

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132456.D
 Acq On : 17 Feb 2023 18:25
 Operator : CG\JU
 Sample : PB150925BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150925BS

Quant Time: Feb 18 01:00:13 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	249794	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	934755	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	491524	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	933743	20.000	ng	0.00
76) Chrysene-d12	14.230	240	606718	20.000	ng	0.00
86) Perylene-d12	15.783	264	499577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1827951	117.258	ng	0.02
7) Phenol-d6	6.654	99	2408837	118.338	ng	0.00
23) Nitrobenzene-d5	7.595	82	1604860	82.495	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	617715	125.958	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2394355	75.227	ng	0.00
79) Terphenyl-d14	13.160	244	2887125	86.664	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.031	88	304412	36.097	ng	99
3) Pyridine	3.760	79	776659	33.928	ng	99
4) n-Nitrosodimethylamine	3.731	42	371328	41.084	ng	92
6) Aniline	6.690	93	869213	30.651	ng	97
8) 2-Chlorophenol	6.807	128	733034	46.060	ng	97
9) Benzaldehyde	6.572	77	214091	19.671	ng	99
10) Phenol	6.666	94	956931	44.360	ng	98
11) bis(2-Chloroethyl)ether	6.754	93	880989	48.146	ng	99
12) 1,3-Dichlorobenzene	6.966	146	758784	43.767	ng	99
13) 1,4-Dichlorobenzene	7.043	146	756024	43.715	ng	99
14) 1,2-Dichlorobenzene	7.195	146	733845	46.315	ng	98
15) Benzyl Alcohol	7.166	79	676708	44.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1121929	44.098	ng	98
17) 2-Methylphenol	7.272	107	618623	40.833	ng	99
18) Hexachloroethane	7.537	117	303140	46.423	ng	93
19) n-Nitroso-di-n-propyla...	7.437	70	530660	42.524	ng	100
20) 3+4-Methylphenols	7.425	107	724099	38.711	ng	# 80
22) Acetophenone	7.437	105	969268	40.009	ng	98
24) Nitrobenzene	7.613	77	863061	40.464	ng	97
25) Isophorone	7.848	82	1598668	41.820	ng	99
26) 2-Nitrophenol	7.925	139	395620	47.714	ng	97
27) 2,4-Dimethylphenol	7.954	122	645008	43.086	ng	99
28) bis(2-Chloroethoxy)met...	8.054	93	938580	42.015	ng	99
29) 2,4-Dichlorophenol	8.166	162	601533	42.592	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	672002	42.784	ng	97
31) Naphthalene	8.337	128	1915068	39.478	ng	100
32) Benzoic acid	8.090	122	503743	46.806	ng	98
33) 4-Chloroaniline	8.390	127	263844	13.091	ng	94
34) Hexachlorobutadiene	8.442	225	420036	42.359	ng	98
35) Caprolactam	8.754	113	133171	29.045	ng	97
36) 4-Chloro-3-methylphenol	8.860	107	671555	42.496	ng	98
37) 2-Methylnaphthalene	9.025	142	1270592	38.919	ng	98
38) 1-Methylnaphthalene	9.125	142	1182935	38.567	ng	100
40) 1,2,4,5-Tetrachloroben...	9.195	216	652005	40.938	ng	99
41) Hexachlorocyclopentadiene	9.178	237	817277	93.428	ng	99
43) 2,4,6-Trichlorophenol	9.301	196	463155	44.145	ng	99

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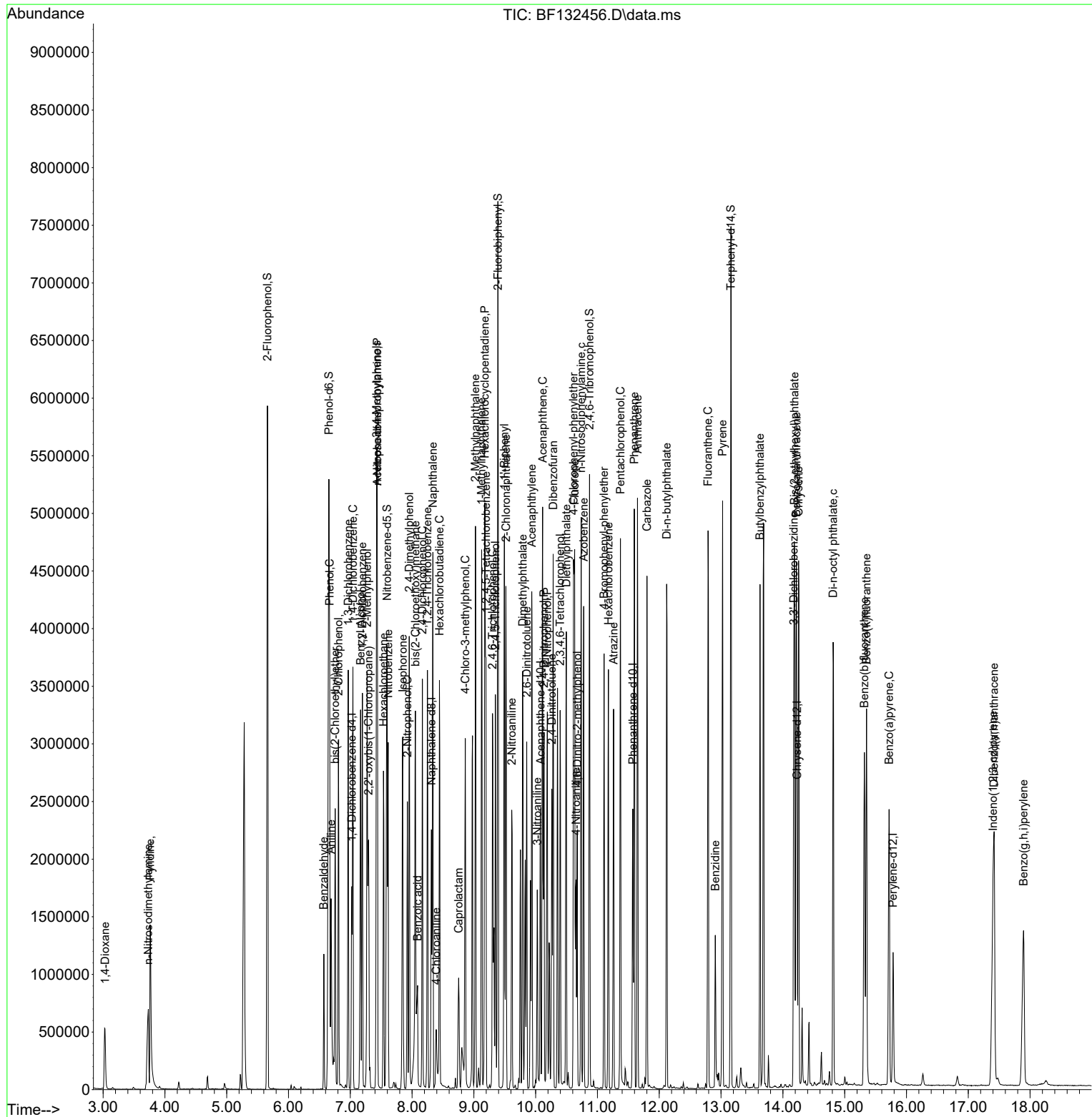
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	489057	40.020	ng	99
46) 1,1'-Biphenyl	9.495	154	1531106	40.247	ng	99
47) 2-Chloronaphthalene	9.519	162	1236686	41.416	ng	100
48) 2-Nitroaniline	9.613	65	446694	42.637	ng	96
49) Acenaphthylene	9.936	152	1877367	39.572	ng	99
50) Dimethylphthalate	9.789	163	1463750	40.439	ng	100
51) 2,6-Dinitrotoluene	9.854	165	338415	42.991	ng	99
52) Acenaphthene	10.113	154	1365193	46.240	ng	99
53) 3-Nitroaniline	10.025	138	276561	30.600	ng	93
54) 2,4-Dinitrophenol	10.136	184	442126	89.782	ng	97
55) Dibenzofuran	10.284	168	1714688	39.143	ng	99
56) 4-Nitrophenol	10.189	139	567912	86.613	ng	92
57) 2,4-Dinitrotoluene	10.260	165	458059	44.205	ng	97
58) Fluorene	10.631	166	1299391	39.235	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.395	232	412420	44.655	ng	98
60) Diethylphthalate	10.495	149	1453633	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	10.613	204	686638	39.591	ng	100
62) 4-Nitroaniline	10.654	138	357507	42.392	ng	96
63) Azobenzene	10.778	77	1575195	40.010	ng	97
65) 4,6-Dinitro-2-methylph...	10.672	198	278679	48.005	ng	90
66) n-Nitrosodiphenylamine	10.736	169	1195874	41.728	ng	100
67) 4-Bromophenyl-phenylether	11.107	248	436629	42.665	ng	98
68) Hexachlorobenzene	11.178	284	481997	45.057	ng	99
69) Atrazine	11.260	200	411987	46.704	ng	99
70) Pentachlorophenol	11.372	266	543519	81.721	ng	98
71) Phenanthrene	11.595	178	1955999	40.672	ng	99
72) Anthracene	11.648	178	1966721	39.781	ng	99
73) Carbazole	11.801	167	1847730	41.520	ng	99
74) Di-n-butylphthalate	12.119	149	2269542	42.816	ng	99
75) Fluoranthene	12.789	202	2140029	39.902	ng	98
77) Benzidine	12.907	184	565152	43.745	ng	98
78) Pyrene	13.025	202	2189555	42.482	ng	99
80) Butylbenzylphthalate	13.630	149	947976	49.291	ng	99
81) Benzo(a)anthracene	14.219	228	1885403	42.429	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	472414	39.802	ng	# 98
83) Chrysene	14.254	228	1730830	40.767	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	1305939	52.455	ng	# 98
85) Di-n-octyl phthalate	14.813	149	2100540	58.104	ng	99
87) Indeno(1,2,3-cd)pyrene	17.401	276	1507452	47.204	ng	99
88) Benzo(b)fluoranthene	15.318	252	1645671	50.092	ng	99
89) Benzo(k)fluoranthene	15.354	252	1506639	45.828	ng	99
90) Benzo(a)pyrene	15.718	252	1349414	44.198	ng	99
91) Dibenzo(a,h)anthracene	17.418	278	1251050	47.564	ng	98
92) Benzo(g,h,i)perylene	17.895	276	1283143	47.502	ng	99

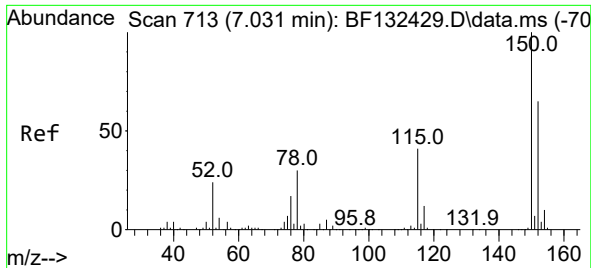
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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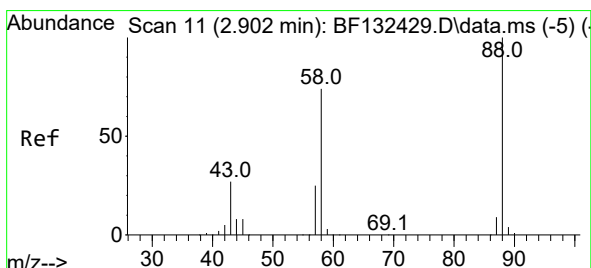
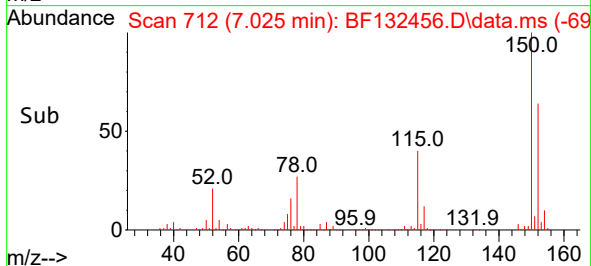
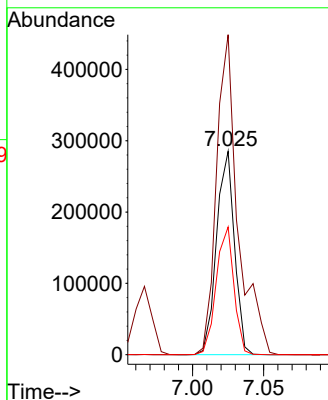
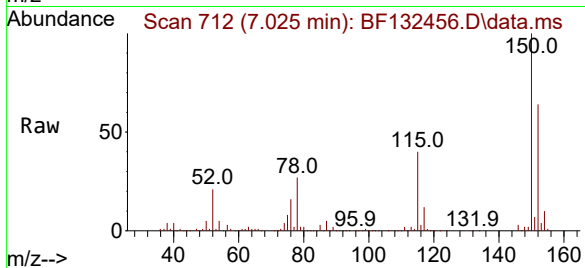




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

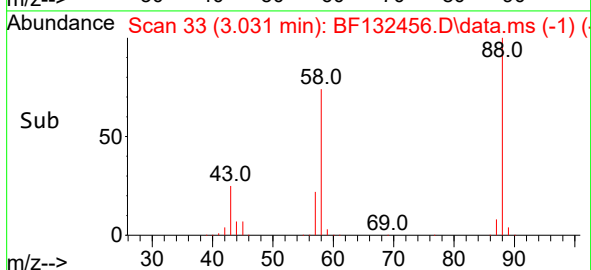
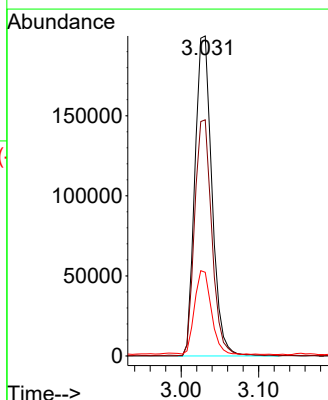
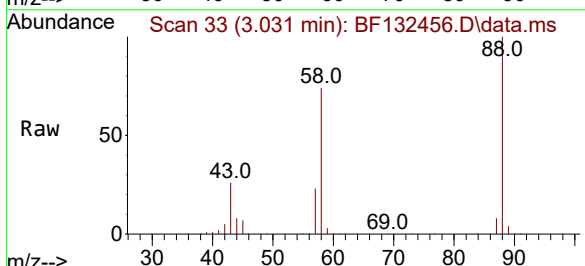
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 ClientSampleId :
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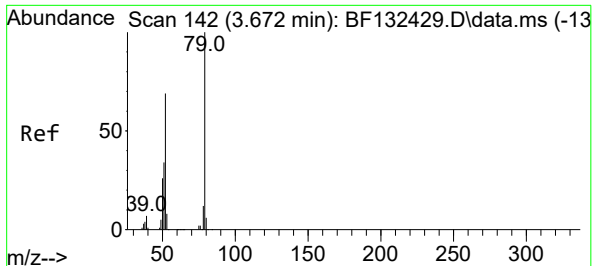
Tgt Ion:152 Resp: 249794
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.8 185.8
 115 62.8 50.4 75.6



#2
 1,4-Dioxane
 Concen: 36.097 ng
 RT: 3.031 min Scan# 33
 Delta R.T. 0.130 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

Tgt Ion: 88 Resp: 304412
 Ion Ratio Lower Upper
 88 100
 58 74.3 60.1 90.1
 43 25.9 21.5 32.3

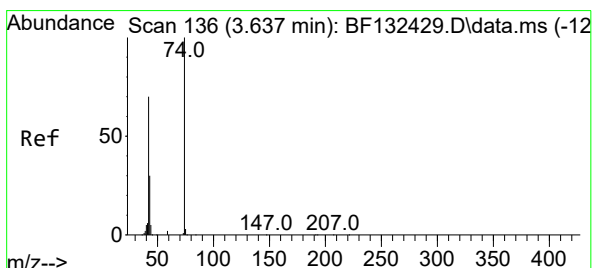
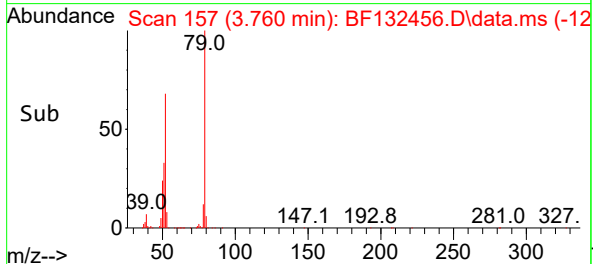
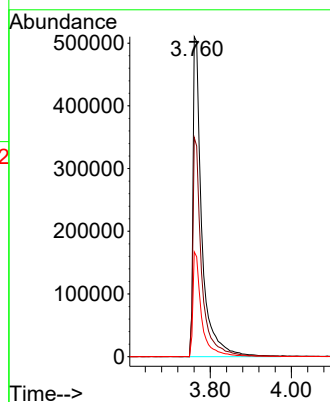
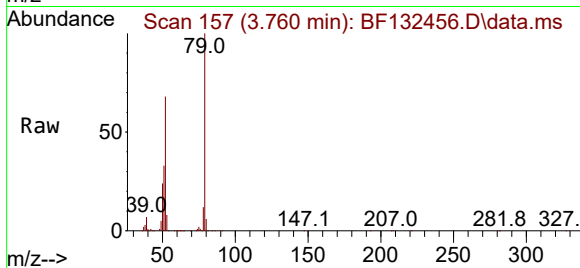




#3
 Pyridine
 Concen: 33.928 ng
 RT: 3.760 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

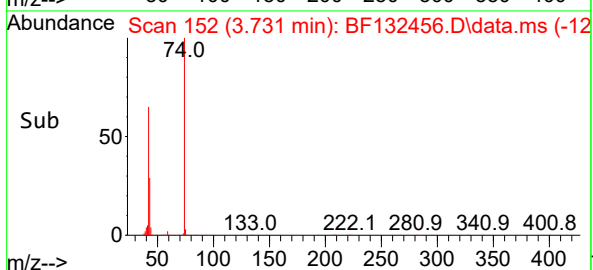
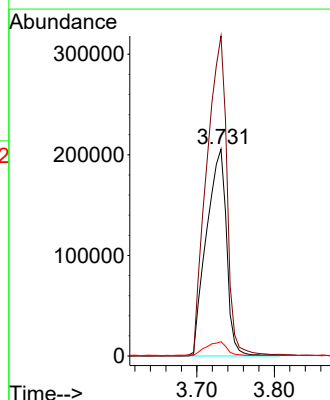
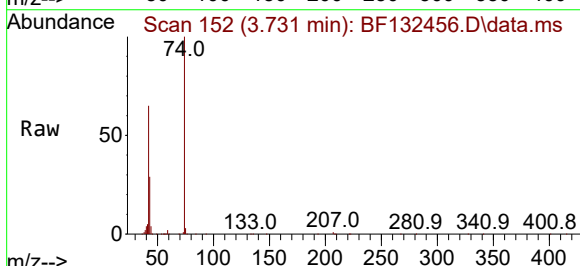
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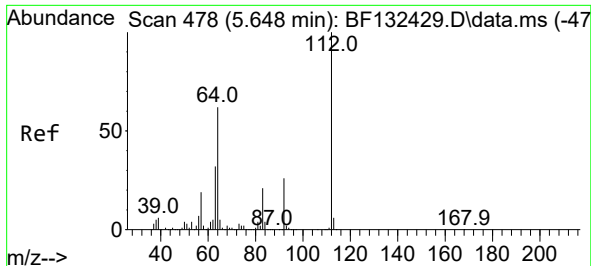
Tgt Ion: 79 Resp: 776659
 Ion Ratio Lower Upper
 79 100
 52 68.4 55.0 82.6
 51 32.7 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 41.084 ng
 RT: 3.731 min Scan# 152
 Delta R.T. 0.088 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

Tgt Ion: 42 Resp: 371328
 Ion Ratio Lower Upper
 42 100
 74 154.7 115.1 172.7
 44 6.9 5.7 8.5

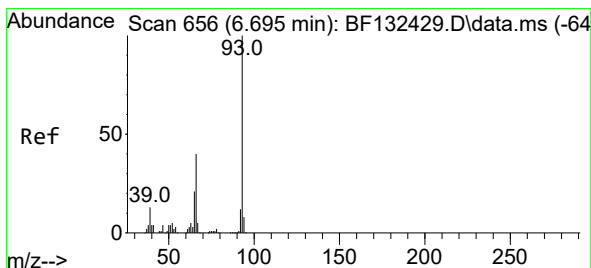
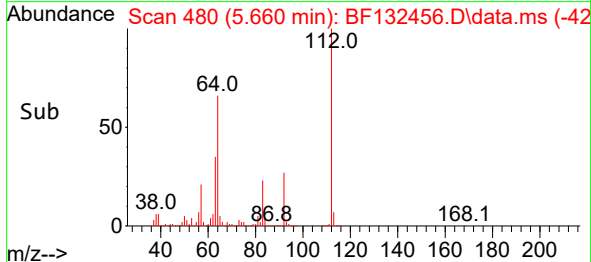
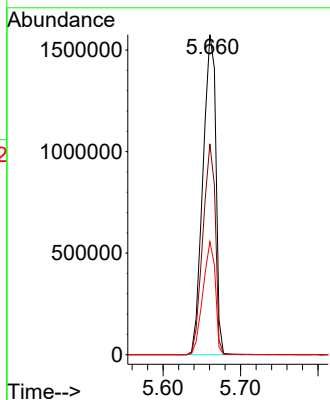
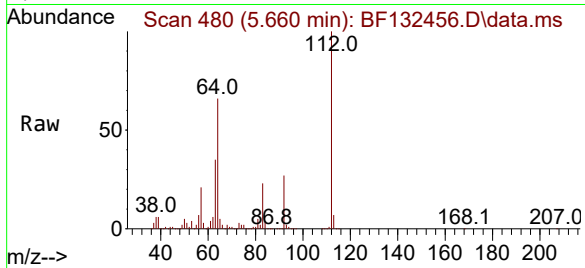




#5
2-Fluorophenol
Concen: 117.258 ng
RT: 5.660 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

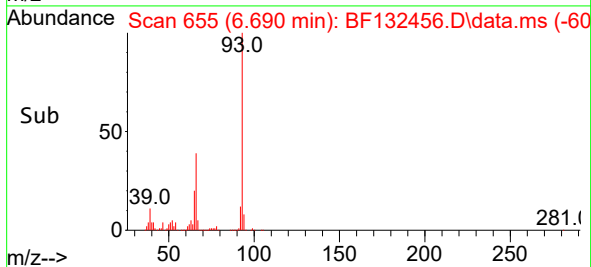
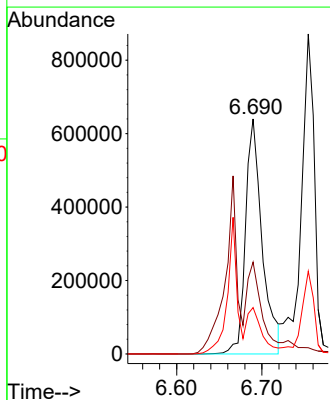
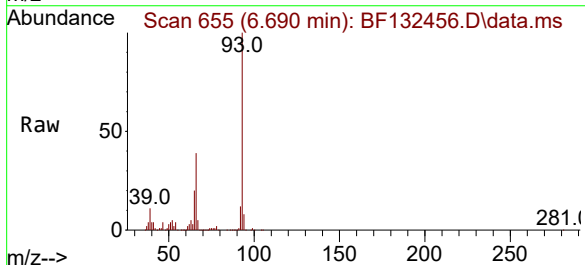
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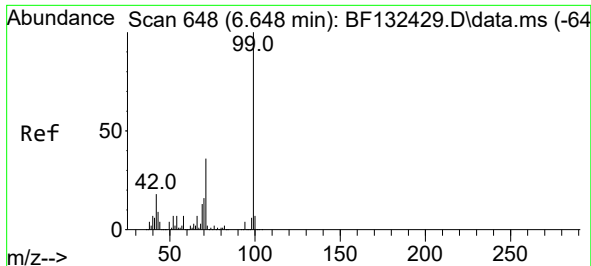
Tgt Ion:112 Resp: 1827951
Ion Ratio Lower Upper
112 100
64 65.9 49.7 74.5
63 35.3 25.8 38.8



#6
Aniline
Concen: 30.651 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion: 93 Resp: 869213
Ion Ratio Lower Upper
93 100
66 39.1 32.7 49.1
65 19.7 17.1 25.7





#7

Phenol-d6

Concen: 118.338 ng

RT: 6.654 min Scan# 648

Delta R.T. 0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

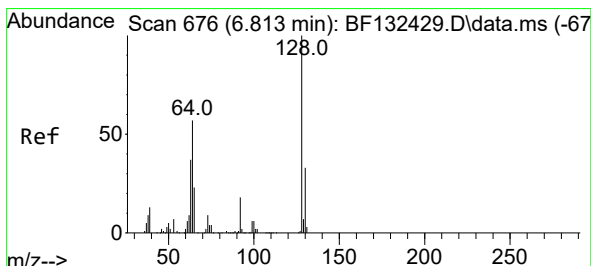
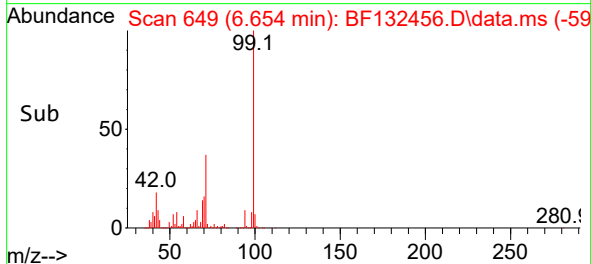
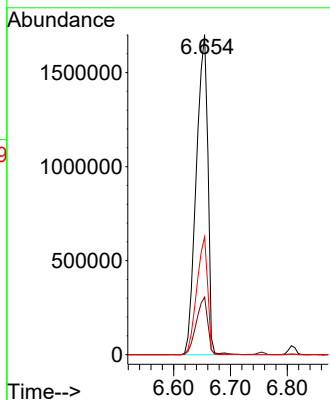
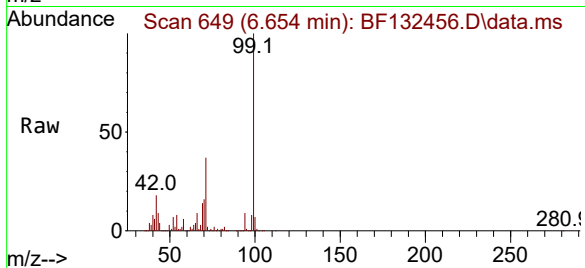
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ClientSampleId :

