

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132435.D
 Acq On : 16 Feb 2023 15:47
 Operator : CG\JU
 Sample : PB150899BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150899BS

Quant Time: Feb 17 04:42:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	229418	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	877067	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	473898	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	845627	20.000	ng	0.00
76) Chrysene-d12	14.242	240	594801	20.000	ng	0.00
86) Perylene-d12	15.801	264	483505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1188778	83.030	ng	0.01
7) Phenol-d6	6.654	99	1549433	82.879	ng	0.00
23) Nitrobenzene-d5	7.601	82	1477460	80.941	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	363584	76.896	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	2124048	69.217	ng	0.00
79) Terphenyl-d14	13.172	244	2520550	77.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.990	88	235601	30.419	ng	99
3) Pyridine	3.737	79	638554	30.372	ng	100
4) n-Nitrosodimethylamine	3.707	42	337086	40.608	ng	98
6) Aniline	6.695	93	868713	33.355	ng	98
8) 2-Chlorophenol	6.819	128	638989	43.717	ng	94
9) Benzaldehyde	6.578	77	165072	16.514	ng	99
10) Phenol	6.672	94	904565	45.657	ng	99
11) bis(2-Chloroethyl)ether	6.766	93	742029	44.154	ng	100
12) 1,3-Dichlorobenzene	6.972	146	654835	41.126	ng	97
13) 1,4-Dichlorobenzene	7.048	146	654257	41.191	ng	99
14) 1,2-Dichlorobenzene	7.201	146	643921	44.249	ng	97
15) Benzyl Alcohol	7.172	79	622424	45.010	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.301	45	990965	42.409	ng	98
17) 2-Methylphenol	7.278	107	550921	39.594	ng	99
18) Hexachloroethane	7.548	117	267243	44.560	ng	96
19) n-Nitroso-di-n-propyla...	7.448	70	471671	41.154	ng	99
20) 3+4-Methylphenols	7.431	107	656715	38.227	ng	# 84
22) Acetophenone	7.442	105	877936	38.623	ng	99
24) Nitrobenzene	7.619	77	789571	39.453	ng	97
25) Isophorone	7.854	82	1424901	39.726	ng	99
26) 2-Nitrophenol	7.931	139	339619	43.654	ng	96
27) 2,4-Dimethylphenol	7.960	122	565203	40.238	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	821543	39.194	ng	99
29) 2,4-Dichlorophenol	8.172	162	529139	39.931	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	581941	39.487	ng	97
31) Naphthalene	8.342	128	1688120	37.088	ng	99
32) Benzoic acid	8.095	122	428544	43.105	ng	99
33) 4-Chloroaniline	8.384	127	385564	20.389	ng	98
34) Hexachlorobutadiene	8.454	225	371776	39.958	ng	100
35) Caprolactam	8.766	113	117610	27.338	ng	94
36) 4-Chloro-3-methylphenol	8.866	107	591785	39.912	ng	100
37) 2-Methylnaphthalene	9.037	142	1111013	36.269	ng	100
38) 1-Methylnaphthalene	9.136	142	1053762	36.615	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	568233	37.005	ng	99
41) Hexachlorocyclopentadiene	9.189	237	714384	84.703	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	399577	39.502	ng	99

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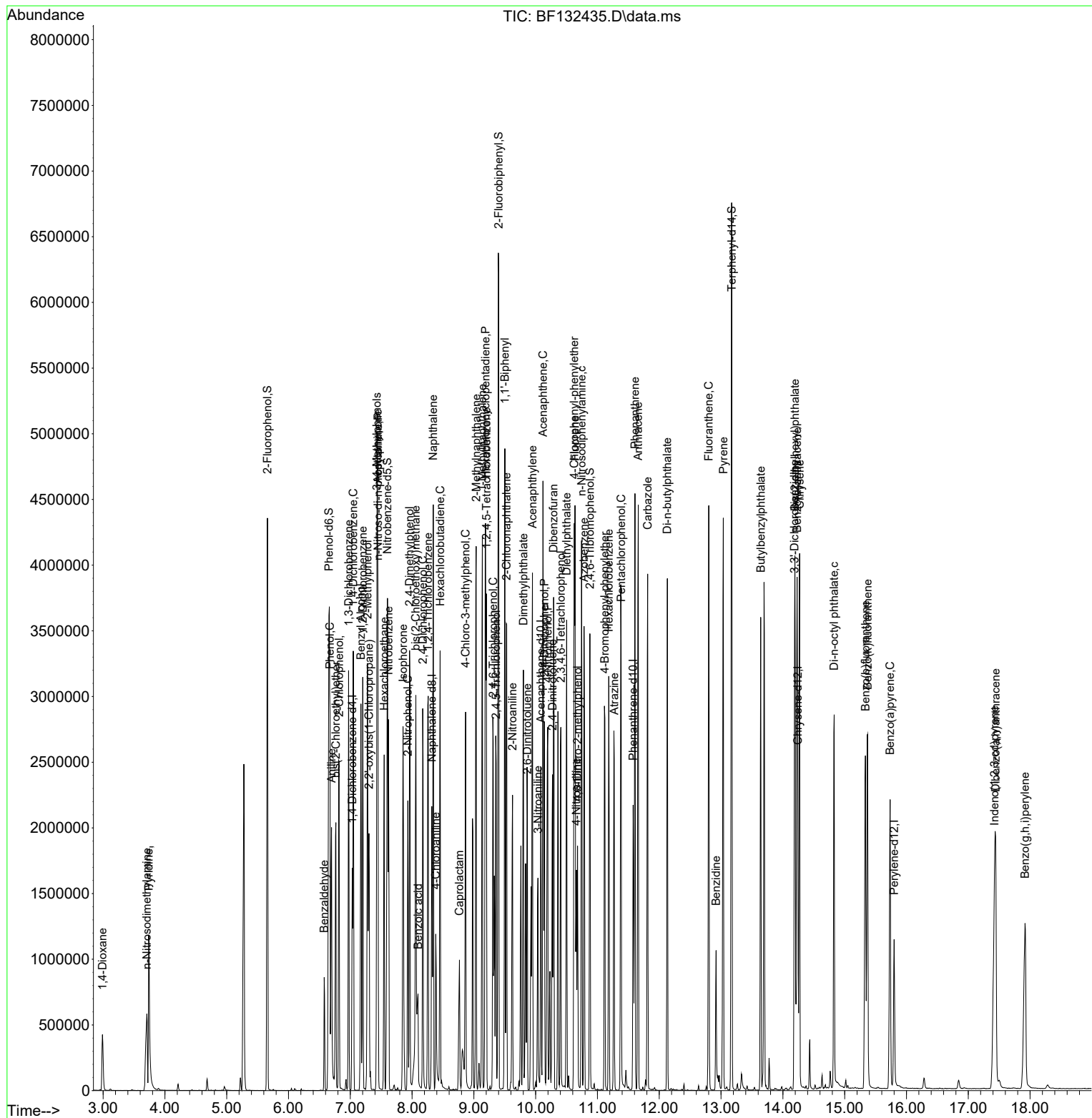
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.360	196	420730	35.710	ng	96
46) 1,1'-Biphenyl	9.501	154	1328635	36.224	ng	99
47) 2-Chloronaphthalene	9.531	162	1080961	37.548	ng	99
48) 2-Nitroaniline	9.625	65	396266	39.231	ng	92
49) Acenaphthylene	9.948	152	1651595	36.108	ng	100
50) Dimethylphthalate	9.801	163	1261492	36.147	ng	100
51) 2,6-Dinitrotoluene	9.866	165	291011	38.344	ng	88
52) Acenaphthene	10.119	154	1166175	40.968	ng	100
53) 3-Nitroaniline	10.036	138	255576	29.330	ng	98
54) 2,4-Dinitrophenol	10.142	184	354755	75.579	ng #	91
55) Dibenzofuran	10.289	168	1492128	35.330	ng	98
56) 4-Nitrophenol	10.195	139	488935	77.342	ng	90
57) 2,4-Dinitrotoluene	10.272	165	385716	38.608	ng	100
58) Fluorene	10.636	166	1128733	35.350	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.407	232	347193	38.991	ng	99
60) Diethylphthalate	10.501	149	1228018	35.796	ng	100
61) 4-Chlorophenyl-phenyle...	10.625	204	586103	35.051	ng	97
62) 4-Nitroaniline	10.660	138	307564	37.826	ng	99
63) Azobenzene	10.783	77	1375819	36.246	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	223671	42.544	ng	83
66) n-Nitrosodiphenylamine	10.742	169	1014638	39.093	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	367765	39.681	ng	95
68) Hexachlorobenzene	11.183	284	408571	42.173	ng	98
69) Atrazine	11.272	200	344323	43.100	ng	99
70) Pentachlorophenol	11.383	266	455222	75.578	ng	100
71) Phenanthrene	11.607	178	1671742	38.384	ng	99
72) Anthracene	11.660	178	1688753	37.718	ng	99
73) Carbazole	11.813	167	1569549	38.944	ng	99
74) Di-n-butylphthalate	12.130	149	1891118	39.395	ng	99
75) Fluoranthene	12.801	202	1859572	38.286	ng	99
77) Benzidine	12.919	184	460799	36.382	ng	99
78) Pyrene	13.036	202	1910788	37.816	ng	99
80) Butylbenzylphthalate	13.642	149	784687	41.618	ng	97
81) Benzo(a)anthracene	14.230	228	1659137	38.085	ng	100
82) 3,3'-Dichlorobenzidine	14.189	252	463703	39.850	ng #	98
83) Chrysene	14.271	228	1532796	36.826	ng	99
84) Bis(2-ethylhexyl)phtha...	14.195	149	975327	39.960	ng	100
85) Di-n-octyl phthalate	14.830	149	1546211	43.628	ng	99
87) Indeno(1,2,3-cd)pyrene	17.424	276	1404116	45.430	ng	99
88) Benzo(b)fluoranthene	15.336	252	1412762	44.432	ng	100
89) Benzo(k)fluoranthene	15.371	252	1404814	44.151	ng	99
90) Benzo(a)pyrene	15.736	252	1222525	41.373	ng	99
91) Dibenzo(a,h)anthracene	17.442	278	1167362	45.857	ng	98
92) Benzo(g,h,i)perylene	17.918	276	1225642	46.882	ng	99

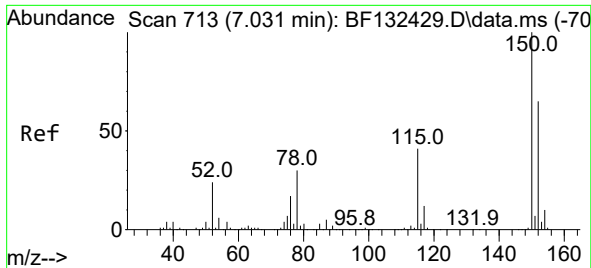
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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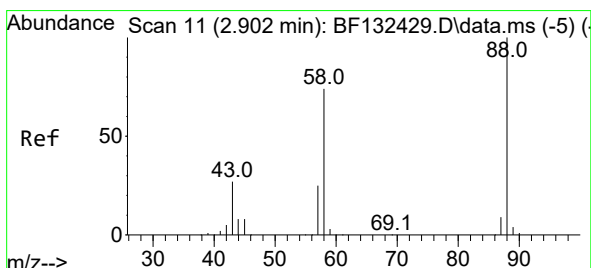
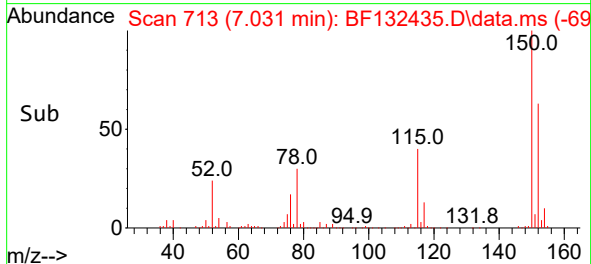
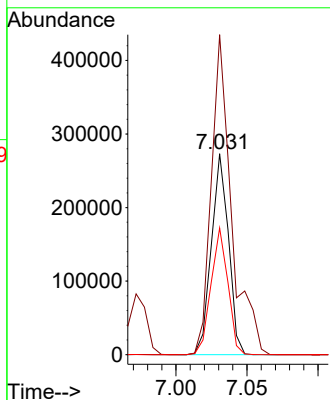
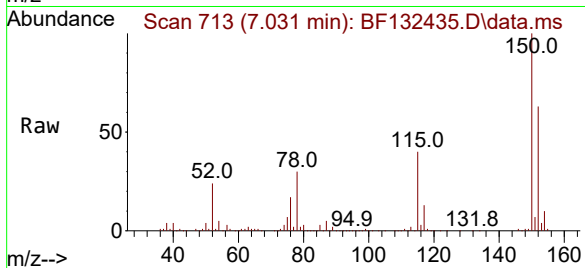




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: BF132435.D
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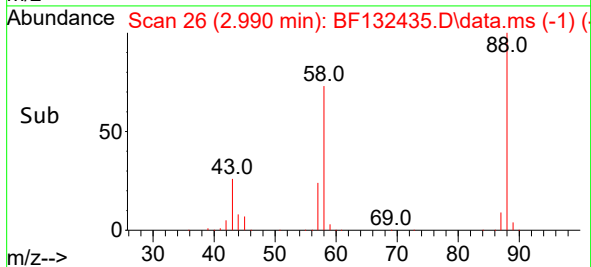
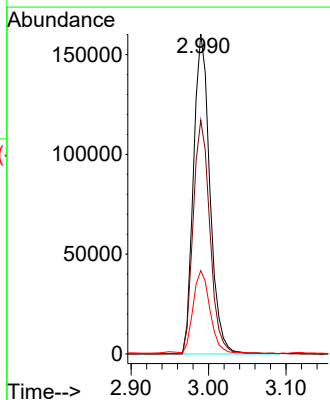
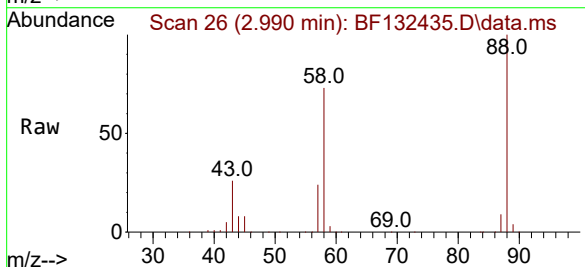
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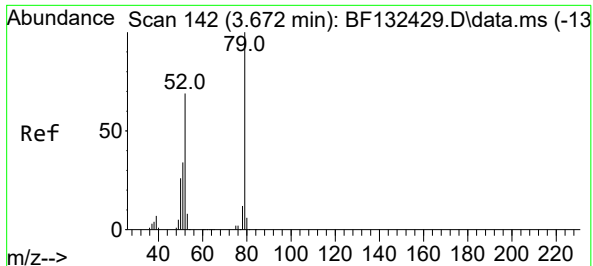
Tgt Ion:152 Resp: 229418
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.8 185.8
 115 63.1 50.4 75.6



#2
 1,4-Dioxane
 Concen: 30.419 ng
 RT: 2.990 min Scan# 26
 Delta R.T. 0.088 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion: 88 Resp: 235601
 Ion Ratio Lower Upper
 88 100
 58 74.7 60.1 90.1
 43 26.6 21.5 32.3

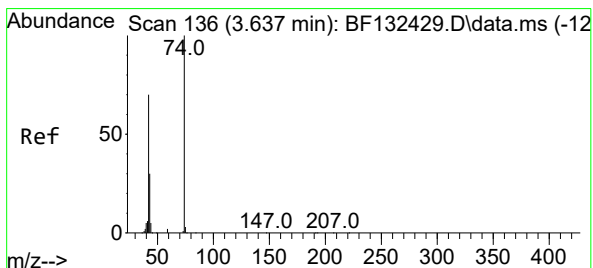
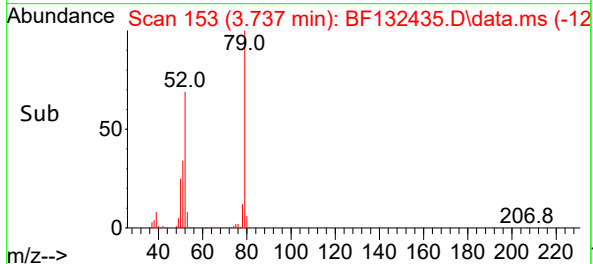
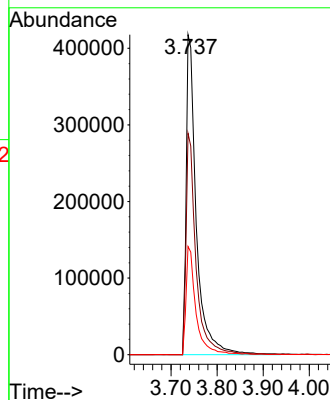
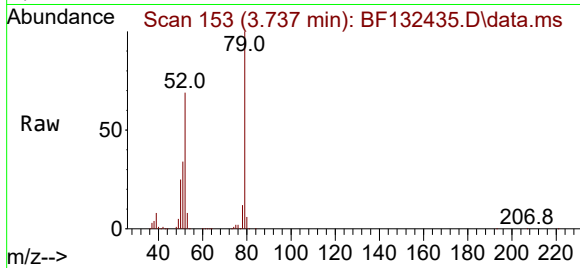




#3
 Pyridine
 Concen: 30.372 ng
 RT: 3.737 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

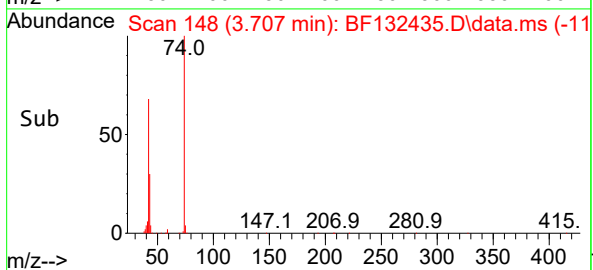
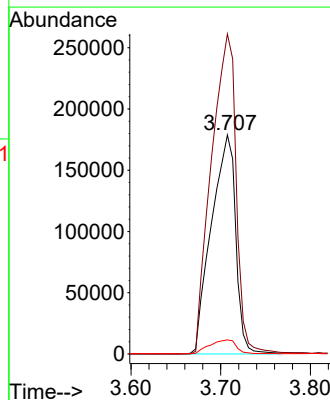
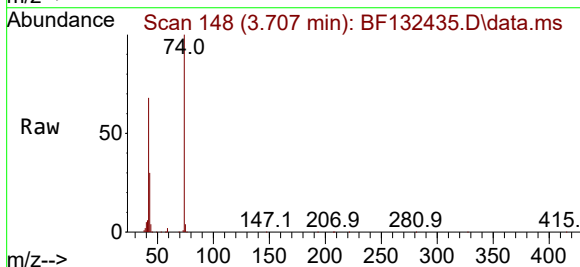
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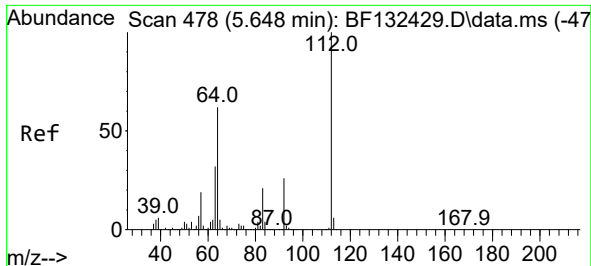
Tgt Ion: 79 Resp: 638554
 Ion Ratio Lower Upper
 79 100
 52 69.1 55.0 82.6
 51 33.8 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 40.608 ng
 RT: 3.707 min Scan# 148
 Delta R.T. 0.071 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion: 42 Resp: 337086
 Ion Ratio Lower Upper
 42 100
 74 146.0 115.1 172.7
 44 6.5 5.7 8.5

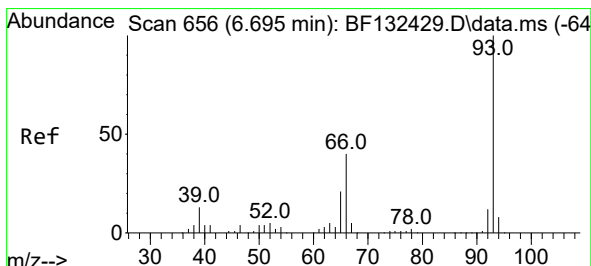
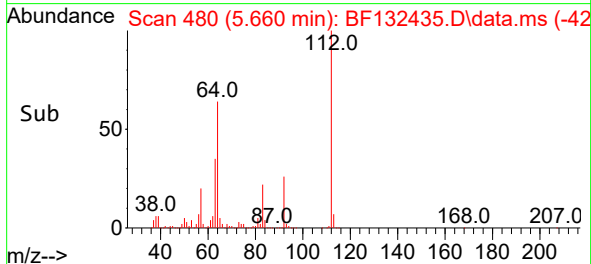
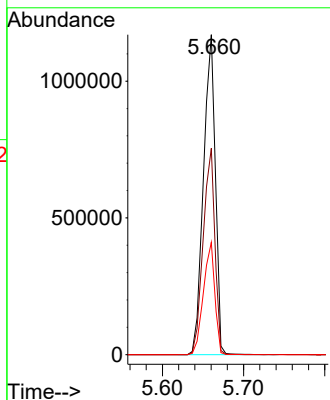
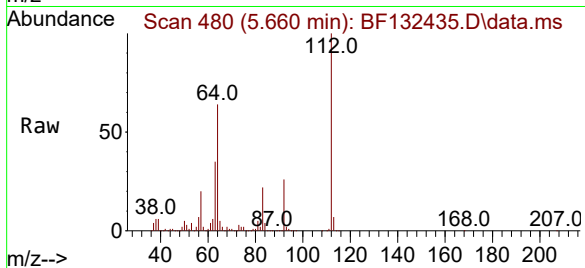




#5
2-Fluorophenol
Concen: 83.030 ng
RT: 5.660 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

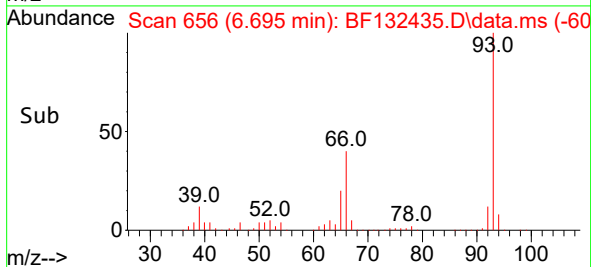
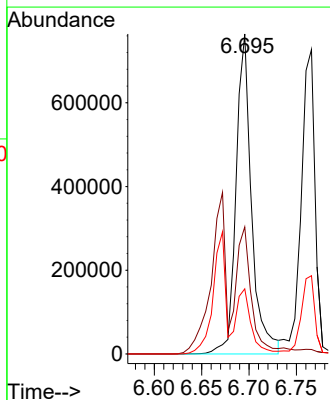
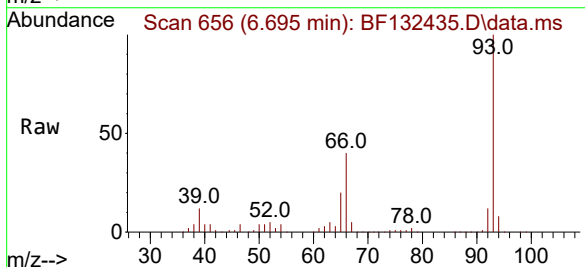
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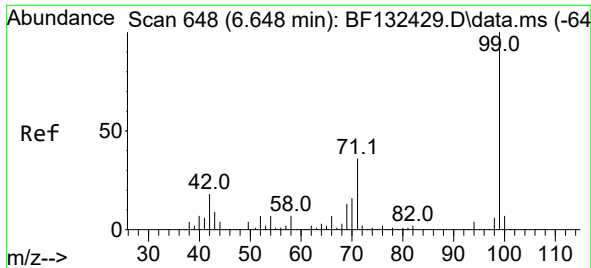
Tgt Ion:112 Resp: 1188778
Ion Ratio Lower Upper
112 100
64 64.5 49.7 74.5
63 35.1 25.8 38.8



#6
Aniline
Concen: 33.355 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion: 93 Resp: 868713
Ion Ratio Lower Upper
93 100
66 39.7 32.7 49.1
65 20.4 17.1 25.7





#7

Phenol-d6

Concen: 82.879 ng

RT: 6.654 min Scan# 64

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

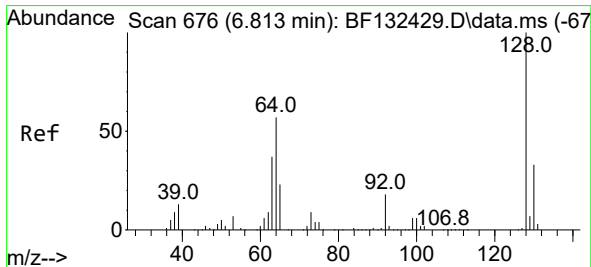
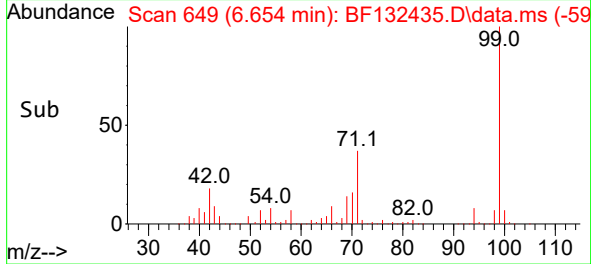
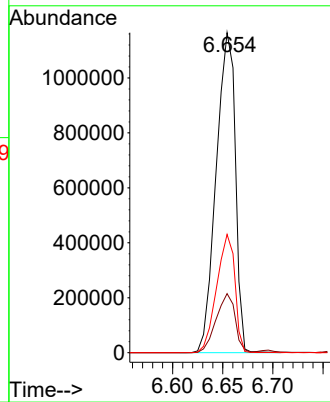
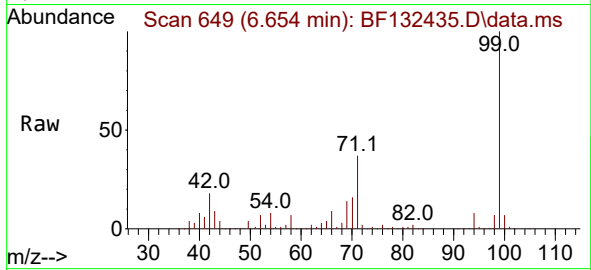
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Tgt Ion: 99 Resp: 1549433

