

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132436.D
 Acq On : 16 Feb 2023 16:21
 Operator : CG\JU
 Sample : PB150899BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150899BSD

Quant Time: Feb 17 04:43:36 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	209686	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	815054	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	437772	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	799203	20.000	ng	0.00
76) Chrysene-d12	14.242	240	559127	20.000	ng	0.00
86) Perylene-d12	15.801	264	461017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1109730	84.803	ng	0.01
7) Phenol-d6	6.654	99	1449942	84.855	ng	0.00
23) Nitrobenzene-d5	7.601	82	1367607	80.624	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	336256	76.985	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1985484	70.041	ng	0.00
79) Terphenyl-d14	13.172	244	2380035	77.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.978	88	216113	30.528	ng	100
3) Pyridine	3.731	79	584116	30.398	ng	99
4) n-Nitrosodimethylamine	3.696	42	310807	40.966	ng	96
6) Aniline	6.695	93	820725	34.477	ng	98
8) 2-Chlorophenol	6.819	128	606130	45.371	ng	92
9) Benzaldehyde	6.578	77	157423	17.231	ng	97
10) Phenol	6.666	94	784010	43.296	ng	96
11) bis(2-Chloroethyl)ether	6.760	93	690814	44.975	ng	98
12) 1,3-Dichlorobenzene	6.972	146	605490	41.605	ng	99
13) 1,4-Dichlorobenzene	7.048	146	613441	42.255	ng	99
14) 1,2-Dichlorobenzene	7.201	146	596836	44.873	ng	97
15) Benzyl Alcohol	7.172	79	581508	46.008	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.301	45	928910	43.495	ng	99
17) 2-Methylphenol	7.278	107	513614	40.386	ng	99
18) Hexachloroethane	7.548	117	245430	44.774	ng	99
19) n-Nitroso-di-n-propyla...	7.448	70	444267	42.411	ng	97
20) 3+4-Methylphenols	7.431	107	614555	39.139	ng	# 82
22) Acetophenone	7.442	105	823429	38.981	ng	99
24) Nitrobenzene	7.619	77	727836	39.136	ng	99
25) Isophorone	7.854	82	1317044	39.513	ng	99
26) 2-Nitrophenol	7.931	139	319259	44.160	ng	99
27) 2,4-Dimethylphenol	7.960	122	521740	39.970	ng	96
28) bis(2-Chloroethoxy)met...	8.060	93	760913	39.064	ng	100
29) 2,4-Dichlorophenol	8.172	162	495821	40.263	ng	99
30) 1,2,4-Trichlorobenzene	8.254	180	541402	39.531	ng	98
31) Naphthalene	8.342	128	1597317	37.763	ng	99
32) Benzoic acid	8.089	122	406850	43.882	ng	98
33) 4-Chloroaniline	8.384	127	361235	20.556	ng	97
34) Hexachlorobutadiene	8.454	225	344827	39.881	ng	99
35) Caprolactam	8.766	113	112216	28.069	ng	98
36) 4-Chloro-3-methylphenol	8.866	107	553949	40.202	ng	98
37) 2-Methylnaphthalene	9.037	142	1043624	36.661	ng	99
38) 1-Methylnaphthalene	9.136	142	978169	36.575	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	530396	37.391	ng	99
41) Hexachlorocyclopentadiene	9.184	237	651197	83.582	ng	98
43) 2,4,6-Trichlorophenol	9.307	196	372246	39.836	ng	99

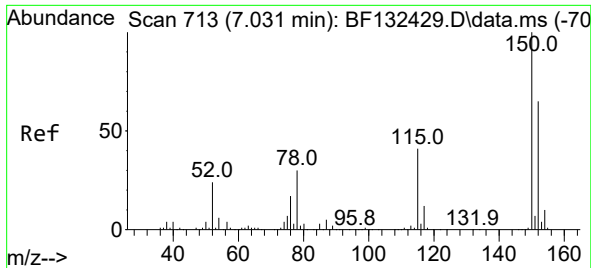
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 QLast Update : Fri Feb 17 03:08:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	389597	35.796	ng	97
46) 1,1'-Biphenyl	9.501	154	1246690	36.794	ng	99
47) 2-Chloronaphthalene	9.531	162	1009042	37.942	ng	97
48) 2-Nitroaniline	9.619	65	373080	39.983	ng	99
49) Acenaphthylene	9.948	152	1526762	36.133	ng	99
50) Dimethylphthalate	9.801	163	1183966	36.726	ng	99
51) 2,6-Dinitrotoluene	9.860	165	273904	39.068	ng	94
52) Acenaphthene	10.119	154	1090935	41.487	ng	100
53) 3-Nitroaniline	10.031	138	233075	28.955	ng	90
54) 2,4-Dinitrophenol	10.142	184	328386	75.724	ng	94
55) Dibenzofuran	10.289	168	1412100	36.194	ng	99
56) 4-Nitrophenol	10.189	139	461694	79.059	ng	85
57) 2,4-Dinitrotoluene	10.272	165	367363	39.805	ng	92
58) Fluorene	10.636	166	1067871	36.203	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	323457	39.323	ng	99
60) Diethylphthalate	10.501	149	1155302	36.455	ng	100
61) 4-Chlorophenyl-phenyle...	10.625	204	558571	36.161	ng	95
62) 4-Nitroaniline	10.654	138	287663	38.298	ng	96
63) Azobenzene	10.783	77	1296380	36.971	ng	100
65) 4,6-Dinitro-2-methylph...	10.678	198	209838	42.231	ng	89
66) n-Nitrosodiphenylamine	10.742	169	953387	38.867	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	341566	38.995	ng	92
68) Hexachlorobenzene	11.183	284	378027	41.286	ng	97
69) Atrazine	11.266	200	324897	43.031	ng	99
70) Pentachlorophenol	11.378	266	429621	75.470	ng	98
71) Phenanthrene	11.607	178	1569224	38.123	ng	99
72) Anthracene	11.660	178	1590071	37.577	ng	99
73) Carbazole	11.813	167	1490473	39.130	ng	99
74) Di-n-butylphthalate	12.130	149	1779524	39.223	ng	99
75) Fluoranthene	12.801	202	1734999	37.796	ng	99
77) Benzidine	12.919	184	482015	40.485	ng	98
78) Pyrene	13.036	202	1787104	37.625	ng	100
80) Butylbenzylphthalate	13.642	149	745878	42.084	ng	98
81) Benzo(a)anthracene	14.230	228	1586897	38.751	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	449751	41.118	ng	98
83) Chrysene	14.266	228	1451502	37.098	ng	99
84) Bis(2-ethylhexyl)phtha...	14.195	149	955973	41.666	ng	99
85) Di-n-octyl phthalate	14.824	149	1513364	45.425	ng	99
87) Indeno(1,2,3-cd)pyrene	17.418	276	1329618	45.118	ng	100
88) Benzo(b)fluoranthene	15.330	252	1369672	45.178	ng	99
89) Benzo(k)fluoranthene	15.366	252	1334467	43.986	ng	99
90) Benzo(a)pyrene	15.736	252	1151436	40.868	ng	99
91) Dibenzo(a,h)anthracene	17.442	278	1127166	46.438	ng	98
92) Benzo(g,h,i)perylene	17.918	276	1149318	46.107	ng	99

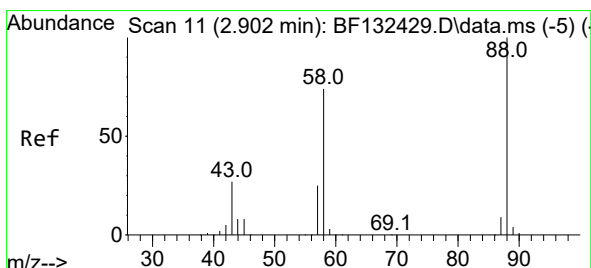
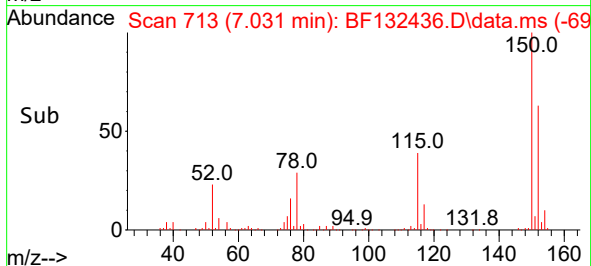
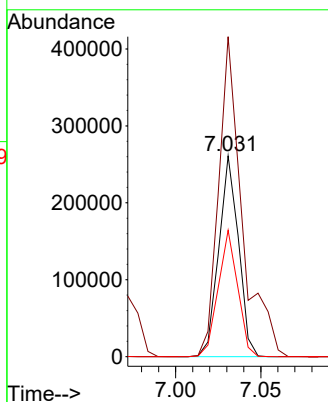
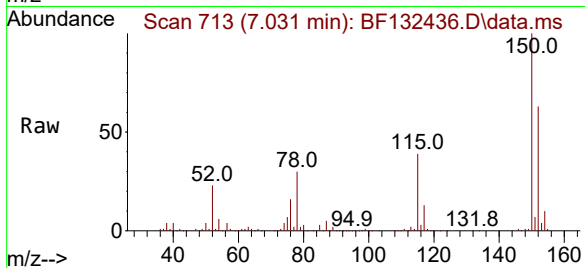
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132436.D
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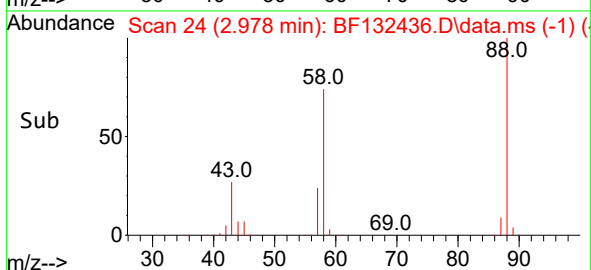
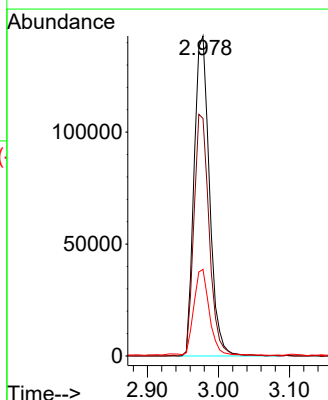
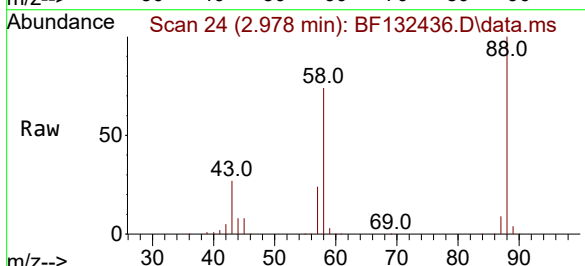
Instrument :
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PB150899BSD

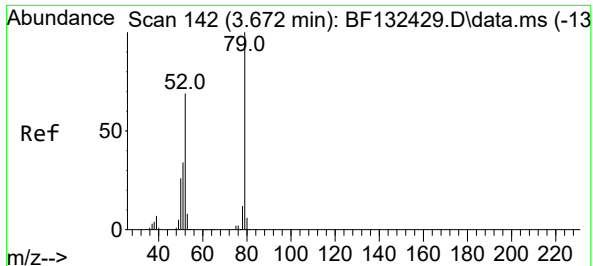
Tgt Ion:152 Resp: 209686
Ion Ratio Lower Upper
152 100
150 159.4 123.8 185.8
115 62.9 50.4 75.6



#2
1,4-Dioxane
Concen: 30.528 ng
RT: 2.978 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 88 Resp: 216113
Ion Ratio Lower Upper
88 100
58 75.0 60.1 90.1
43 27.0 21.5 32.3

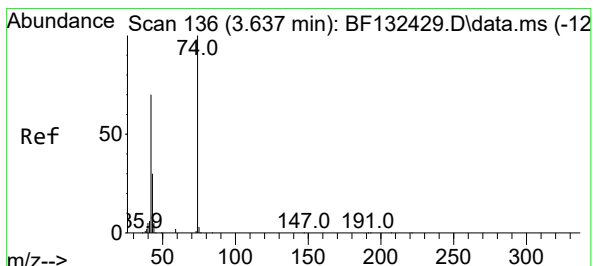
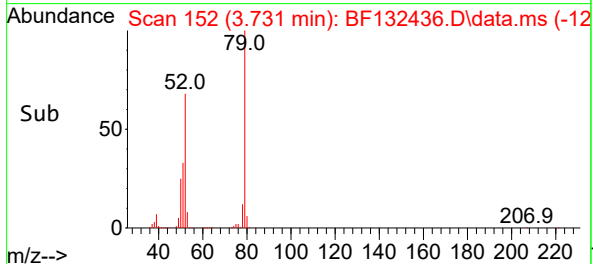
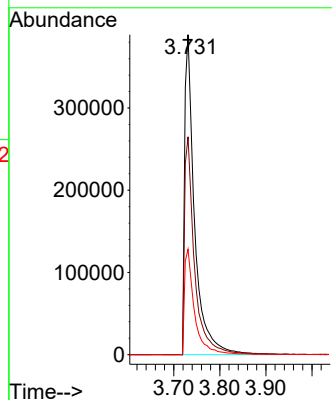
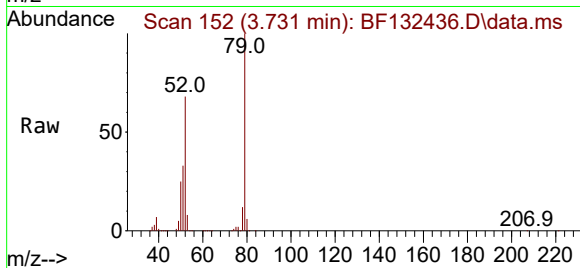




#3
Pyridine
Concen: 30.398 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

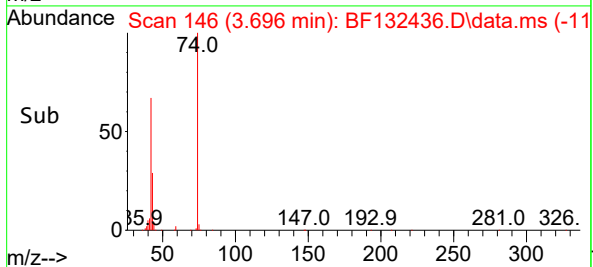
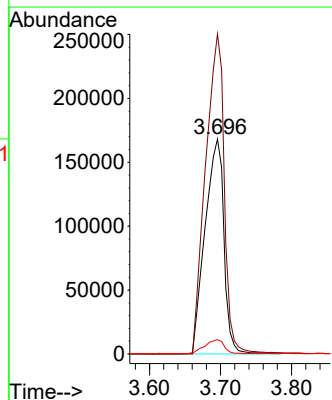
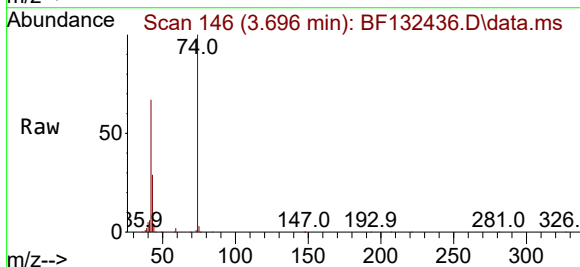
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ClientSampleId :
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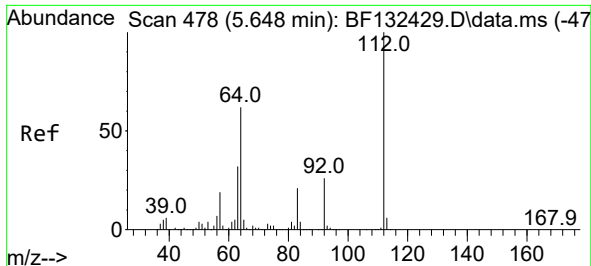
Tgt Ion: 79 Resp: 584116
Ion Ratio Lower Upper
79 100
52 68.1 55.0 82.6
51 32.9 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 40.966 ng
RT: 3.696 min Scan# 146
Delta R.T. 0.059 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 42 Resp: 310807
Ion Ratio Lower Upper
42 100
74 148.8 115.1 172.7
44 6.6 5.7 8.5

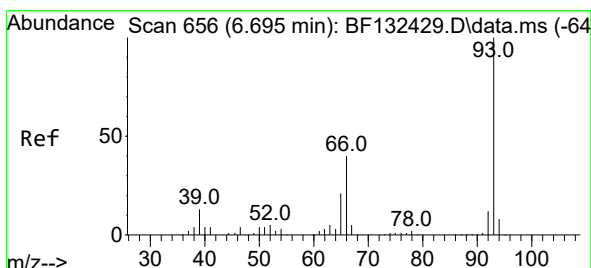
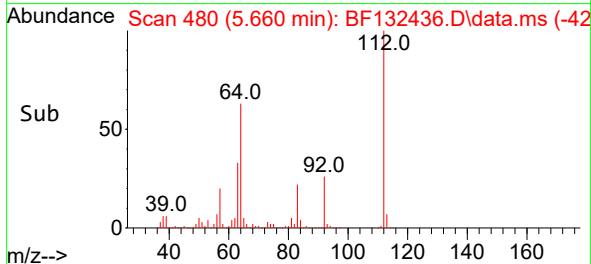
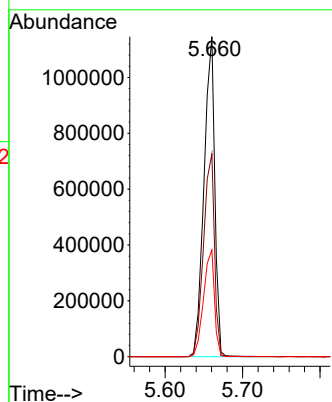
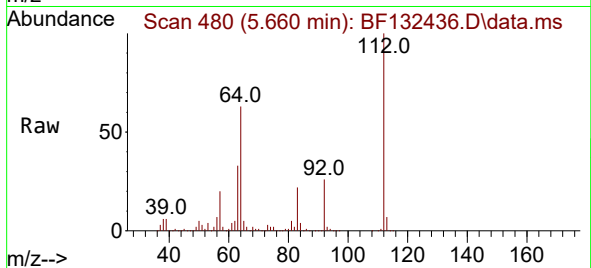




#5
2-Fluorophenol
Concen: 84.803 ng
RT: 5.660 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

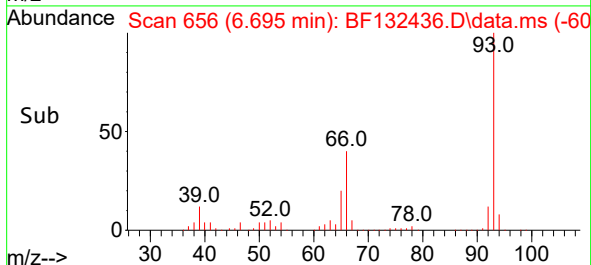
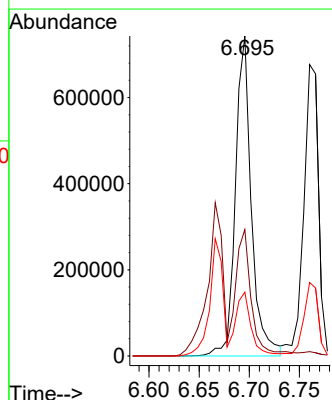
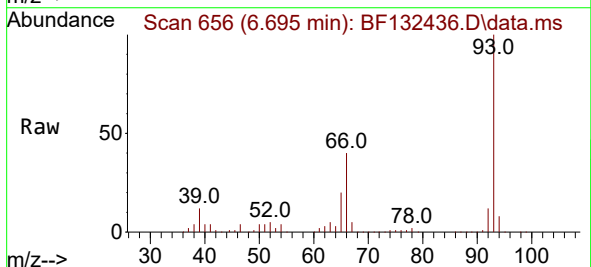
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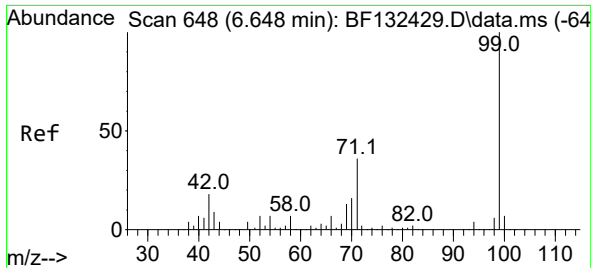
Tgt Ion:112 Resp: 1109730
Ion Ratio Lower Upper
112 100
64 63.3 49.7 74.5
63 33.4 25.8 38.8



#6
Aniline
Concen: 34.477 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 93 Resp: 820725
Ion Ratio Lower Upper
93 100
66 39.5 32.7 49.1
65 20.0 17.1 25.7





#7

Phenol-d6

Concen: 84.855 ng

RT: 6.654 min Scan# 648

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

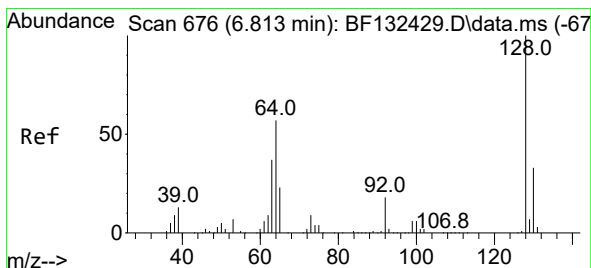
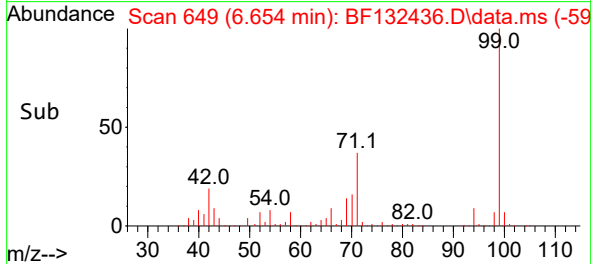
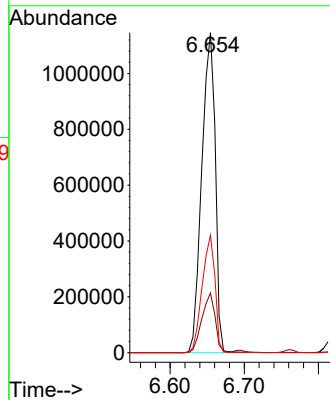
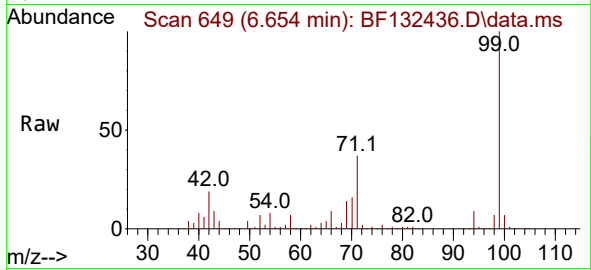
BNA_F

ClientSampleId :

PB150899BSD

Tgt Ion: 99 Resp: 1449942

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	21.8
71	36.7	28.7	43.1



#8

2-Chlorophenol

Concen: 45.371 ng

RT: 6.819 min Scan# 677

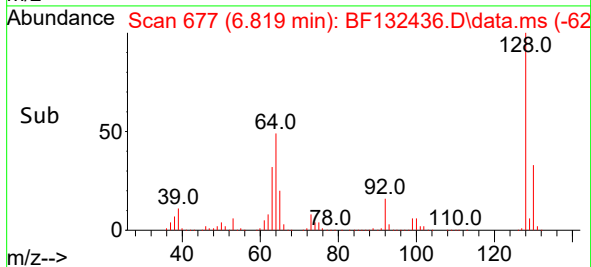
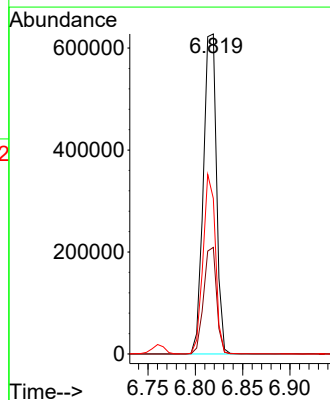
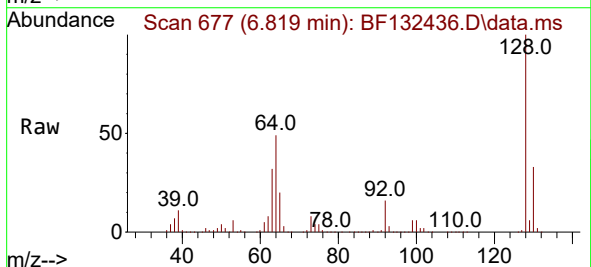
Delta R.T. 0.006 min

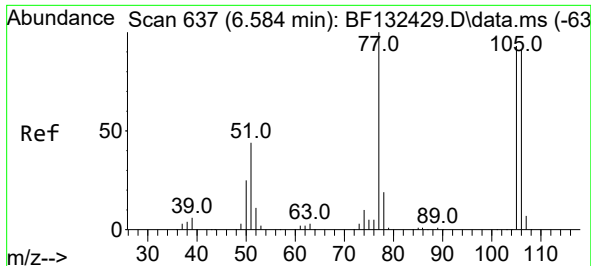
Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Tgt Ion: 128 Resp: 606130

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	48.6	37.9	77.9

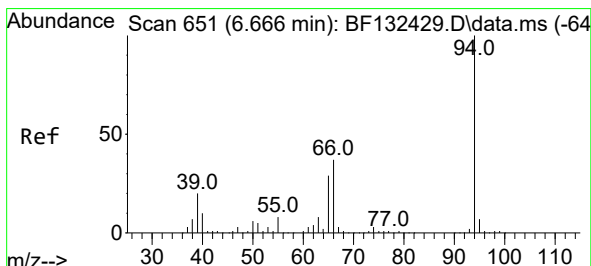
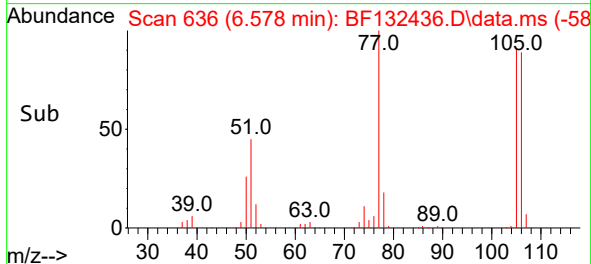
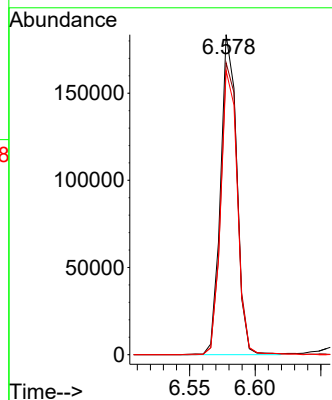
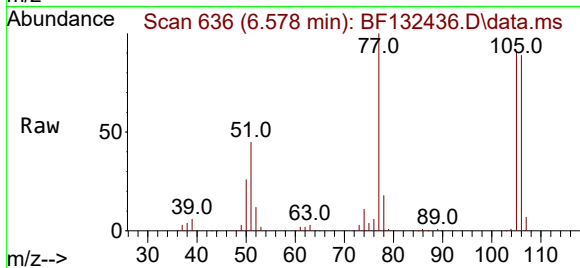




