

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132467.D
 Acq On : 18 Feb 2023 00:25
 Operator : CG\JU
 Sample : 01552-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

Quant Time: Feb 18 01:03:31 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	257006	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	933101	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	461843	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	778950	20.000	ng	0.00
76) Chrysene-d12	14.230	240	382447	20.000	ng	# 0.00
86) Perylene-d12	15.789	264	414993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1626370	101.400	ng	0.02
7) Phenol-d6	6.654	99	2141004	102.228	ng	0.00
23) Nitrobenzene-d5	7.590	82	1433669	73.826	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	461324	100.114	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2073518	69.334	ng	0.00
79) Terphenyl-d14	13.160	244	1782938	84.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	350142	40.354	ng	99
3) Pyridine	3.760	79	886617	37.645	ng	98
4) n-Nitrosodimethylamine	3.731	42	401715	43.199	ng	94
6) Aniline	6.707	93	1028370	35.246	ng	96
8) 2-Chlorophenol	6.813	128	768636	46.942	ng	93
9) Benzaldehyde	6.578	77	465935	41.610	ng	95
10) Phenol	6.666	94	1032094	46.502	ng	97
11) bis(2-Chloroethyl)ether	6.754	93	864084	45.897	ng	99
12) 1,3-Dichlorobenzene	6.966	146	801454	44.931	ng	99
13) 1,4-Dichlorobenzene	7.042	146	793653	44.603	ng	99
14) 1,2-Dichlorobenzene	7.195	146	771678	47.336	ng	97
15) Benzyl Alcohol	7.166	79	730714	47.169	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1161310	44.365	ng	97
17) 2-Methylphenol	7.272	107	657169	42.160	ng	99
18) Hexachloroethane	7.537	117	323588	48.163	ng	92
19) n-Nitroso-di-n-propyla...	7.442	70	559255	43.558	ng	96
20) 3+4-Methylphenols	7.425	107	745107	38.716	ng	# 80
22) Acetophenone	7.437	105	1007656	41.668	ng	99
24) Nitrobenzene	7.613	77	914595	42.956	ng	98
25) Isophorone	7.848	82	1678020	43.974	ng	99
26) 2-Nitrophenol	7.925	139	413118	49.913	ng	99
27) 2,4-Dimethylphenol	7.960	122	642826	43.016	ng	99
28) bis(2-Chloroethoxy)met...	8.054	93	992577	44.510	ng	99
29) 2,4-Dichlorophenol	8.166	162	612082	43.416	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	695312	44.347	ng	98
31) Naphthalene	8.337	128	2268647	46.849	ng	99
32) Benzoic acid	8.089	122	522065	48.321	ng	94
33) 4-Chloroaniline	8.384	127	207244	10.301	ng	95
34) Hexachlorobutadiene	8.442	225	441598	44.612	ng	98
35) Caprolactam	8.760	113	179149	39.142	ng	99
36) 4-Chloro-3-methylphenol	8.860	107	680930	43.166	ng	98
37) 2-Methylnaphthalene	9.025	142	1431741	43.932	ng	98
38) 1-Methylnaphthalene	9.131	142	1341763	43.823	ng	99
40) 1,2,4,5-Tetrachloroben...	9.195	216	666831	44.559	ng	99
41) Hexachlorocyclopentadiene	9.178	237	550248	66.944	ng	100
43) 2,4,6-Trichlorophenol	9.301	196	457997	46.459	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132467.D
 Acq On : 18 Feb 2023 00:25
 Operator : CG\JU
 Sample : 01552-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

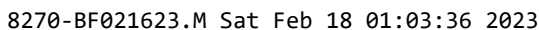
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