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Tgt Ion: 99 Resp: 2408837

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	36.8	28.7	43.1



#8

2-Chlorophenol

Concen: 46.060 ng

RT: 6.807 min Scan# 675

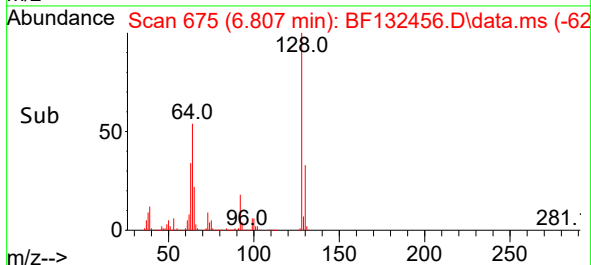
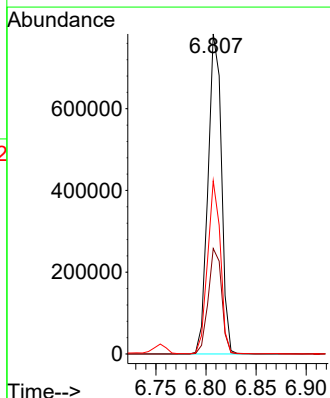
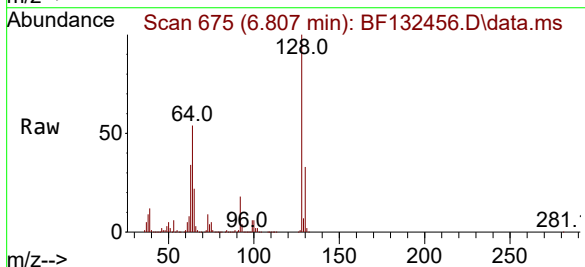
Delta R.T. -0.006 min

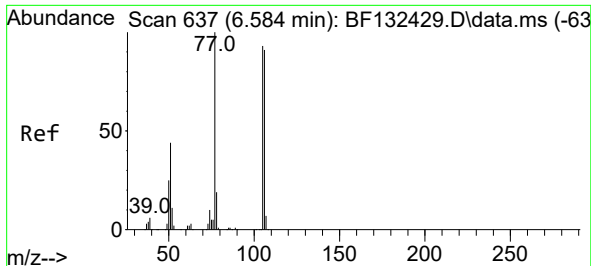
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Tgt Ion: 128 Resp: 733034

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	54.1	37.9	77.9

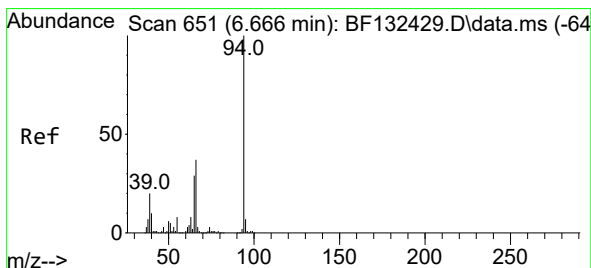
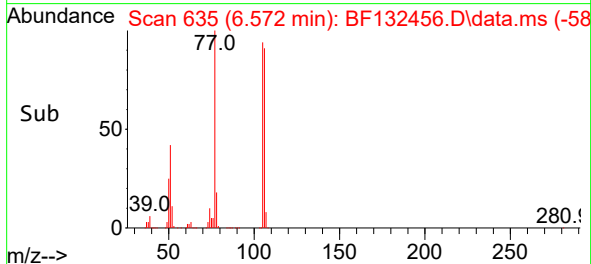
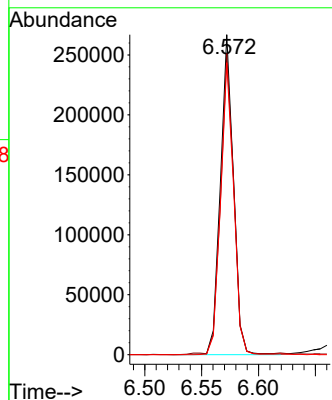
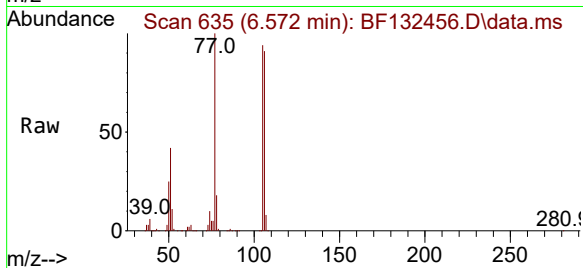




#9
Benzaldehyde
Concen: 19.671 ng
RT: 6.572 min Scan# 61
Delta R.T. -0.006 min
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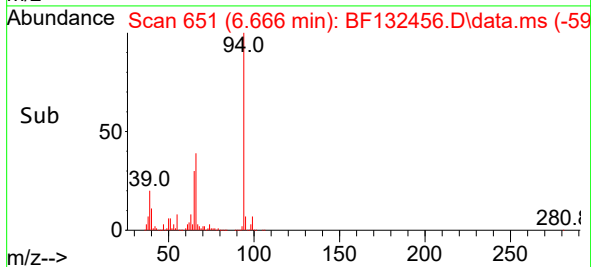
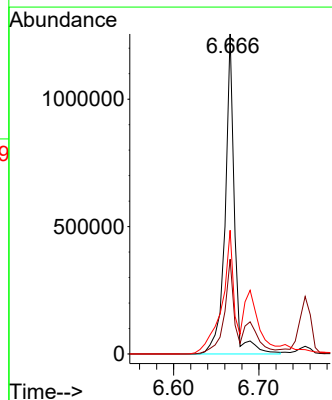
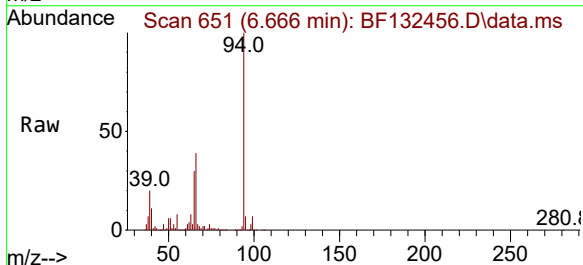
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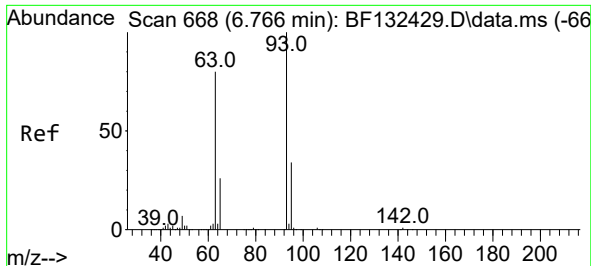
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Ion Ratio Lower Upper
77 100
105 94.1 73.2 113.2
106 91.2 71.5 111.5



#10
Phenol
Concen: 44.360 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion: 94 Resp: 956931
Ion Ratio Lower Upper
94 100
65 29.6 9.0 49.0
66 38.6 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 48.146 ng

RT: 6.754 min Scan# 6

Delta R.T. -0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

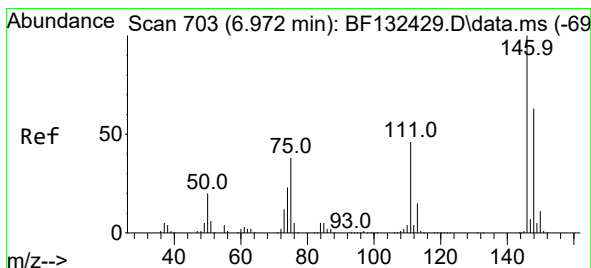
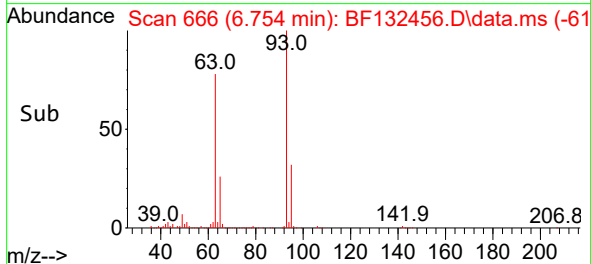
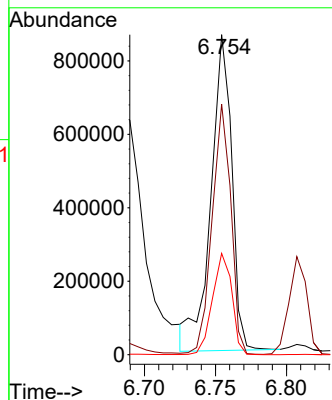
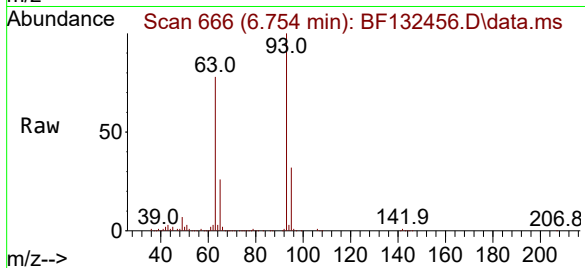
Tgt Ion: 93 Resp: 880989

Ion Ratio Lower Upper

93 100

63 78.3 58.6 98.6

95 31.6 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 43.767 ng

RT: 6.966 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

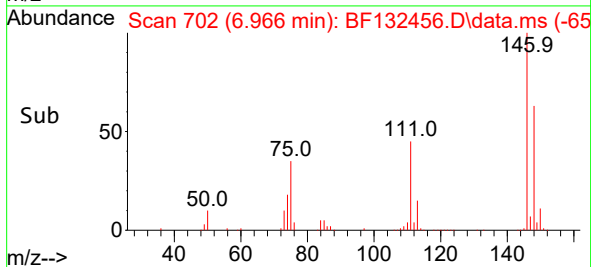
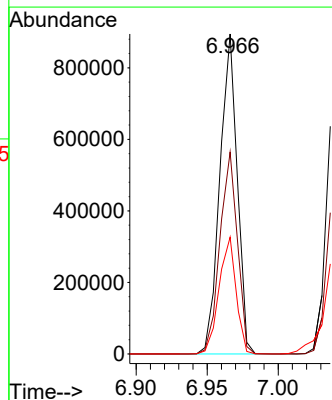
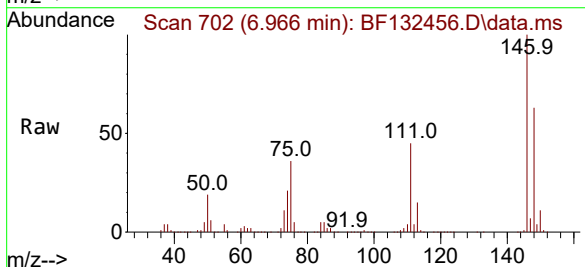
Tgt Ion:146 Resp: 758784

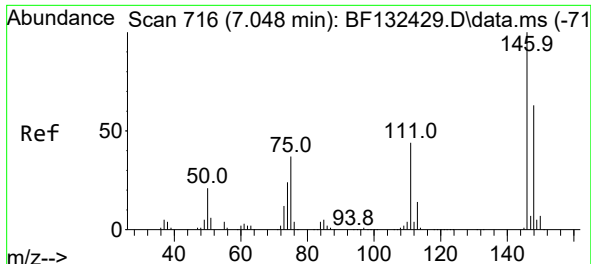
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

75 36.5 30.3 45.5

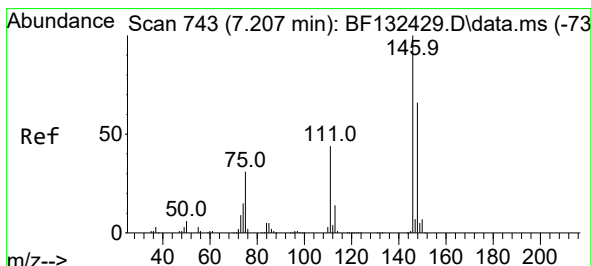
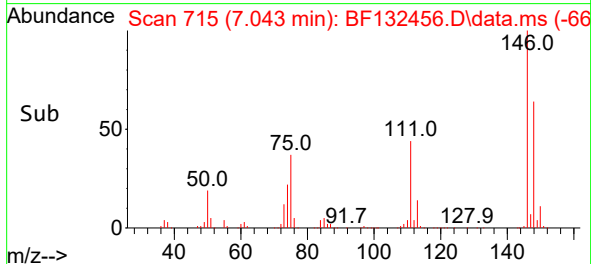
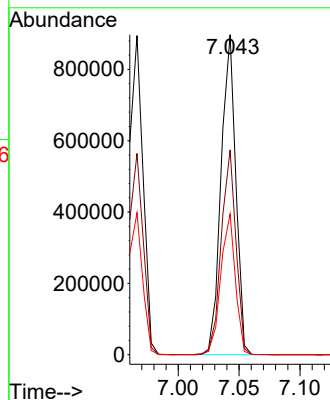
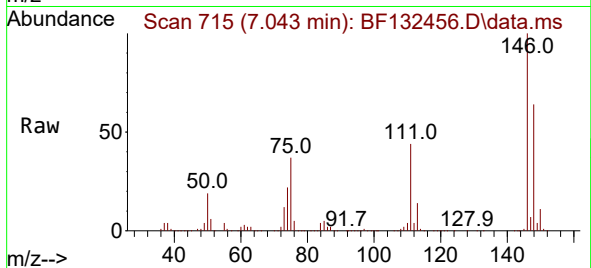




#13
1,4-Dichlorobenzene
Concen: 43.715 ng
RT: 7.043 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

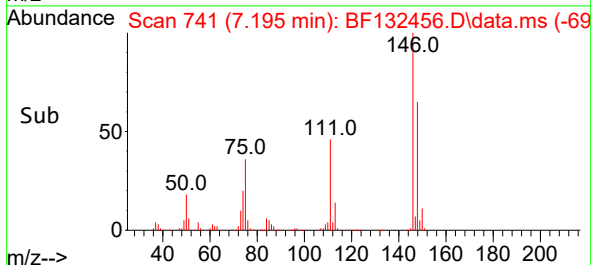
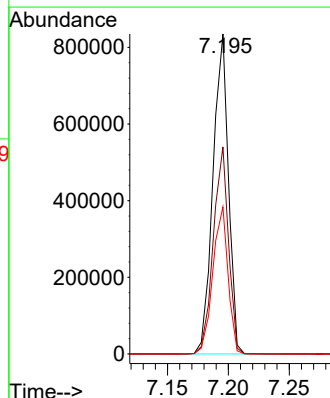
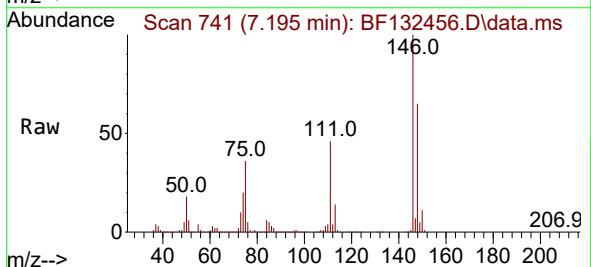
Instrument :
BNA_F
ClientSampleId :
PB150925BS

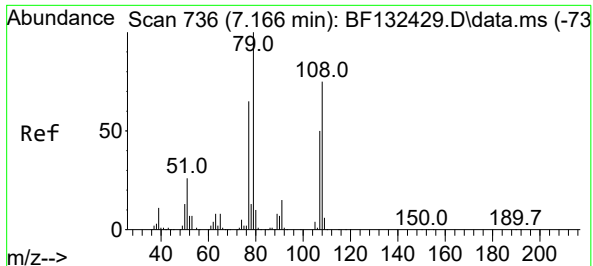
Tgt Ion:146 Resp: 756024
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 44.0 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 46.315 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:146 Resp: 733845
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 45.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 44.944 ng

RT: 7.166 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

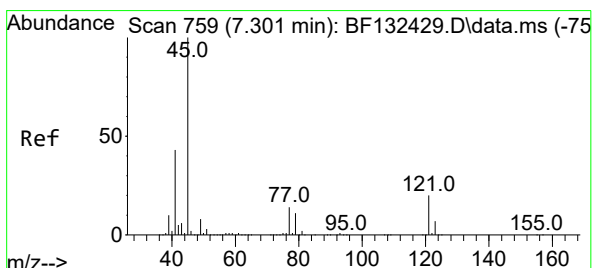
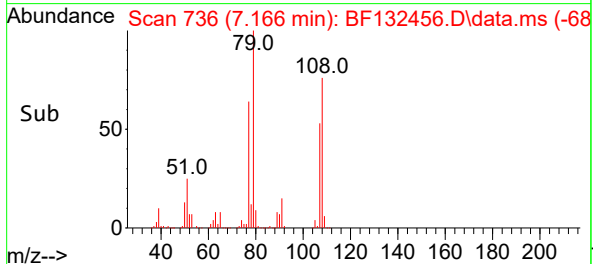
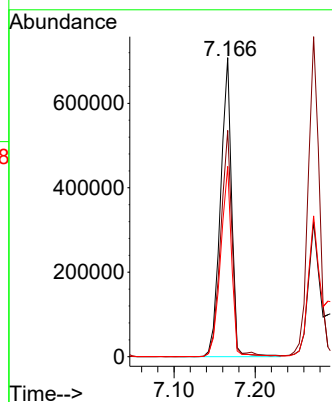
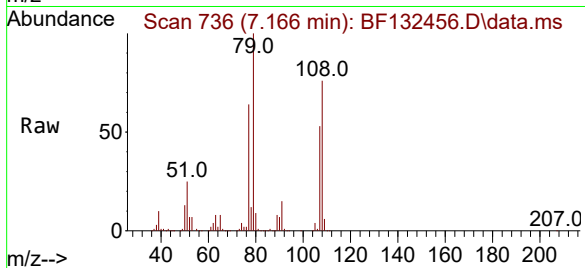
Tgt Ion: 79 Resp: 676708

Ion Ratio Lower Upper

79 100

108 75.7 59.8 89.6

77 63.6 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.098 ng

RT: 7.295 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

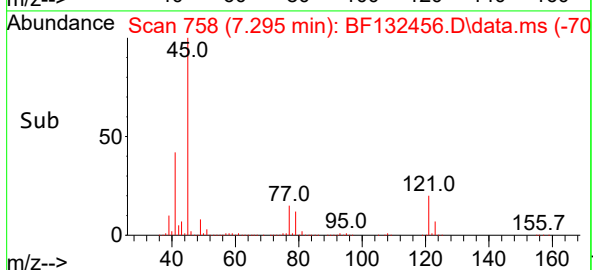
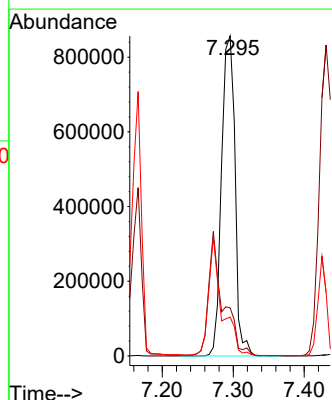
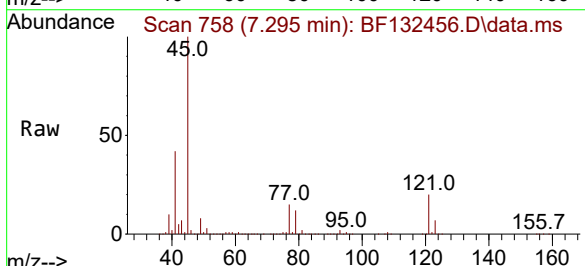
Tgt Ion: 45 Resp: 1121929

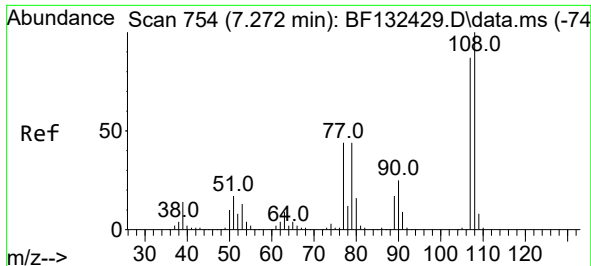
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.3

79 12.2 0.0 31.3

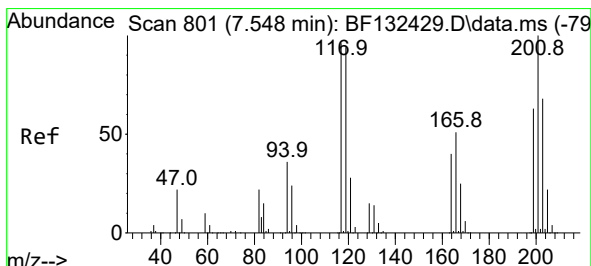
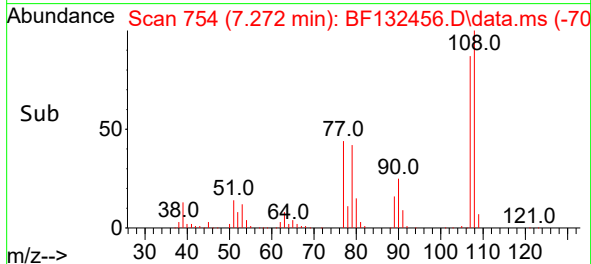
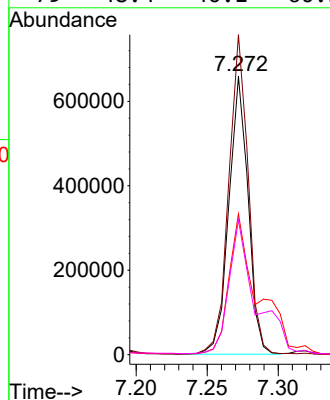
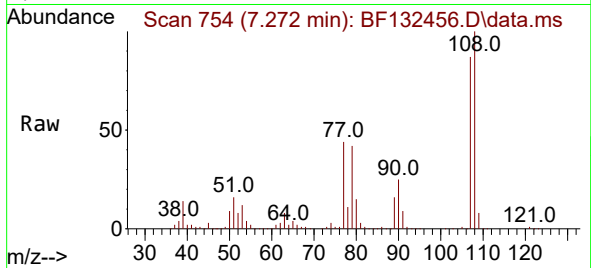




#17
2-Methylphenol
Concen: 40.833 ng
RT: 7.272 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

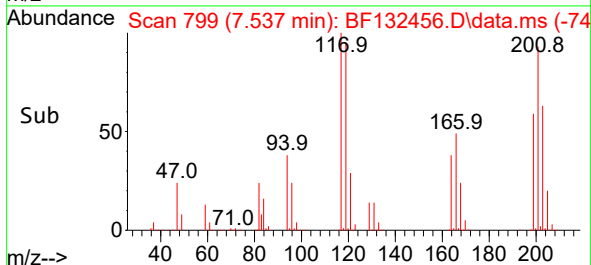
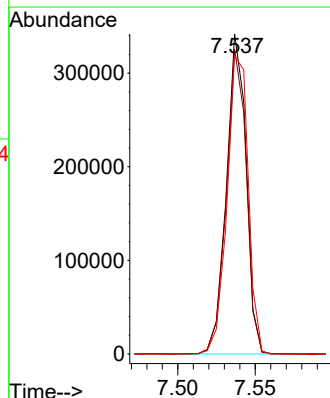
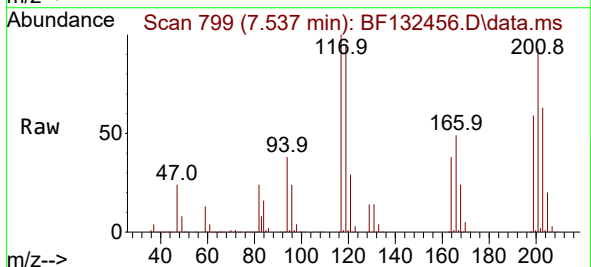
Instrument :
BNA_F
ClientSampleId :
PB150925BS

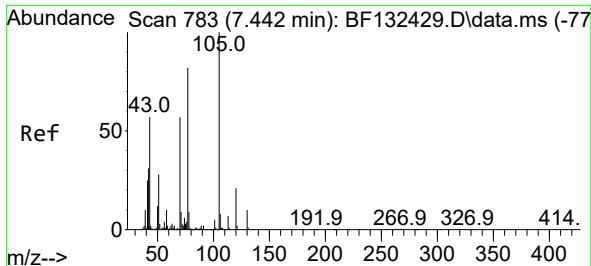
Tgt Ion:107 Resp: 618623
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 50.6 40.7 61.1
79 48.4 40.1 60.1



#18
Hexachloroethane
Concen: 46.423 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:117 Resp: 303140
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2
201 93.1 83.5 125.3

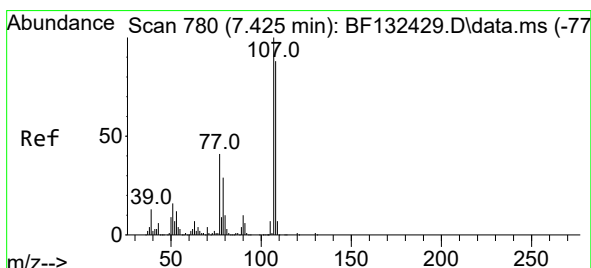
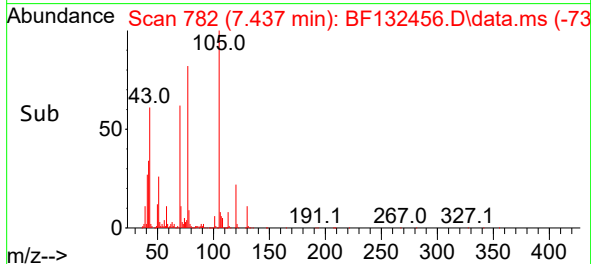
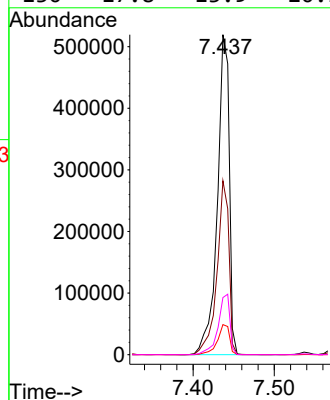
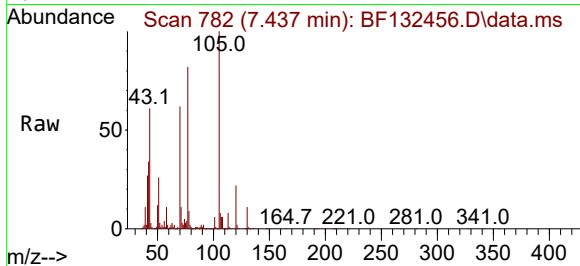




#19
n-Nitroso-di-n-propylamine
Concen: 42.524 ng
RT: 7.437 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