#9
Benzaldehyde
Concen: 17.231 ng
RT: 6.578 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

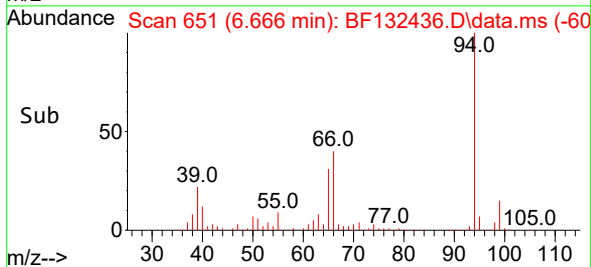
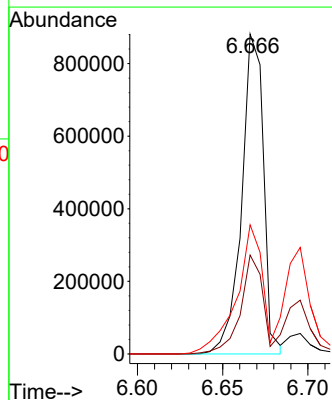
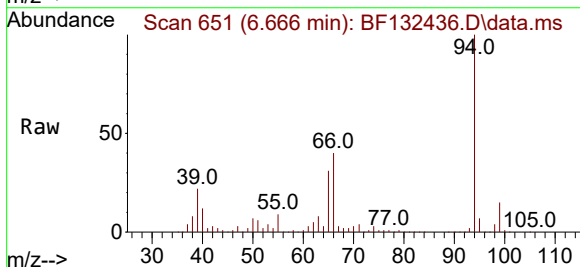
Instrument :
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ClientSampleId :
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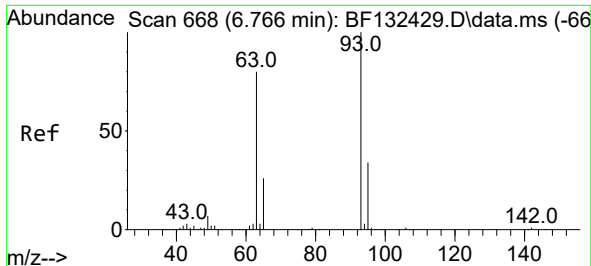
Tgt Ion: 77 Resp: 157423
Ion Ratio Lower Upper
77 100
105 91.2 73.2 113.2
106 88.7 71.5 111.5



#10
Phenol
Concen: 43.296 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 94 Resp: 784010
Ion Ratio Lower Upper
94 100
65 30.9 9.0 49.0
66 40.4 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 44.975 ng

RT: 6.760 min Scan# 6

Delta R.T. -0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

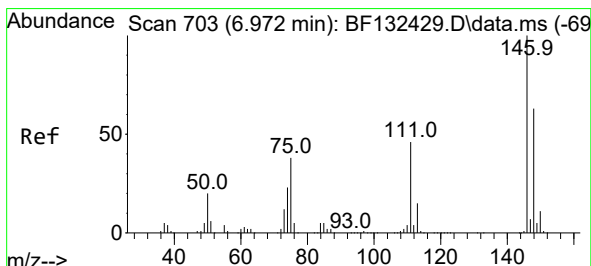
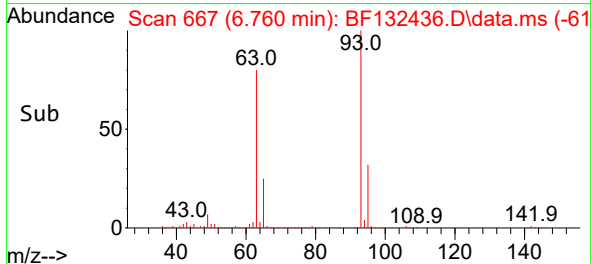
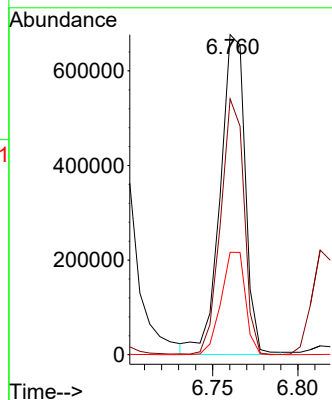
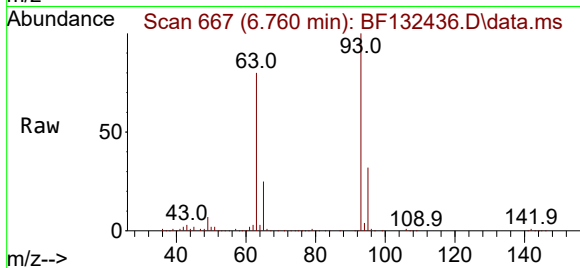
Tgt Ion: 93 Resp: 690814

Ion Ratio Lower Upper

93 100

63 79.9 58.6 98.6

95 32.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 41.605 ng

RT: 6.972 min Scan# 703

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

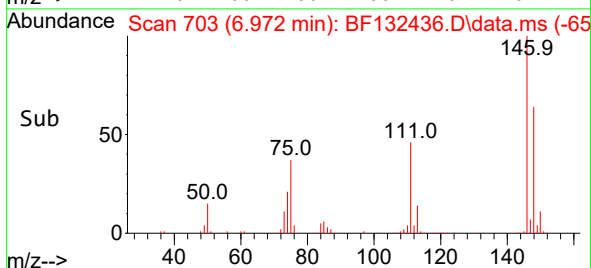
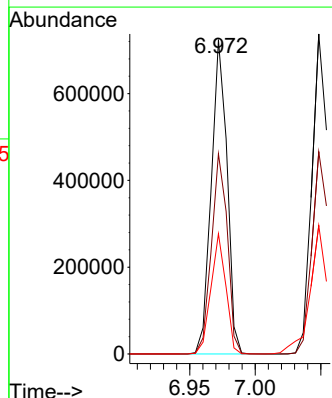
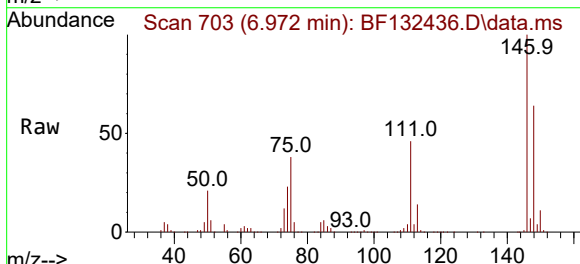
Tgt Ion:146 Resp: 605490

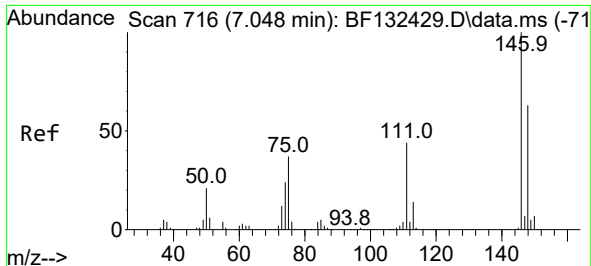
Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

75 38.3 30.3 45.5

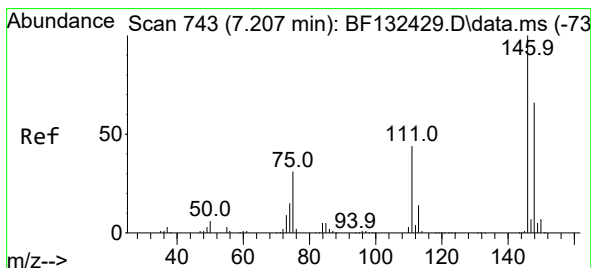
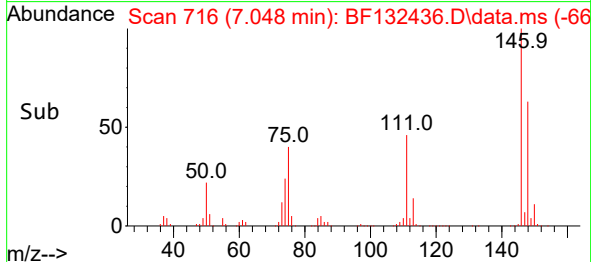
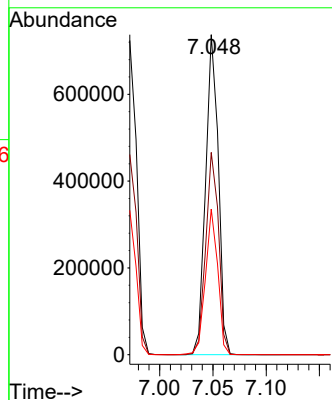
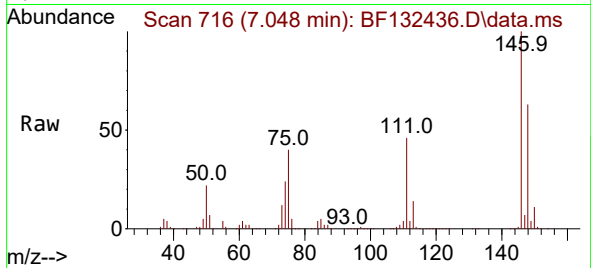




#13
1,4-Dichlorobenzene
Concen: 42.255 ng
RT: 7.048 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

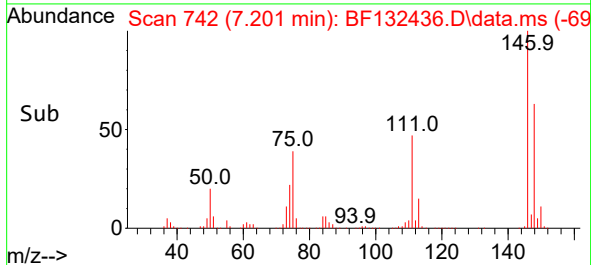
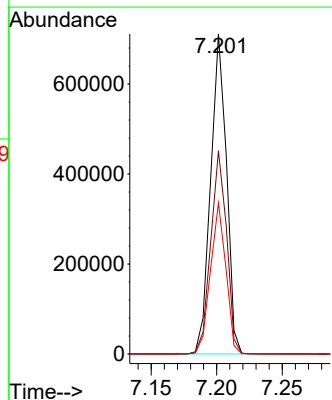
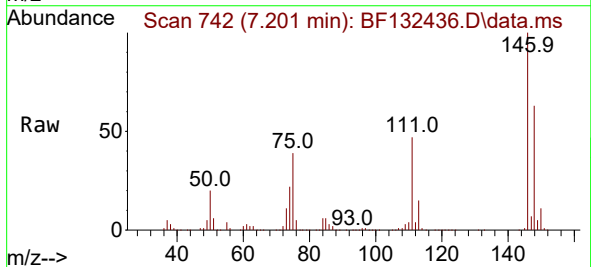
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

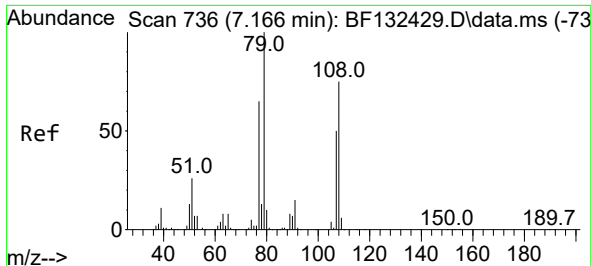
Tgt Ion:146 Resp: 613441
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
111 45.5 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 44.873 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:146 Resp: 596836
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
111 47.2 35.5 53.3





#15

Benzyl Alcohol

Concen: 46.008 ng

RT: 7.172 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

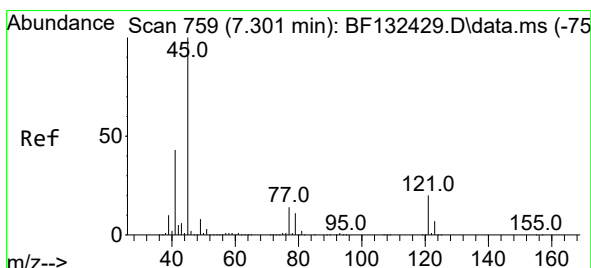
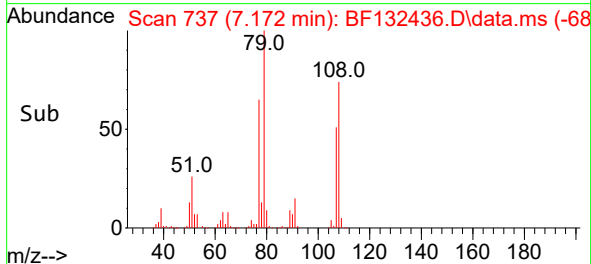
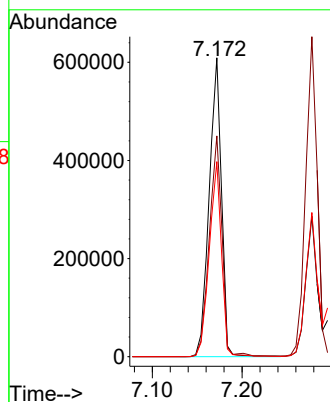
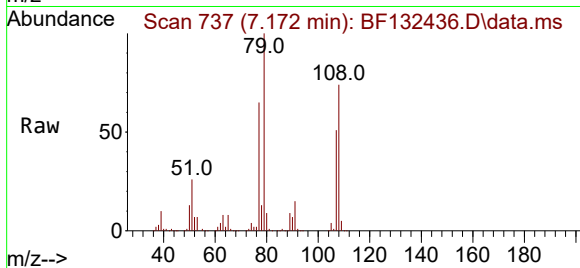
Tgt Ion: 79 Resp: 581508

Ion Ratio Lower Upper

79 100

108 73.9 59.8 89.6

77 65.3 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.495 ng

RT: 7.301 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

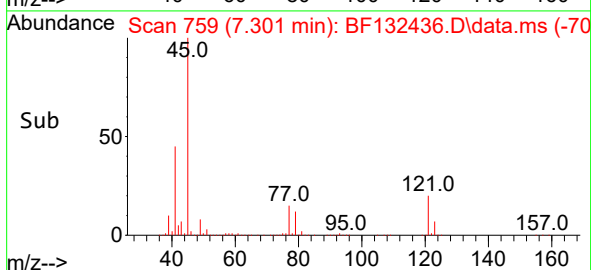
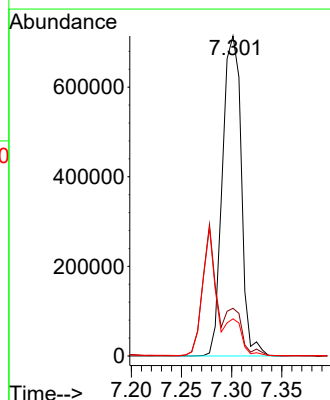
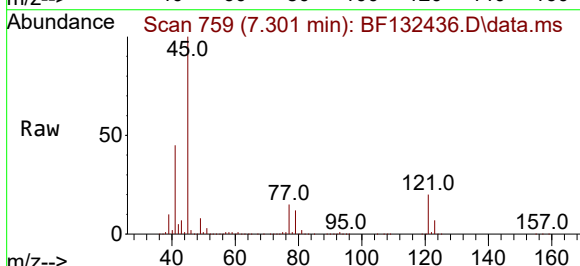
Tgt Ion: 45 Resp: 928910

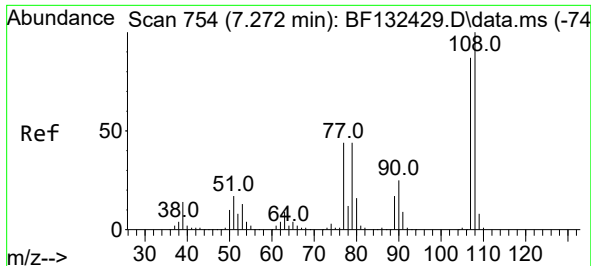
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.3

79 11.6 0.0 31.3

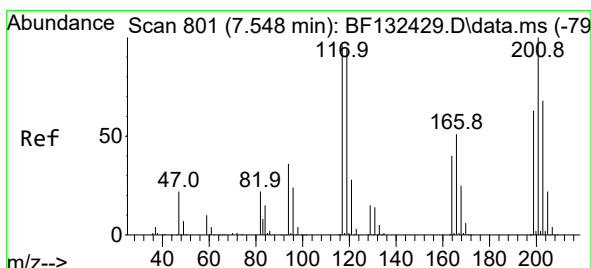
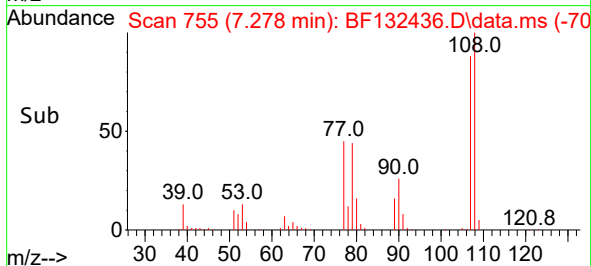
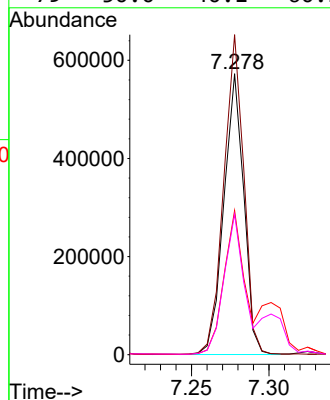
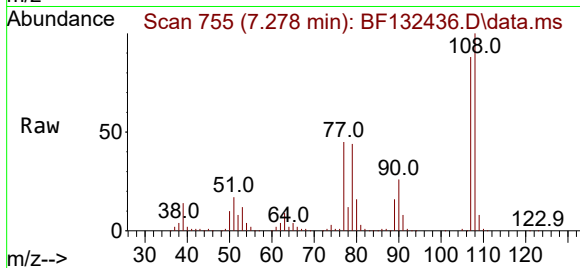




#17
2-Methylphenol
Concen: 40.386 ng
RT: 7.278 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

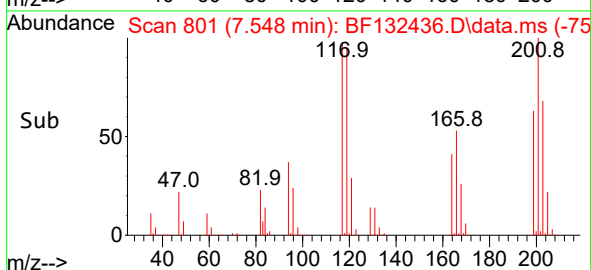
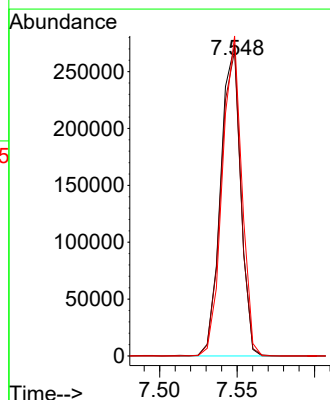
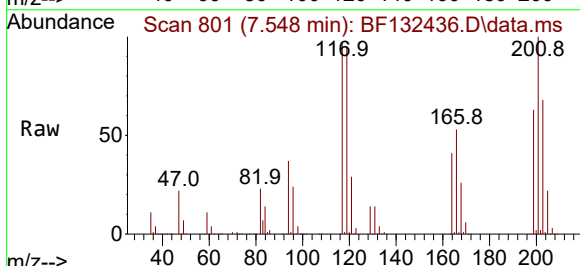
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

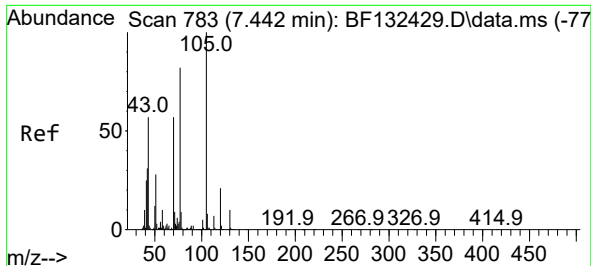
Tgt Ion:107 Resp: 513614
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 51.3 40.7 61.1
79 50.0 40.1 60.1



#18
Hexachloroethane
Concen: 44.774 ng
RT: 7.548 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:117 Resp: 245430
Ion Ratio Lower Upper
117 100
119 98.3 78.8 118.2
201 103.1 83.5 125.3

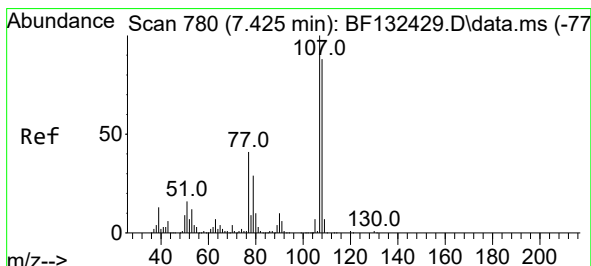
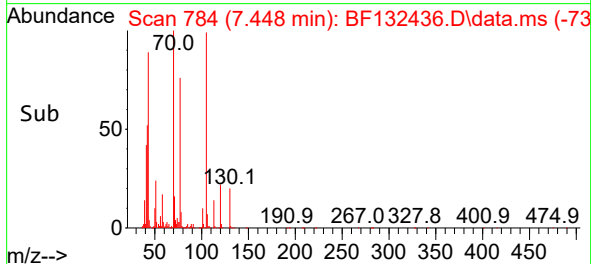
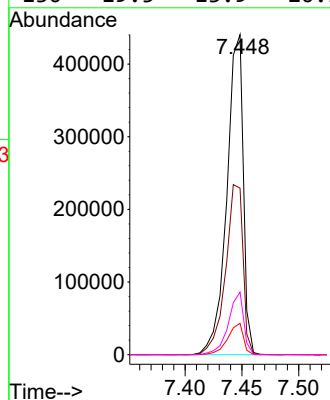
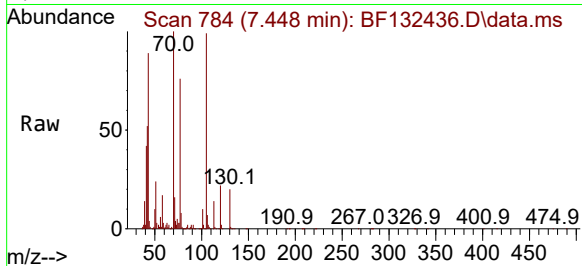




#19
n-Nitroso-di-n-propylamine
Concen: 42.411 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

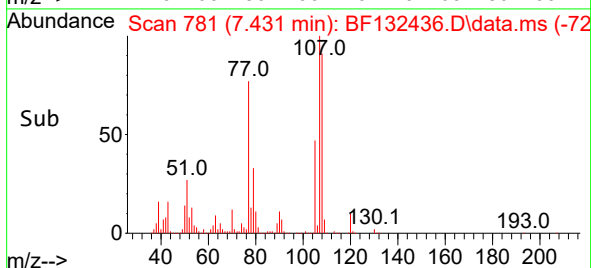
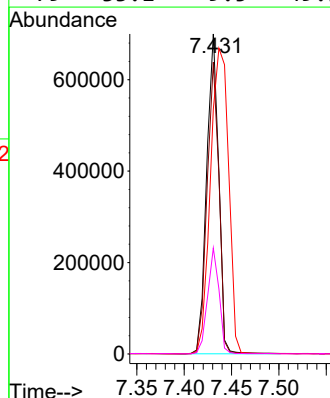
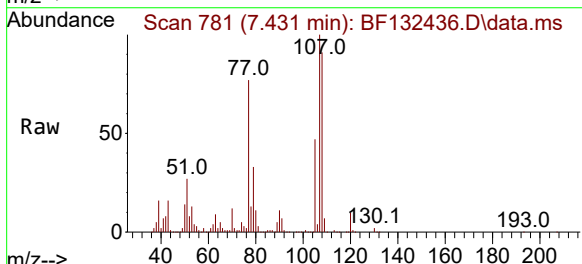
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

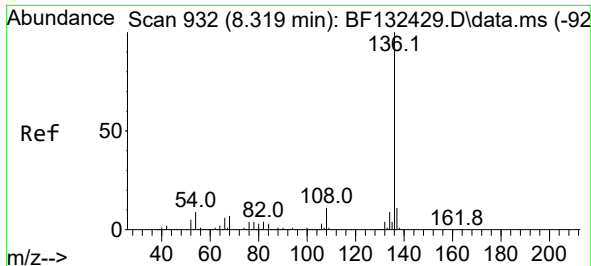
Tgt Ion: 70 Resp: 444267
Ion Ratio Lower Upper
70 100
42 52.0 43.5 65.3
101 9.8 7.3 10.9
130 19.5 13.9 20.9



#20
3+4-Methylphenols
Concen: 39.139 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 107 Resp: 614555
Ion Ratio Lower Upper
107 100
108 91.2 68.1 108.1
77 76.5 21.3 61.3#
79 33.1 9.5 49.5



