

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132457.D
 Acq On : 17 Feb 2023 18:59
 Operator : CG\JU
 Sample : PB150925BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150925BSD

Quant Time: Feb 18 01:00:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	253273	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	946456	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	507057	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	949476	20.000	ng	0.00
76) Chrysene-d12	14.230	240	614695	20.000	ng	0.00
86) Perylene-d12	15.783	264	506525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1858184	117.560	ng	0.02
7) Phenol-d6	6.654	99	2435420	118.000	ng	0.00
23) Nitrobenzene-d5	7.590	82	1640599	83.289	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	637429	125.996	ng	0.00
45) 2-Fluorobiphenyl	9.390	172	2469232	75.203	ng	0.00
79) Terphenyl-d14	13.160	244	2942140	87.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	311799	36.465	ng	98
3) Pyridine	3.760	79	806384	34.743	ng	97
4) n-Nitrosodimethylamine	3.725	42	381620	41.643	ng	96
6) Aniline	6.690	93	949507	33.023	ng	97
8) 2-Chlorophenol	6.807	128	743398	46.070	ng	98
9) Benzaldehyde	6.572	77	212313	19.240	ng	97
10) Phenol	6.666	94	969773	44.338	ng	98
11) bis(2-Chloroethyl)ether	6.754	93	878461	47.349	ng	98
12) 1,3-Dichlorobenzene	6.966	146	764816	43.509	ng	98
13) 1,4-Dichlorobenzene	7.043	146	759039	43.287	ng	98
14) 1,2-Dichlorobenzene	7.196	146	740402	46.087	ng	99
15) Benzyl Alcohol	7.166	79	688922	45.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.296	45	1127378	43.703	ng	98
17) 2-Methylphenol	7.272	107	632819	41.196	ng	98
18) Hexachloroethane	7.537	117	309144	46.692	ng	95
19) n-Nitroso-di-n-propyla...	7.437	70	544707	43.050	ng	99
20) 3+4-Methylphenols	7.425	107	730785	38.532	ng	# 77
22) Acetophenone	7.437	105	988559	40.301	ng	98
24) Nitrobenzene	7.613	77	889914	41.207	ng	98
25) Isophorone	7.848	82	1633381	42.200	ng	100
26) 2-Nitrophenol	7.925	139	402759	47.975	ng	95
27) 2,4-Dimethylphenol	7.954	122	653859	43.137	ng	99
28) bis(2-Chloroethoxy)met...	8.054	93	963679	42.605	ng	100
29) 2,4-Dichlorophenol	8.166	162	607521	42.484	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	681609	42.859	ng	98
31) Naphthalene	8.337	128	1947330	39.646	ng	100
32) Benzoic acid	8.090	122	541549	49.255	ng	98
33) 4-Chloroaniline	8.384	127	241373	11.828	ng	95
34) Hexachlorobutadiene	8.443	225	433981	43.224	ng	97
35) Caprolactam	8.754	113	137087	29.529	ng	94
36) 4-Chloro-3-methylphenol	8.860	107	687088	42.942	ng	98
37) 2-Methylnaphthalene	9.025	142	1292764	39.108	ng	99
38) 1-Methylnaphthalene	9.125	142	1205364	38.813	ng	99
40) 1,2,4,5-Tetrachloroben...	9.195	216	661386	40.254	ng	99
41) Hexachlorocyclopentadiene	9.178	237	826032	91.536	ng	98
43) 2,4,6-Trichlorophenol	9.301	196	471623	43.575	ng	99

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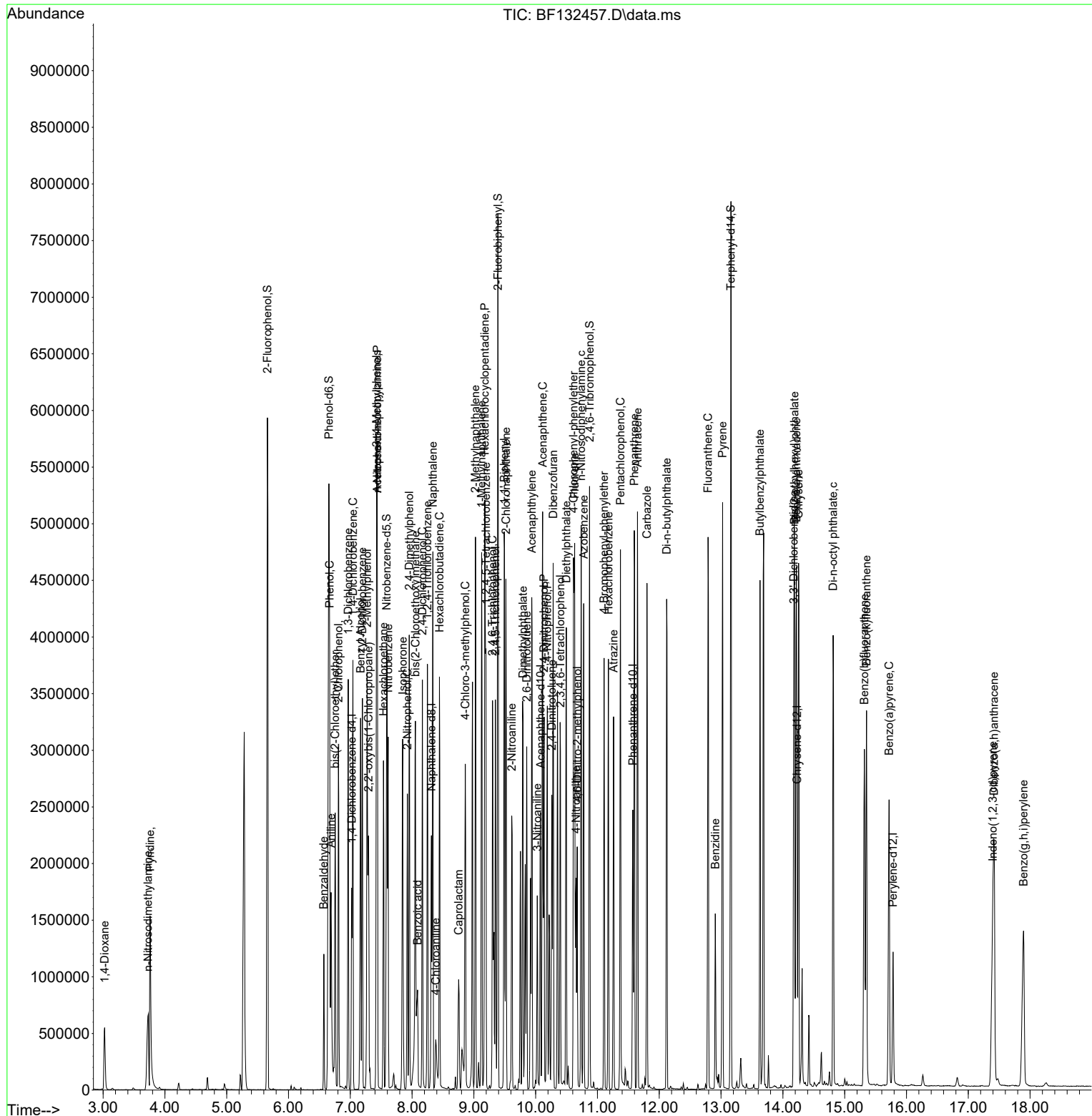
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	491818	39.013	ng	98
46) 1,1'-Biphenyl	9.495	154	1557636	39.690	ng	100
47) 2-Chloronaphthalene	9.519	162	1250878	40.608	ng	100
48) 2-Nitroaniline	9.613	65	451041	41.733	ng	95
49) Acenaphthylene	9.937	152	1905616	38.937	ng	99
50) Dimethylphthalate	9.795	163	1498769	40.138	ng	100
51) 2,6-Dinitrotoluene	9.854	165	348710	42.942	ng	99
52) Acenaphthene	10.113	154	1379711	45.300	ng	99
53) 3-Nitroaniline	10.025	138	260064	27.894	ng	96
54) 2,4-Dinitrophenol	10.137	184	446558	88.011	ng	95
55) Dibenzofuran	10.284	168	1739117	38.485	ng	99
56) 4-Nitrophenol	10.189	139	574475	84.930	ng	89
57) 2,4-Dinitrotoluene	10.260	165	471838	44.140	ng	96
58) Fluorene	10.631	166	1333561	39.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	418008	43.874	ng	99
60) Diethylphthalate	10.495	149	1478688	40.284	ng	98
61) 4-Chlorophenyl-phenyle...	10.613	204	698031	39.015	ng	99
62) 4-Nitroaniline	10.654	138	361564	41.560	ng	96
63) Azobenzene	10.778	77	1615610	39.780	ng	98
65) 4,6-Dinitro-2-methylph...	10.672	198	282436	47.846	ng	89
66) n-Nitrosodiphenylamine	10.736	169	1210063	41.523	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	443249	42.594	ng	98
68) Hexachlorobenzene	11.178	284	486178	44.694	ng	99
69) Atrazine	11.260	200	412695	46.009	ng	99
70) Pentachlorophenol	11.372	266	544608	80.528	ng	98
71) Phenanthrene	11.595	178	1962260	40.127	ng	99
72) Anthracene	11.648	178	2015323	40.089	ng	99
73) Carbazole	11.801	167	1850311	40.889	ng	99
74) Di-n-butylphthalate	12.119	149	2298492	42.644	ng	99
75) Fluoranthene	12.789	202	2153218	39.483	ng	98
77) Benzidine	12.907	184	624992	47.749	ng	98
78) Pyrene	13.025	202	2223300	42.577	ng	99
80) Butylbenzylphthalate	13.630	149	980407	50.316	ng	99
81) Benzo(a)anthracene	14.219	228	1911758	42.464	ng	100
82) 3,3'-Dichlorobenzidine	14.177	252	471510	39.210	ng	# 98
83) Chrysene	14.254	228	1763998	41.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	1323074	52.453	ng	# 97
85) Di-n-octyl phthalate	14.813	149	2162408	59.039	ng	99
87) Indeno(1,2,3-cd)pyrene	17.395	276	1564692	48.325	ng	100
88) Benzo(b)fluoranthene	15.319	252	1703108	51.130	ng	100
89) Benzo(k)fluoranthene	15.354	252	1502110	45.063	ng	99
90) Benzo(a)pyrene	15.719	252	1366728	44.151	ng	99
91) Dibenzo(a,h)anthracene	17.418	278	1283588	48.131	ng	98
92) Benzo(g,h,i)perylene	17.895	276	1328991	48.525	ng	98

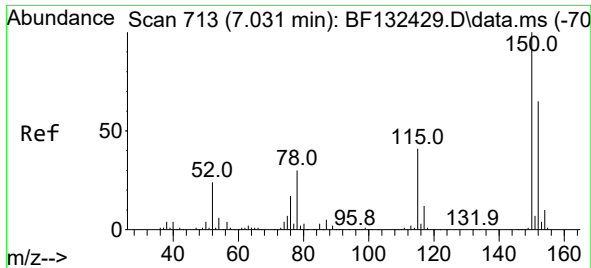
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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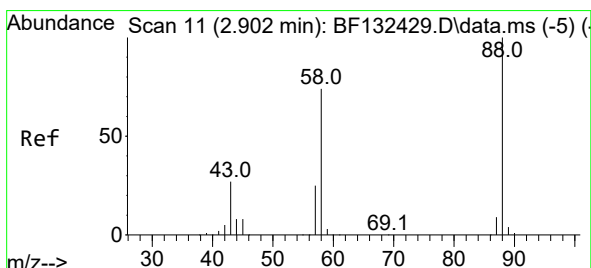
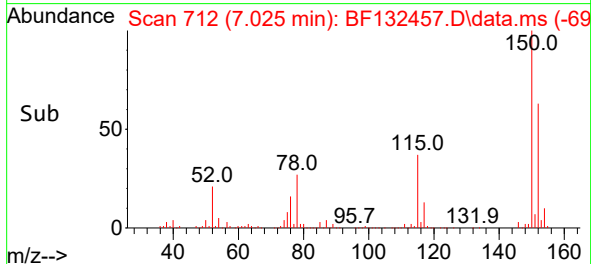
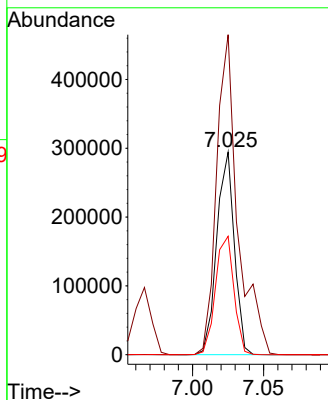
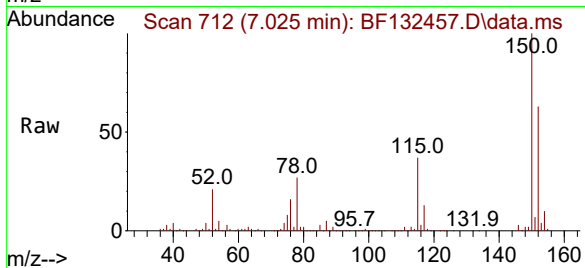




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132457.D
 Acq: 17 Feb 2023 18:59

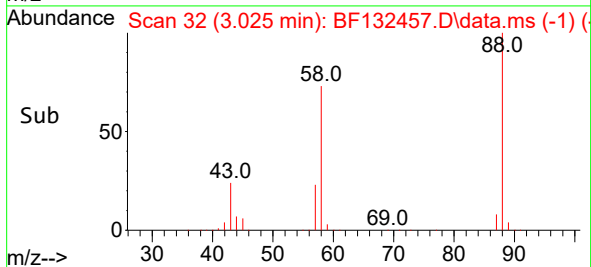
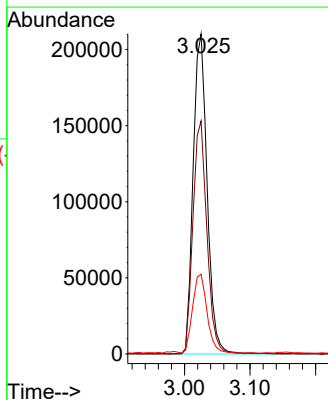
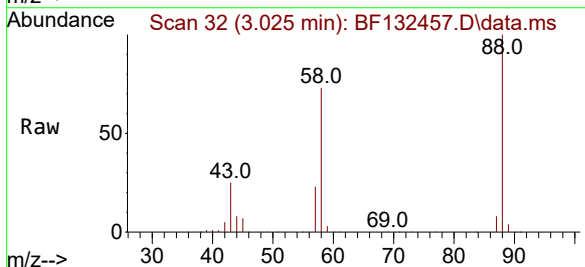
Instrument :
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 ClientSampleId :
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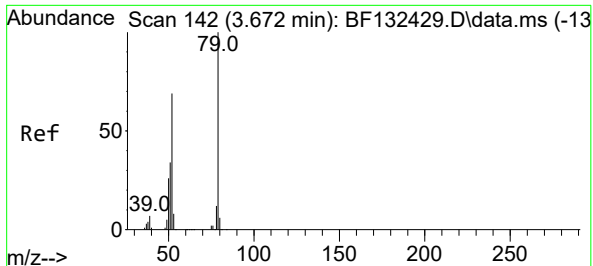
Tgt Ion:152 Resp: 253273
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.8 185.8
 115 58.4 50.4 75.6



#2
 1,4-Dioxane
 Concen: 36.465 ng
 RT: 3.025 min Scan# 32
 Delta R.T. 0.124 min
 Lab File: BF132457.D
 Acq: 17 Feb 2023 18:59

Tgt Ion: 88 Resp: 311799
 Ion Ratio Lower Upper
 88 100
 58 73.3 60.1 90.1
 43 25.5 21.5 32.3

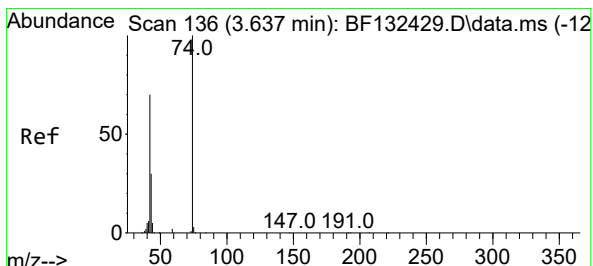
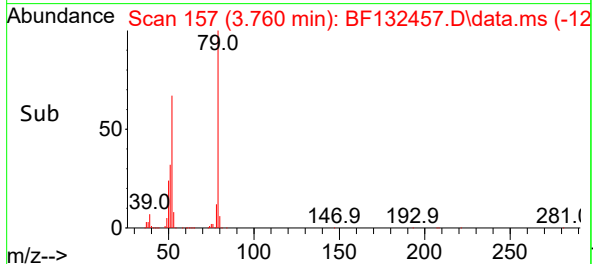
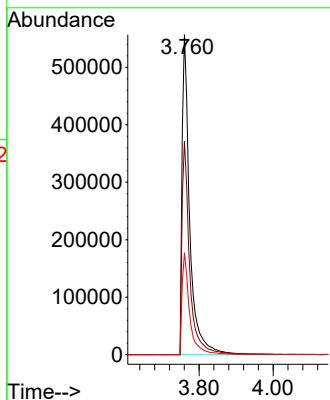
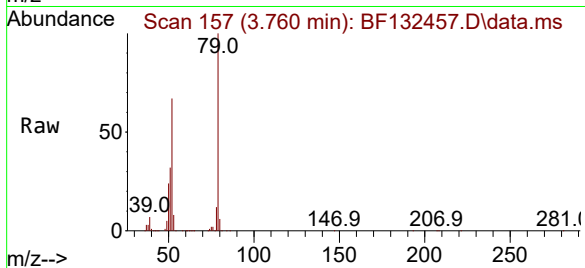




#3
Pyridine
Concen: 34.743 ng
RT: 3.760 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

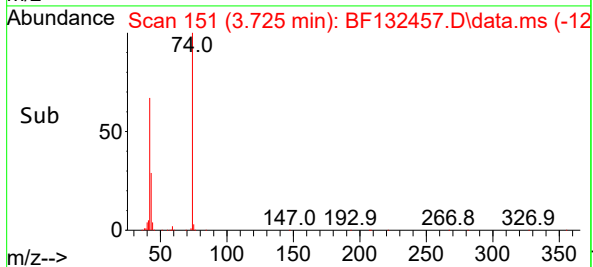
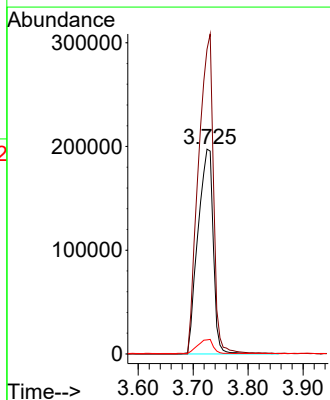
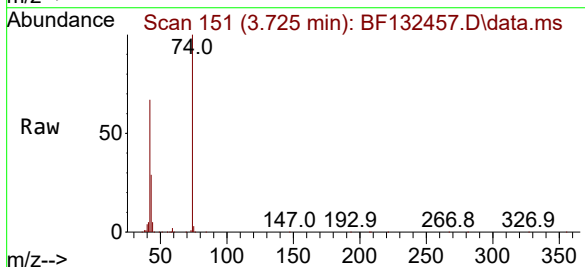
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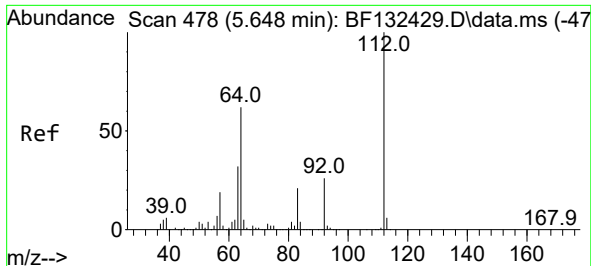
Tgt Ion: 79 Resp: 806384
Ion Ratio Lower Upper
79 100
52 66.8 55.0 82.6
51 31.8 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 41.643 ng
RT: 3.725 min Scan# 151
Delta R.T. 0.083 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 42 Resp: 381620
Ion Ratio Lower Upper
42 100
74 148.7 115.1 172.7
44 6.9 5.7 8.5

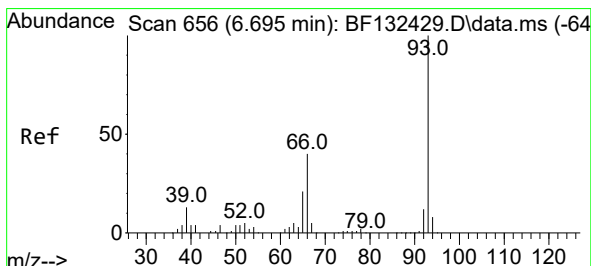
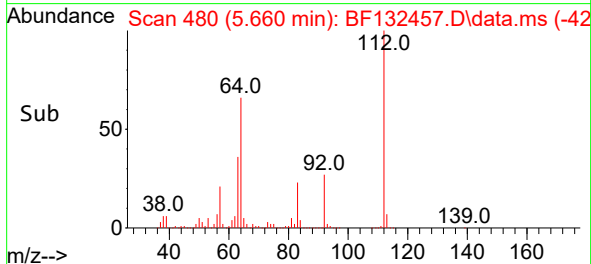
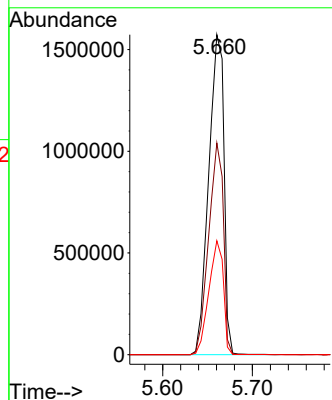
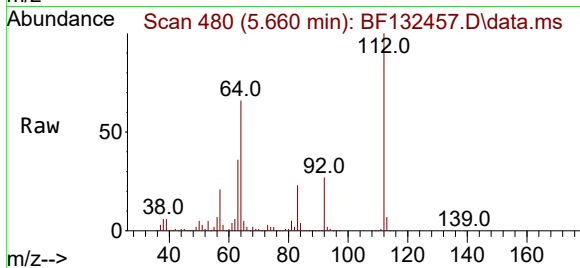




#5
2-Fluorophenol
Concen: 117.560 ng
RT: 5.660 min Scan# 478
Delta R.T. 0.018 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

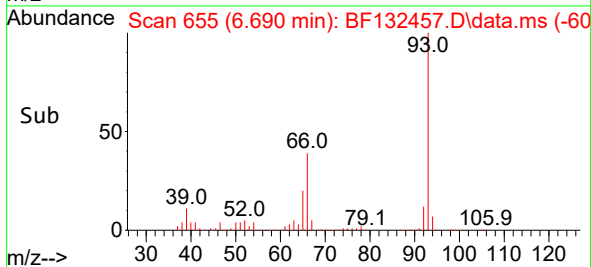
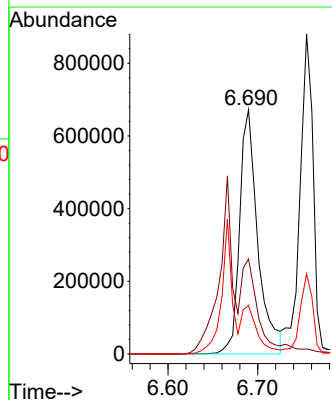
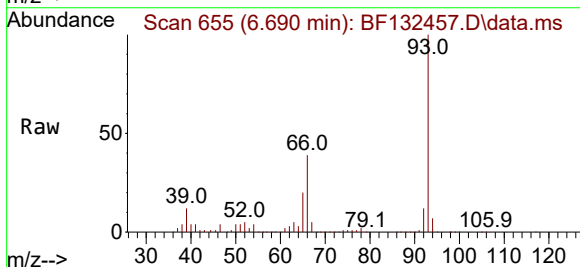
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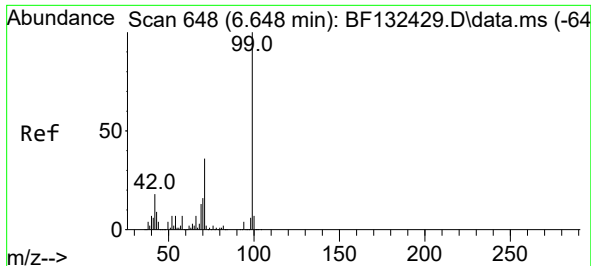
Tgt Ion:112 Resp: 1858184
Ion Ratio Lower Upper
112 100
64 66.1 49.7 74.5
63 35.6 25.8 38.8



#6
Aniline
Concen: 33.023 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 93 Resp: 949507
Ion Ratio Lower Upper
93 100
66 39.0 32.7 49.1
65 19.9 17.1 25.7



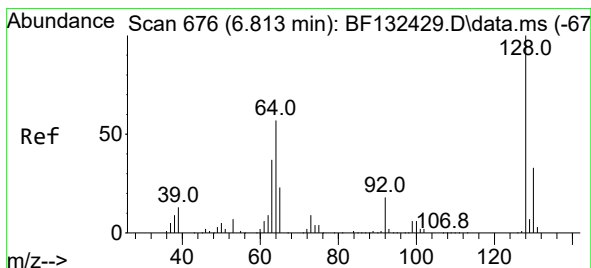
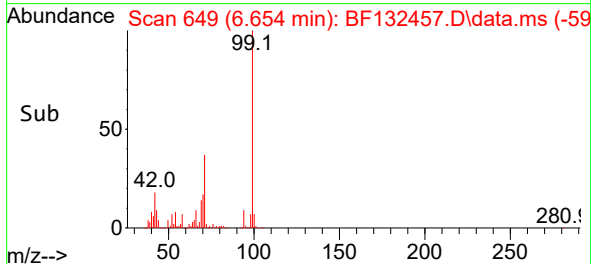
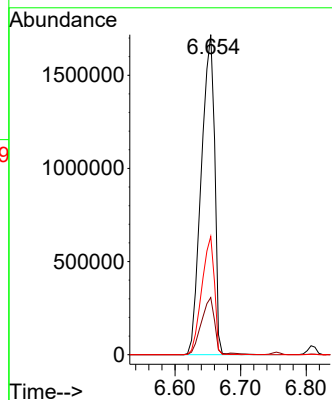
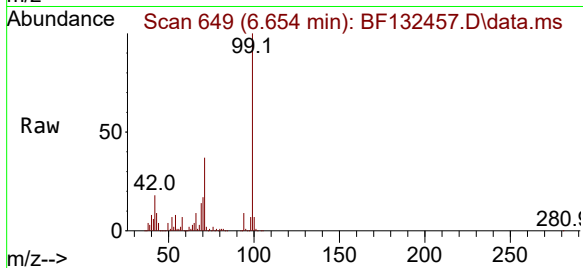