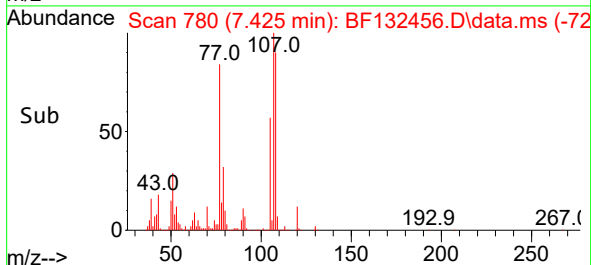
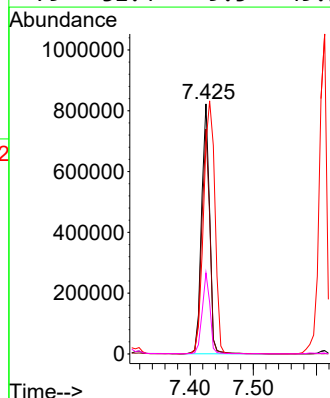
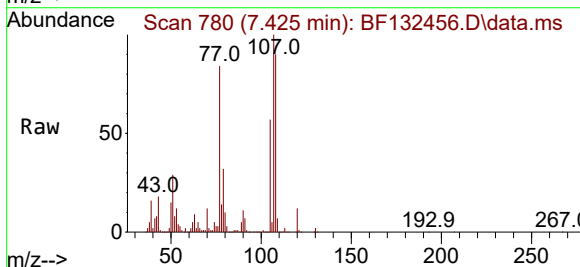
Instrument :
BNA_F
ClientSampleId :
PB150925BS

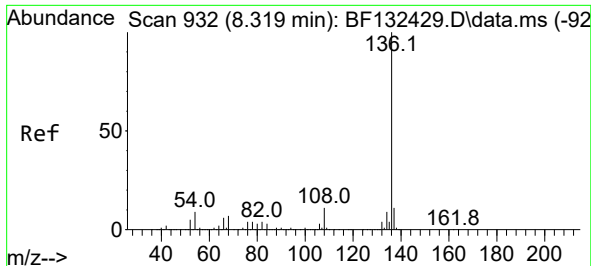
Tgt Ion: 70 Resp: 530660
Ion Ratio Lower Upper
70 100
42 54.3 43.5 65.3
101 9.4 7.3 10.9
130 17.8 13.9 20.9



#20
3+4-Methylphenols
Concen: 38.711 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion: 107 Resp: 724099
Ion Ratio Lower Upper
107 100
108 90.0 68.1 108.1
77 84.1 21.3 61.3#
79 32.4 9.5 49.5

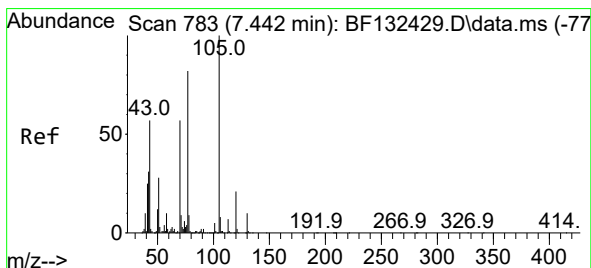
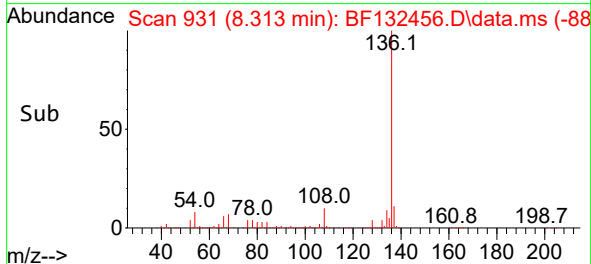
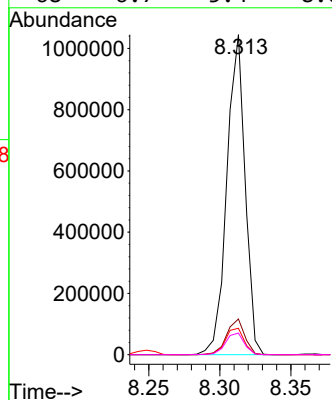
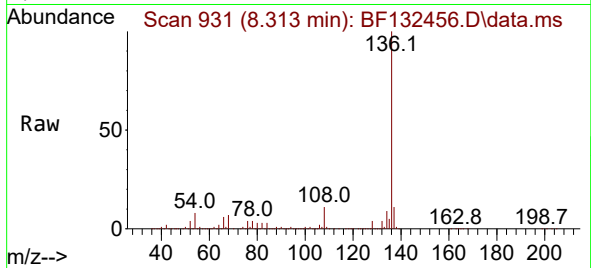




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

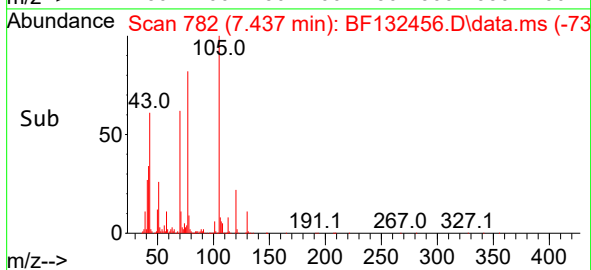
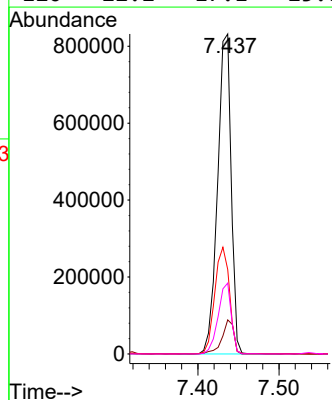
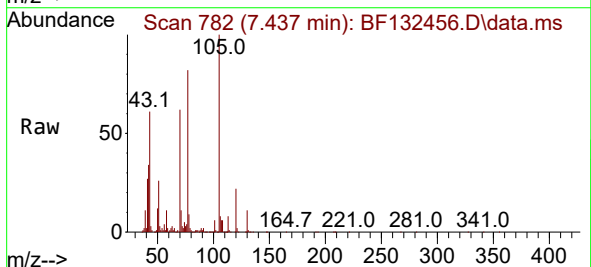
Instrument :
BNA_F
ClientSampleId :
PB150925BS

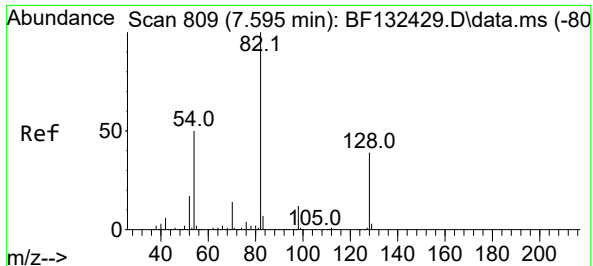
Tgt Ion:136 Resp: 934755
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 6.9 10.3
68 6.7 5.4 8.0



#22
Acetophenone
Concen: 40.009 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:105 Resp: 969268
Ion Ratio Lower Upper
105 100
71 10.7 7.3 10.9
51 26.4 22.2 33.2
120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 82.495 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

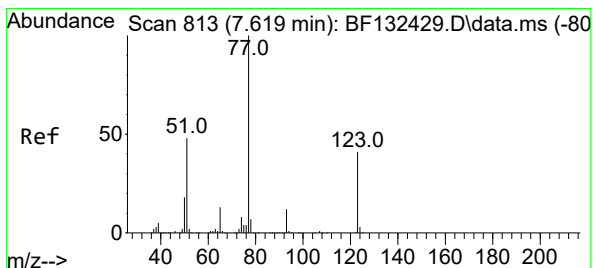
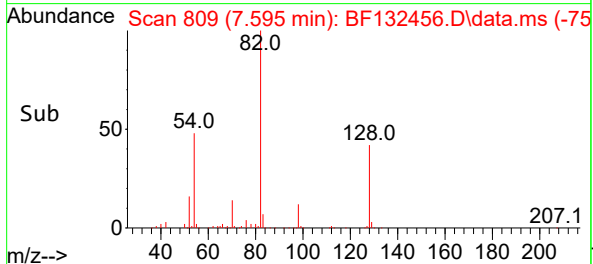
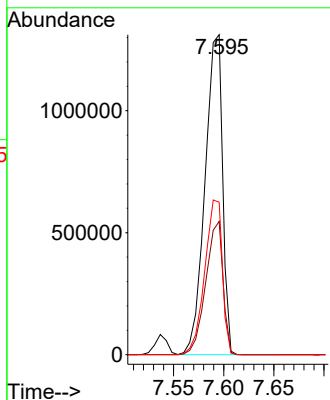
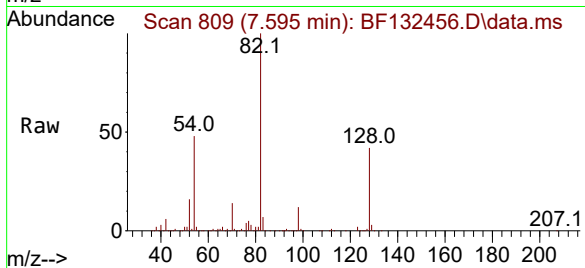
Tgt Ion: 82 Resp: 1604860

Ion Ratio Lower Upper

82 100

128 41.7 30.8 46.2

54 47.6 40.2 60.4



#24

Nitrobenzene

Concen: 40.464 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

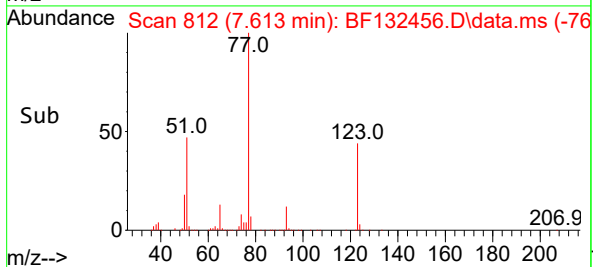
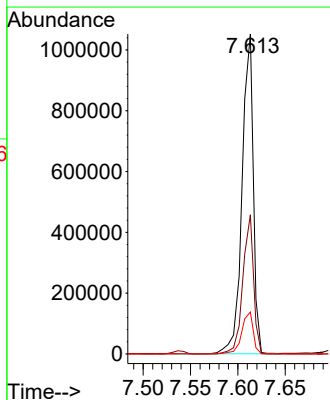
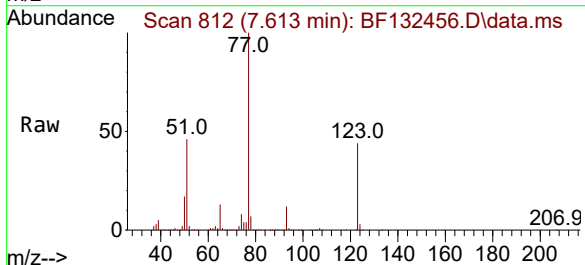
Tgt Ion: 77 Resp: 863061

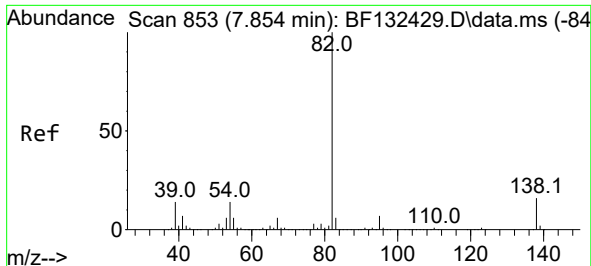
Ion Ratio Lower Upper

77 100

123 43.5 33.2 49.8

65 13.1 10.4 15.6

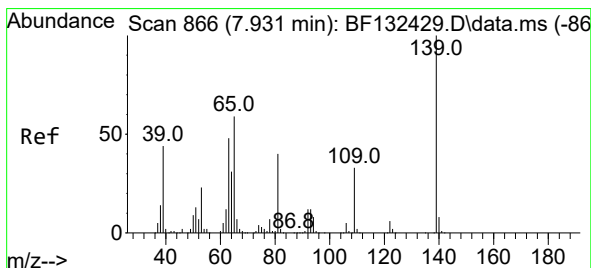
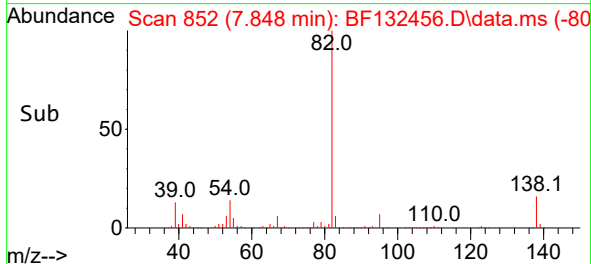
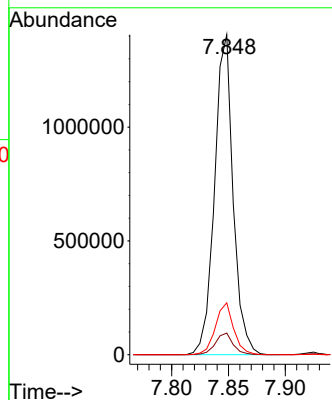
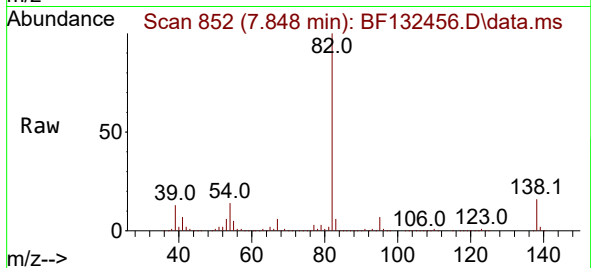




#25
Isophorone
Concen: 41.820 ng
RT: 7.848 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

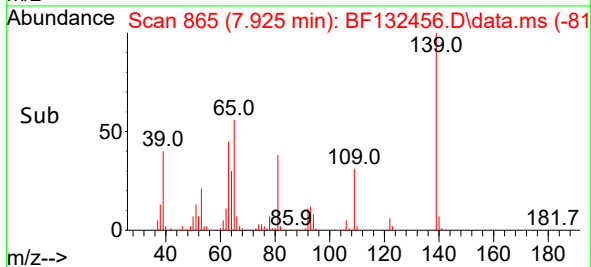
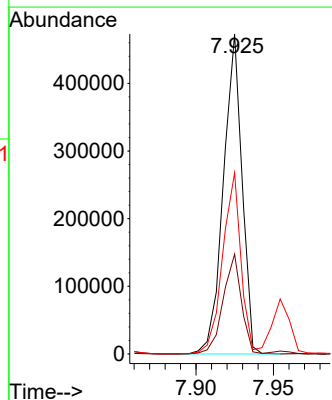
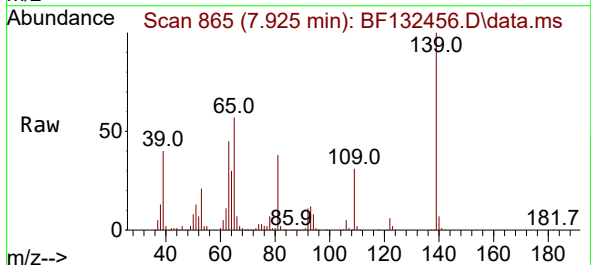
Instrument :
BNA_F
ClientSampleId :
PB150925BS

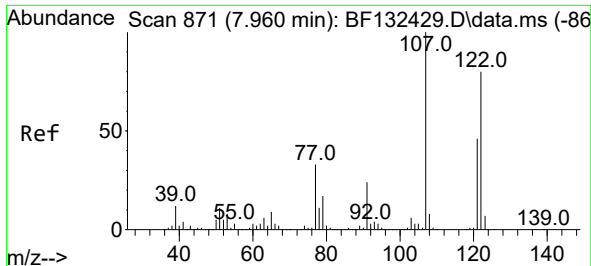
Tgt Ion: 82 Resp: 1598668
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.2 12.7 19.1



#26
2-Nitrophenol
Concen: 47.714 ng
RT: 7.925 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:139 Resp: 395620
Ion Ratio Lower Upper
139 100
109 31.2 26.3 39.5
65 56.6 47.4 71.0

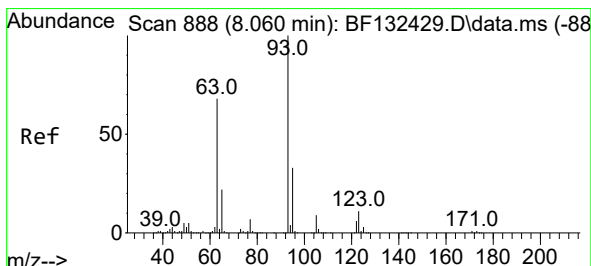
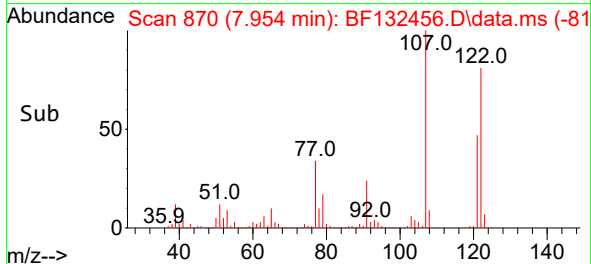
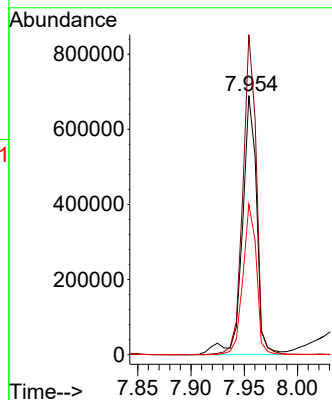
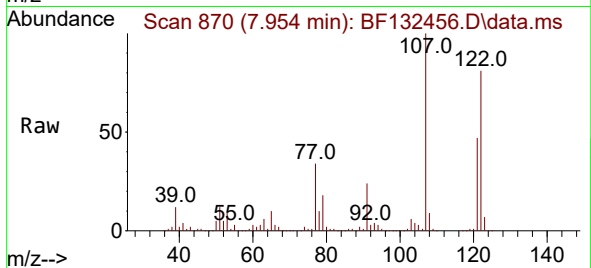




#27
2,4-Dimethylphenol
Concen: 43.086 ng
RT: 7.954 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

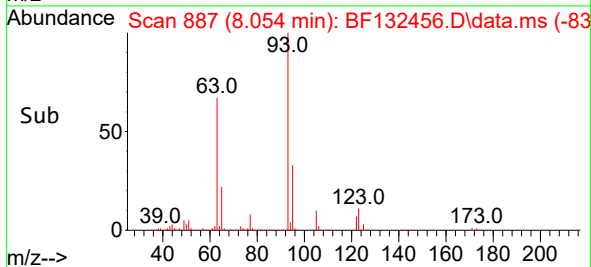
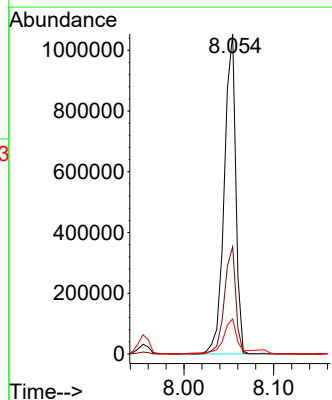
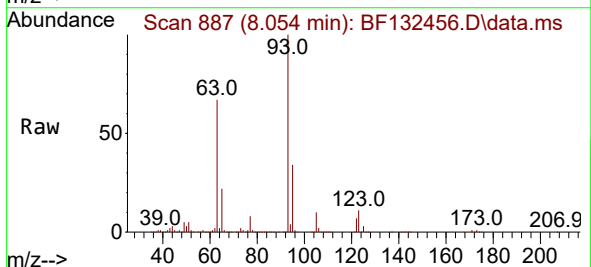
Instrument :
BNA_F
ClientSampleId :
PB150925BS

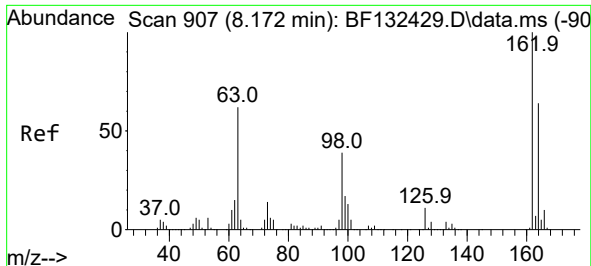
Tgt Ion:122 Resp: 645008
Ion Ratio Lower Upper
122 100
107 123.5 99.9 149.9
121 58.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.015 ng
RT: 8.054 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion: 93 Resp: 938580
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.592 ng

RT: 8.166 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

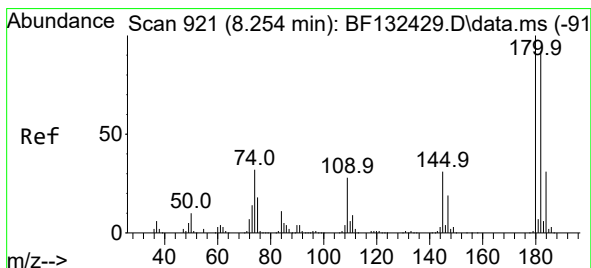
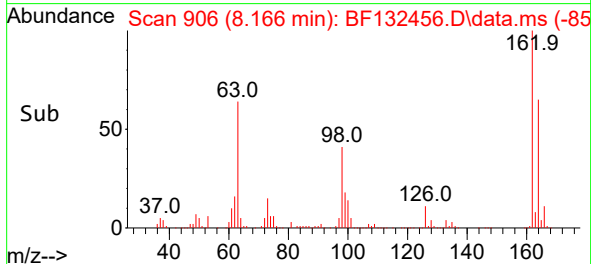
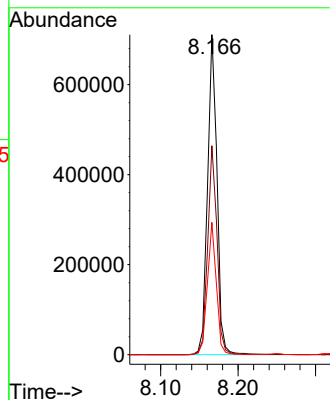
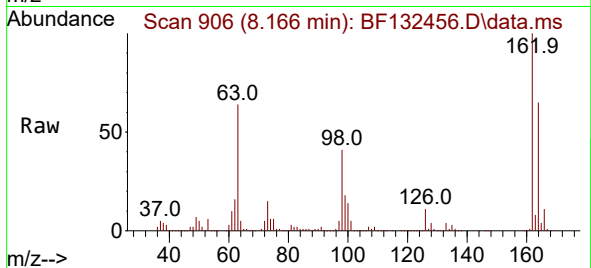
Tgt Ion:162 Resp: 601533

Ion Ratio Lower Upper

162 100

164 65.3 44.0 84.0

98 41.3 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 42.784 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

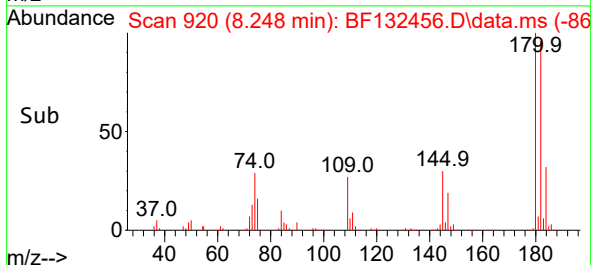
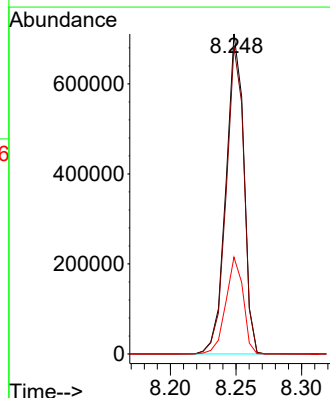
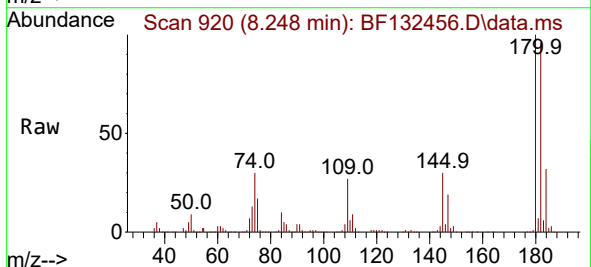
Tgt Ion:180 Resp: 672002

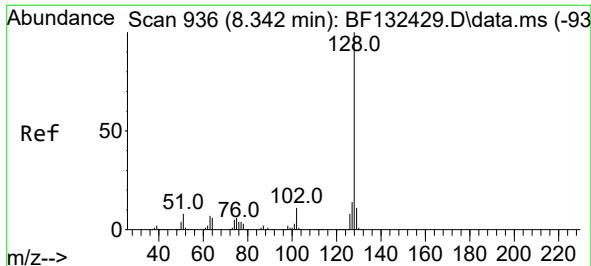
Ion Ratio Lower Upper

180 100

182 96.1 73.8 110.8

145 30.2 24.4 36.6

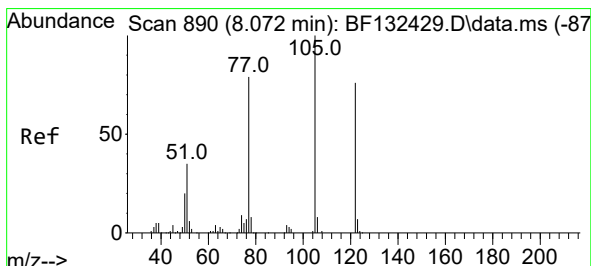
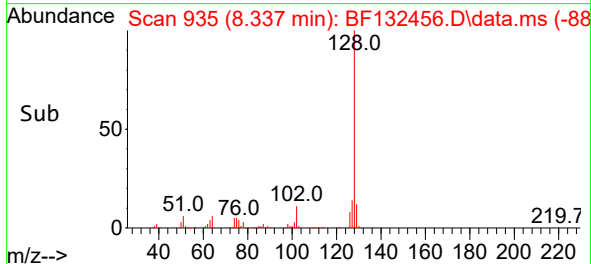
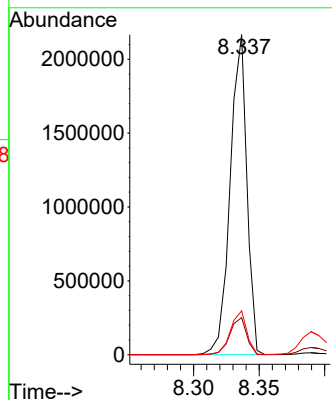
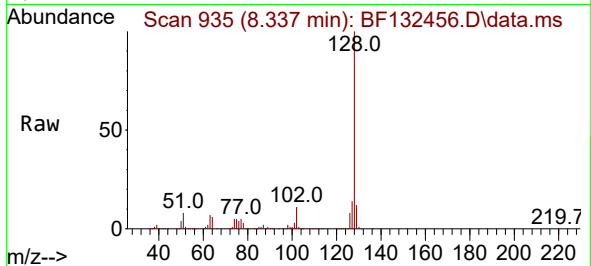




#31
Naphthalene
Concen: 39.478 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