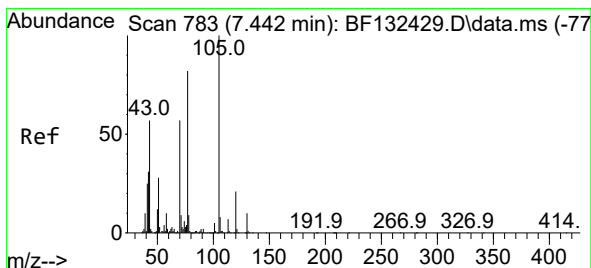
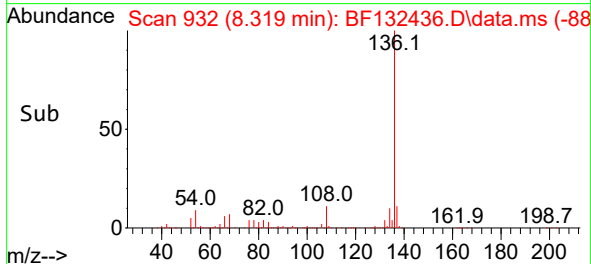
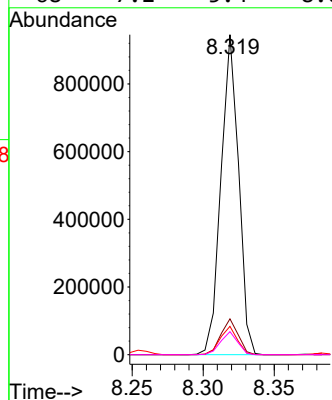
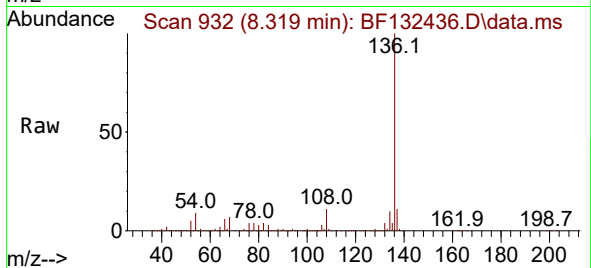


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Instrument :
BNA_F
ClientSampleId :
PB150899BSD

Tgt Ion:136 Resp: 815054

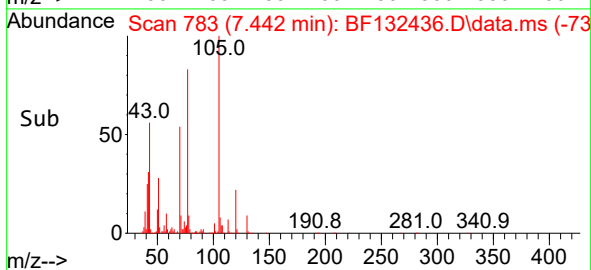
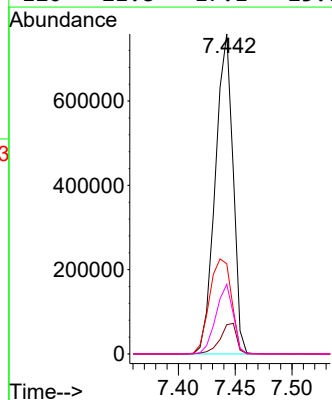
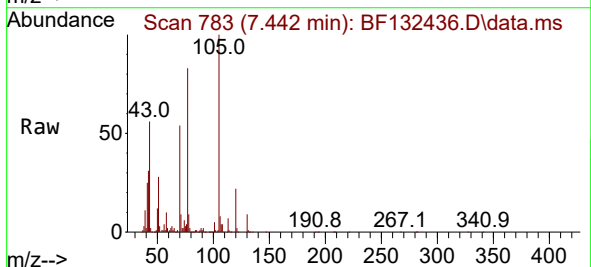
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	6.9	10.3
68	7.2	5.4	8.0

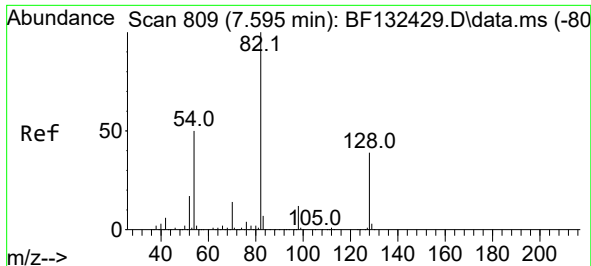


#22
Acetophenone
Concen: 38.981 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:105 Resp: 823429

Ion	Ratio	Lower	Upper
105	100		
71	9.1	7.3	10.9
51	28.2	22.2	33.2
120	21.8	17.1	25.7





#23

Nitrobenzene-d5

Concen: 80.624 ng

RT: 7.601 min Scan# 810

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

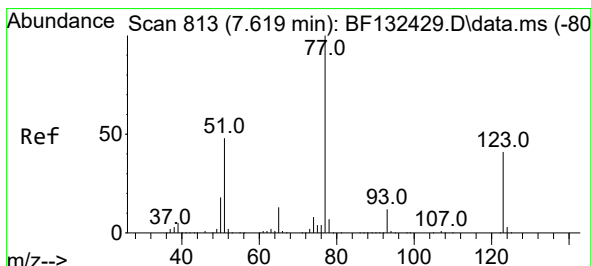
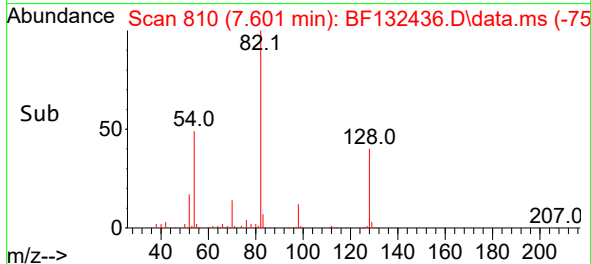
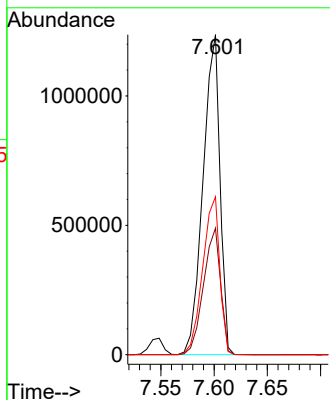
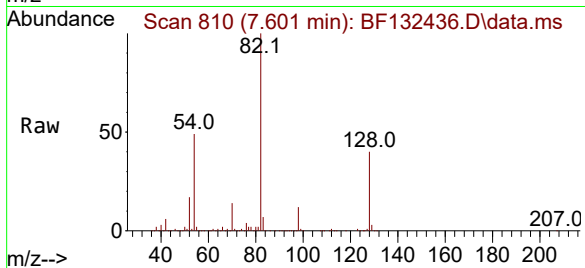
Tgt Ion: 82 Resp: 1367607

Ion Ratio Lower Upper

82 100

128 39.6 30.8 46.2

54 49.4 40.2 60.4



#24

Nitrobenzene

Concen: 39.136 ng

RT: 7.619 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

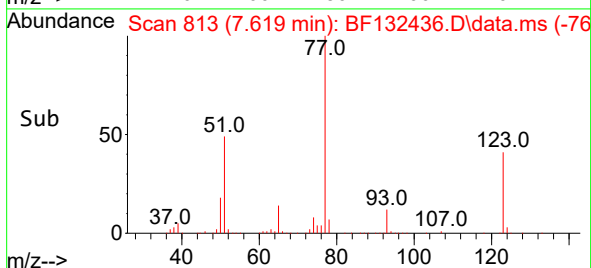
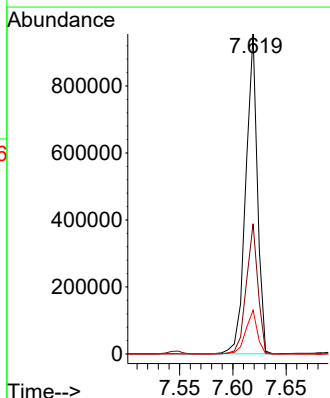
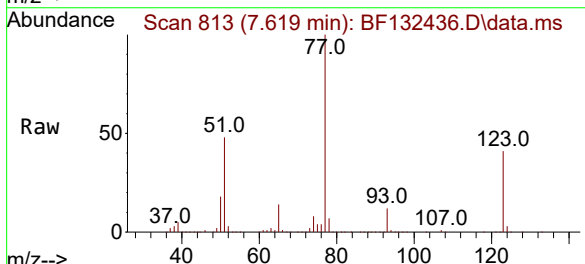
Tgt Ion: 77 Resp: 727836

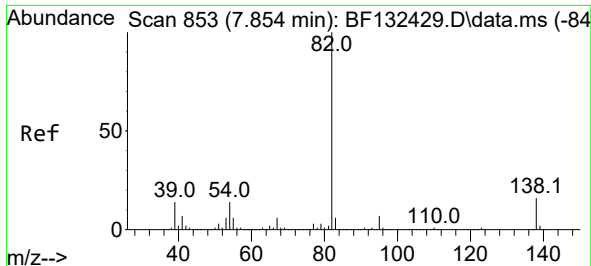
Ion Ratio Lower Upper

77 100

123 40.7 33.2 49.8

65 13.7 10.4 15.6

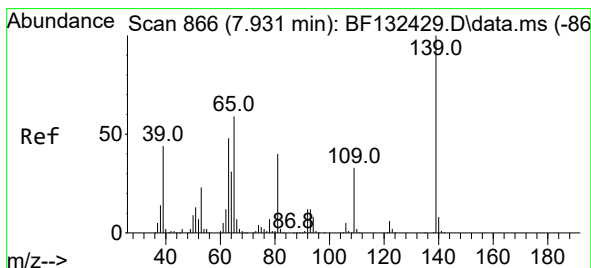
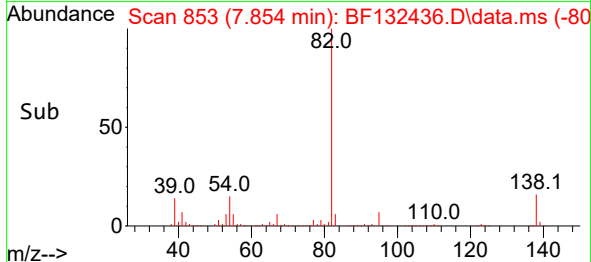
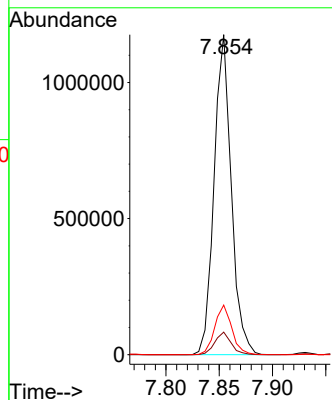
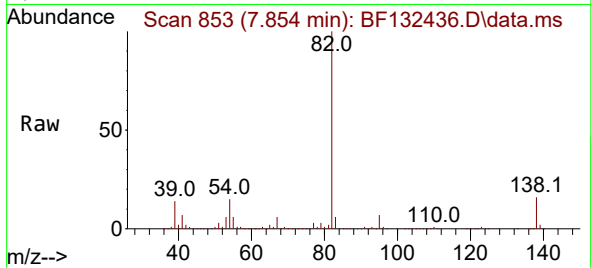




#25
Isophorone
Concen: 39.513 ng
RT: 7.854 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

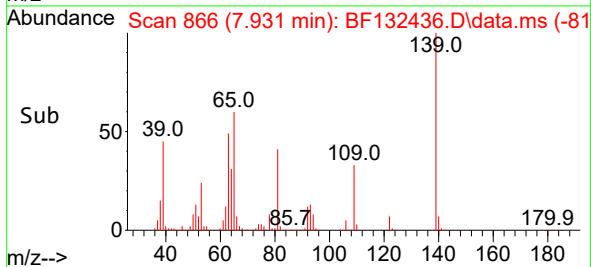
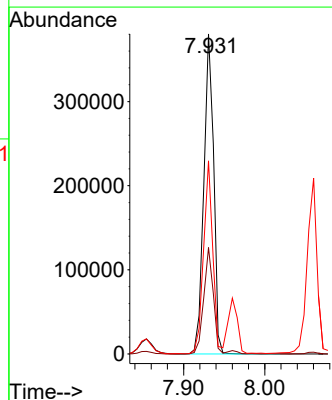
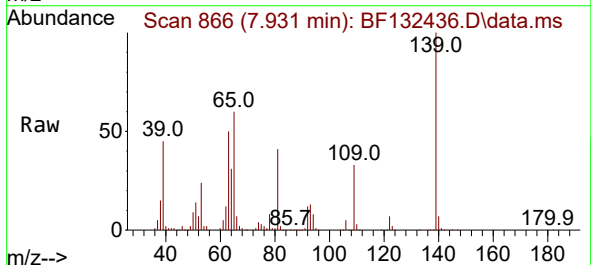
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

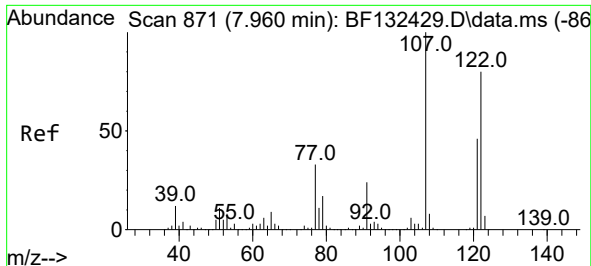
Tgt Ion: 82 Resp: 1317044
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.5 12.7 19.1



#26
2-Nitrophenol
Concen: 44.160 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:139 Resp: 319259
Ion Ratio Lower Upper
139 100
109 33.2 26.3 39.5
65 60.4 47.4 71.0

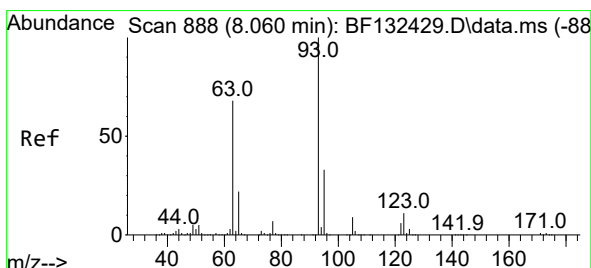
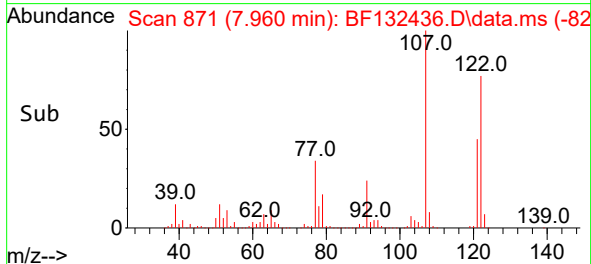
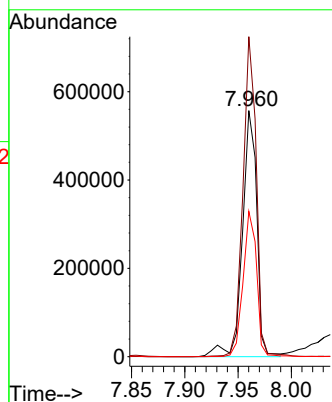
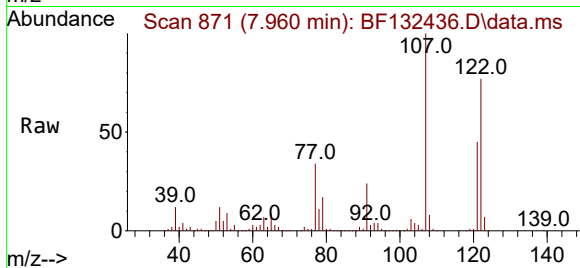




#27
2,4-Dimethylphenol
Concen: 39.970 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

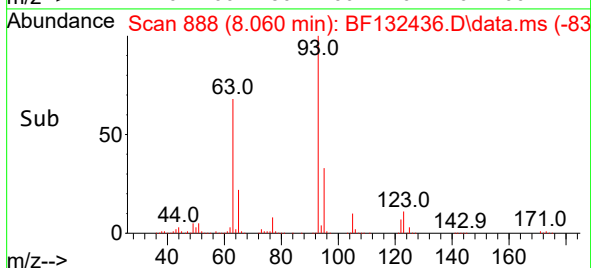
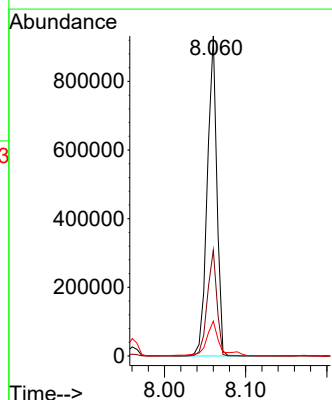
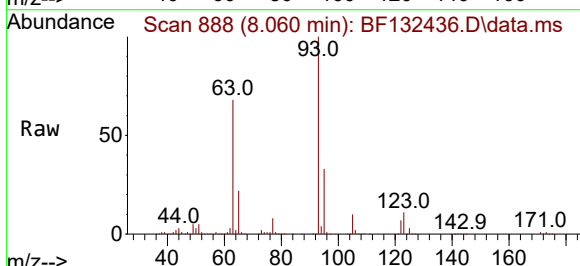
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

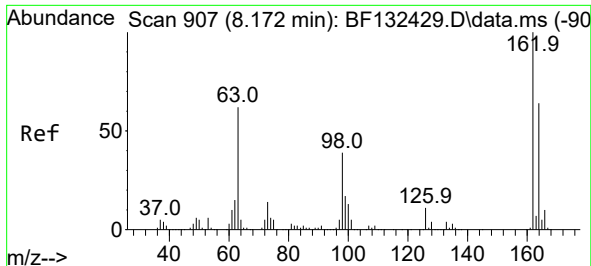
Tgt Ion:122 Resp: 521740
Ion Ratio Lower Upper
122 100
107 130.0 99.9 149.9
121 59.1 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.064 ng
RT: 8.060 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 93 Resp: 760913
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.263 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132436.D

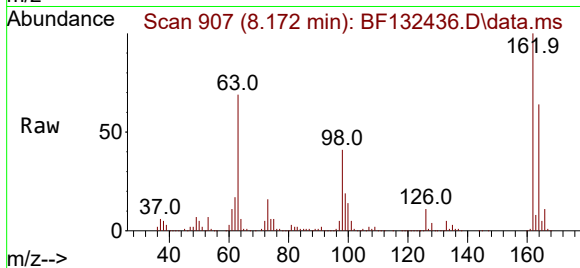
Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD



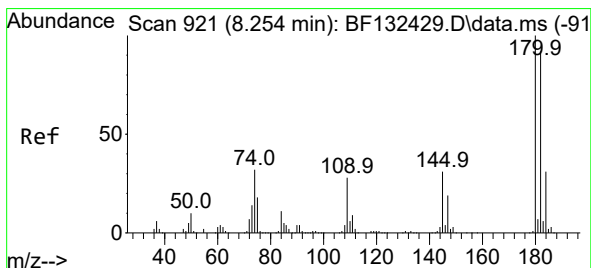
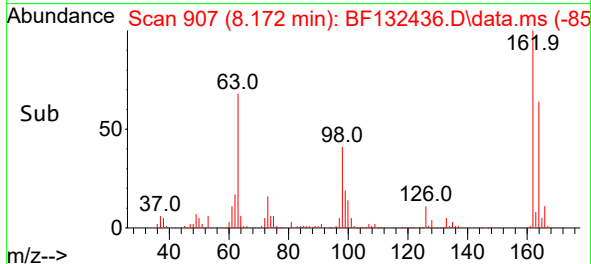
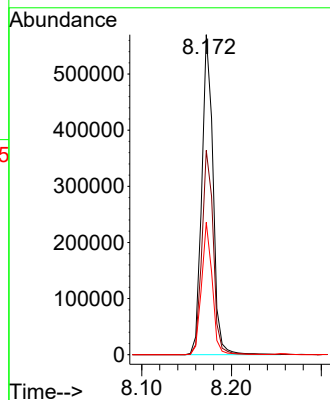
Tgt Ion:162 Resp: 495821

Ion Ratio Lower Upper

162 100

164 63.9 44.0 84.0

98 41.4 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 39.531 ng

RT: 8.254 min Scan# 921

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

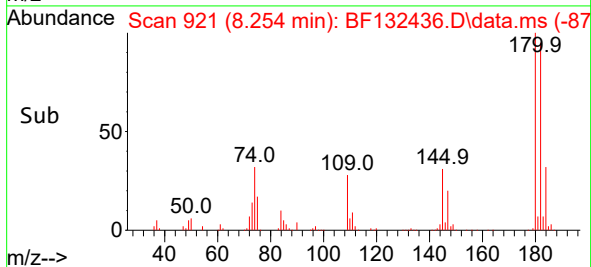
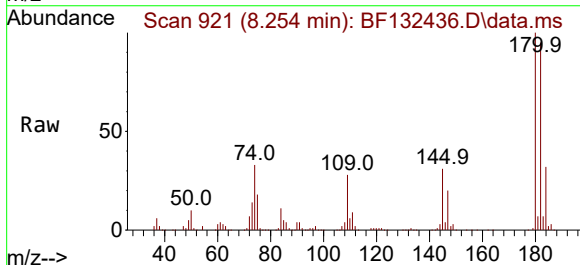
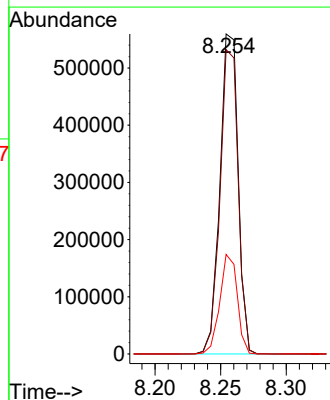
Tgt Ion:180 Resp: 541402

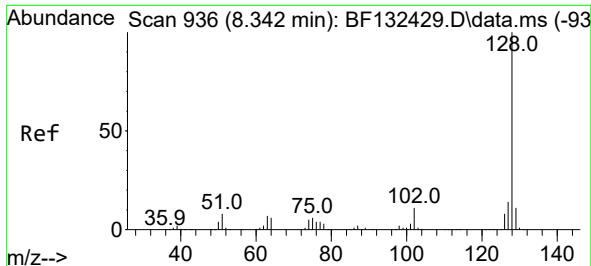
Ion Ratio Lower Upper

180 100

182 95.1 73.8 110.8

145 31.1 24.4 36.6





#31

Naphthalene

Concen: 37.763 ng

RT: 8.342 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

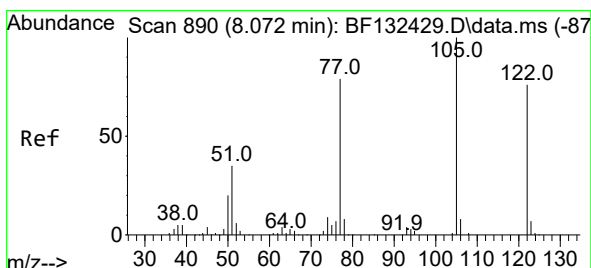
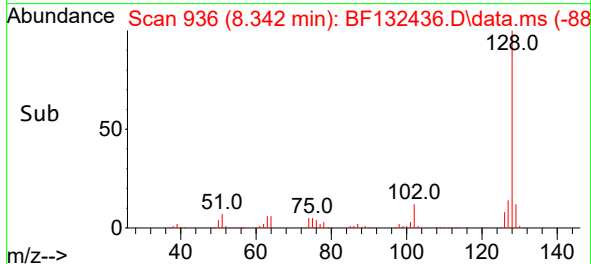
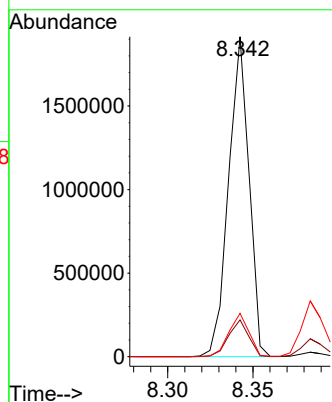
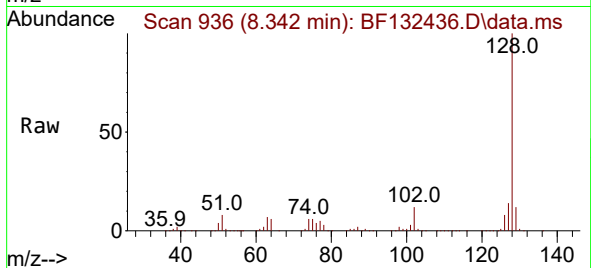
Tgt Ion:128 Resp: 1597317

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 43.882 ng

RT: 8.089 min Scan# 893

Delta R.T. 0.018 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

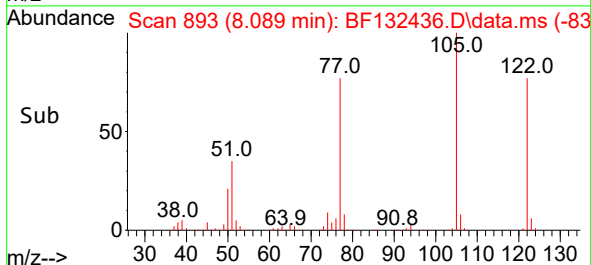
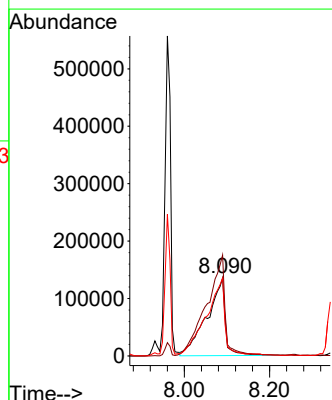
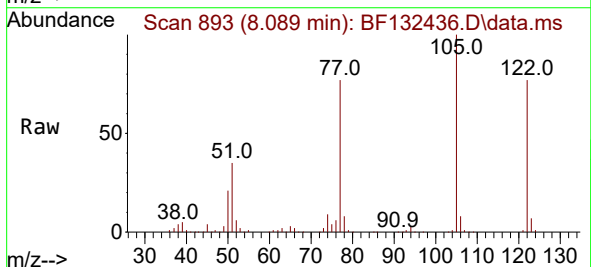
Tgt Ion:122 Resp: 406850