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	36.9	28.7	43.1



#8

2-Chlorophenol

Concen: 43.717 ng

RT: 6.819 min Scan# 677

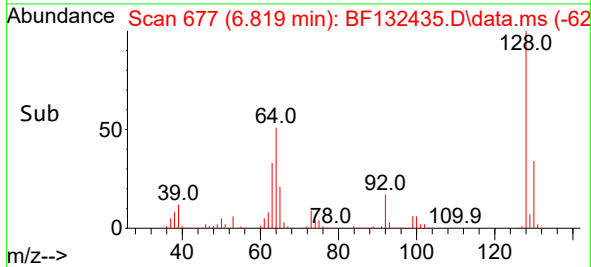
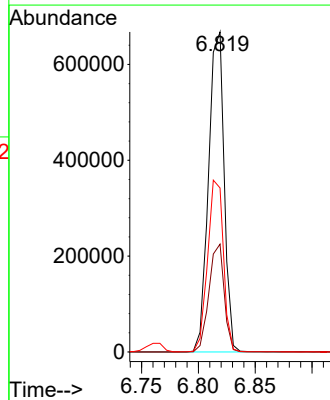
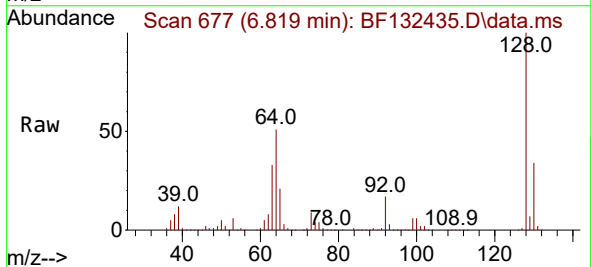
Delta R.T. 0.006 min

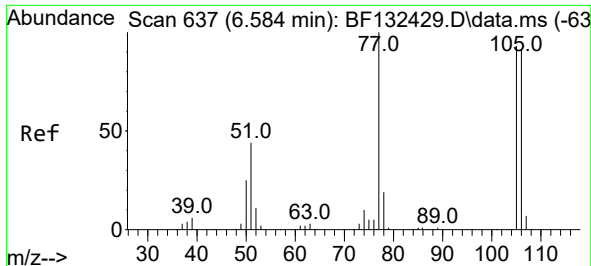
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Tgt Ion:128 Resp: 638989

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.0	53.0
64	51.2	37.9	77.9

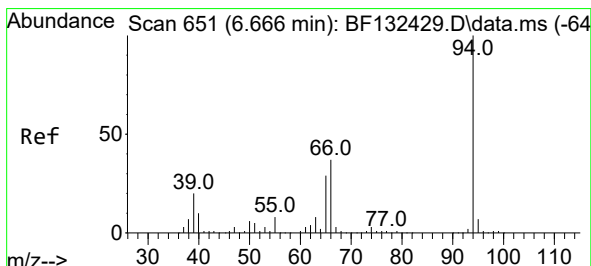
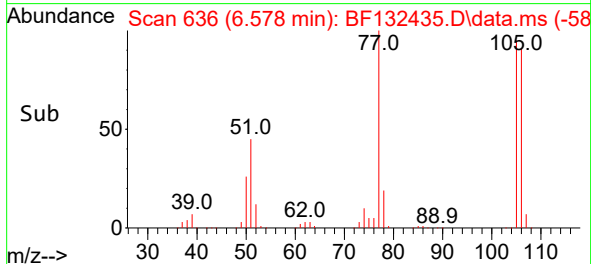
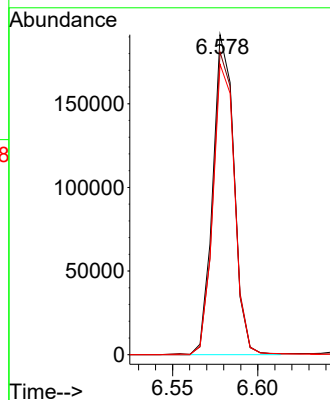
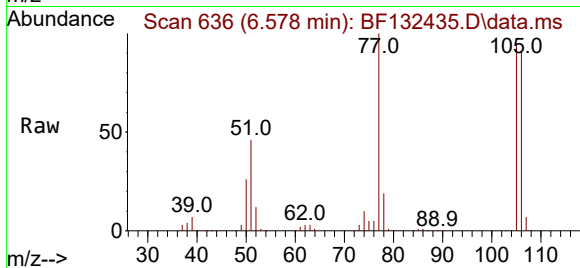




#9
Benzaldehyde
Concen: 16.514 ng
RT: 6.578 min Scan# 61
Delta R.T. -0.006 min
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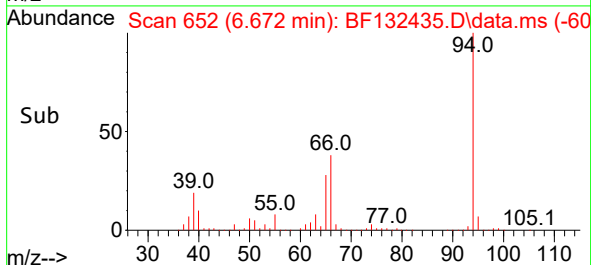
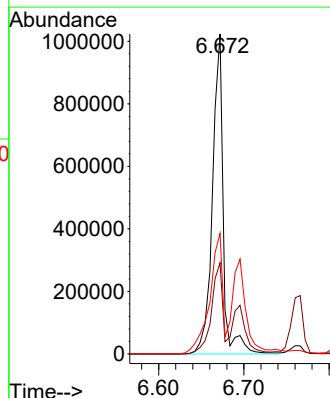
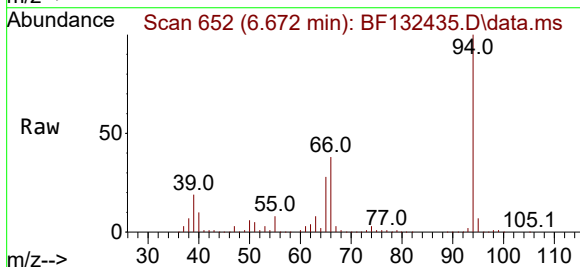
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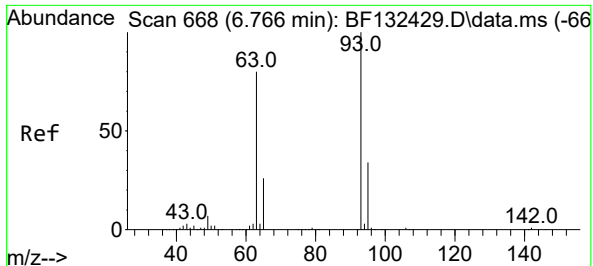
Tgt Ion: 77 Resp: 165072
Ion Ratio Lower Upper
77 100
105 94.6 73.2 113.2
106 90.8 71.5 111.5



#10
Phenol
Concen: 45.657 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion: 94 Resp: 904565
Ion Ratio Lower Upper
94 100
65 28.5 9.0 49.0
66 37.7 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 44.154 ng

RT: 6.766 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

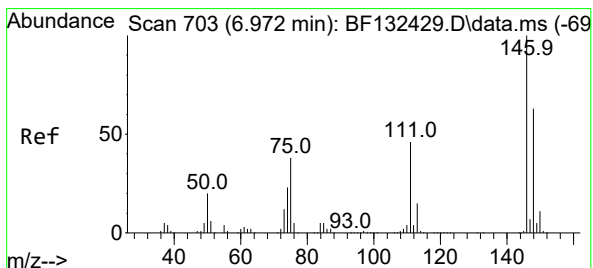
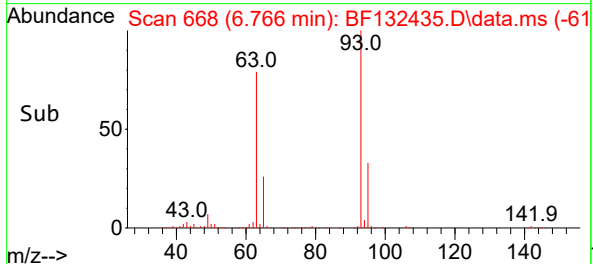
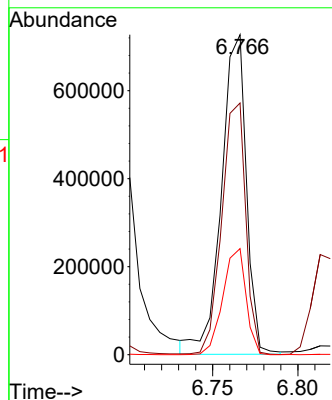
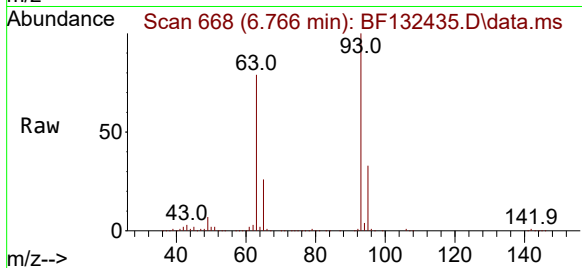
Tgt Ion: 93 Resp: 742029

Ion Ratio Lower Upper

93 100

63 78.7 58.6 98.6

95 33.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 41.126 ng

RT: 6.972 min Scan# 703

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

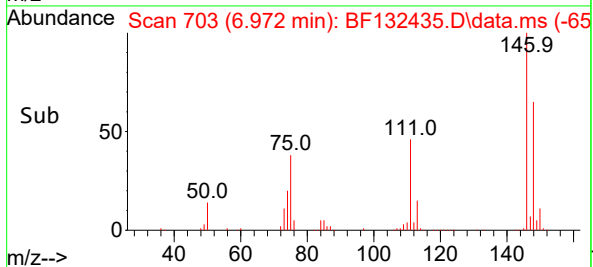
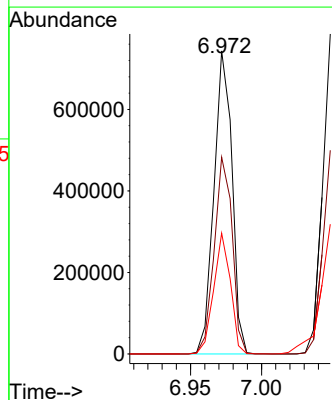
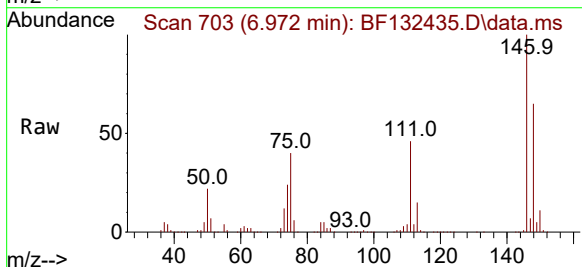
Tgt Ion:146 Resp: 654835

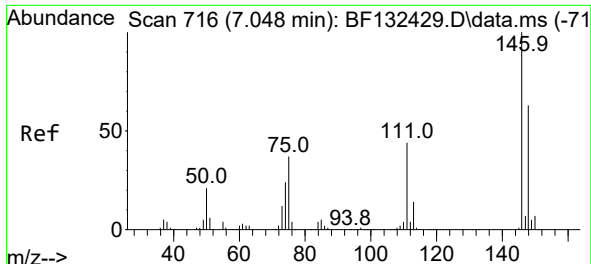
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

75 39.9 30.3 45.5

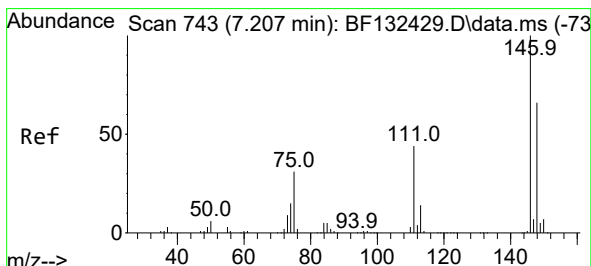
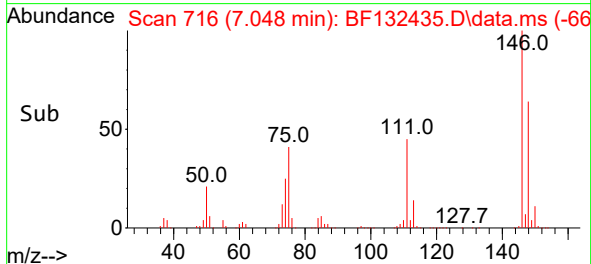
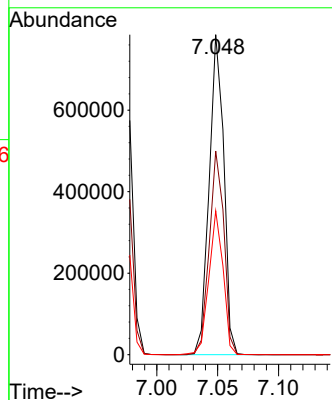
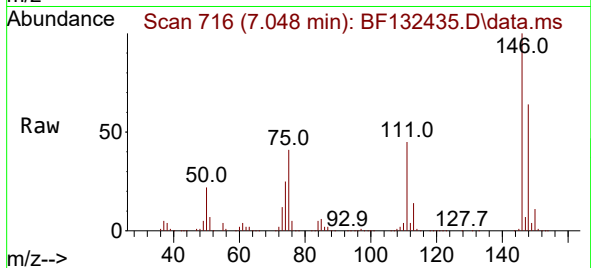




#13
 1,4-Dichlorobenzene
 Concen: 41.191 ng
 RT: 7.048 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

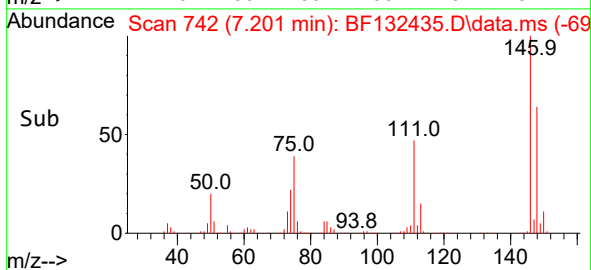
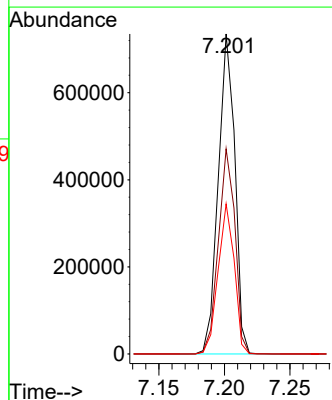
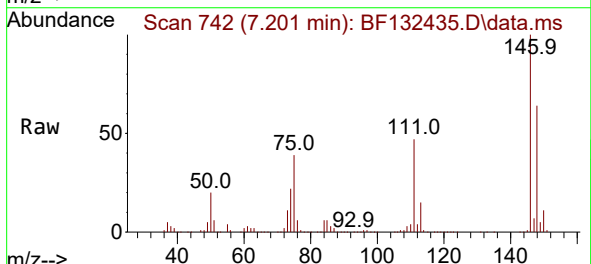
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BS

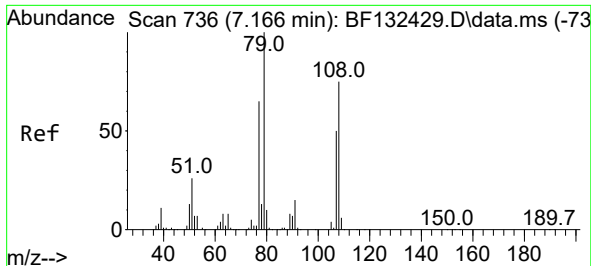
Tgt Ion:146 Resp: 654257
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 44.9 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 44.249 ng
 RT: 7.201 min Scan# 742
 Delta R.T. -0.006 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion:146 Resp: 643921
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.4 78.6
 111 46.9 35.5 53.3

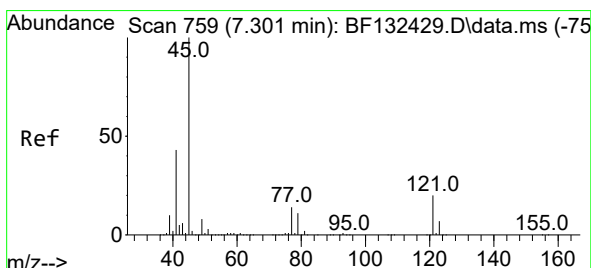
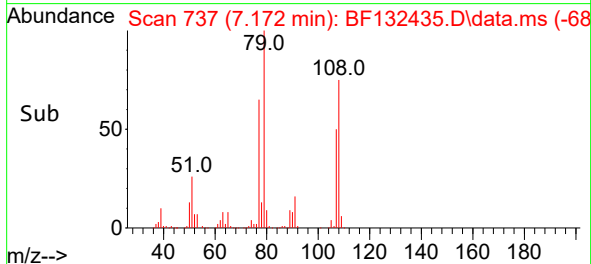
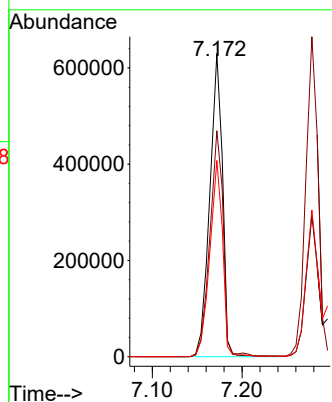
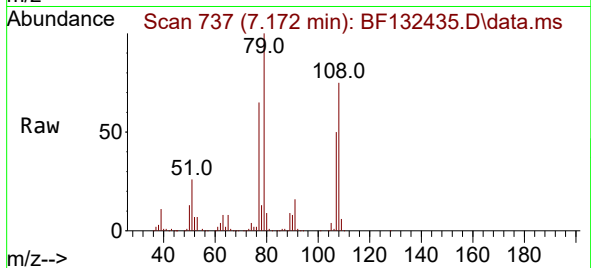




#15
Benzyl Alcohol
Concen: 45.010 ng
RT: 7.172 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

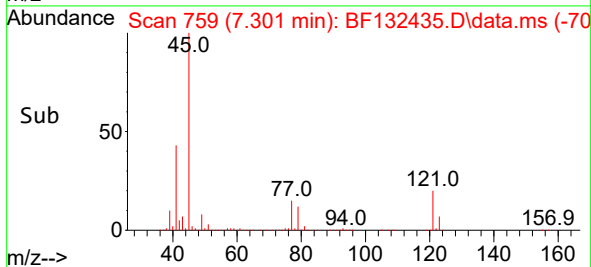
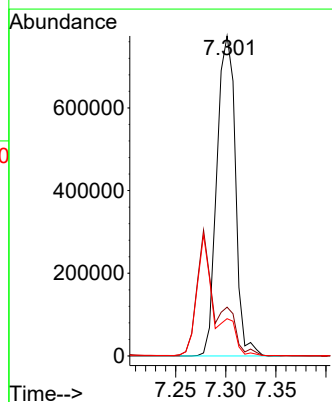
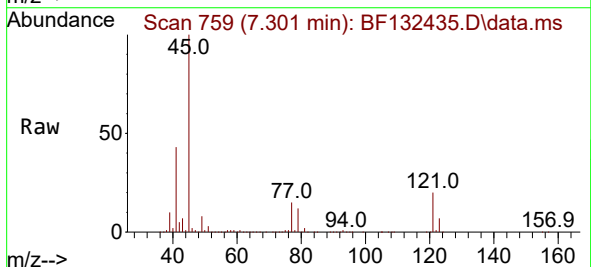
Instrument :
BNA_F
ClientSampleId :
PB150899BS

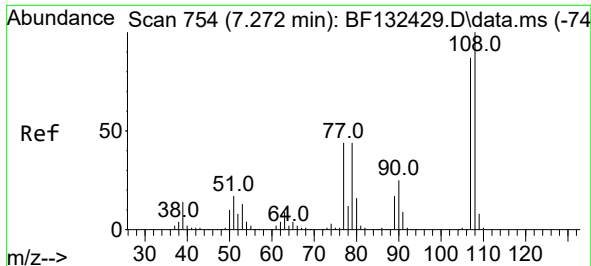
Tgt Ion: 79 Resp: 622424
Ion Ratio Lower Upper
79 100
108 74.6 59.8 89.6
77 64.7 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.409 ng
RT: 7.301 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion: 45 Resp: 990965
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.3
79 11.7 0.0 31.3

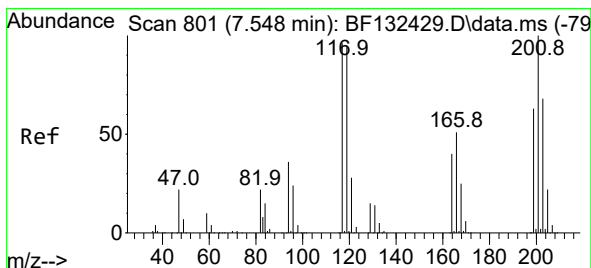
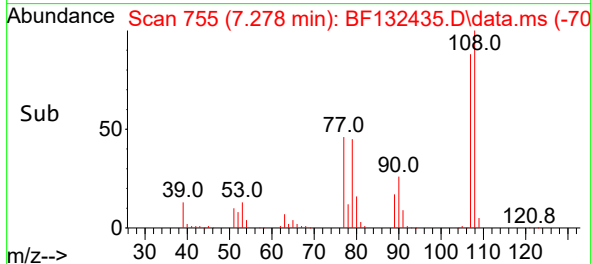
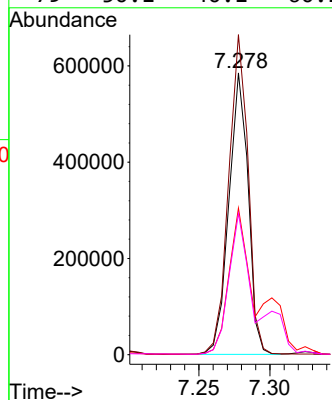
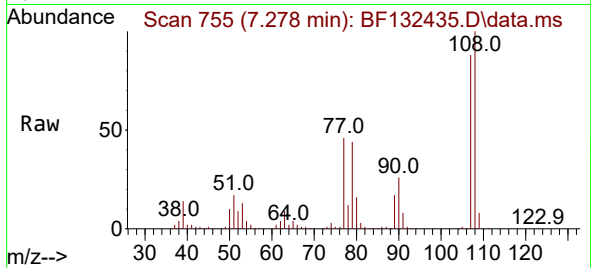




#17
2-Methylphenol
Concen: 39.594 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

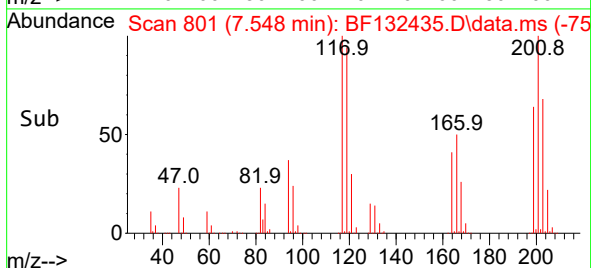
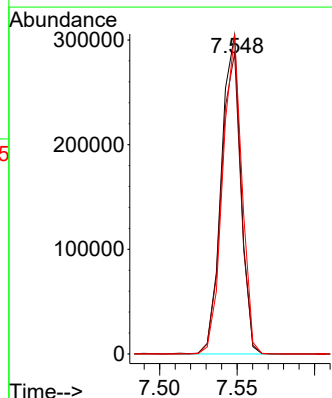
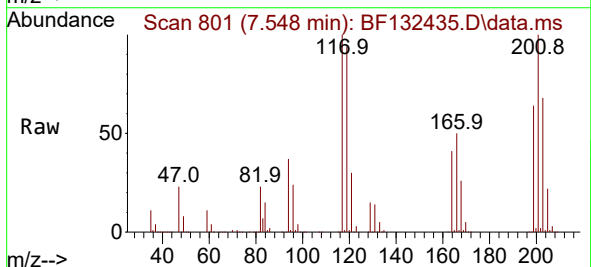
Instrument :
BNA_F
ClientSampleId :
PB150899BS

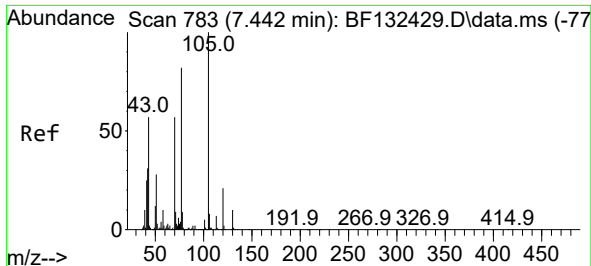
Tgt Ion:107 Resp: 550921
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 52.0 40.7 61.1
79 50.1 40.1 60.1



#18
Hexachloroethane
Concen: 44.560 ng
RT: 7.548 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:117 Resp: 267243
Ion Ratio Lower Upper
117 100
119 94.4 78.8 118.2
201 100.4 83.5 125.3



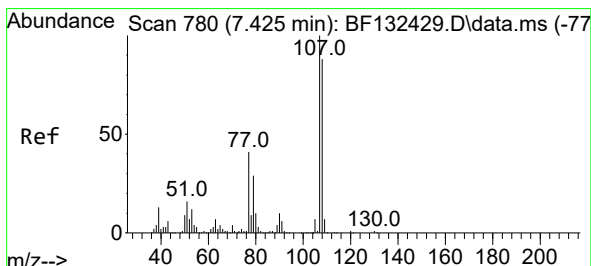
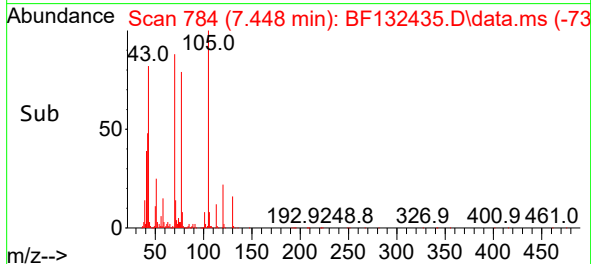
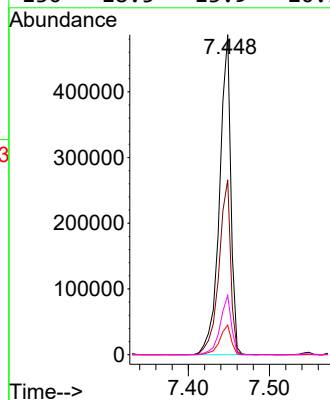
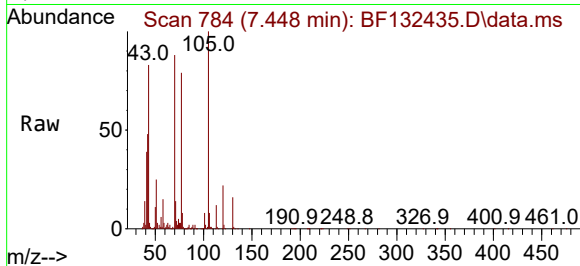


#19
n-Nitroso-di-n-propylamine
Concen: 41.154 ng
RT: 7.448 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Instrument :
BNA_F
ClientSampleId :
PB150899BS