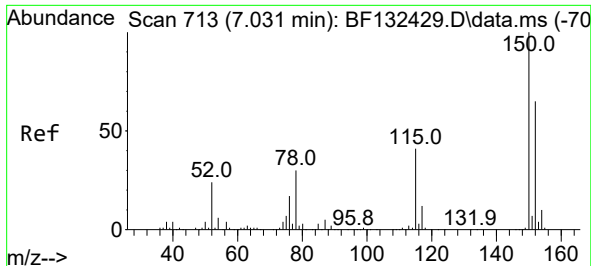
Quant Time: Feb 18 01:03:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	476258	41.478	ng	98
46) 1,1'-Biphenyl	9.495	154	1562002	43.698	ng	100
47) 2-Chloronaphthalene	9.519	162	1230303	43.851	ng	99
48) 2-Nitroaniline	9.613	65	437629	44.456	ng	98
49) Acenaphthylene	9.936	152	1874146	42.043	ng	99
50) Dimethylphthalate	9.789	163	1491854	43.864	ng	100
51) 2,6-Dinitrotoluene	9.854	165	328310	44.388	ng	98
52) Acenaphthene	10.113	154	1437925	51.833	ng	99
53) 3-Nitroaniline	10.025	138	256065	30.153	ng	95
54) 2,4-Dinitrophenol	10.136	184	321489	70.640	ng	97
55) Dibenzofuran	10.283	168	1935937	47.034	ng	98
56) 4-Nitrophenol	10.189	139	505598	82.065	ng	97
57) 2,4-Dinitrotoluene	10.260	165	432626	44.434	ng	96
58) Fluorene	10.631	166	1516413	48.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.401	232	373283	43.015	ng	98
60) Diethylphthalate	10.489	149	1380537	41.292	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	653365	40.094	ng	100
62) 4-Nitroaniline	10.648	138	292961	36.971	ng	96
63) Azobenzene	10.778	77	1498261	40.502	ng	94
65) 4,6-Dinitro-2-methylph...	10.672	198	200698	41.442	ng	91
66) n-Nitrosodiphenylamine	10.736	169	1119321	46.818	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	404546	47.386	ng	96
68) Hexachlorobenzene	11.178	284	424110	47.524	ng	97
69) Atrazine	11.266	200	354751	48.207	ng	96
70) Pentachlorophenol	11.378	266	437429	78.840	ng	99
71) Phenanthrene	11.607	178	4700326	117.160	ng	96
72) Anthracene	11.654	178	2563829	62.165	ng	98
73) Carbazole	11.807	167	1817225	48.949	ng	99
74) Di-n-butylphthalate	12.125	149	1971549	44.586	ng	99
75) Fluoranthene	12.801	202	4608369	103.000	ng	97
77) Benzidine	12.913	184	332993	40.889	ng	99
78) Pyrene	13.036	202	4073730	125.389	ng	97
80) Butylbenzylphthalate	13.630	149	687315	56.695	ng	99
81) Benzo(a)anthracene	14.224	228	2565687	91.597	ng	98
82) 3,3'-Dichlorobenzidine	14.177	252	346490	46.311	ng	98
83) Chrysene	14.260	228	2279736	85.183	ng	98
84) Bis(2-ethylhexyl)phtha...	14.189	149	980489	62.477	ng #	98
85) Di-n-octyl phthalate	14.818	149	1569013	68.853	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	1603375	60.441	ng	98
88) Benzo(b)fluoranthene	15.330	252	2780592	101.889	ng	100
89) Benzo(k)fluoranthene	15.360	252	1540111	56.394	ng	99
90) Benzo(a)pyrene	15.730	252	2081647	82.079	ng	98
91) Dibenzo(a,h)anthracene	17.424	278	968989	44.349	ng	99
92) Benzo(g,h,i)perylene	17.906	276	1362342	60.714	ng	100

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

Quant Time: Feb 18 01:03:31 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

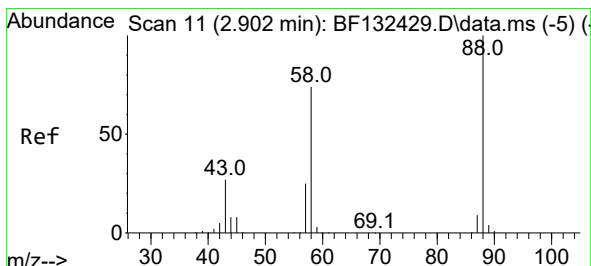
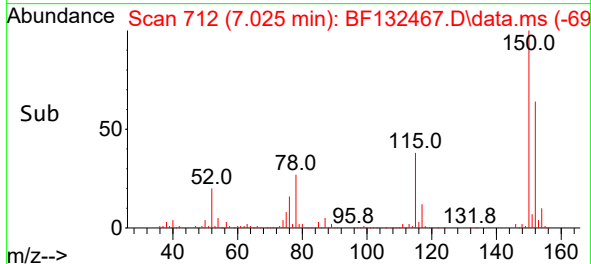
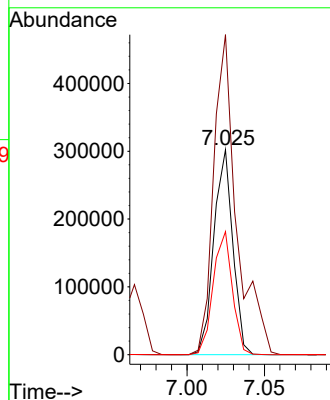
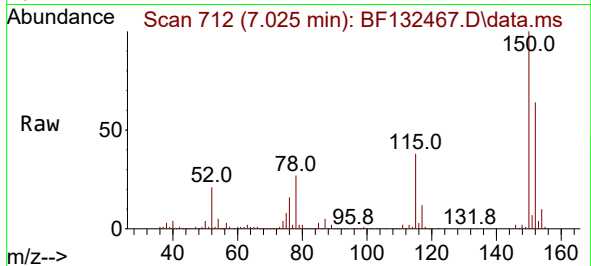