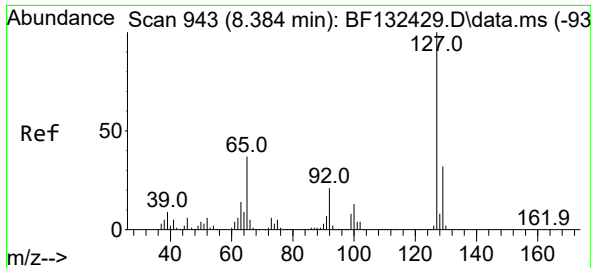
Ion Ratio Lower Upper

122 100

105 129.5 109.7 149.7

77 100.0 83.8 123.8

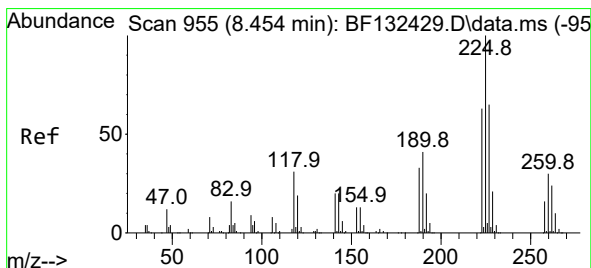
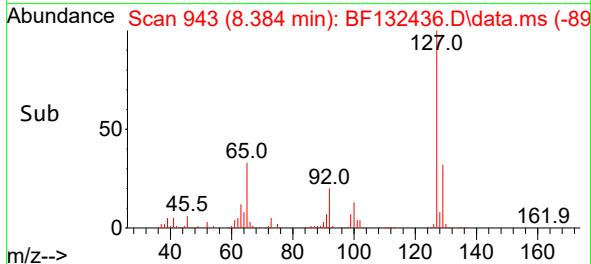
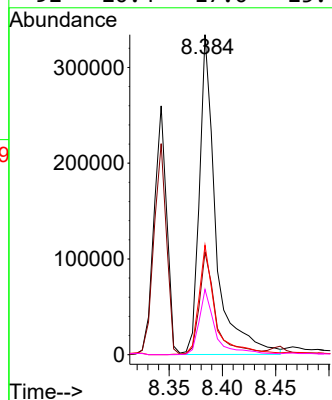
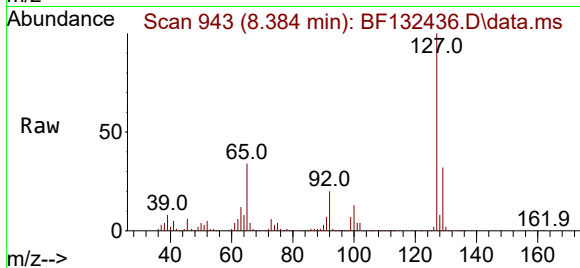




#33
4-Chloroaniline
Concen: 20.556 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

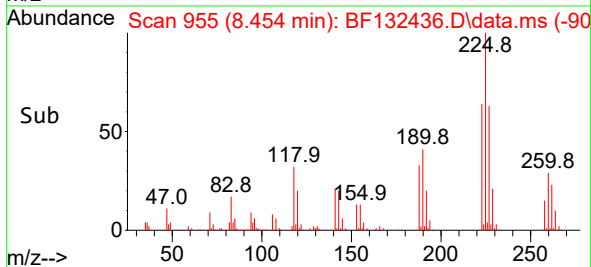
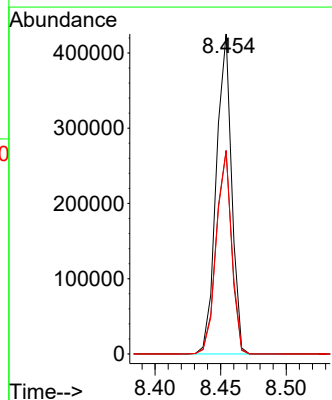
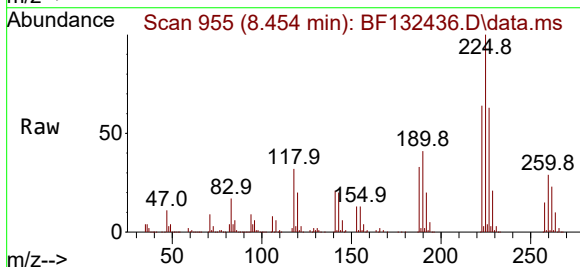
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

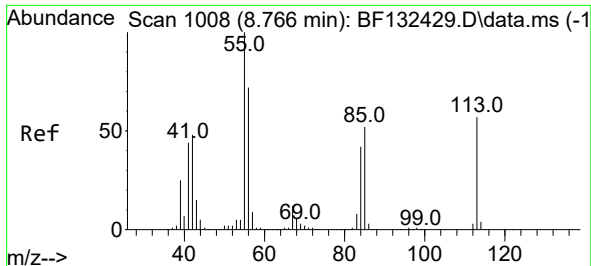
Tgt Ion:	127	Resp:	361235
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	34.2	29.8	44.6
92	20.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 39.881 ng
RT: 8.454 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:	225	Resp:	344827
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.6	76.0
227	63.4	52.2	78.4

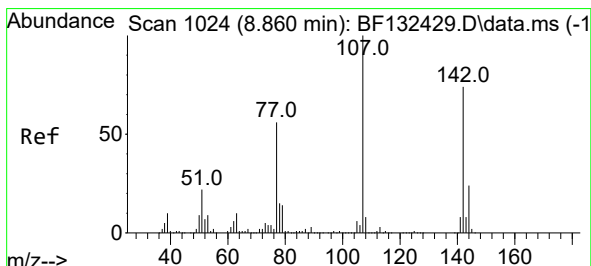
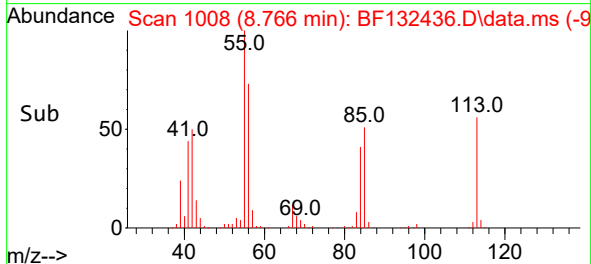
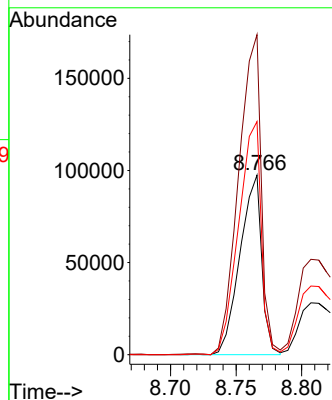
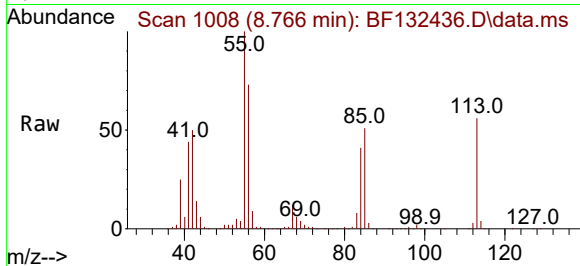




#35
 Caprolactam
 Concen: 28.069 ng
 RT: 8.766 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

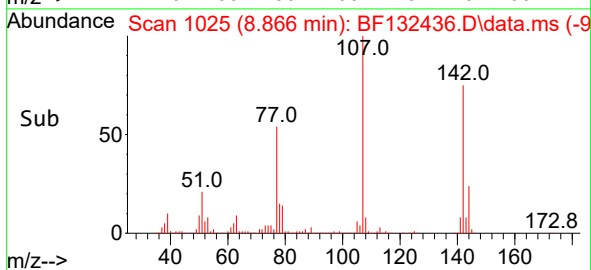
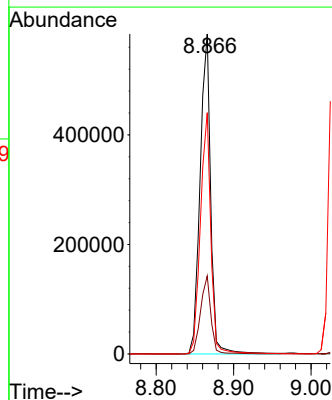
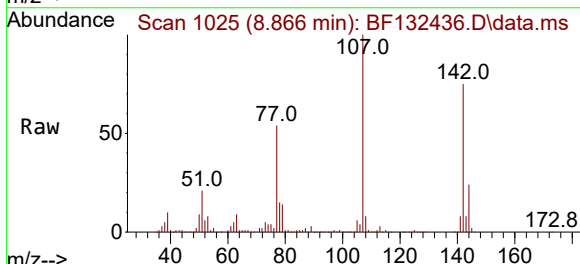
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BSD

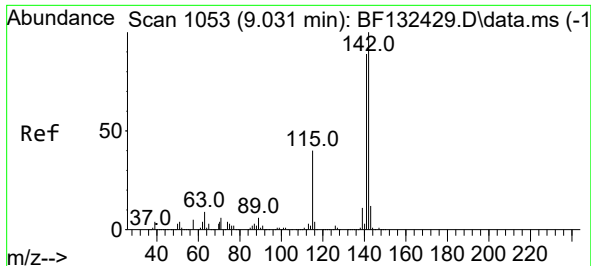
Tgt Ion:113 Resp: 112216
 Ion Ratio Lower Upper
 113 100
 55 178.2 155.8 195.8
 56 129.8 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.202 ng
 RT: 8.866 min Scan# 1025
 Delta R.T. 0.006 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

Tgt Ion:107 Resp: 553949
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.8 28.2
 142 75.4 58.8 88.2

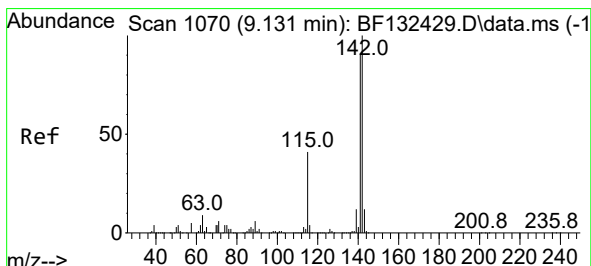
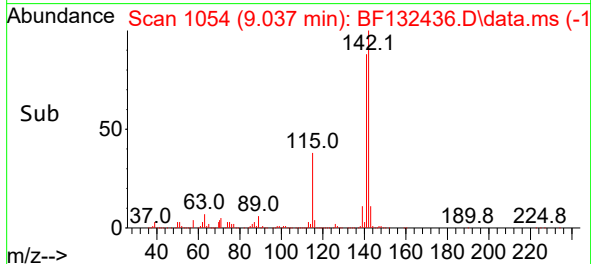
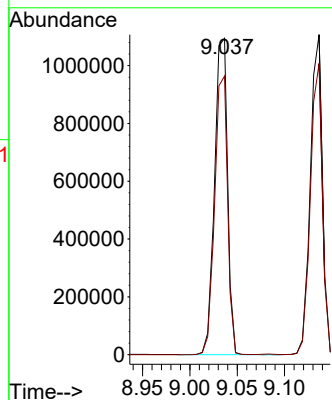
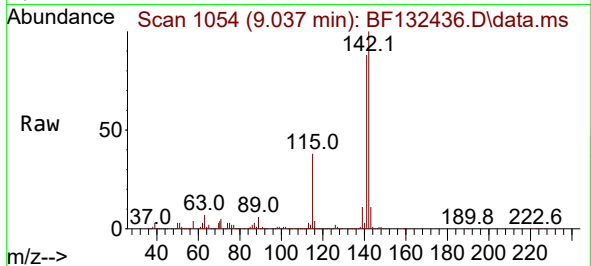




#37
2-Methylnaphthalene
Concen: 36.661 ng
RT: 9.037 min Scan# 1053
Delta R.T. 0.005 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

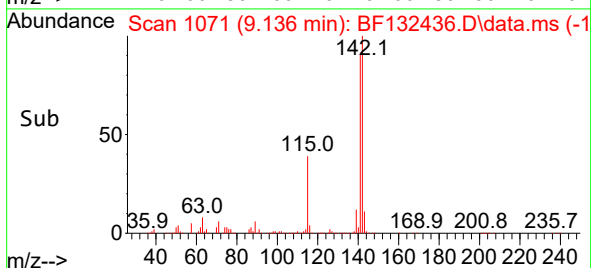
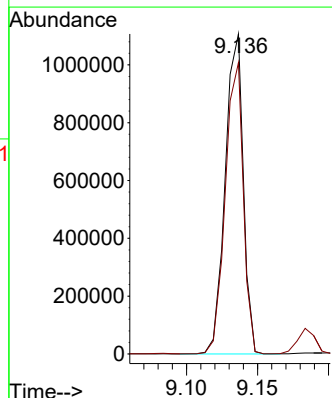
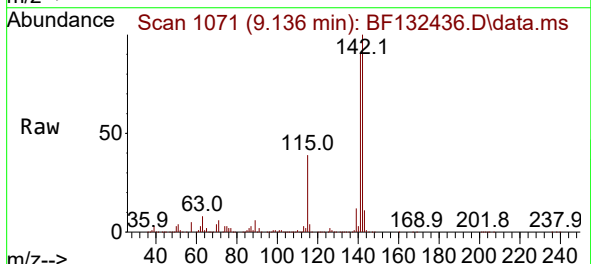
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

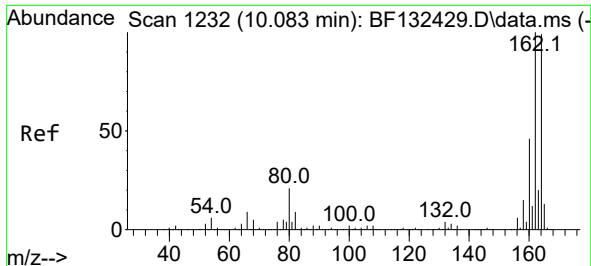
Tgt Ion:142 Resp: 1043624
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 36.575 ng
RT: 9.136 min Scan# 1071
Delta R.T. 0.005 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:142 Resp: 978169
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1

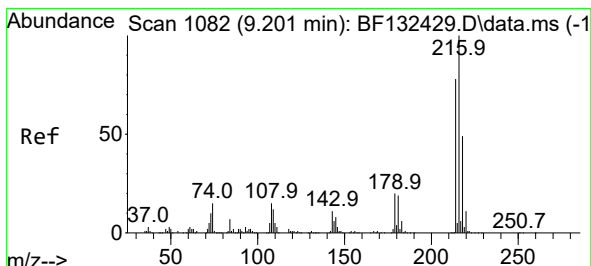
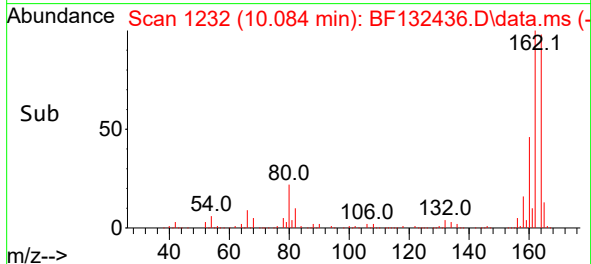
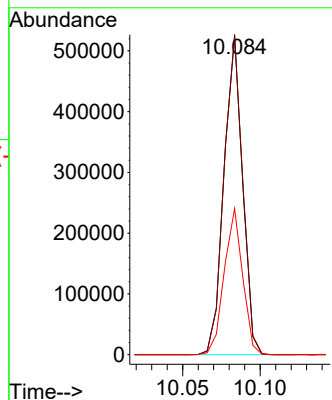
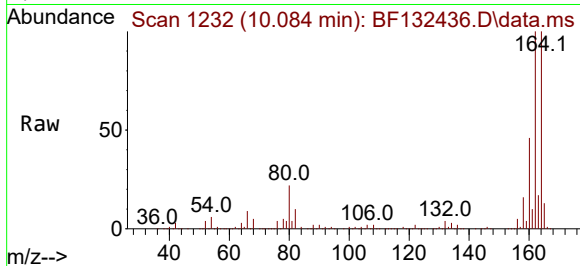




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.084 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

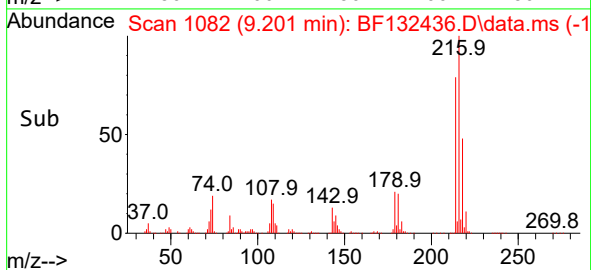
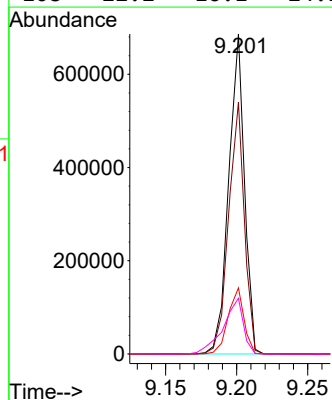
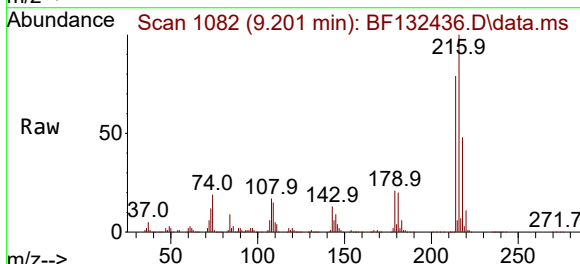
Instrument :
BNA_F
ClientSampleId :
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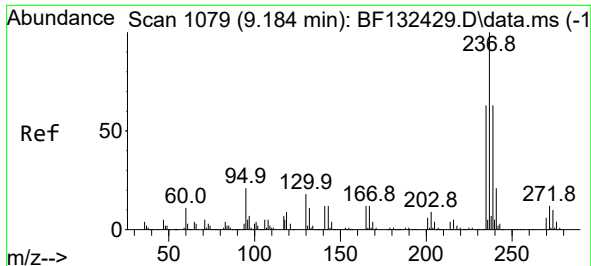
Tgt Ion:164 Resp: 437772
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 45.7 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.391 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:216 Resp: 530396
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 20.8 16.4 24.6
108 22.2 16.1 24.1

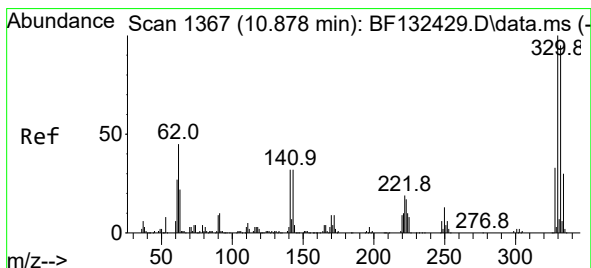
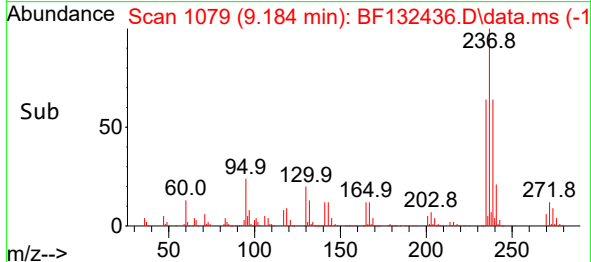
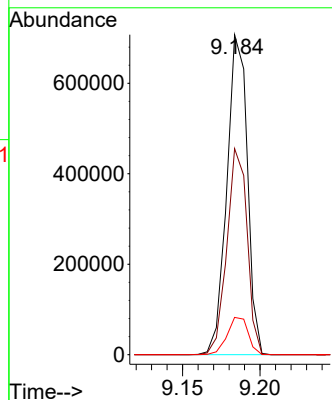
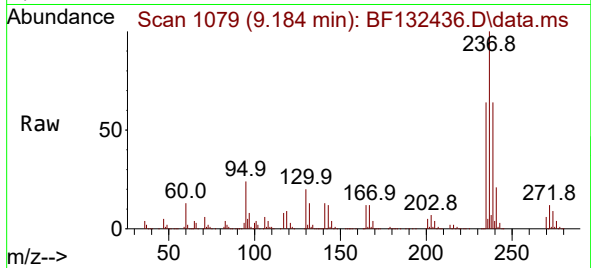




#41
Hexachlorocyclopentadiene
Concen: 83.582 ng
RT: 9.184 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

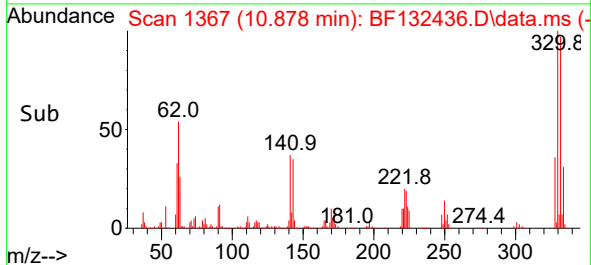
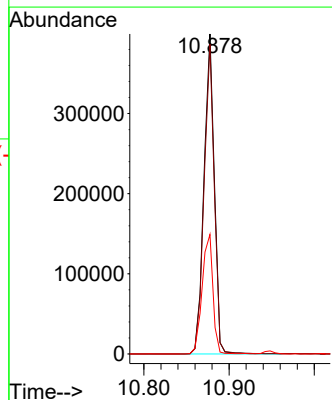
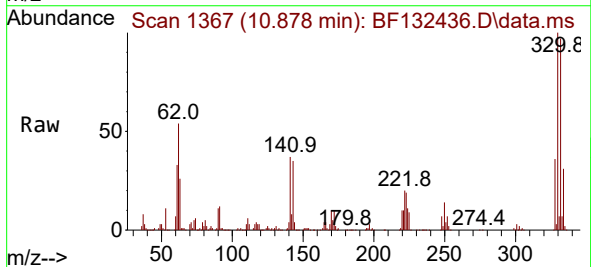
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

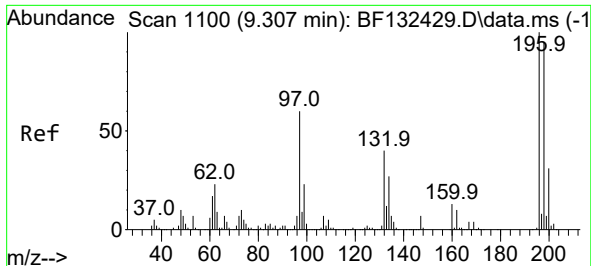
Tgt Ion:237 Resp: 651197
Ion Ratio Lower Upper
237 100
235 64.4 43.1 83.1
272 11.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 76.985 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:330 Resp: 336256
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 39.1 30.3 45.5

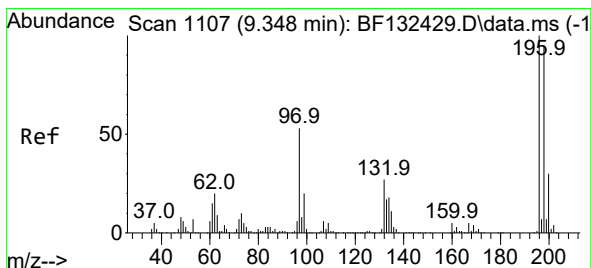
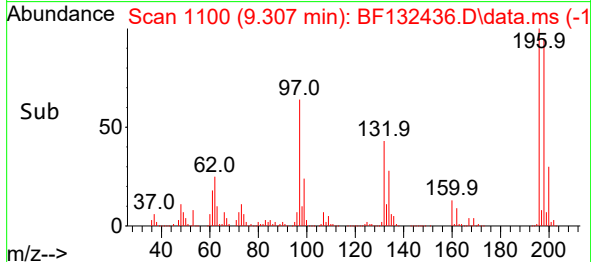
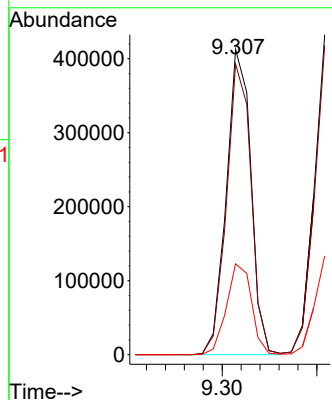
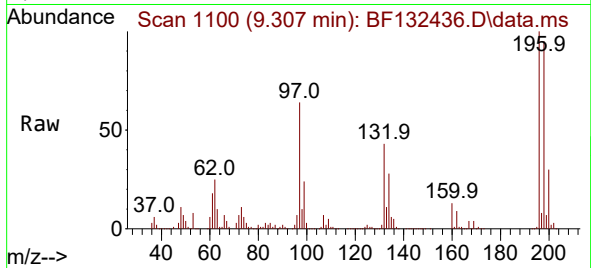




#43
2,4,6-Trichlorophenol
Concen: 39.836 ng
RT: 9.307 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

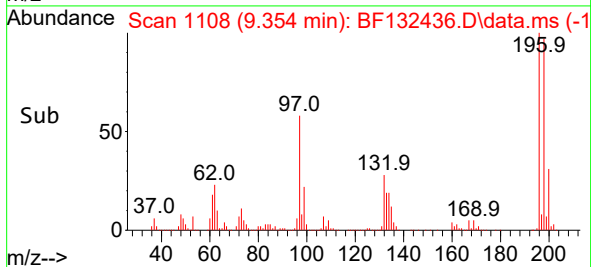
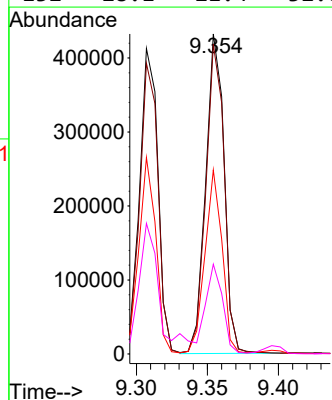
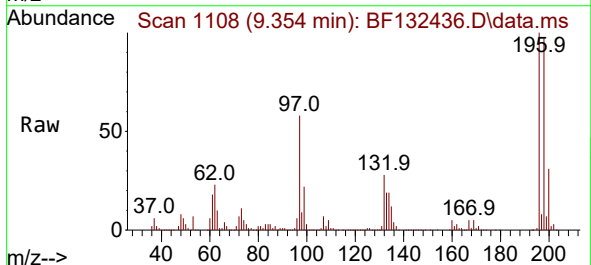
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