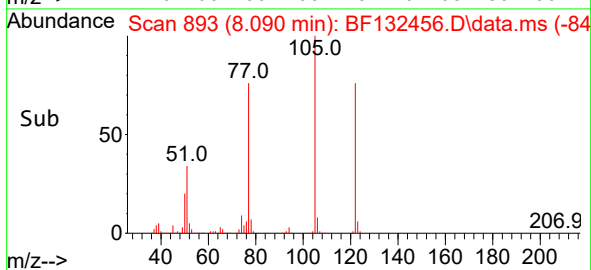
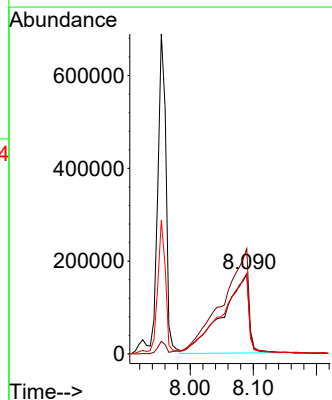
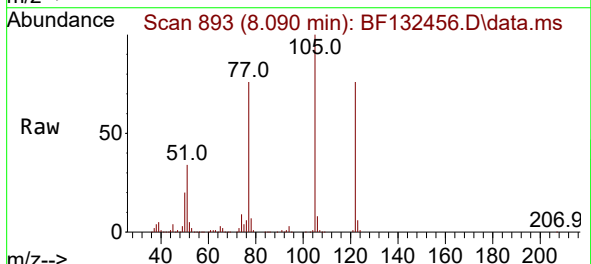
Instrument :
BNA_F
ClientSampleId :
PB150925BS

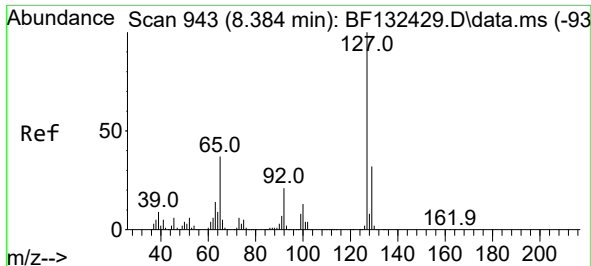
Tgt Ion:128 Resp: 1915068
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 46.806 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.012 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:122 Resp: 503743
Ion Ratio Lower Upper
122 100
105 131.9 109.7 149.7
77 100.8 83.8 123.8

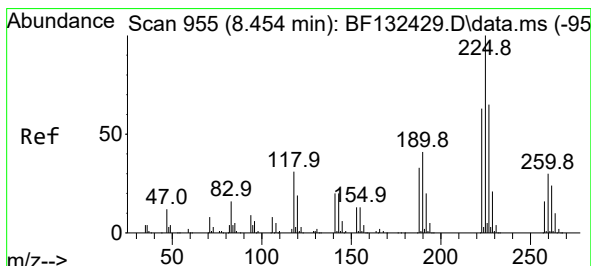
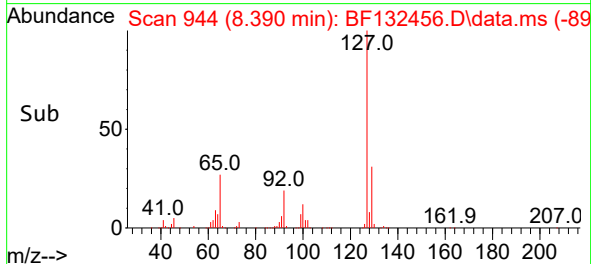
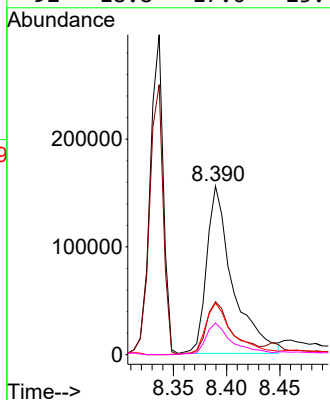
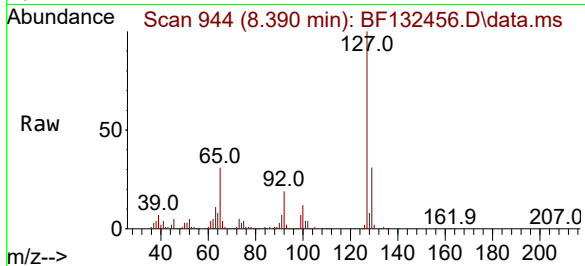




#33
4-Chloroaniline
Concen: 13.091 ng
RT: 8.390 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

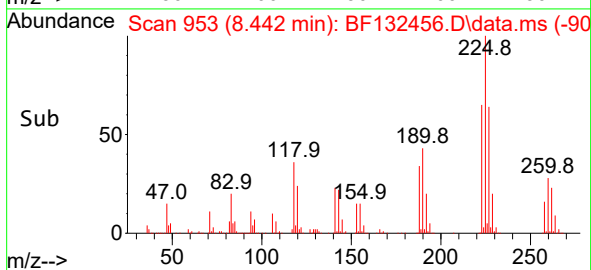
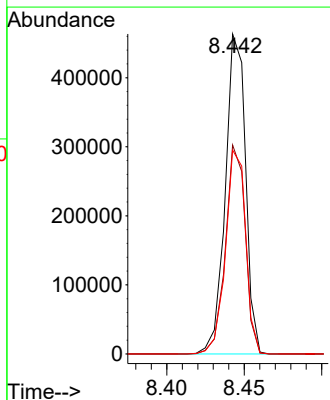
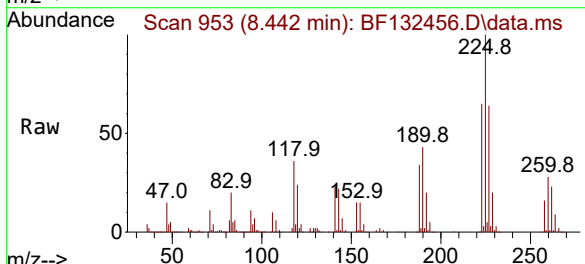
Instrument :
BNA_F
ClientSampleId :
PB150925BS

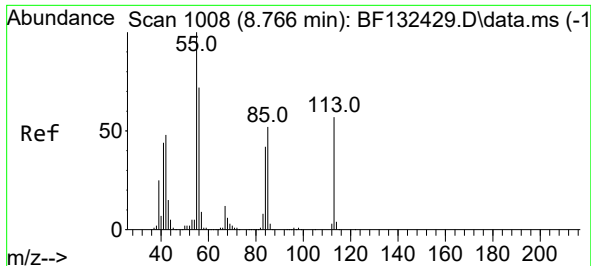
Tgt Ion:	127	Resp:	263844
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	30.6	29.8	44.6
92	18.8	17.0	25.4



#34
Hexachlorobutadiene
Concen: 42.359 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

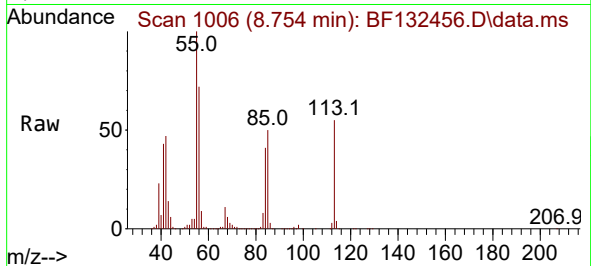
Tgt Ion:	225	Resp:	420036
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	76.0
227	63.7	52.2	78.4



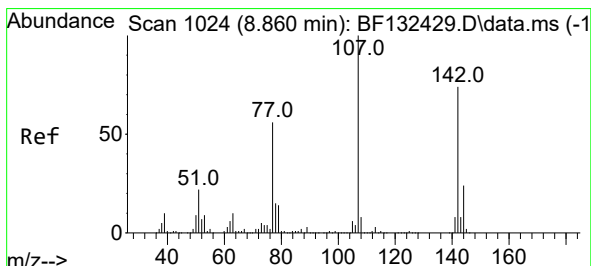
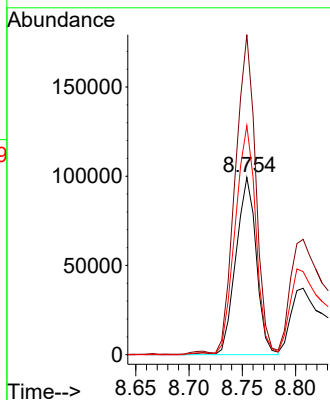
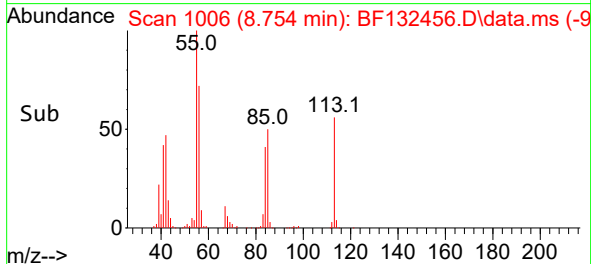


#35
 Caprolactam
 Concen: 29.045 ng
 RT: 8.754 min Scan# 1006
 Delta R.T. -0.012 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB150925BS

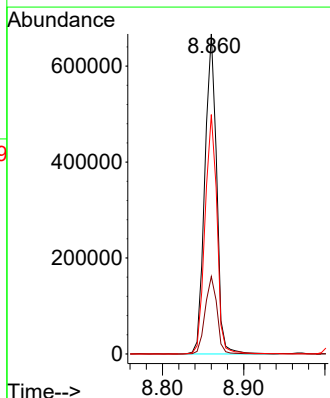
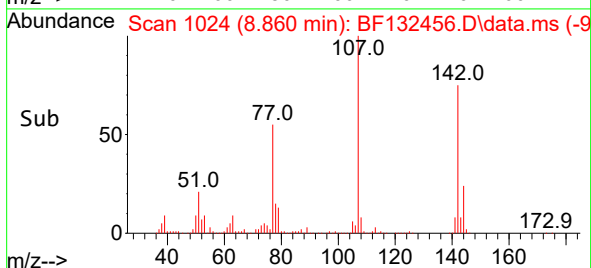
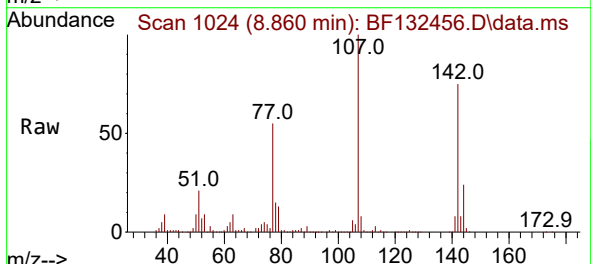


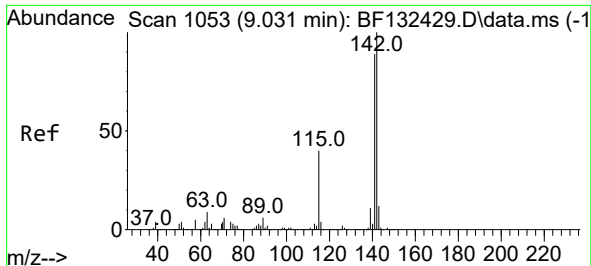
Tgt Ion:113 Resp: 133171
 Ion Ratio Lower Upper
 113 100
 55 180.5 155.8 195.8
 56 129.2 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.496 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

Tgt Ion:107 Resp: 671555
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.8 28.2
 142 74.8 58.8 88.2





#37

2-Methylnaphthalene

Concen: 38.919 ng

RT: 9.025 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

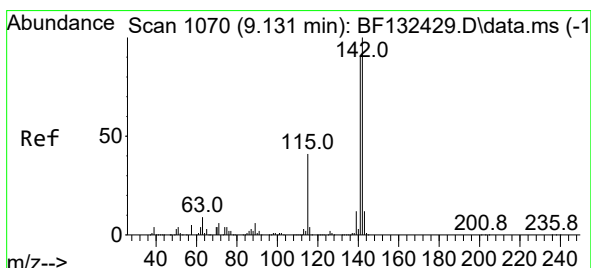
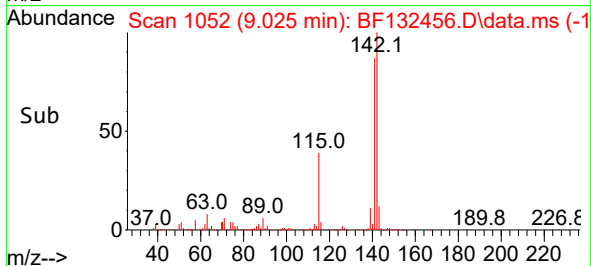
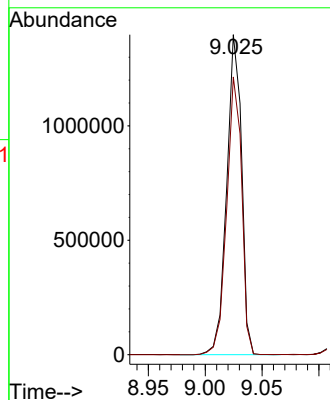
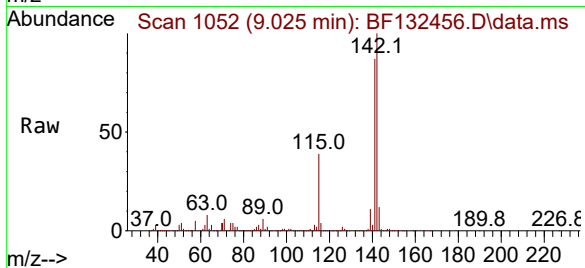
PB150925BS

Tgt Ion:142 Resp: 1270592

Ion Ratio Lower Upper

142 100

141 86.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.567 ng

RT: 9.125 min Scan# 1069

Delta R.T. 0.000 min

Lab File: BF132456.D

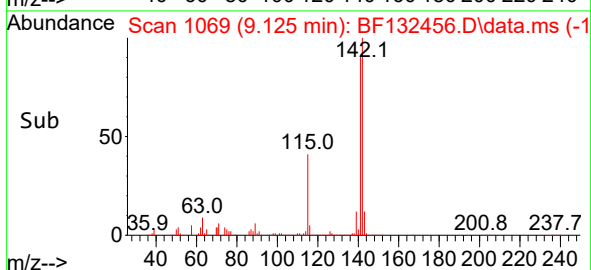
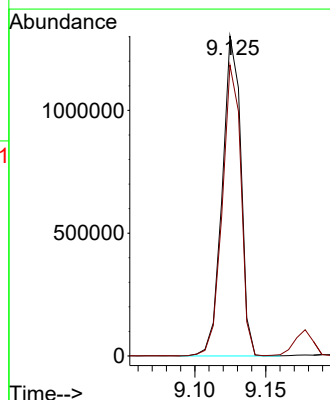
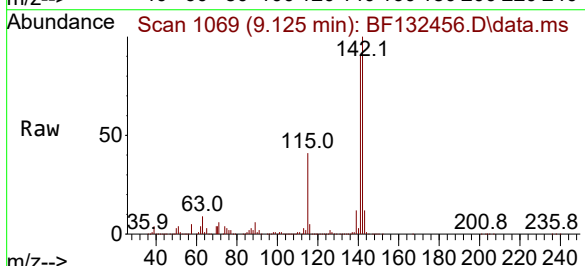
Acq: 17 Feb 2023 18:25

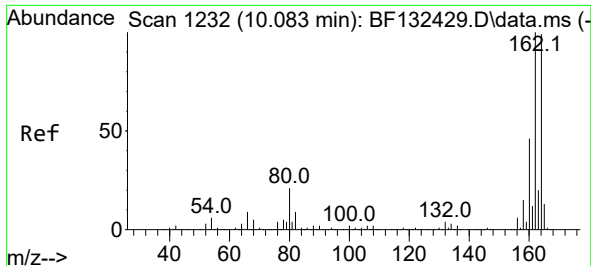
Tgt Ion:142 Resp: 1182935

Ion Ratio Lower Upper

142 100

141 90.9 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: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

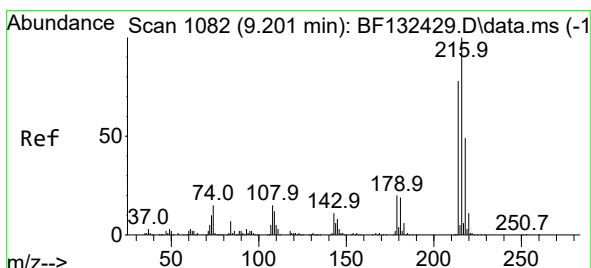
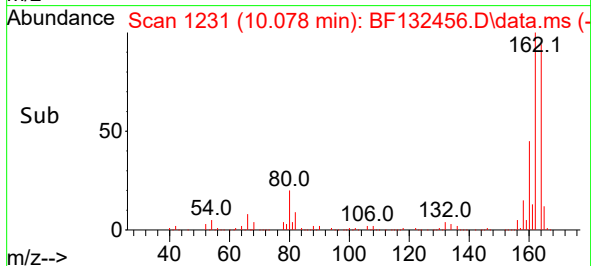
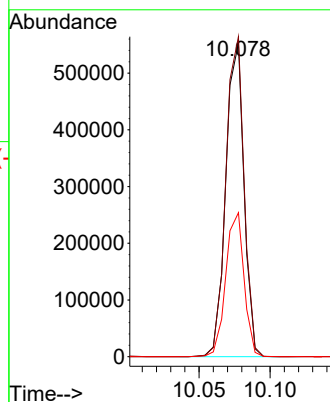
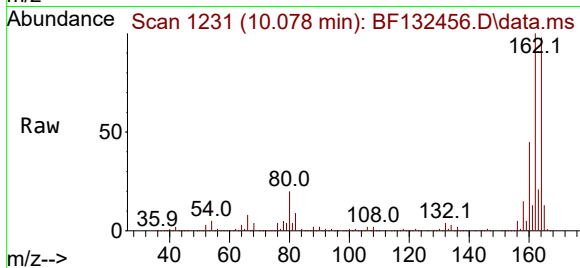
Tgt Ion:164 Resp: 491524

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 46.0 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.938 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Tgt Ion:216 Resp: 652005

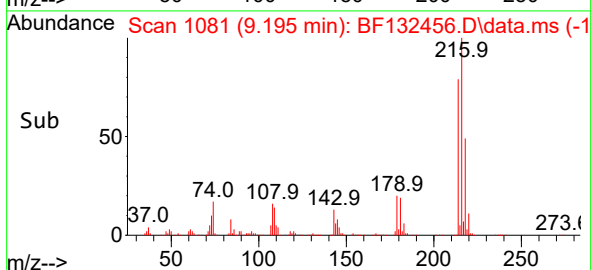
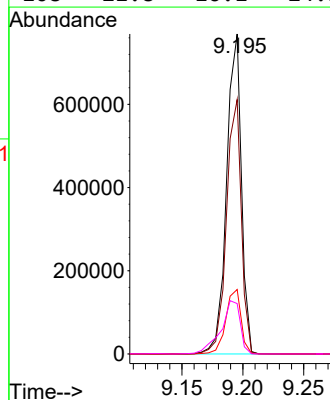
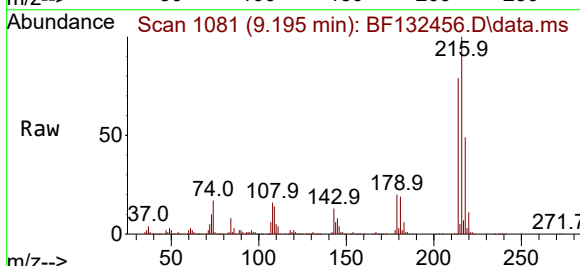
Ion Ratio Lower Upper

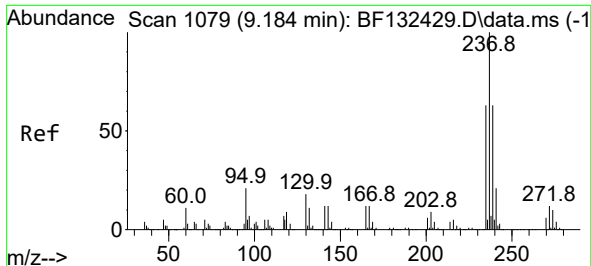
216 100

214 79.9 63.4 95.2

179 20.7 16.4 24.6

108 21.8 16.1 24.1

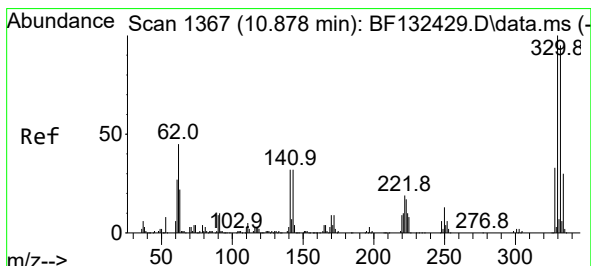
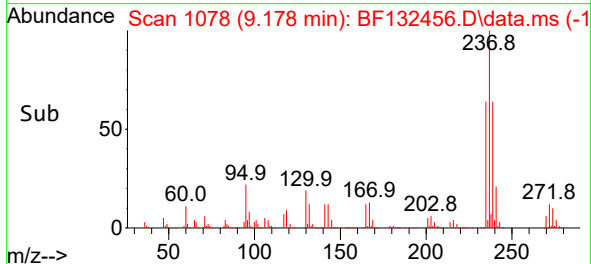
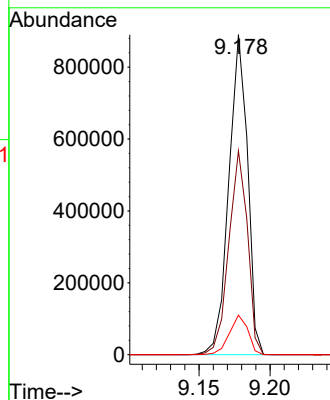
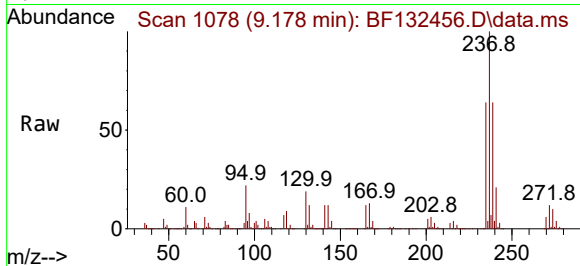




#41
Hexachlorocyclopentadiene
Concen: 93.428 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

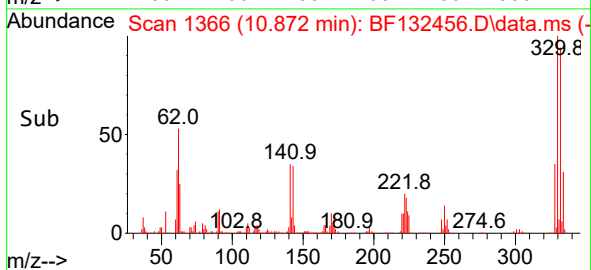
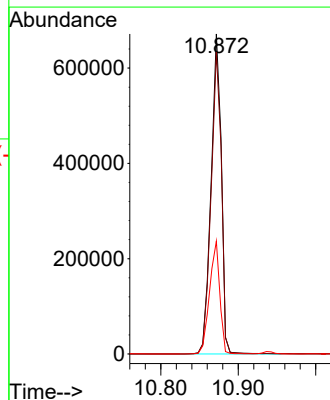
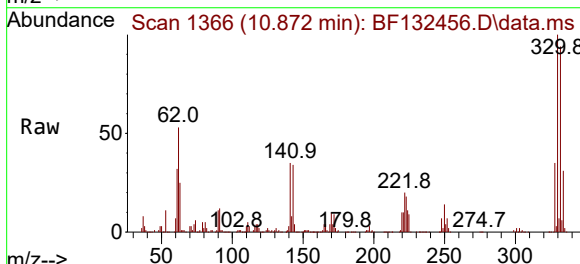
Instrument :
BNA_F
ClientSampleId :
PB150925BS

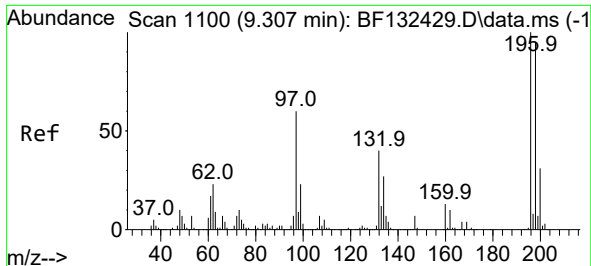
Tgt Ion:237 Resp: 817277
Ion Ratio Lower Upper
237 100
235 63.7 43.1 83.1
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 125.958 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:330 Resp: 617715
Ion Ratio Lower Upper
330 100
332 95.3 76.3 114.5
141 35.3 30.3 45.5





#43

2,4,6-Trichlorophenol

Concen: 44.145 ng

RT: 9.301 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

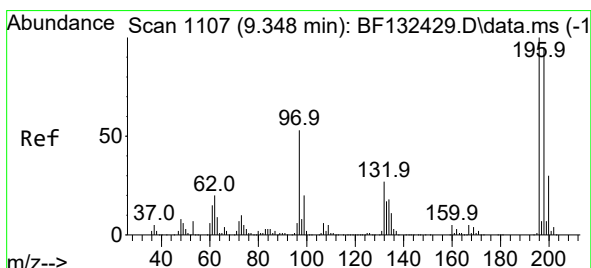
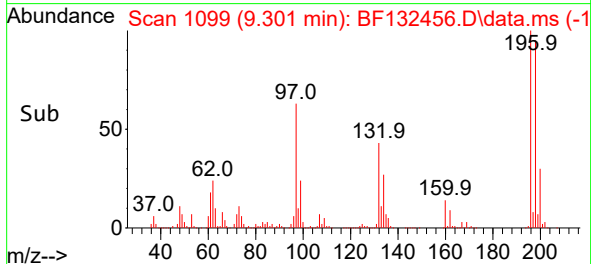
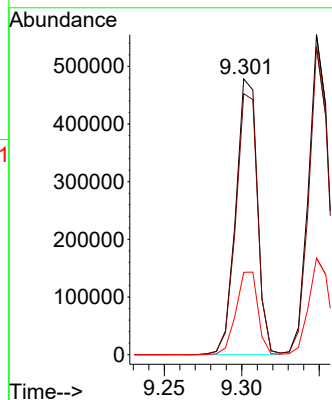
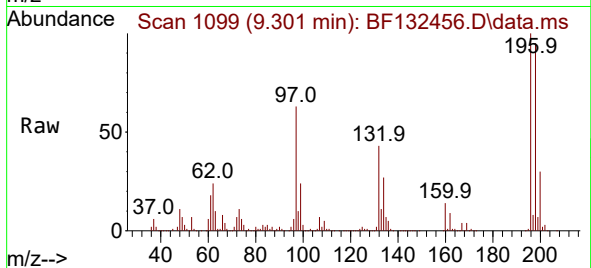
Tgt Ion:196 Resp: 463155