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

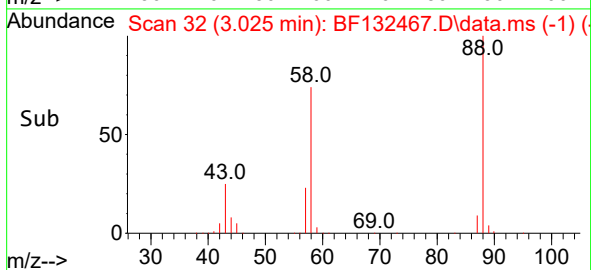
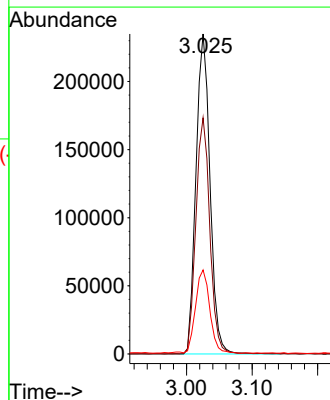
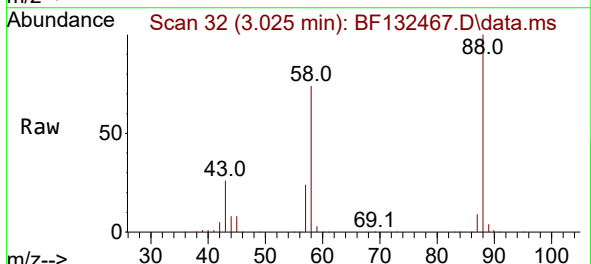
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

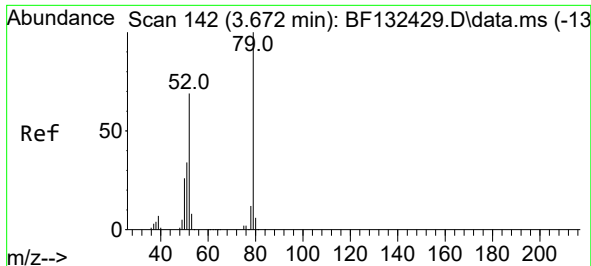
Tgt Ion:152 Resp: 257006
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 60.1 50.4 75.6



#2
1,4-Dioxane
Concen: 40.354 ng
RT: 3.025 min Scan# 32
Delta R.T. 0.124 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion: 88 Resp: 350142
Ion Ratio Lower Upper
88 100
58 73.7 60.1 90.1
43 26.9 21.5 32.3