#7
Phenol-d6
Concen: 118.000 ng
RT: 6.654 min Scan# 649
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 2435420

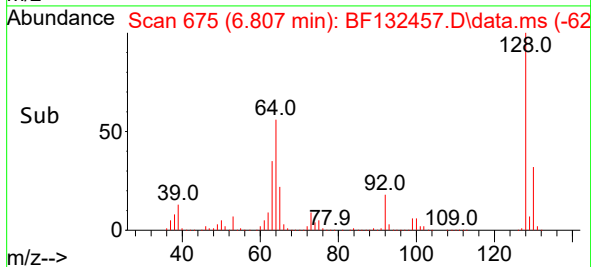
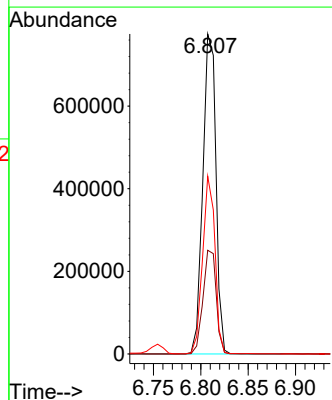
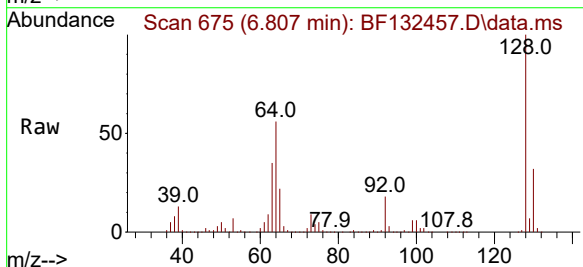
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	36.9	28.7	43.1

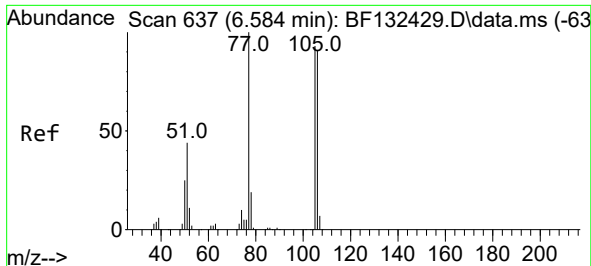


#8
2-Chlorophenol
Concen: 46.070 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 128 Resp: 743398

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	55.6	37.9	77.9

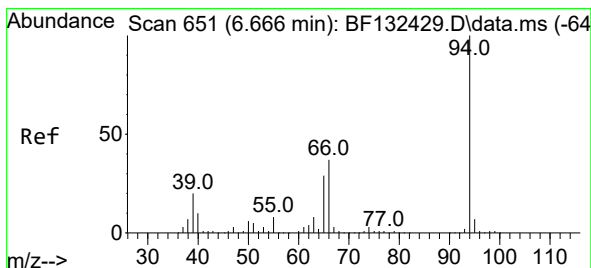
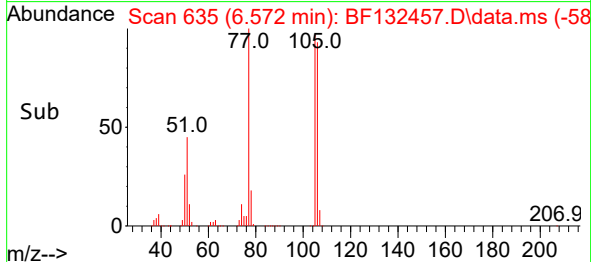
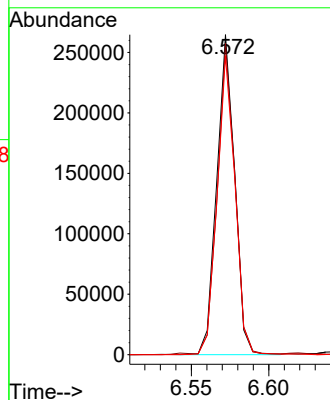
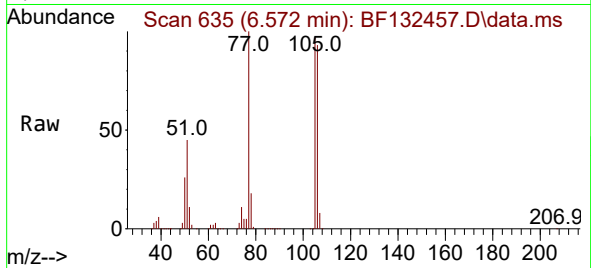




#9
Benzaldehyde
Concen: 19.240 ng
RT: 6.572 min Scan# 61
Delta R.T. -0.006 min
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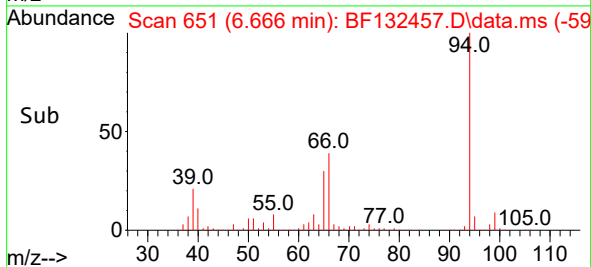
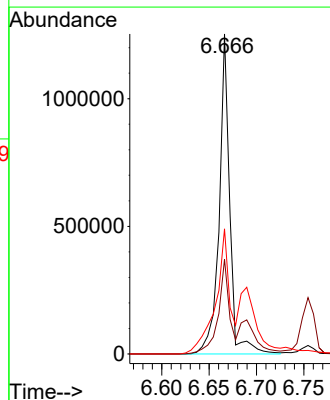
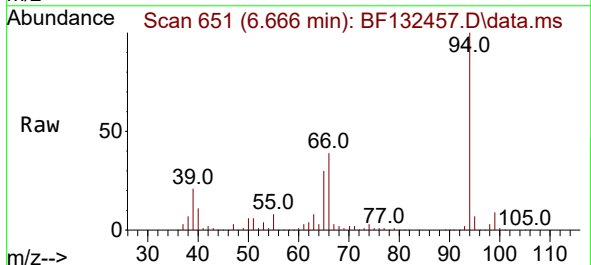
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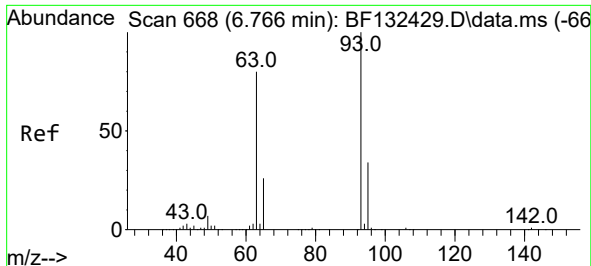
Tgt Ion: 77 Resp: 212313
Ion Ratio Lower Upper
77 100
105 97.2 73.2 113.2
106 93.4 71.5 111.5



#10
Phenol
Concen: 44.338 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 94 Resp: 969773
Ion Ratio Lower Upper
94 100
65 29.6 9.0 49.0
66 39.1 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 47.349 ng

RT: 6.754 min Scan# 6

Delta R.T. -0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

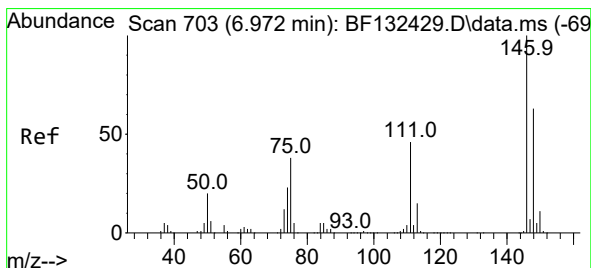
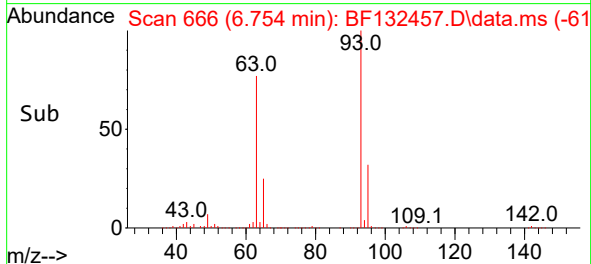
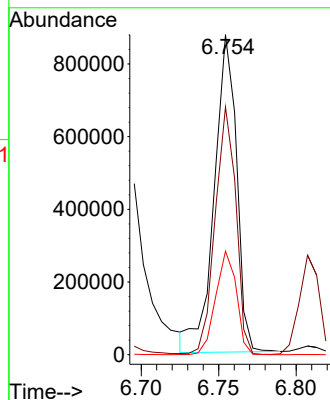
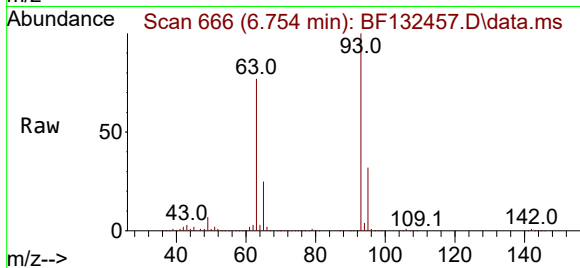
Tgt Ion: 93 Resp: 878461

Ion Ratio Lower Upper

93 100

63 77.5 58.6 98.6

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 43.509 ng

RT: 6.966 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

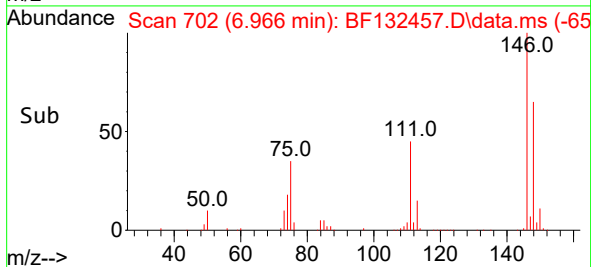
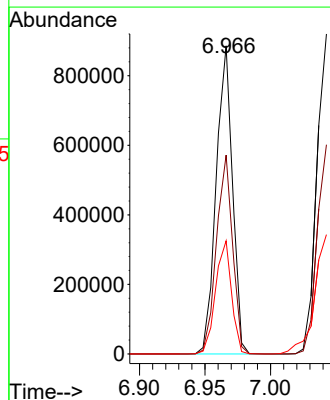
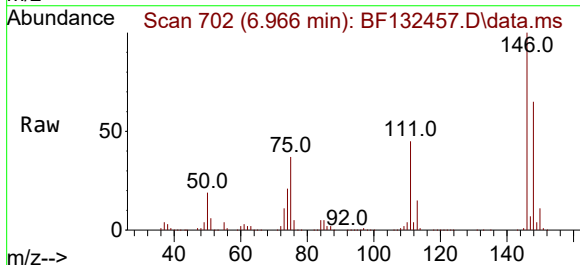
Tgt Ion:146 Resp: 764816

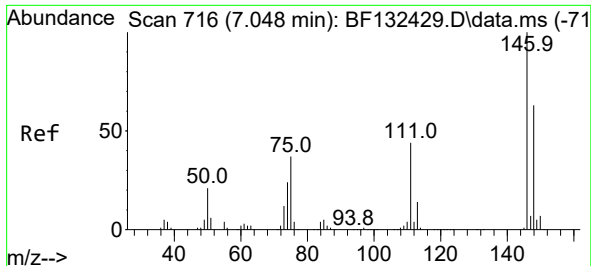
Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

75 36.7 30.3 45.5





#13

1,4-Dichlorobenzene

Concen: 43.287 ng

RT: 7.043 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

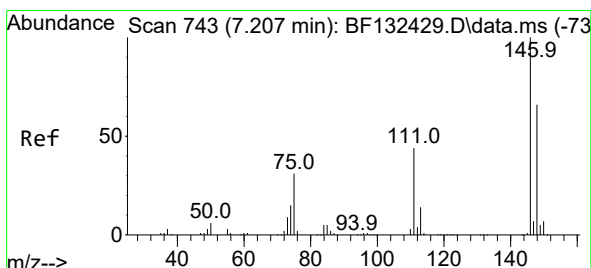
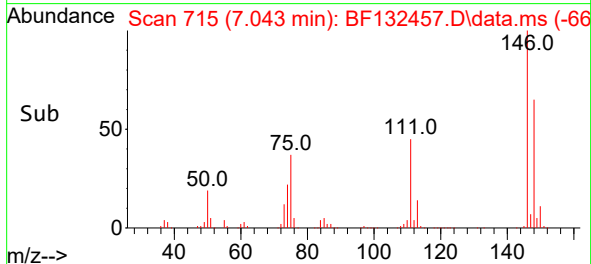
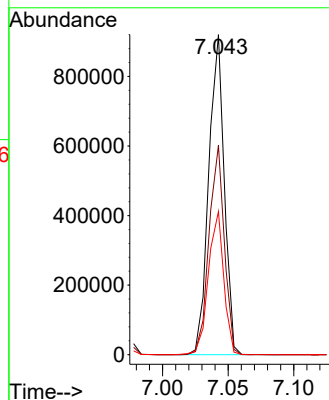
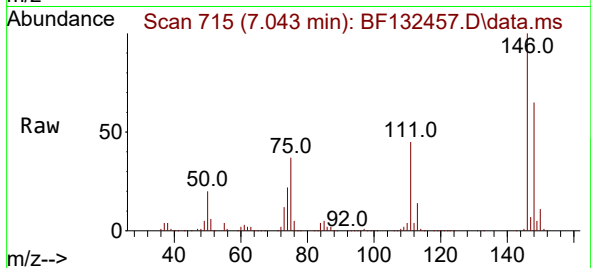
Tgt Ion:146 Resp: 759039

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

111 44.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 46.087 ng

RT: 7.196 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

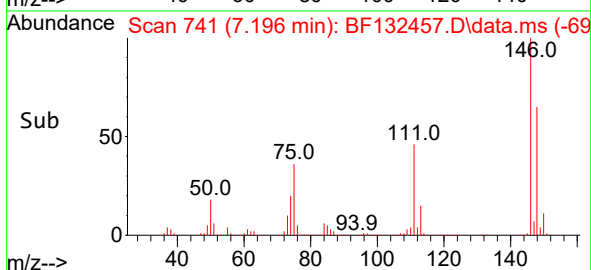
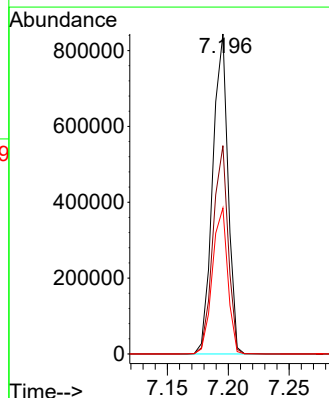
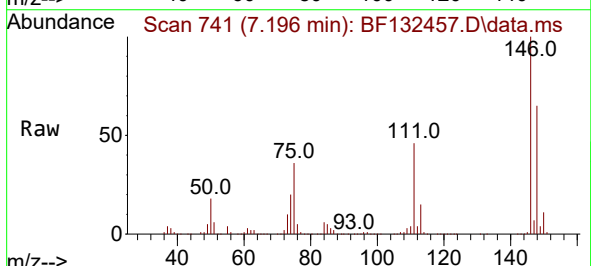
Tgt Ion:146 Resp: 740402

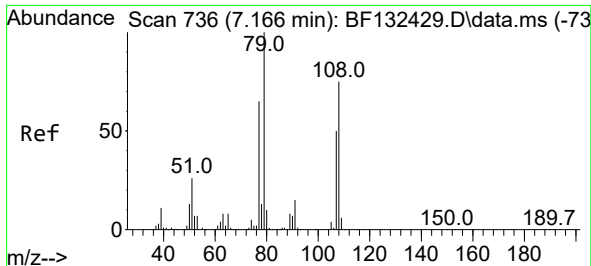
Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

111 45.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 45.127 ng

RT: 7.166 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

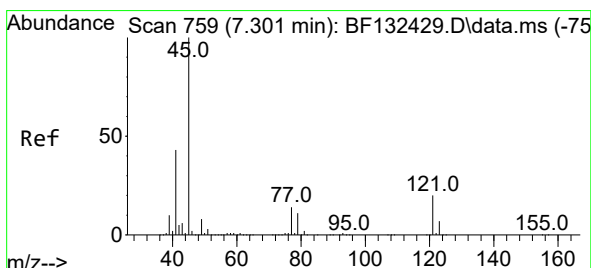
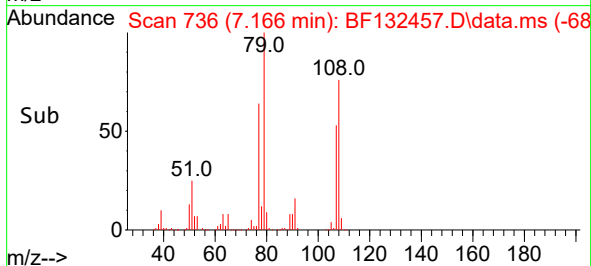
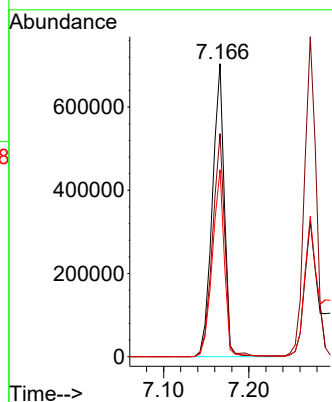
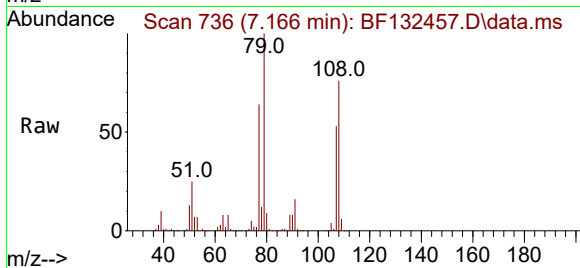
Tgt Ion: 79 Resp: 688922

Ion Ratio Lower Upper

79 100

108 76.1 59.8 89.6

77 63.8 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.703 ng

RT: 7.296 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

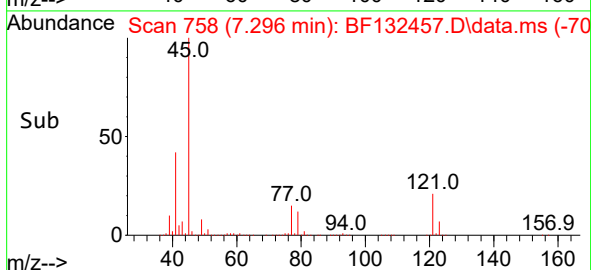
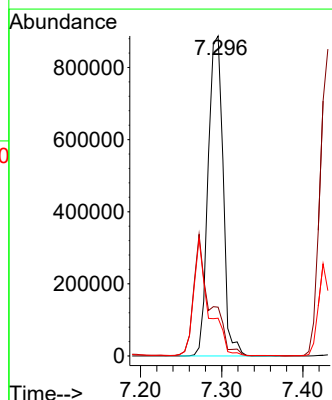
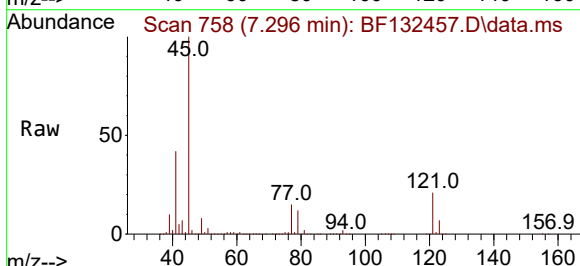
Tgt Ion: 45 Resp: 1127378

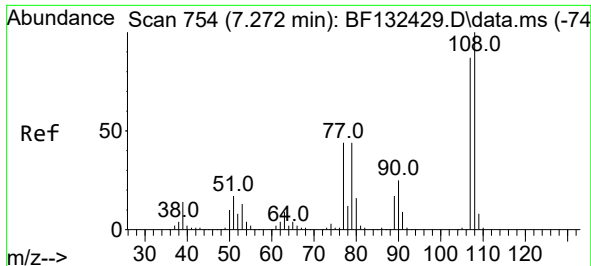
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.3

79 11.8 0.0 31.3



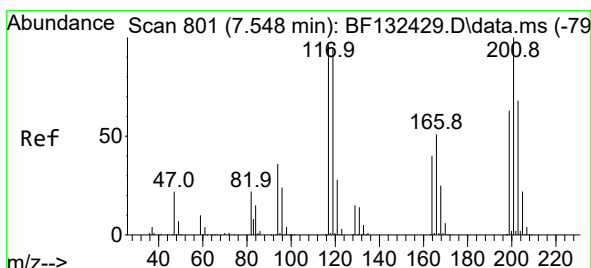
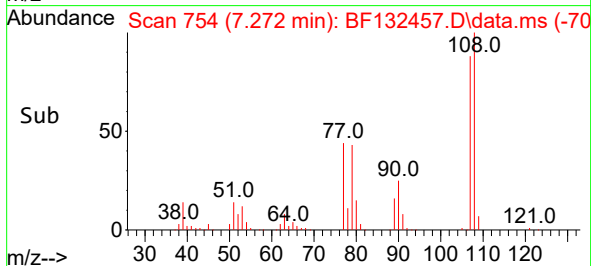
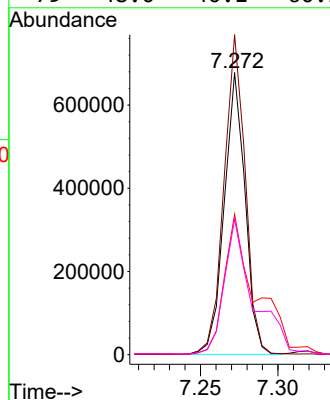
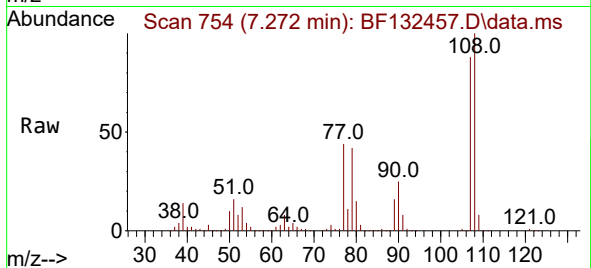


#17
2-Methylphenol
Concen: 41.196 ng
RT: 7.272 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Instrument :
BNA_F
ClientSampleId :
PB150925BSD

Tgt Ion:107 Resp: 632819

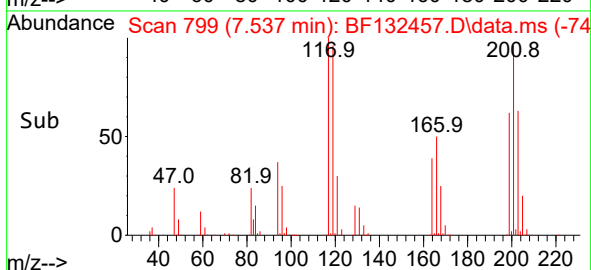
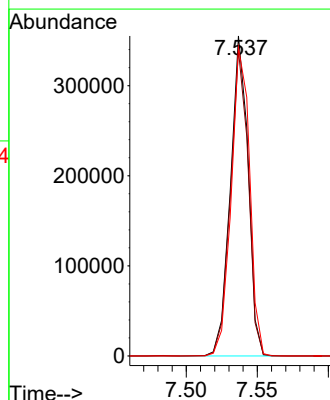
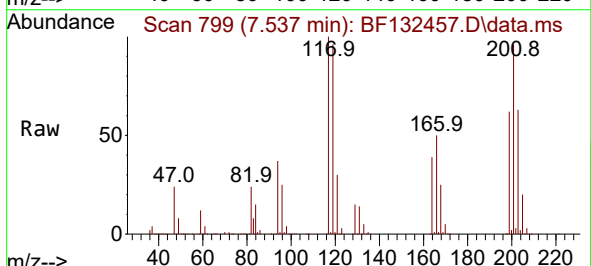
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	49.7	40.7	61.1
79	48.0	40.1	60.1

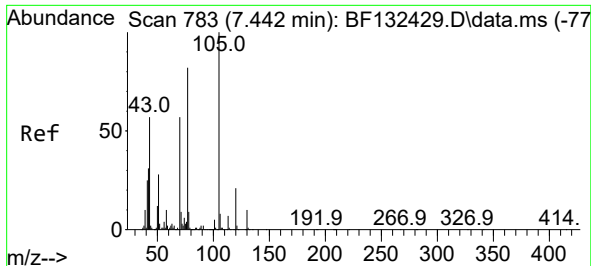


#18
Hexachloroethane
Concen: 46.692 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:117 Resp: 309144

Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.8	118.2
201	96.5	83.5	125.3

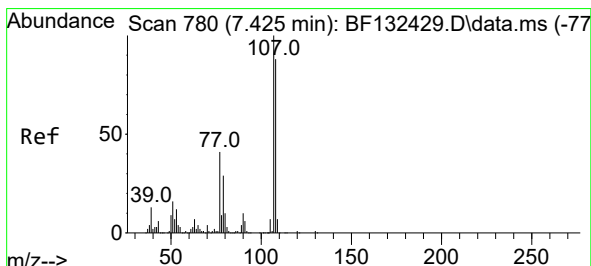
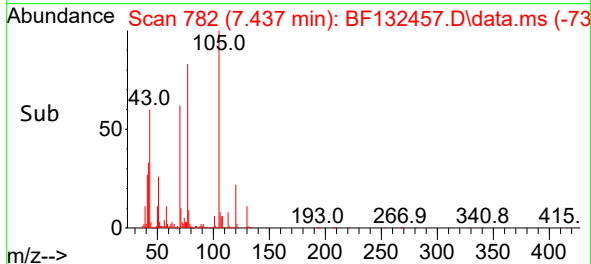
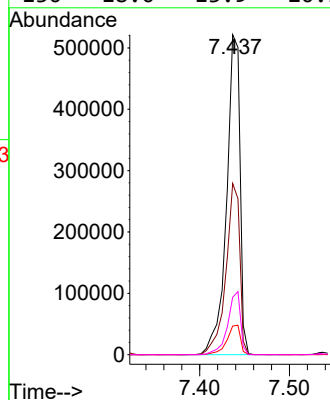
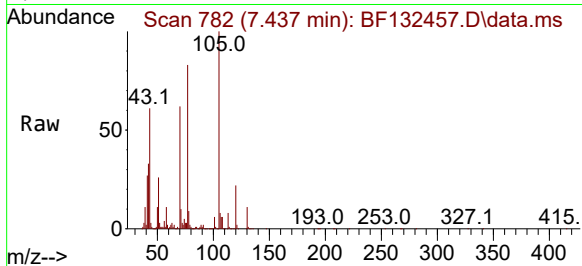