Tgt Ion: 70 Resp: 471671

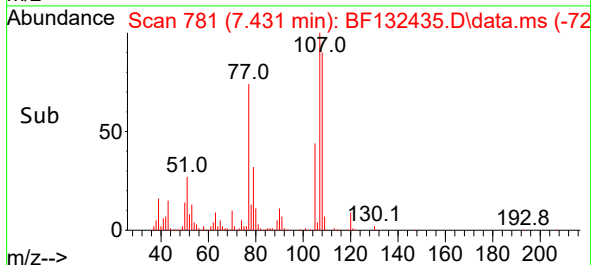
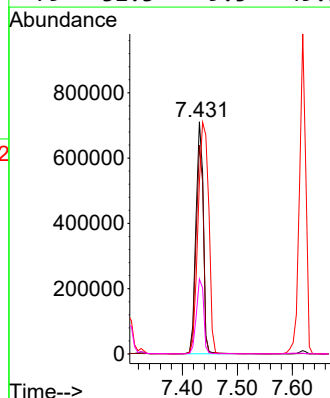
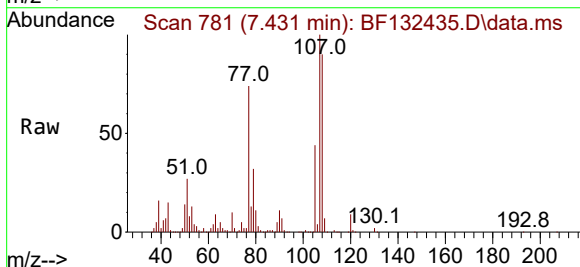
Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.5	65.3
101	9.2	7.3	10.9
130	18.5	13.9	20.9

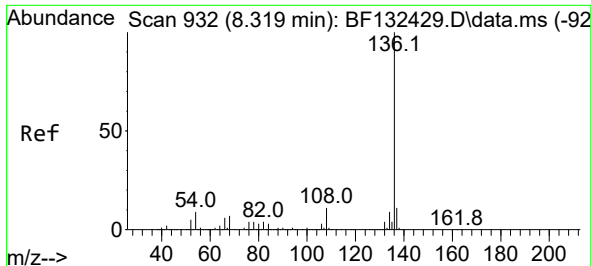


#20
3+4-Methylphenols
Concen: 38.227 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion: 107 Resp: 656715

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.1	108.1
77	74.0	21.3	61.3#
79	32.3	9.5	49.5



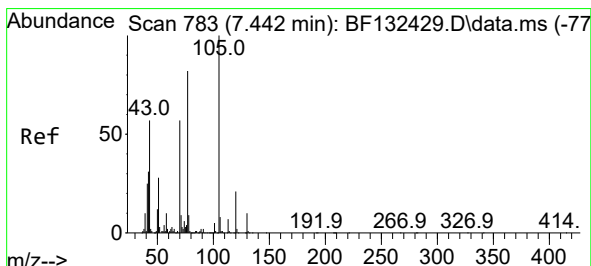
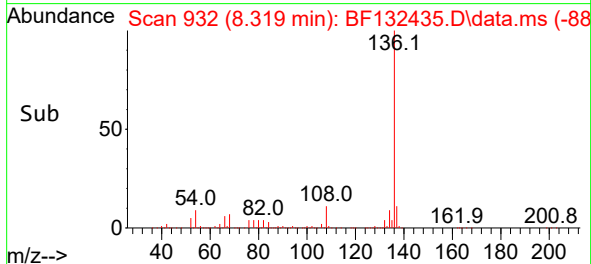
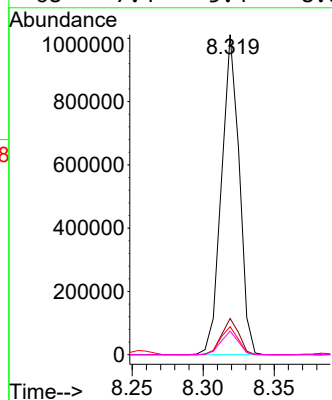
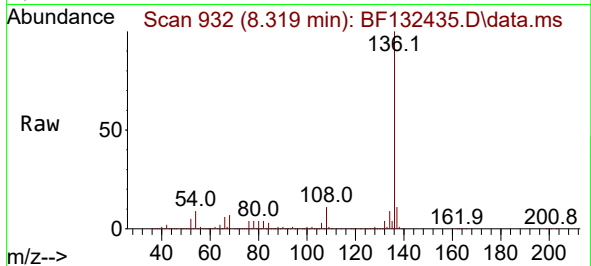


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Instrument :
BNA_F
ClientSampleId :
PB150899BS

Tgt Ion:136 Resp: 877067

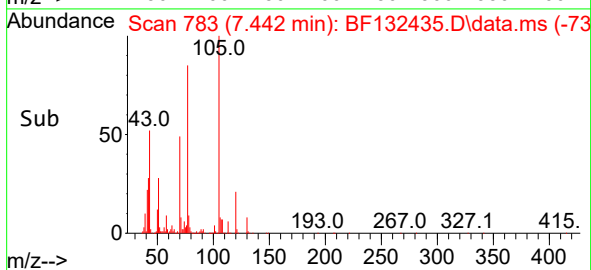
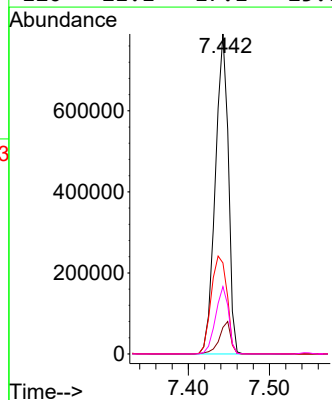
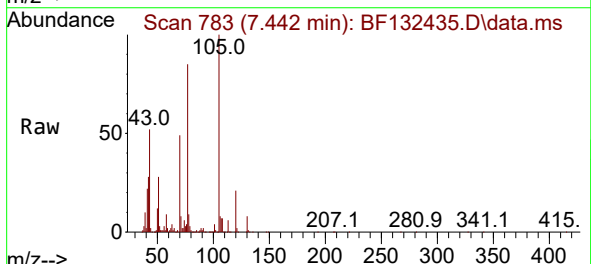
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	6.9	10.3
68	7.4	5.4	8.0

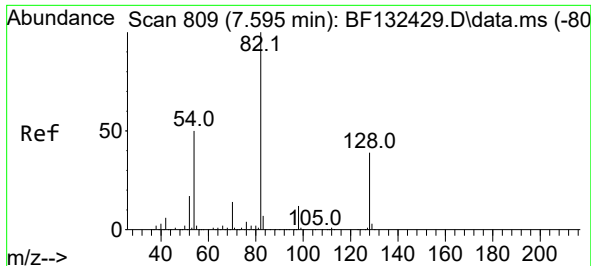


#22
Acetophenone
Concen: 38.623 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:105 Resp: 877936

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.3	10.9
51	28.4	22.2	33.2
120	21.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 80.941 ng

RT: 7.601 min Scan# 810

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

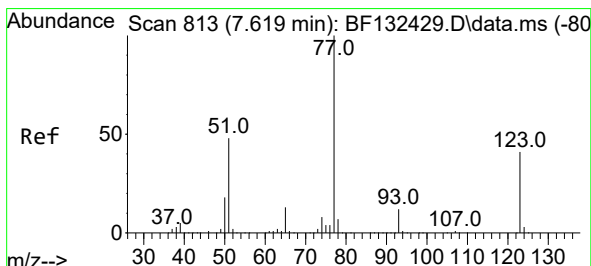
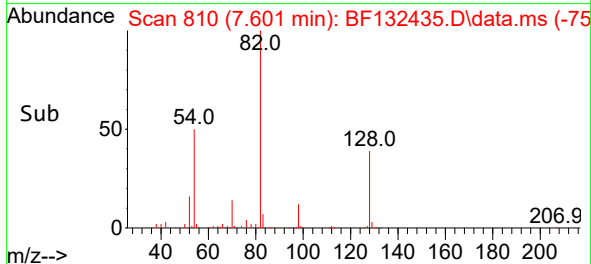
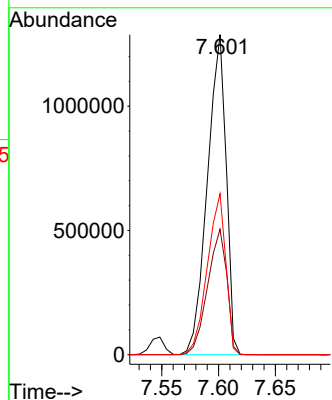
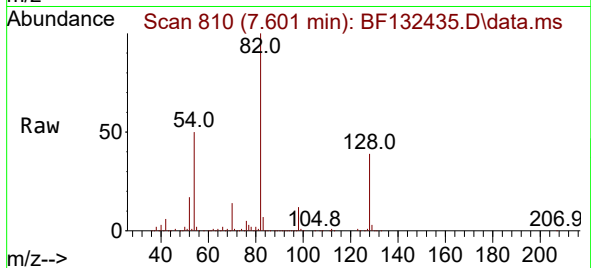
BNA_F

ClientSampleId :

PB150899BS

Tgt Ion: 82 Resp: 1477460

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.8	46.2
54	50.3	40.2	60.4



#24

Nitrobenzene

Concen: 39.453 ng

RT: 7.619 min Scan# 813

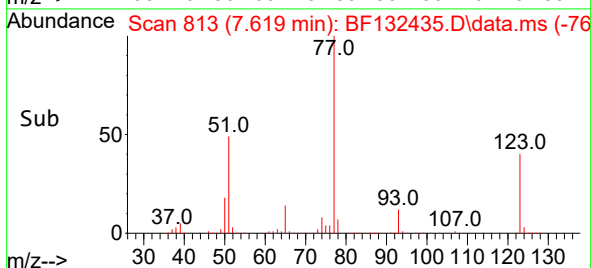
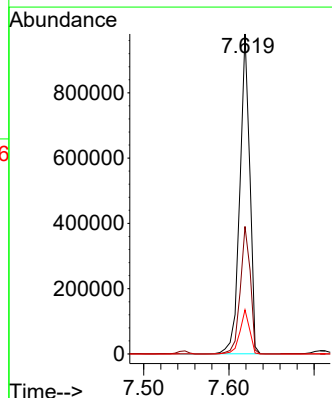
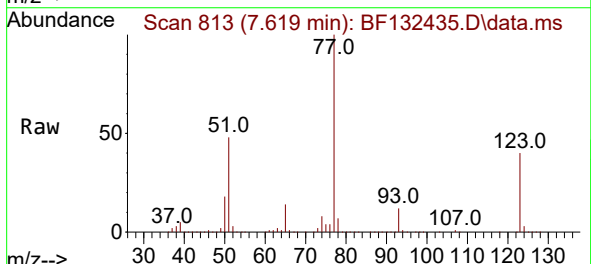
Delta R.T. 0.000 min

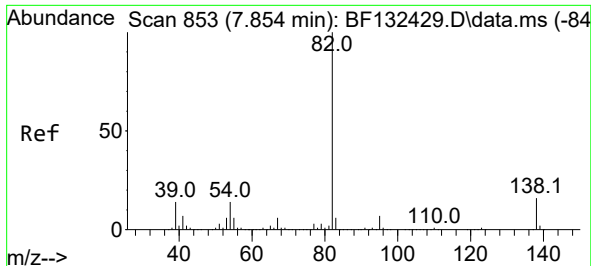
Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Tgt Ion: 77 Resp: 789571

Ion	Ratio	Lower	Upper
77	100		
123	39.8	33.2	49.8
65	13.8	10.4	15.6

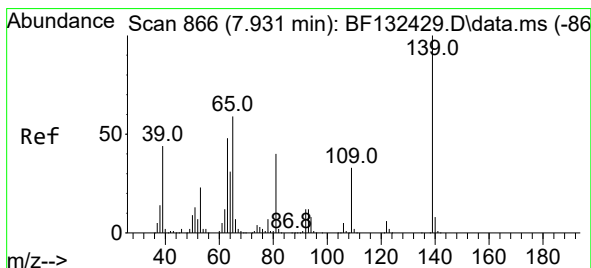
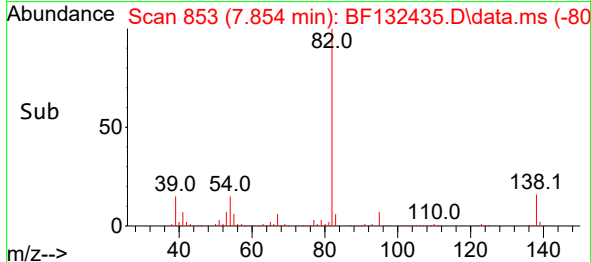
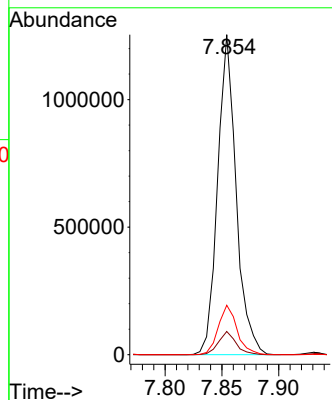
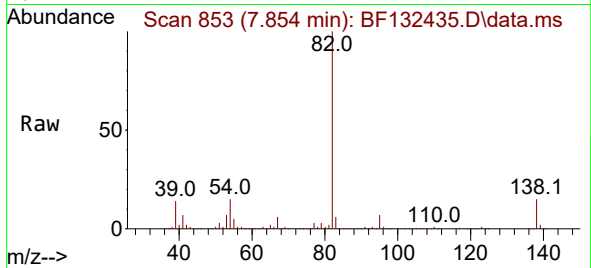




#25
Isophorone
Concen: 39.726 ng
RT: 7.854 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

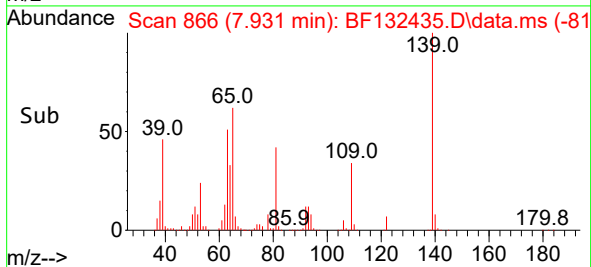
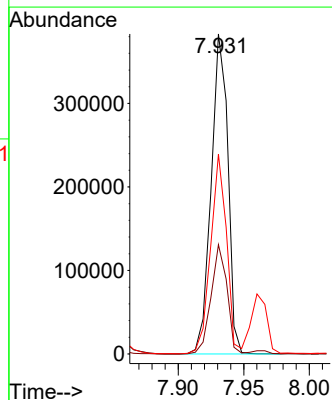
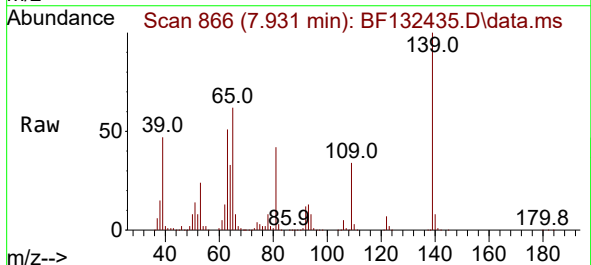
Instrument :
BNA_F
ClientSampleId :
PB150899BS

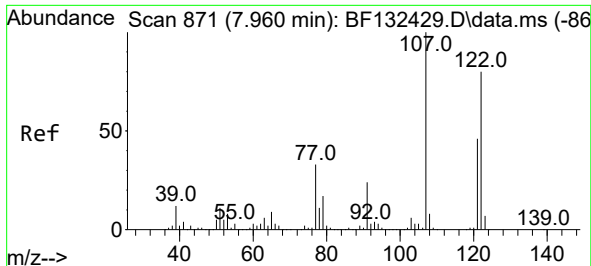
Tgt Ion: 82 Resp: 1424901
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 15.4 12.7 19.1



#26
2-Nitrophenol
Concen: 43.654 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:139 Resp: 339619
Ion Ratio Lower Upper
139 100
109 34.1 26.3 39.5
65 62.5 47.4 71.0

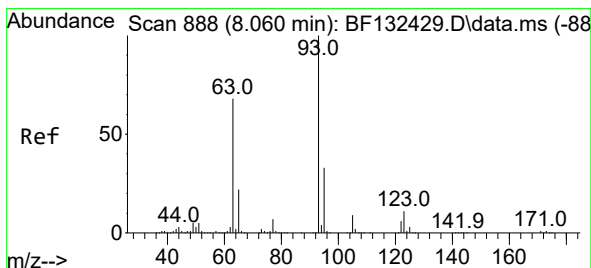
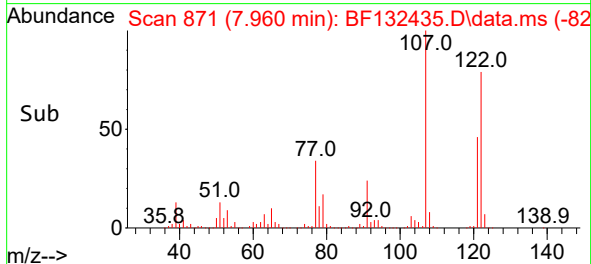
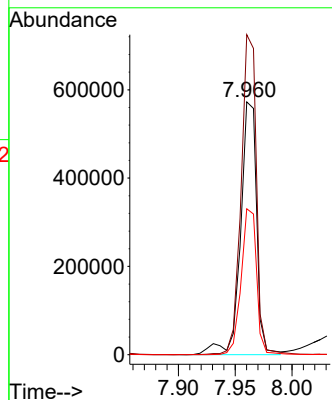
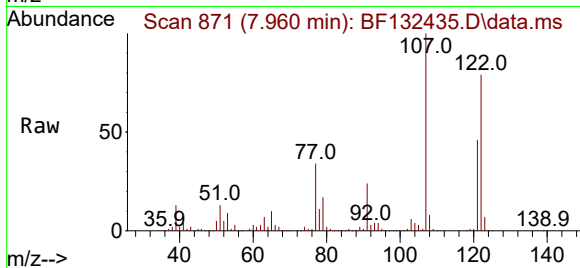




#27
2,4-Dimethylphenol
Concen: 40.238 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

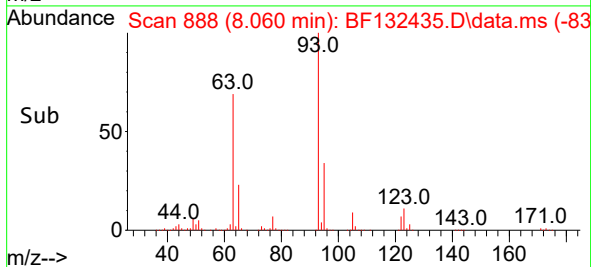
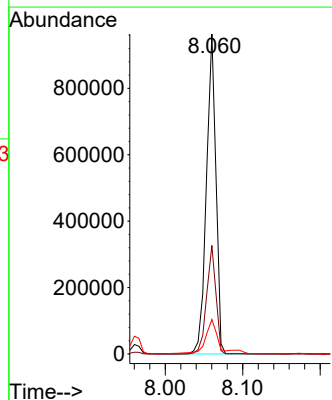
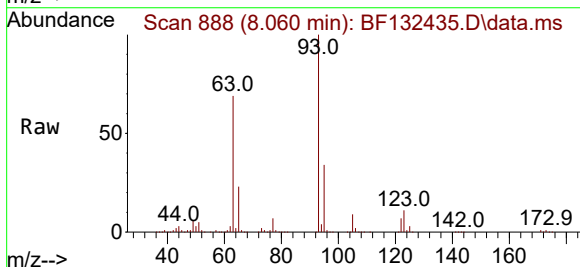
Instrument :
BNA_F
ClientSampleId :
PB150899BS

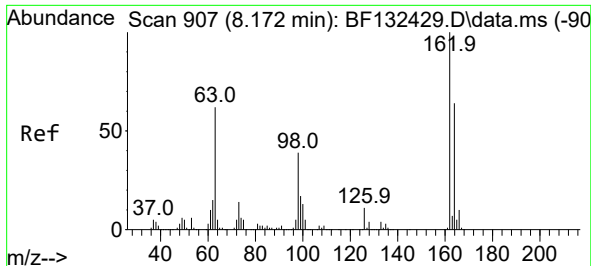
Tgt Ion:122 Resp: 565203
Ion Ratio Lower Upper
122 100
107 126.5 99.9 149.9
121 57.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.194 ng
RT: 8.060 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion: 93 Resp: 821543
Ion Ratio Lower Upper
93 100
95 33.9 26.5 39.7
123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.931 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

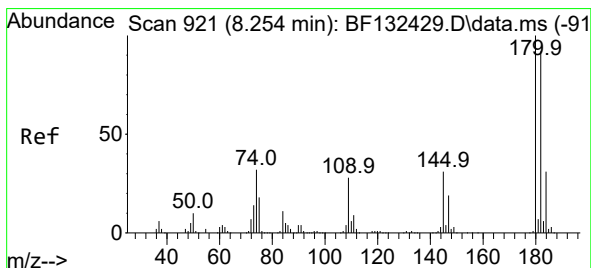
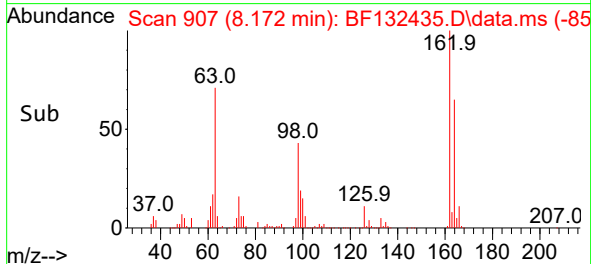
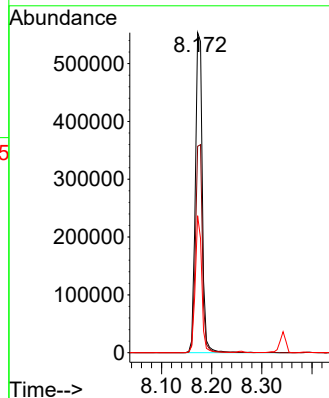
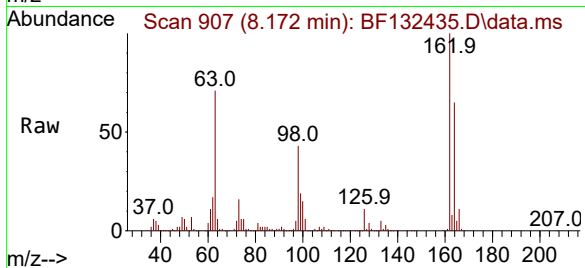
Tgt Ion:162 Resp: 529139

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

98 42.8 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 39.487 ng

RT: 8.260 min Scan# 922

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

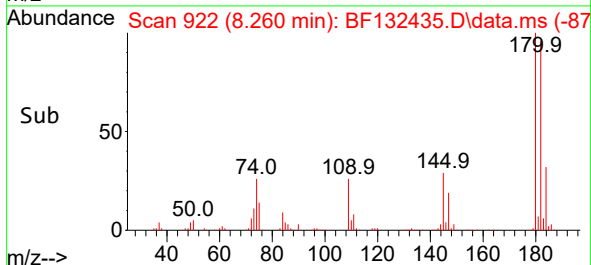
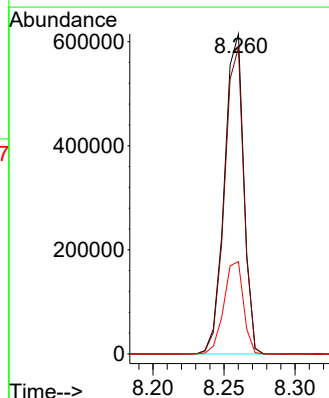
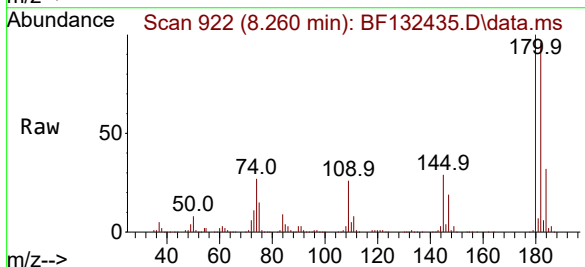
Tgt Ion:180 Resp: 581941

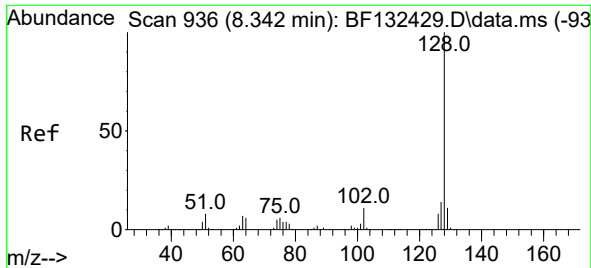
Ion Ratio Lower Upper

180 100

182 95.7 73.8 110.8

145 28.9 24.4 36.6

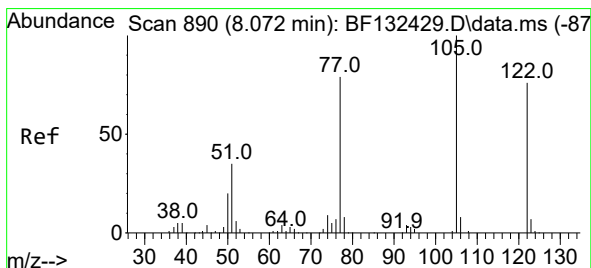
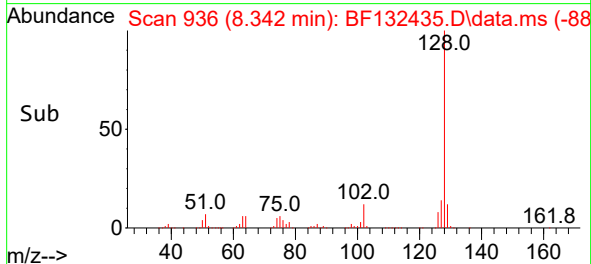
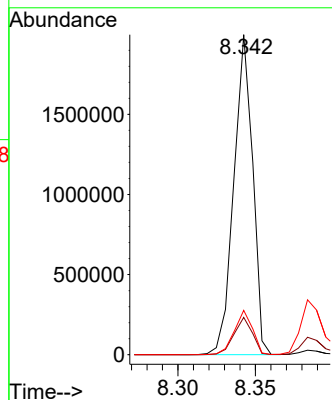
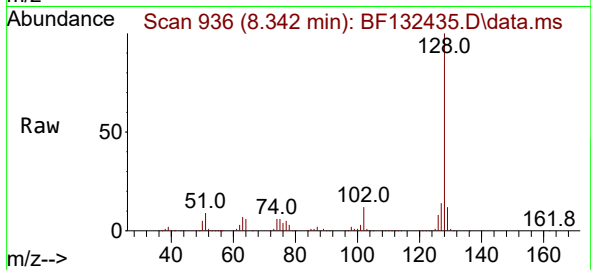




#31
Naphthalene
Concen: 37.088 ng
RT: 8.342 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