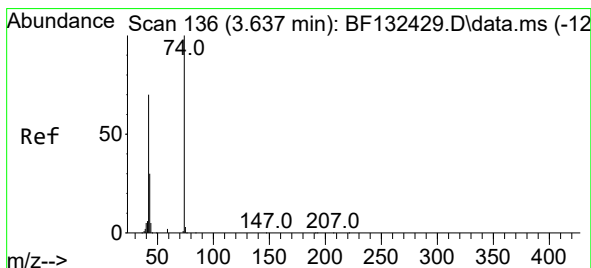
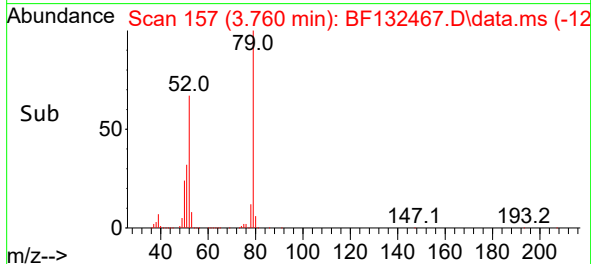
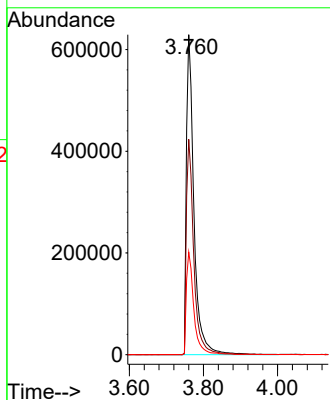
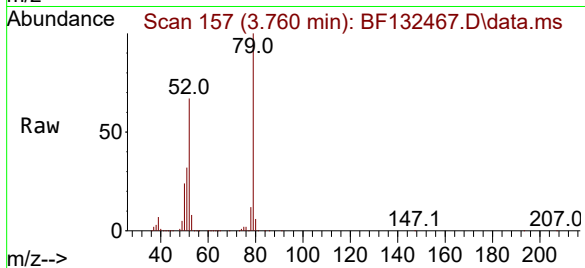


#3
 Pyridine
 Concen: 37.645 ng
 RT: 3.760 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

Tgt Ion: 79 Resp: 886617

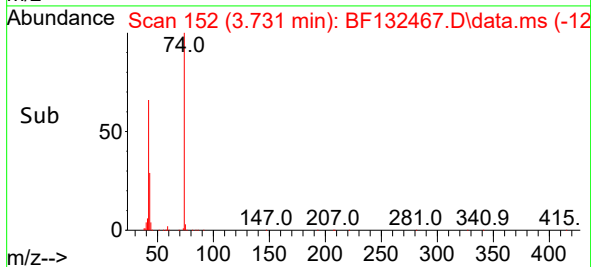
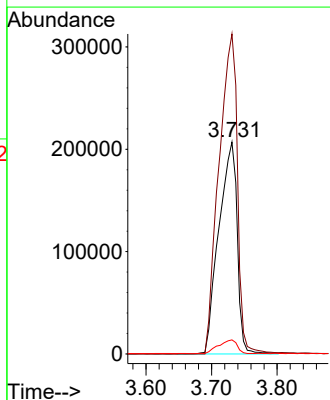
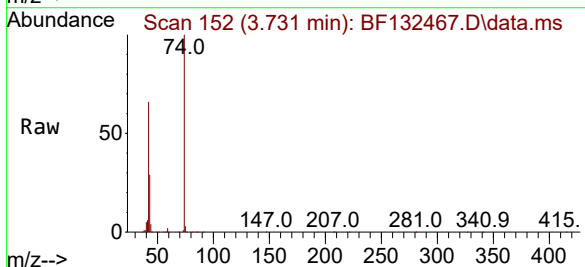
Ion	Ratio	Lower	Upper
79	100		
52	67.3	55.0	82.6
51	32.0	27.0	40.6

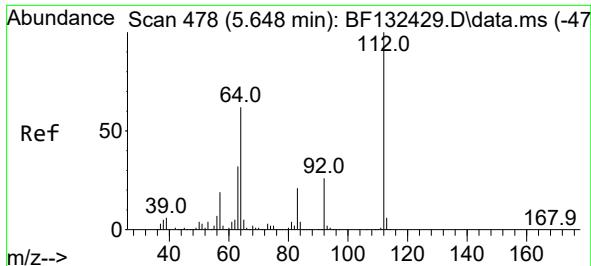


#4
 n-Nitrosodimethylamine
 Concen: 43.199 ng
 RT: 3.731 min Scan# 152
 Delta R.T. 0.088 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Tgt Ion: 42 Resp: 401715