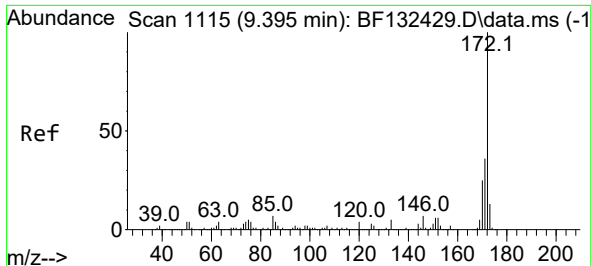
Tgt Ion:196 Resp: 372246
Ion Ratio Lower Upper
196 100
198 95.2 76.3 114.5
200 29.7 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 35.796 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:196 Resp: 389597
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.4
97 57.5 42.4 63.6
132 28.1 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 70.041 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

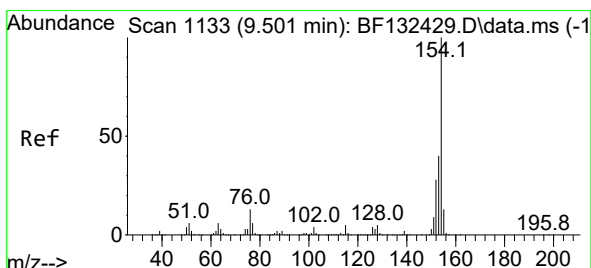
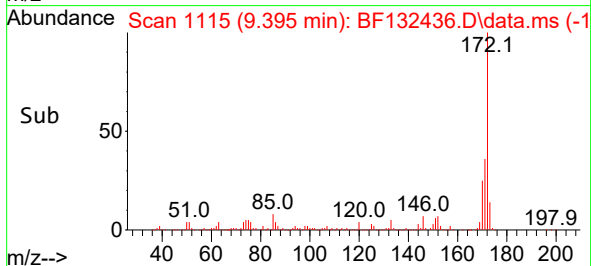
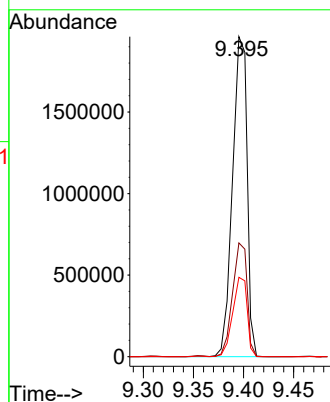
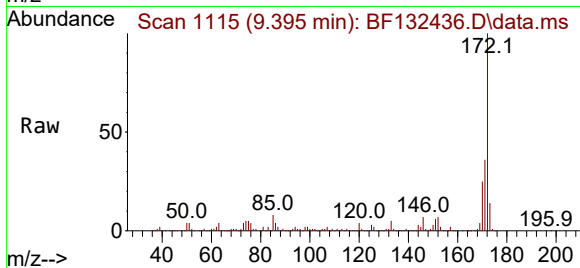
Tgt Ion:172 Resp: 1985484

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 24.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 36.794 ng

RT: 9.501 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

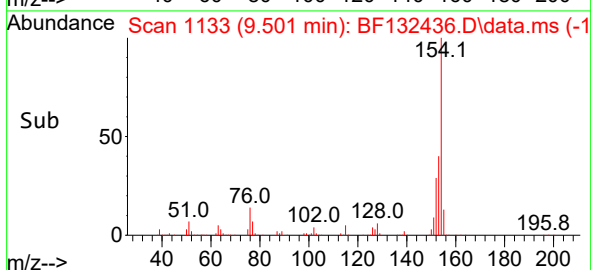
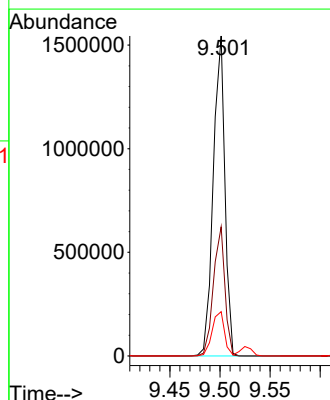
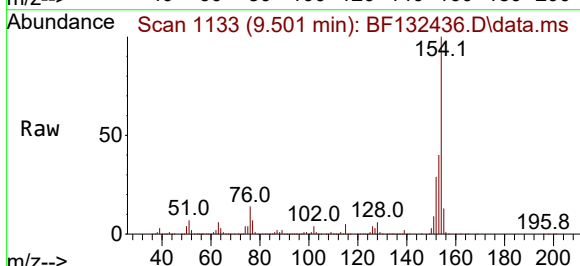
Tgt Ion:154 Resp: 1246690

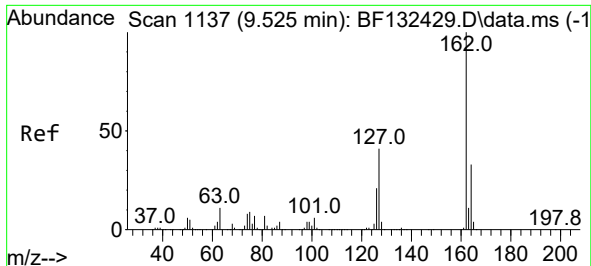
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 13.8 0.0 33.3

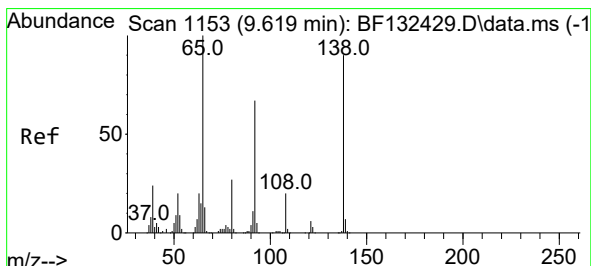
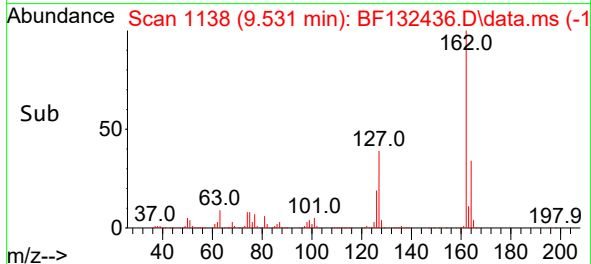
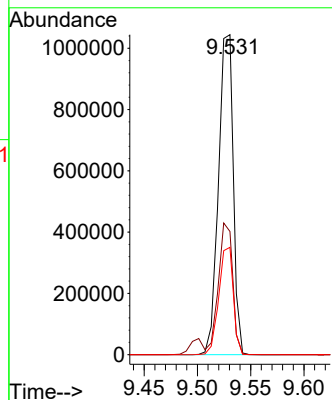
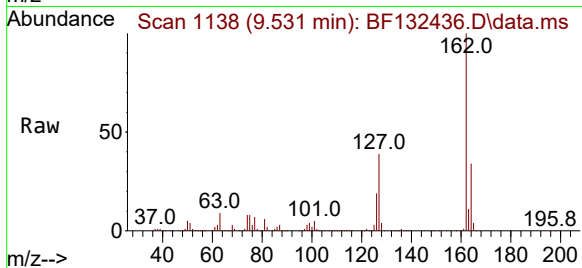




#47
2-Chloronaphthalene
Concen: 37.942 ng
RT: 9.531 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

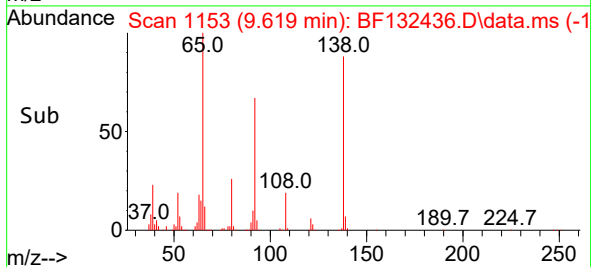
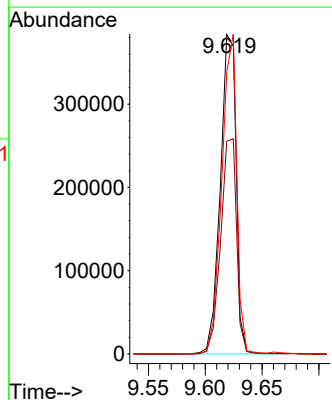
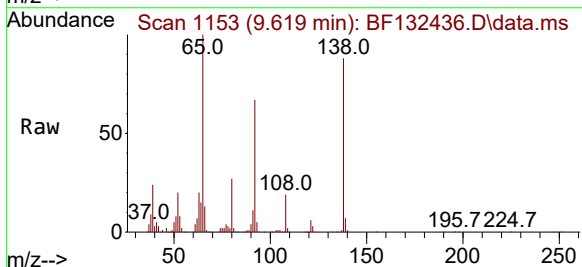
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

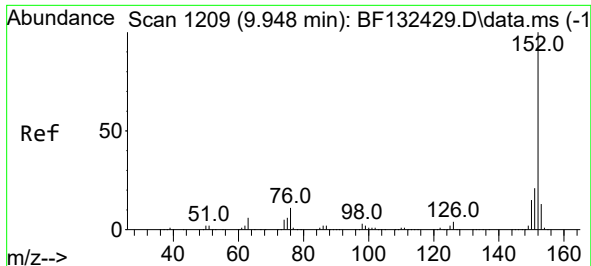
Tgt Ion:162 Resp: 1009042
Ion Ratio Lower Upper
162 100
127 38.5 33.0 49.4
164 33.5 26.6 39.8



#48
2-Nitroaniline
Concen: 39.983 ng
RT: 9.619 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion: 65 Resp: 373080
Ion Ratio Lower Upper
65 100
92 66.6 53.5 80.3
138 88.3 72.2 108.4





#49

Acenaphthylene

Concen: 36.133 ng

RT: 9.948 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

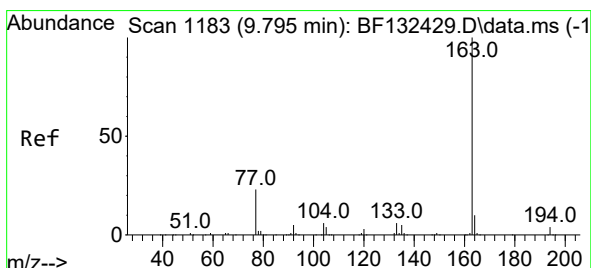
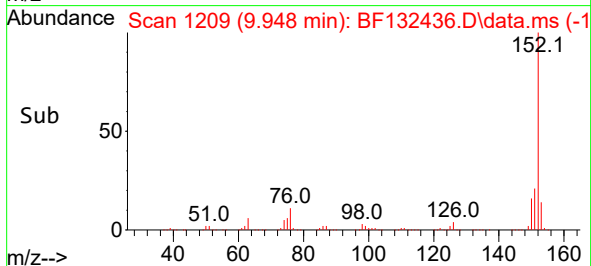
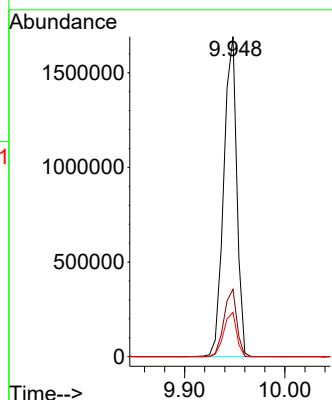
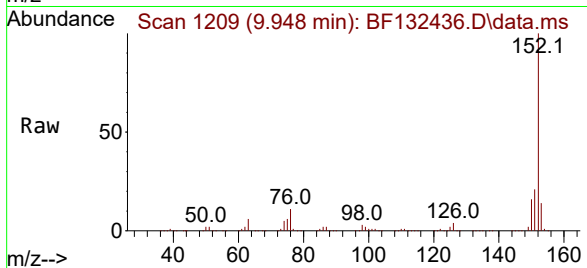
Tgt Ion:152 Resp: 1526762

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

153 13.8 10.7 16.1



#50

Dimethylphthalate

Concen: 36.726 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

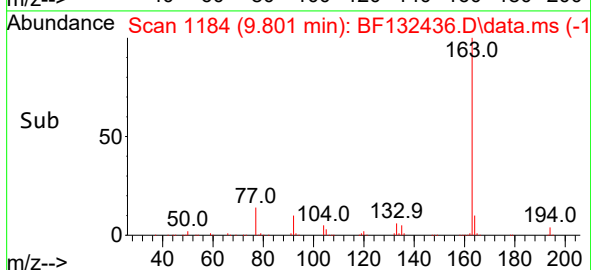
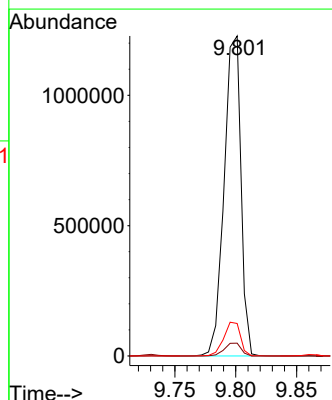
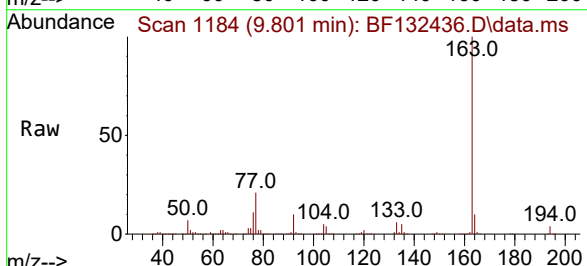
Tgt Ion:163 Resp: 1183966

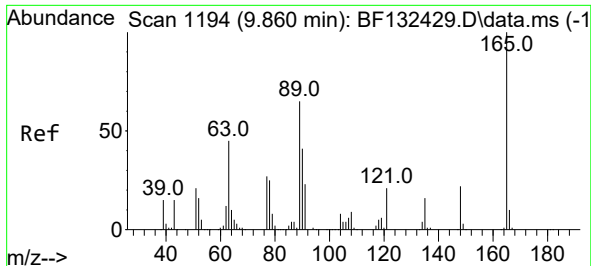
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.4 12.6

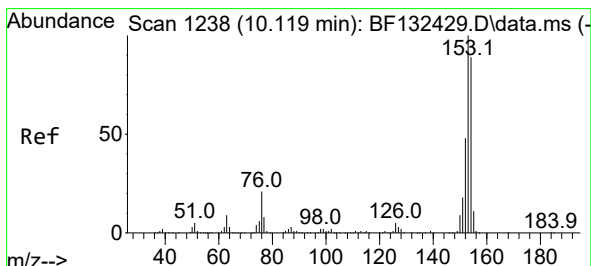
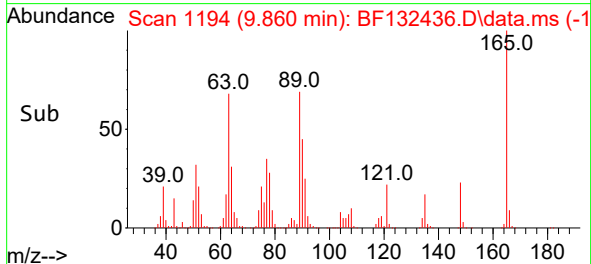
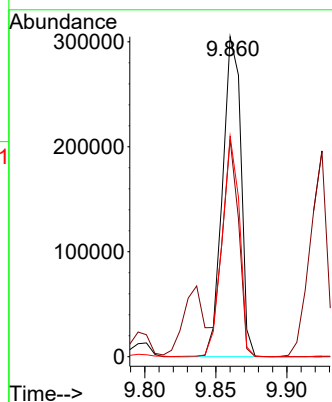
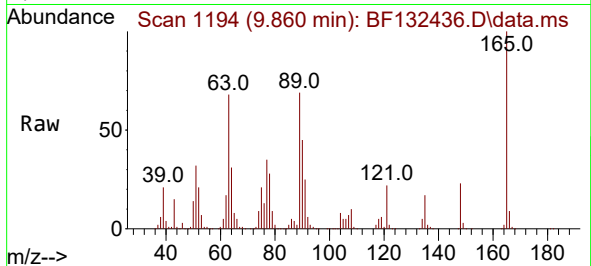




#51
2,6-Dinitrotoluene
Concen: 39.068 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

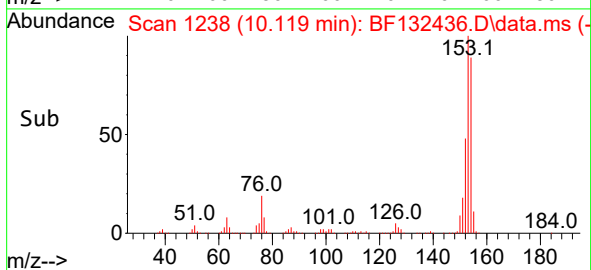
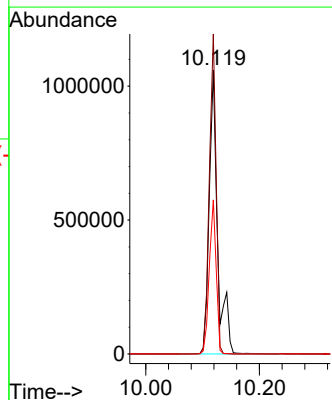
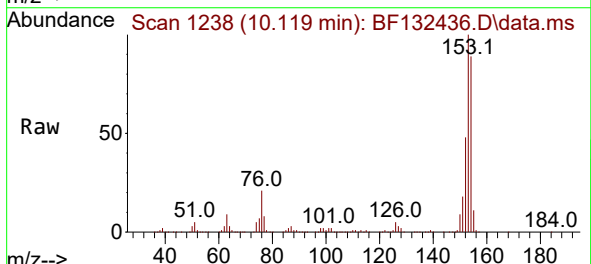
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

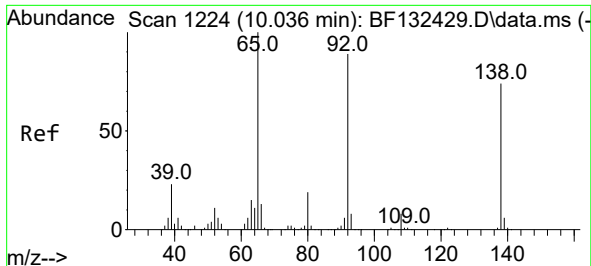
Tgt Ion:165 Resp: 273904
Ion Ratio Lower Upper
165 100
63 68.0 50.4 75.6
89 68.9 52.2 78.2



#52
Acenaphthene
Concen: 41.487 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:154 Resp: 1090935
Ion Ratio Lower Upper
154 100
153 112.8 89.7 134.5
152 54.3 43.4 65.0

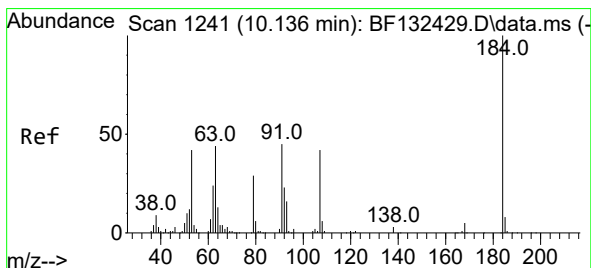
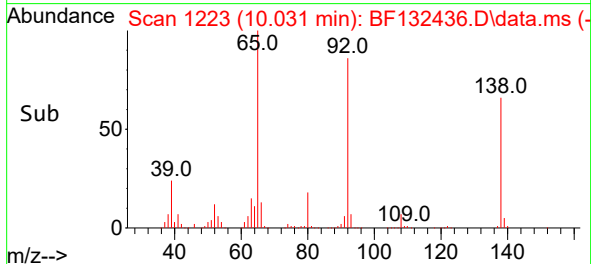
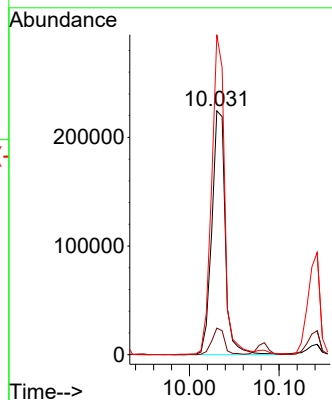
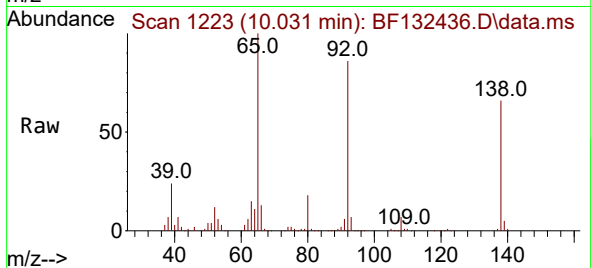




#53
3-Nitroaniline
Concen: 28.955 ng
RT: 10.031 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

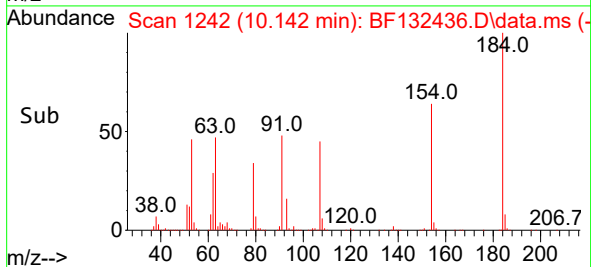
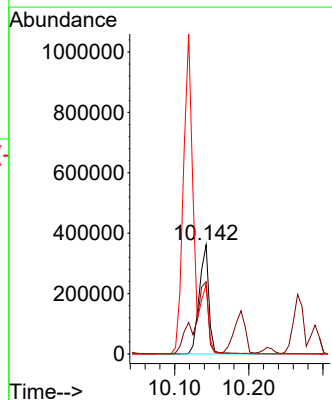
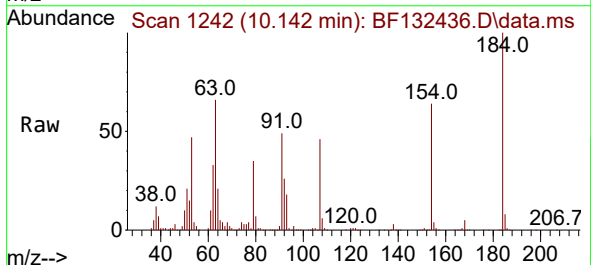
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

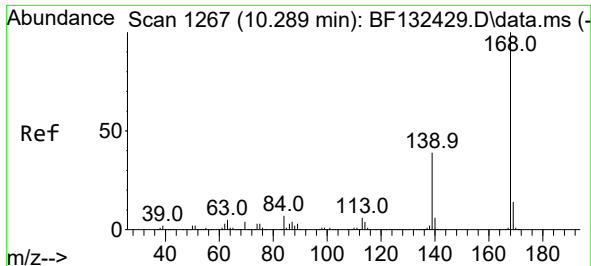
Tgt Ion:138 Resp: 233075
Ion Ratio Lower Upper
138 100
108 10.9 8.1 12.1
92 131.3 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 75.724 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:184 Resp: 328386
Ion Ratio Lower Upper
184 100
63 66.1 47.0 70.6
154 63.6 49.0 73.6

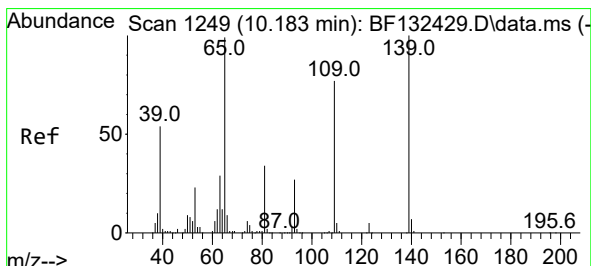
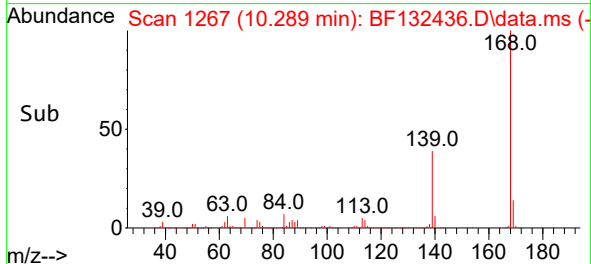
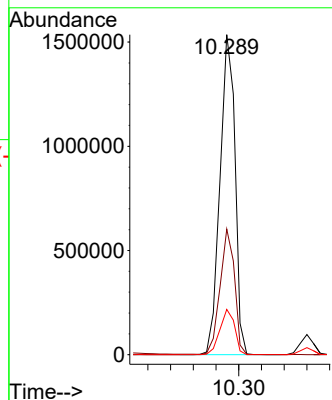
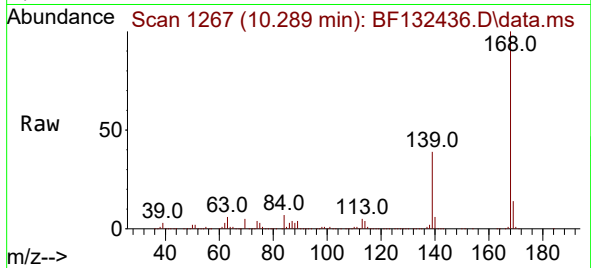




#55
Dibenzenofuran
Concen: 36.194 ng
RT: 10.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

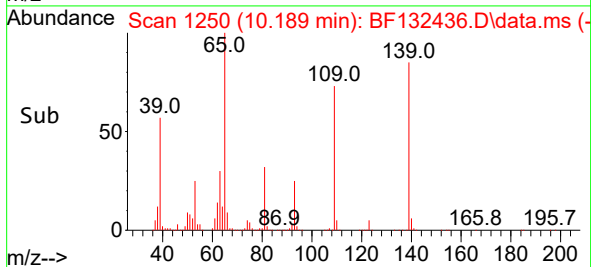
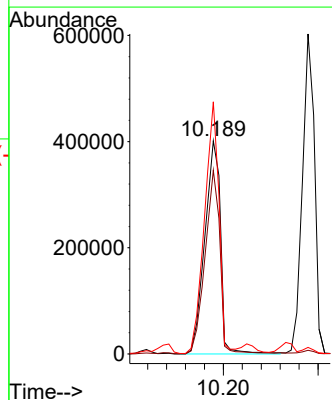
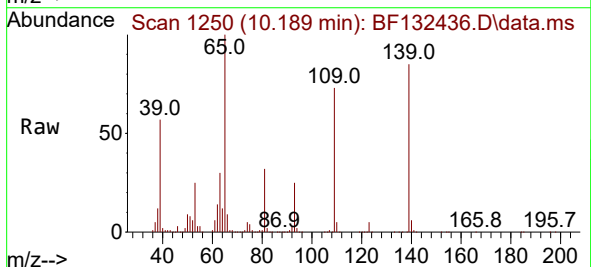
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