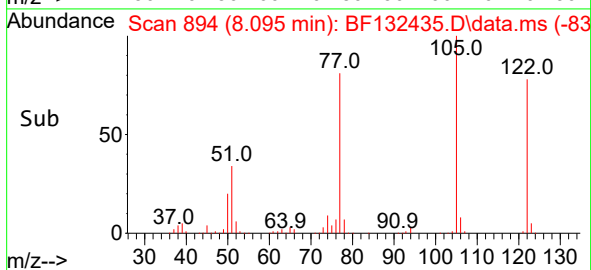
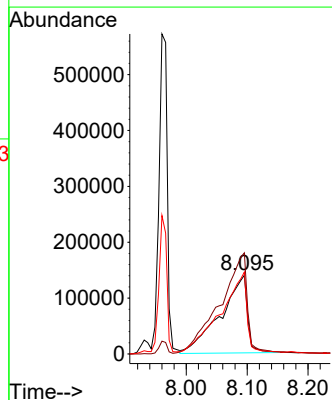
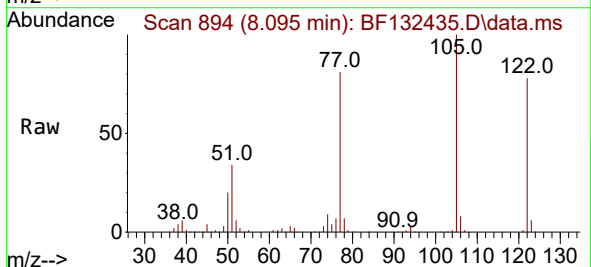
Instrument :
BNA_F
ClientSampleId :
PB150899BS

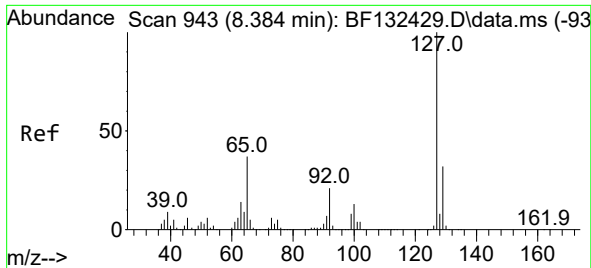
Tgt Ion:128 Resp: 1688120
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 43.105 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.023 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:122 Resp: 428544
Ion Ratio Lower Upper
122 100
105 128.4 109.7 149.7
77 104.0 83.8 123.8

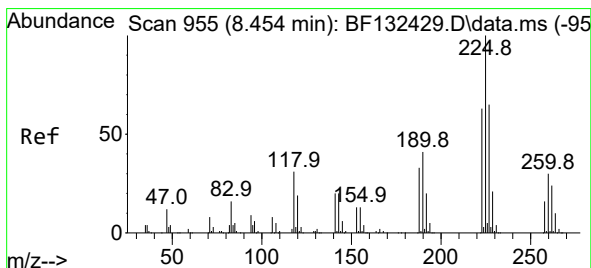
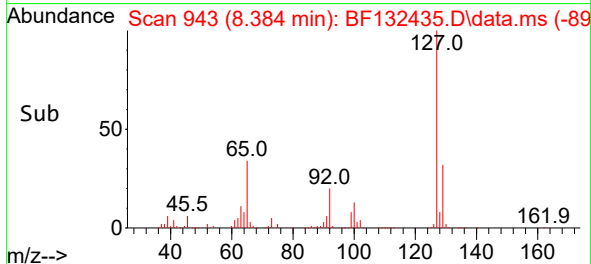
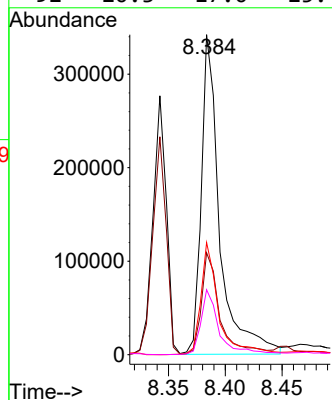
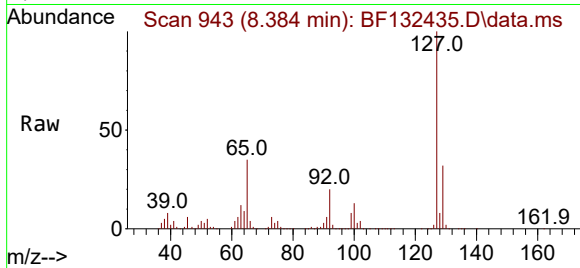




#33
4-Chloroaniline
Concen: 20.389 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

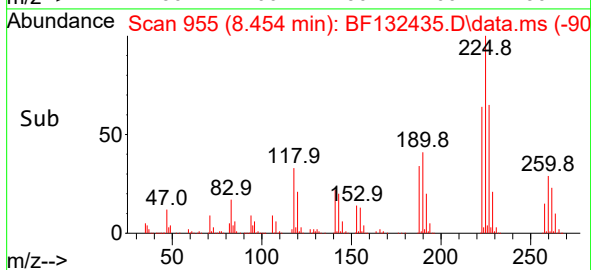
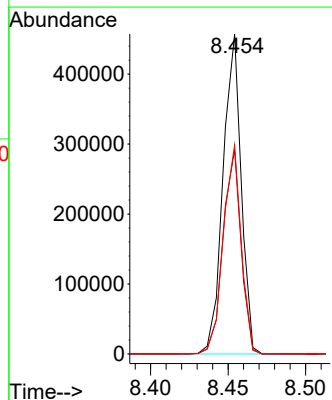
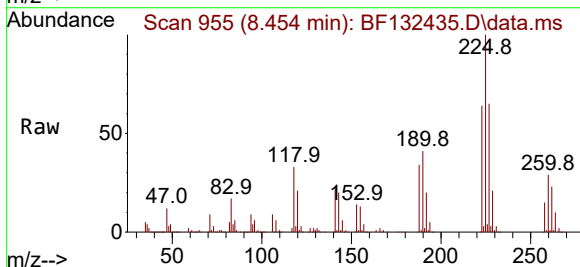
Instrument :
BNA_F
ClientSampleId :
PB150899BS

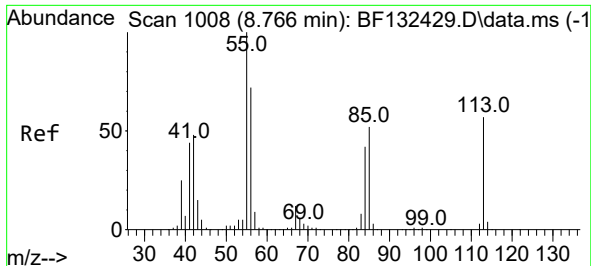
Tgt Ion:	127	Resp:	385564
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	35.1	29.8	44.6
92	20.3	17.0	25.4



#34
Hexachlorobutadiene
Concen: 39.958 ng
RT: 8.454 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:	225	Resp:	371776
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.6	76.0
227	65.3	52.2	78.4

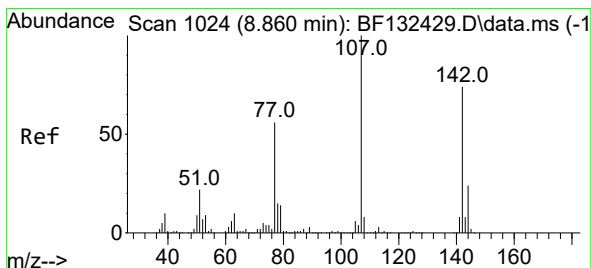
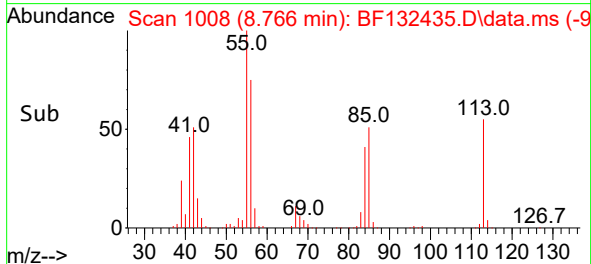
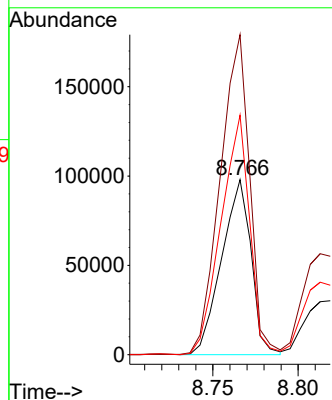
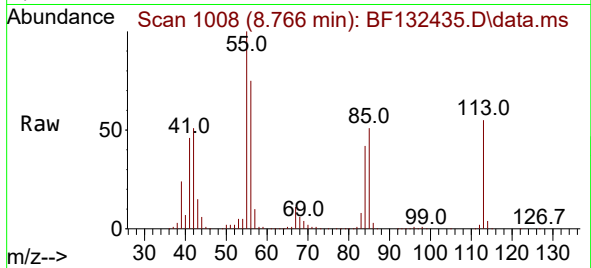




#35
Caprolactam
Concen: 27.338 ng
RT: 8.766 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

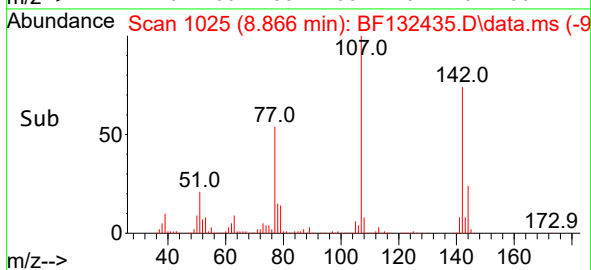
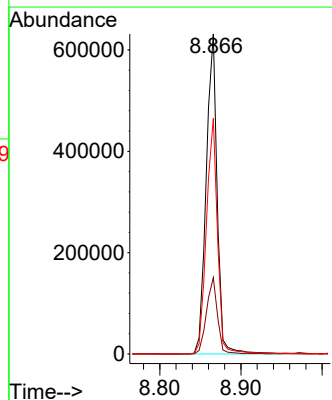
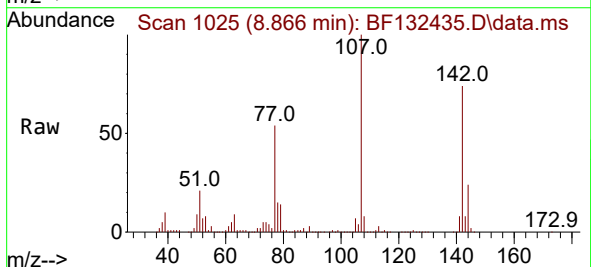
Instrument :
BNA_F
ClientSampleId :
PB150899BS

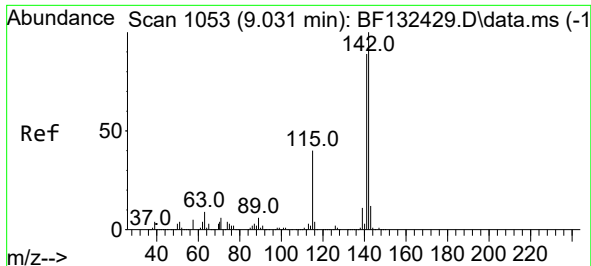
Tgt Ion:113 Resp: 117610
Ion Ratio Lower Upper
113 100
55 182.7 155.8 195.8
56 136.8 107.3 147.3



#36
4-Chloro-3-methylphenol
Concen: 39.912 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:107 Resp: 591785
Ion Ratio Lower Upper
107 100
144 23.9 18.8 28.2
142 73.6 58.8 88.2

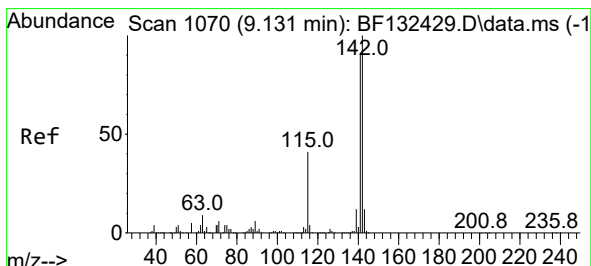
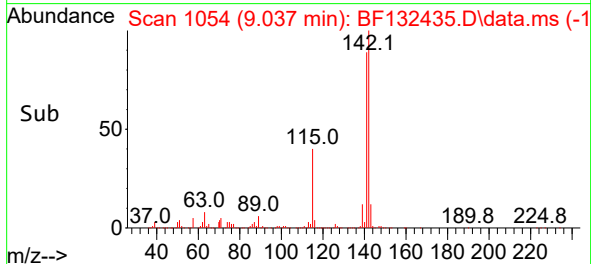
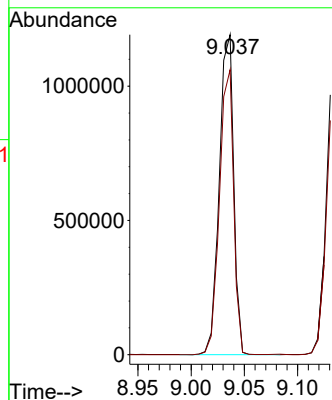
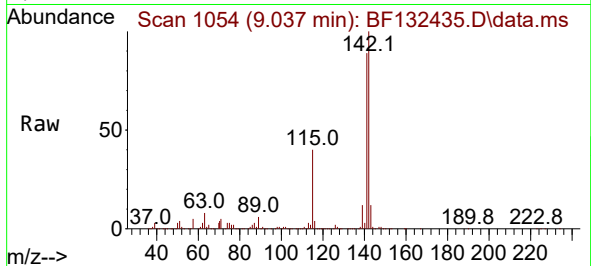




#37
2-Methylnaphthalene
Concen: 36.269 ng
RT: 9.037 min Scan# 1053
Delta R.T. 0.005 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

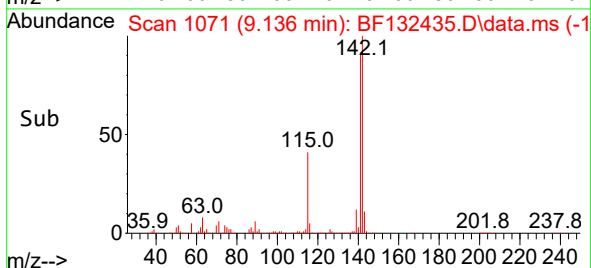
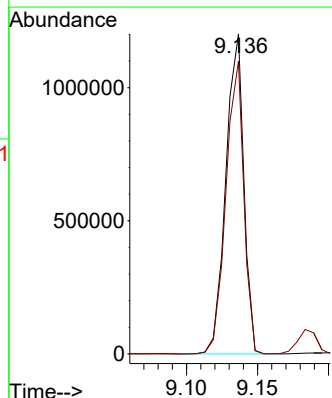
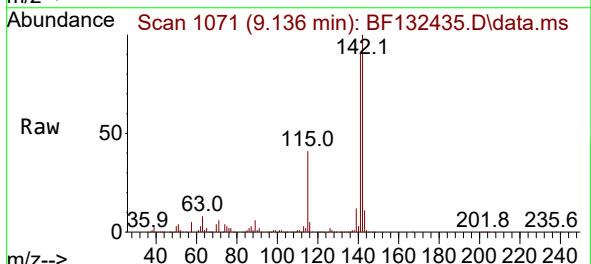
Instrument :
BNA_F
ClientSampleId :
PB150899BS

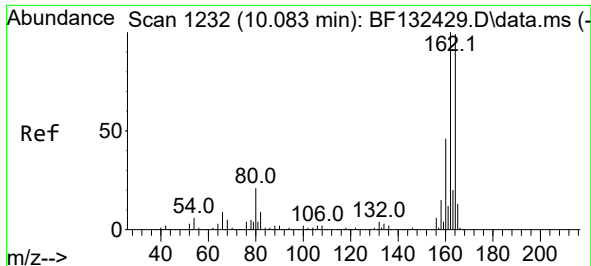
Tgt Ion:142 Resp: 1111013
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 36.615 ng
RT: 9.136 min Scan# 1071
Delta R.T. 0.005 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:142 Resp: 1053762
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1

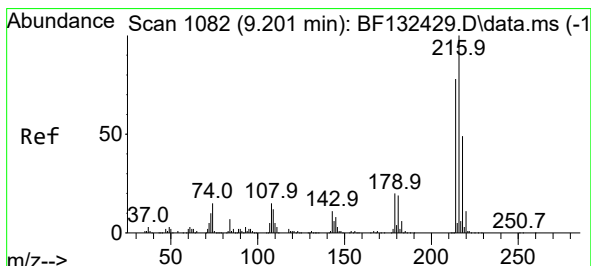
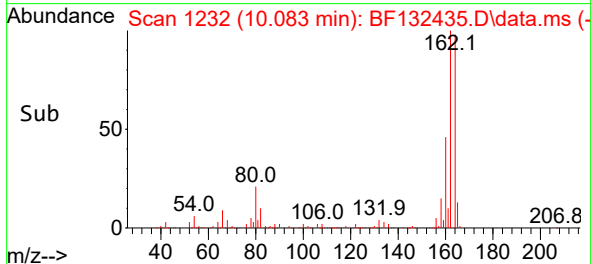
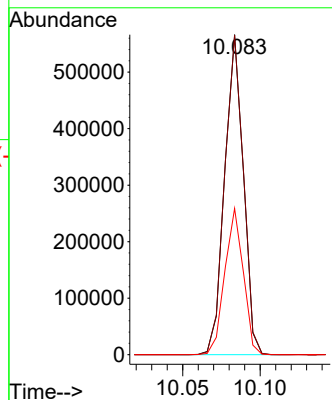
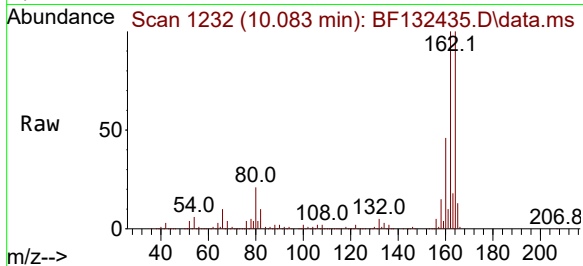




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

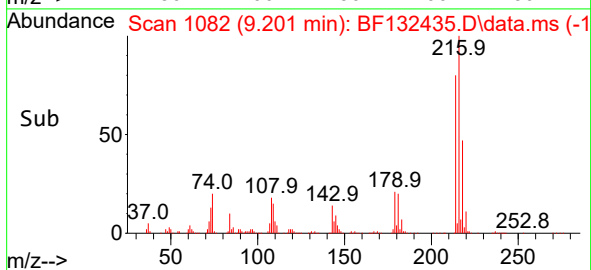
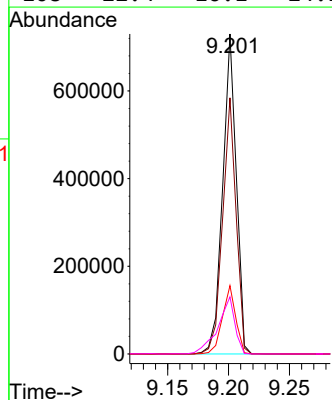
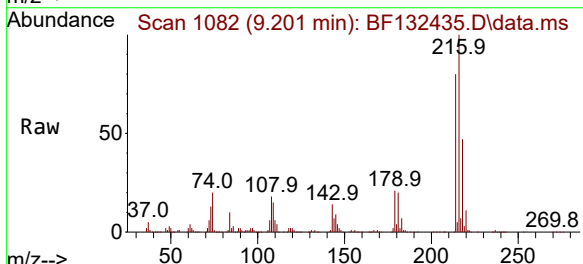
Instrument :
BNA_F
ClientSampleId :
PB150899BS

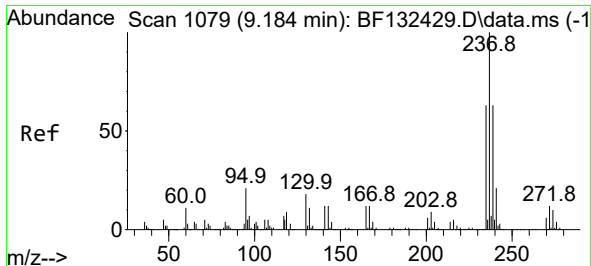
Tgt Ion:164 Resp: 473898
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 45.7 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.005 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:216 Resp: 568233
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 21.0 16.4 24.6
108 22.4 16.1 24.1

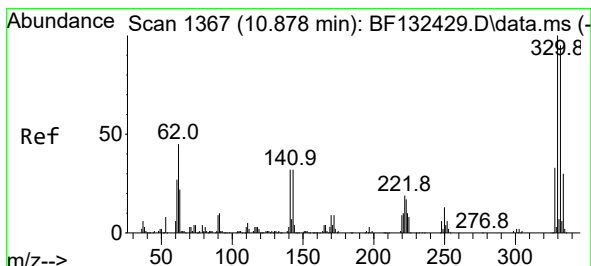
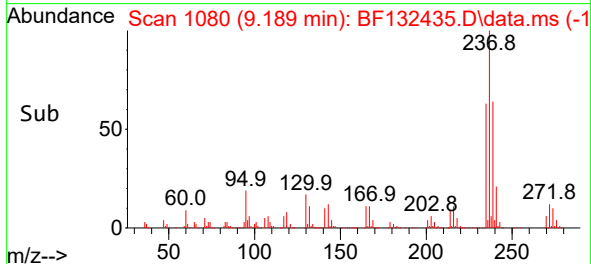
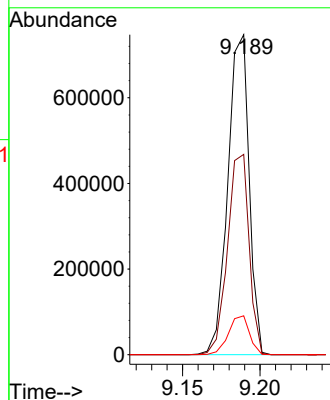
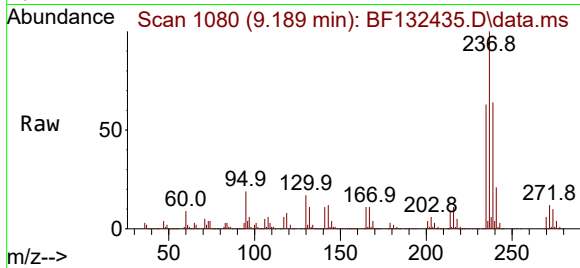




#41
Hexachlorocyclopentadiene
Concen: 84.703 ng
RT: 9.189 min Scan# 1079
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

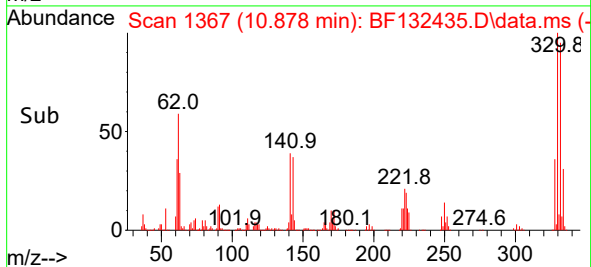
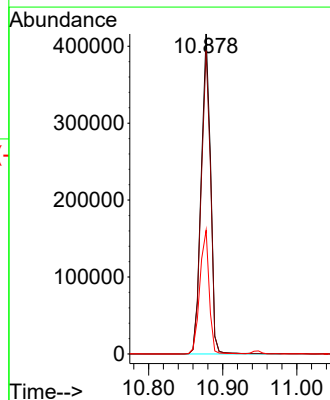
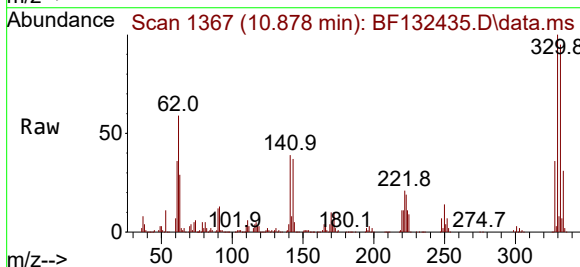
Instrument :
BNA_F
ClientSampleId :
PB150899BS

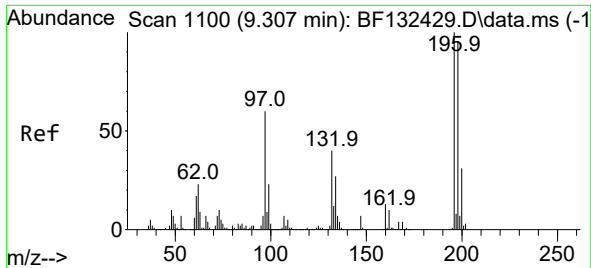
Tgt Ion:237 Resp: 714384
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 76.896 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:330 Resp: 363584
Ion Ratio Lower Upper
330 100
332 95.1 76.3 114.5
141 38.6 30.3 45.5

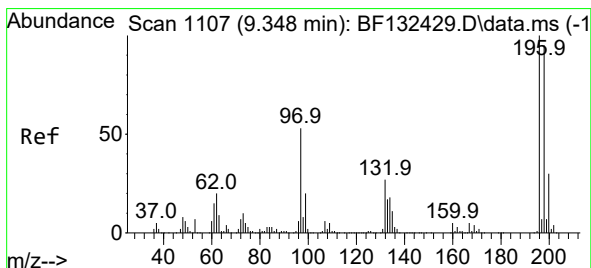
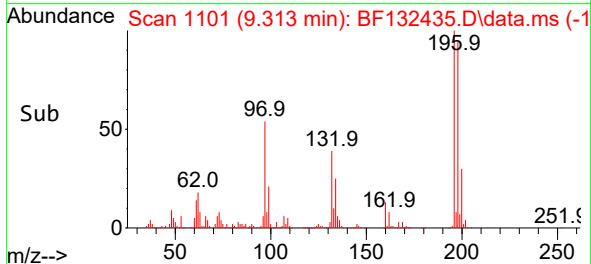
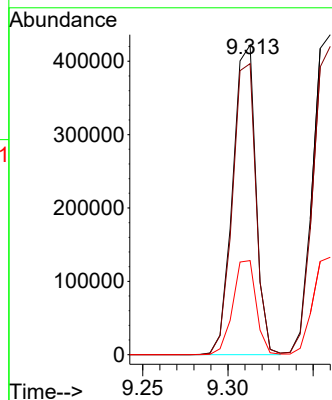
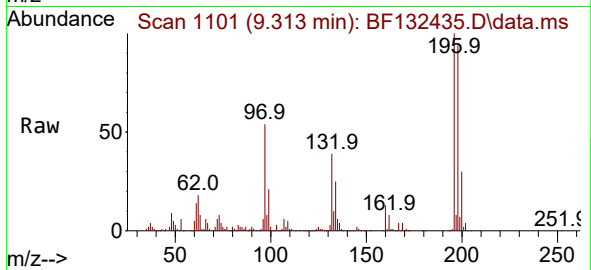