Ion	Ratio	Lower	Upper
42	100		
74	151.0	115.1	172.7
44	6.6	5.7	8.5

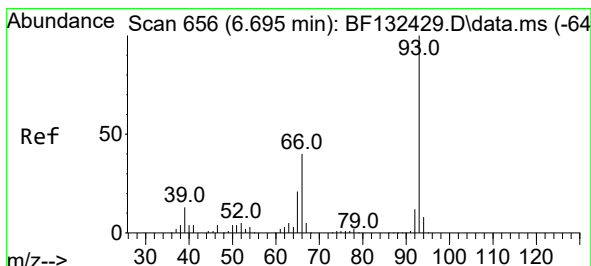
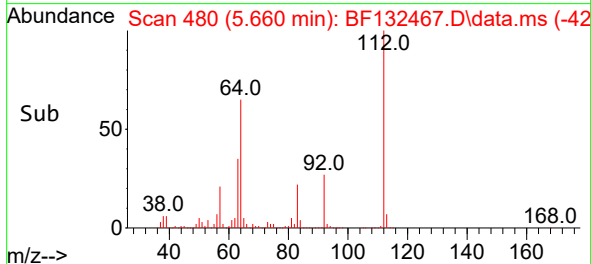
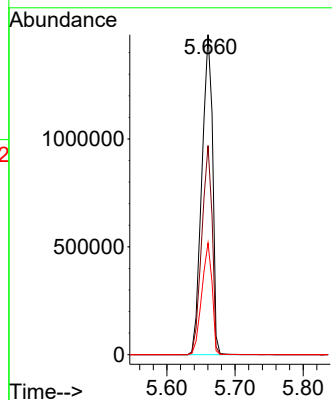
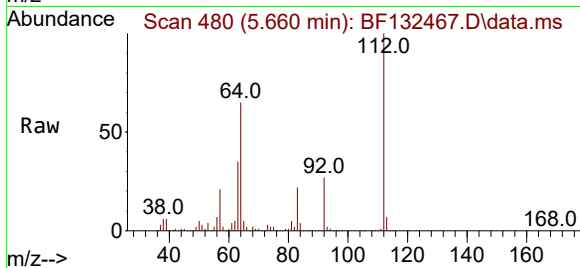




#5
2-Fluorophenol
Concen: 101.400 ng
RT: 5.660 min Scan# 478
Delta R.T. 0.018 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

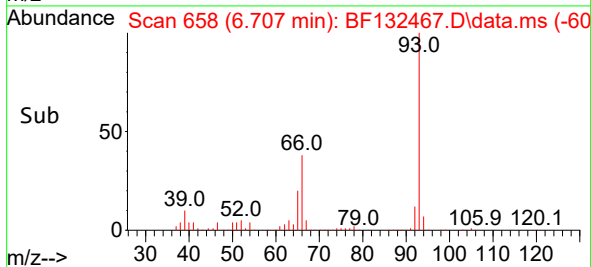
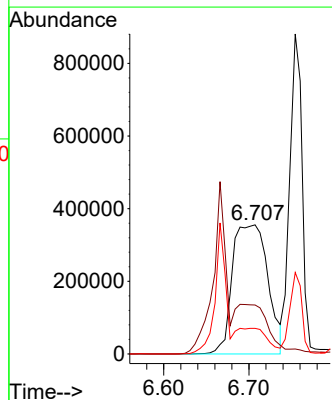
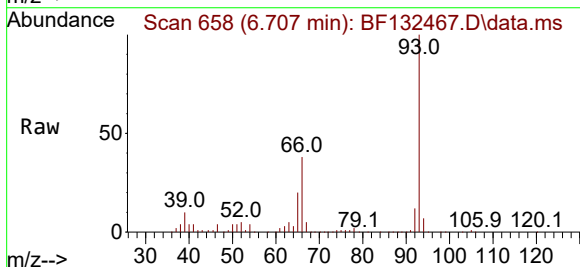
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

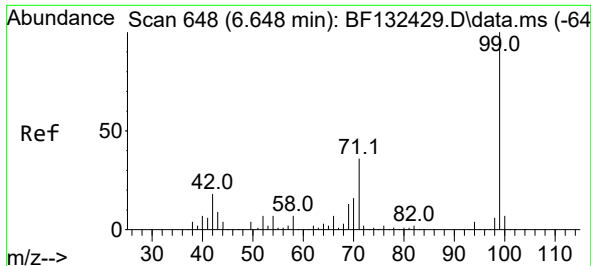
Tgt Ion:112 Resp: 1626370
Ion Ratio Lower Upper
112 100
64 65.3 49.7 74.5
63 34.9 25.8 38.8