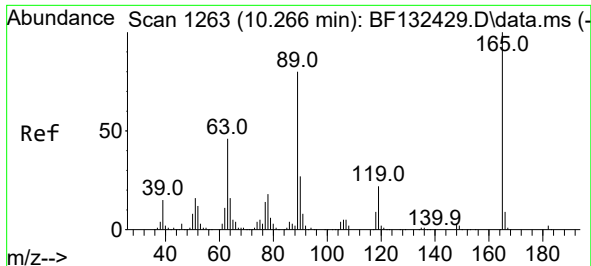
Tgt Ion:168 Resp: 1412100
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 14.2 11.0 16.4



#56
4-Nitrophenol
Concen: 79.059 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:139 Resp: 461694
Ion Ratio Lower Upper
139 100
109 86.2 57.2 97.2
65 118.3 79.2 119.2





#57

2,4-Dinitrotoluene

Concen: 39.805 ng

RT: 10.272 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

Tgt Ion:165 Resp: 367363

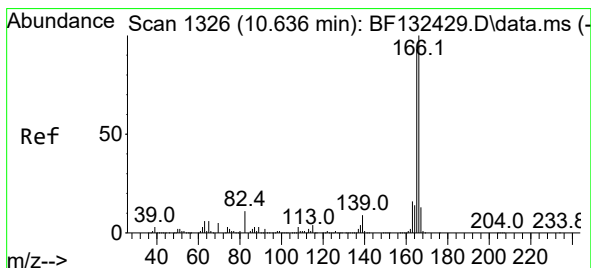
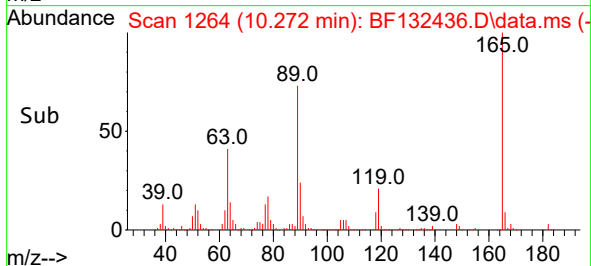
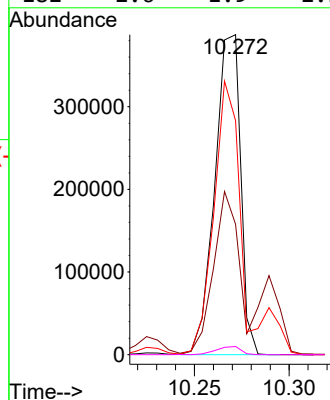
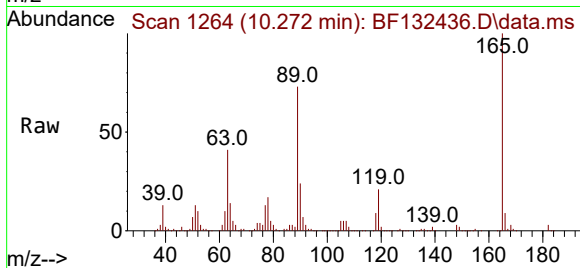
Ion Ratio Lower Upper

165 100

63 40.8 37.1 55.7

89 73.2 63.6 95.4

182 2.6 1.9 2.9



#58

Fluorene

Concen: 36.203 ng

RT: 10.636 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

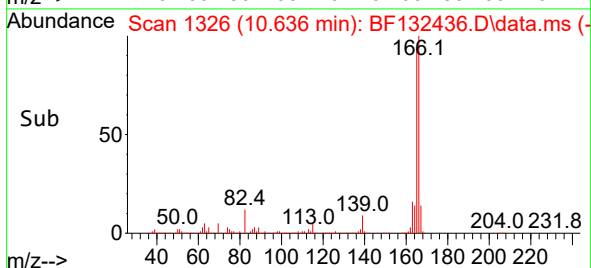
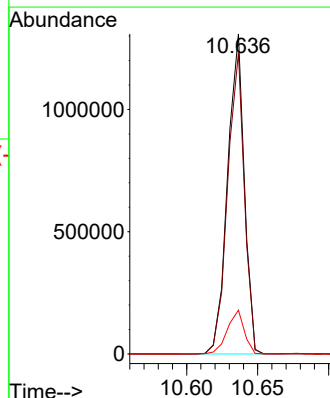
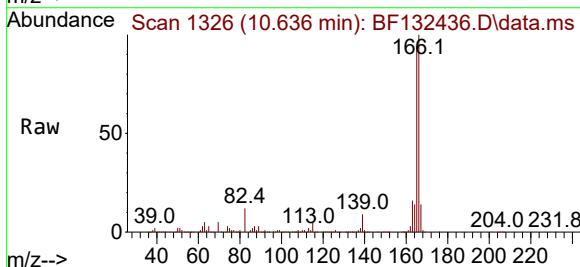
Tgt Ion:166 Resp: 1067871

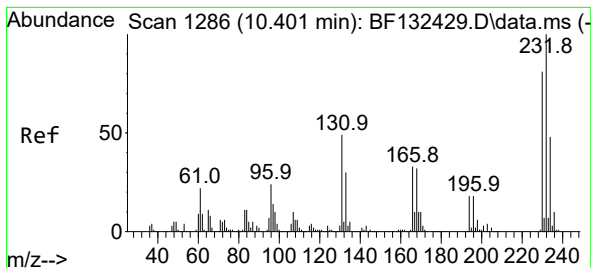
Ion Ratio Lower Upper

166 100

165 94.1 74.6 111.8

167 13.7 10.8 16.2

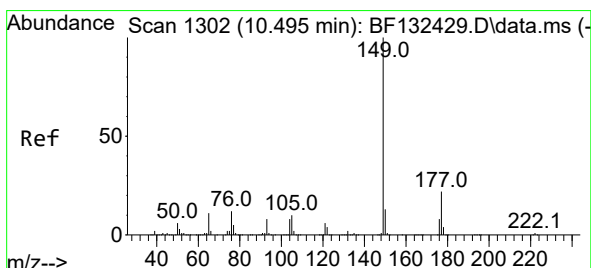
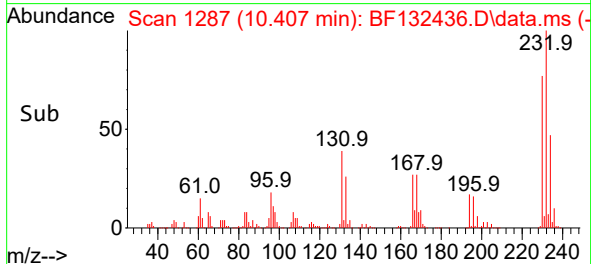
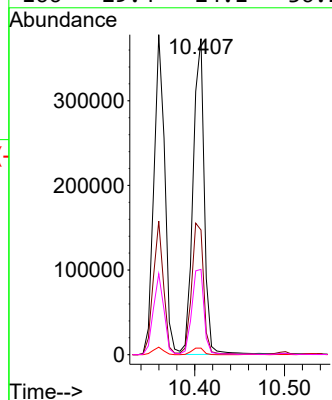
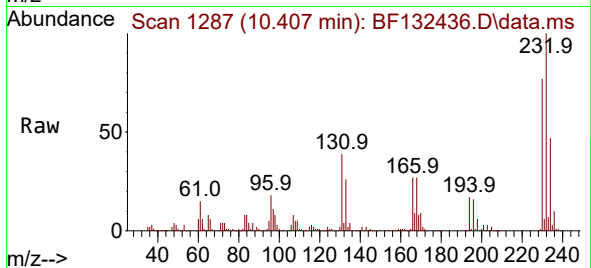




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.323 ng
RT: 10.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

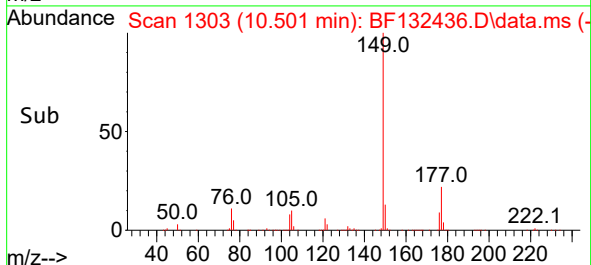
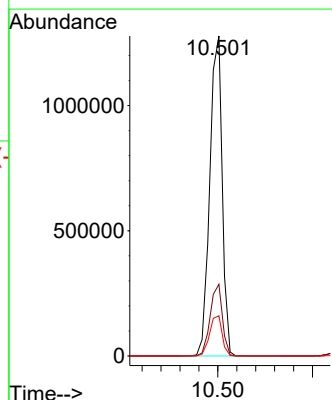
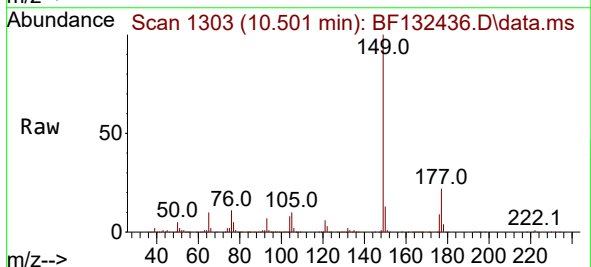
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

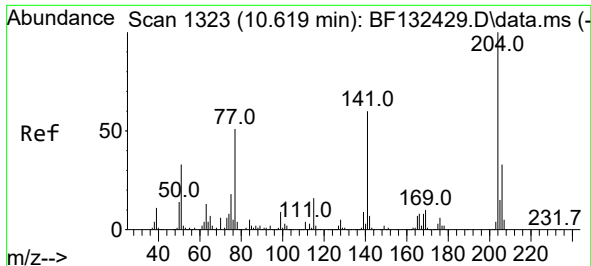
Tgt Ion:232 Resp: 323457
Ion Ratio Lower Upper
232 100
131 44.2 35.8 53.8
130 2.3 1.8 2.8
166 29.4 24.1 36.1



#60
Diethylphthalate
Concen: 36.455 ng
RT: 10.501 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:149 Resp: 1155302
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.6 10.0 15.0

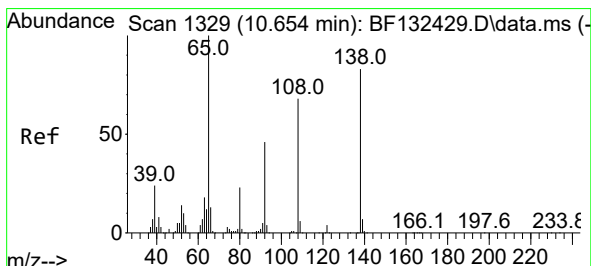
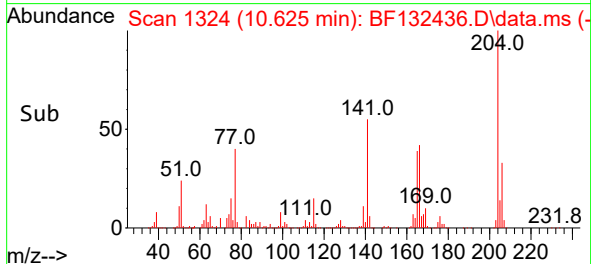
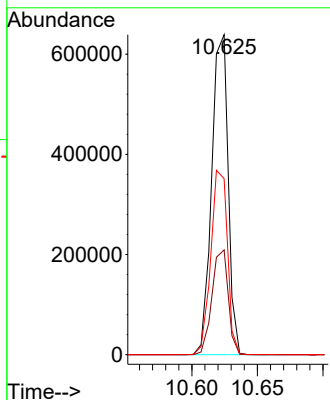
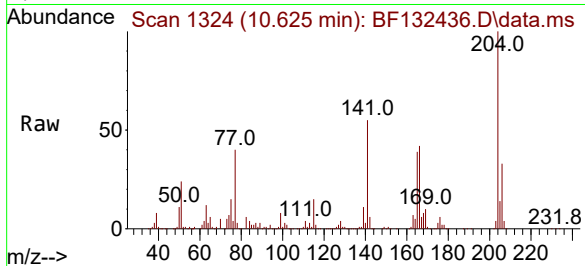




#61
4-Chlorophenyl-phenylether
Concen: 36.161 ng
RT: 10.625 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

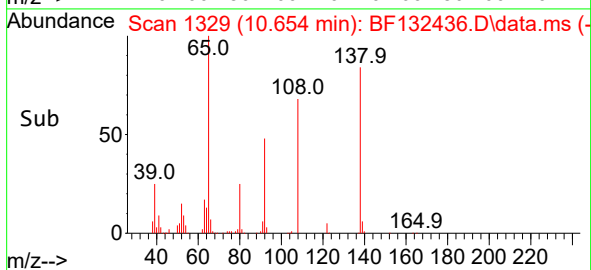
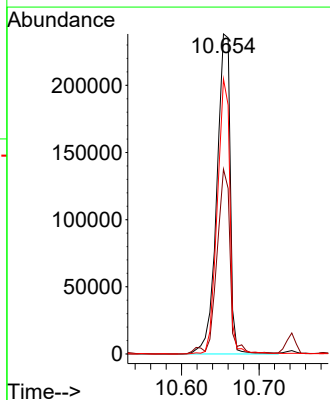
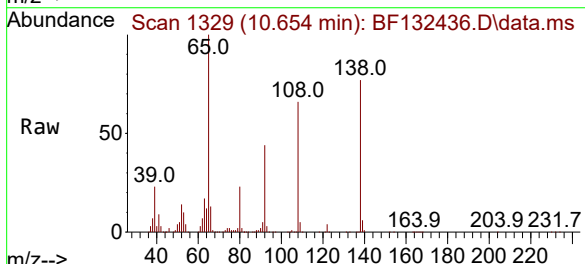
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

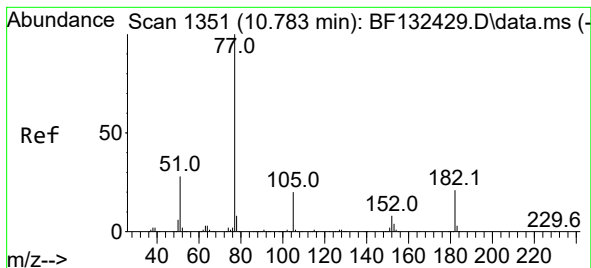
Tgt Ion:204 Resp: 558571
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 55.0 48.2 72.2



#62
4-Nitroaniline
Concen: 38.298 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:138 Resp: 287663
Ion Ratio Lower Upper
138 100
92 57.7 35.9 75.9
108 85.9 62.1 102.1





#63

Azobenzene

Concen: 36.971 ng

RT: 10.783 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

Tgt Ion: 77 Resp: 1296380

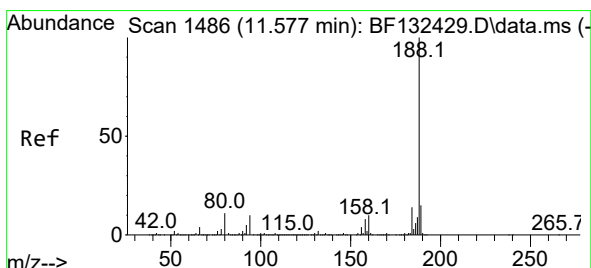
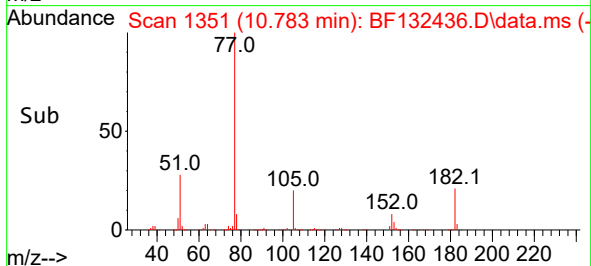
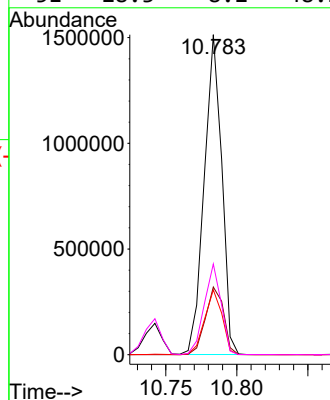
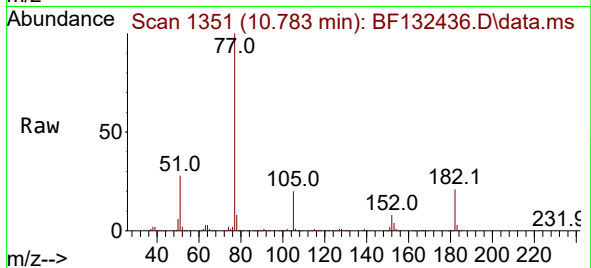
Ion Ratio Lower Upper

77 100

182 21.1 1.4 41.4

105 20.3 0.1 40.1

51 28.3 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: BF132436.D

Acq: 16 Feb 2023 16:21

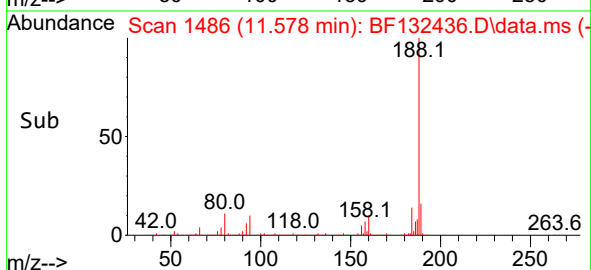
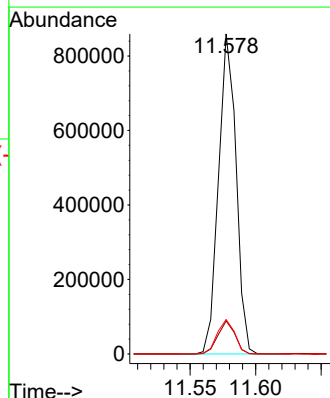
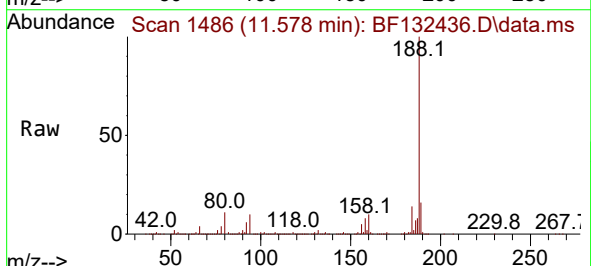
Tgt Ion:188 Resp: 799203

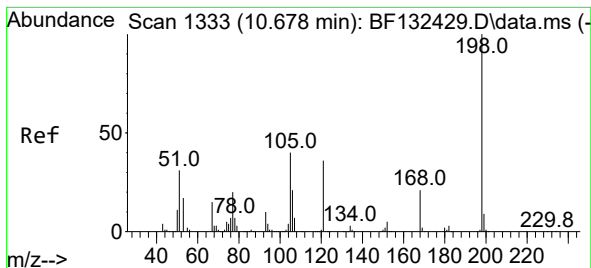
Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

80 10.7 8.6 12.8

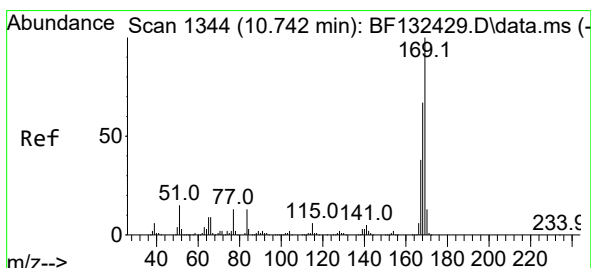
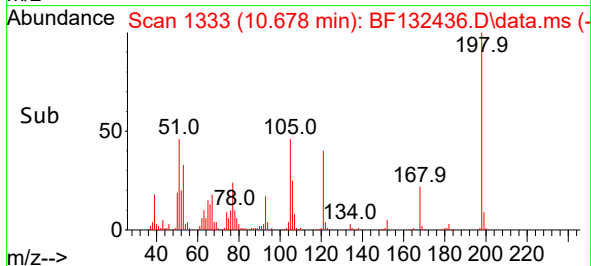
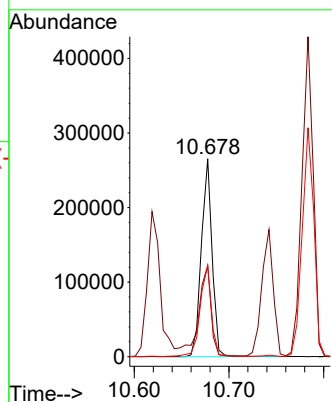
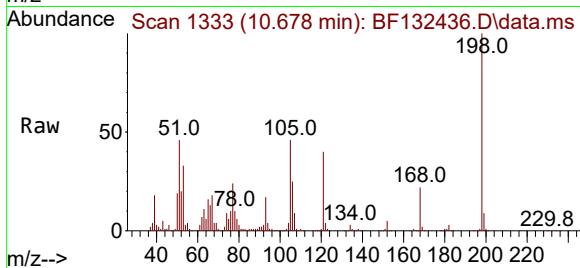




#65
4,6-Dinitro-2-methylphenol
Concen: 42.231 ng
RT: 10.678 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

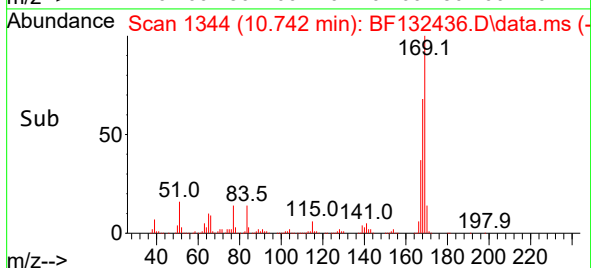
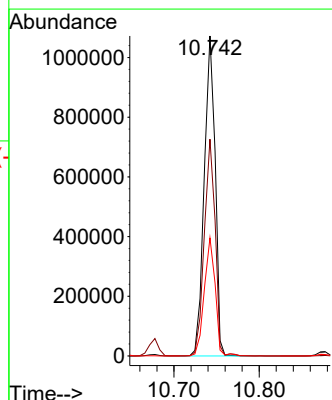
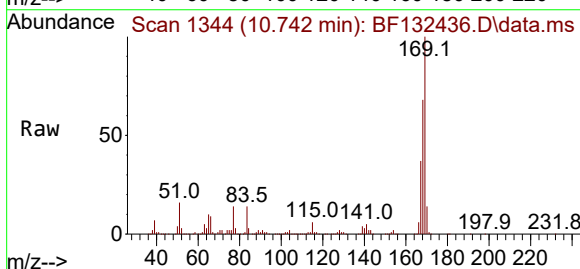
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

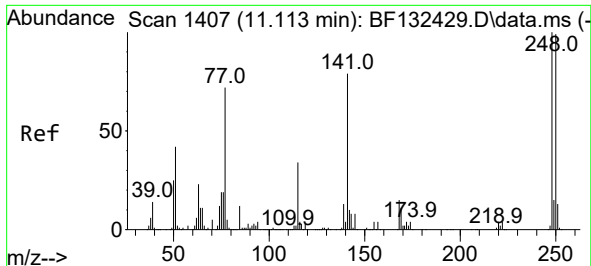
Tgt Ion:198 Resp: 209838
Ion Ratio Lower Upper
198 100
51 46.0 17.4 57.4
105 45.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.867 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:169 Resp: 953387
Ion Ratio Lower Upper
169 100
168 67.8 53.5 80.3
167 36.9 30.2 45.2

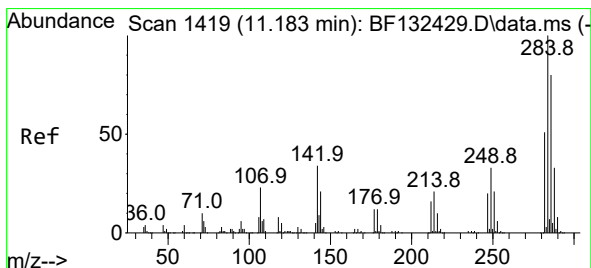
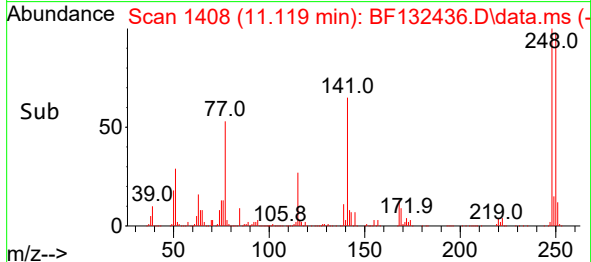
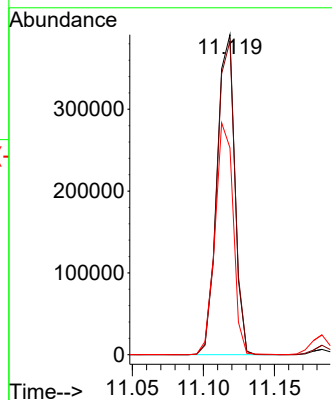
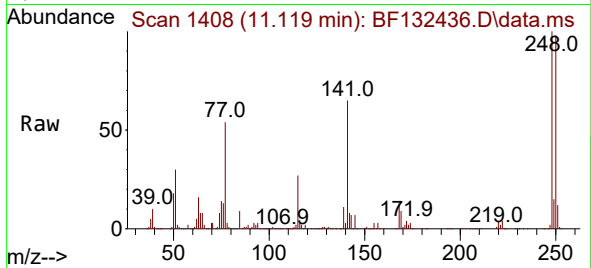




#67
4-Bromophenyl-phenylether
Concen: 38.995 ng
RT: 11.119 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