#43
 2,4,6-Trichlorophenol
 Concen: 39.502 ng
 RT: 9.313 min Scan# 1101
 Delta R.T. 0.006 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

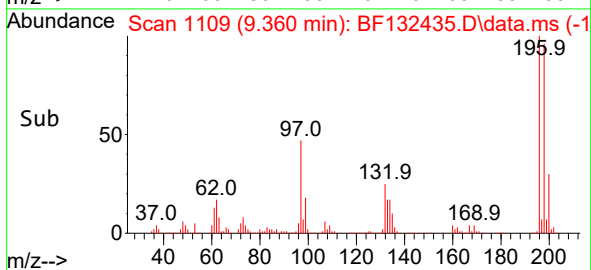
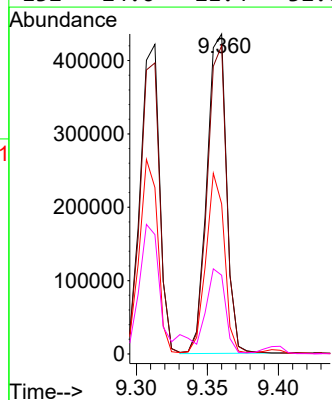
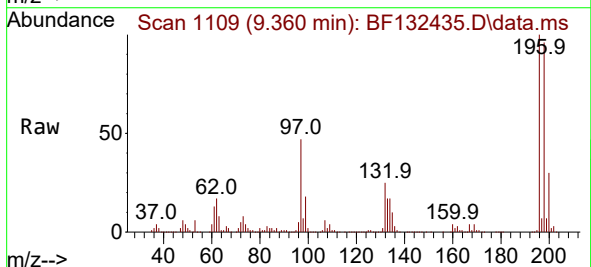
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BS

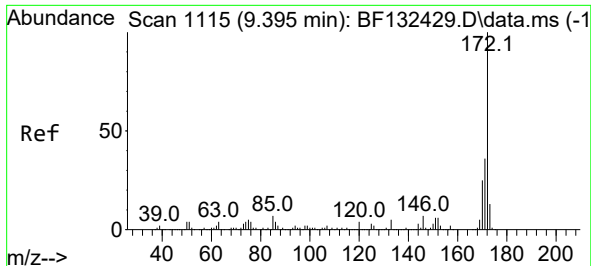
Tgt Ion:196 Resp: 399577
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.4 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 35.710 ng
 RT: 9.360 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion:196 Resp: 420730
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.4
 97 46.9 42.4 63.6
 132 24.6 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 69.217 ng

RT: 9.401 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

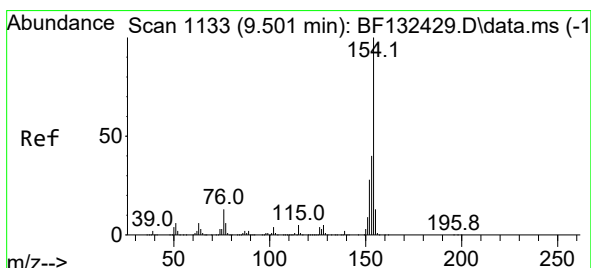
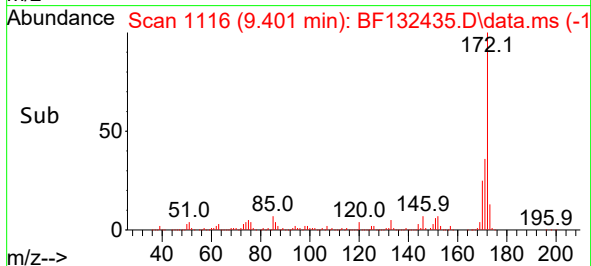
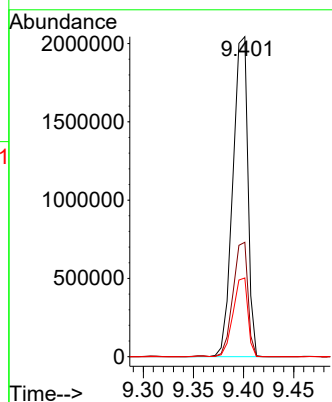
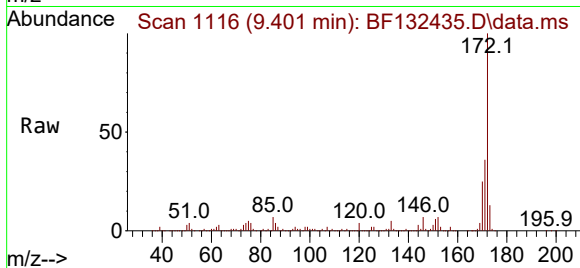
Tgt Ion:172 Resp: 2124048

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.6 19.9 29.9



#46

1,1'-Biphenyl

Concen: 36.224 ng

RT: 9.501 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

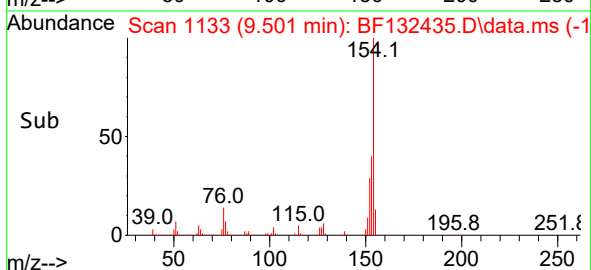
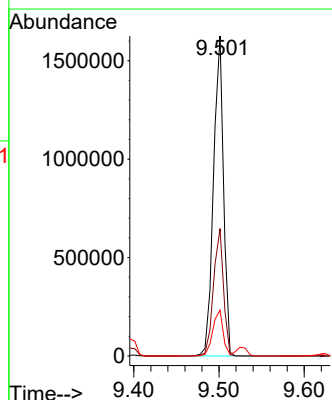
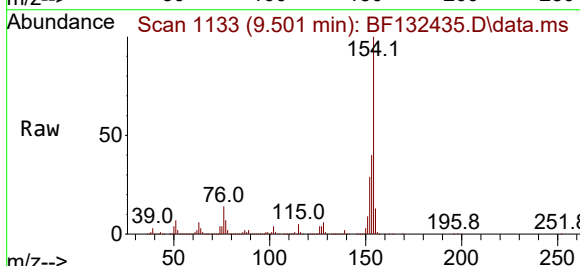
Tgt Ion:154 Resp: 1328635

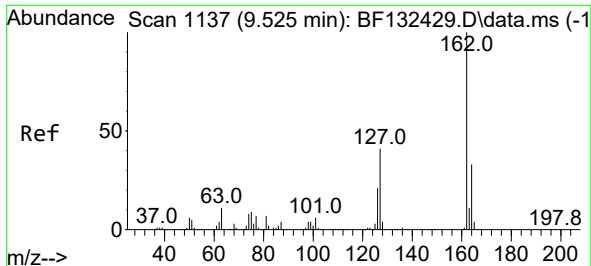
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 14.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 37.548 ng

RT: 9.531 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

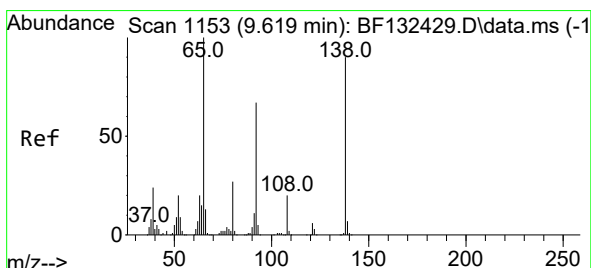
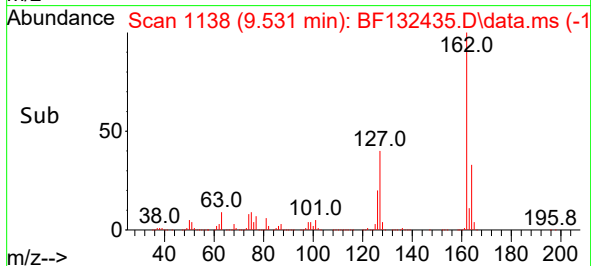
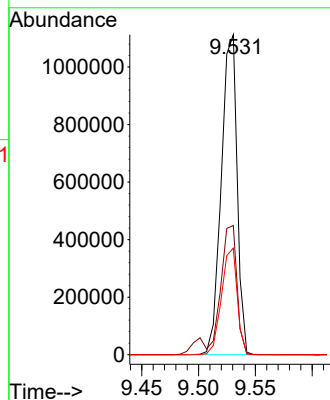
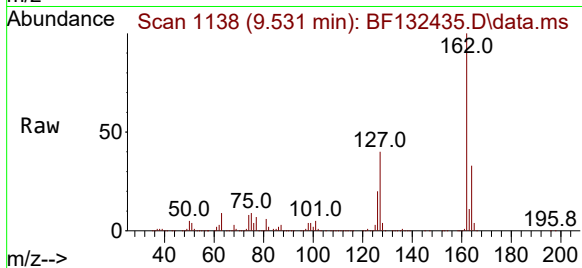
Tgt Ion:162 Resp: 1080961

Ion Ratio Lower Upper

162 100

127 40.4 33.0 49.4

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 39.231 ng

RT: 9.625 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

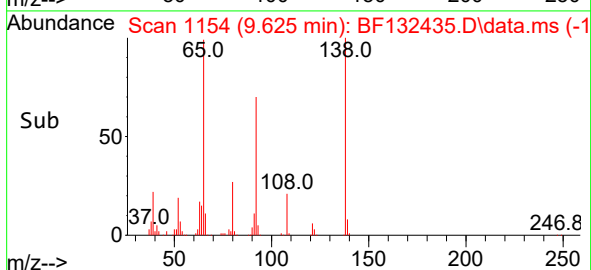
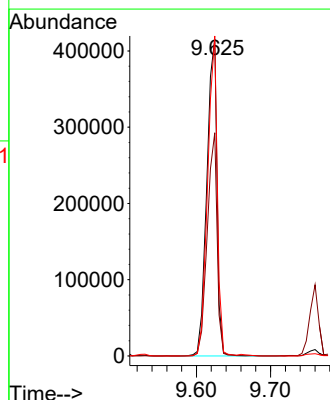
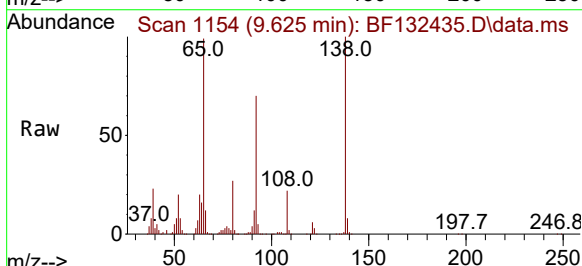
Tgt Ion: 65 Resp: 396266

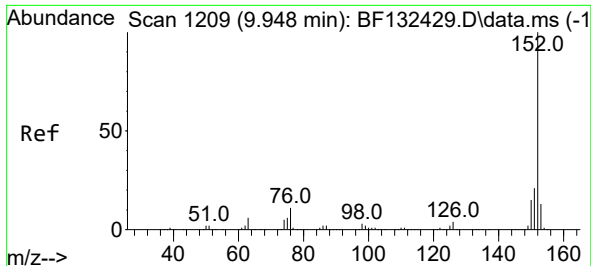
Ion Ratio Lower Upper

65 100

92 70.4 53.5 80.3

138 100.9 72.2 108.4





#49

Acenaphthylene

Concen: 36.108 ng

RT: 9.948 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

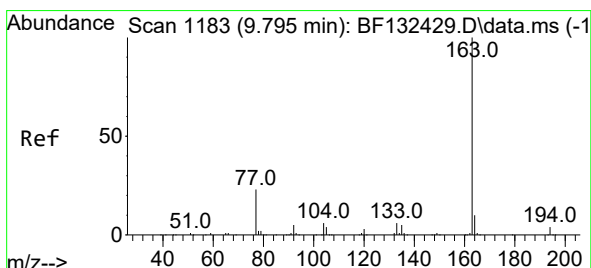
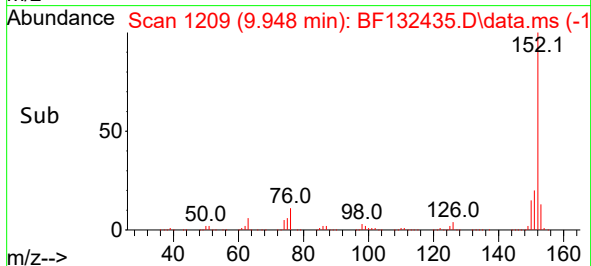
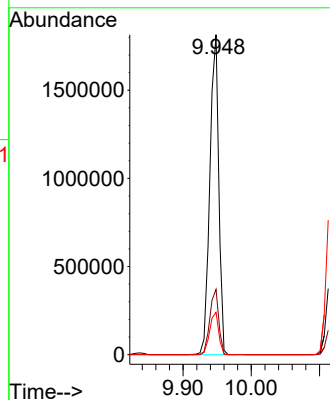
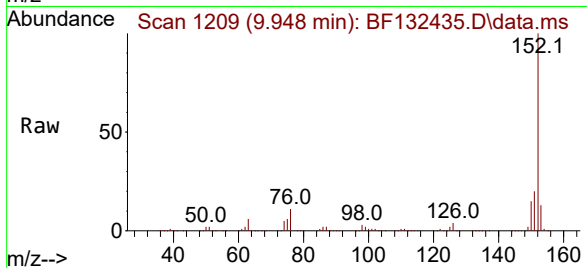
Tgt Ion:152 Resp: 1651595

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 36.147 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

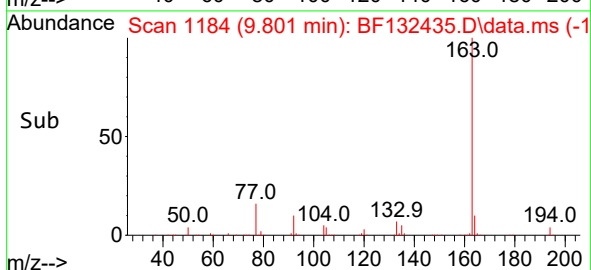
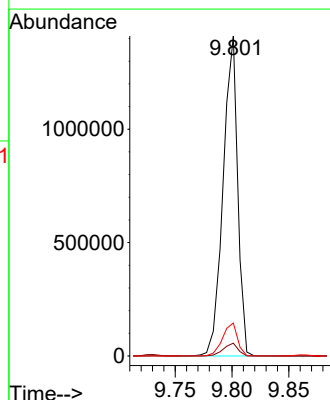
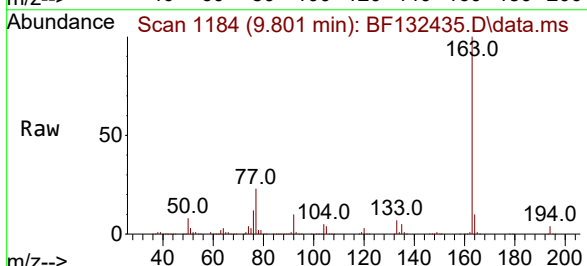
Tgt Ion:163 Resp: 1261492

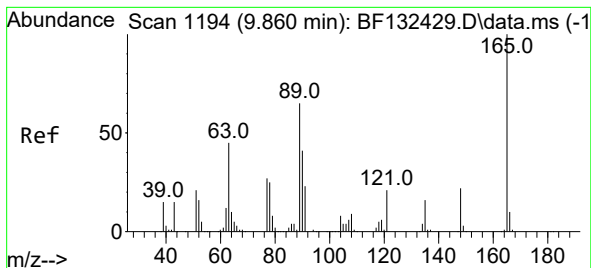
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.4 12.6

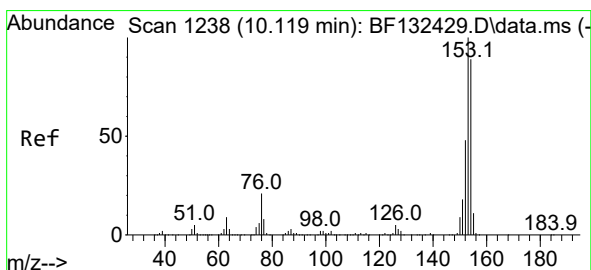
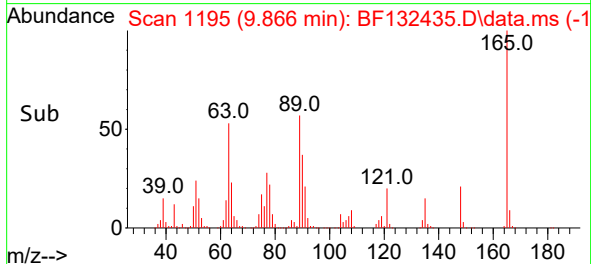
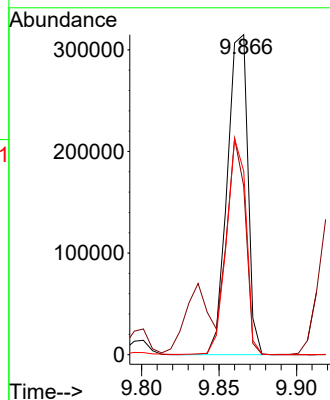
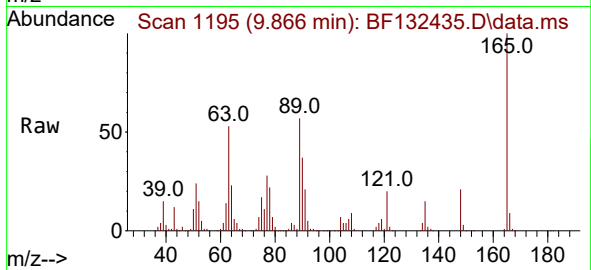




#51
2,6-Dinitrotoluene
Concen: 38.344 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

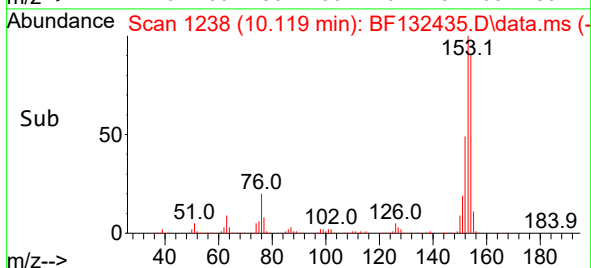
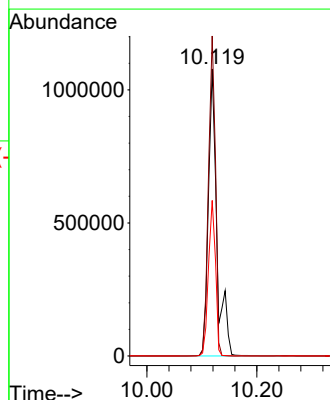
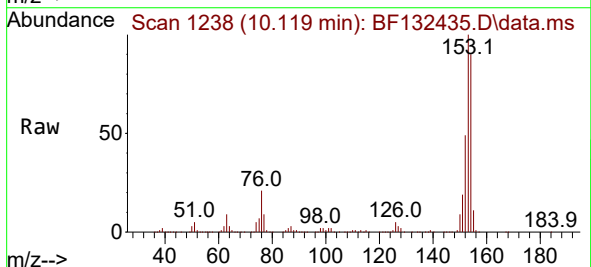
Instrument :
BNA_F
ClientSampleId :
PB150899BS

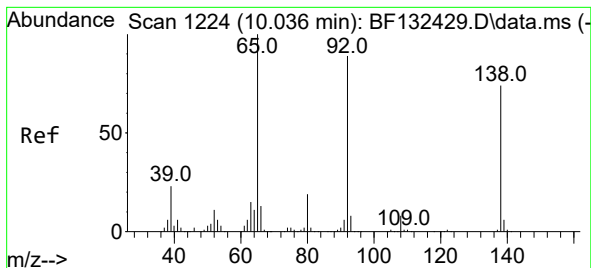
Tgt Ion:165 Resp: 291011
Ion Ratio Lower Upper
165 100
63 52.7 50.4 75.6
89 57.4 52.2 78.2



#52
Acenaphthene
Concen: 40.968 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:154 Resp: 1166175
Ion Ratio Lower Upper
154 100
153 111.5 89.7 134.5
152 54.2 43.4 65.0

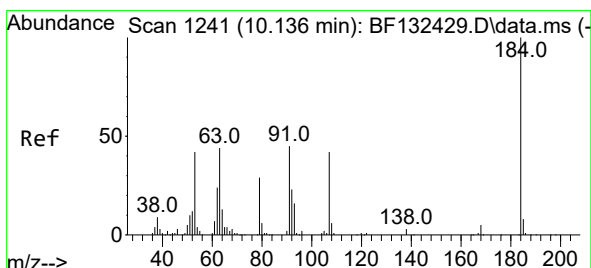
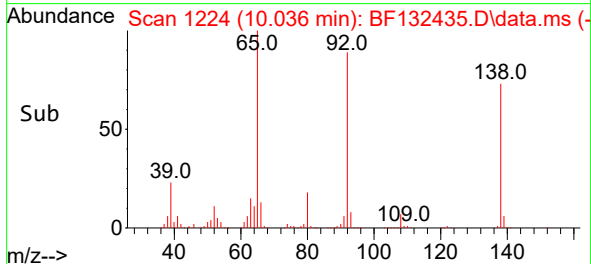
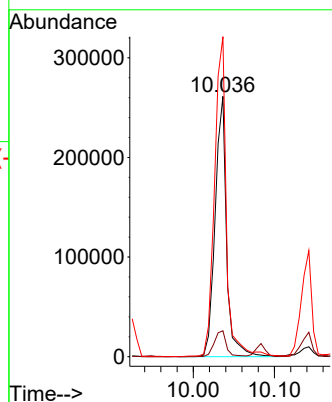
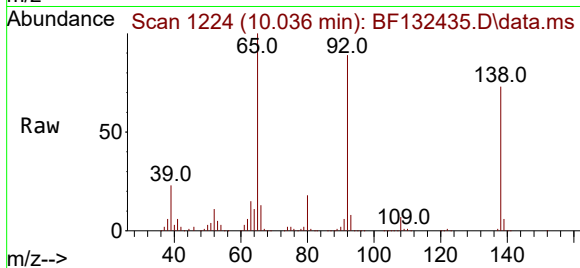




#53
3-Nitroaniline
Concen: 29.330 ng
RT: 10.036 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

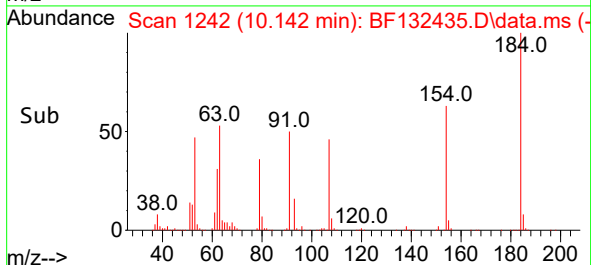
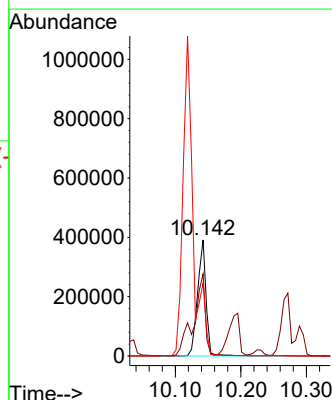
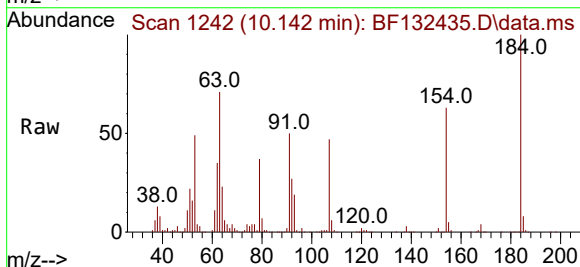
Instrument :
BNA_F
ClientSampleId :
PB150899BS

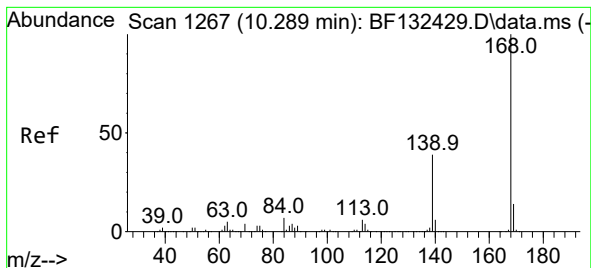
Tgt Ion:138 Resp: 255576
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 123.0 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 75.579 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:184 Resp: 354755
Ion Ratio Lower Upper
184 100
63 70.8 47.0 70.6#
154 62.8 49.0 73.6





#55

Dibenzenofuran

Concen: 35.330 ng

RT: 10.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

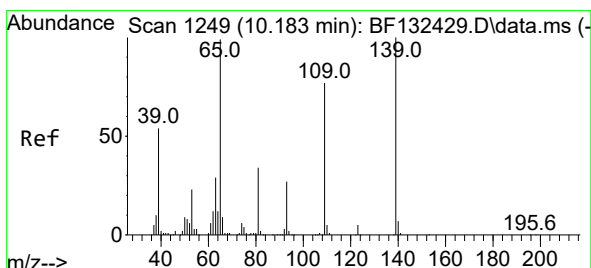
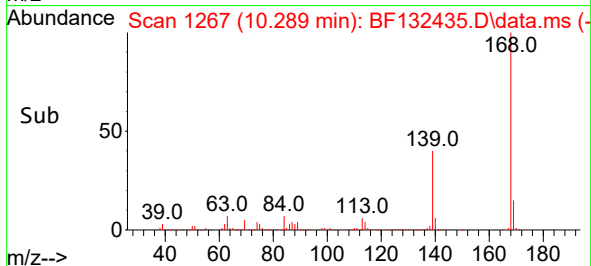
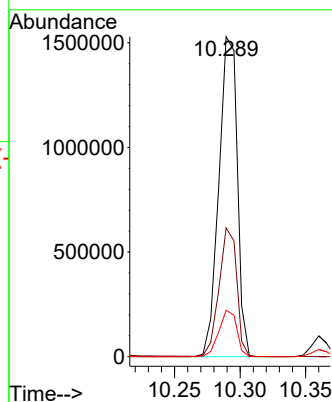
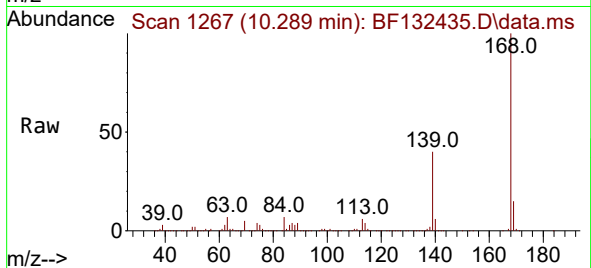
Tgt Ion:168 Resp: 1492128