#6
Aniline
Concen: 35.246 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.018 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion: 93 Resp: 1028370
Ion Ratio Lower Upper
93 100
66 38.0 32.7 49.1
65 19.8 17.1 25.7

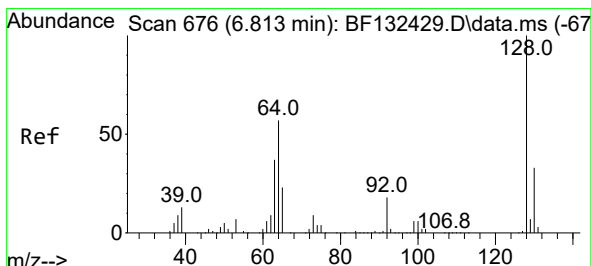
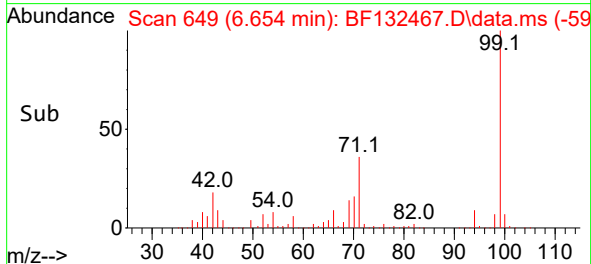
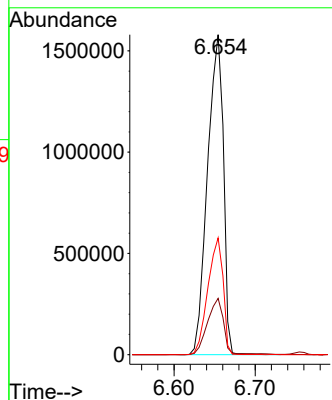
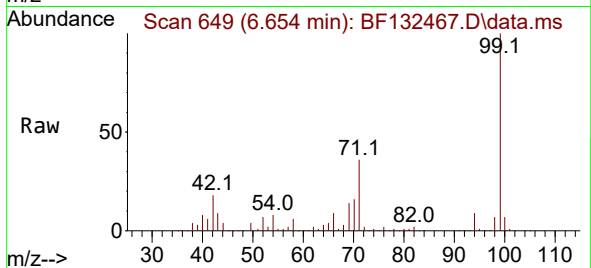




#7
Phenol-d6
Concen: 102.228 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

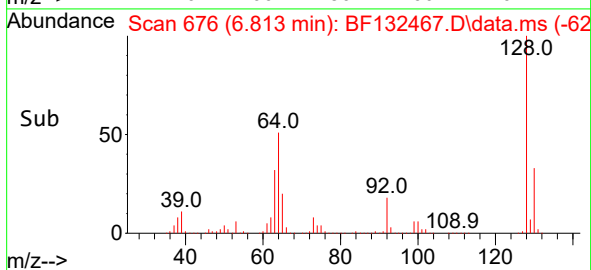
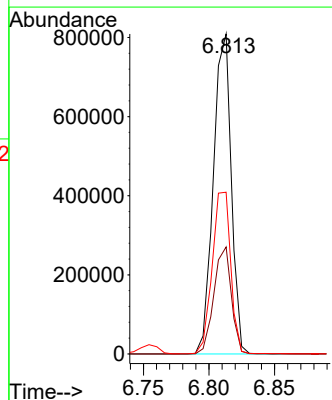
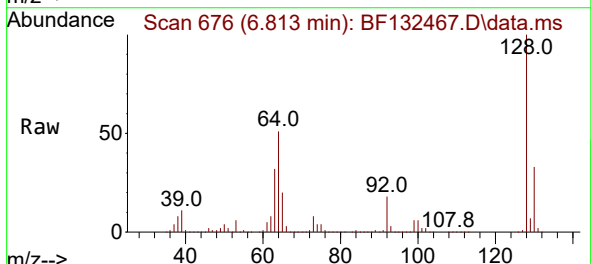
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

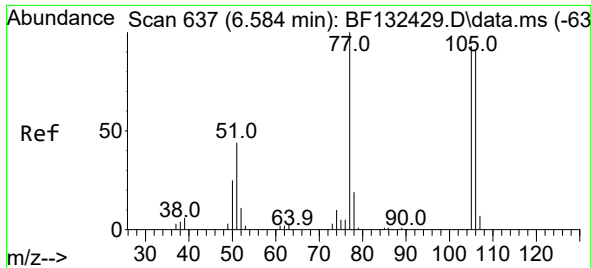
Tgt Ion: 99 Resp: 2141004
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.5 28.7 43.1