#19
n-Nitroso-di-n-propylamine
Concen: 43.050 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

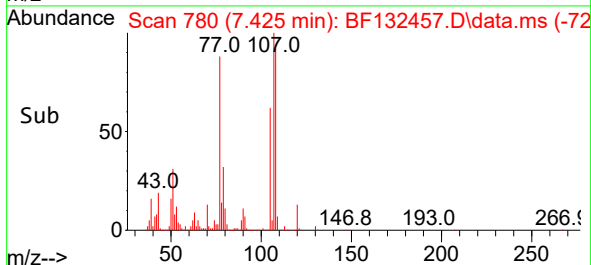
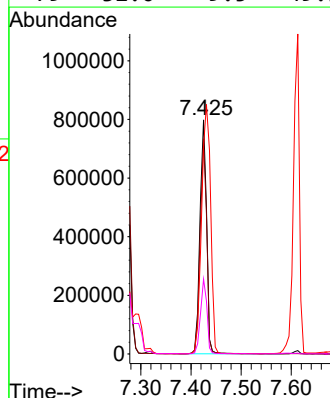
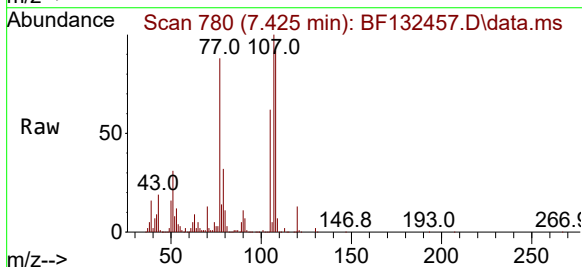
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

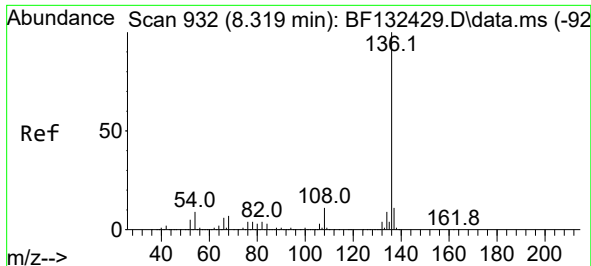
Tgt Ion: 70 Resp: 544707
Ion Ratio Lower Upper
70 100
42 53.5 43.5 65.3
101 9.0 7.3 10.9
130 18.0 13.9 20.9



#20
3+4-Methylphenols
Concen: 38.532 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 107 Resp: 730785
Ion Ratio Lower Upper
107 100
108 91.9 68.1 108.1
77 88.5 21.3 61.3#
79 32.0 9.5 49.5

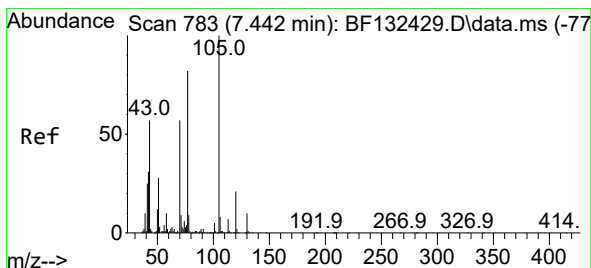
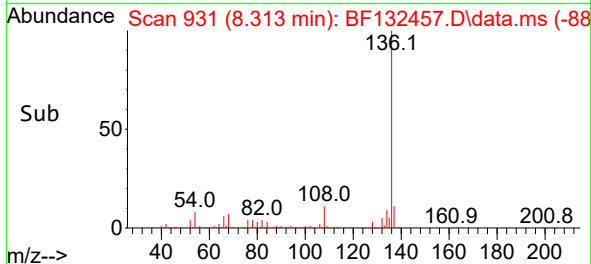
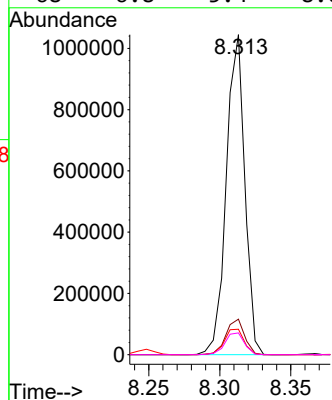
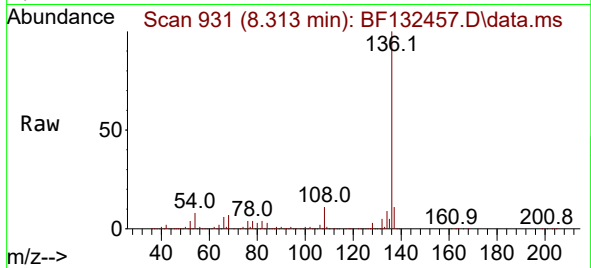




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

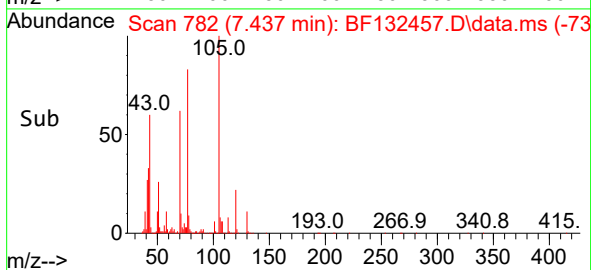
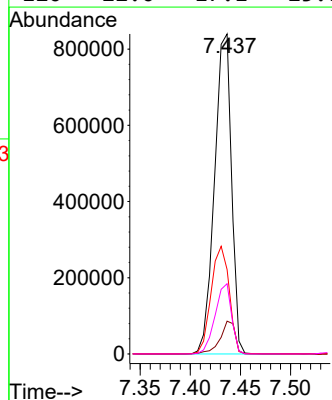
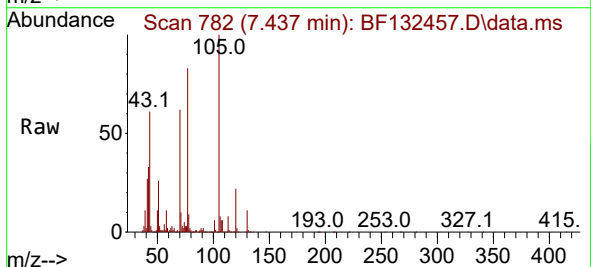
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

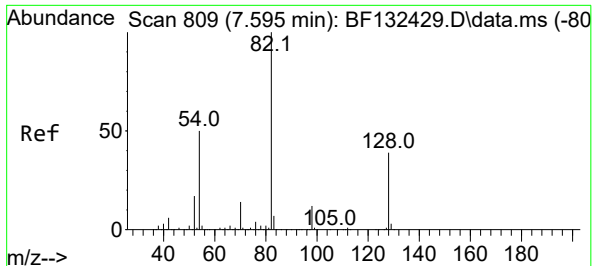
Tgt Ion:136 Resp: 946456
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 6.9 10.3
68 6.8 5.4 8.0



#22
Acetophenone
Concen: 40.301 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:105 Resp: 988559
Ion Ratio Lower Upper
105 100
71 10.2 7.3 10.9
51 26.4 22.2 33.2
120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 83.289 ng

RT: 7.590 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

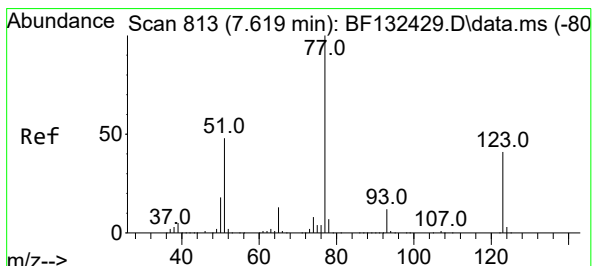
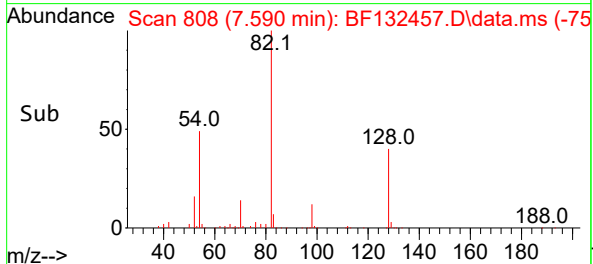
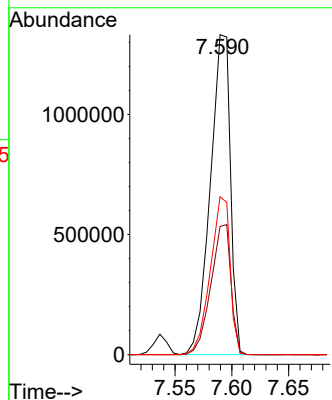
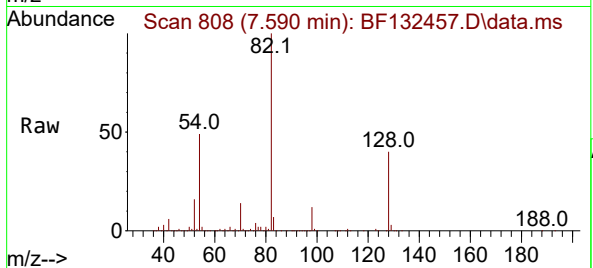
Tgt Ion: 82 Resp: 1640599

Ion Ratio Lower Upper

82 100

128 40.0 30.8 46.2

54 49.4 40.2 60.4



#24

Nitrobenzene

Concen: 41.207 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

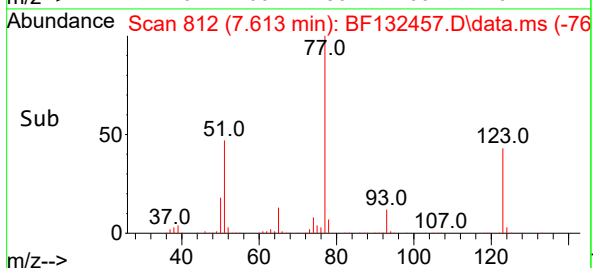
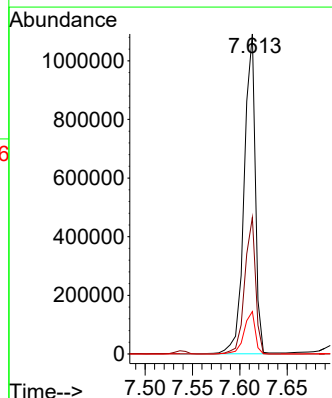
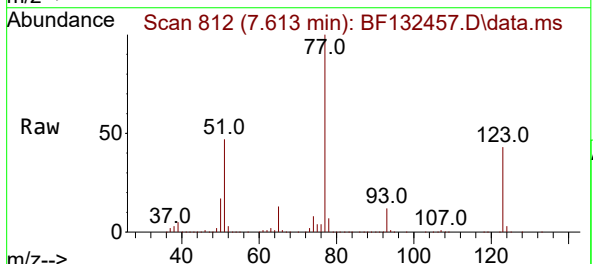
Tgt Ion: 77 Resp: 889914

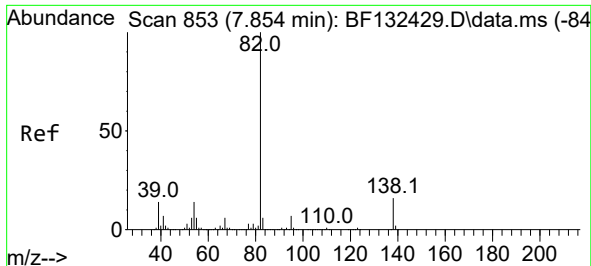
Ion Ratio Lower Upper

77 100

123 42.6 33.2 49.8

65 13.3 10.4 15.6

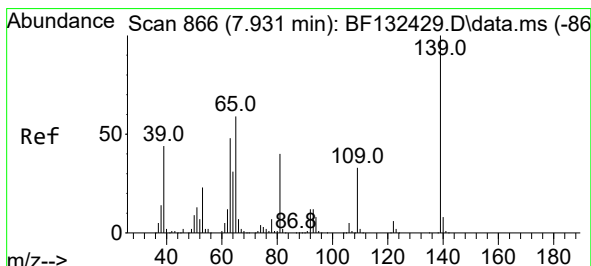
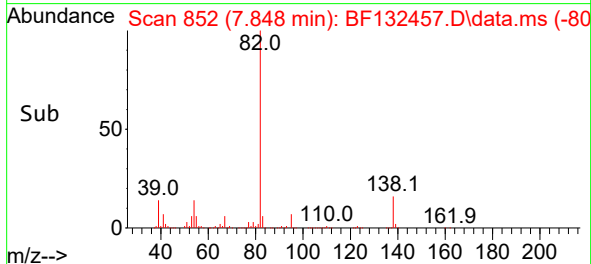
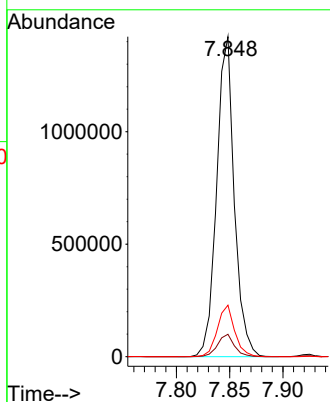
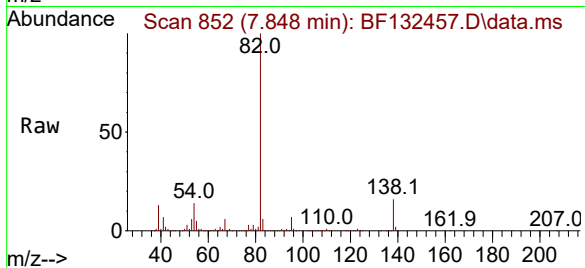




#25
Isophorone
Concen: 42.200 ng
RT: 7.848 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

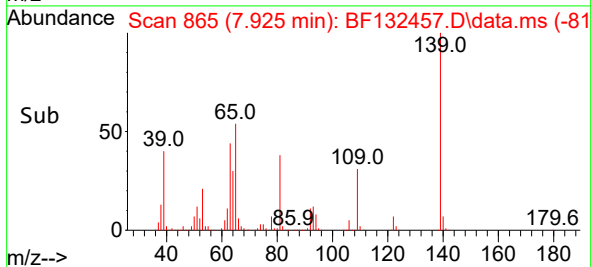
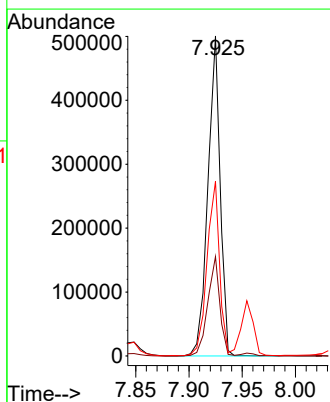
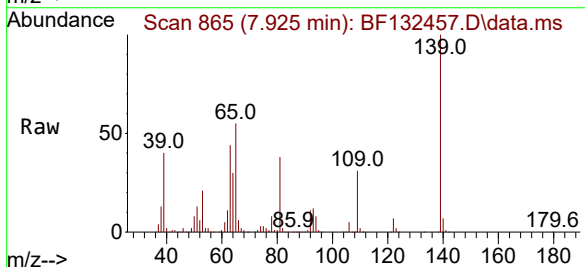
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

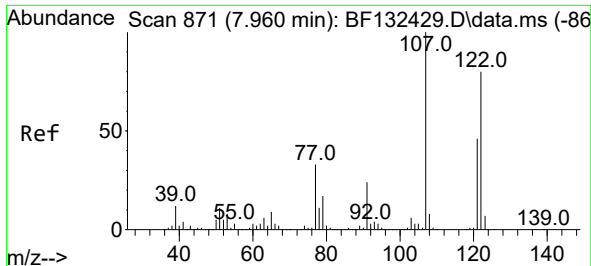
Tgt Ion: 82 Resp: 1633381
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.1 12.7 19.1



#26
2-Nitrophenol
Concen: 47.975 ng
RT: 7.925 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:139 Resp: 402759
Ion Ratio Lower Upper
139 100
109 31.1 26.3 39.5
65 54.6 47.4 71.0

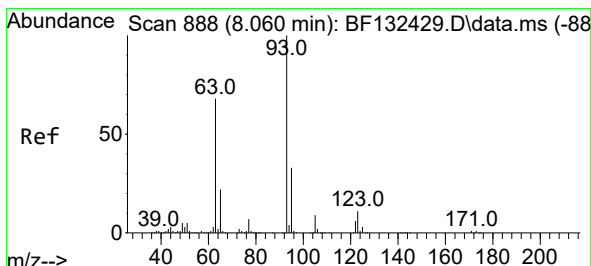
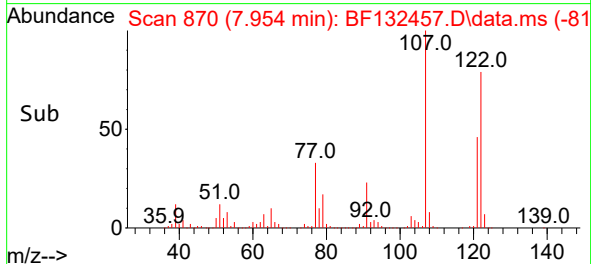
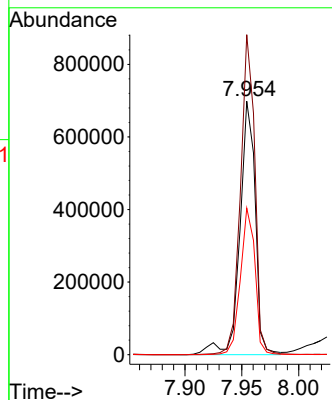
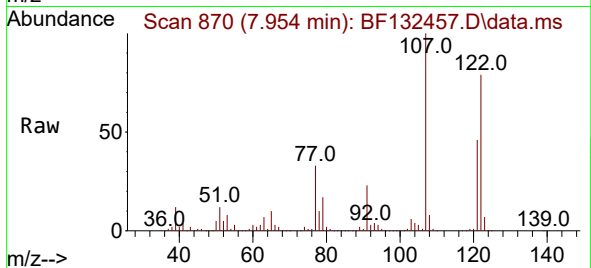




#27
2,4-Dimethylphenol
Concen: 43.137 ng
RT: 7.954 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

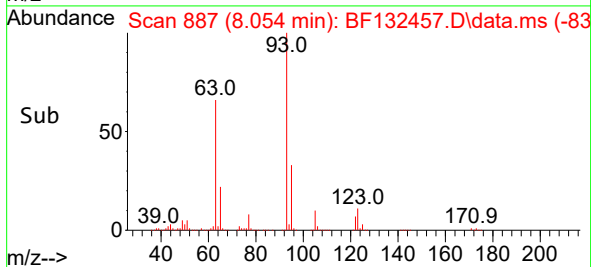
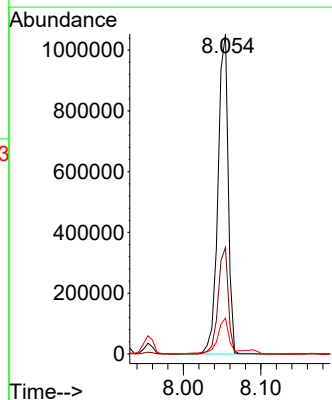
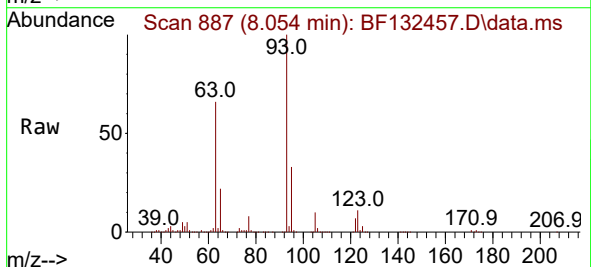
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

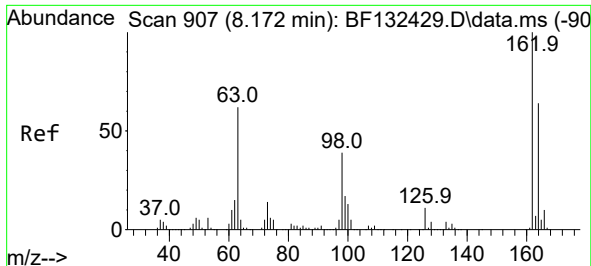
Tgt Ion:122 Resp: 653859
Ion Ratio Lower Upper
122 100
107 126.3 99.9 149.9
121 57.8 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.605 ng
RT: 8.054 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 93 Resp: 963679
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.484 ng

RT: 8.166 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

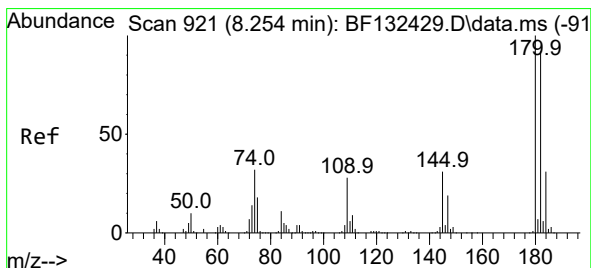
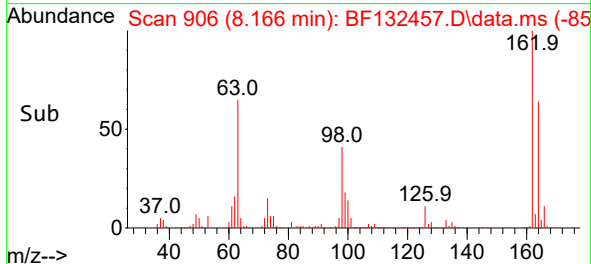
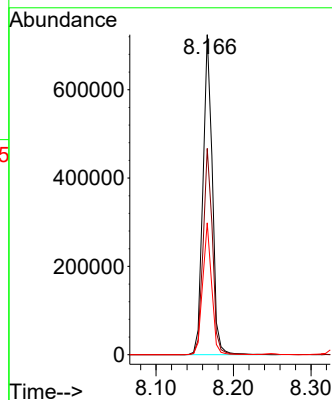
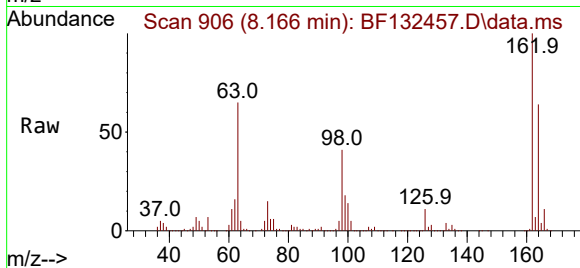
Tgt Ion:162 Resp: 607521

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

98 41.2 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 42.859 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

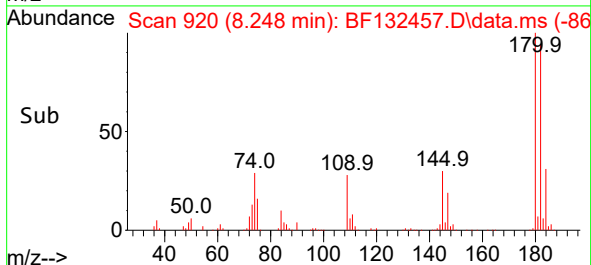
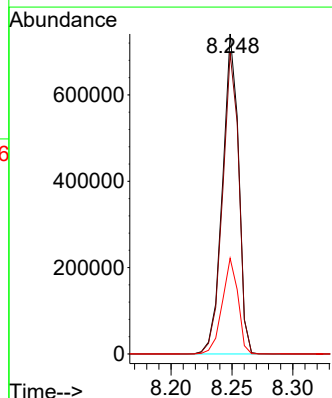
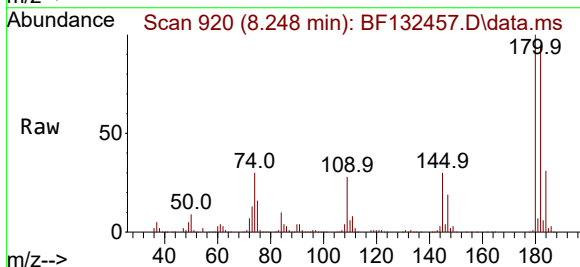
Tgt Ion:180 Resp: 681609

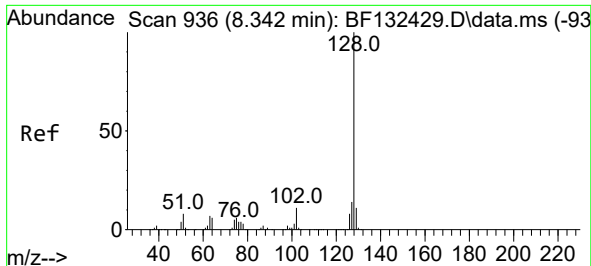
Ion Ratio Lower Upper

180 100

182 94.1 73.8 110.8

145 29.9 24.4 36.6

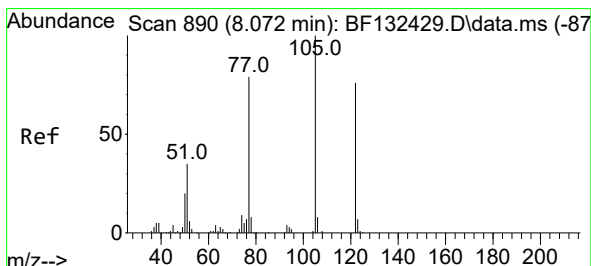
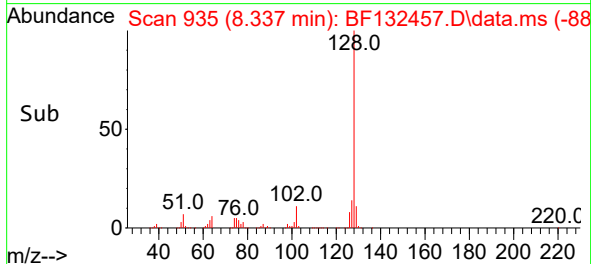
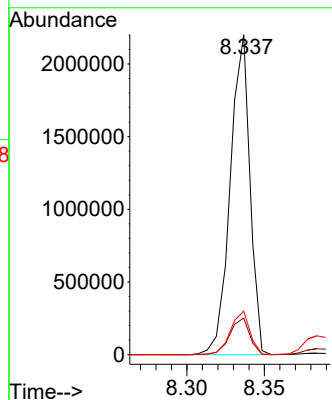
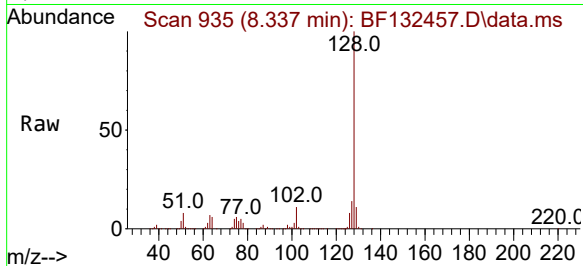