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

200 29.9 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 40.020 ng

RT: 9.348 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Tgt Ion:196 Resp: 489057

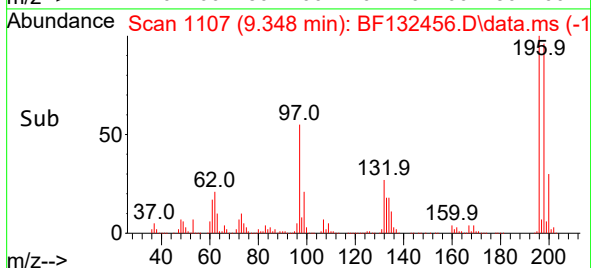
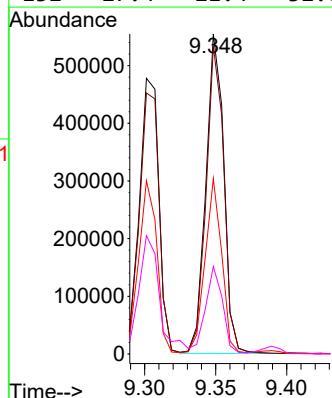
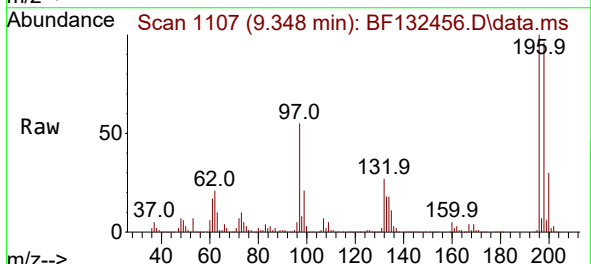
Ion Ratio Lower Upper

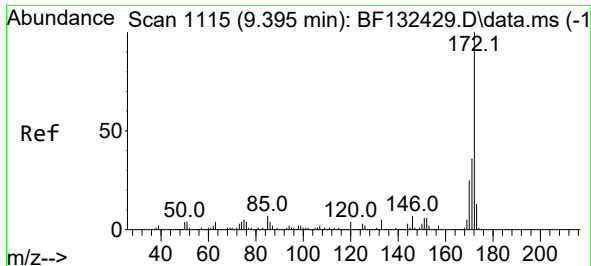
196 100

198 96.2 76.2 114.4

97 54.8 42.4 63.6

132 27.4 21.4 32.0

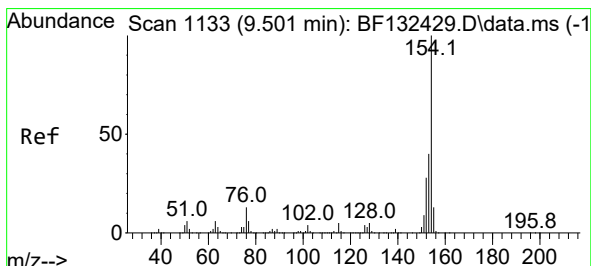
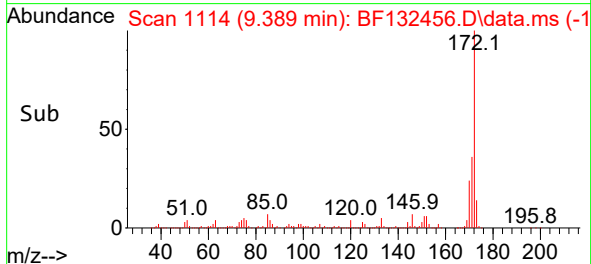
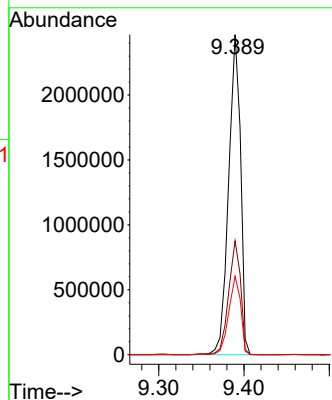
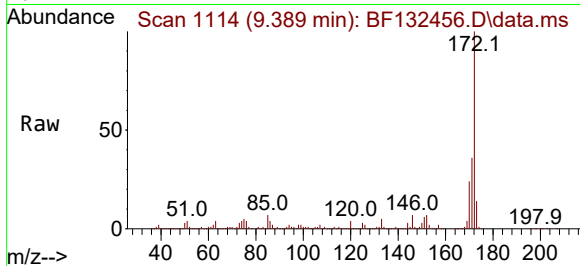




#45
2-Fluorobiphenyl
Concen: 75.227 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

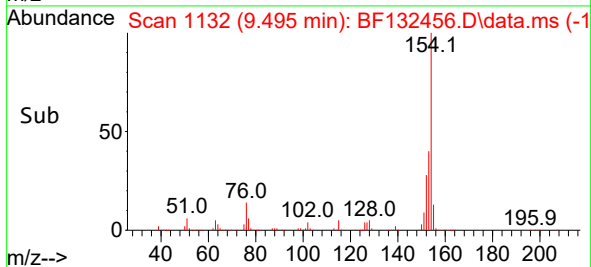
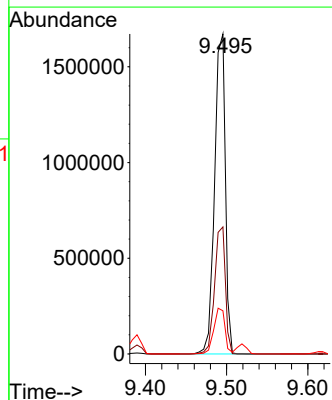
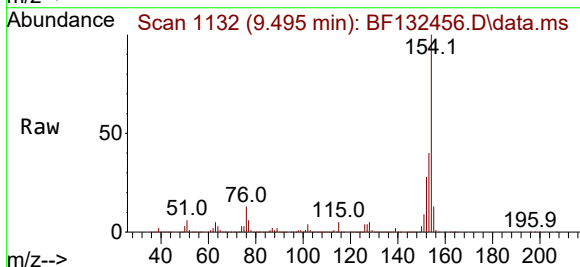
Instrument :
BNA_F
ClientSampleId :
PB150925BS

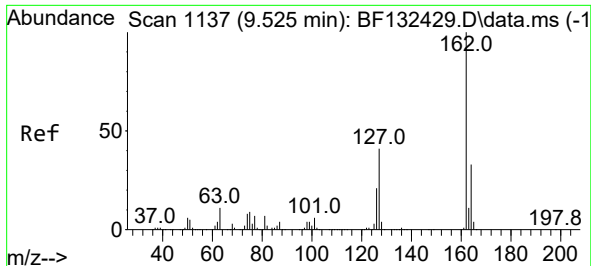
Tgt Ion:172 Resp: 2394355
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.5 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.247 ng
RT: 9.495 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:154 Resp: 1531106
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 13.5 0.0 33.3

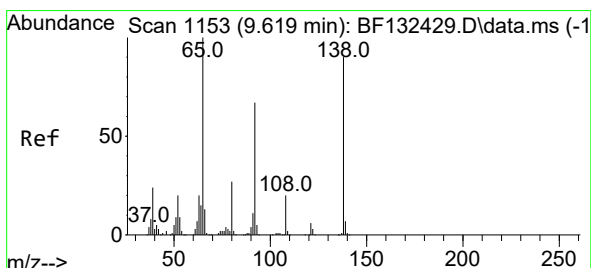
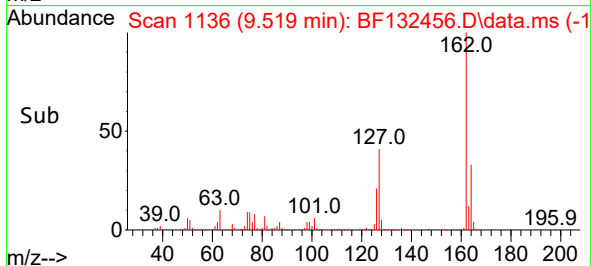
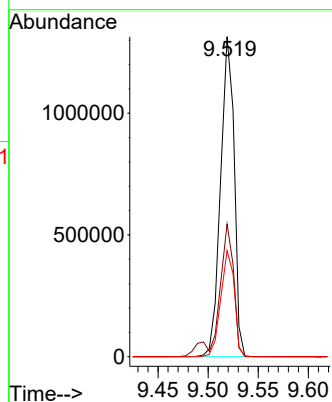
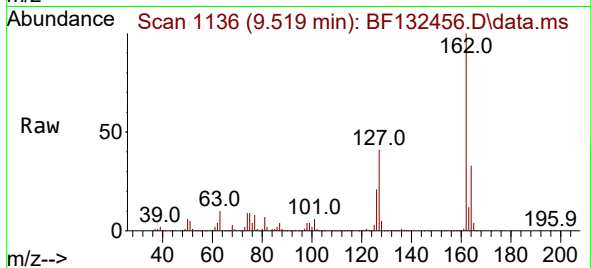




#47
2-Chloronaphthalene
Concen: 41.416 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

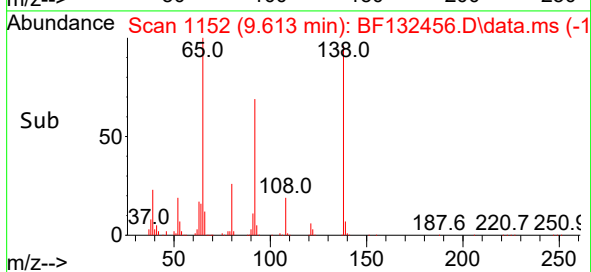
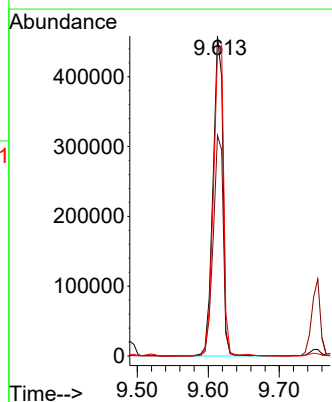
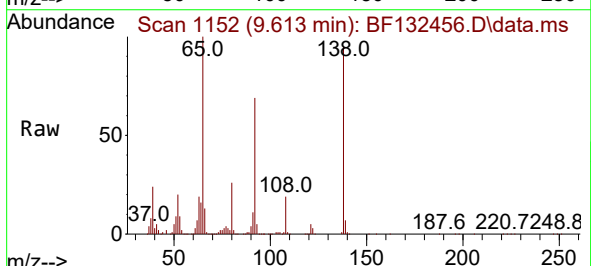
Instrument :
BNA_F
ClientSampleId :
PB150925BS

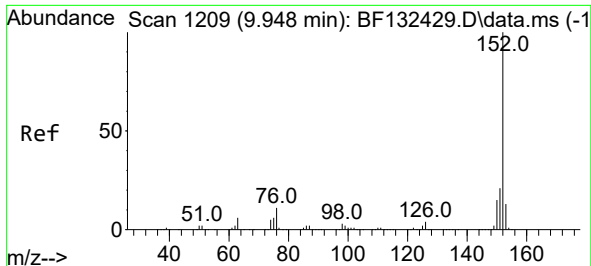
Tgt Ion:162 Resp: 1236686
Ion Ratio Lower Upper
162 100
127 41.5 33.0 49.4
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 42.637 ng
RT: 9.613 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion: 65 Resp: 446694
Ion Ratio Lower Upper
65 100
92 68.9 53.5 80.3
138 94.9 72.2 108.4





#49

Acenaphthylene

Concen: 39.572 ng

RT: 9.936 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

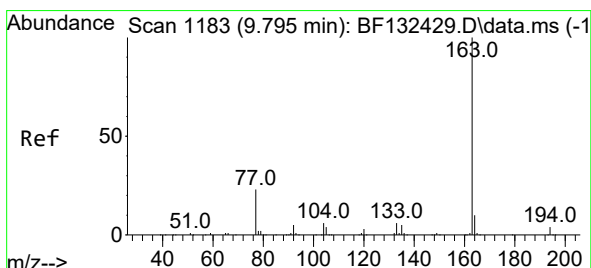
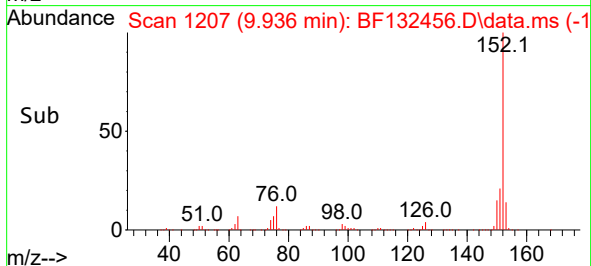
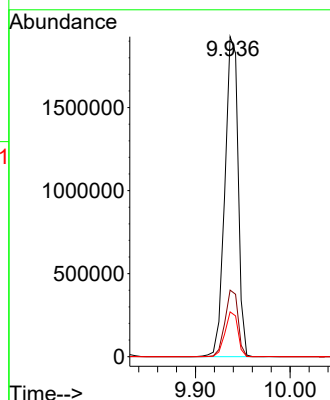
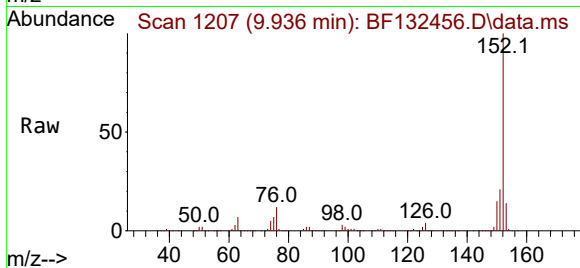
Tgt Ion:152 Resp: 1877367

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 14.0 10.7 16.1



#50

Dimethylphthalate

Concen: 40.439 ng

RT: 9.789 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

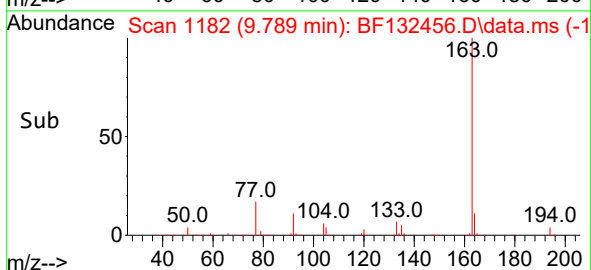
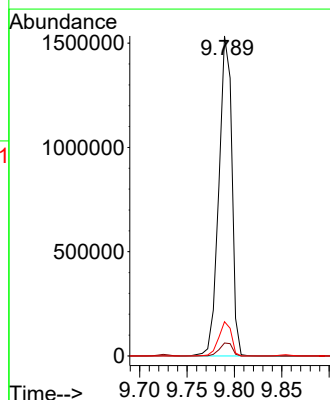
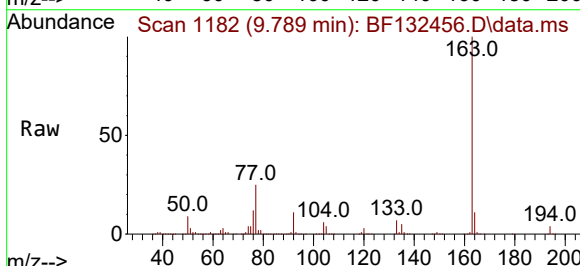
Tgt Ion:163 Resp: 1463750

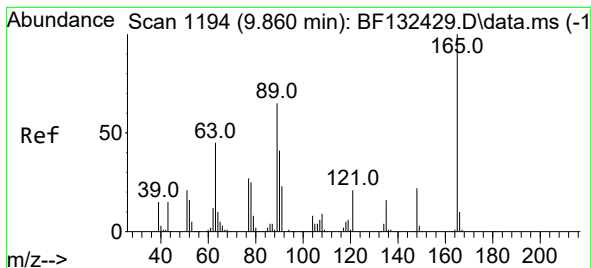
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.7 8.4 12.6

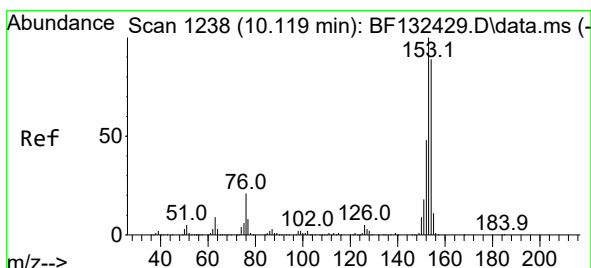
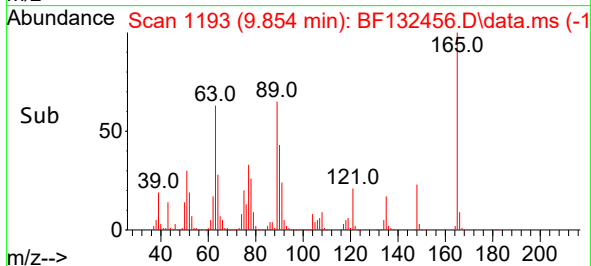
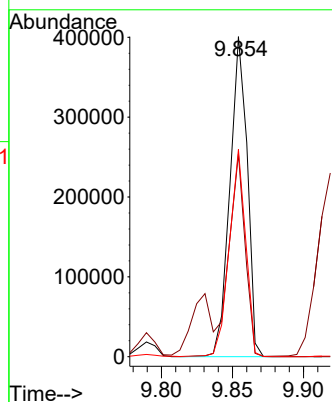
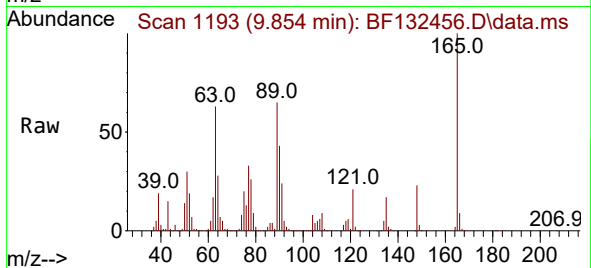




#51
2,6-Dinitrotoluene
Concen: 42.991 ng
RT: 9.854 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

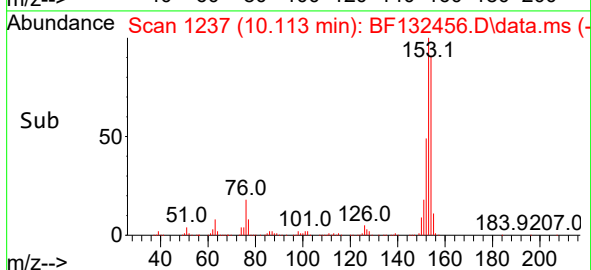
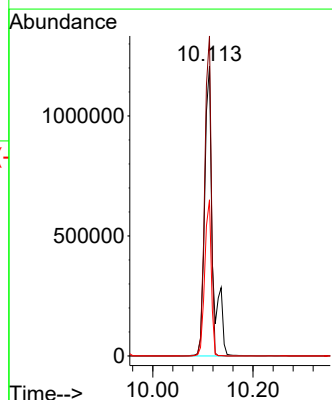
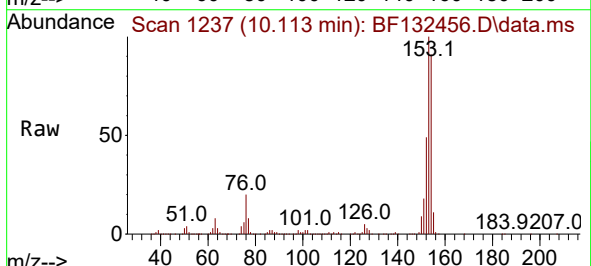
Instrument :
BNA_F
ClientSampleId :
PB150925BS

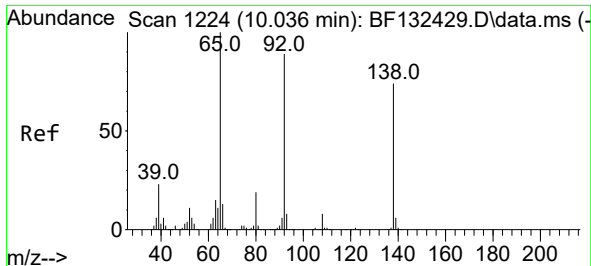
Tgt Ion:165 Resp: 338415
Ion Ratio Lower Upper
165 100
63 63.4 50.4 75.6
89 64.7 52.2 78.2



#52
Acenaphthene
Concen: 46.240 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:154 Resp: 1365193
Ion Ratio Lower Upper
154 100
153 110.4 89.7 134.5
152 53.9 43.4 65.0

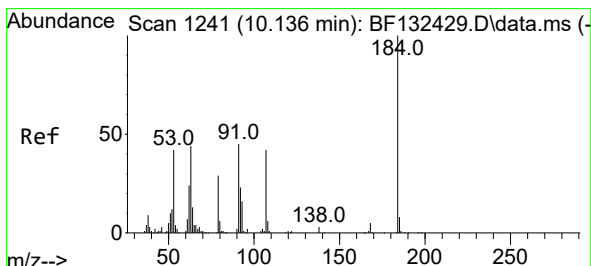
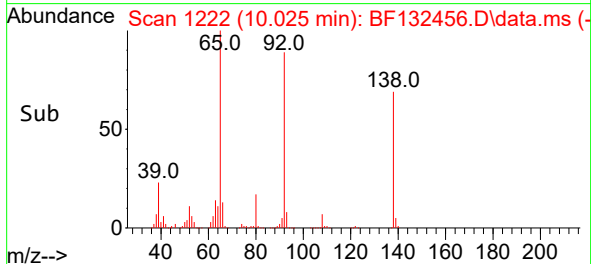
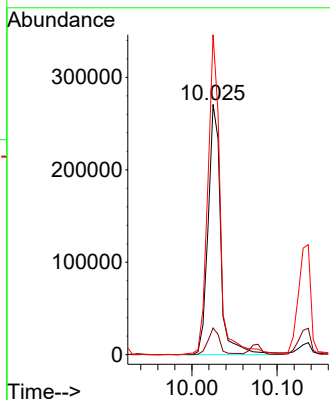
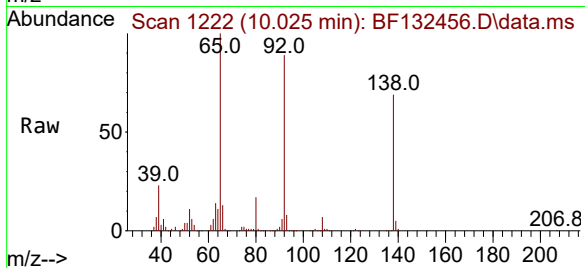




#53
3-Nitroaniline
Concen: 30.600 ng
RT: 10.025 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

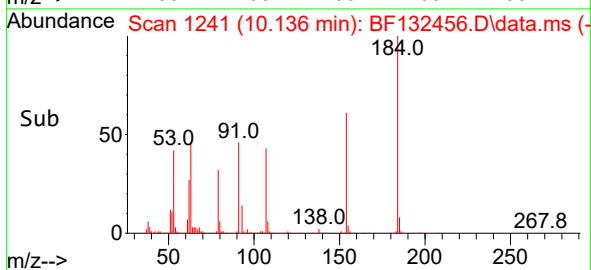
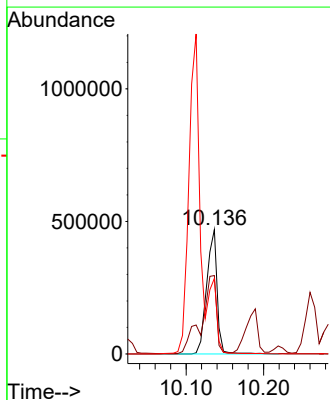
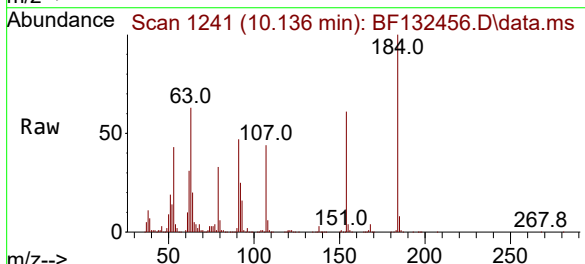
Instrument :
BNA_F
ClientSampleId :
PB150925BS

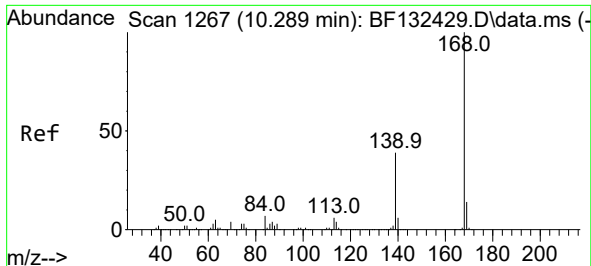
Tgt Ion:138 Resp: 276561
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 127.9 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 89.782 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:184 Resp: 442126
Ion Ratio Lower Upper
184 100
63 63.1 47.0 70.6
154 60.7 49.0 73.6

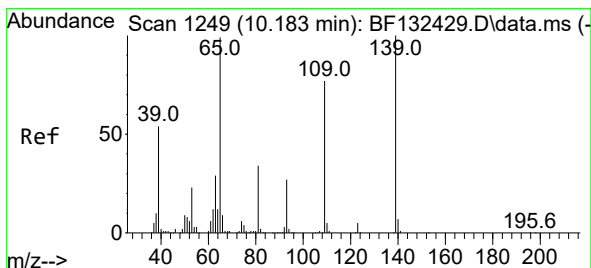
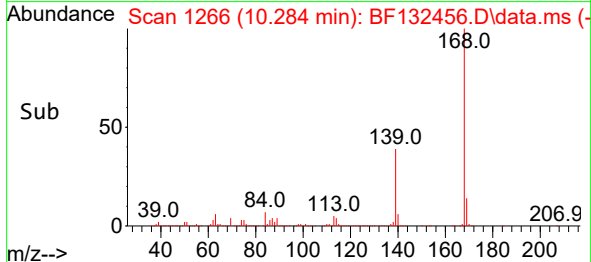
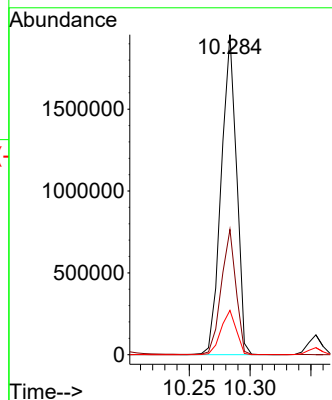
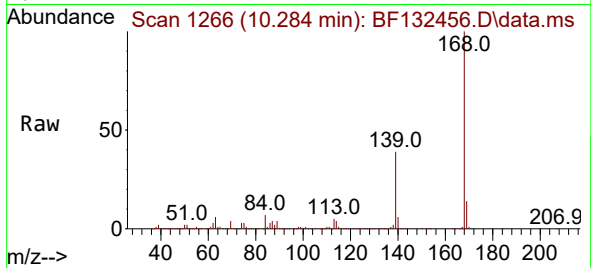