Ion Ratio Lower Upper

168 100

139 40.2 31.0 46.4

169 14.5 11.0 16.4



#56

4-Nitrophenol

Concen: 77.342 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.012 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

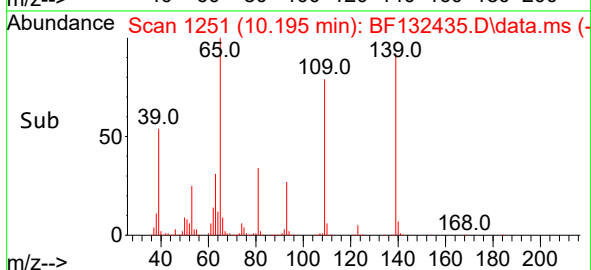
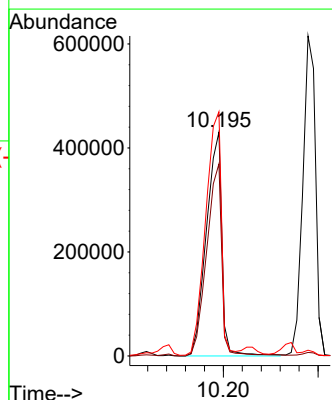
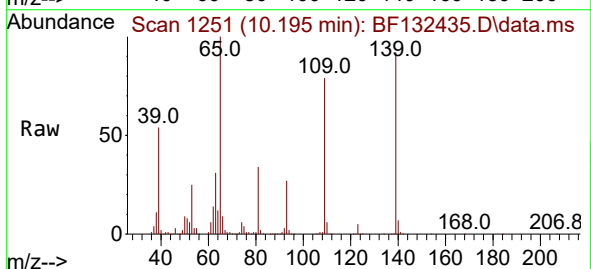
Tgt Ion:139 Resp: 488935

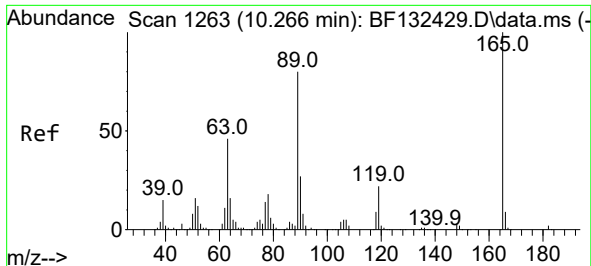
Ion Ratio Lower Upper

139 100

109 85.8 57.2 97.2

65 109.1 79.2 119.2

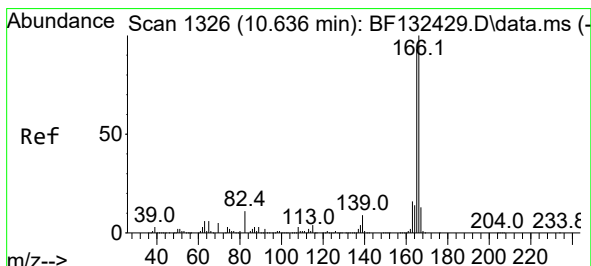
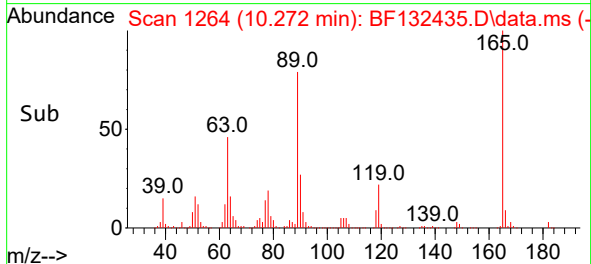
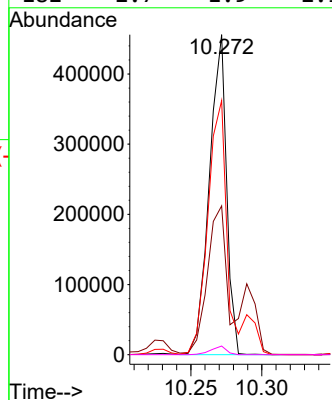
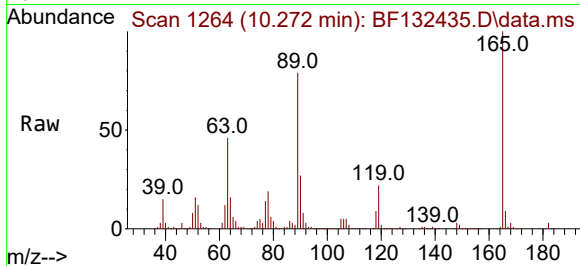




#57
2,4-Dinitrotoluene
Concen: 38.608 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

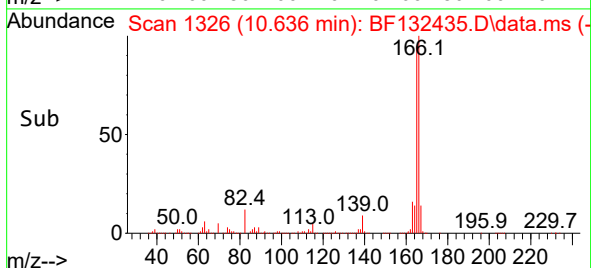
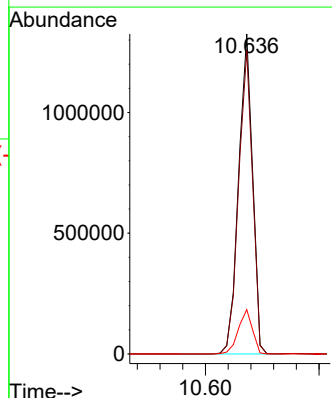
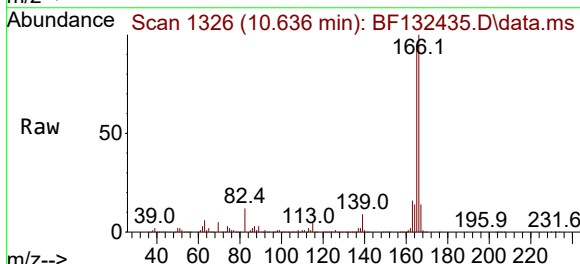
Instrument :
BNA_F
ClientSampleId :
PB150899BS

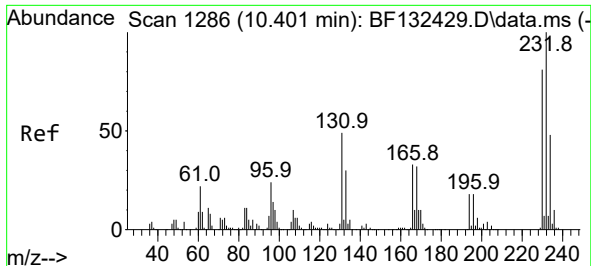
Tgt Ion:165 Resp: 385716
Ion Ratio Lower Upper
165 100
63 46.5 37.1 55.7
89 79.4 63.6 95.4
182 2.7 1.9 2.9



#58
Fluorene
Concen: 35.350 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:166 Resp: 1128733
Ion Ratio Lower Upper
166 100
165 94.8 74.6 111.8
167 13.8 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.991 ng

RT: 10.407 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

Tgt Ion:232 Resp: 347193

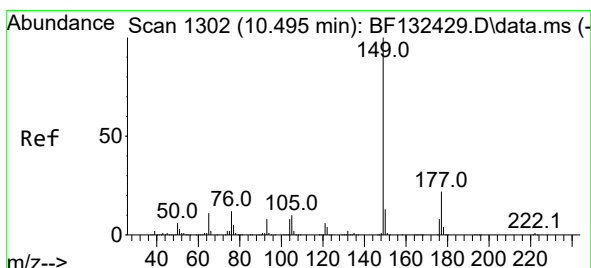
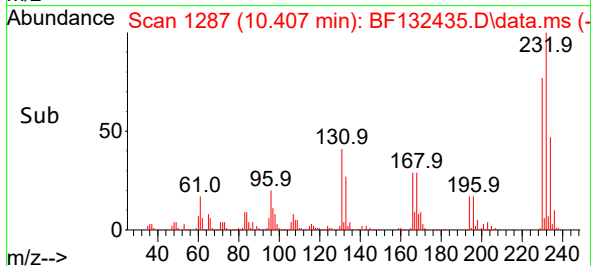
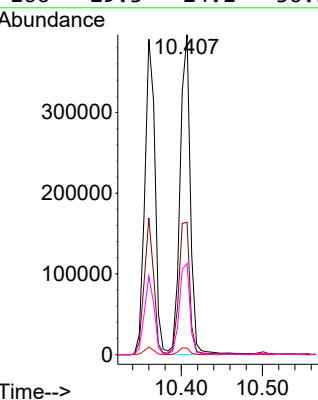
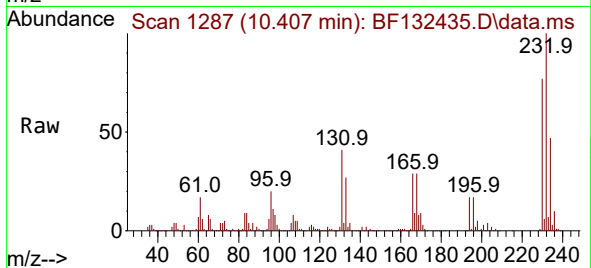
Ion Ratio Lower Upper

232 100

131 43.9 35.8 53.8

130 2.3 1.8 2.8

166 29.3 24.1 36.1



#60

Diethylphthalate

Concen: 35.796 ng

RT: 10.501 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

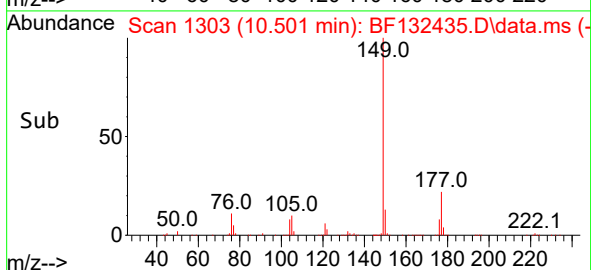
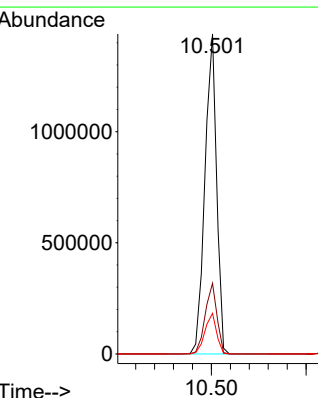
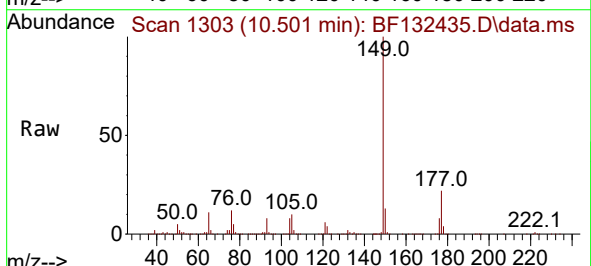
Tgt Ion:149 Resp: 1228018

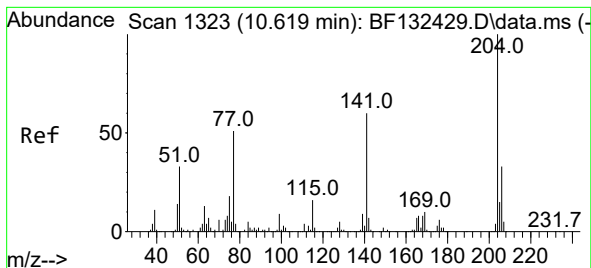
Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.8

150 12.7 10.0 15.0

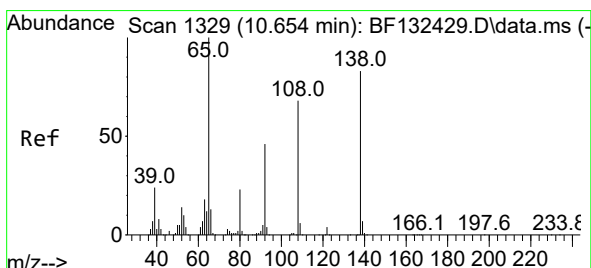
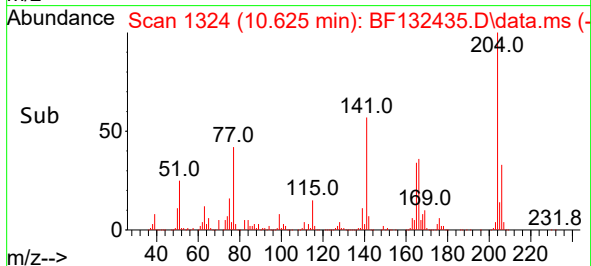
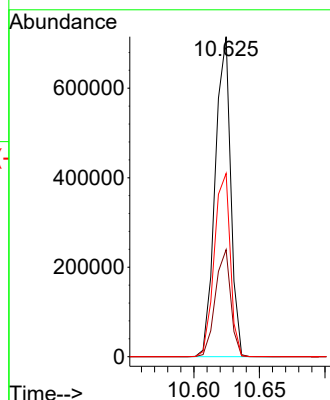
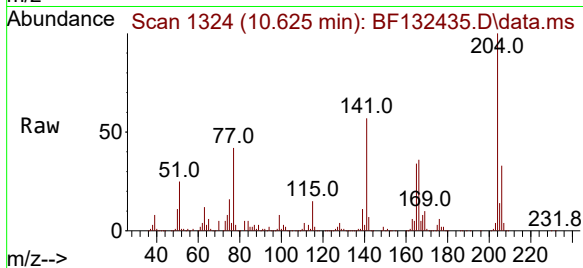




#61
4-Chlorophenyl-phenylether
Concen: 35.051 ng
RT: 10.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

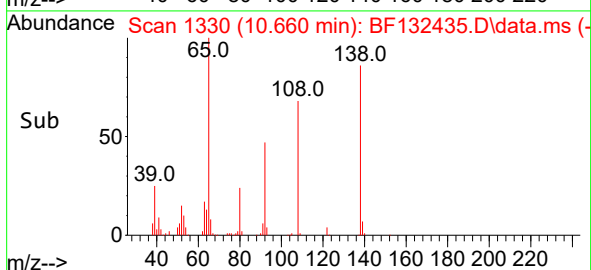
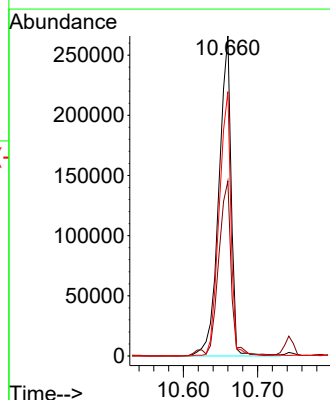
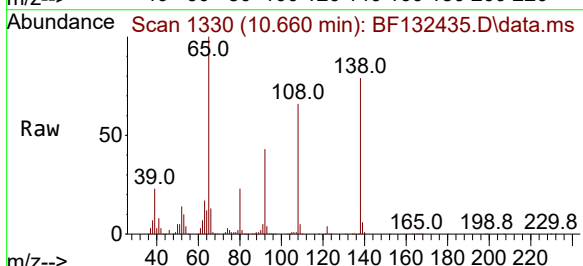
Instrument :
BNA_F
ClientSampleId :
PB150899BS

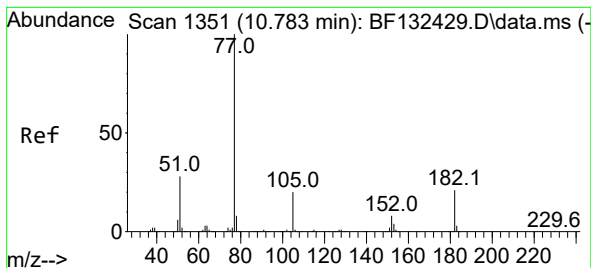
Tgt Ion:204 Resp: 586103
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 57.2 48.2 72.2



#62
4-Nitroaniline
Concen: 37.826 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:138 Resp: 307564
Ion Ratio Lower Upper
138 100
92 54.7 35.9 75.9
108 82.6 62.1 102.1





#63

Azobenzene

Concen: 36.246 ng

RT: 10.783 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

Tgt Ion: 77 Resp: 1375819

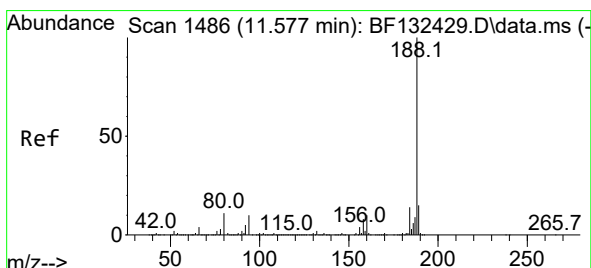
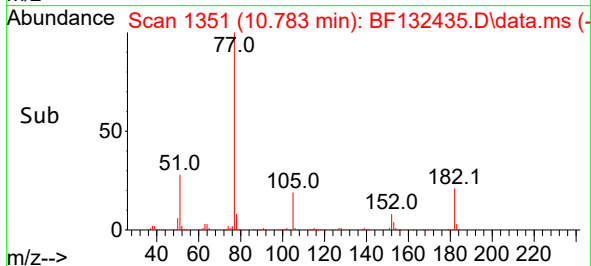
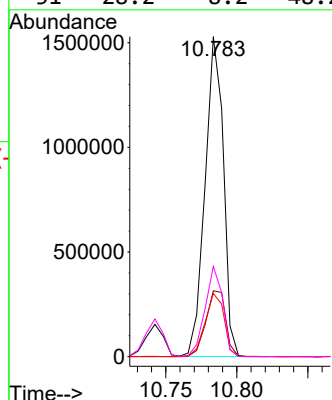
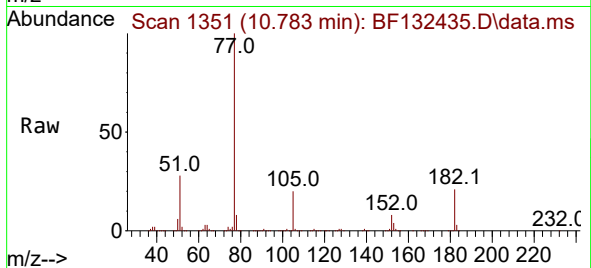
Ion Ratio Lower Upper

77 100

182 20.6 1.4 41.4

105 19.7 0.1 40.1

51 28.2 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.578 min Scan# 1486

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

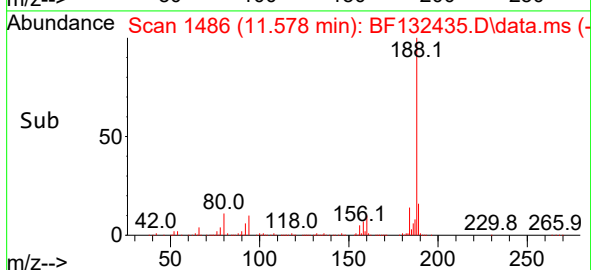
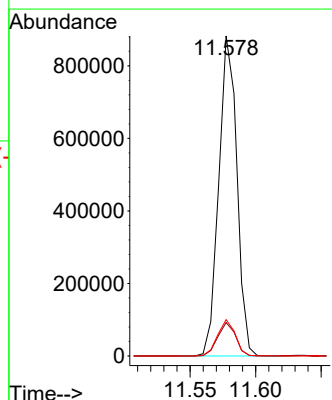
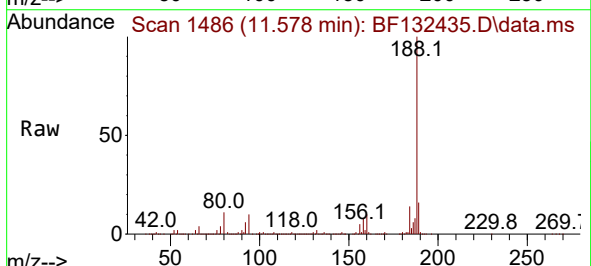
Tgt Ion: 188 Resp: 845627

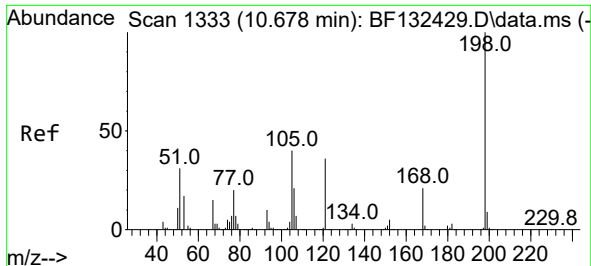
Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

80 11.4 8.6 12.8

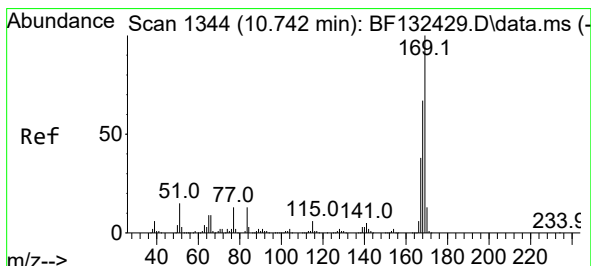
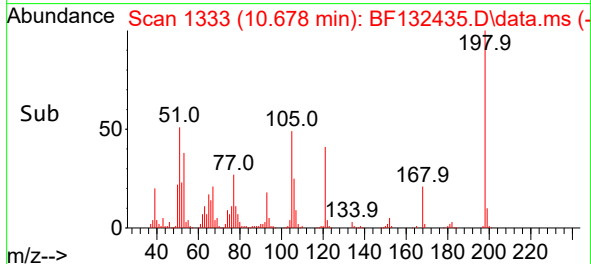
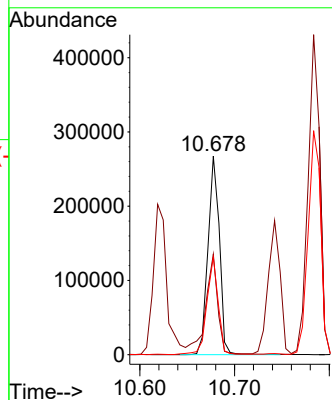
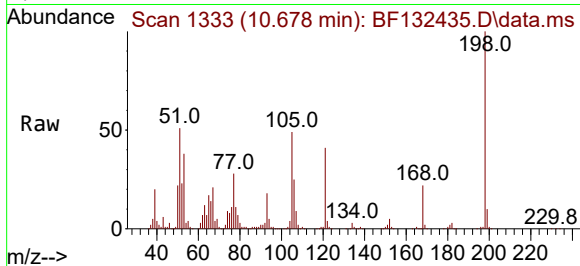




#65
4,6-Dinitro-2-methylphenol
Concen: 42.544 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

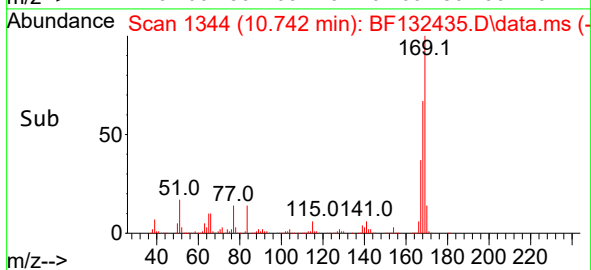
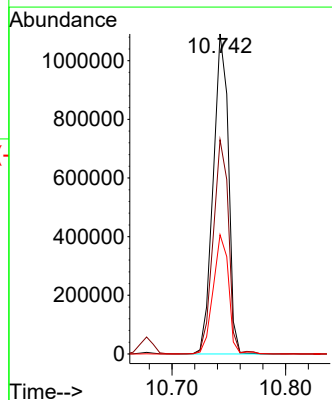
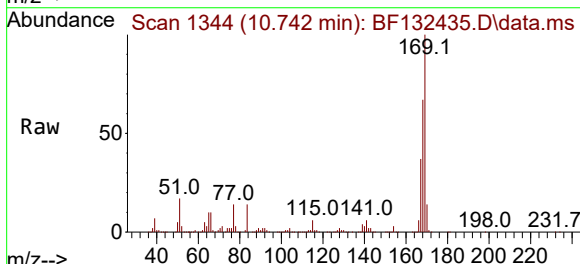
Instrument :
BNA_F
ClientSampleId :
PB150899BS

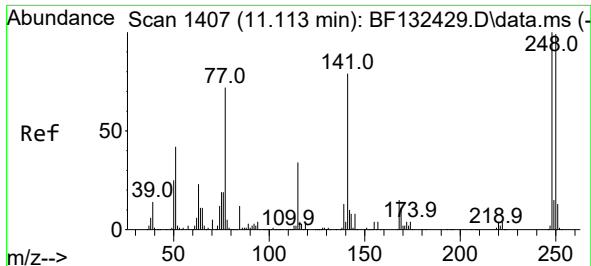
Tgt Ion:198 Resp: 223671
Ion Ratio Lower Upper
198 100
51 50.6 17.4 57.4
105 49.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 39.093 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:169 Resp: 1014638
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 37.2 30.2 45.2

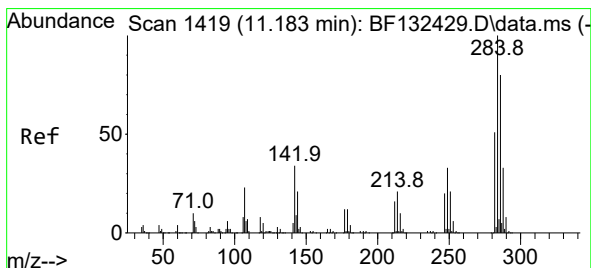
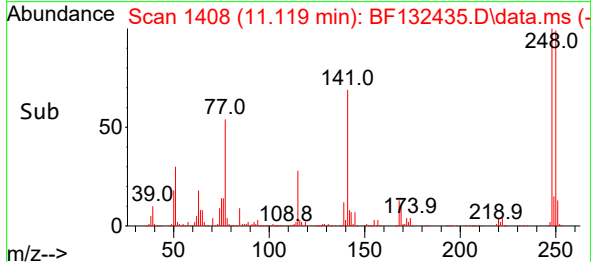
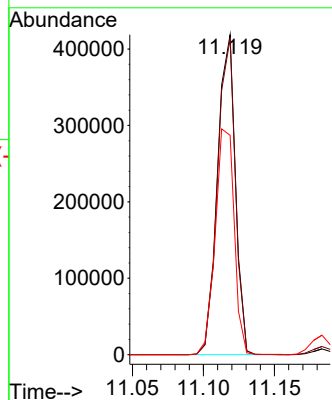
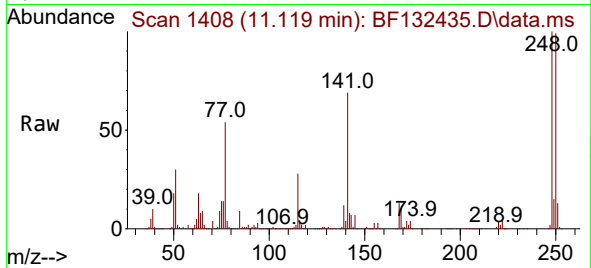