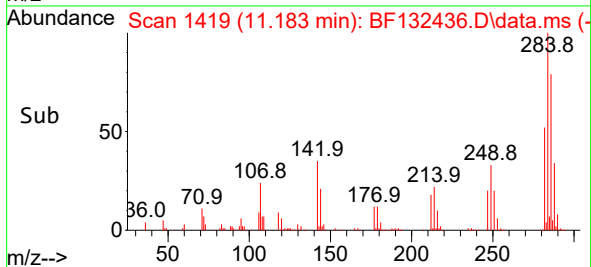
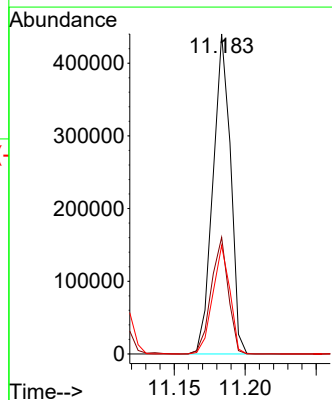
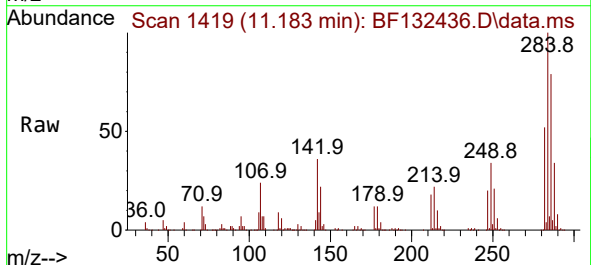
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

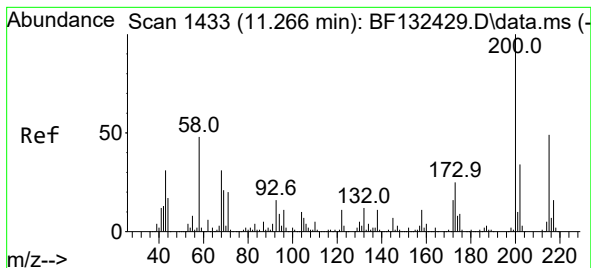
Tgt Ion:248 Resp: 341566
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 64.6 63.3 94.9



#68
Hexachlorobenzene
Concen: 41.286 ng
RT: 11.183 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:284 Resp: 378027
Ion Ratio Lower Upper
284 100
142 36.4 27.5 41.3
249 33.9 26.2 39.4





#69

Atrazine

Concen: 43.031 ng

RT: 11.266 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

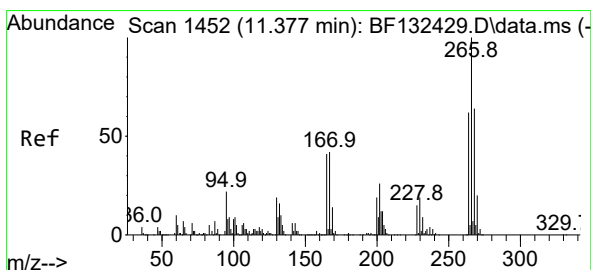
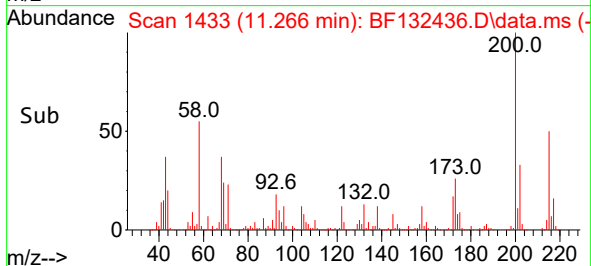
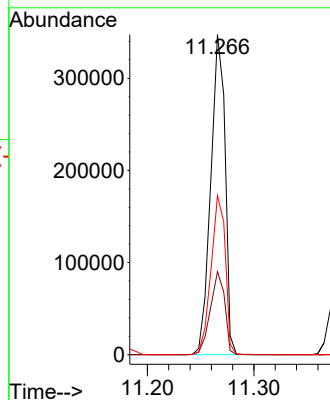
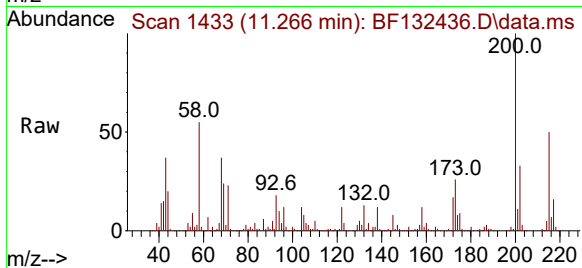
Tgt Ion:200 Resp: 324897

Ion Ratio Lower Upper

200 100

173 26.0 5.3 45.3

215 49.8 29.1 69.1



#70

Pentachlorophenol

Concen: 75.470 ng

RT: 11.378 min Scan# 1452

Delta R.T. 0.001 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

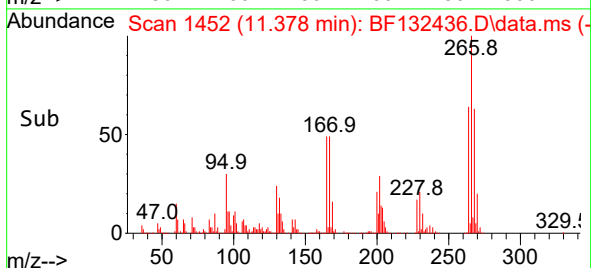
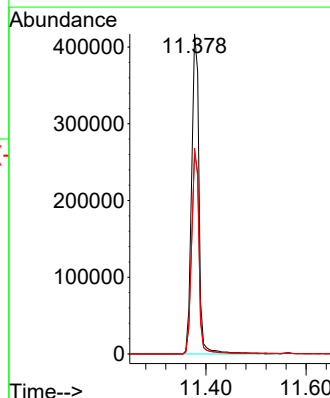
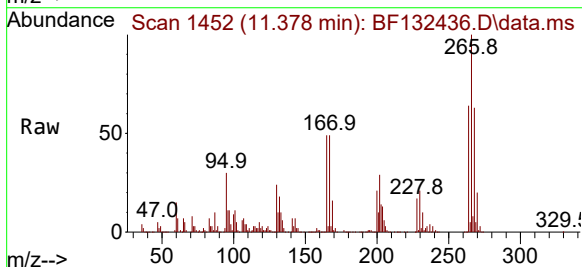
Tgt Ion:266 Resp: 429621

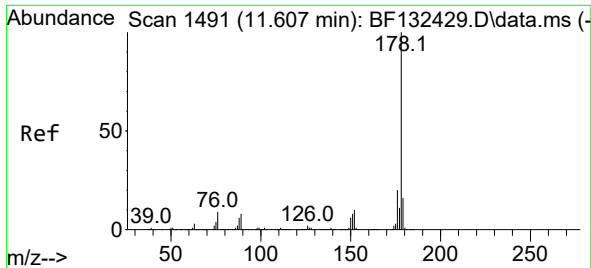
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

264 64.3 49.8 74.6

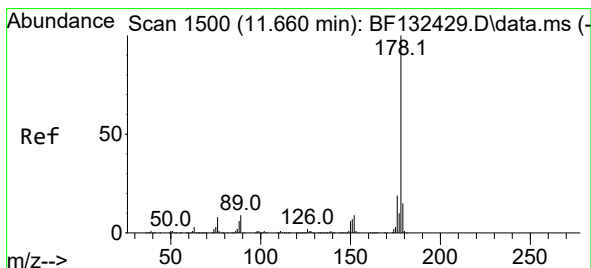
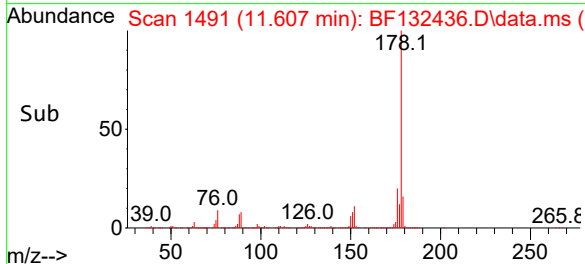
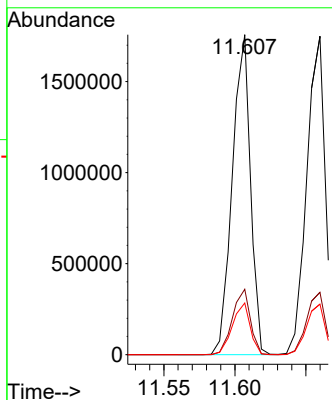
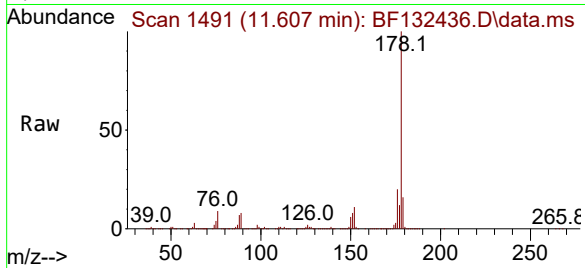




#71
Phenanthrene
Concen: 38.123 ng
RT: 11.607 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

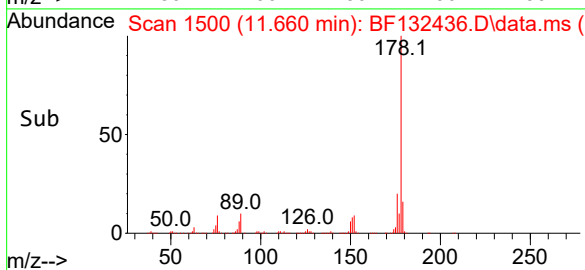
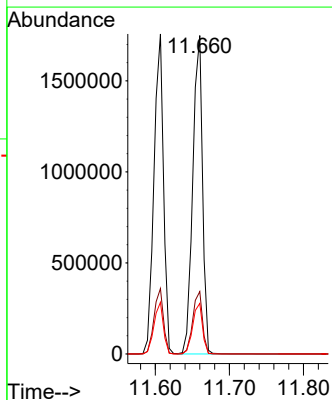
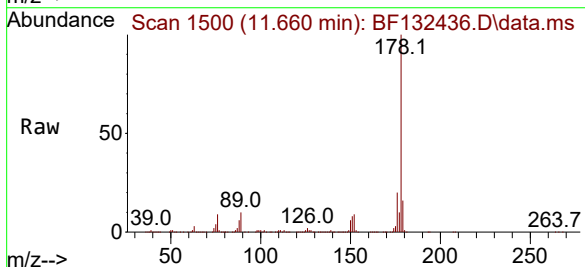
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

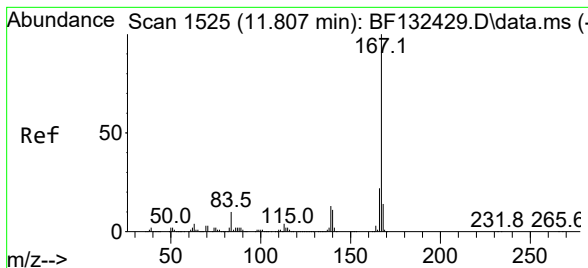
Tgt Ion:178 Resp: 1569224
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.2 12.6 18.8



#72
Anthracene
Concen: 37.577 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:178 Resp: 1590071
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.9 12.4 18.6





#73

Carbazole

Concen: 39.130 ng

RT: 11.813 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

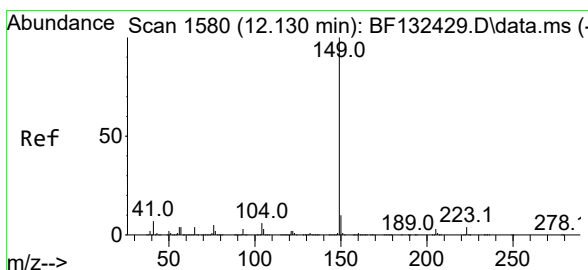
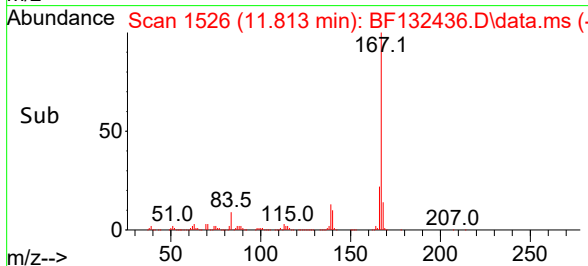
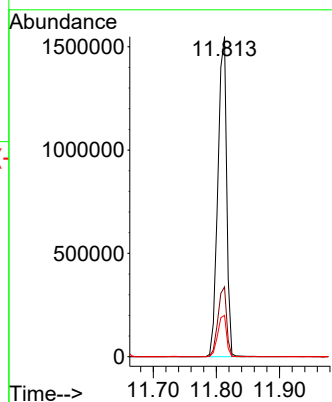
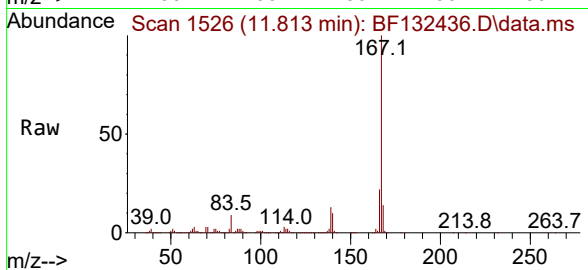
Tgt Ion:167 Resp: 1490473

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 12.9 10.7 16.1



#74

Di-n-butylphthalate

Concen: 39.223 ng

RT: 12.130 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

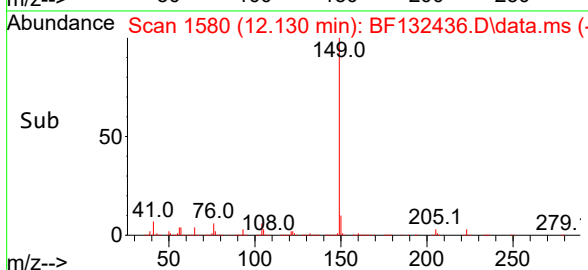
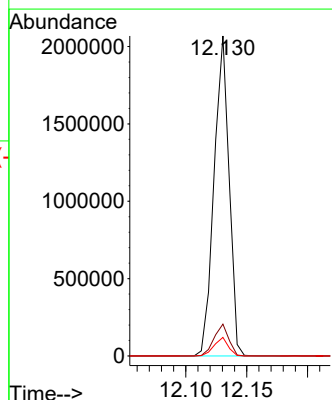
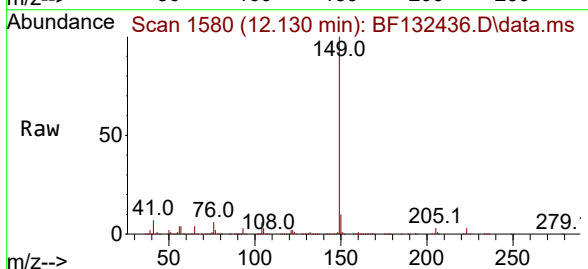
Tgt Ion:149 Resp: 1779524

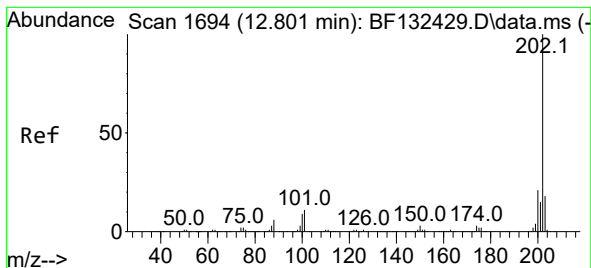
Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

104 5.8 4.5 6.7





#75

Fluoranthene

Concen: 37.796 ng

RT: 12.801 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

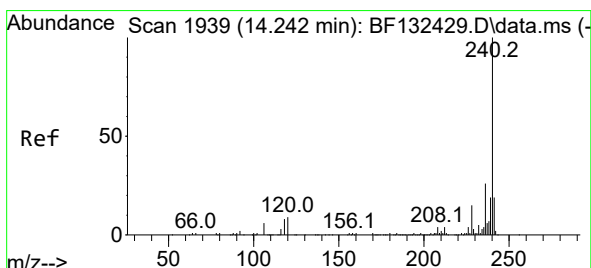
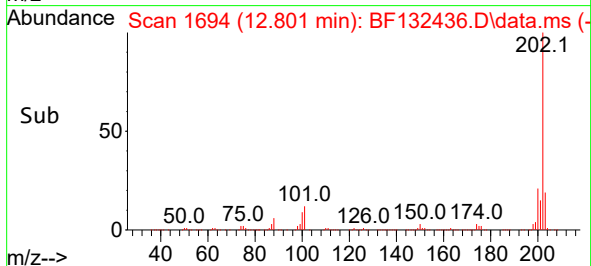
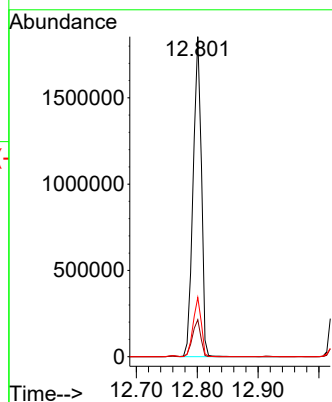
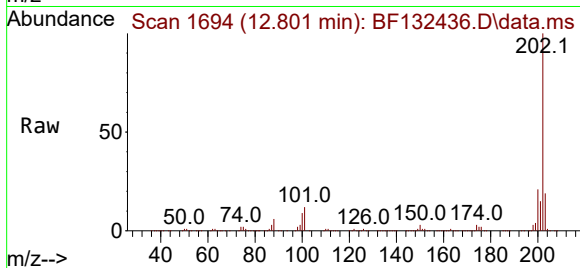
Tgt Ion:202 Resp: 1734999

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.3

203 18.5 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: BF132436.D

Acq: 16 Feb 2023 16:21

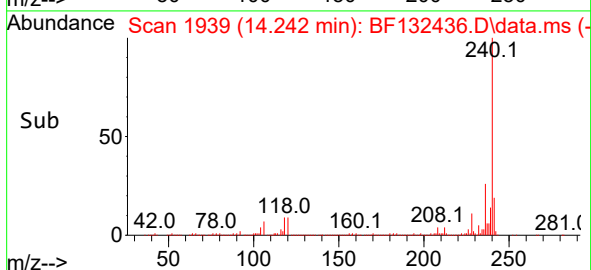
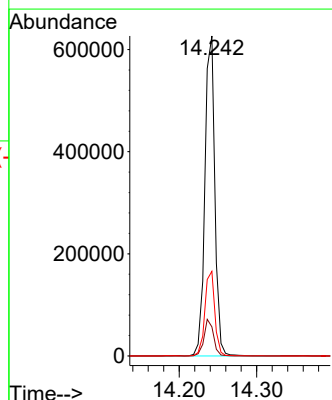
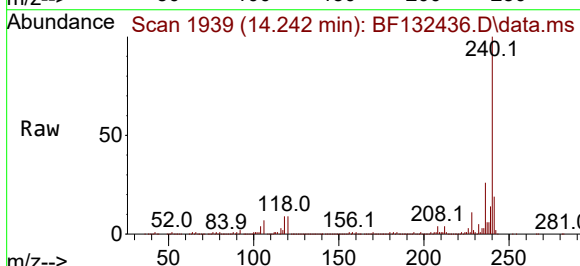
Tgt Ion:240 Resp: 559127

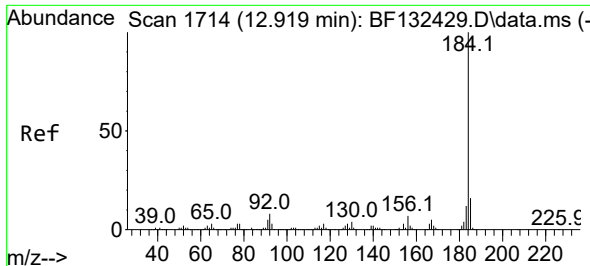
Ion Ratio Lower Upper

240 100

120 9.1 7.5 11.3

236 26.5 21.0 31.6

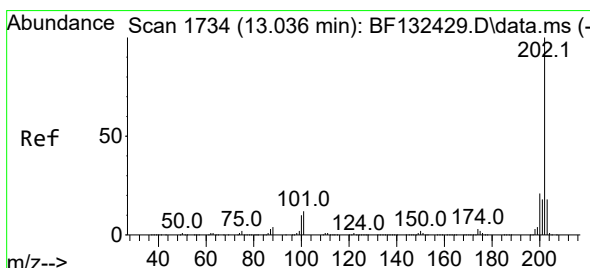
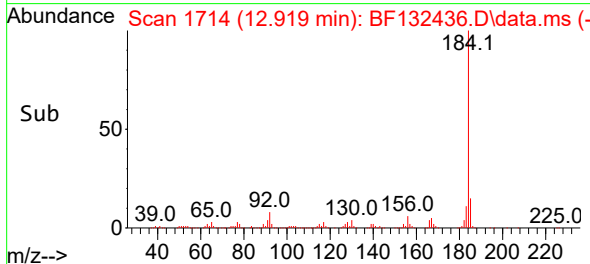
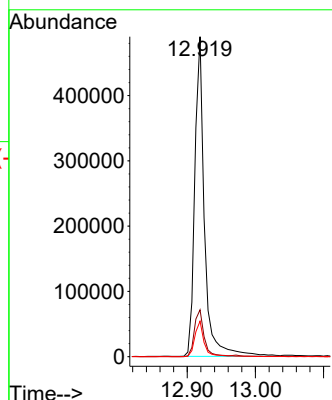
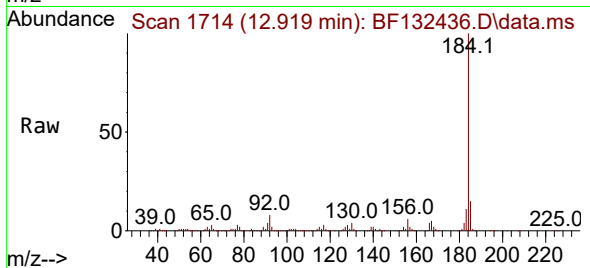




#77
Benzidine
Concen: 40.485 ng
RT: 12.919 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

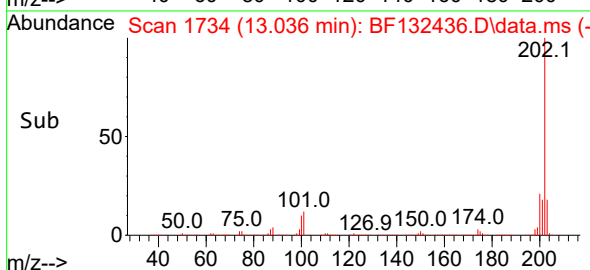
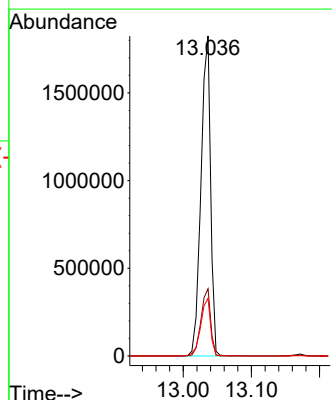
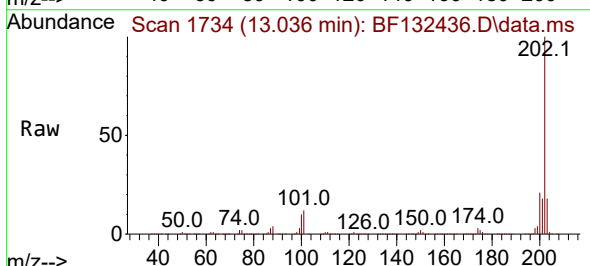
Instrument :
BNA_F
ClientSampleId :
PB150899BSD

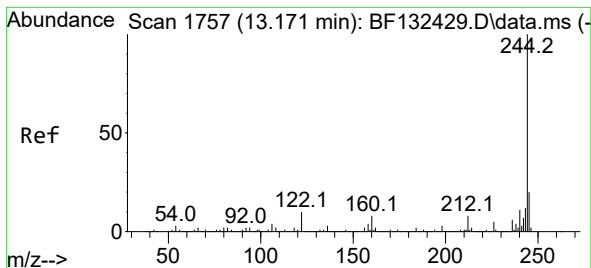
Tgt Ion:184 Resp: 482015
Ion Ratio Lower Upper
184 100
185 14.7 12.4 18.6
183 11.1 9.2 13.8



#78
Pyrene
Concen: 37.625 ng
RT: 13.036 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BF132436.D
Acq: 16 Feb 2023 16:21

Tgt Ion:202 Resp: 1787104
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 77.523 ng

RT: 13.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

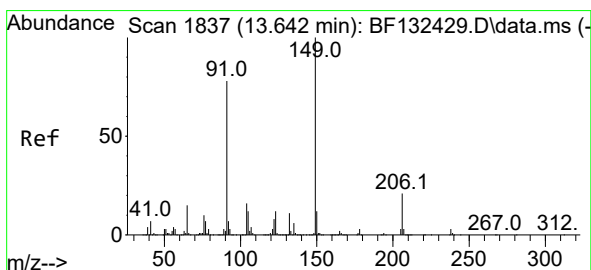
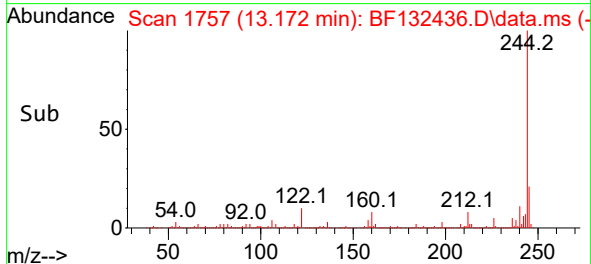
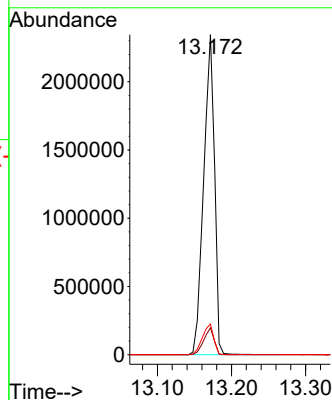
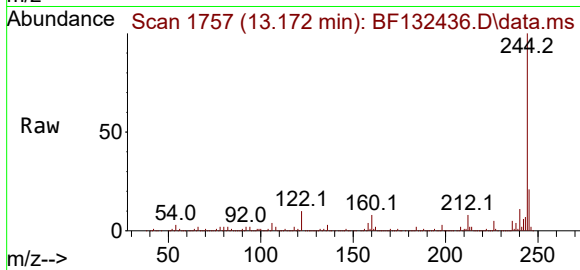
Tgt Ion:244 Resp: 2380035

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 9.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 42.084 ng