#31
Naphthalene
Concen: 39.646 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

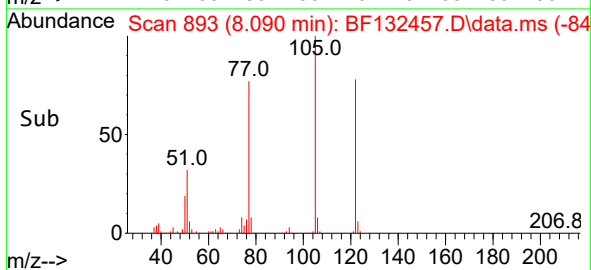
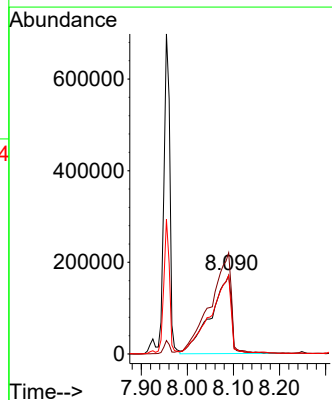
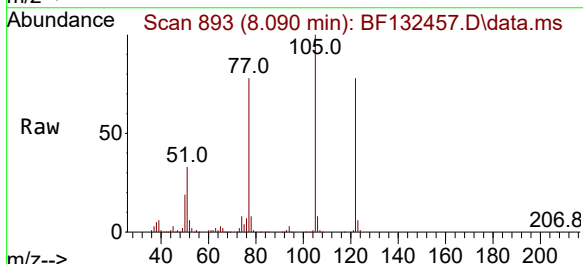
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

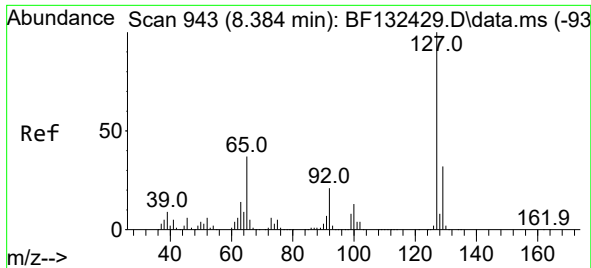
Tgt Ion:128 Resp: 1947330
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 49.255 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.012 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:122 Resp: 541549
Ion Ratio Lower Upper
122 100
105 128.5 109.7 149.7
77 99.9 83.8 123.8

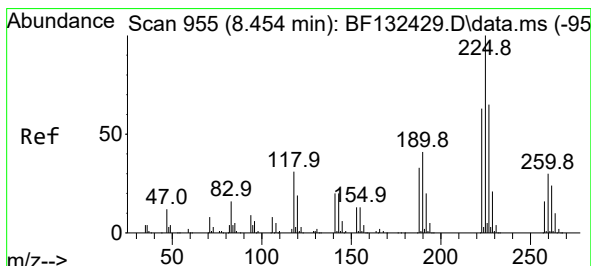
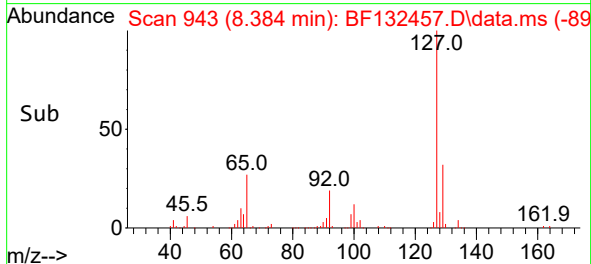
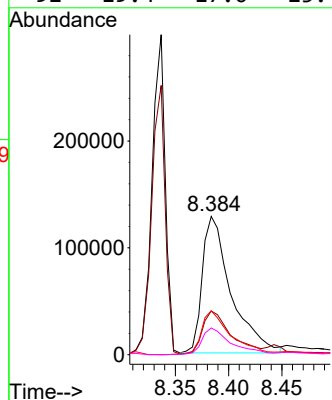
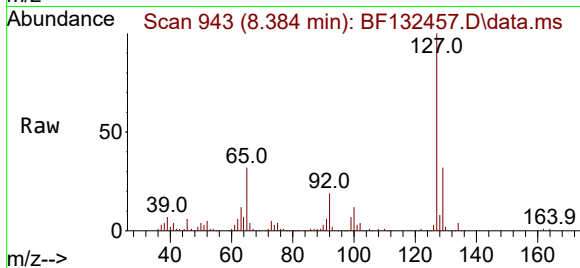




#33
4-Chloroaniline
Concen: 11.828 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

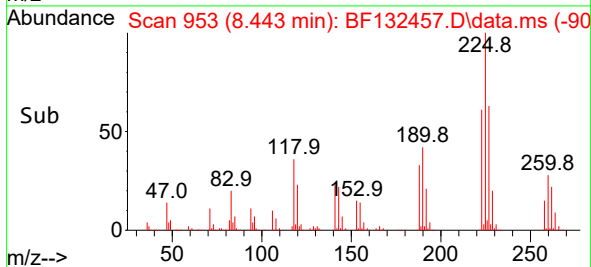
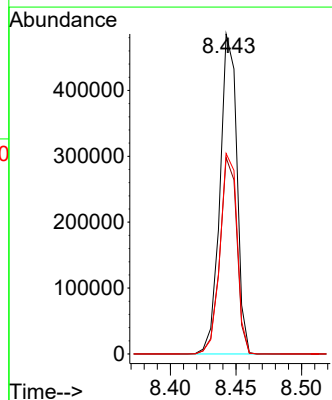
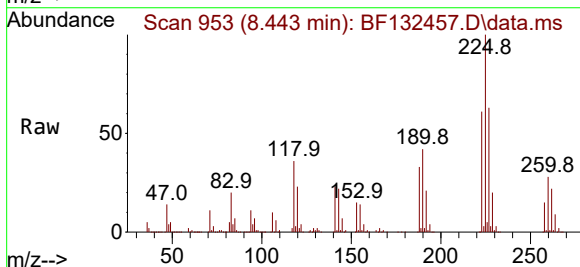
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

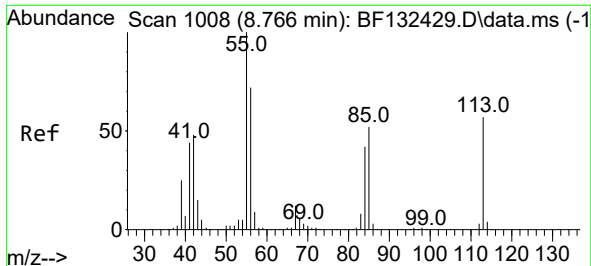
Tgt Ion:	127	Resp:	241373
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.7	29.8	44.6
92	19.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 43.224 ng
RT: 8.443 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:	225	Resp:	433981
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	62.6	52.2	78.4

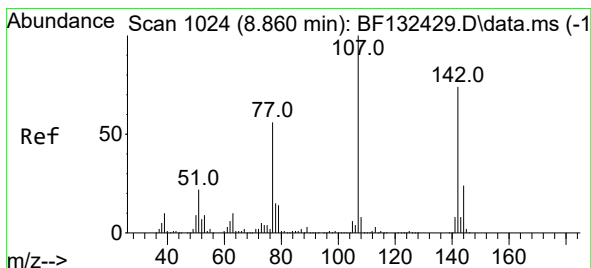
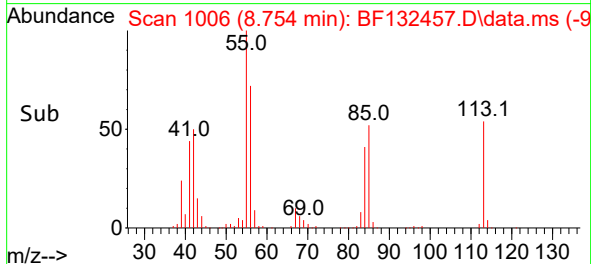
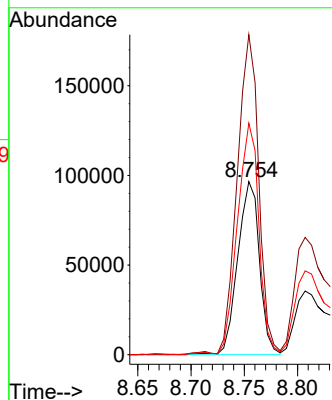
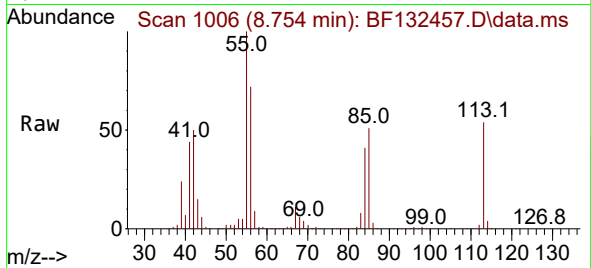




#35
Caprolactam
Concen: 29.529 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

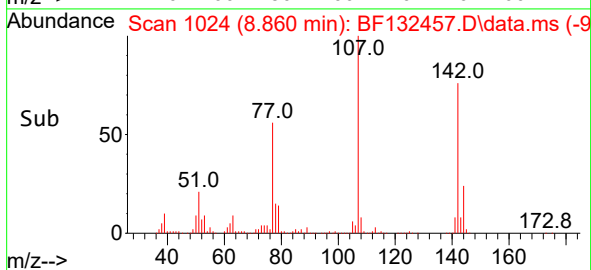
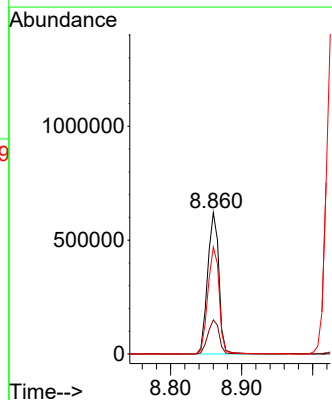
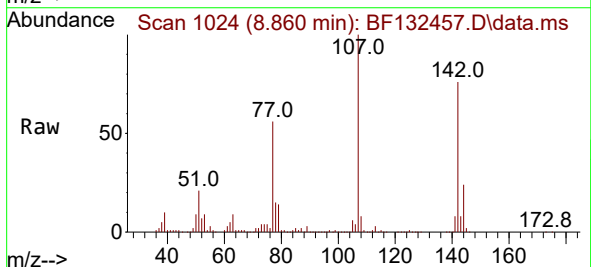
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

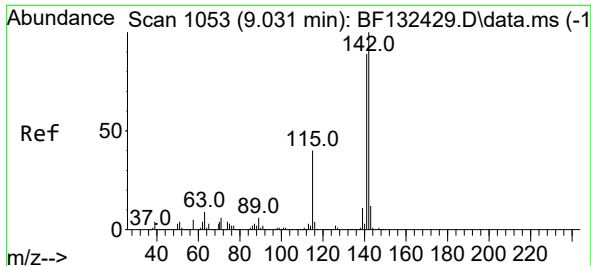
Tgt Ion:113 Resp: 137087
Ion Ratio Lower Upper
113 100
55 184.8 155.8 195.8
56 133.7 107.3 147.3



#36
4-Chloro-3-methylphenol
Concen: 42.942 ng
RT: 8.860 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:107 Resp: 687088
Ion Ratio Lower Upper
107 100
144 24.1 18.8 28.2
142 75.7 58.8 88.2

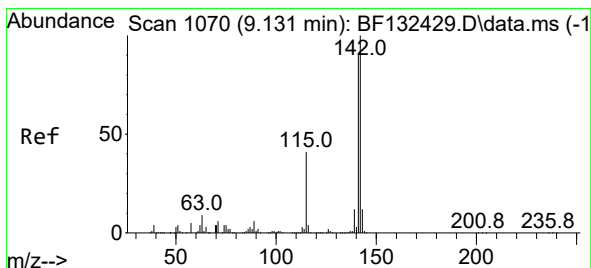
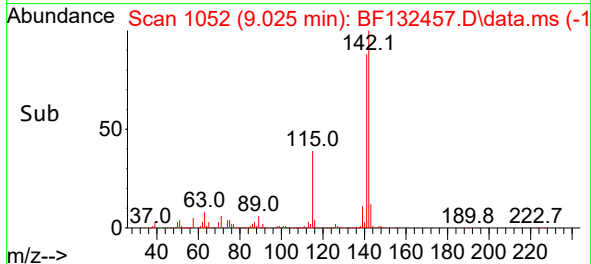
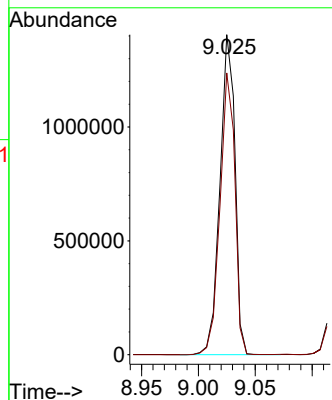
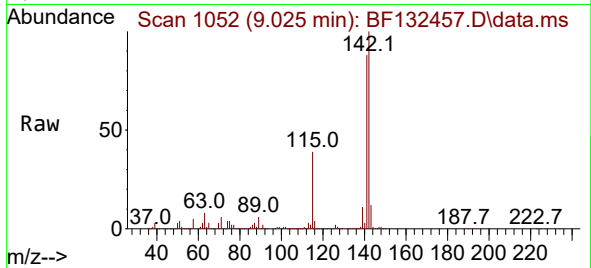




#37
2-Methylnaphthalene
Concen: 39.108 ng
RT: 9.025 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

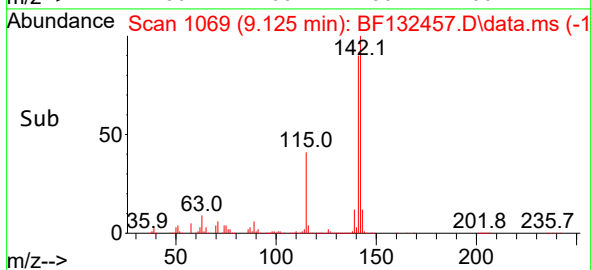
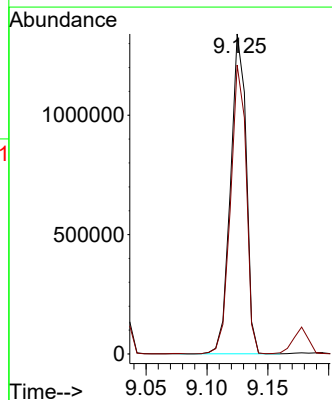
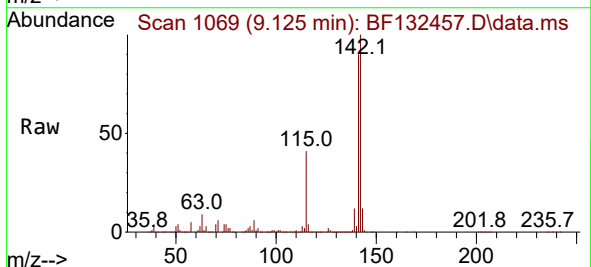
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

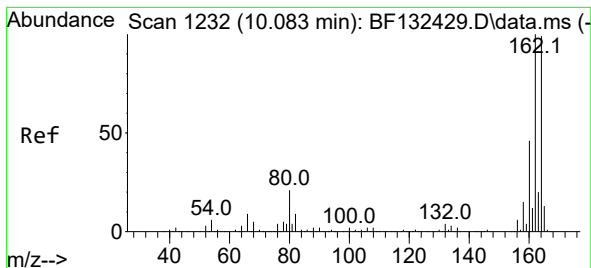
Tgt Ion:142 Resp: 1292764
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.813 ng
RT: 9.125 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:142 Resp: 1205364
Ion Ratio Lower Upper
142 100
141 90.3 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

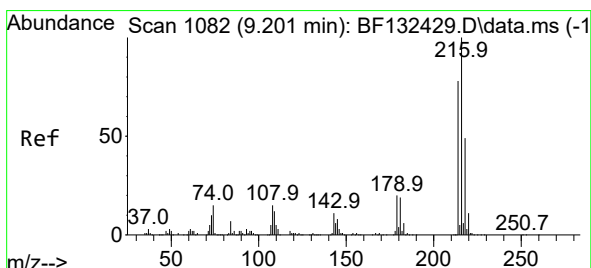
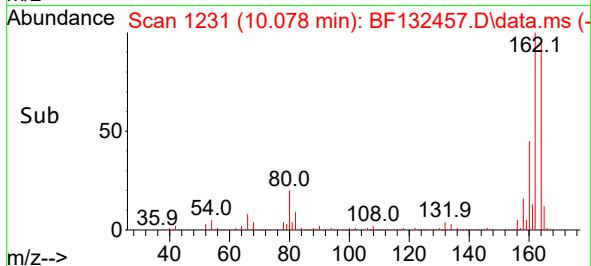
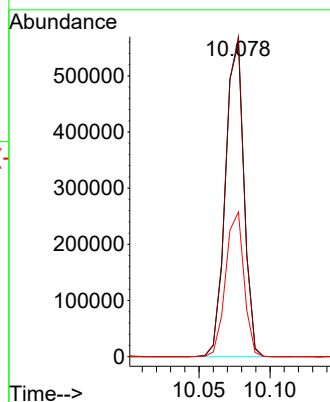
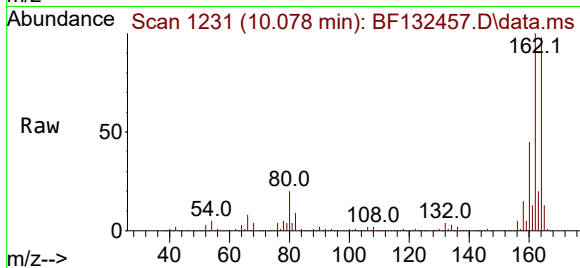
Tgt Ion:164 Resp: 507057

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

160 46.0 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.254 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Tgt Ion:216 Resp: 661386

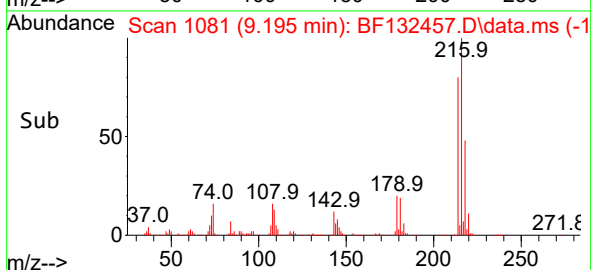
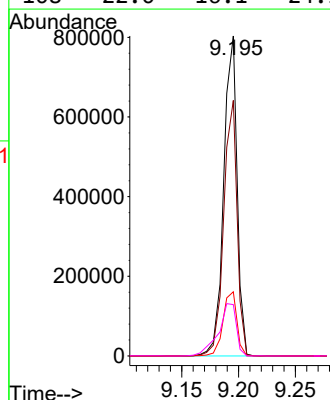
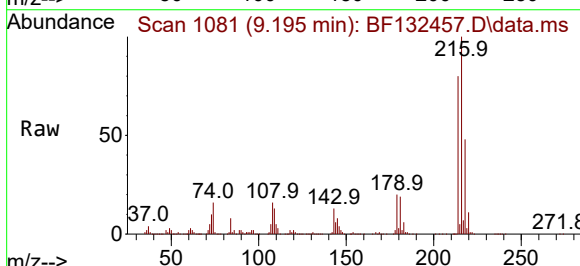
Ion Ratio Lower Upper

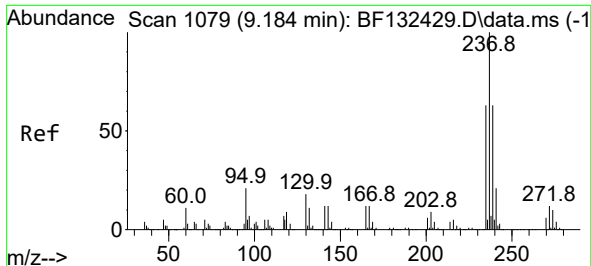
216 100

214 79.8 63.4 95.2

179 20.8 16.4 24.6

108 22.0 16.1 24.1

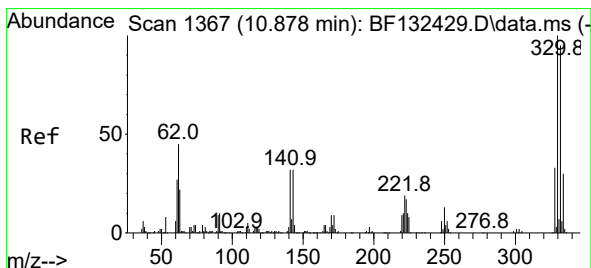
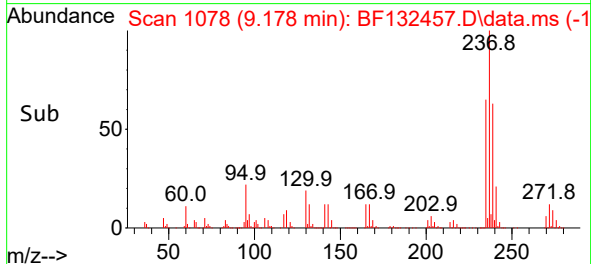
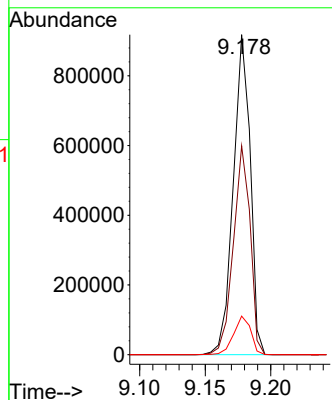
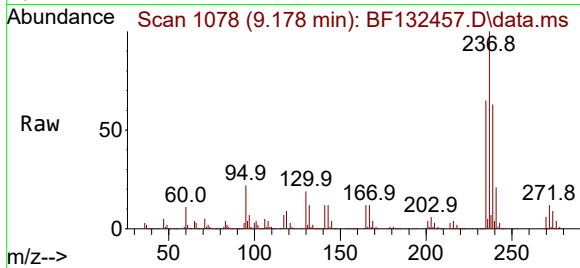




#41
Hexachlorocyclopentadiene
Concen: 91.536 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

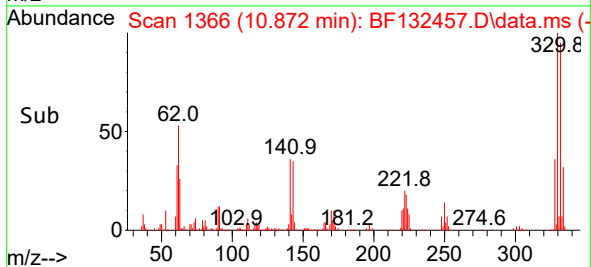
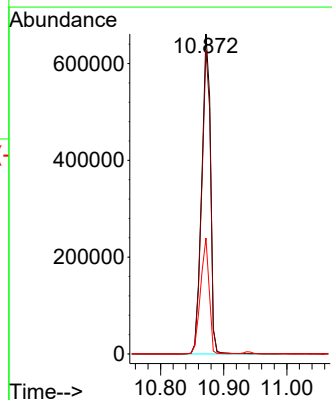
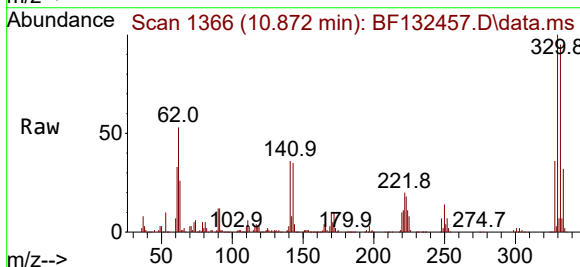
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

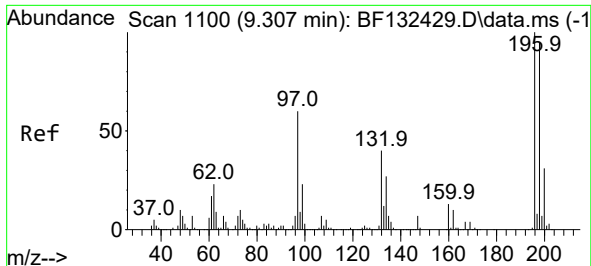
Tgt Ion:237 Resp: 826032
Ion Ratio Lower Upper
237 100
235 65.2 43.1 83.1
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 125.996 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:330 Resp: 637429
Ion Ratio Lower Upper
330 100
332 95.1 76.3 114.5
141 35.4 30.3 45.5

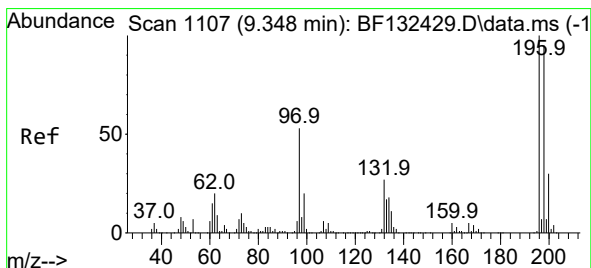
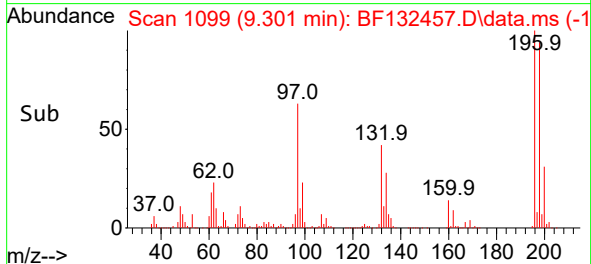
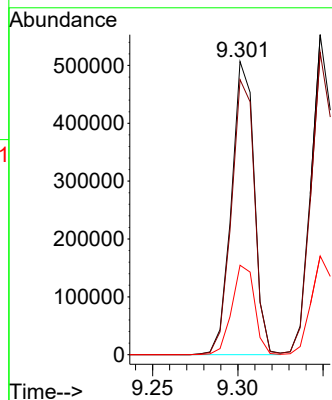
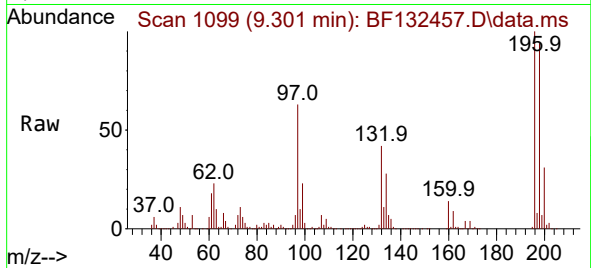