#67
4-Bromophenyl-phenylether
Concen: 39.681 ng
RT: 11.119 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

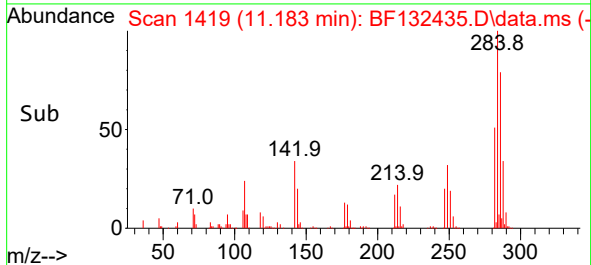
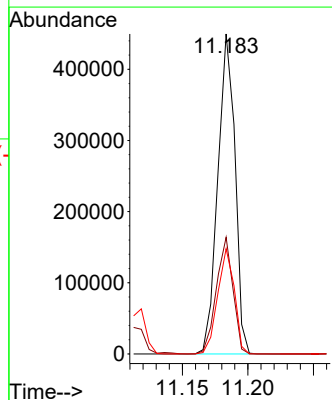
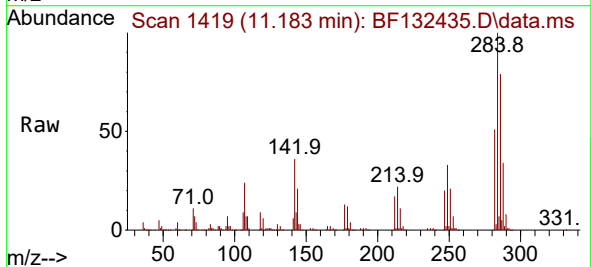
Instrument :
BNA_F
ClientSampleId :
PB150899BS

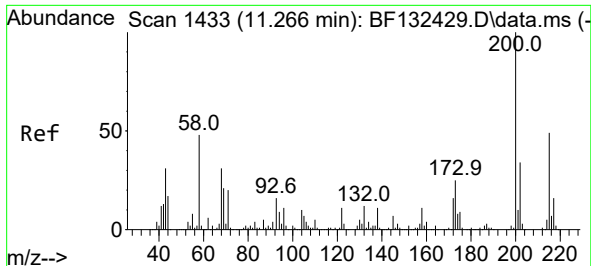
Tgt Ion:248 Resp: 367765
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.4
141 68.5 63.3 94.9



#68
Hexachlorobenzene
Concen: 42.173 ng
RT: 11.183 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:284 Resp: 408571
Ion Ratio Lower Upper
284 100
142 36.4 27.5 41.3
249 32.9 26.2 39.4

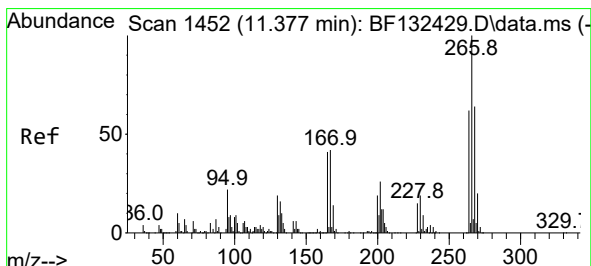
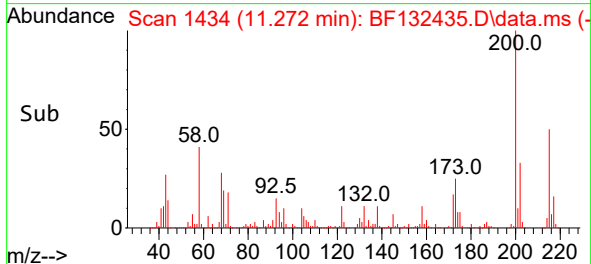
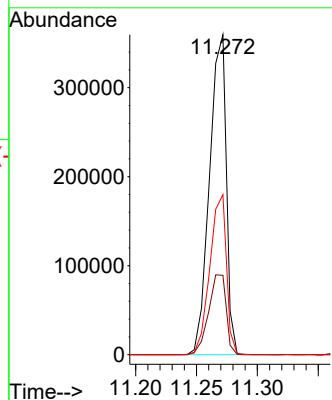
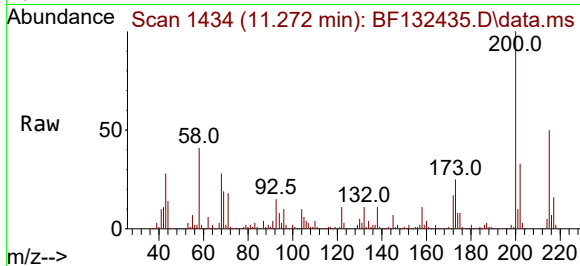




#69
Atrazine
Concen: 43.100 ng
RT: 11.272 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

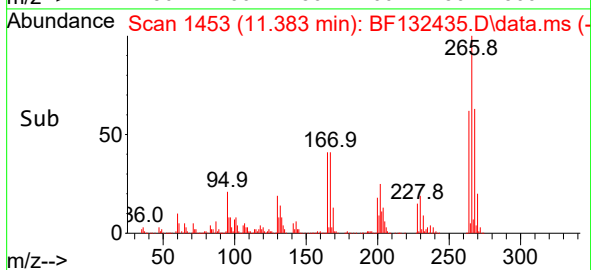
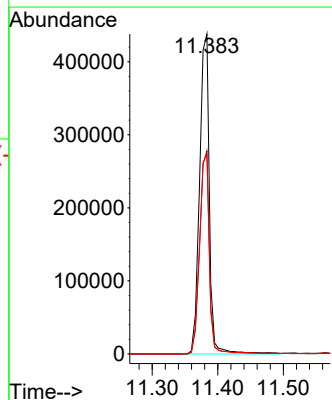
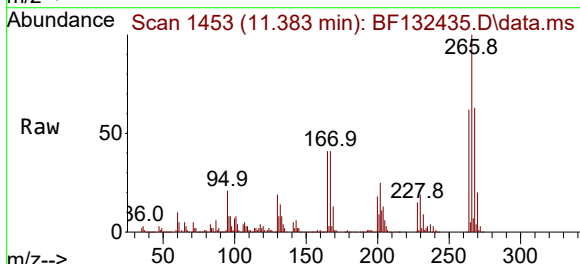
Instrument :
BNA_F
ClientSampleId :
PB150899BS

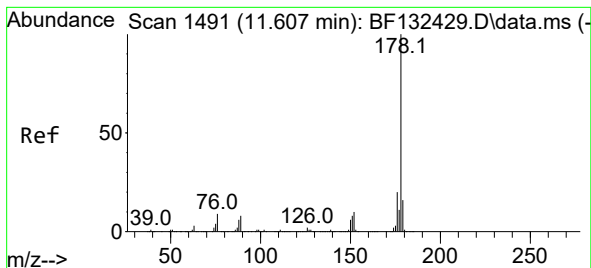
Tgt Ion:200 Resp: 344323
Ion Ratio Lower Upper
200 100
173 24.8 5.3 45.3
215 50.0 29.1 69.1



#70
Pentachlorophenol
Concen: 75.578 ng
RT: 11.383 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:266 Resp: 455222
Ion Ratio Lower Upper
266 100
268 63.4 51.0 76.4
264 62.1 49.8 74.6





#71

Phenanthrene

Concen: 38.384 ng

RT: 11.607 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

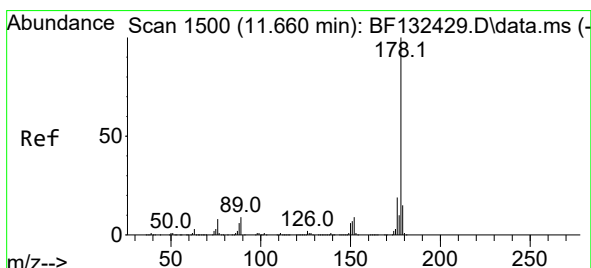
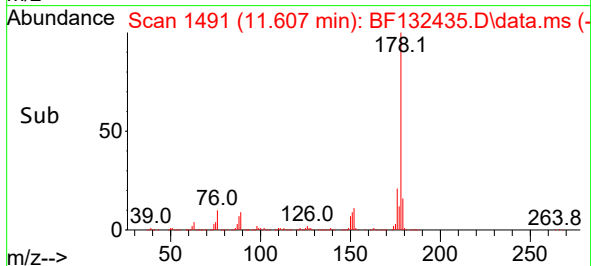
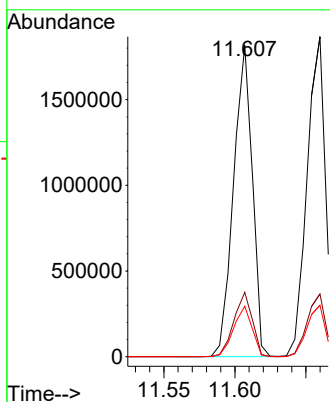
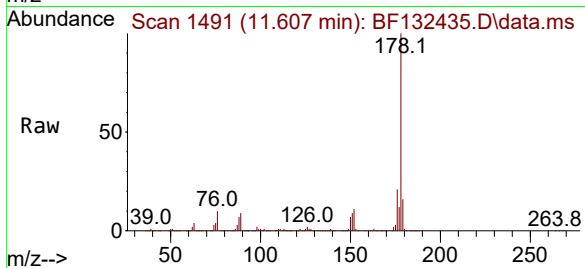
Tgt Ion:178 Resp: 1671742

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

179 16.2 12.6 18.8



#72

Anthracene

Concen: 37.718 ng

RT: 11.660 min Scan# 1500

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

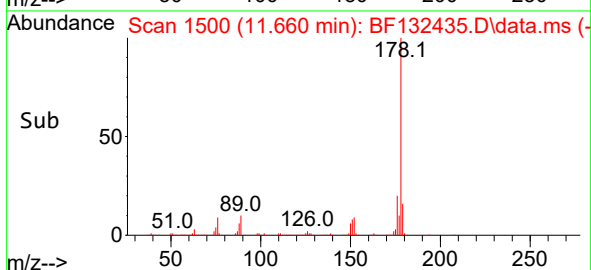
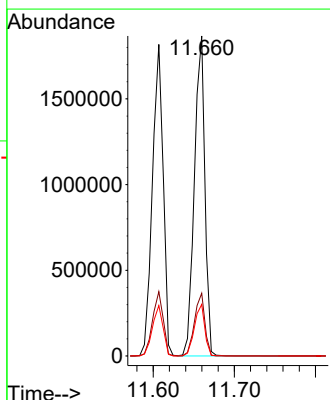
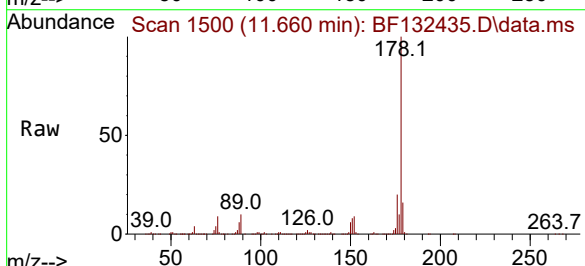
Tgt Ion:178 Resp: 1688753

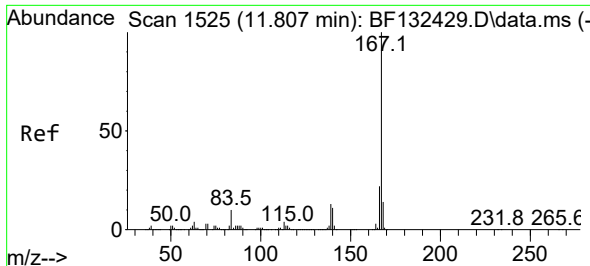
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.1 12.4 18.6

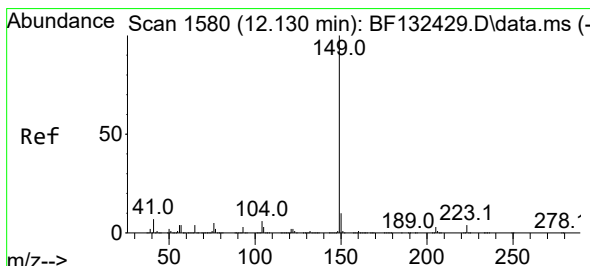
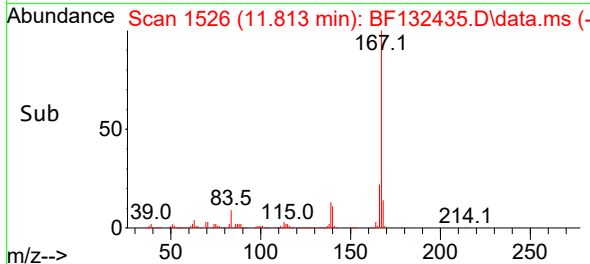
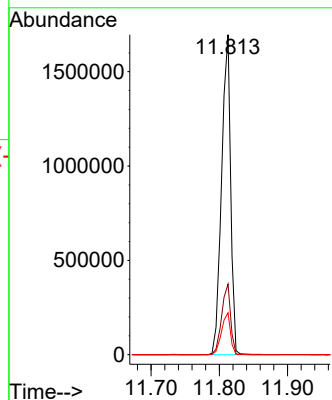
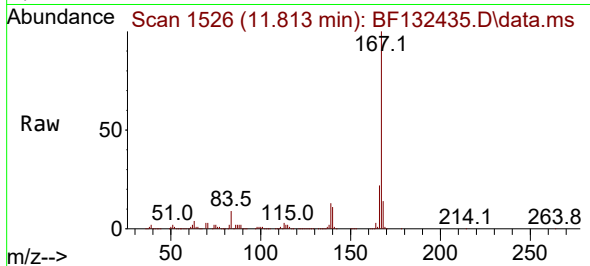




#73
 Carbazole
 Concen: 38.944 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. 0.006 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

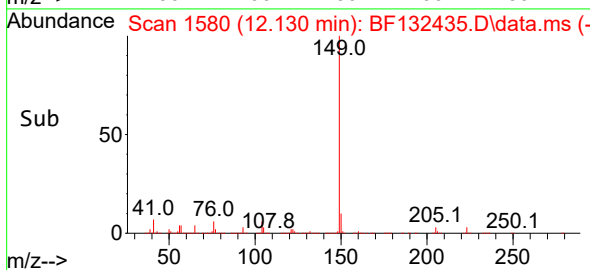
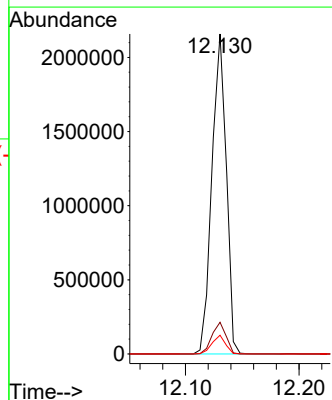
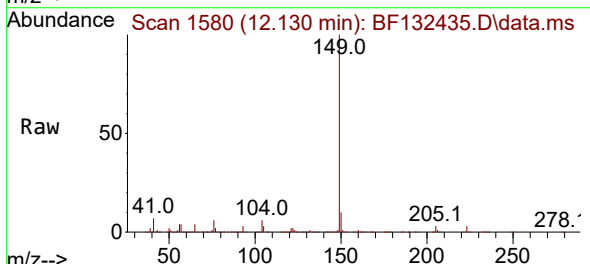
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BS

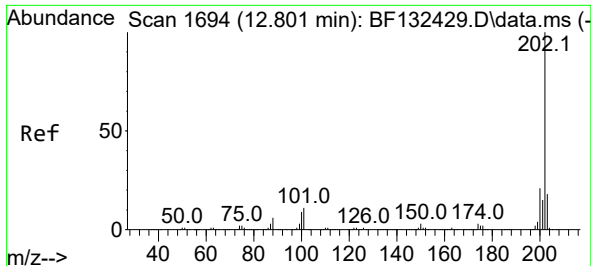
Tgt Ion:167 Resp: 1569549
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.395 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion:149 Resp: 1891118
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.9 4.5 6.7

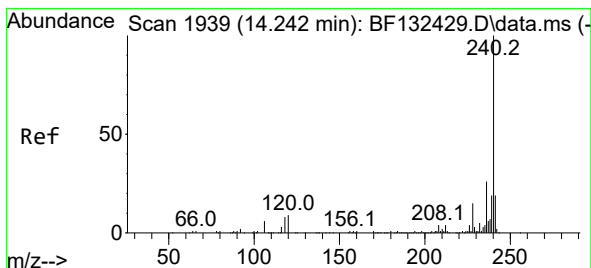
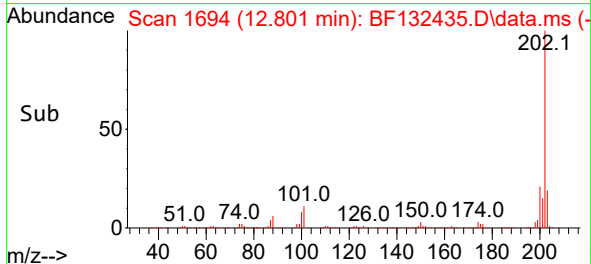
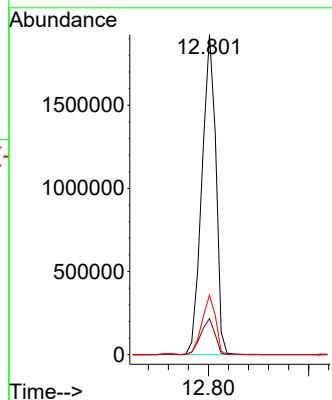
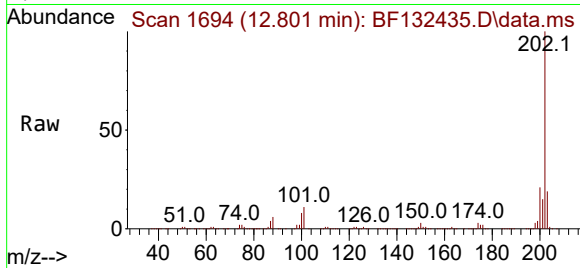




#75
Fluoranthene
Concen: 38.286 ng
RT: 12.801 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

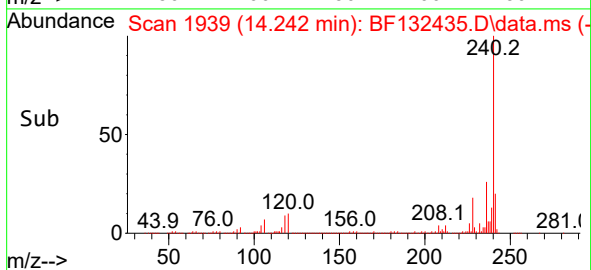
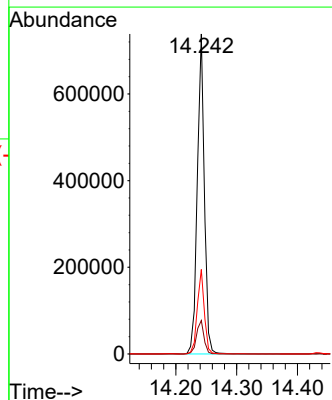
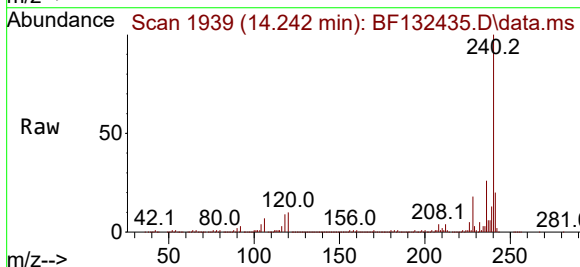
Instrument :
BNA_F
ClientSampleId :
PB150899BS

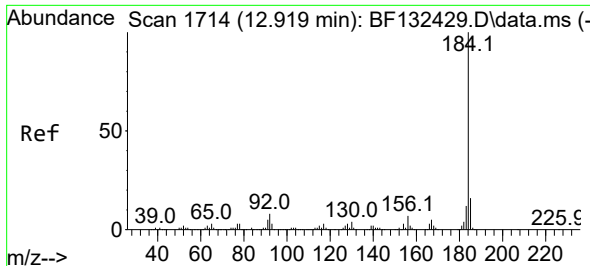
Tgt Ion:202 Resp: 1859572
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 18.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:240 Resp: 594801
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 26.4 21.0 31.6

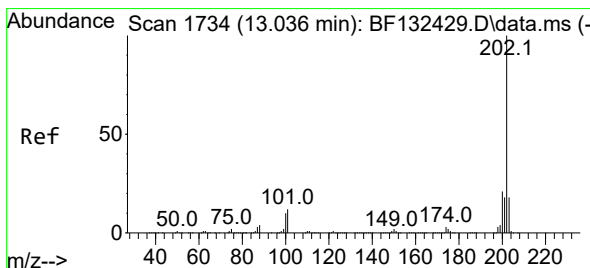
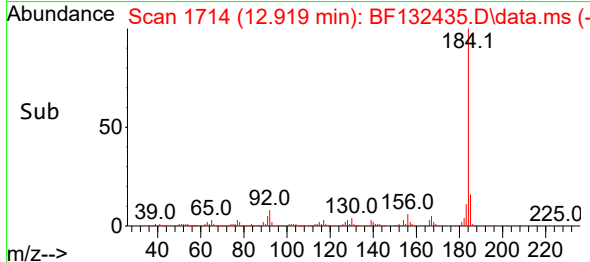
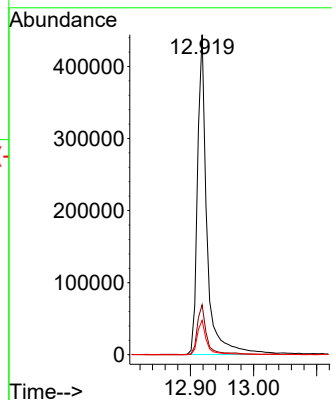
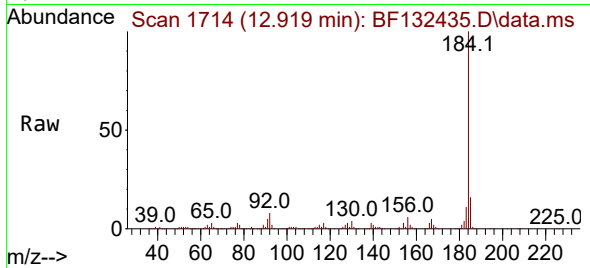




#77
Benzidine
Concen: 36.382 ng
RT: 12.919 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

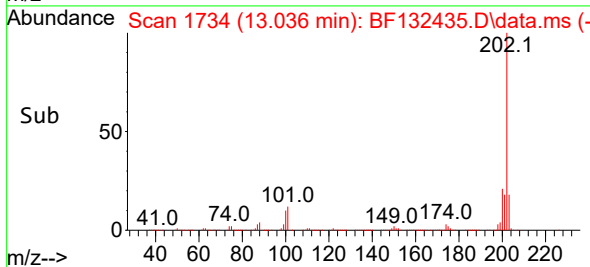
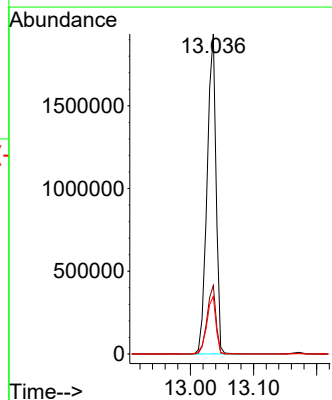
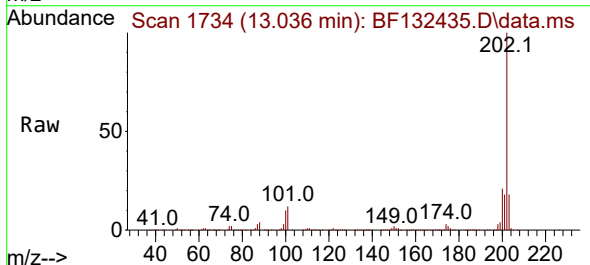
Instrument :
BNA_F
ClientSampleId :
PB150899BS

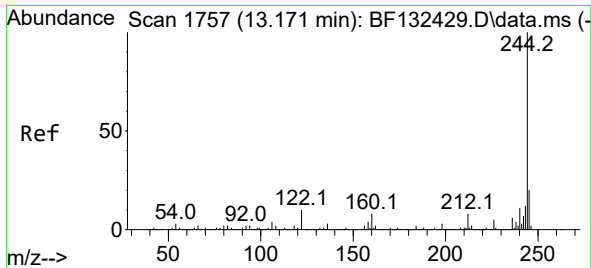
Tgt Ion:184 Resp: 460799
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 10.7 9.2 13.8



#78
Pyrene
Concen: 37.816 ng
RT: 13.036 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:202 Resp: 1910788
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 18.0 14.3 21.5

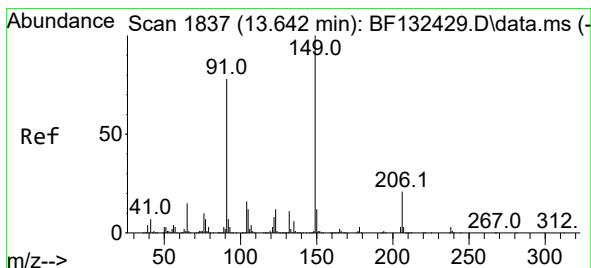
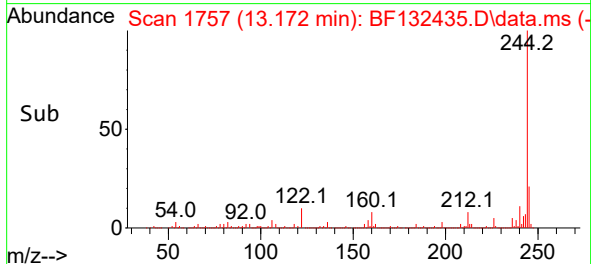
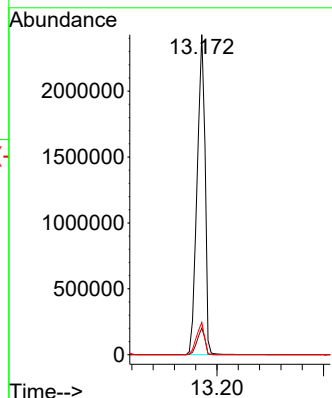
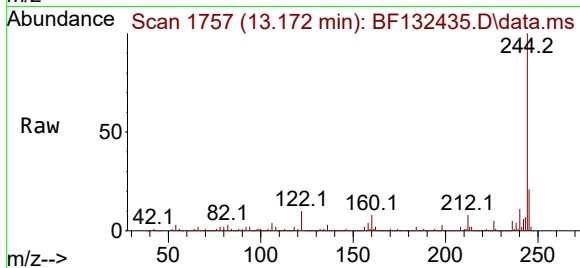