#55
Dibenzenofuran
Concen: 39.143 ng
RT: 10.284 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

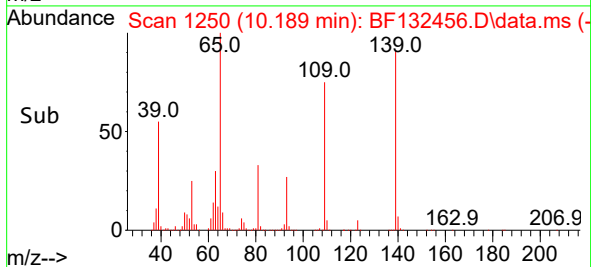
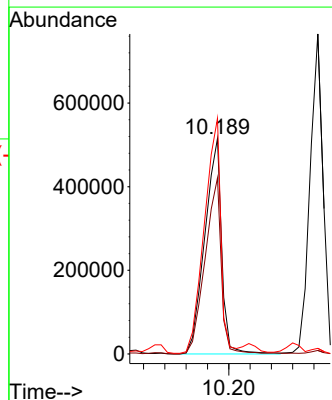
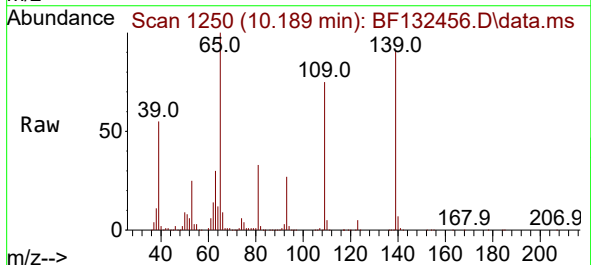
Instrument :
BNA_F
ClientSampleId :
PB150925BS

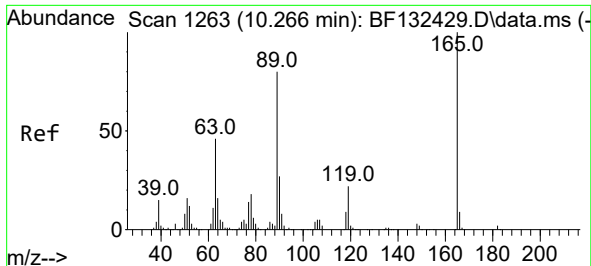
Tgt Ion:168 Resp: 1714688
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 86.613 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.012 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:139 Resp: 567912
Ion Ratio Lower Upper
139 100
109 81.7 57.2 97.2
65 109.3 79.2 119.2

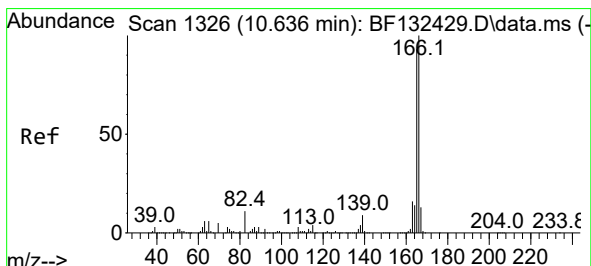
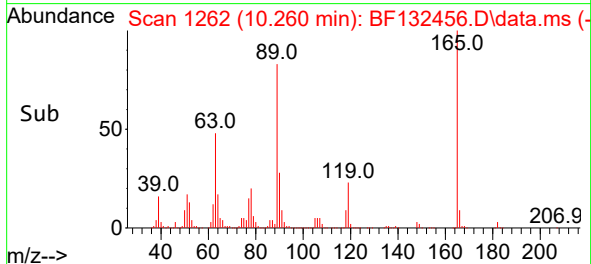
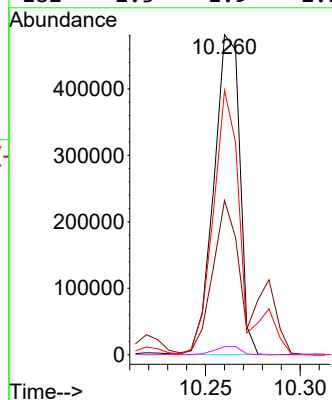
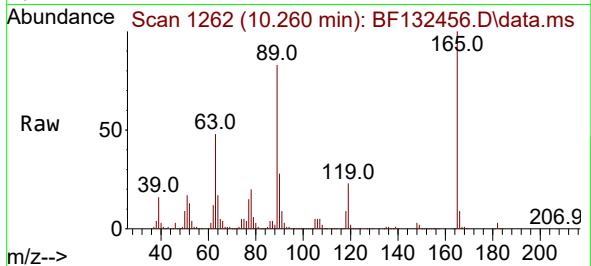




#57
2,4-Dinitrotoluene
Concen: 44.205 ng
RT: 10.260 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

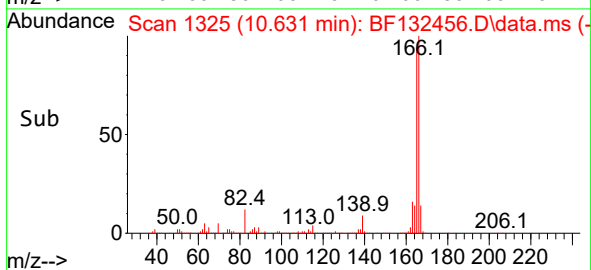
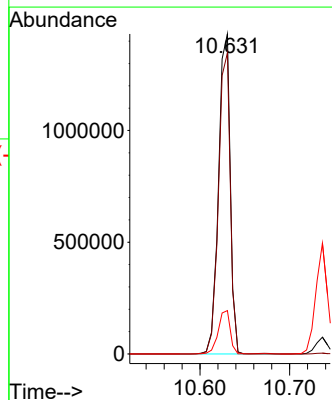
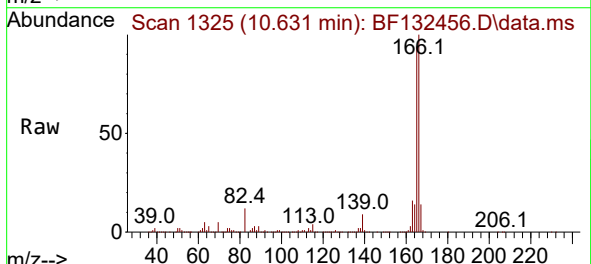
Instrument :
BNA_F
ClientSampleId :
PB150925BS

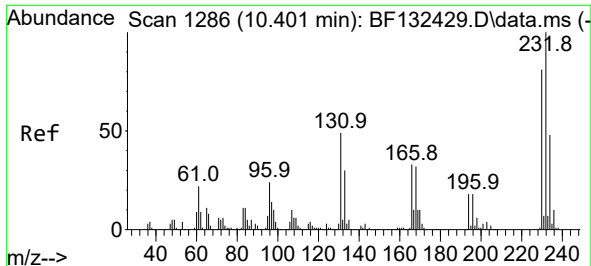
Tgt Ion:165 Resp: 458059
Ion Ratio Lower Upper
165 100
63 48.2 37.1 55.7
89 82.7 63.6 95.4
182 2.5 1.9 2.9



#58
Fluorene
Concen: 39.235 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:166 Resp: 1299391
Ion Ratio Lower Upper
166 100
165 94.1 74.6 111.8
167 13.5 10.8 16.2

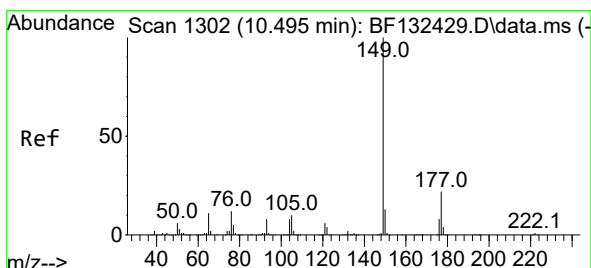
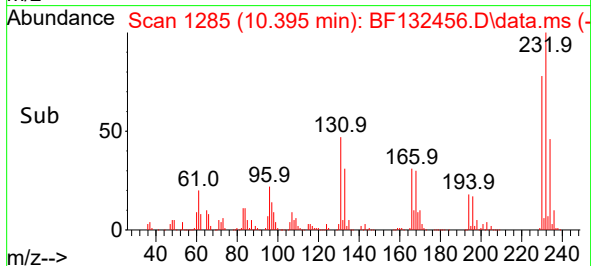
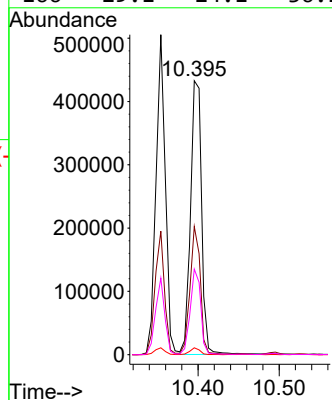
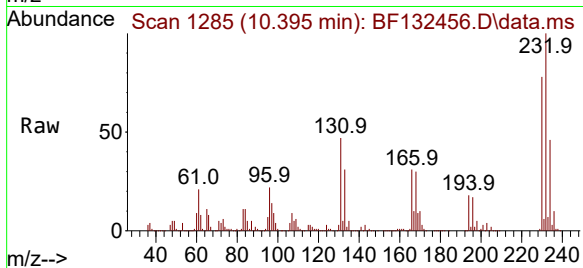




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.655 ng
RT: 10.395 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

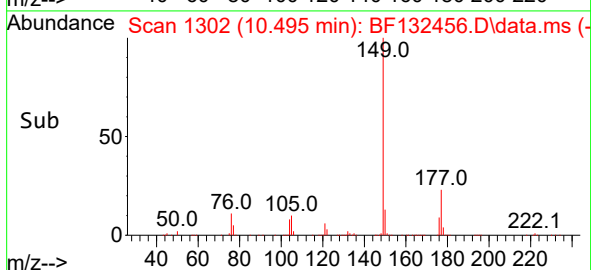
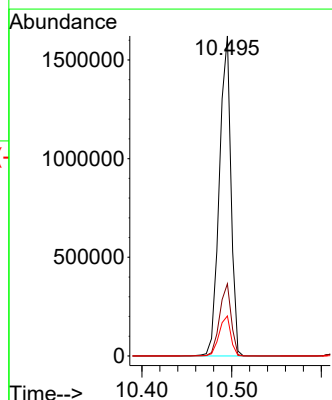
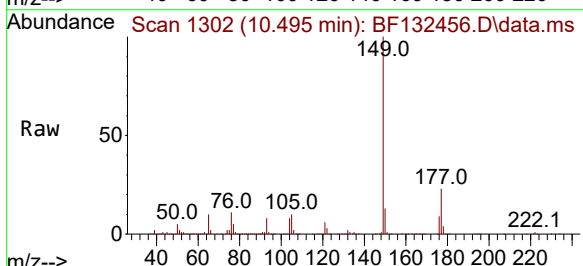
Instrument :
BNA_F
ClientSampleId :
PB150925BS

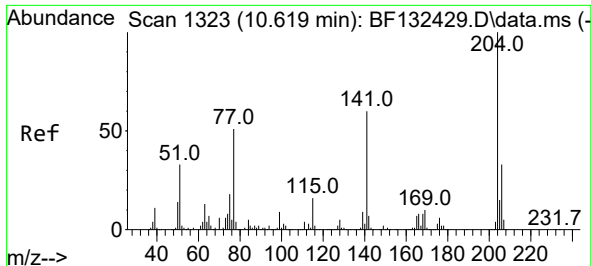
Tgt Ion:232 Resp: 412420
Ion Ratio Lower Upper
232 100
131 43.3 35.8 53.8
130 2.3 1.8 2.8
166 29.1 24.1 36.1



#60
Diethylphthalate
Concen: 40.853 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:149 Resp: 1453633
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.5 10.0 15.0

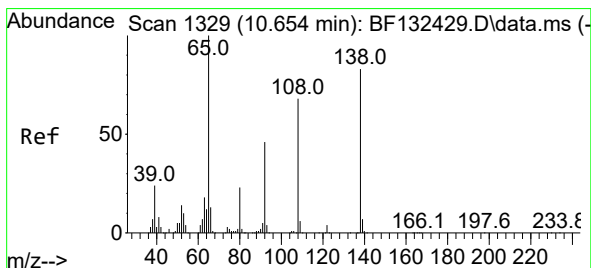
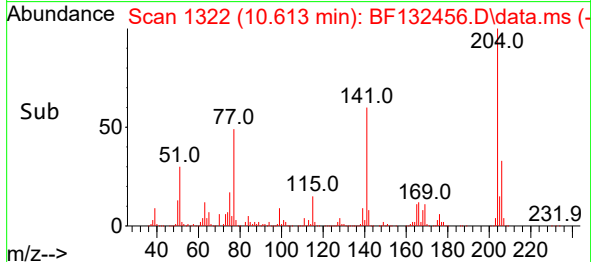
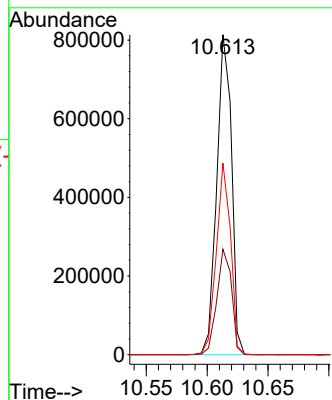
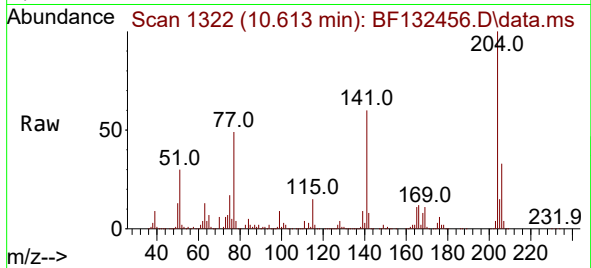




#61
4-Chlorophenyl-phenylether
Concen: 39.591 ng
RT: 10.613 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

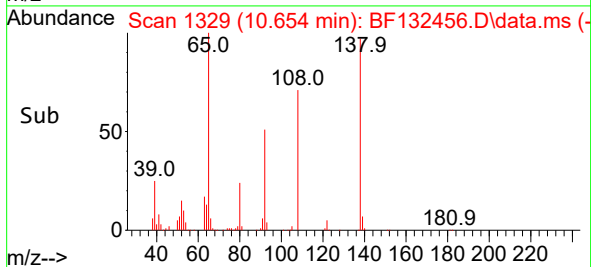
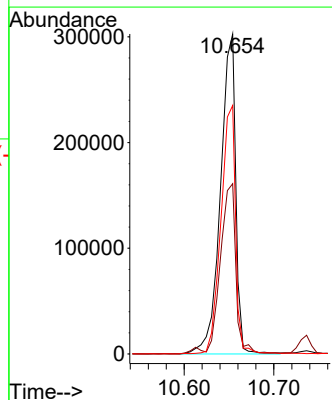
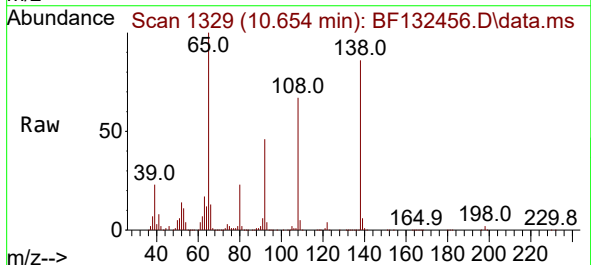
Instrument :
BNA_F
ClientSampleId :
PB150925BS

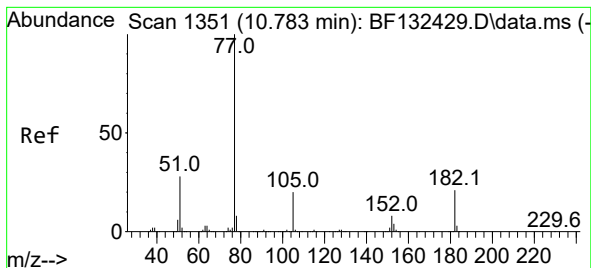
Tgt Ion:204 Resp: 686638
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 59.9 48.2 72.2



#62
4-Nitroaniline
Concen: 42.392 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:138 Resp: 357507
Ion Ratio Lower Upper
138 100
92 53.2 35.9 75.9
108 77.7 62.1 102.1





#63

Azobenzene

Concen: 40.010 ng

RT: 10.778 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

Tgt Ion: 77 Resp: 1575195

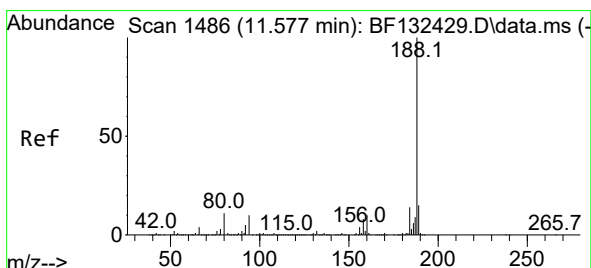
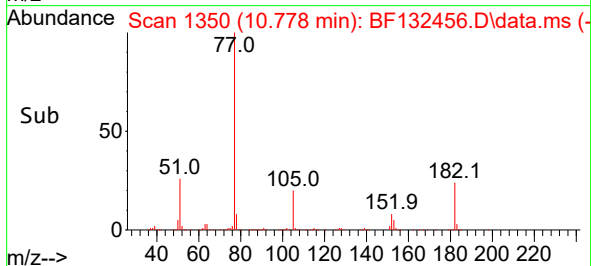
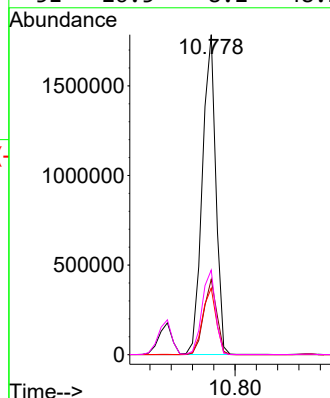
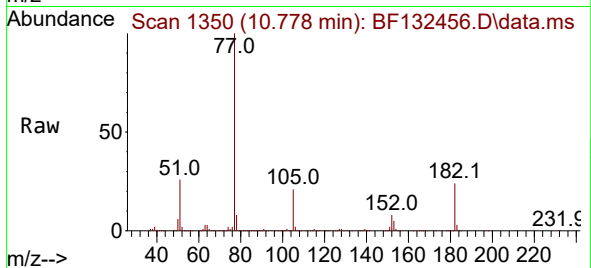
Ion Ratio Lower Upper

77 100

182 23.5 1.4 41.4

105 20.8 0.1 40.1

51 26.5 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: BF132456.D

Acq: 17 Feb 2023 18:25

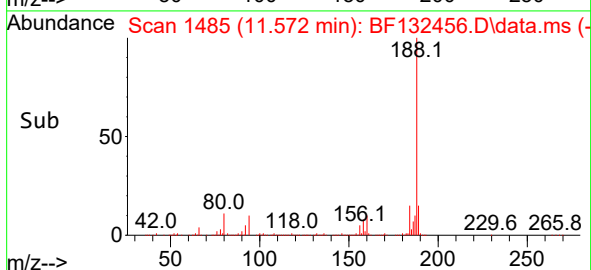
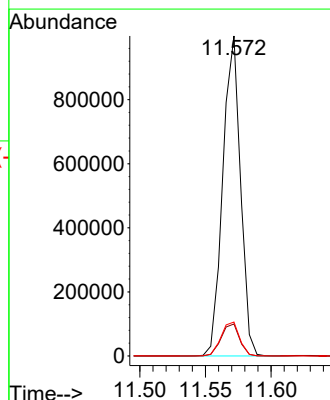
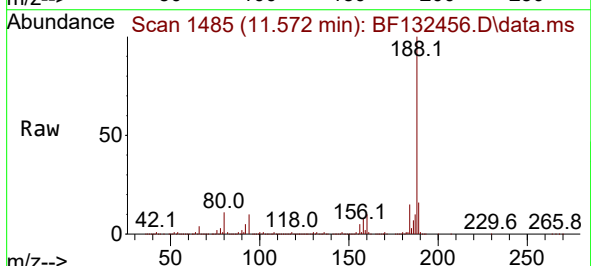
Tgt Ion:188 Resp: 933743

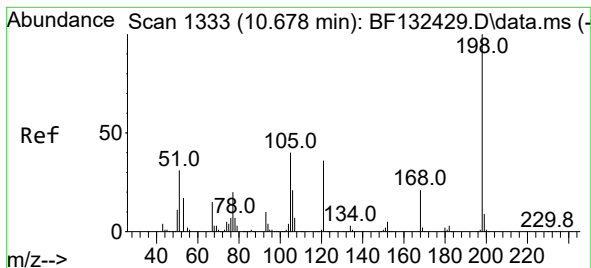
Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

80 10.6 8.6 12.8

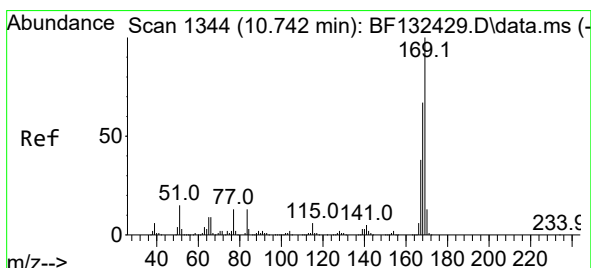
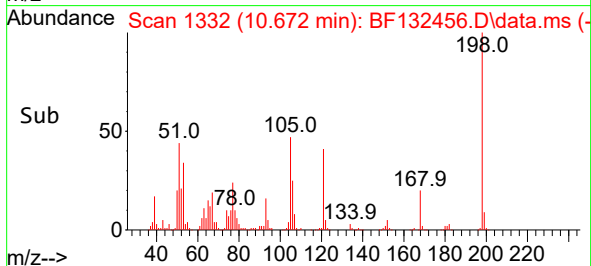
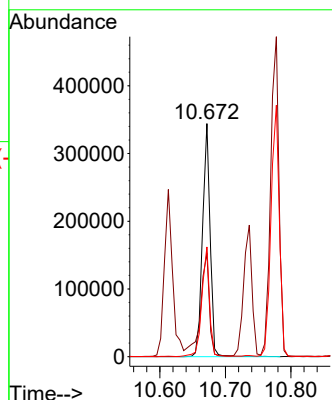
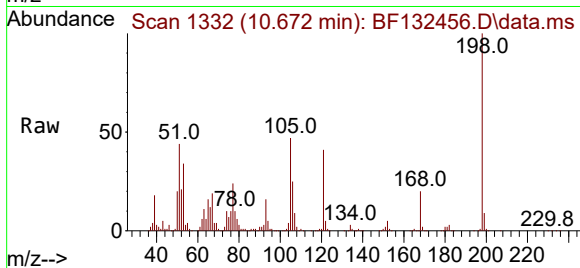




#65
4,6-Dinitro-2-methylphenol
Concen: 48.005 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

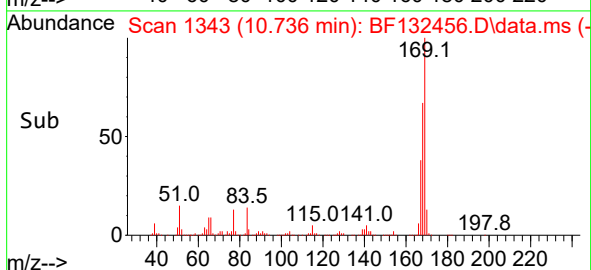
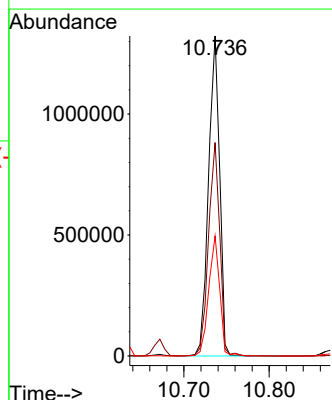
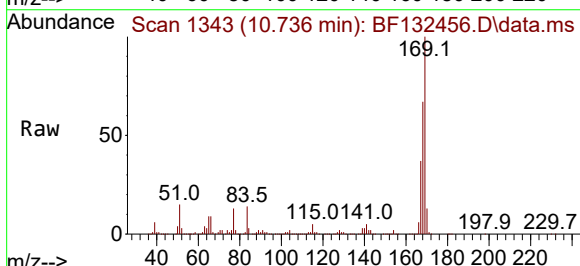
Instrument :
BNA_F
ClientSampleId :
PB150925BS

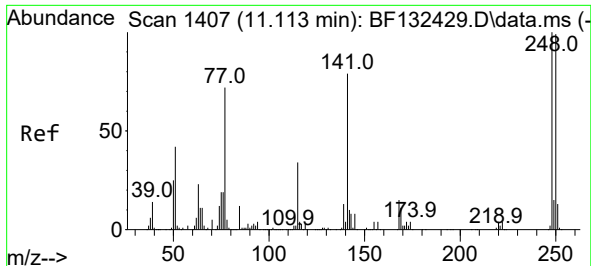
Tgt Ion:198 Resp: 278679
Ion Ratio Lower Upper
198 100
51 44.3 17.4 57.4
105 47.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.728 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:169 Resp: 1195874
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 37.5 30.2 45.2

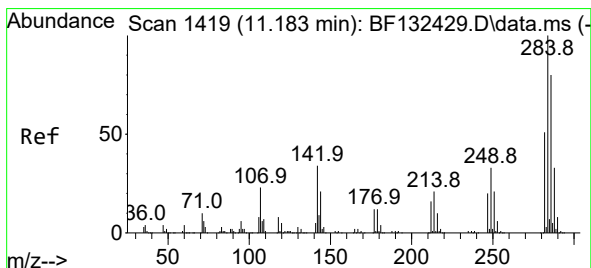
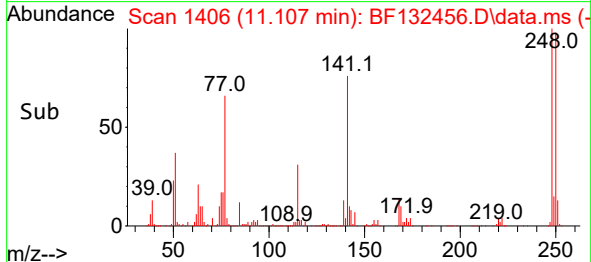
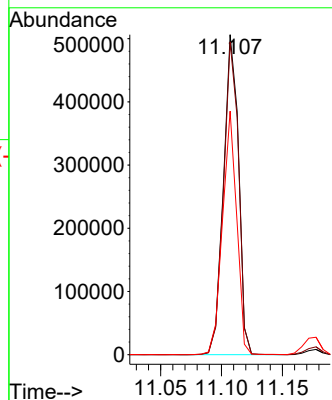
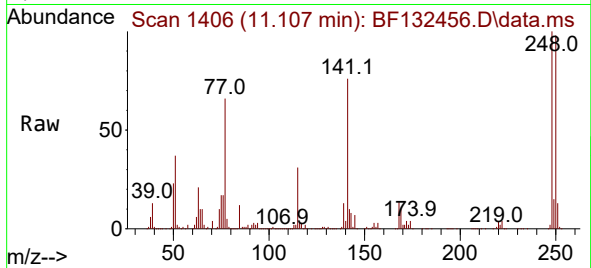