#43
2,4,6-Trichlorophenol
Concen: 43.575 ng
RT: 9.301 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

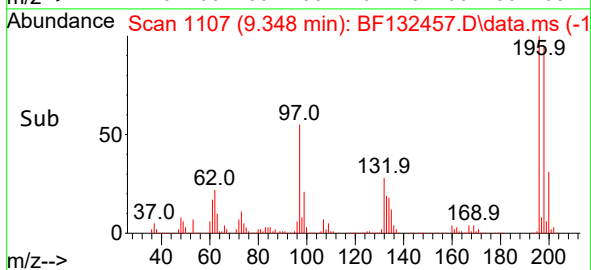
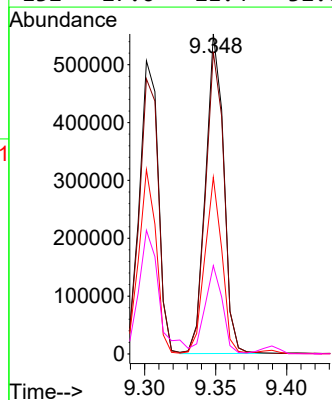
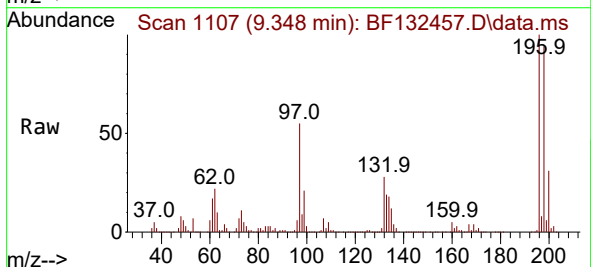
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

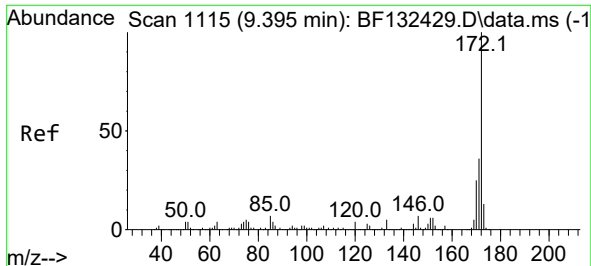
Tgt Ion:196 Resp: 471623
Ion Ratio Lower Upper
196 100
198 93.8 76.3 114.5
200 30.5 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 39.013 ng
RT: 9.348 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:196 Resp: 491818
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.4
97 55.2 42.4 63.6
132 27.6 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 75.203 ng

RT: 9.390 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

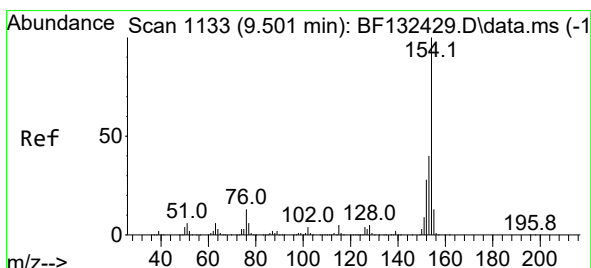
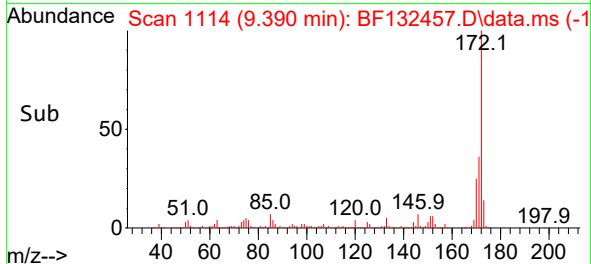
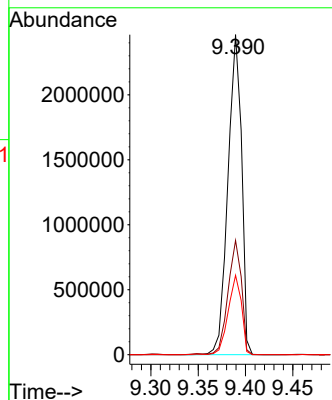
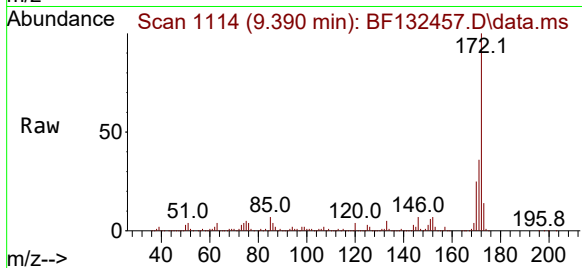
Tgt Ion:172 Resp: 2469232

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 39.690 ng

RT: 9.495 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

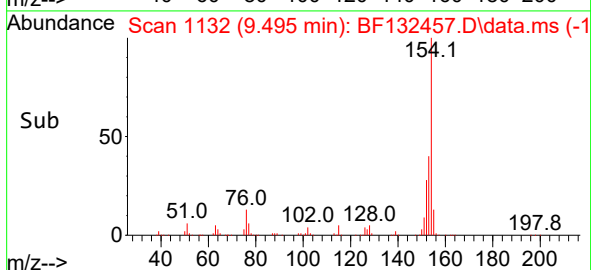
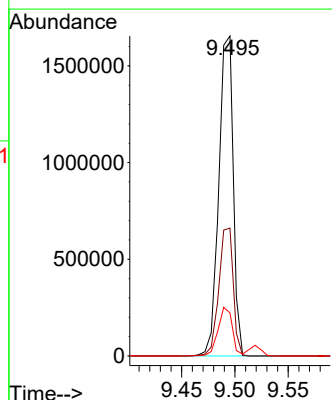
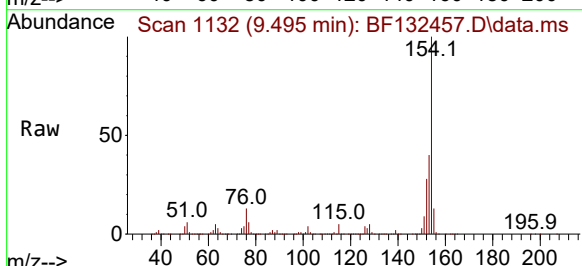
Tgt Ion:154 Resp: 1557636

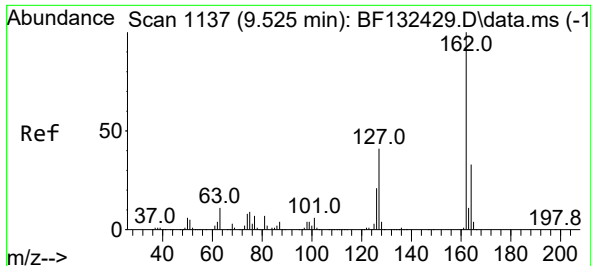
Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

76 13.4 0.0 33.3

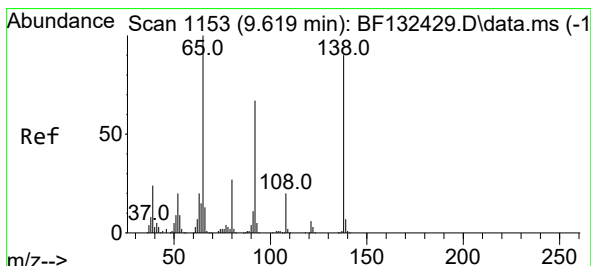
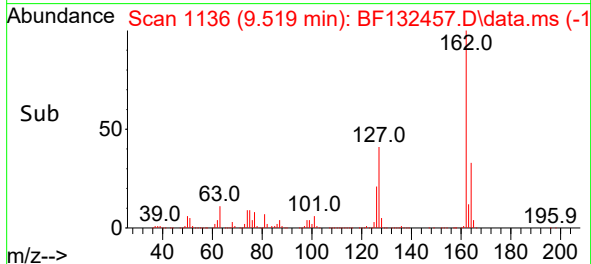
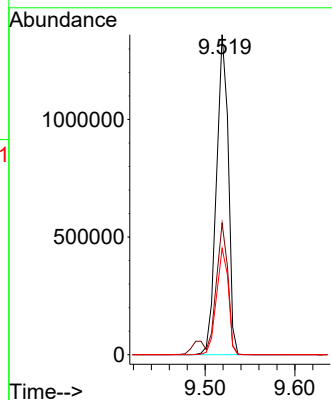
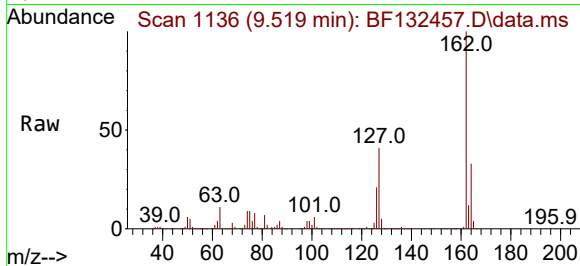




#47
2-Chloronaphthalene
Concen: 40.608 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

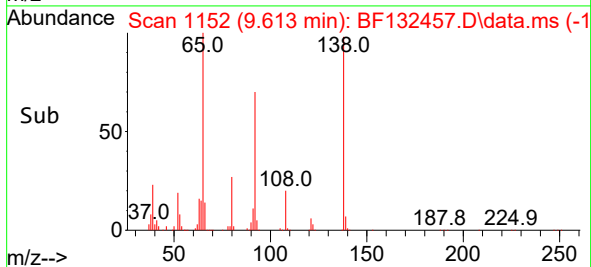
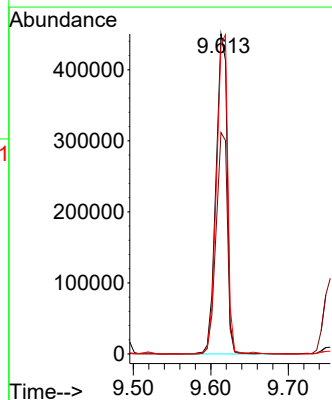
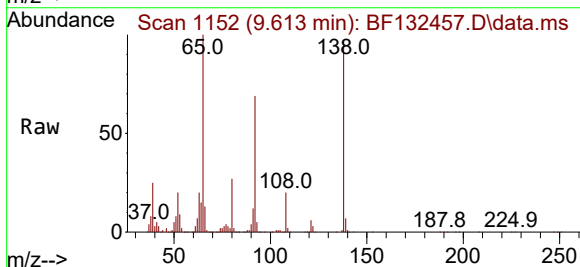
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

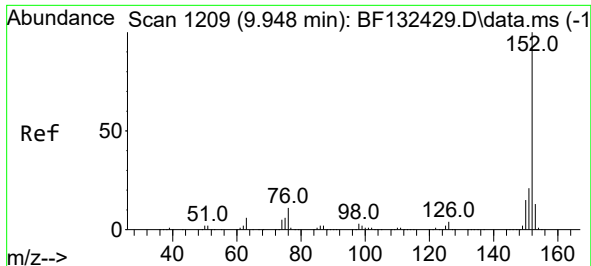
Tgt Ion:162 Resp: 1250878
Ion Ratio Lower Upper
162 100
127 41.2 33.0 49.4
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 41.733 ng
RT: 9.613 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion: 65 Resp: 451041
Ion Ratio Lower Upper
65 100
92 69.2 53.5 80.3
138 96.7 72.2 108.4





#49

Acenaphthylene

Concen: 38.937 ng

RT: 9.937 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

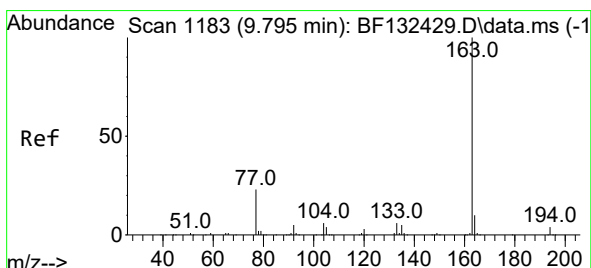
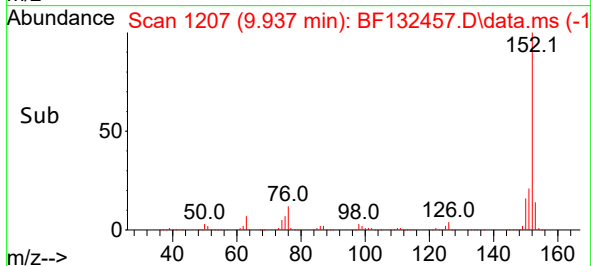
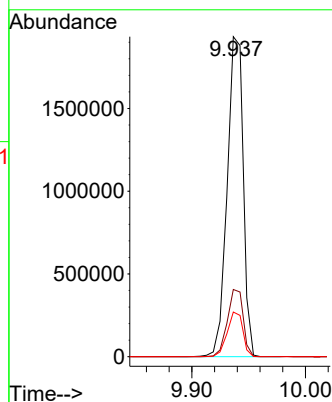
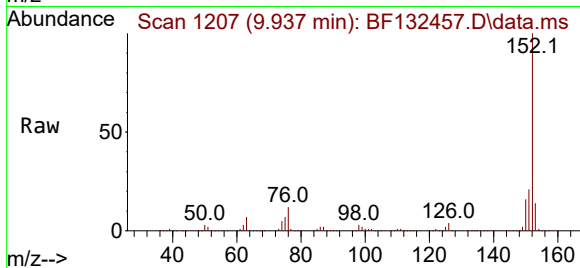
Tgt Ion:152 Resp: 1905616

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.0 10.7 16.1



#50

Dimethylphthalate

Concen: 40.138 ng

RT: 9.795 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

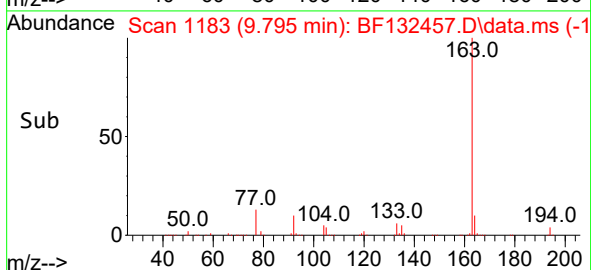
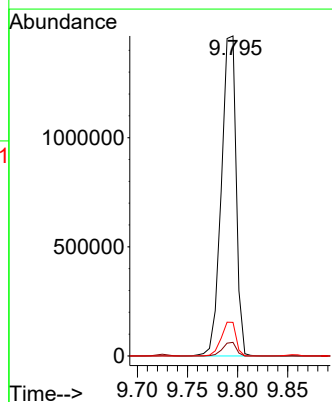
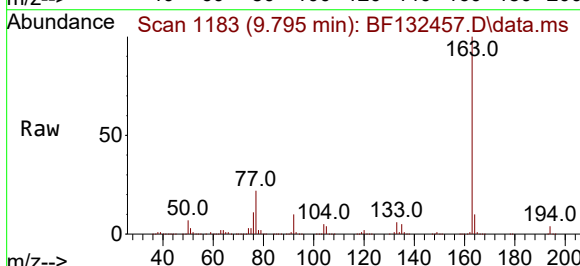
Tgt Ion:163 Resp: 1498769

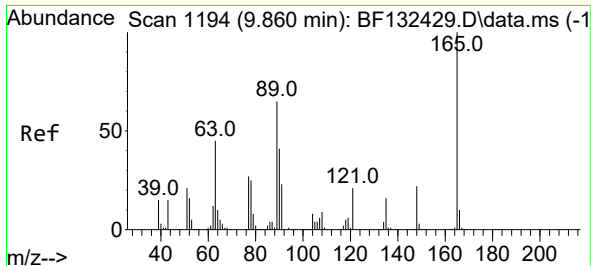
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.5 8.4 12.6

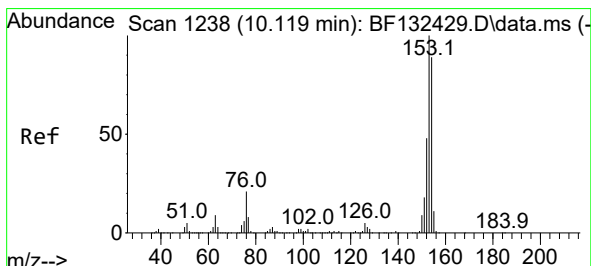
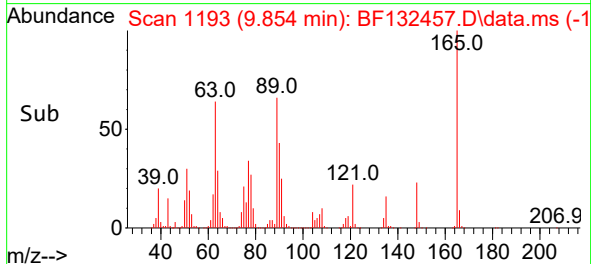
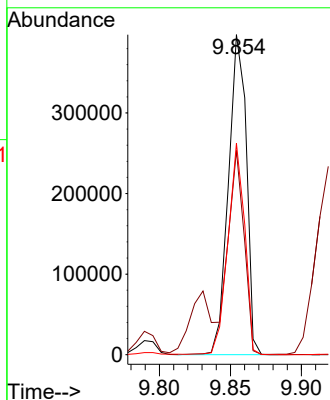
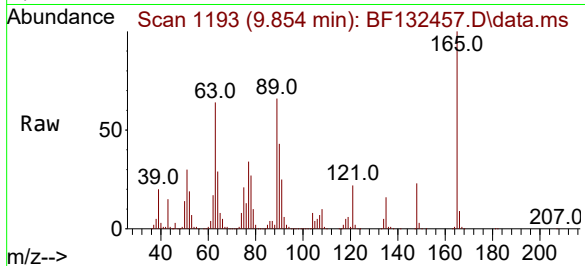




#51
2,6-Dinitrotoluene
Concen: 42.942 ng
RT: 9.854 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

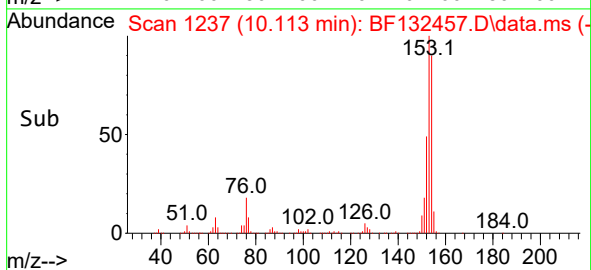
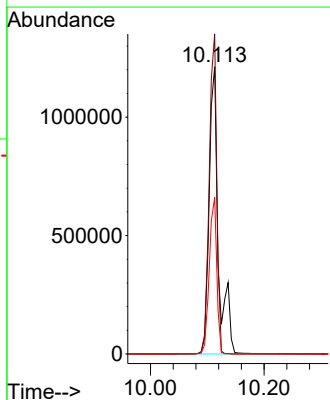
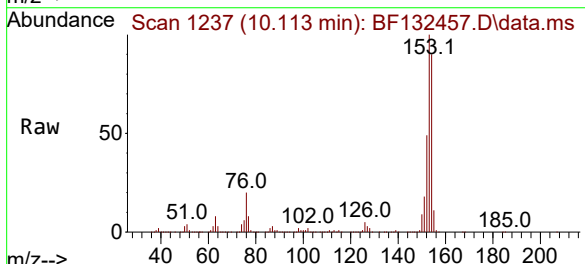
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

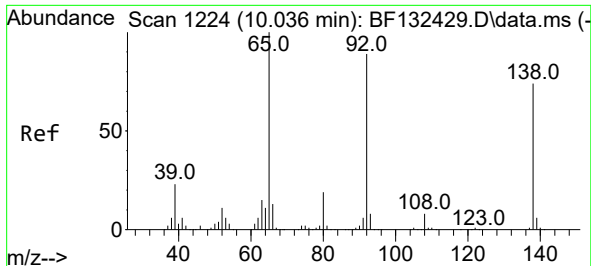
Tgt Ion:165 Resp: 348710
Ion Ratio Lower Upper
165 100
63 63.8 50.4 75.6
89 66.1 52.2 78.2



#52
Acenaphthene
Concen: 45.300 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:154 Resp: 1379711
Ion Ratio Lower Upper
154 100
153 111.4 89.7 134.5
152 54.5 43.4 65.0

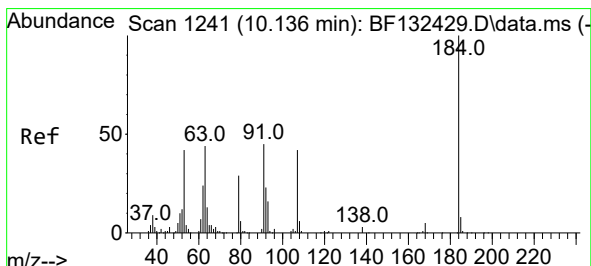
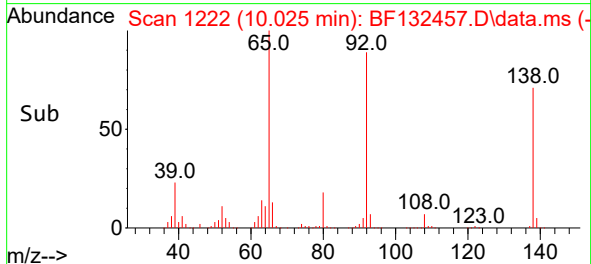
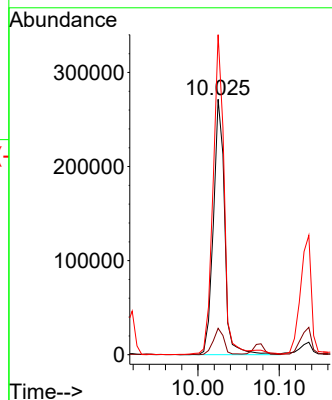
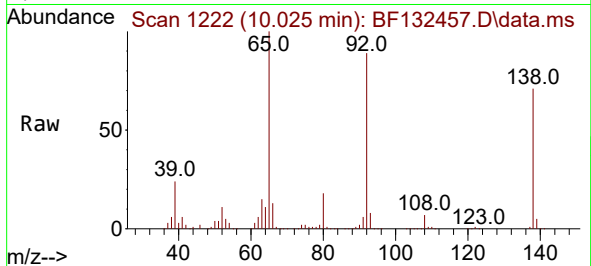




#53
3-Nitroaniline
Concen: 27.894 ng
RT: 10.025 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

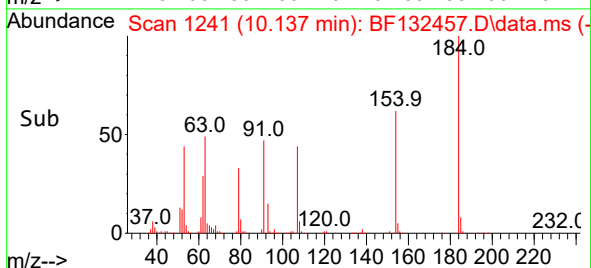
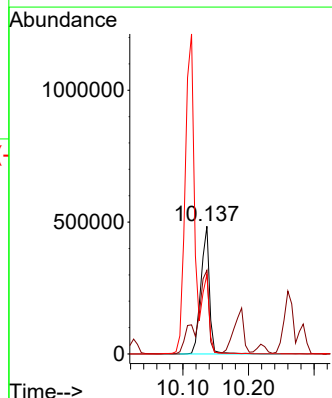
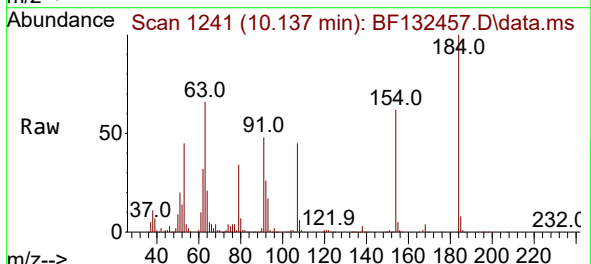
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

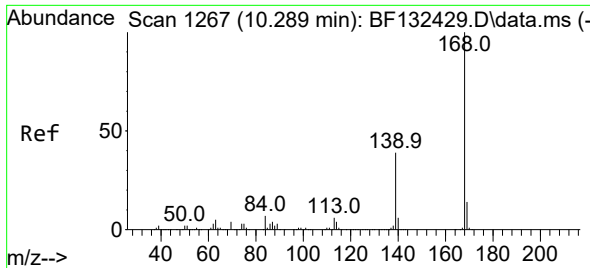
Tgt Ion:138 Resp: 260064
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 125.3 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 88.011 ng
RT: 10.137 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:184 Resp: 446558
Ion Ratio Lower Upper
184 100
63 65.5 47.0 70.6
154 62.3 49.0 73.6

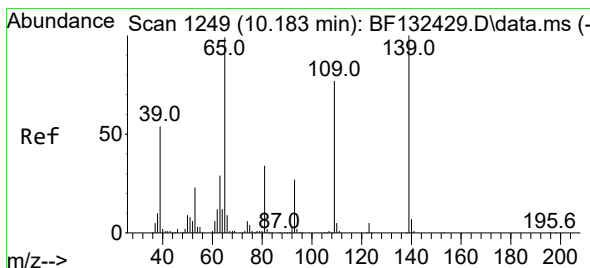
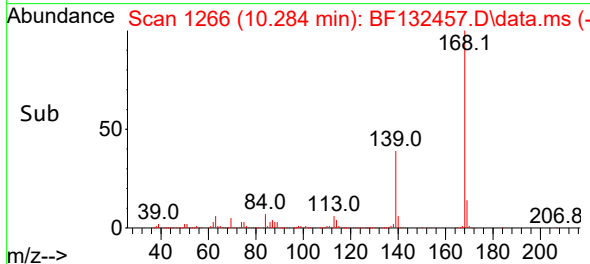
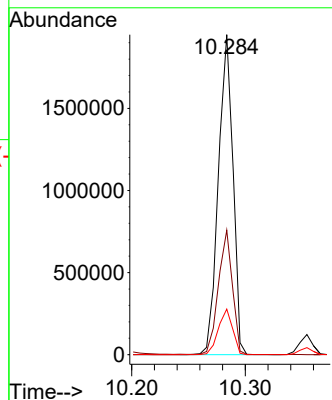
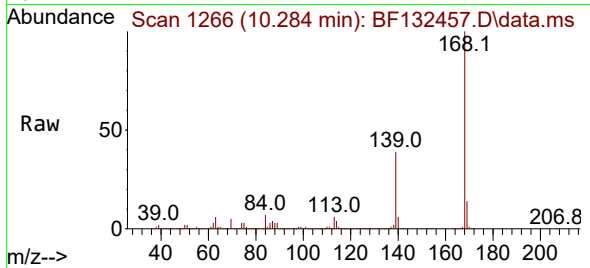