#79
 Terphenyl-d14
 Concen: 77.176 ng
 RT: 13.172 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

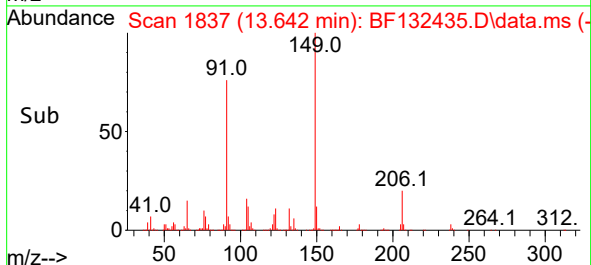
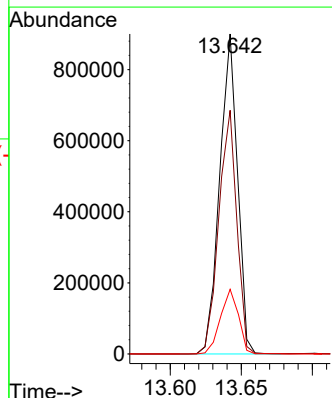
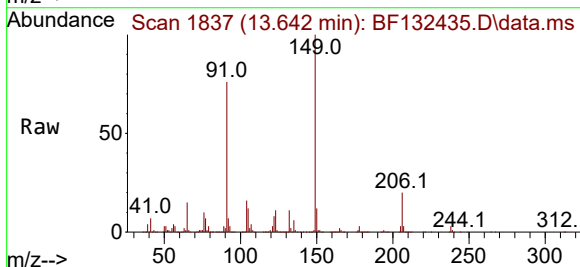
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BS

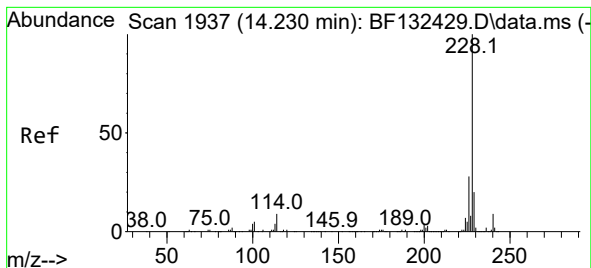
Tgt Ion:244 Resp: 2520550
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 10.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 41.618 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF132435.D
 Acq: 16 Feb 2023 15:47

Tgt Ion:149 Resp: 784687
 Ion Ratio Lower Upper
 149 100
 91 76.1 62.8 94.2
 206 20.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.085 ng

RT: 14.230 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

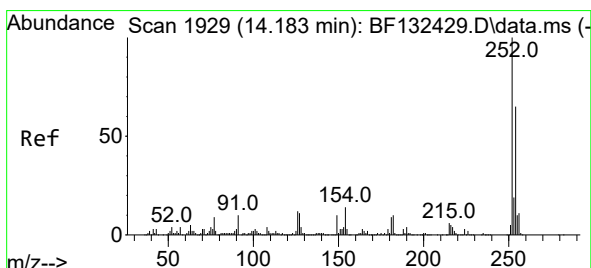
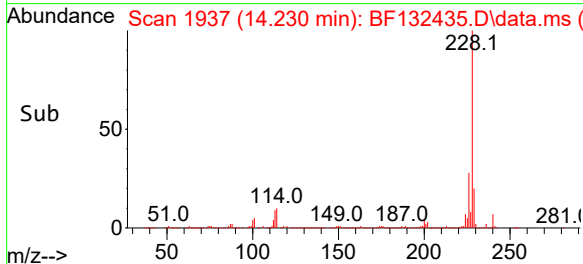
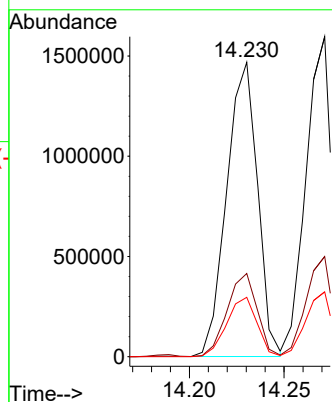
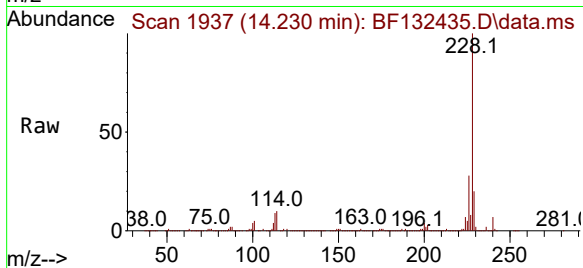
Tgt Ion:228 Resp: 1659137

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

229 20.2 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 39.850 ng

RT: 14.189 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

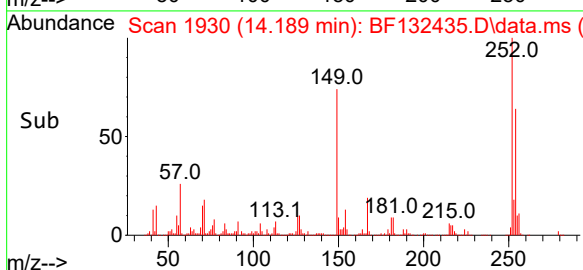
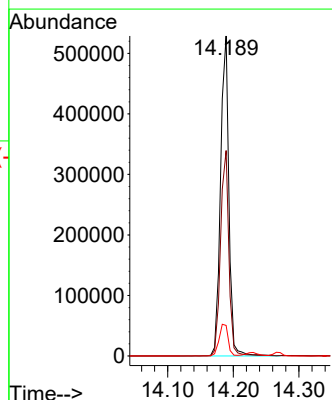
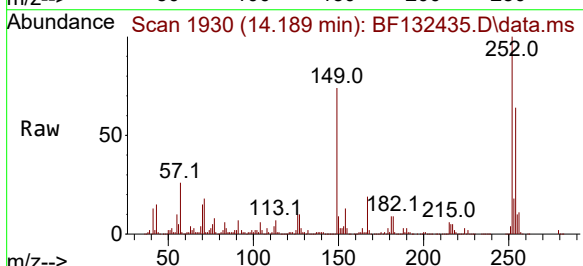
Tgt Ion:252 Resp: 463703

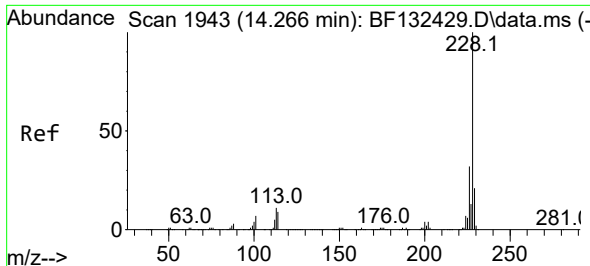
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

126 9.6 9.6 14.4#

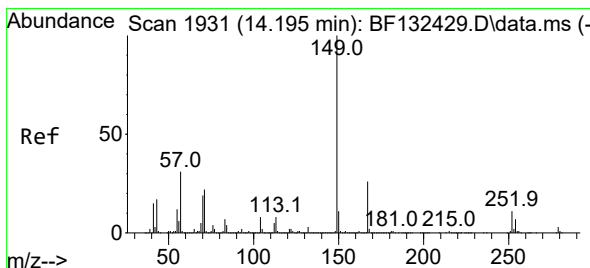
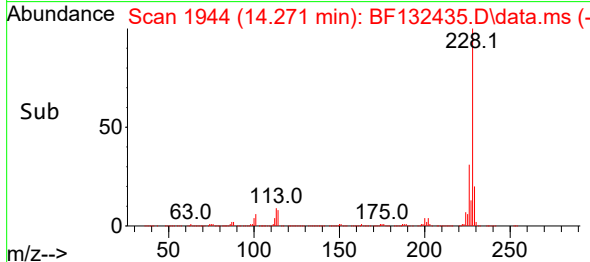
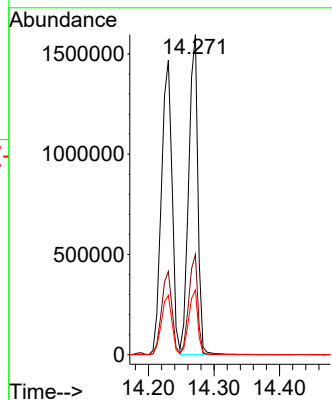
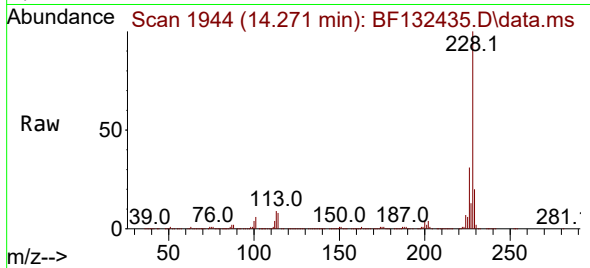




#83
Chrysene
Concen: 36.826 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

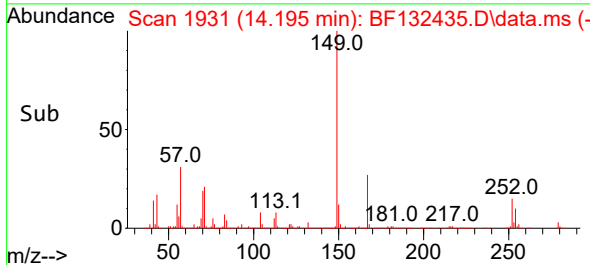
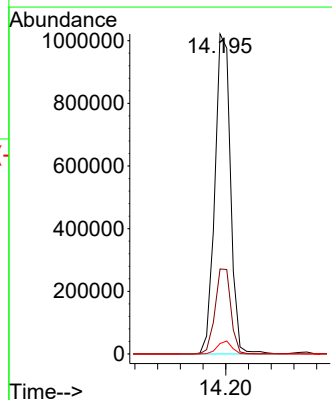
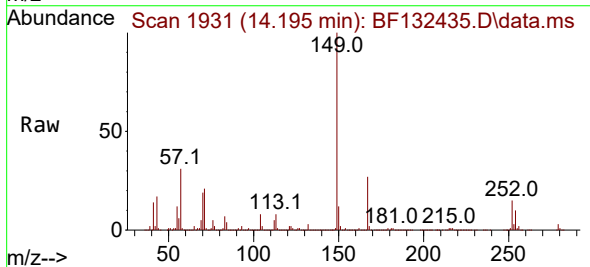
Instrument :
BNA_F
ClientSampleId :
PB150899BS

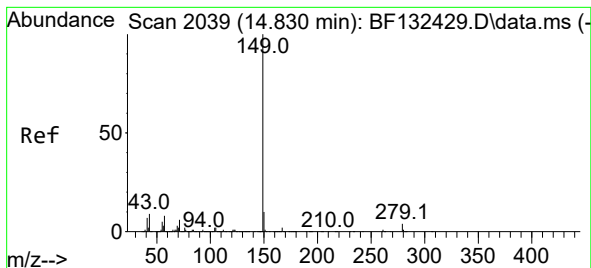
Tgt Ion:228 Resp: 1532796
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.2
229 20.3 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.960 ng
RT: 14.195 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:149 Resp: 975327
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 3.2 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 43.628 ng

RT: 14.830 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB150899BS

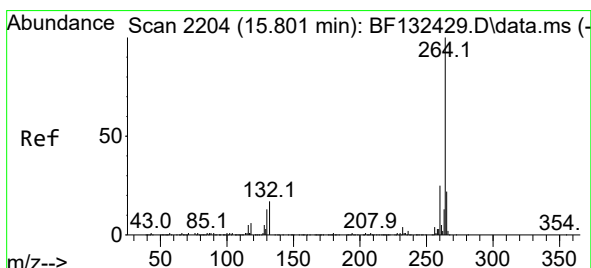
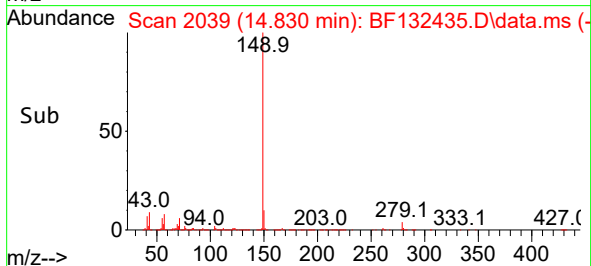
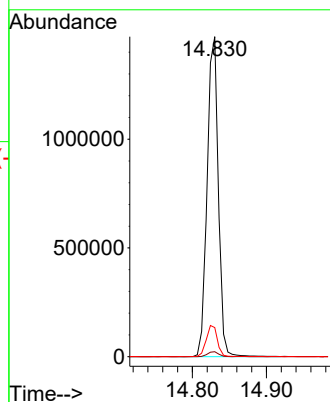
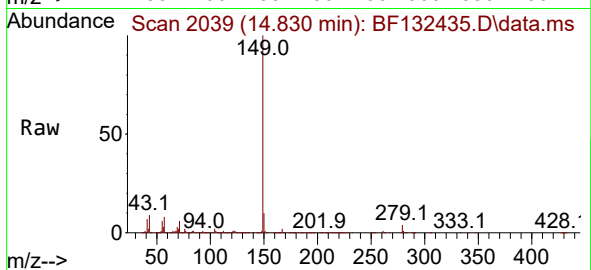
Tgt Ion:149 Resp: 1546211

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF132435.D

Acq: 16 Feb 2023 15:47

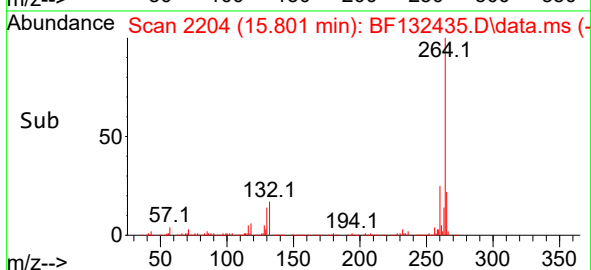
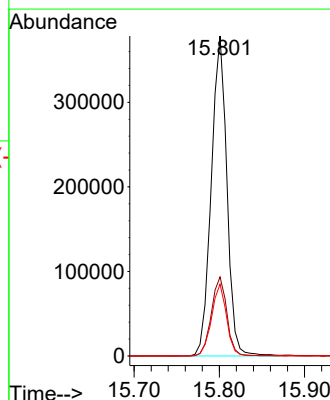
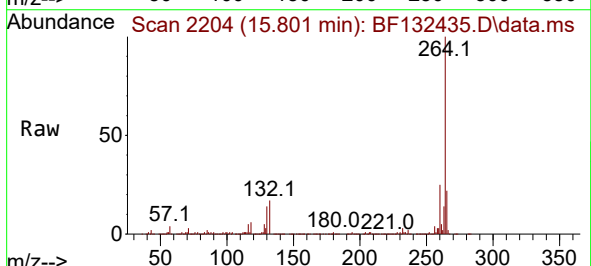
Tgt Ion:264 Resp: 483505

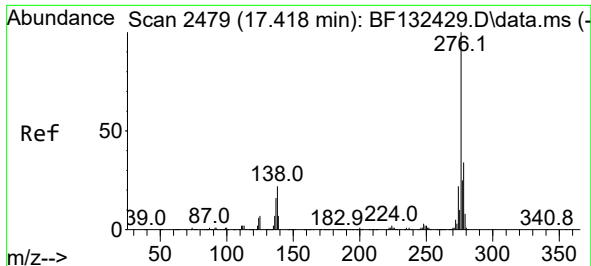
Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 22.4 17.2 25.8

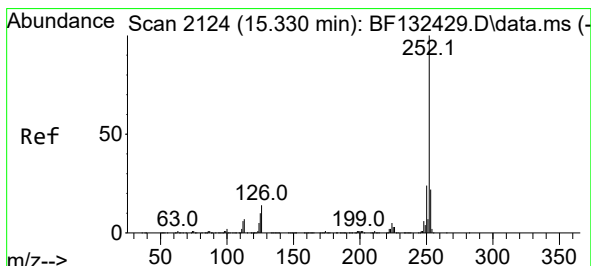
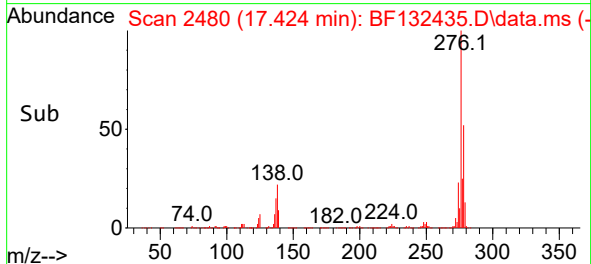
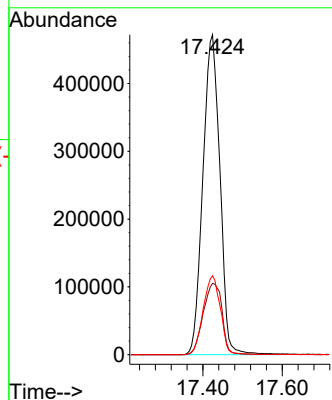
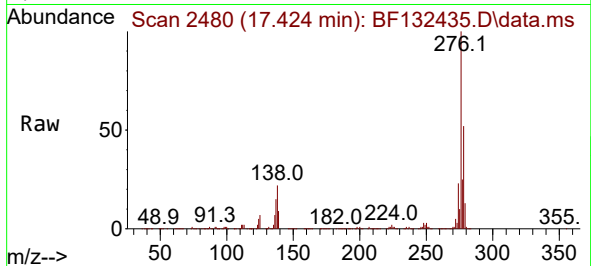




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.430 ng
RT: 17.424 min Scan# 2479
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

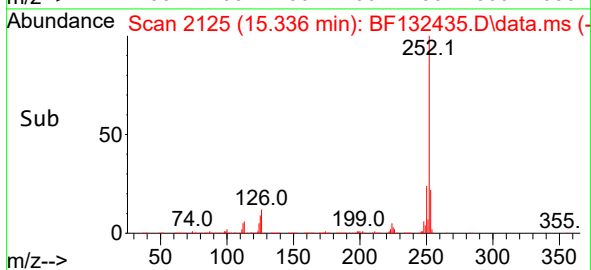
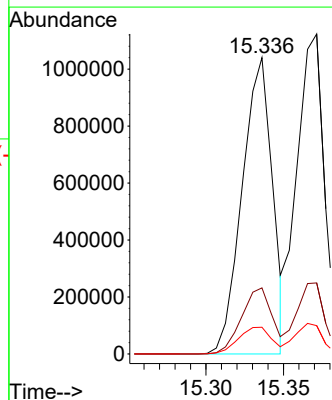
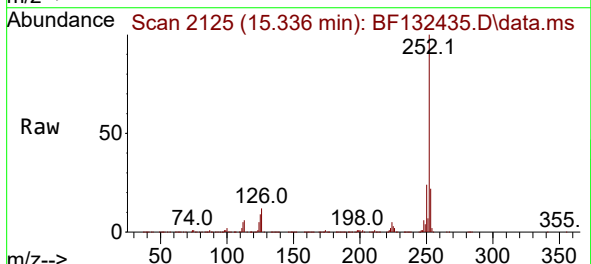
Instrument :
BNA_F
ClientSampleId :
PB150899BS

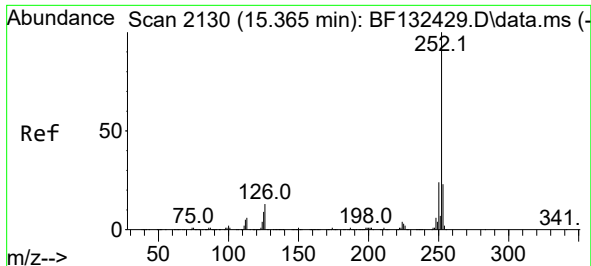
Tgt Ion:276 Resp: 1404116
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 44.432 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:252 Resp: 1412762
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.6 11.4

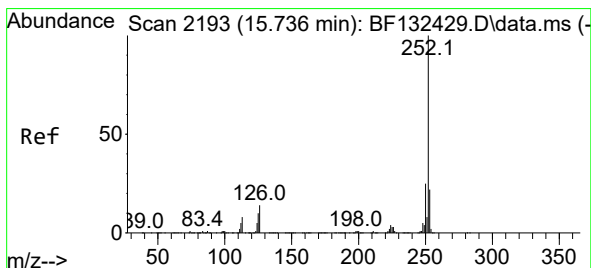
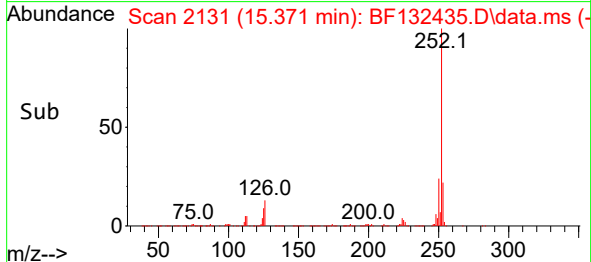
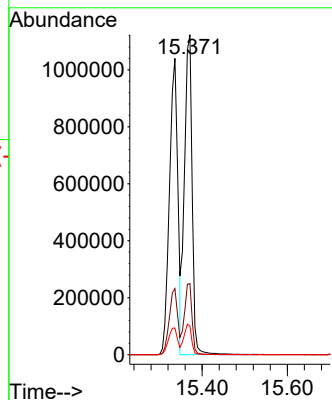
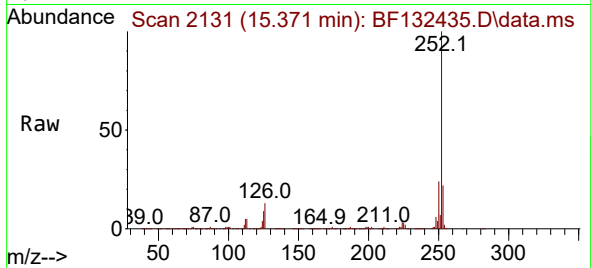




#89
Benzo(k)fluoranthene
Concen: 44.151 ng
RT: 15.371 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

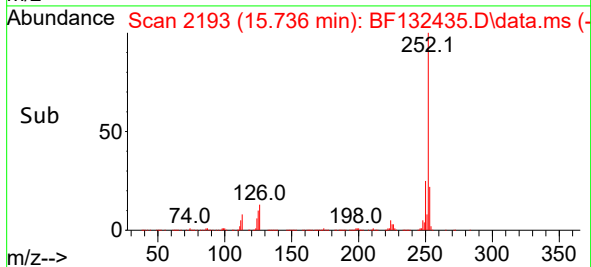
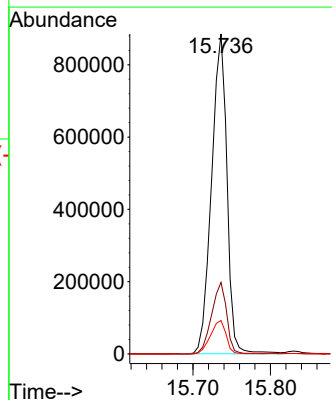
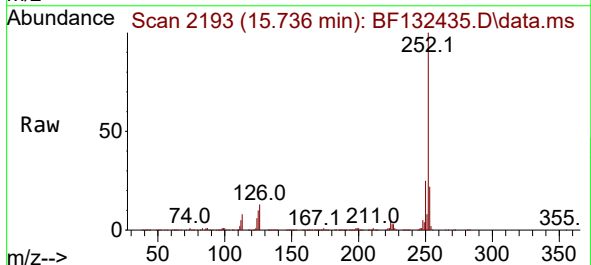
Instrument :
BNA_F
ClientSampleId :
PB150899BS

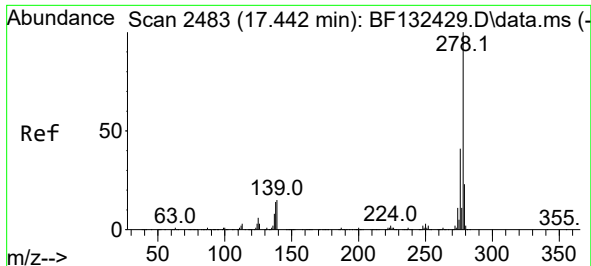
Tgt Ion:252 Resp: 1404814
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 41.373 ng
RT: 15.736 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:252 Resp: 1222525
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 8.2 12.4

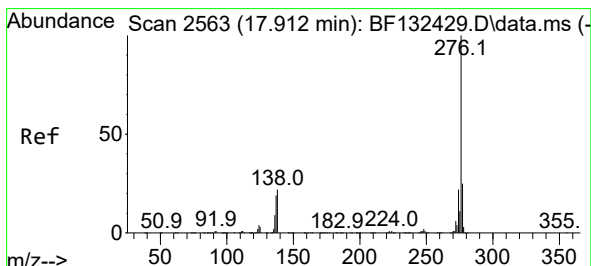
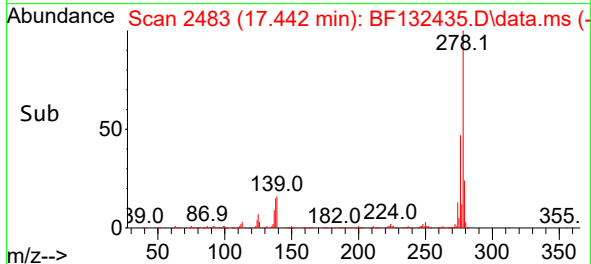
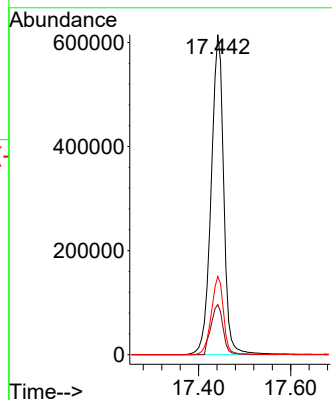
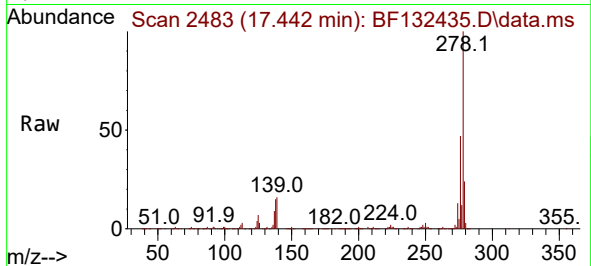




#91
Dibenzo(a,h)anthracene
Concen: 45.857 ng
RT: 17.442 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Instrument :
BNA_F
ClientSampleId :
PB150899BS

Tgt Ion:278 Resp: 1167362
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.2
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.882 ng
RT: 17.918 min Scan# 2564
Delta R.T. 0.006 min
Lab File: BF132435.D
Acq: 16 Feb 2023 15:47

Tgt Ion:276 Resp: 1225642
Ion Ratio Lower Upper
276 100
277 24.0 19.6 29.4
138 22.4 17.7 26.5