#67
4-Bromophenyl-phenylether
Concen: 42.665 ng
RT: 11.107 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

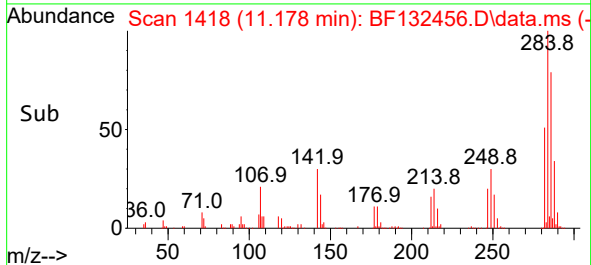
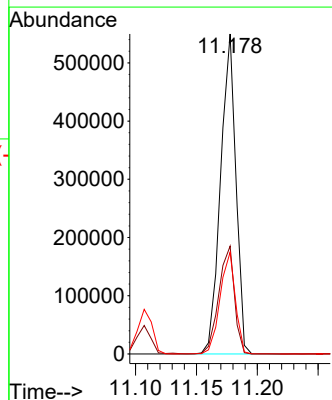
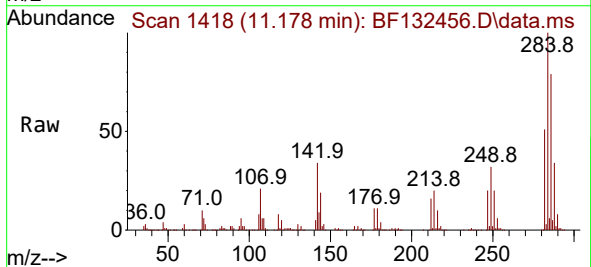
Instrument :
BNA_F
ClientSampleId :
PB150925BS

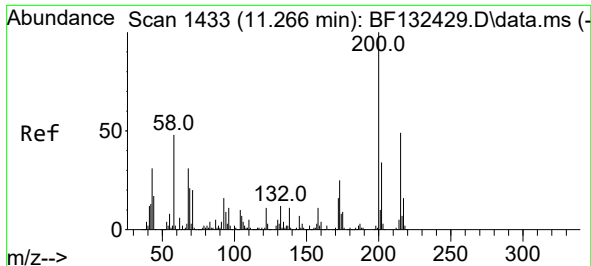
Tgt Ion:248 Resp: 436629
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.4
141 76.1 63.3 94.9



#68
Hexachlorobenzene
Concen: 45.057 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:284 Resp: 481997
Ion Ratio Lower Upper
284 100
142 33.7 27.5 41.3
249 31.8 26.2 39.4

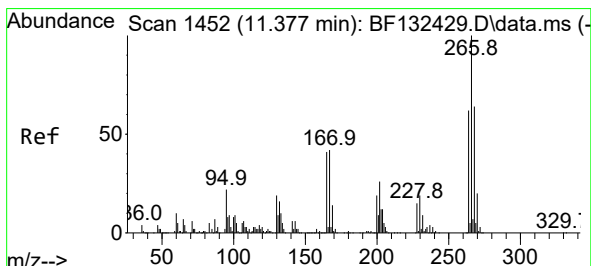
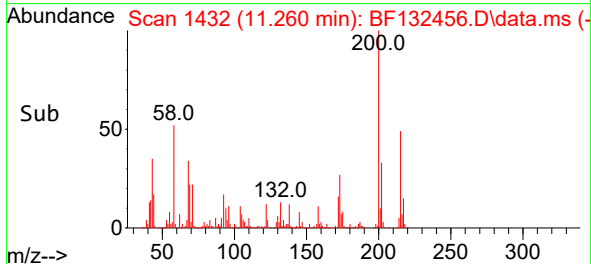
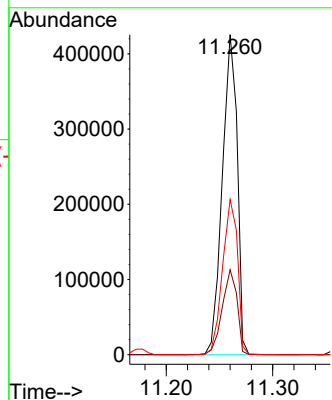
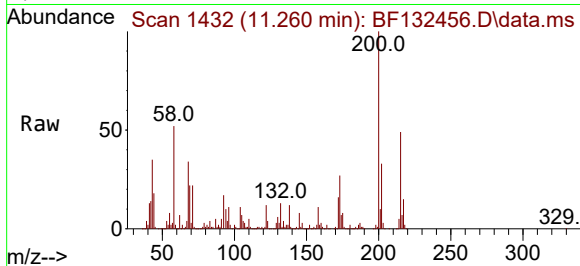




#69
Atrazine
Concen: 46.704 ng
RT: 11.260 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

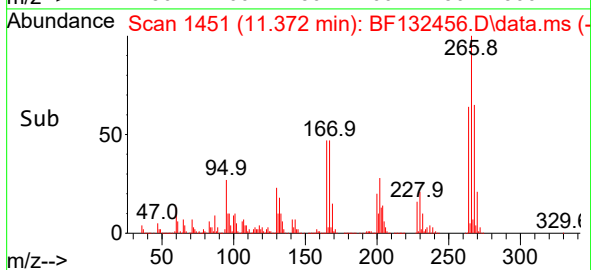
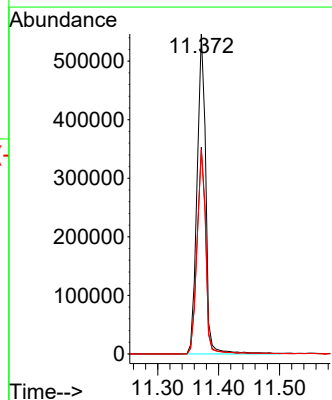
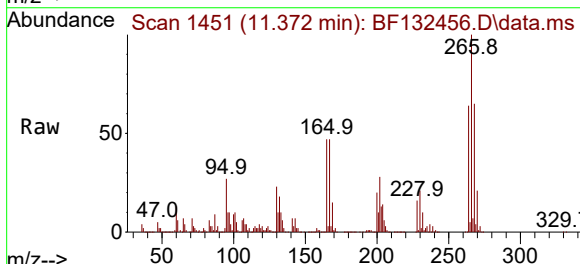
Instrument :
BNA_F
ClientSampleId :
PB150925BS

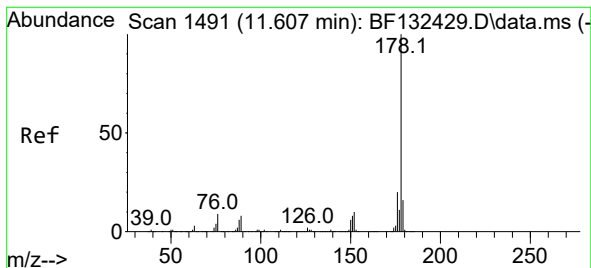
Tgt Ion:200 Resp: 411987
Ion Ratio Lower Upper
200 100
173 26.6 5.3 45.3
215 48.5 29.1 69.1



#70
Pentachlorophenol
Concen: 81.721 ng
RT: 11.372 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:266 Resp: 543519
Ion Ratio Lower Upper
266 100
268 64.7 51.0 76.4
264 63.8 49.8 74.6





#71

Phenanthrene

Concen: 40.672 ng

RT: 11.595 min Scan# 1489

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

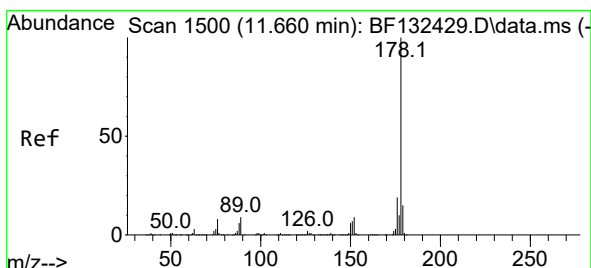
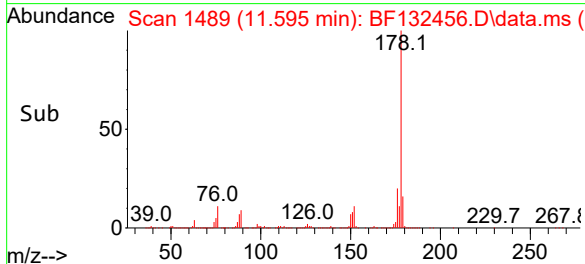
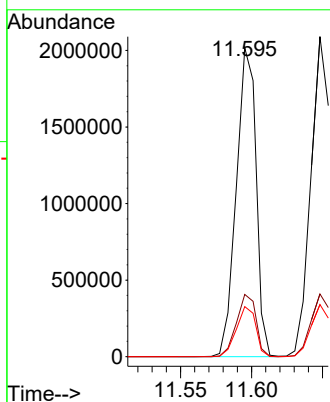
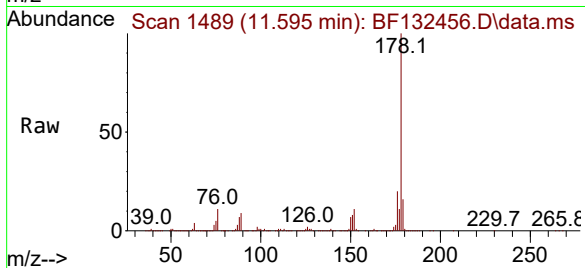
Tgt Ion:178 Resp: 1955999

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

179 16.2 12.6 18.8



#72

Anthracene

Concen: 39.781 ng

RT: 11.648 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

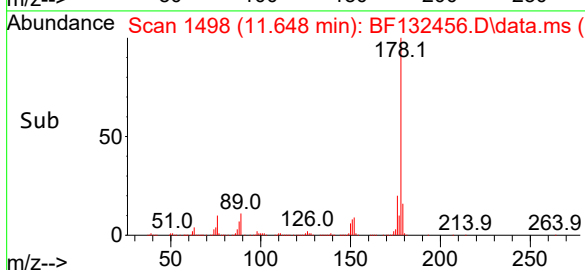
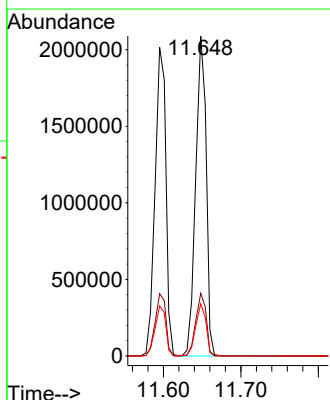
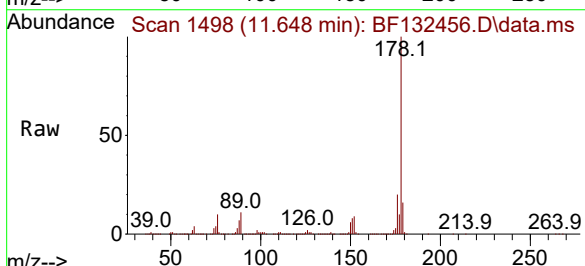
Tgt Ion:178 Resp: 1966721

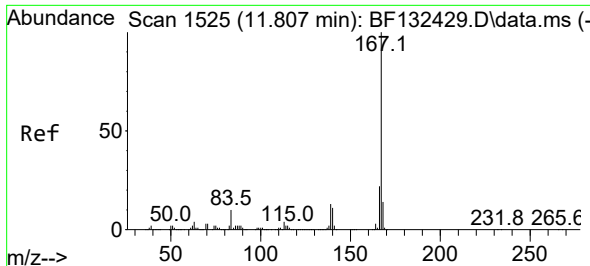
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.3 12.4 18.6

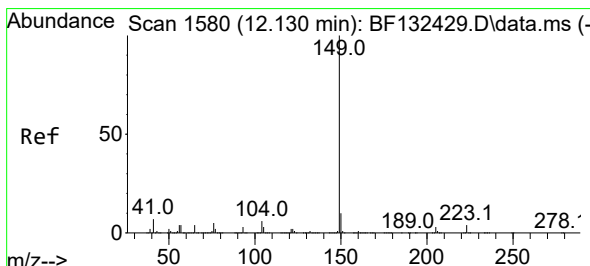
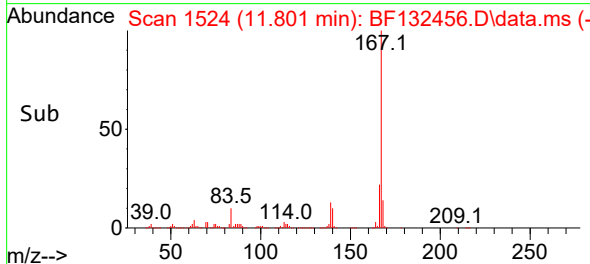
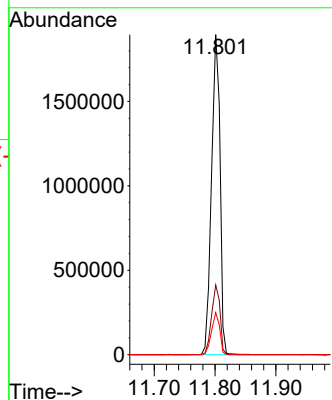
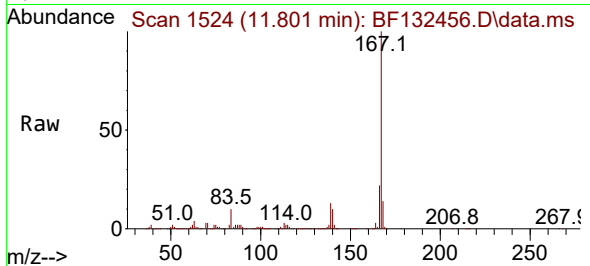




#73
 Carbazole
 Concen: 41.520 ng
 RT: 11.801 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

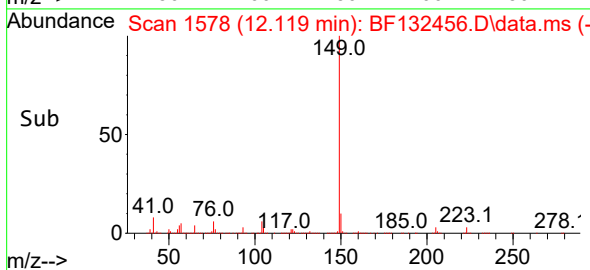
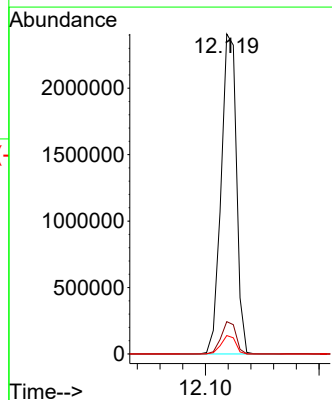
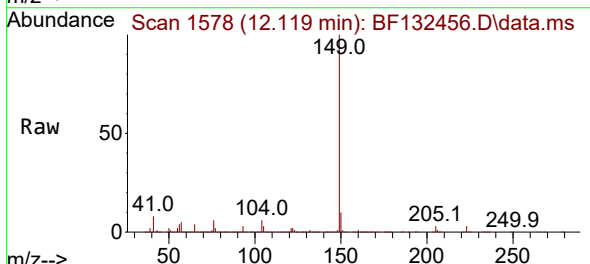
Instrument :
 BNA_F
 ClientSampleId :
 PB150925BS

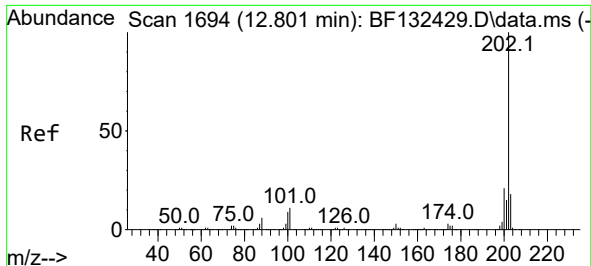
Tgt Ion:167 Resp: 1847730
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.2 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 42.816 ng
 RT: 12.119 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF132456.D
 Acq: 17 Feb 2023 18:25

Tgt Ion:149 Resp: 2269542
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 5.7 4.5 6.7

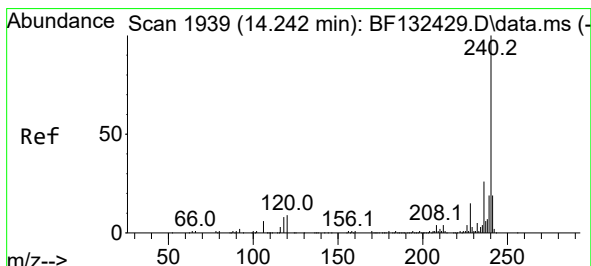
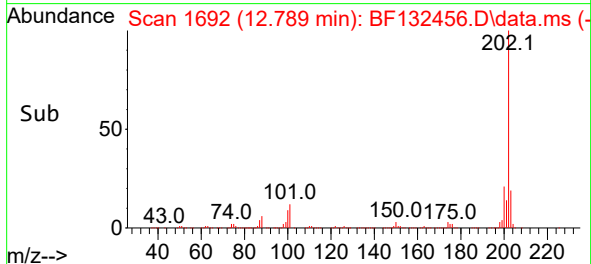
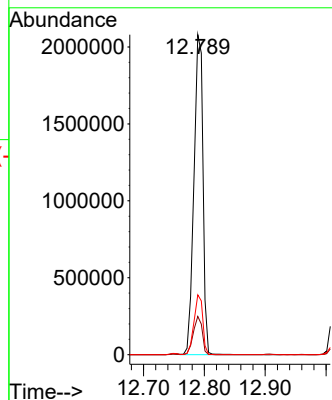
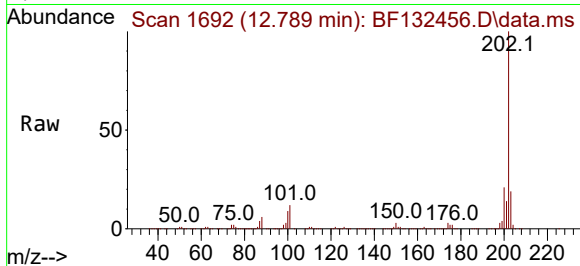




#75
Fluoranthene
Concen: 39.902 ng
RT: 12.789 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

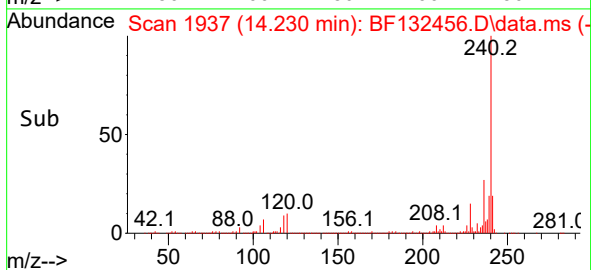
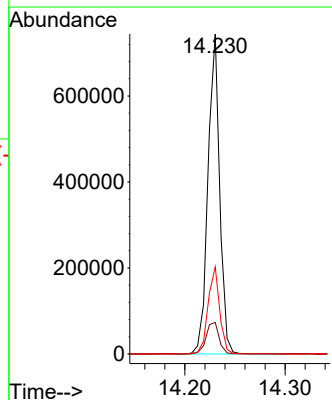
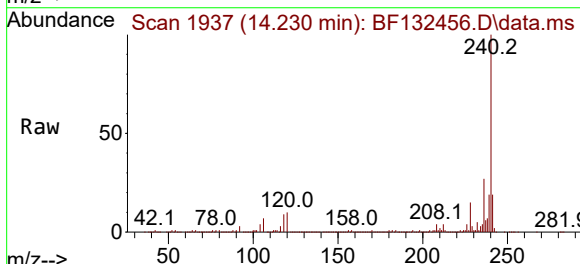
Instrument :
BNA_F
ClientSampleId :
PB150925BS

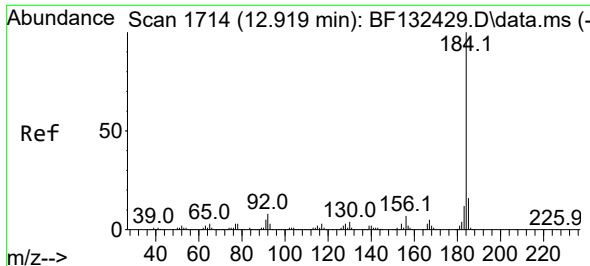
Tgt Ion:202 Resp: 2140029
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 18.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:240 Resp: 606718
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 27.2 21.0 31.6

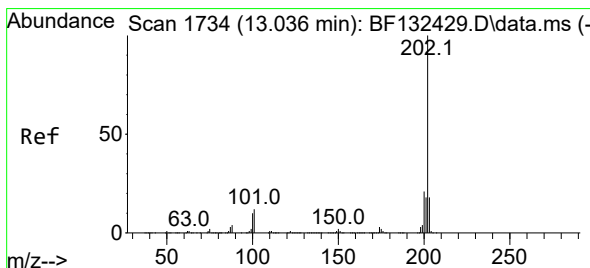
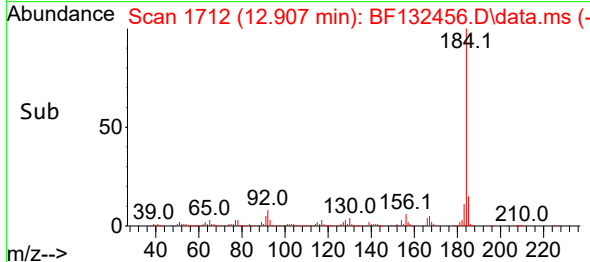
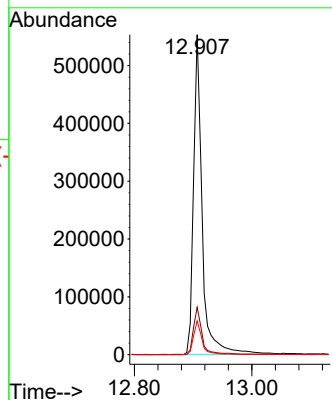
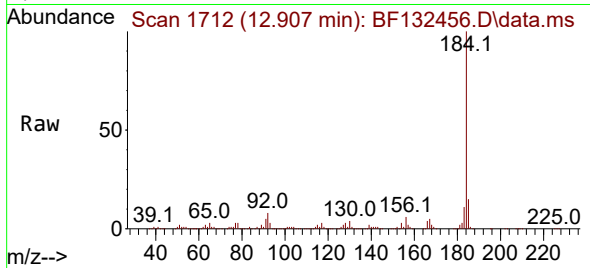




#77
Benzidine
Concen: 43.745 ng
RT: 12.907 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

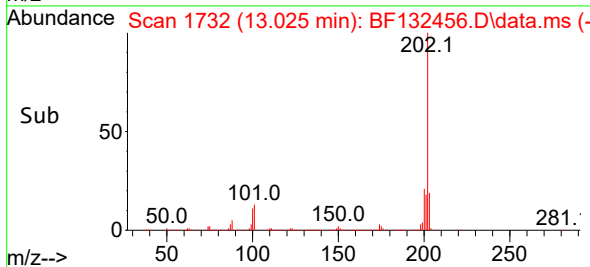
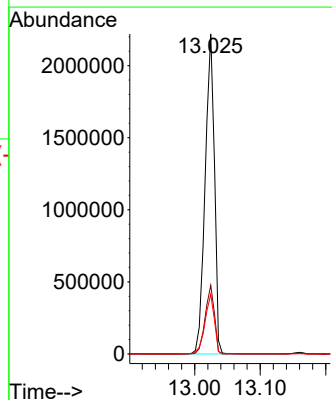
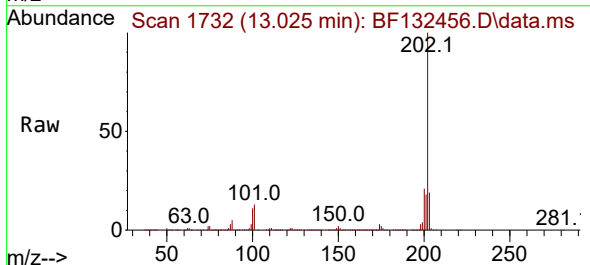
Instrument :
BNA_F
ClientSampleId :
PB150925BS

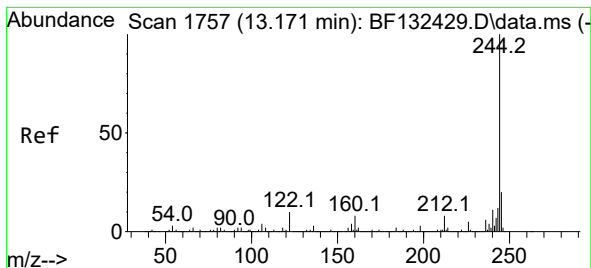
Tgt Ion:184 Resp: 565152
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 10.5 9.2 13.8



#78
Pyrene
Concen: 42.482 ng
RT: 13.025 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:202 Resp: 2189555
Ion Ratio Lower Upper
202 100
200 21.5 16.6 25.0
203 18.6 14.3 21.5





#79

Terphenyl-d14

Concen: 86.664 ng

RT: 13.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

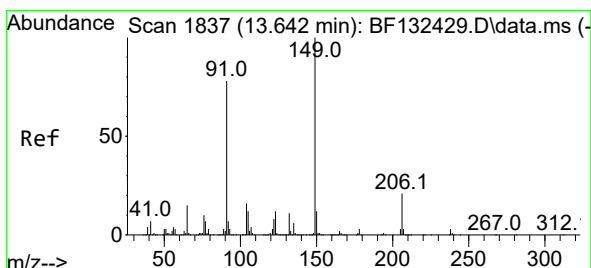
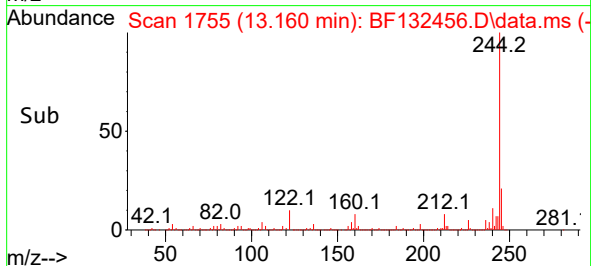
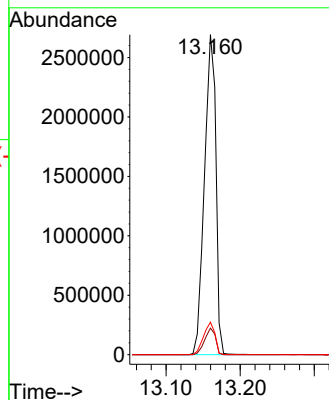
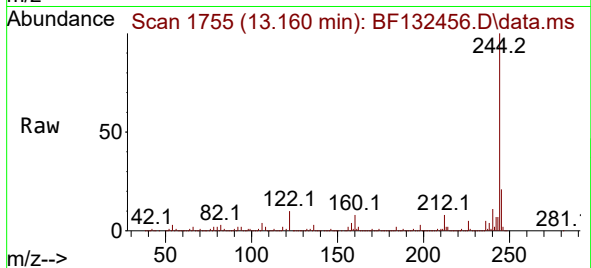
Tgt Ion:244 Resp: 2887125