#55
Dibenzofuran
Concen: 38.485 ng
RT: 10.284 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

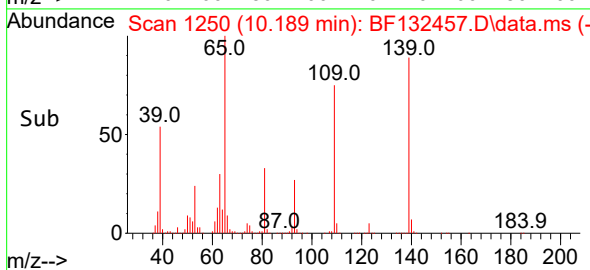
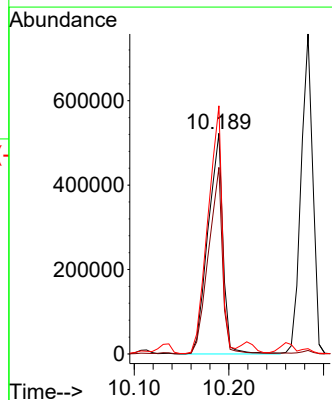
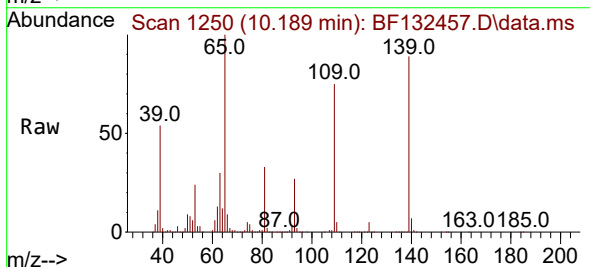
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

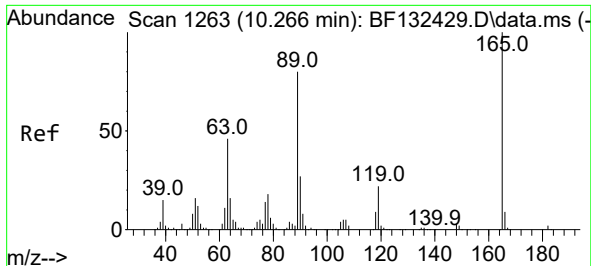
Tgt Ion:168 Resp: 1739117
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.4
169 14.2 11.0 16.4



#56
4-Nitrophenol
Concen: 84.930 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.012 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:139 Resp: 574475
Ion Ratio Lower Upper
139 100
109 84.6 57.2 97.2
65 112.5 79.2 119.2

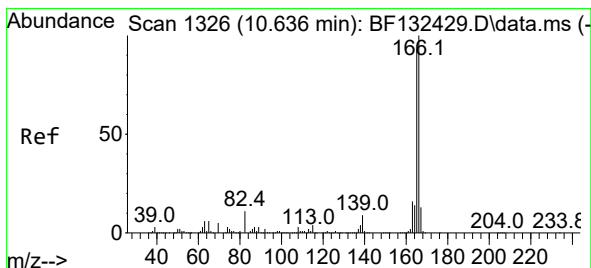
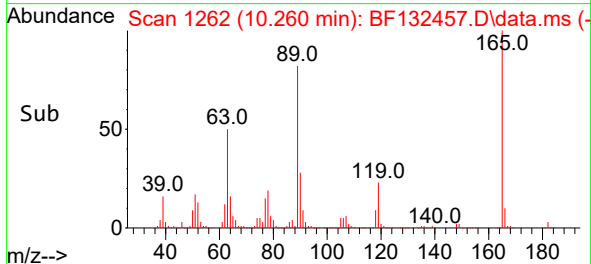
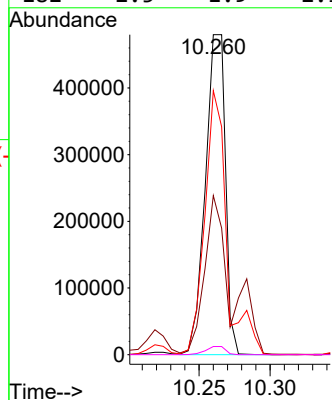
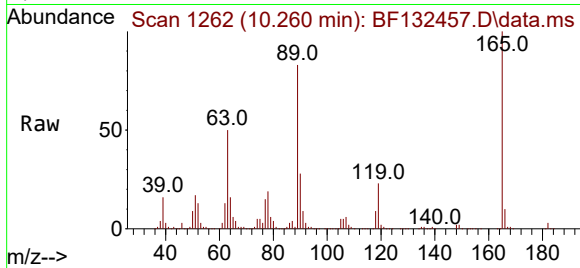




#57
2,4-Dinitrotoluene
Concen: 44.140 ng
RT: 10.260 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

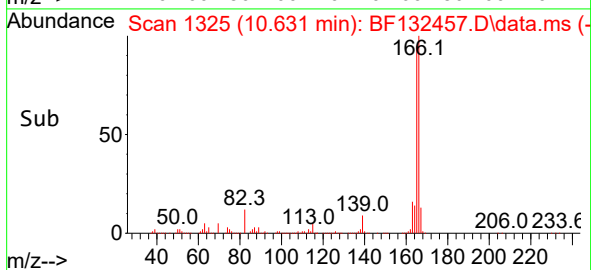
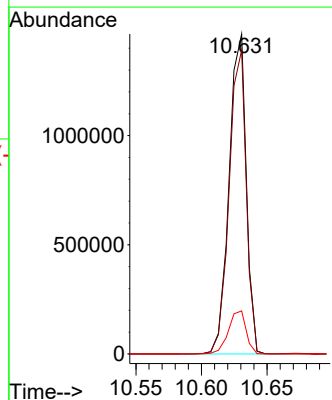
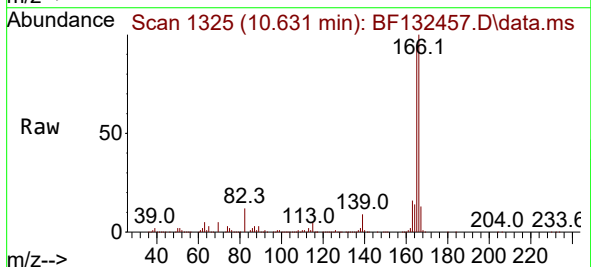
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

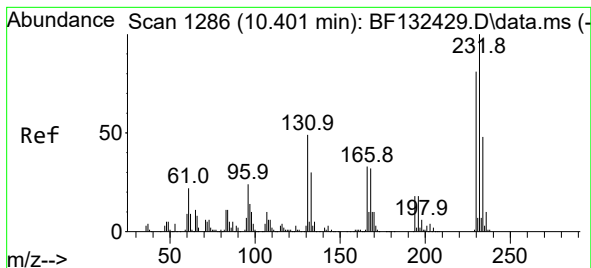
Tgt Ion:165 Resp: 471838
Ion Ratio Lower Upper
165 100
63 49.7 37.1 55.7
89 82.5 63.6 95.4
182 2.5 1.9 2.9



#58
Fluorene
Concen: 39.033 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:166 Resp: 1333561
Ion Ratio Lower Upper
166 100
165 94.9 74.6 111.8
167 13.5 10.8 16.2

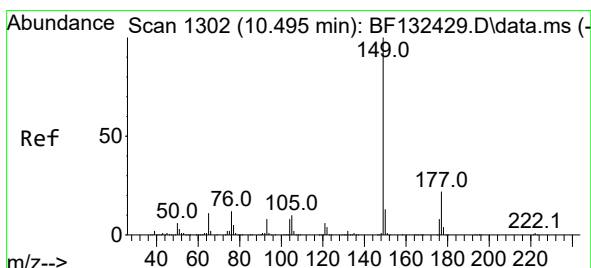
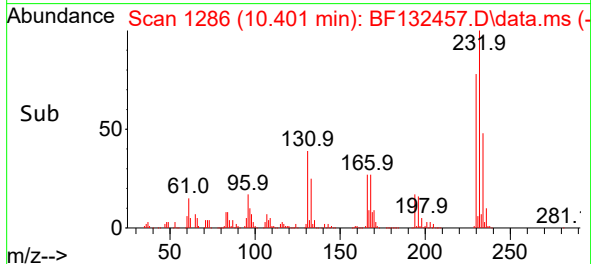
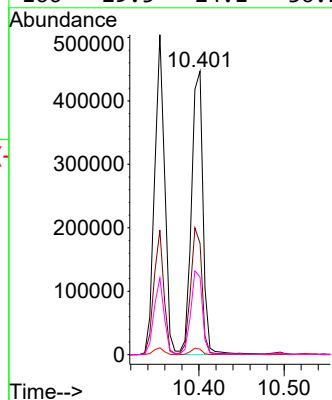
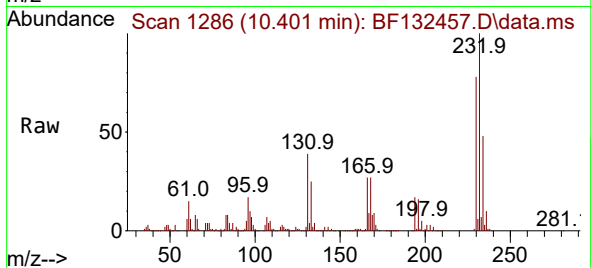




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.874 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

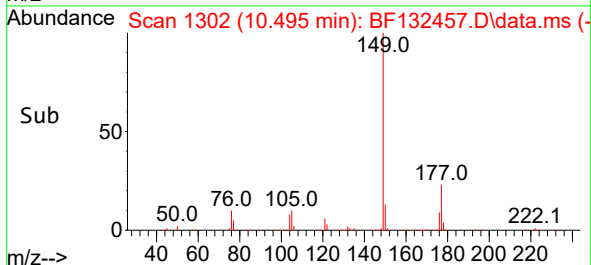
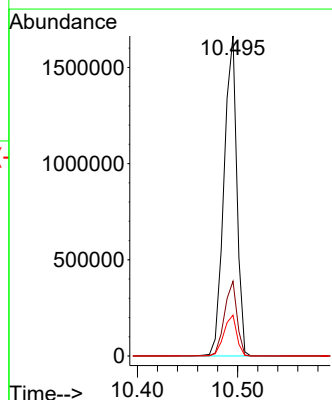
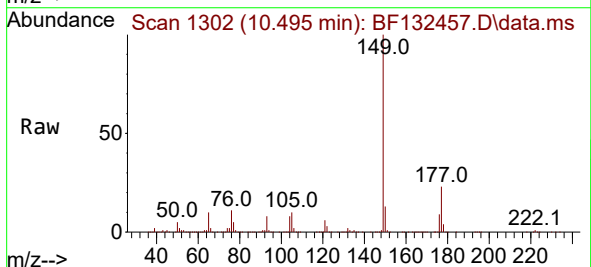
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

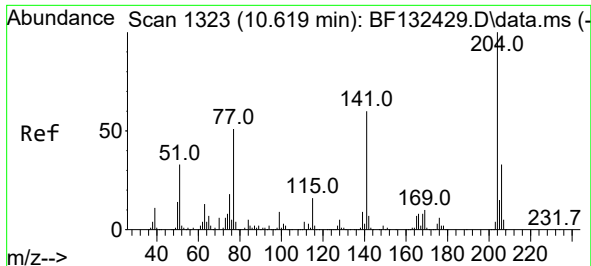
Tgt Ion:232 Resp: 418008
Ion Ratio Lower Upper
232 100
131 43.8 35.8 53.8
130 2.2 1.8 2.8
166 29.5 24.1 36.1



#60
Diethylphthalate
Concen: 40.284 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:149 Resp: 1478688
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.8 10.0 15.0

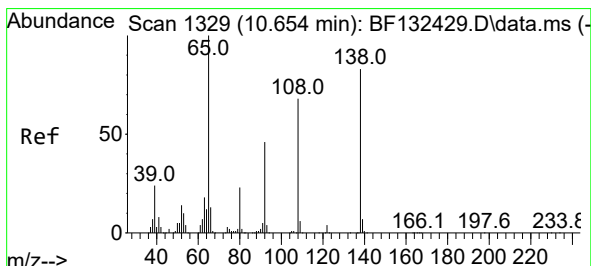
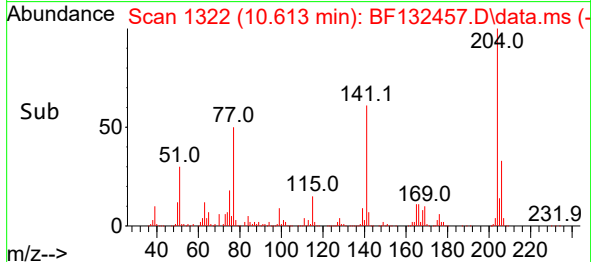
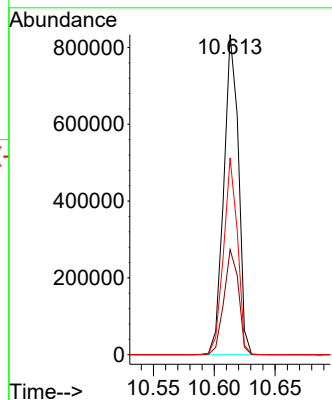
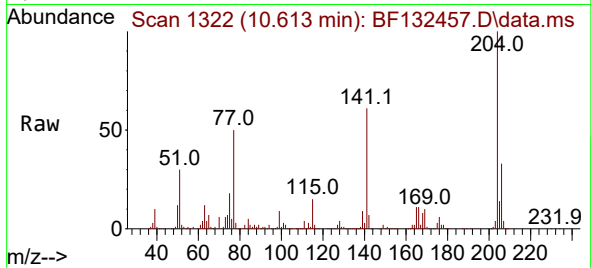




#61
4-Chlorophenyl-phenylether
Concen: 39.015 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

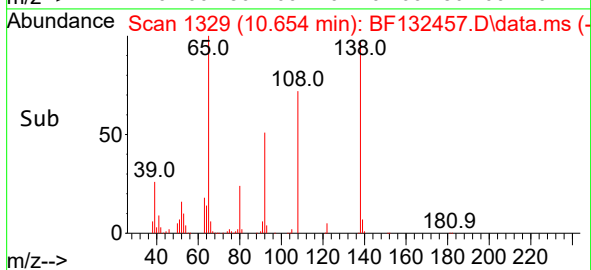
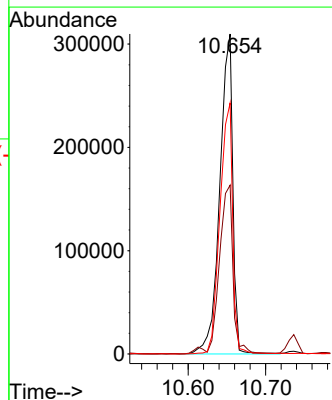
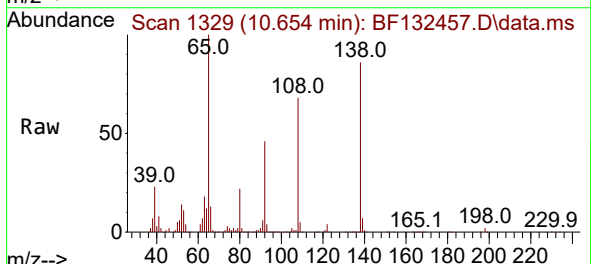
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

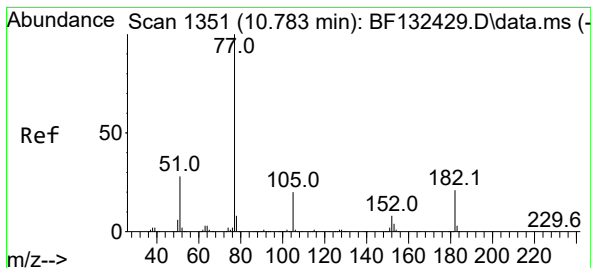
Tgt Ion:204 Resp: 698031
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.4 48.2 72.2



#62
4-Nitroaniline
Concen: 41.560 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:138 Resp: 361564
Ion Ratio Lower Upper
138 100
92 52.8 35.9 75.9
108 78.5 62.1 102.1





#63

Azobenzene

Concen: 39.780 ng

RT: 10.778 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

Tgt Ion: 77 Resp: 1615610

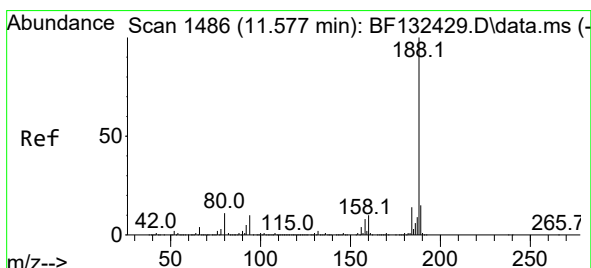
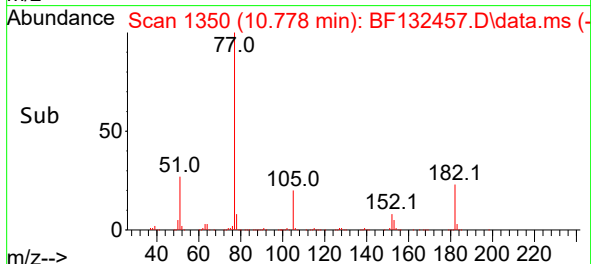
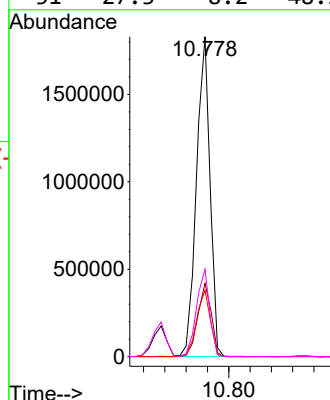
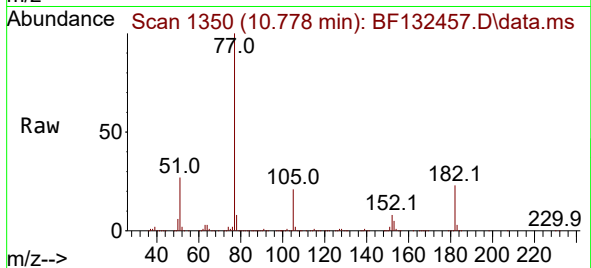
Ion Ratio Lower Upper

77 100

182 22.9 1.4 41.4

105 20.8 0.1 40.1

51 27.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.572 min Scan# 1485

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

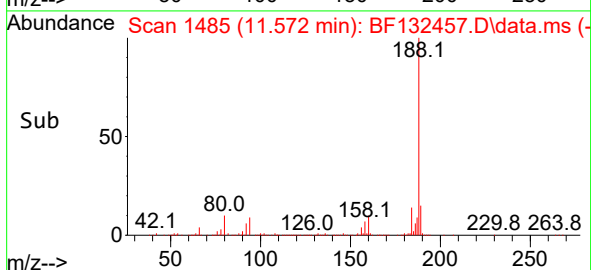
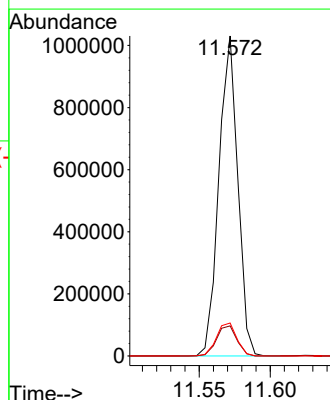
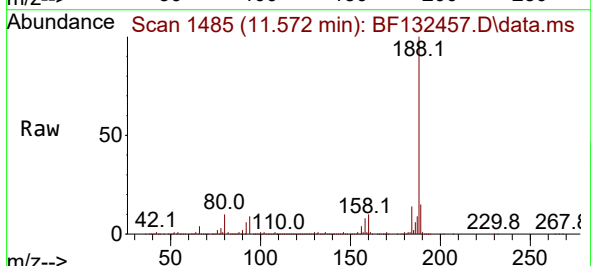
Tgt Ion:188 Resp: 949476

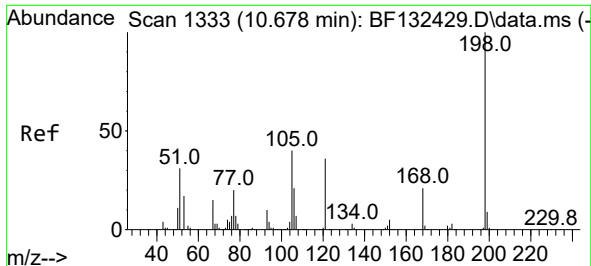
Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 10.3 8.6 12.8

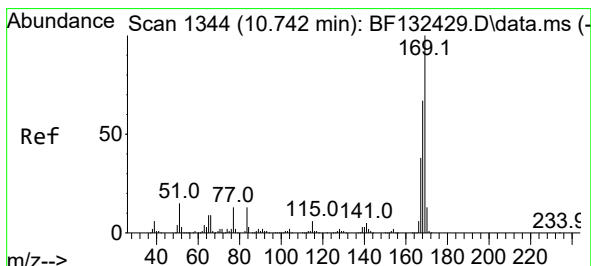
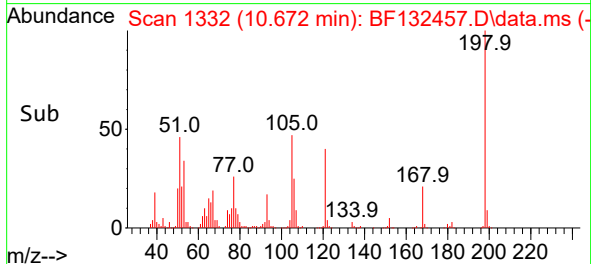
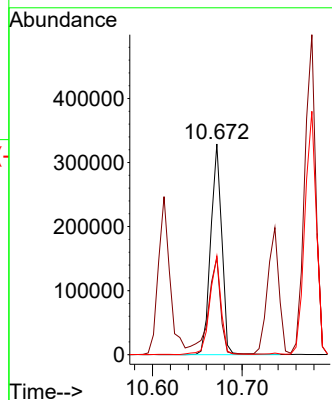
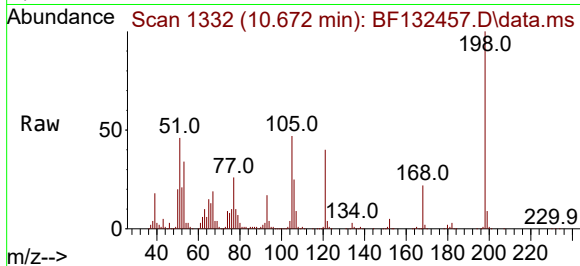




#65
4,6-Dinitro-2-methylphenol
Concen: 47.846 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

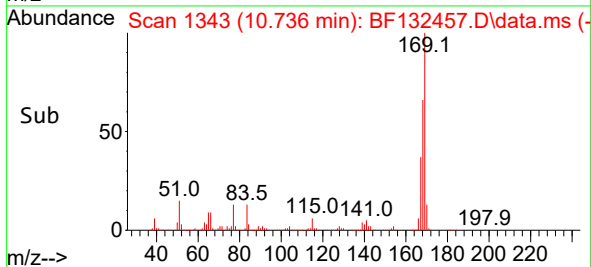
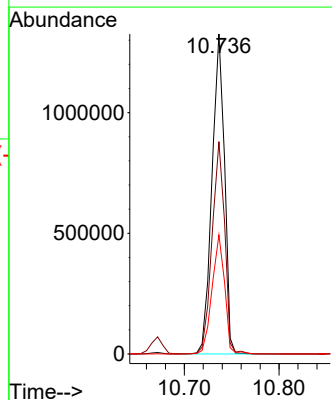
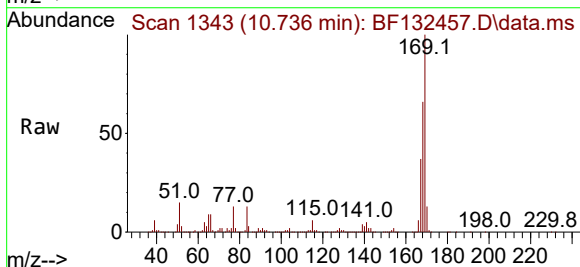
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

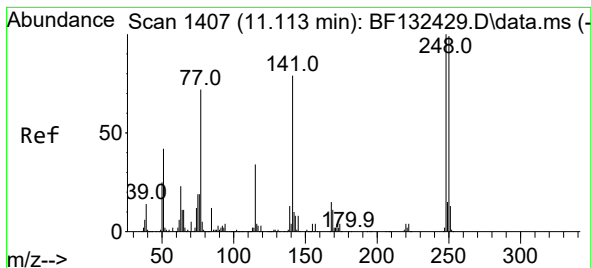
Tgt Ion:198 Resp: 282436
Ion Ratio Lower Upper
198 100
51 46.0 17.4 57.4
105 46.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.523 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:169 Resp: 1210063
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 37.2 30.2 45.2

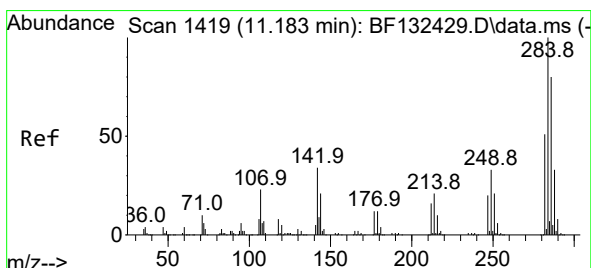
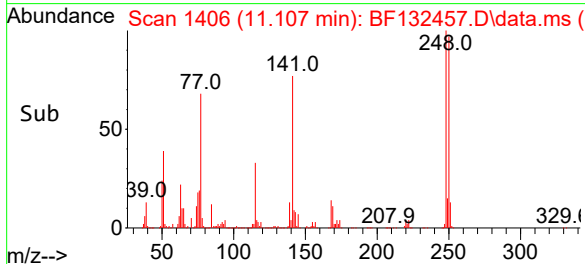
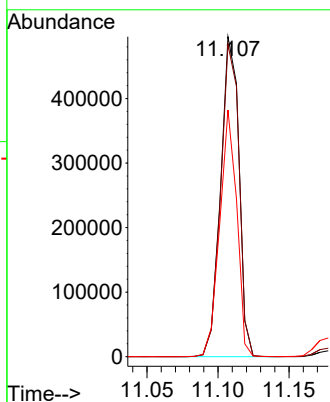
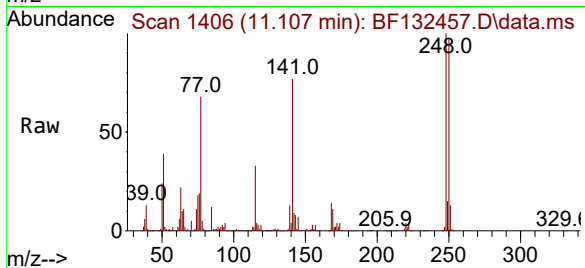




