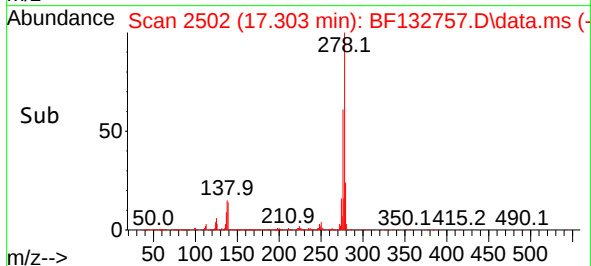
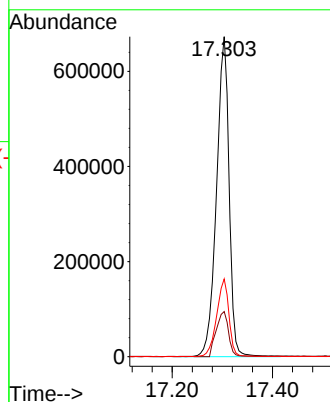
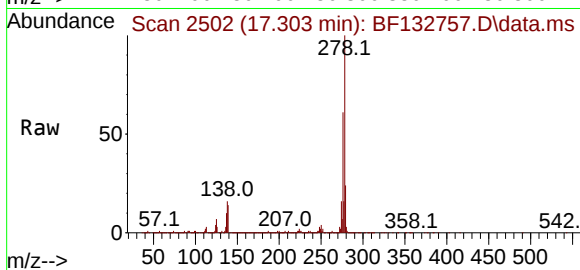
Tgt Ion:278 Resp: 1175115

Ion Ratio Lower Upper

278 100

139 14.1 13.0 19.4

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.425 ng

RT: 17.774 min Scan# 2582

Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:276 Resp: 1186915

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 20.0 16.2 24.4