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

122 10.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 49.291 ng

RT: 13.630 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

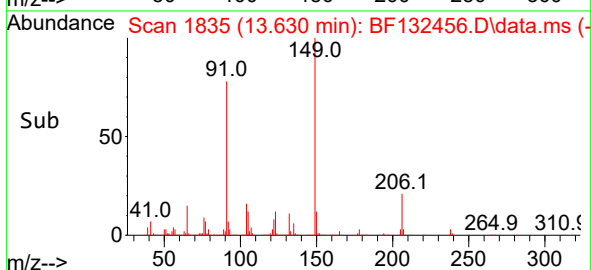
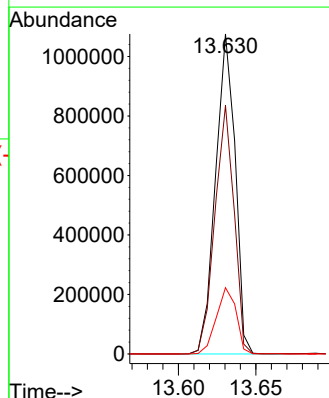
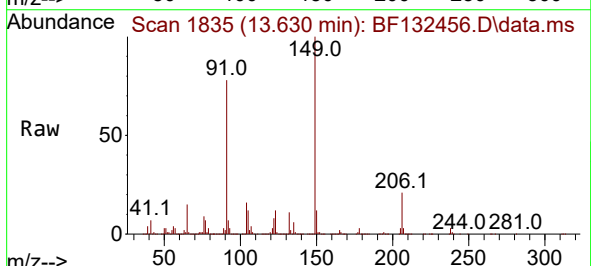
Tgt Ion:149 Resp: 947976

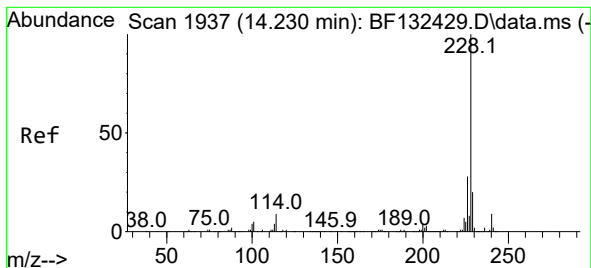
Ion Ratio Lower Upper

149 100

91 77.6 62.8 94.2

206 20.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.429 ng

RT: 14.219 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

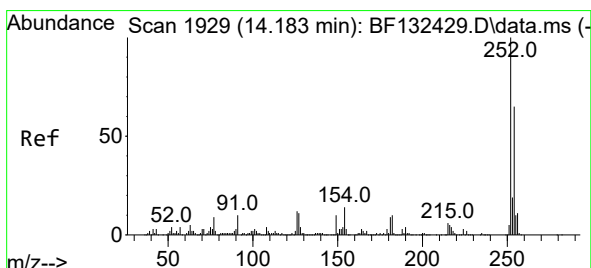
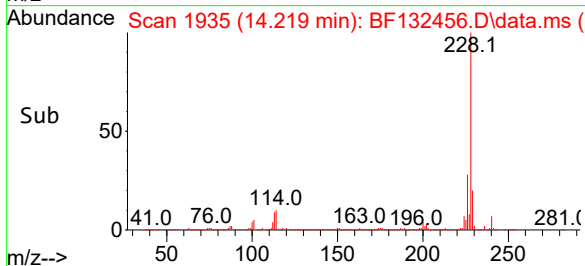
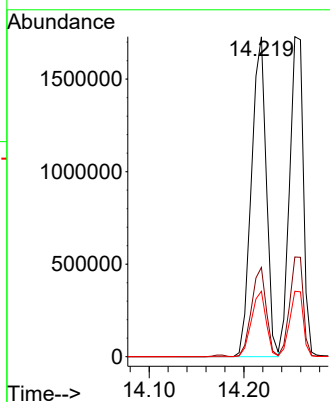
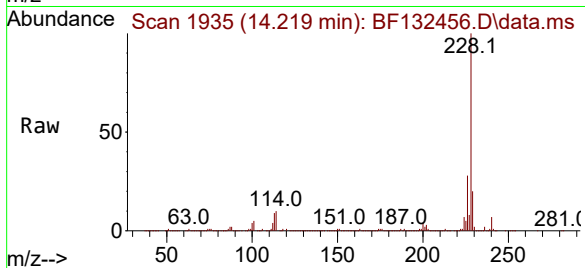
Tgt Ion:228 Resp: 1885403

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

229 20.5 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 39.802 ng

RT: 14.177 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

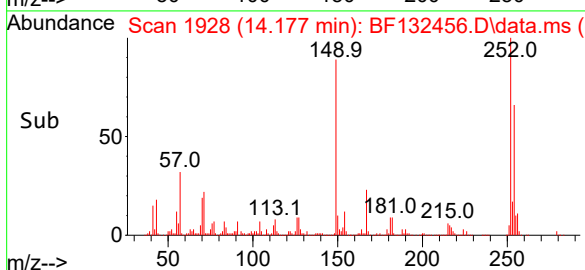
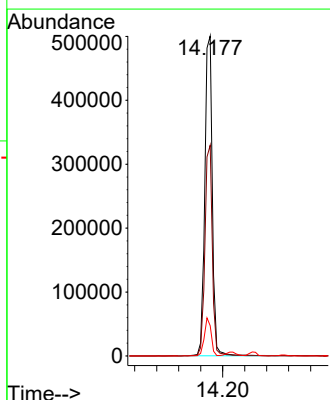
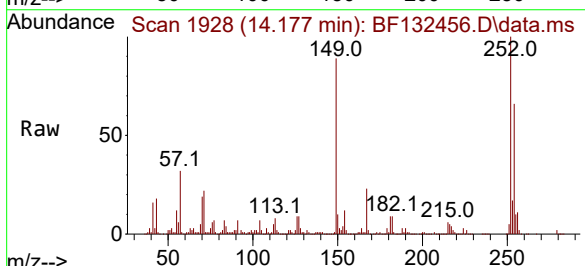
Tgt Ion:252 Resp: 472414

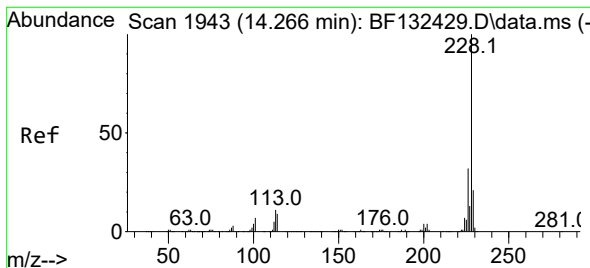
Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.2

126 9.4 9.6 14.4#





#83

Chrysene

Concen: 40.767 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

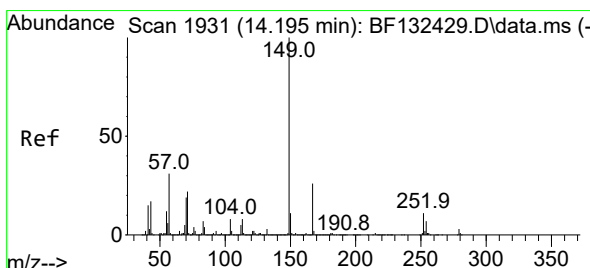
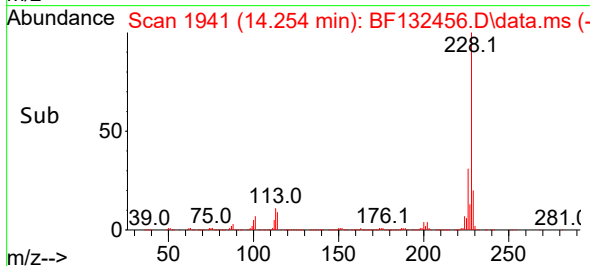
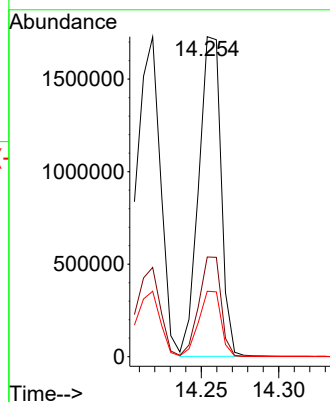
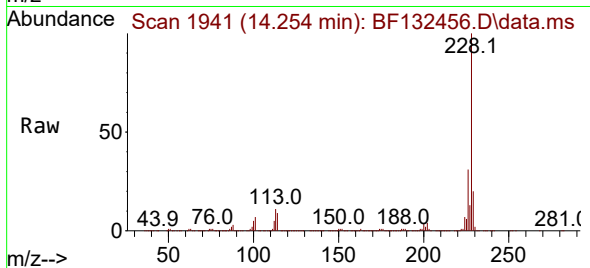
Tgt Ion:228 Resp: 1730830

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

229 20.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.455 ng

RT: 14.189 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

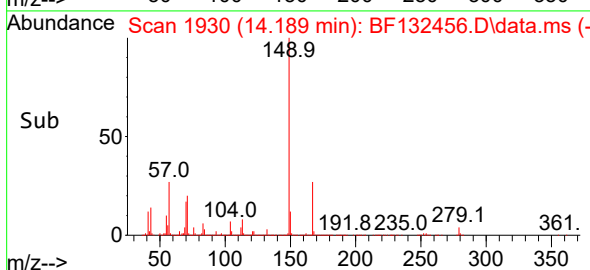
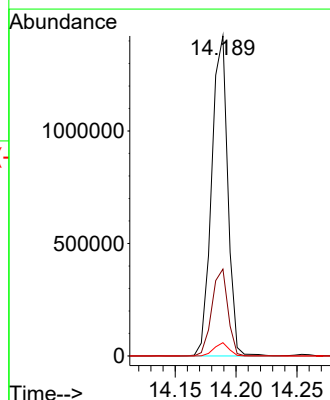
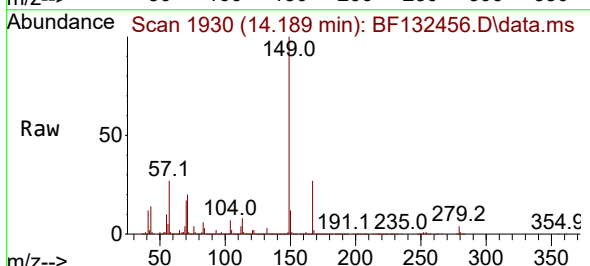
Tgt Ion:149 Resp: 1305939

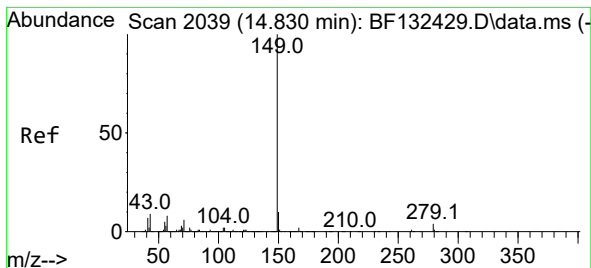
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 4.1 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 58.104 ng

RT: 14.813 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

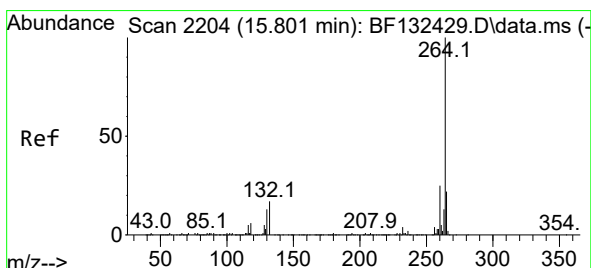
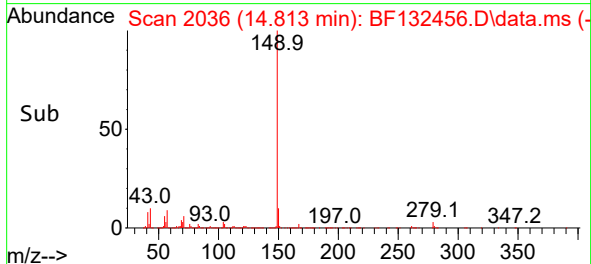
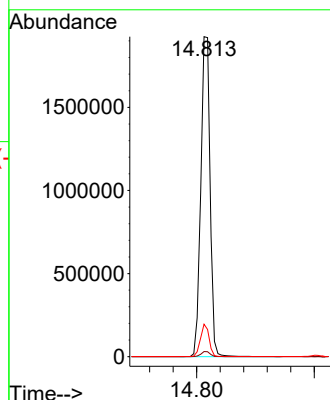
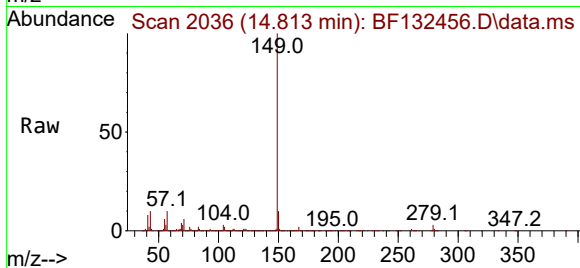
Tgt Ion:149 Resp: 2100540

Ion Ratio Lower Upper

149 100

167 1.6 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: BF132456.D

Acq: 17 Feb 2023 18:25

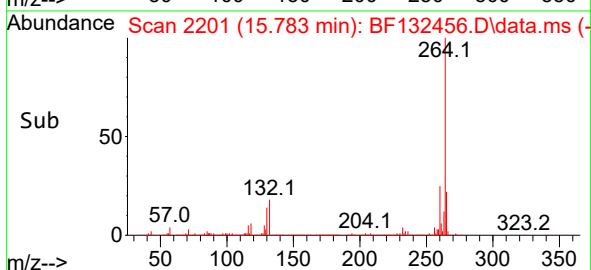
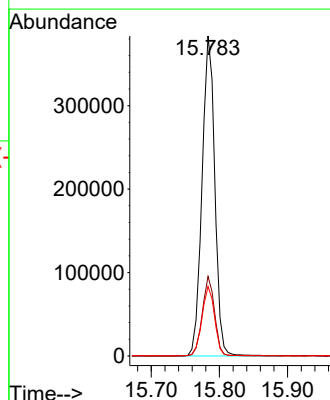
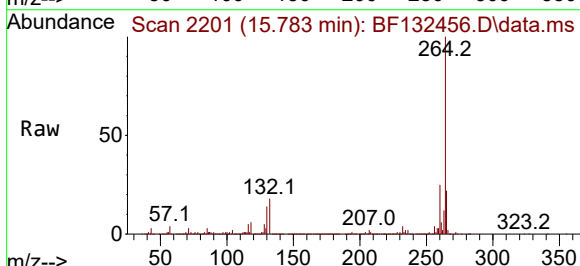
Tgt Ion:264 Resp: 499577

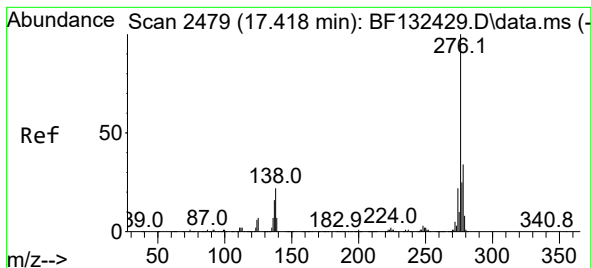
Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.204 ng

RT: 17.401 min Scan# 2479

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

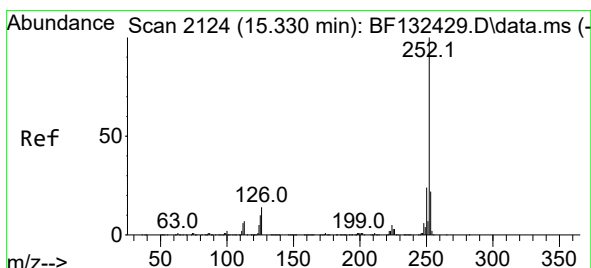
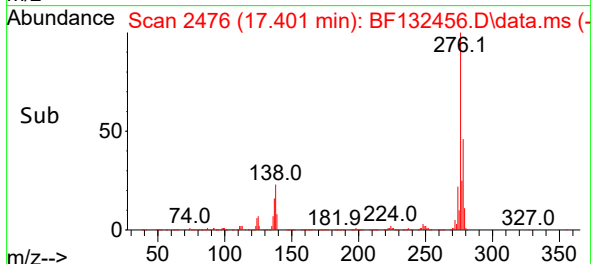
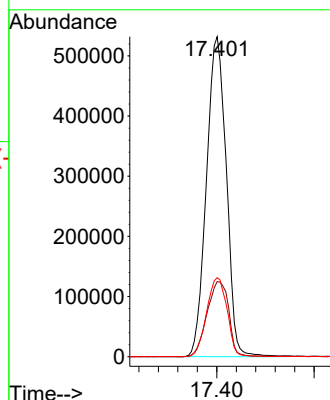
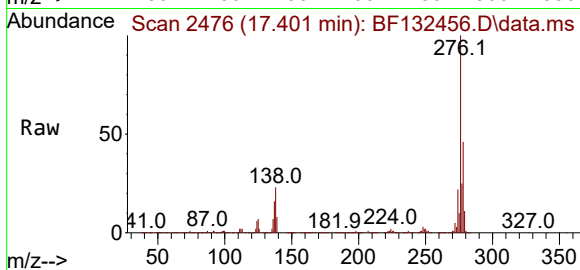
Tgt Ion:276 Resp: 1507452

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.092 ng

RT: 15.318 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

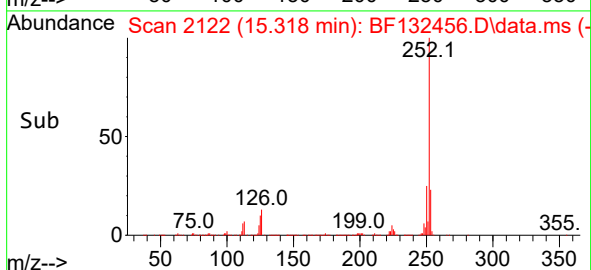
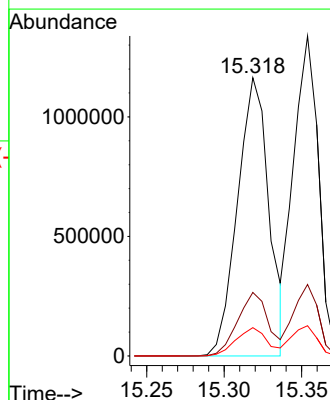
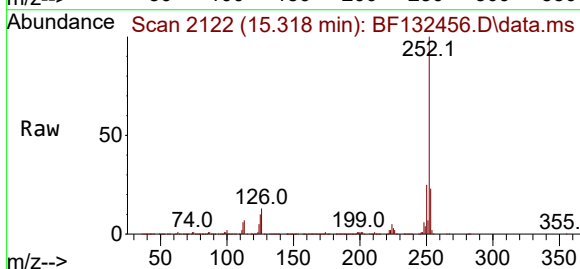
Tgt Ion:252 Resp: 1645671

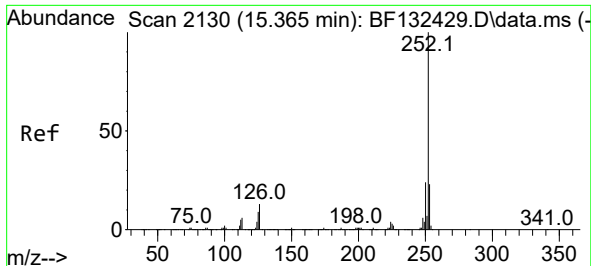
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 45.828 ng

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB150925BS

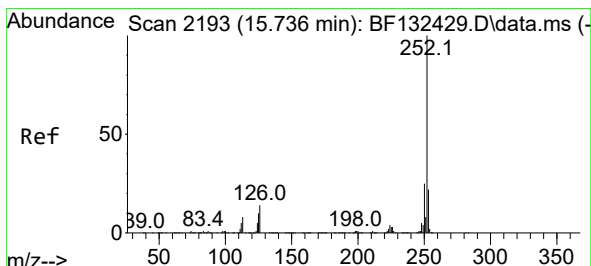
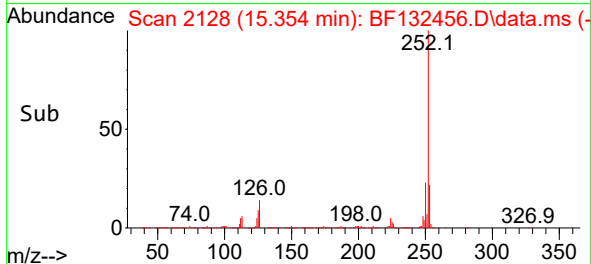
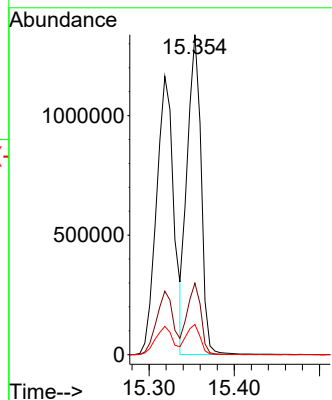
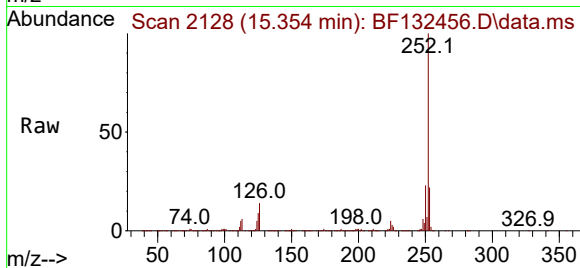
Tgt Ion:252 Resp: 1506639

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 44.198 ng

RT: 15.718 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BF132456.D

Acq: 17 Feb 2023 18:25

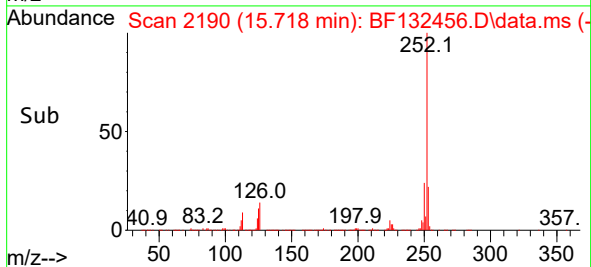
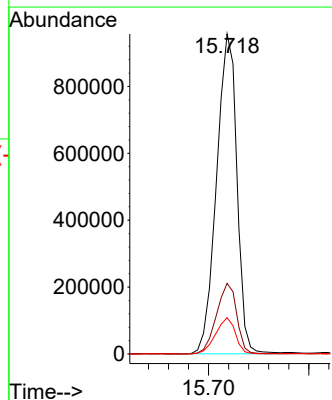
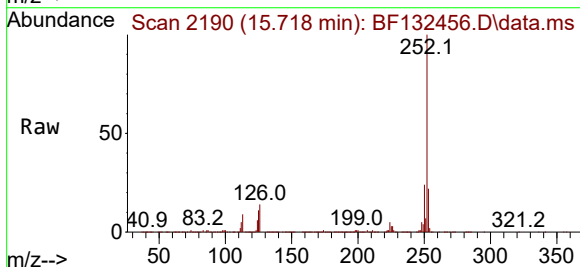
Tgt Ion:252 Resp: 1349414

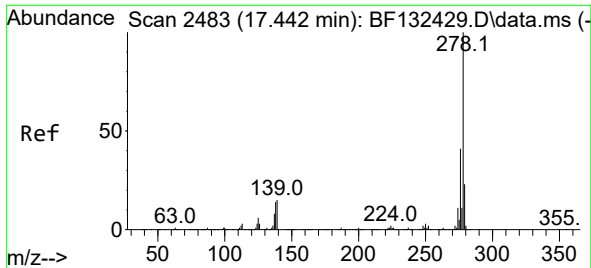
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.4 8.2 12.4

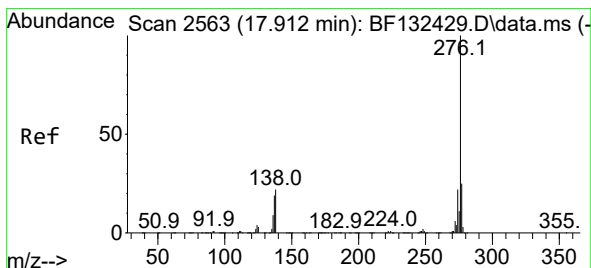
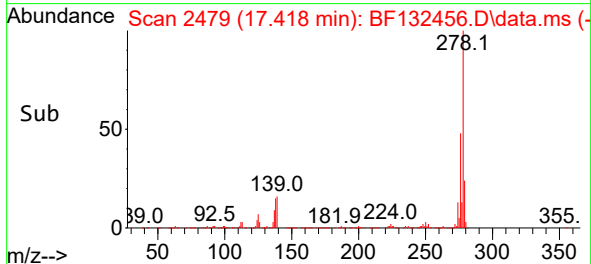
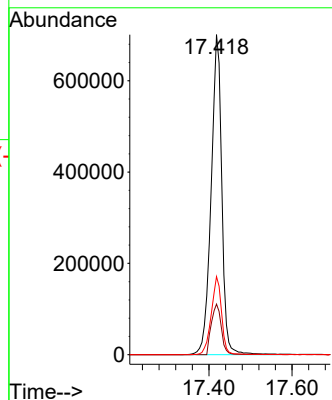
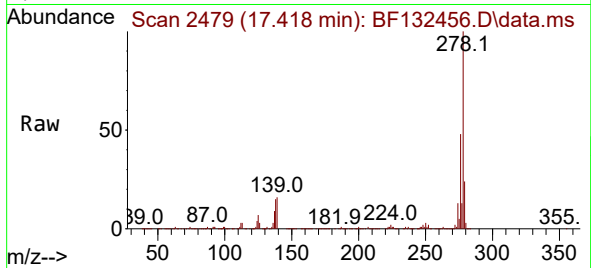




#91
Dibenzo(a,h)anthracene
Concen: 47.564 ng
RT: 17.418 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Instrument :
BNA_F
ClientSampleId :
PB150925BS

Tgt Ion:278 Resp: 1251050
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.2
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.502 ng
RT: 17.895 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BF132456.D
Acq: 17 Feb 2023 18:25

Tgt Ion:276 Resp: 1283143
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 22.7 17.7 26.5