#67
4-Bromophenyl-phenylether
Concen: 42.594 ng
RT: 11.107 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

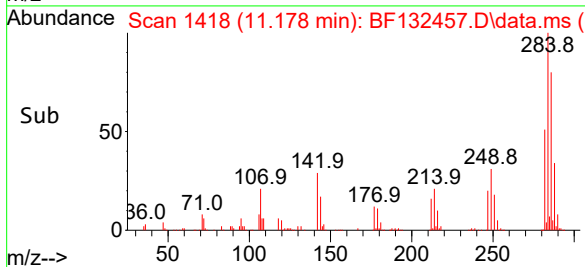
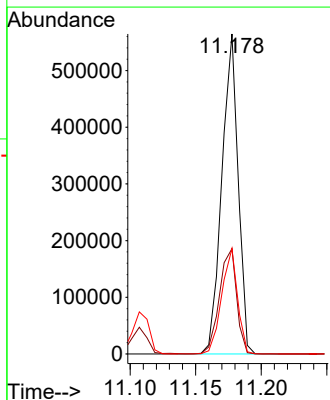
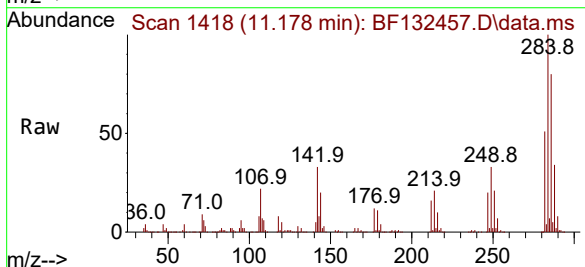
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

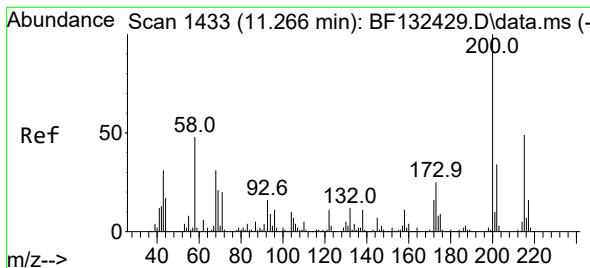
Tgt Ion:248 Resp: 443249
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 77.1 63.3 94.9



#68
Hexachlorobenzene
Concen: 44.694 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:284 Resp: 486178
Ion Ratio Lower Upper
284 100
142 32.9 27.5 41.3
249 33.0 26.2 39.4





#69

Atrazine

Concen: 46.009 ng

RT: 11.260 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

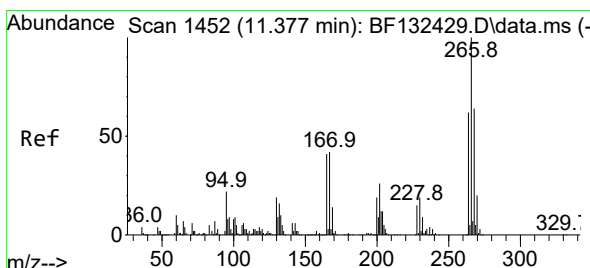
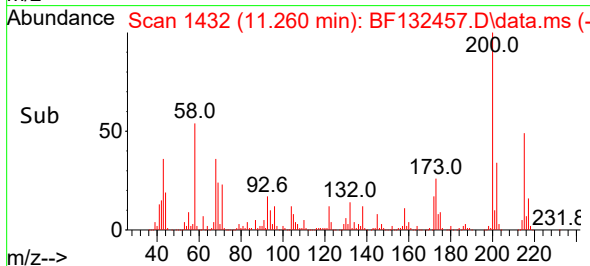
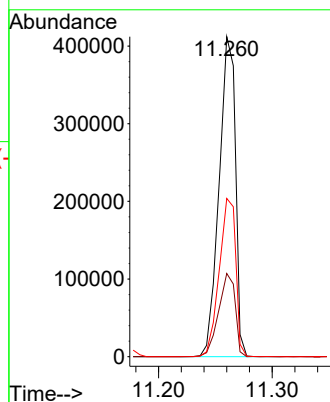
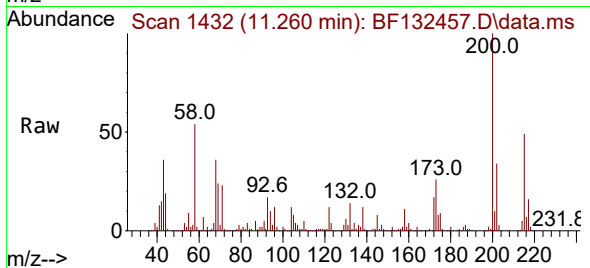
Tgt Ion:200 Resp: 412695

Ion Ratio Lower Upper

200 100

173 26.0 5.3 45.3

215 49.5 29.1 69.1



#70

Pentachlorophenol

Concen: 80.528 ng

RT: 11.372 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

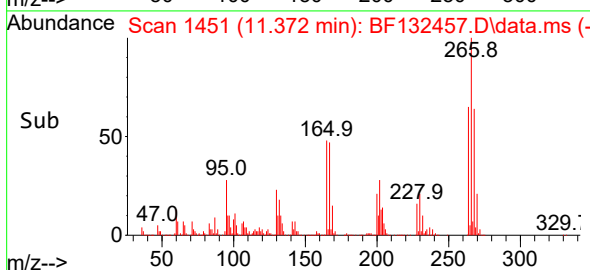
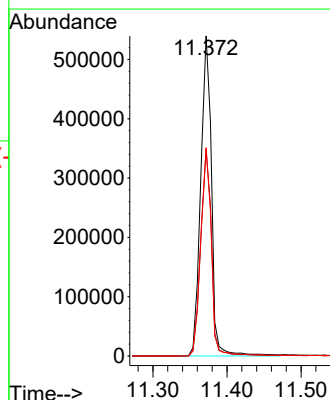
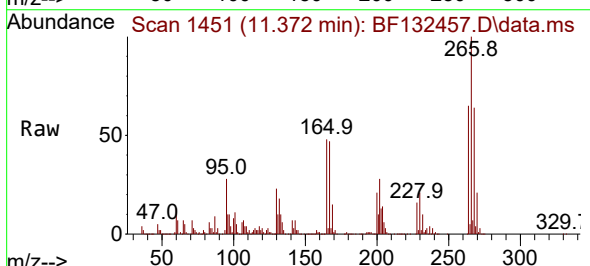
Tgt Ion:266 Resp: 544608

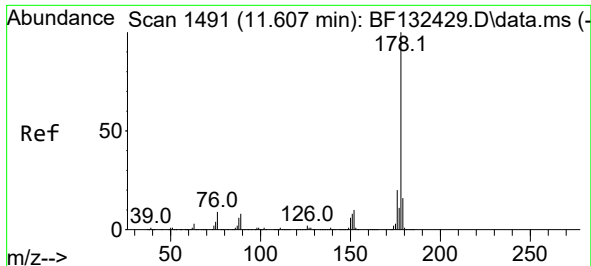
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.4

264 65.1 49.8 74.6

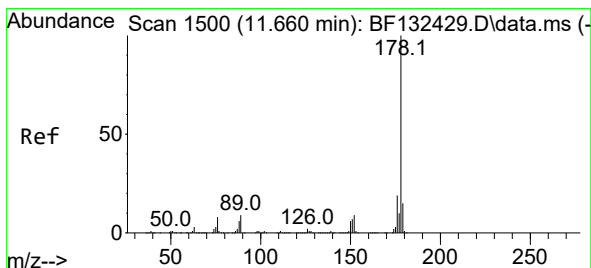
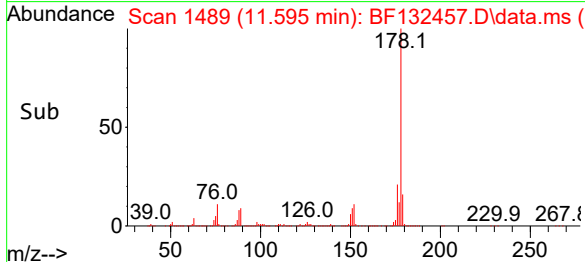
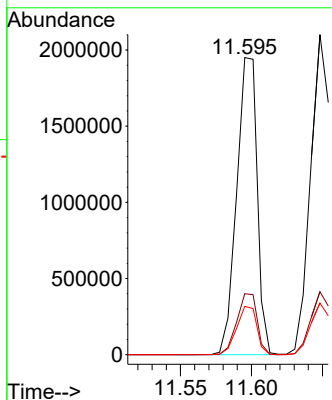
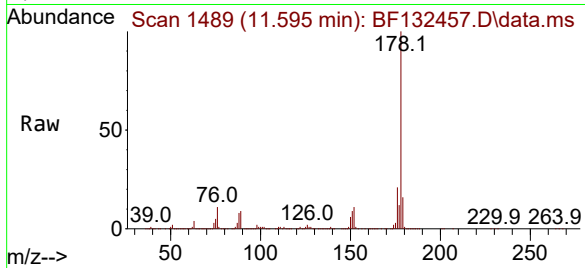




#71
Phenanthrene
Concen: 40.127 ng
RT: 11.595 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

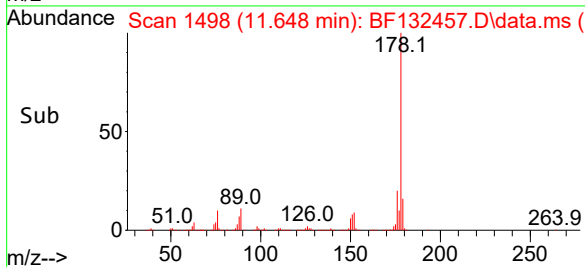
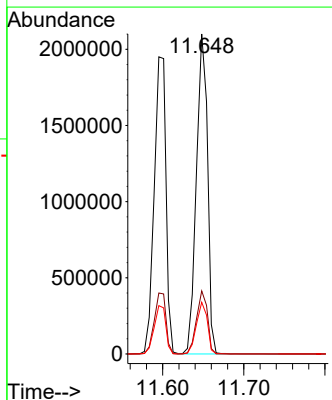
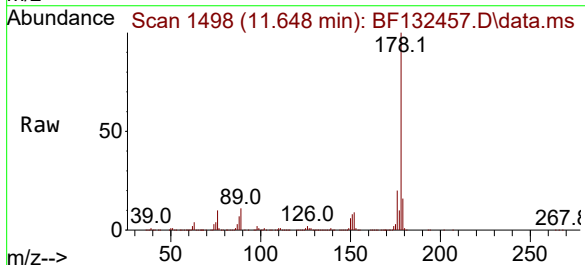
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

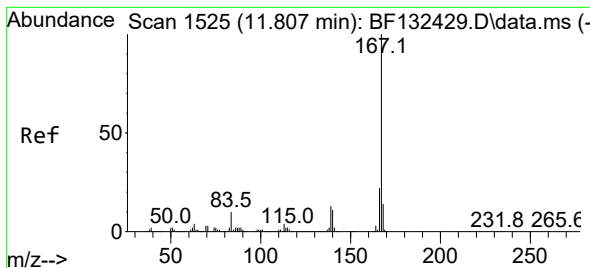
Tgt Ion:178 Resp: 1962260
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.3 12.6 18.8



#72
Anthracene
Concen: 40.089 ng
RT: 11.648 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:178 Resp: 2015323
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.1 12.4 18.6





#73

Carbazole

Concen: 40.889 ng

RT: 11.801 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

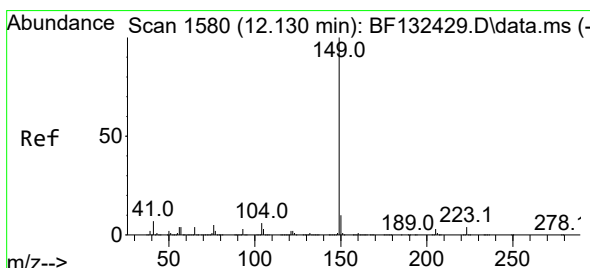
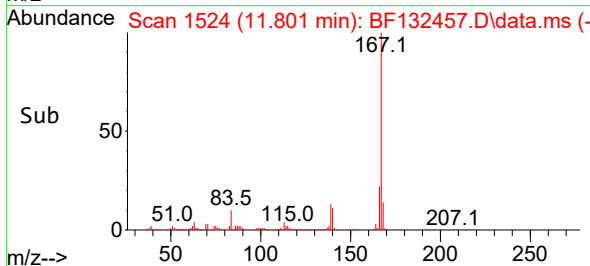
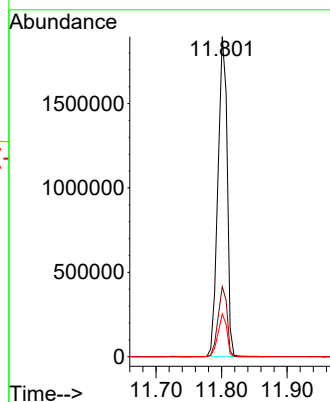
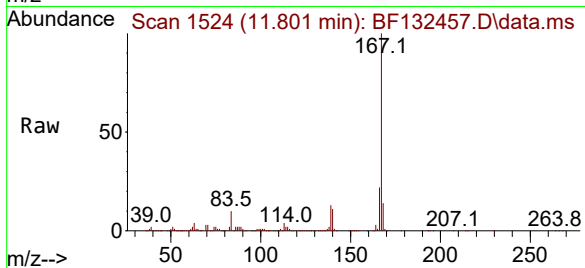
Tgt Ion:167 Resp: 1850311

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 42.644 ng

RT: 12.119 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

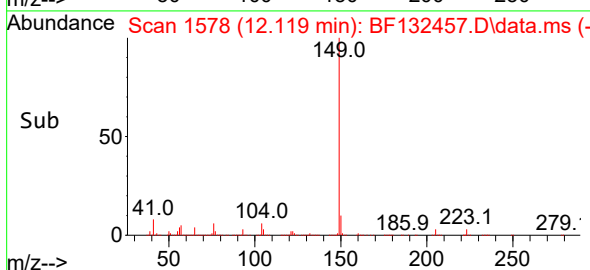
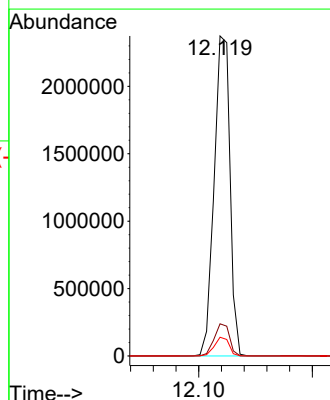
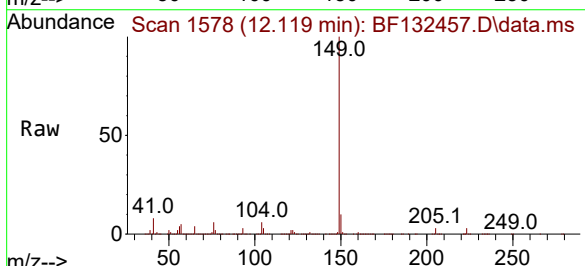
Tgt Ion:149 Resp: 2298492

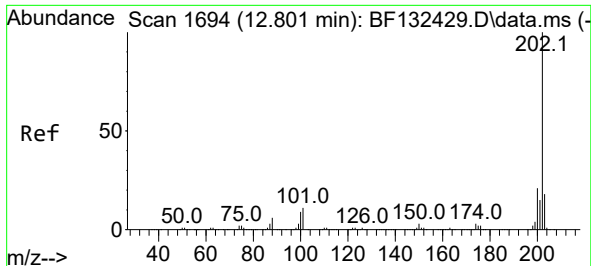
Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 5.8 4.5 6.7

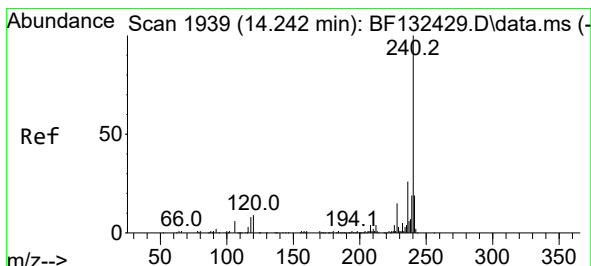
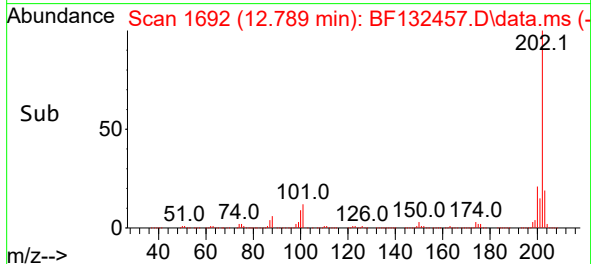
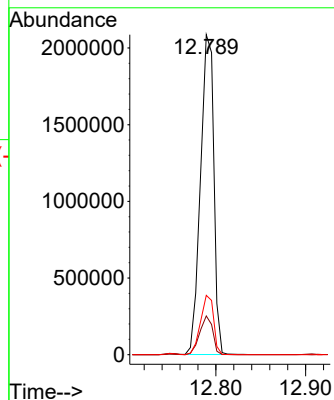
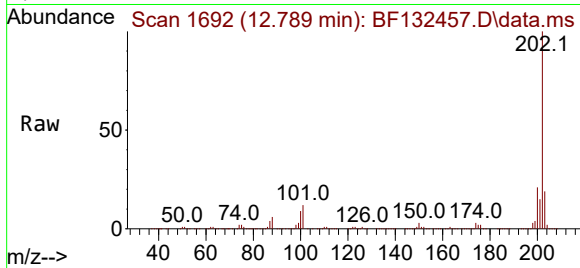




#75
Fluoranthene
Concen: 39.483 ng
RT: 12.789 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

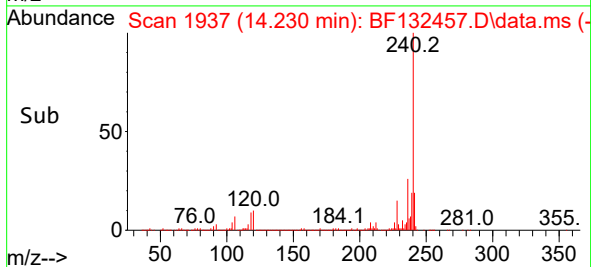
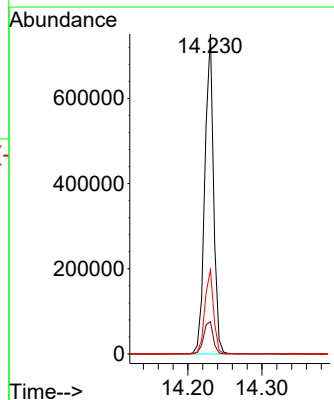
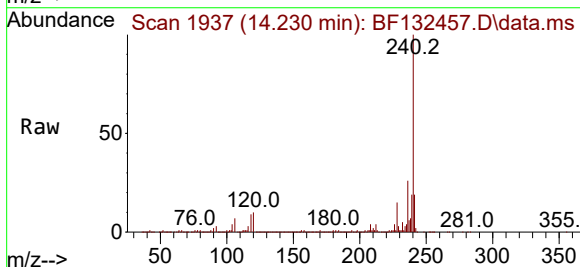
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

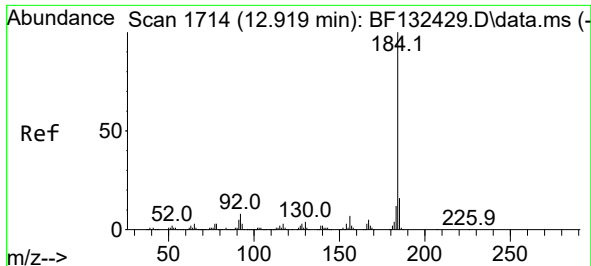
Tgt Ion:202 Resp: 2153218
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 18.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:240 Resp: 614695
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 26.3 21.0 31.6

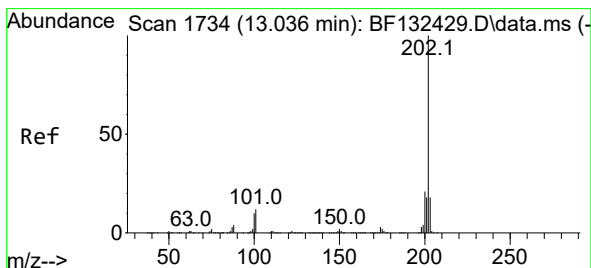
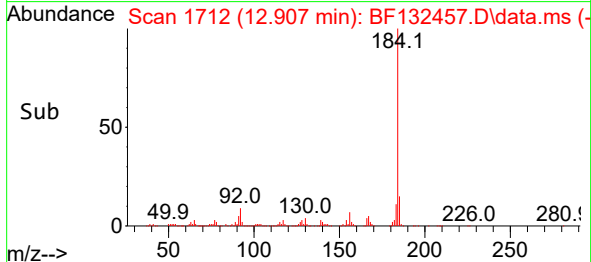
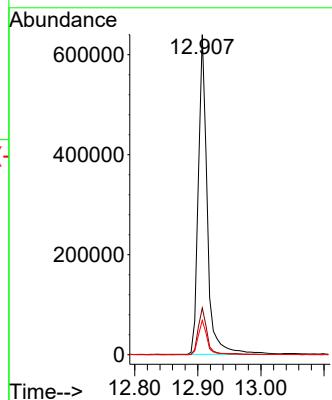
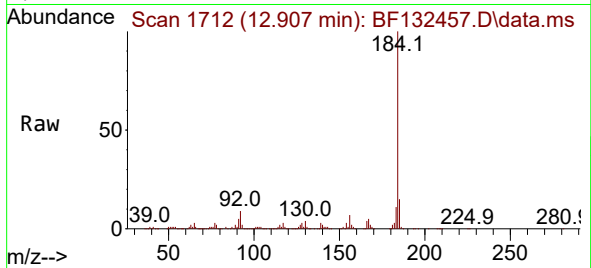




#77
Benzidine
Concen: 47.749 ng
RT: 12.907 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

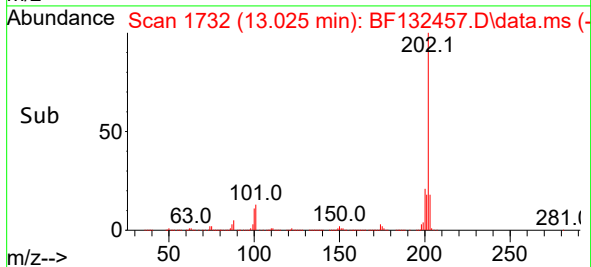
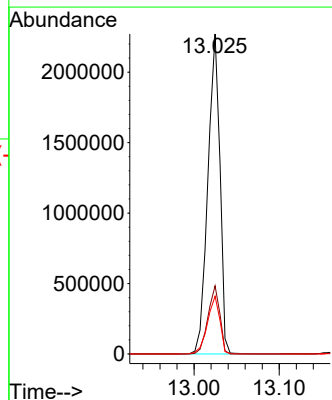
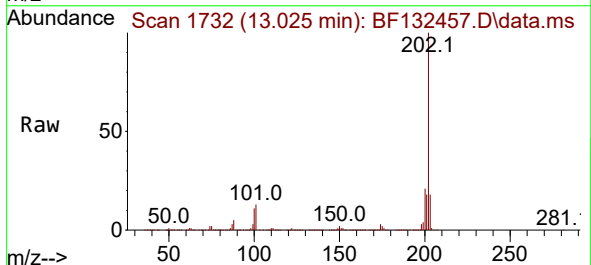
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

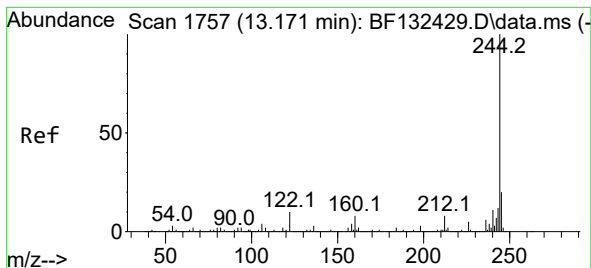
Tgt Ion:184 Resp: 624992
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 10.7 9.2 13.8



#78
Pyrene
Concen: 42.577 ng
RT: 13.025 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:202 Resp: 2223300
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 87.169 ng

RT: 13.160 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

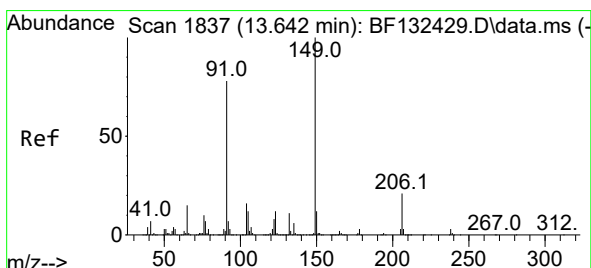
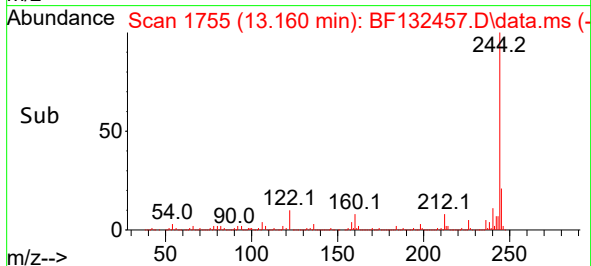
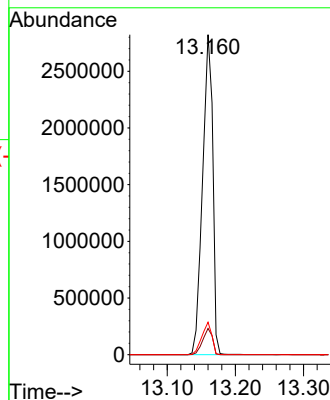
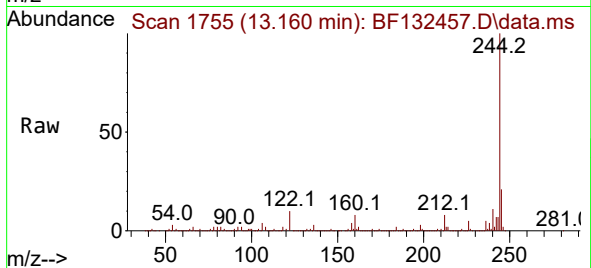
Tgt Ion:244 Resp: 2942140