RT: 13.642 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

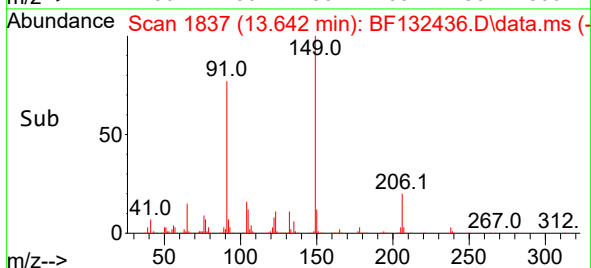
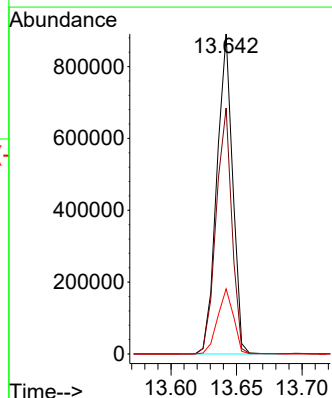
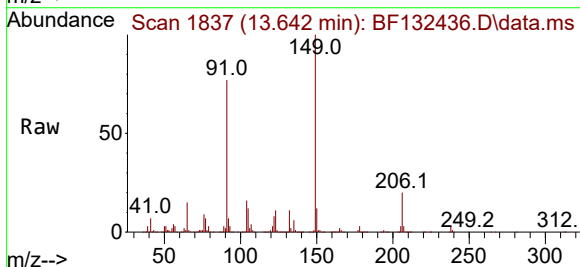
Tgt Ion:149 Resp: 745878

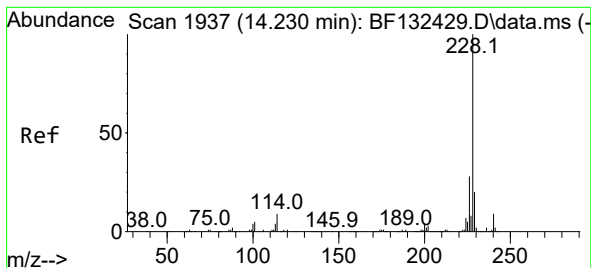
Ion Ratio Lower Upper

149 100

91 76.8 62.8 94.2

206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.751 ng

RT: 14.230 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

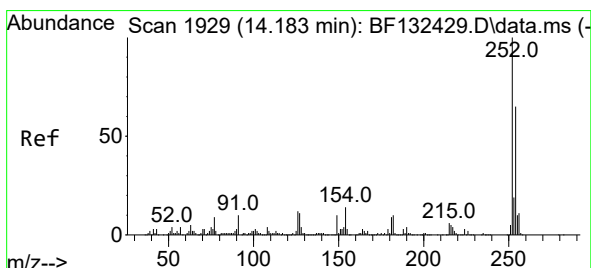
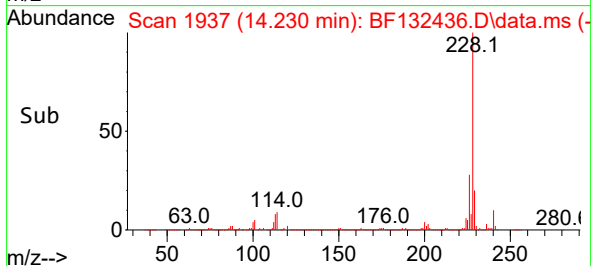
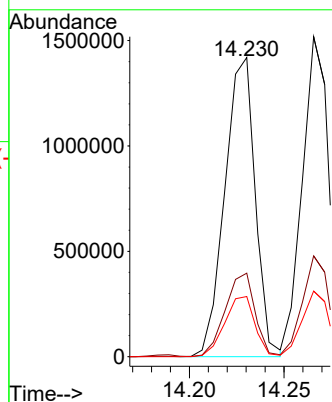
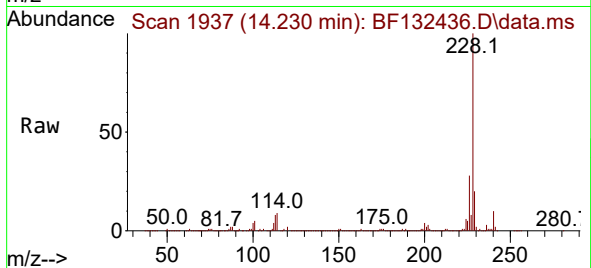
Tgt Ion:228 Resp: 1586897

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 41.118 ng

RT: 14.183 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

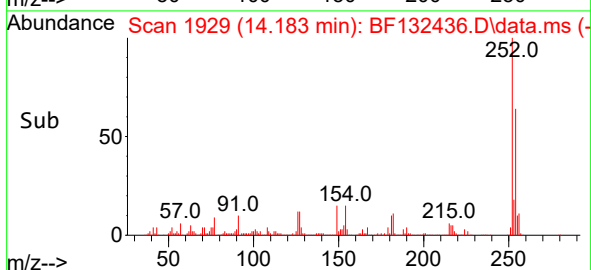
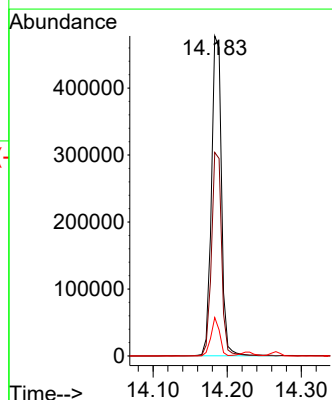
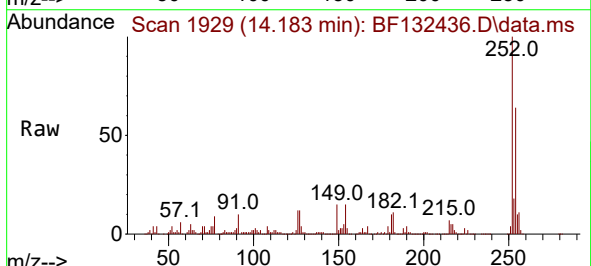
Tgt Ion:252 Resp: 449751

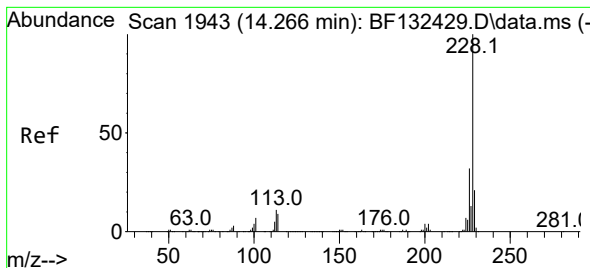
Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.2

126 12.0 9.6 14.4





#83

Chrysene

Concen: 37.098 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

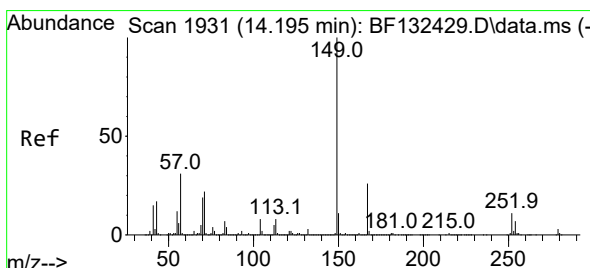
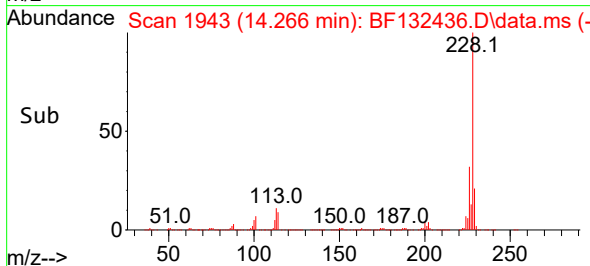
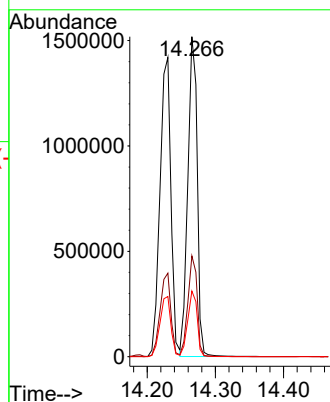
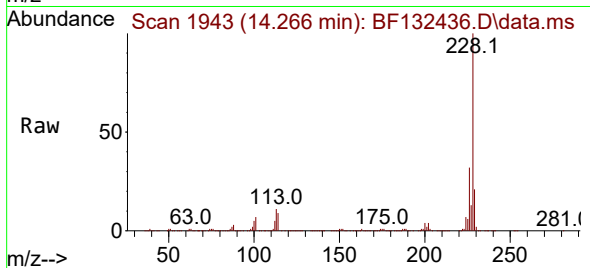
Tgt Ion:228 Resp: 1451502

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.2

229 20.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.666 ng

RT: 14.195 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

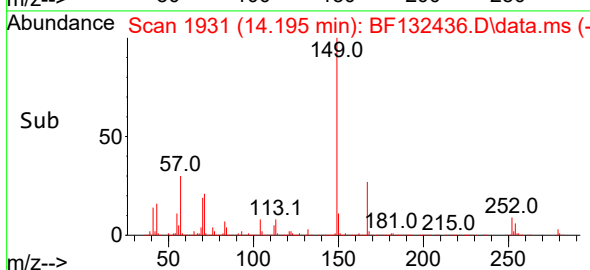
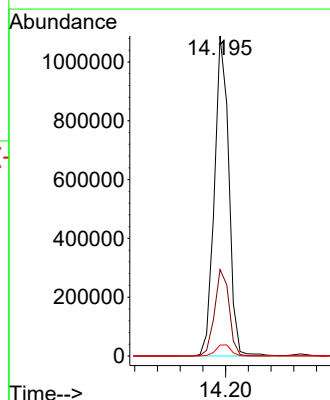
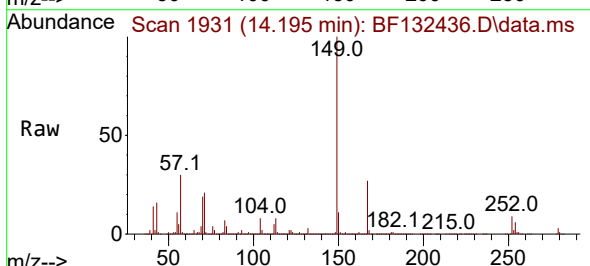
Tgt Ion:149 Resp: 955973

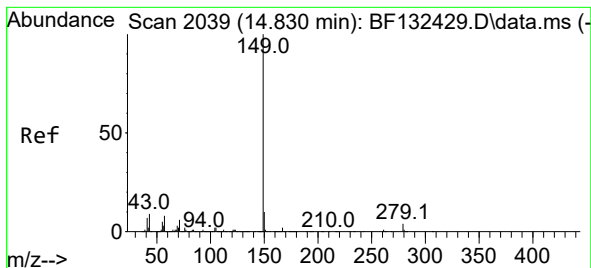
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 3.4 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 45.425 ng

RT: 14.824 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

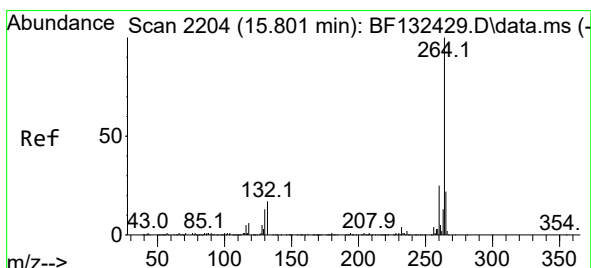
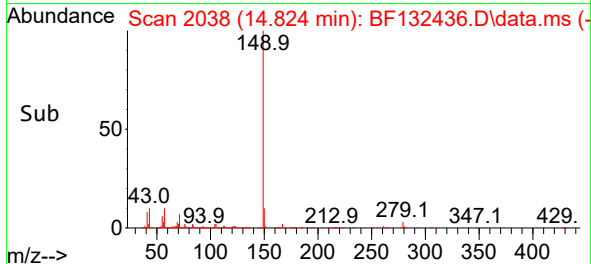
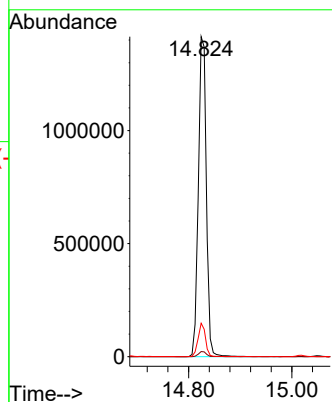
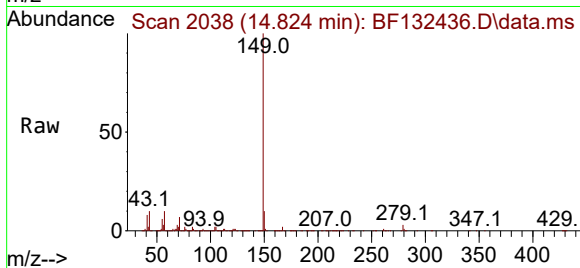
Tgt Ion:149 Resp: 1513364

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: BF132436.D

Acq: 16 Feb 2023 16:21

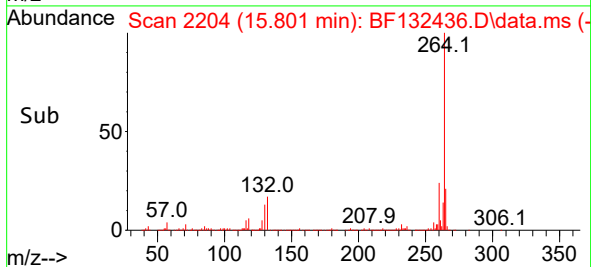
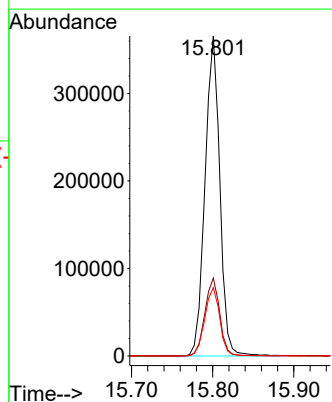
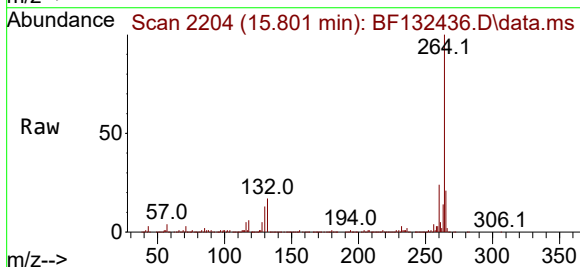
Tgt Ion:264 Resp: 461017

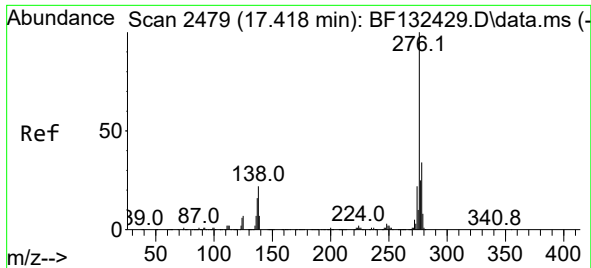
Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.3 17.2 25.8

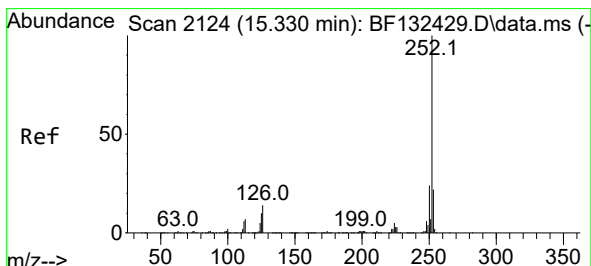
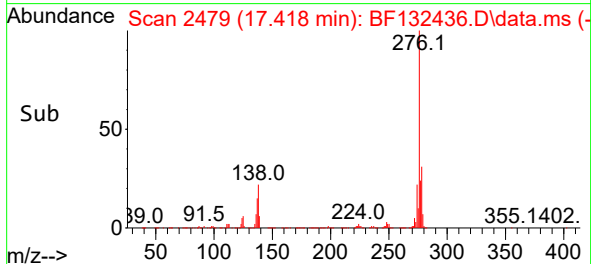
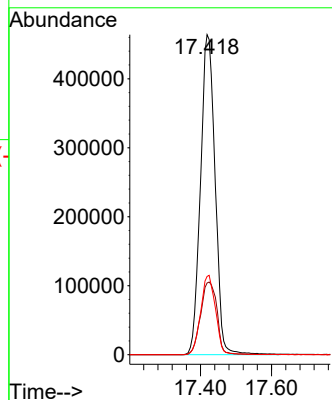
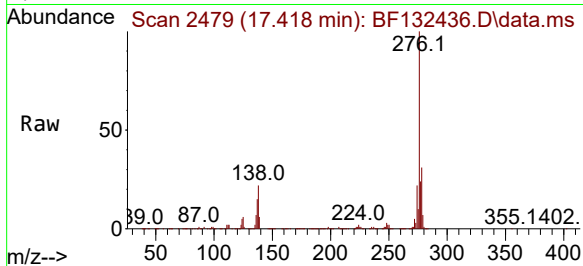




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.118 ng
 RT: 17.418 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

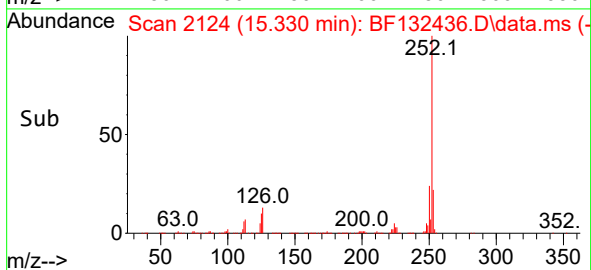
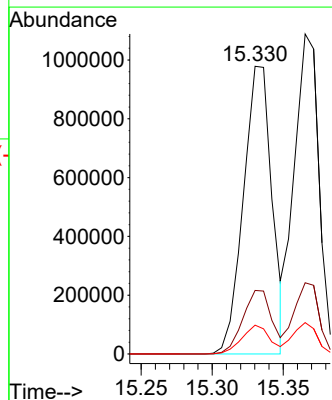
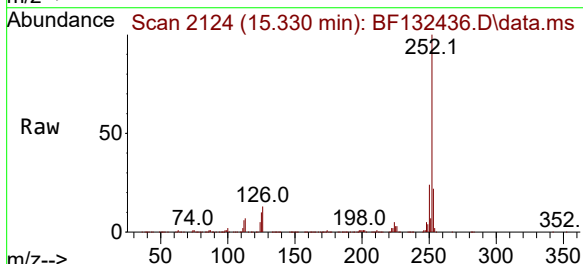
Instrument :
 BNA_F
 ClientSampleId :
 PB150899BSD

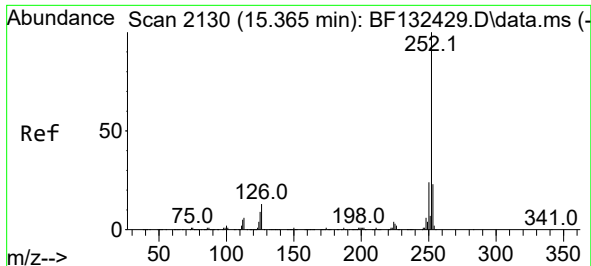
Tgt Ion:276 Resp: 1329618
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.2 30.4
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.178 ng
 RT: 15.330 min Scan# 2124
 Delta R.T. 0.000 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

Tgt Ion:252 Resp: 1369672
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 10.0 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 43.986 ng

RT: 15.366 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

Instrument :

BNA_F

ClientSampleId :

PB150899BSD

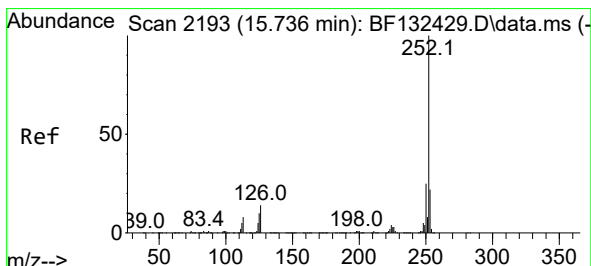
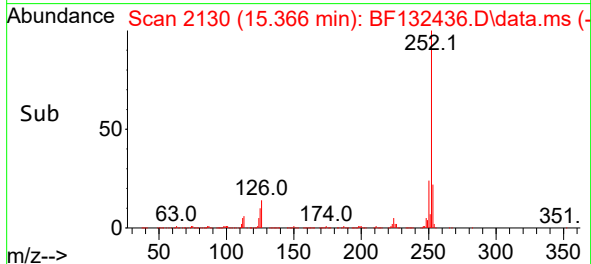
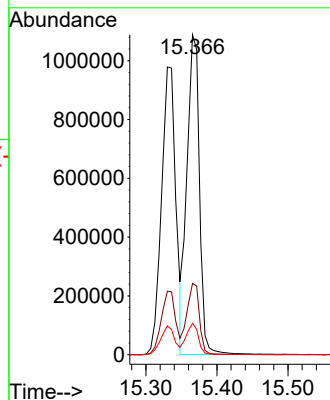
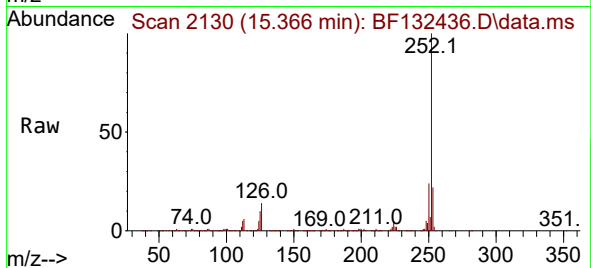
Tgt Ion:252 Resp: 1334467

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 40.868 ng

RT: 15.736 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF132436.D

Acq: 16 Feb 2023 16:21

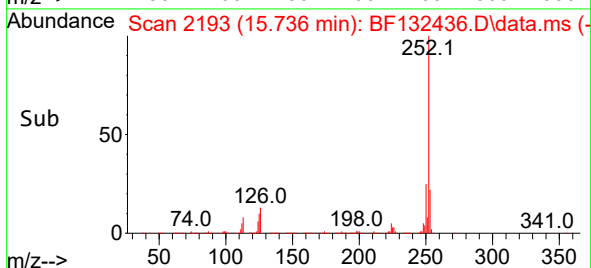
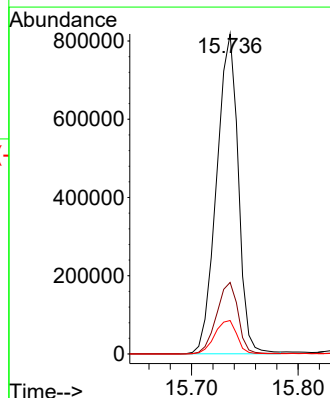
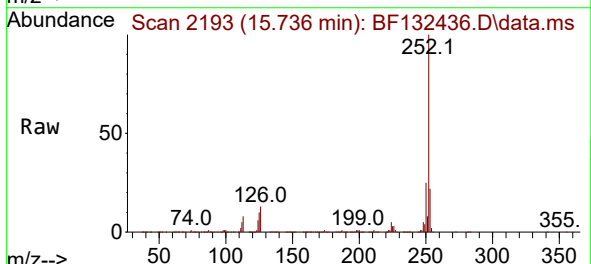
Tgt Ion:252 Resp: 1151436

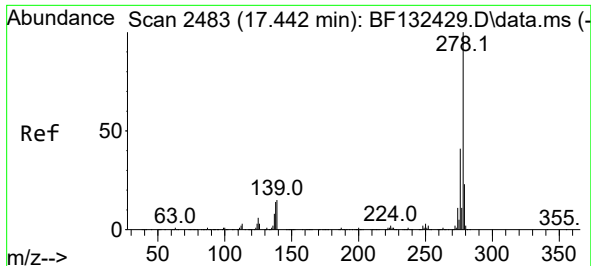
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.4 8.2 12.4

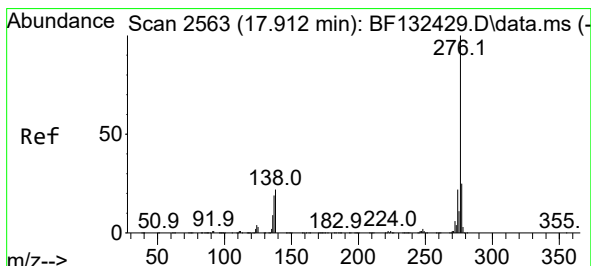
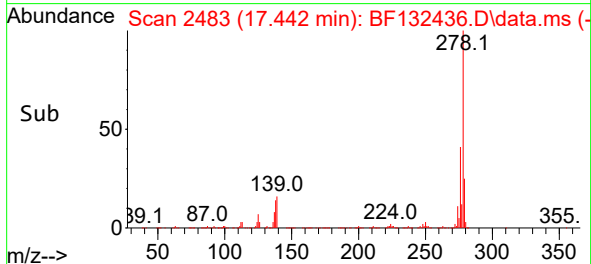
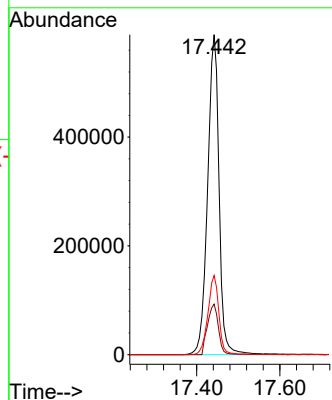
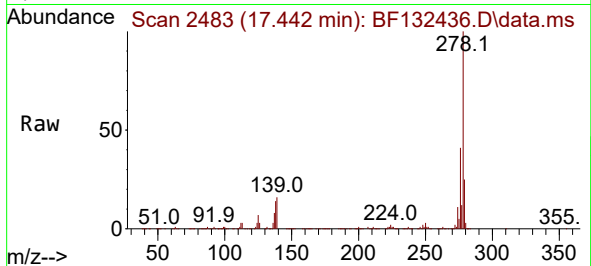




#91
 Dibenzo(a,h)anthracene
 Concen: 46.438 ng
 RT: 17.442 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB150899BSD

Tgt Ion:278 Resp: 1127166
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.2 18.2
 279 24.8 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 46.107 ng
 RT: 17.918 min Scan# 2564
 Delta R.T. 0.006 min
 Lab File: BF132436.D
 Acq: 16 Feb 2023 16:21

Tgt Ion:276 Resp: 1149318
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.6 29.4
 138 21.5 17.7 26.5