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 10.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 50.316 ng

RT: 13.630 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

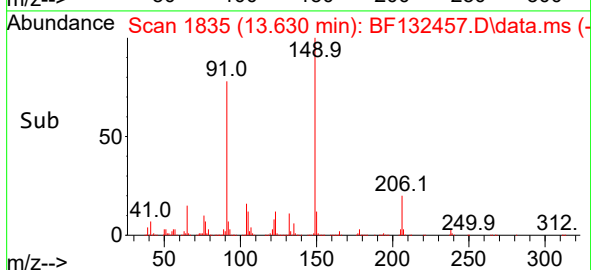
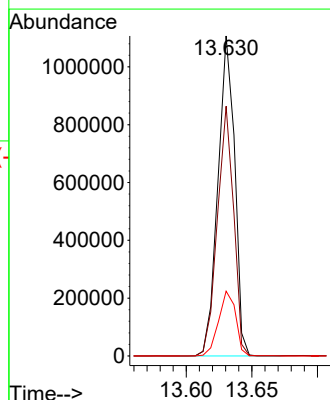
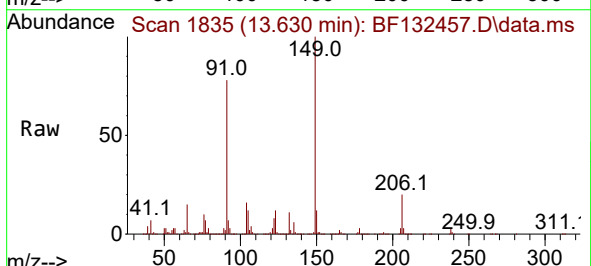
Tgt Ion:149 Resp: 980407

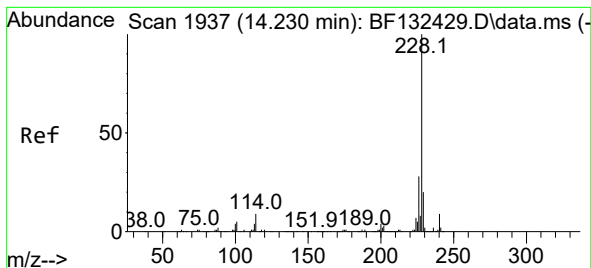
Ion Ratio Lower Upper

149 100

91 78.1 62.8 94.2

206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.464 ng

RT: 14.219 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

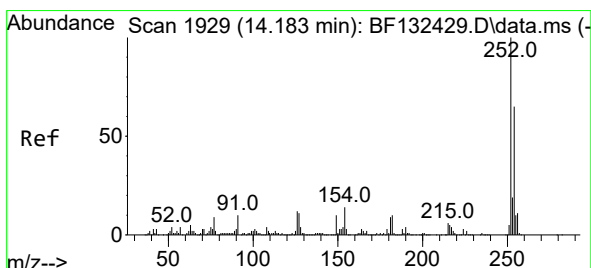
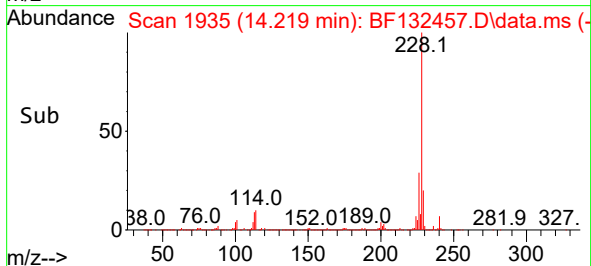
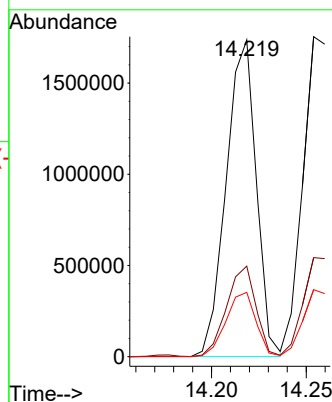
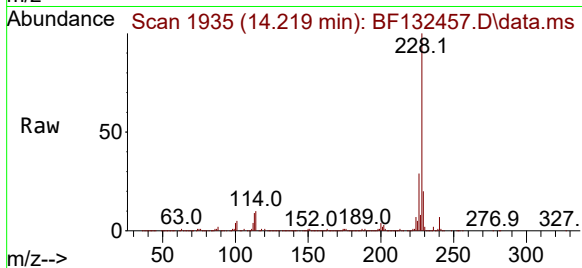
Tgt Ion:228 Resp: 1911758

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 39.210 ng

RT: 14.177 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

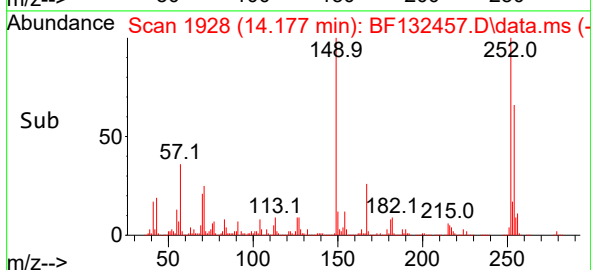
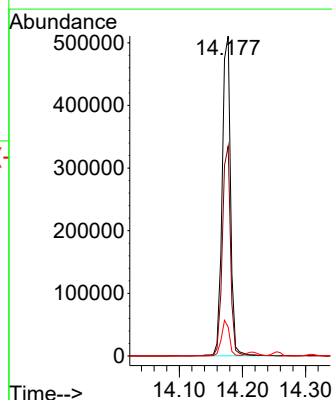
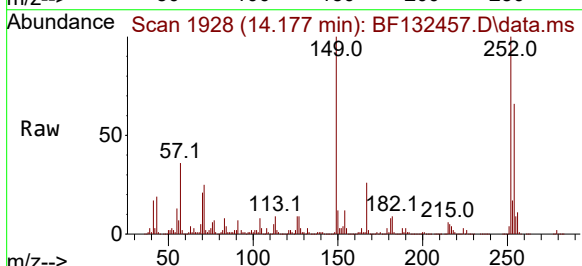
Tgt Ion:252 Resp: 471510

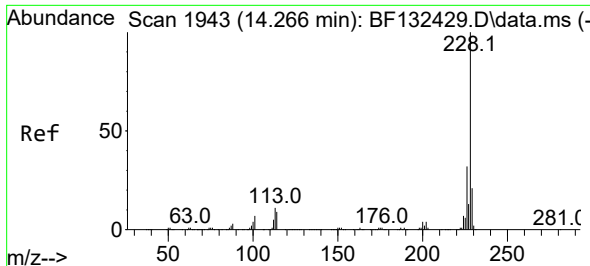
Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.2

126 9.0 9.6 14.4#

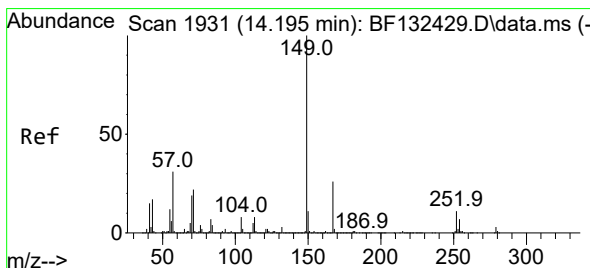
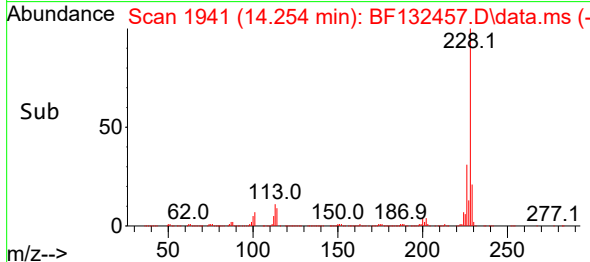
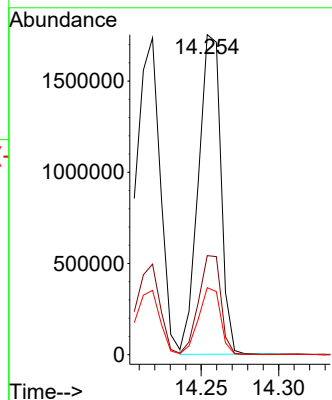
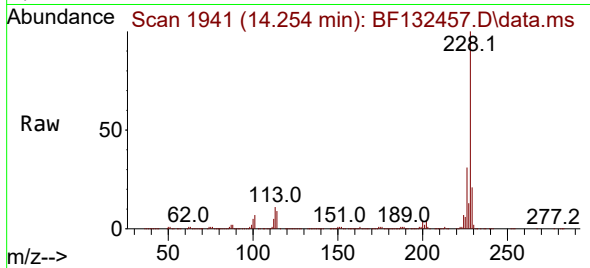




#83
Chrysene
Concen: 41.009 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

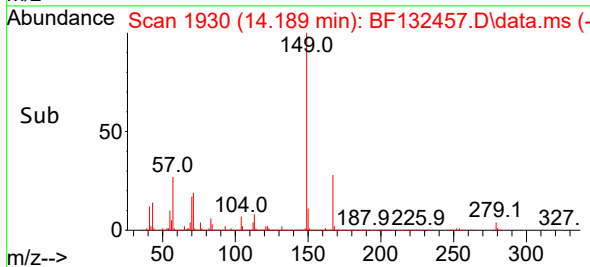
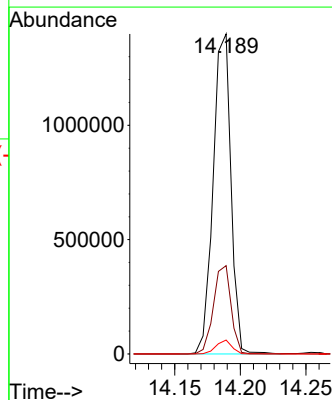
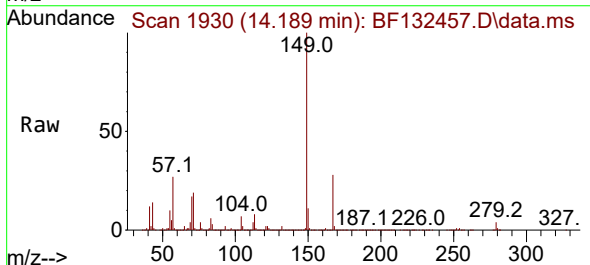
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

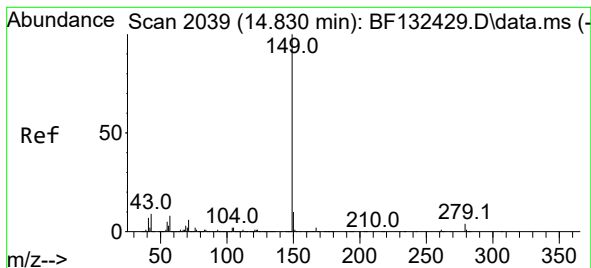
Tgt Ion:228 Resp: 1763998
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.2
229 21.0 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.453 ng
RT: 14.189 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:149 Resp: 1323074
Ion Ratio Lower Upper
149 100
167 27.6 21.0 31.6
279 4.3 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 59.039 ng

RT: 14.813 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

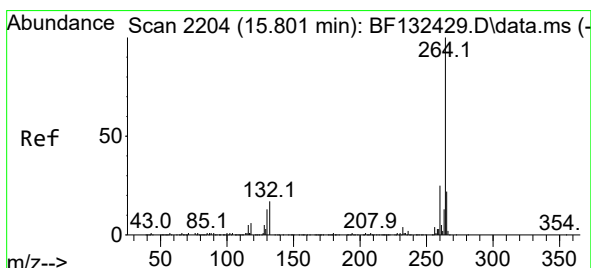
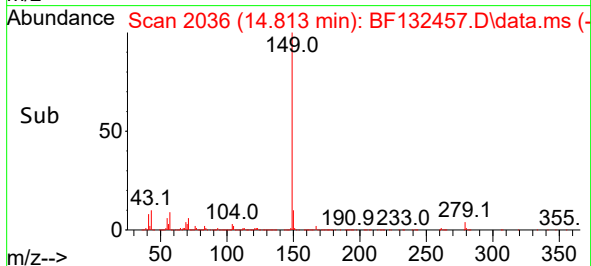
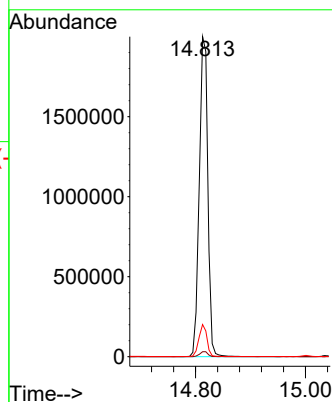
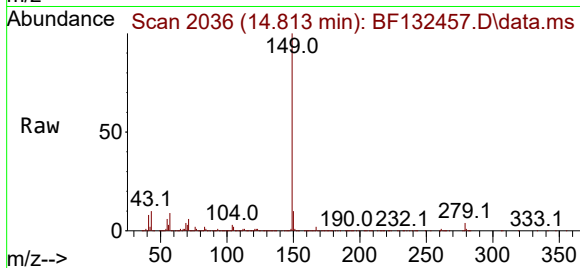
Tgt Ion:149 Resp: 2162408

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.783 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

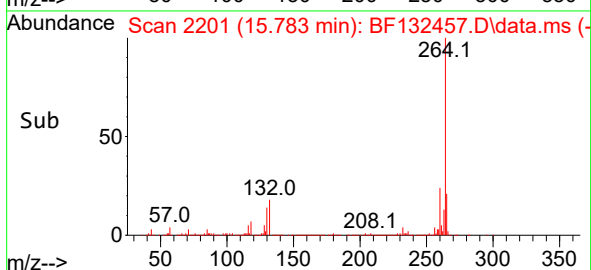
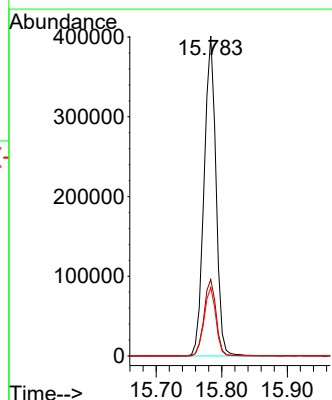
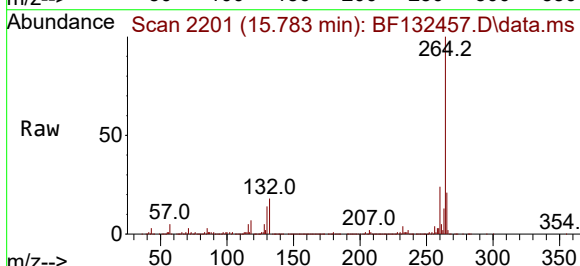
Tgt Ion:264 Resp: 506525

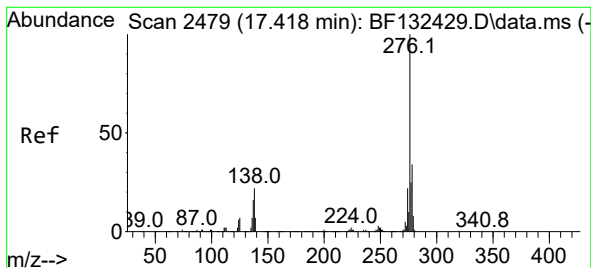
Ion Ratio Lower Upper

264 100

260 23.9 20.0 30.0

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.325 ng

RT: 17.395 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB150925BSD

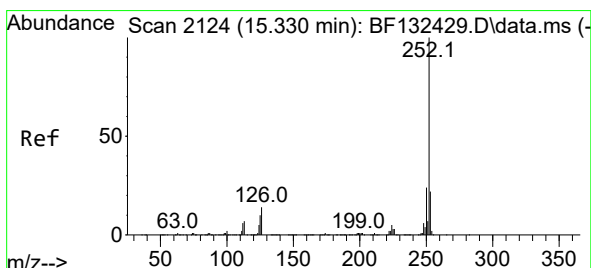
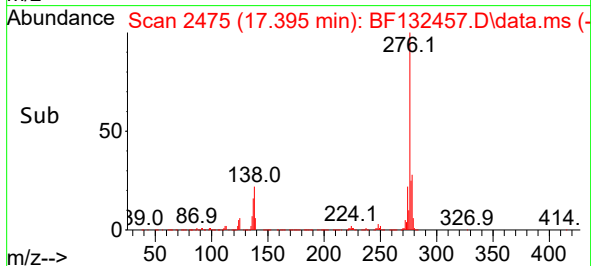
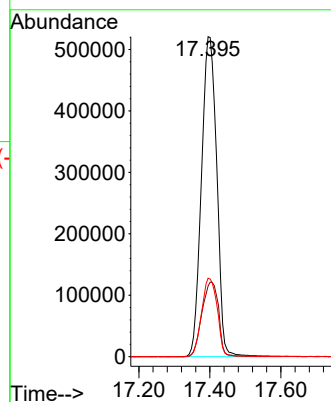
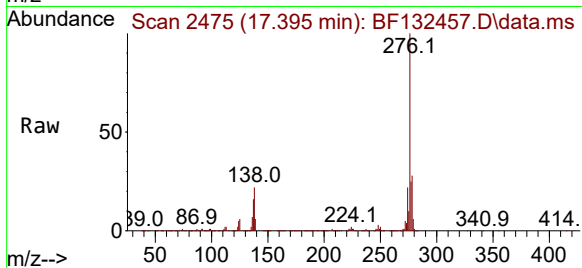
Tgt Ion:276 Resp: 1564692

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.130 ng

RT: 15.319 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF132457.D

Acq: 17 Feb 2023 18:59

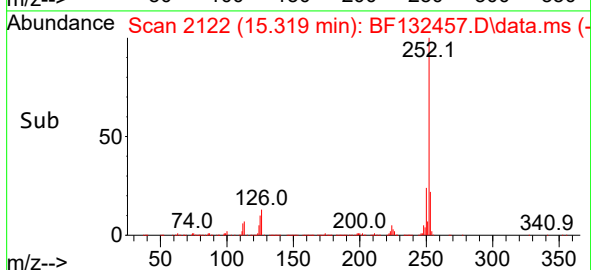
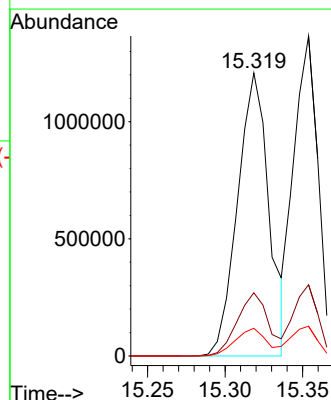
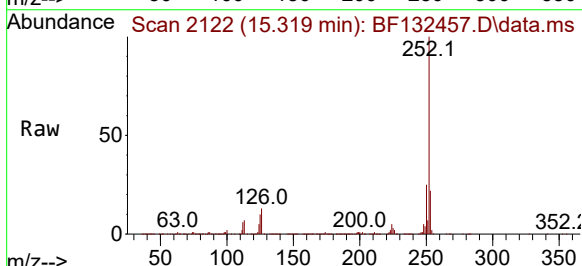
Tgt Ion:252 Resp: 1703108

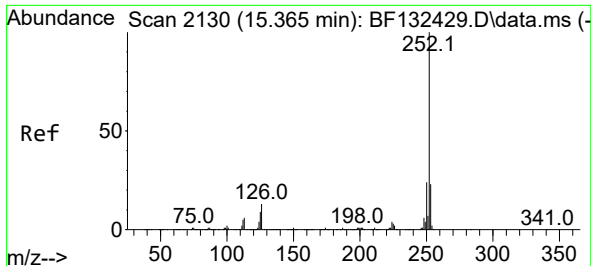
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.8 7.6 11.4

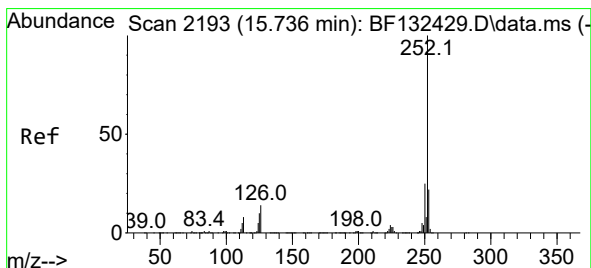
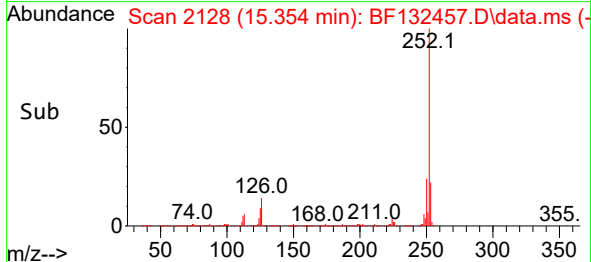
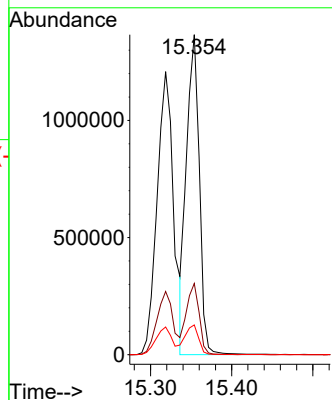
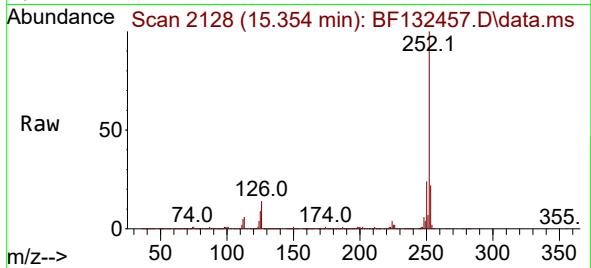




#89
Benzo(k)fluoranthene
Concen: 45.063 ng
RT: 15.354 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

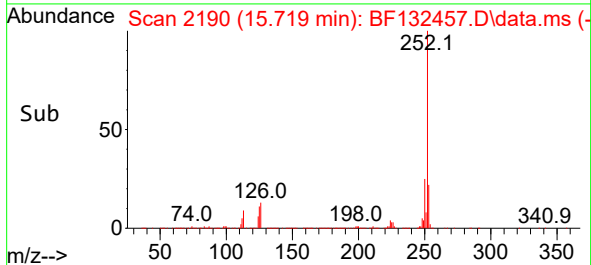
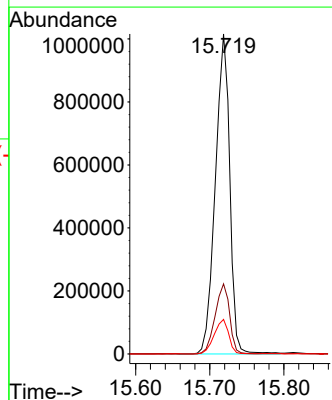
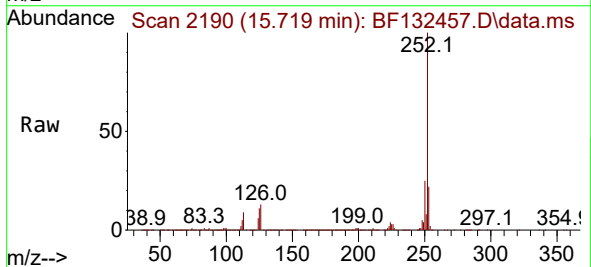
Instrument :
BNA_F
ClientSampleId :
PB150925BSD

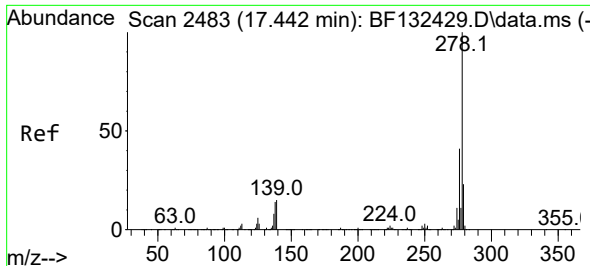
Tgt Ion:252 Resp: 1502110
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.151 ng
RT: 15.719 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:252 Resp: 1366728
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.8 8.2 12.4

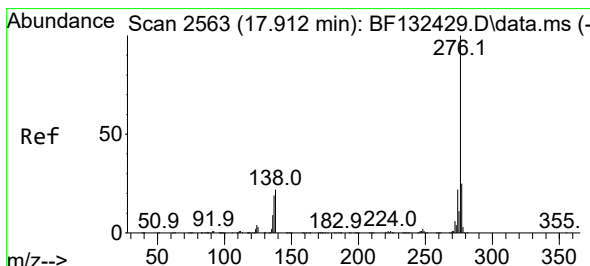
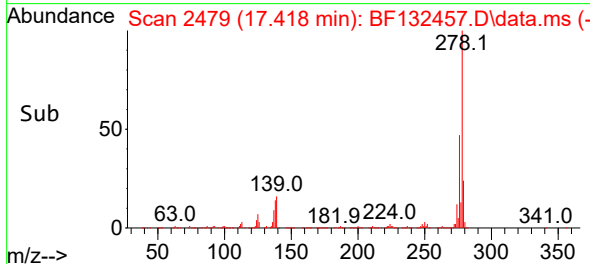
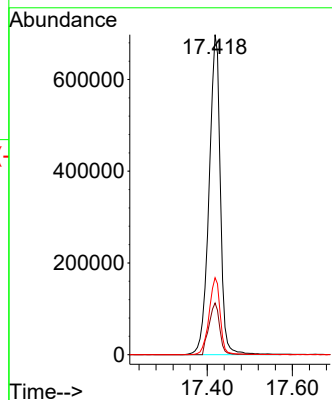
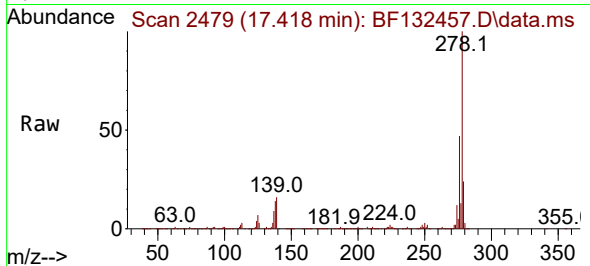




#91
Dibenzo(a,h)anthracene
Concen: 48.131 ng
RT: 17.418 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Instrument :
BNA_F
ClientSampleId :
PB150925BSD

Tgt Ion:278 Resp: 1283588
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.2
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.525 ng
RT: 17.895 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BF132457.D
Acq: 17 Feb 2023 18:59

Tgt Ion:276 Resp: 1328991
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 21.4 17.7 26.5