#8
2-Chlorophenol
Concen: 46.942 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:128 Resp: 768636
Ion Ratio Lower Upper
128 100
130 33.5 13.0 53.0
64 50.5 37.9 77.9

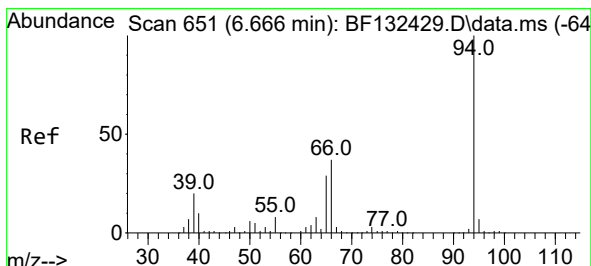
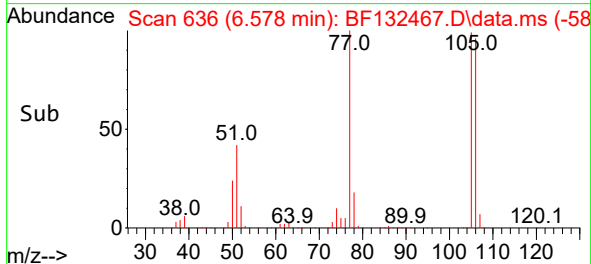
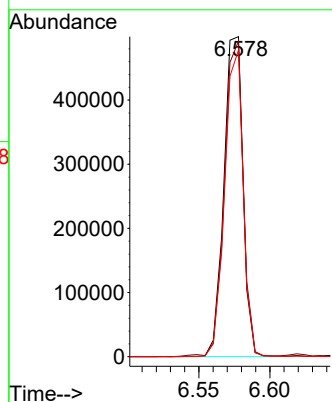
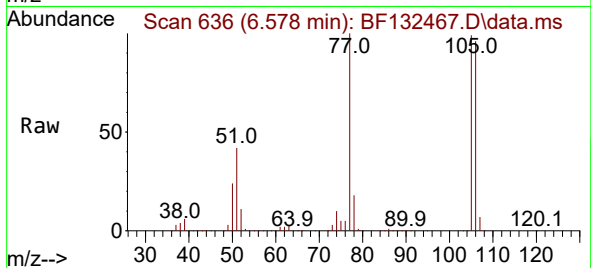




#9
Benzaldehyde
Concen: 41.610 ng
RT: 6.578 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

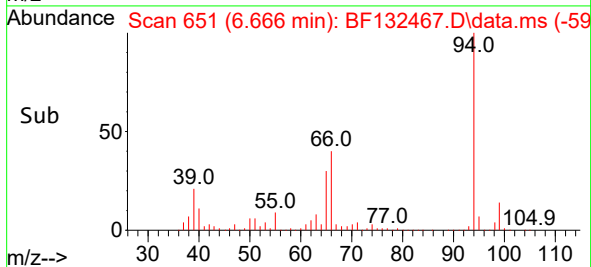
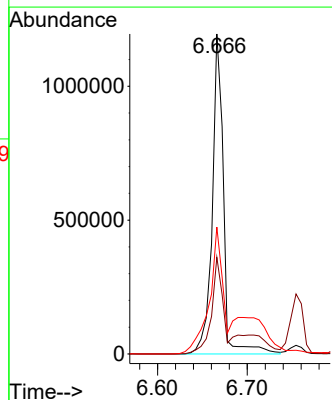
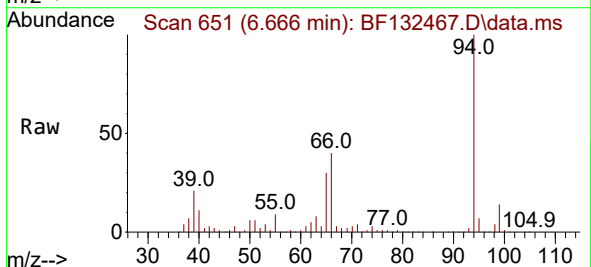
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

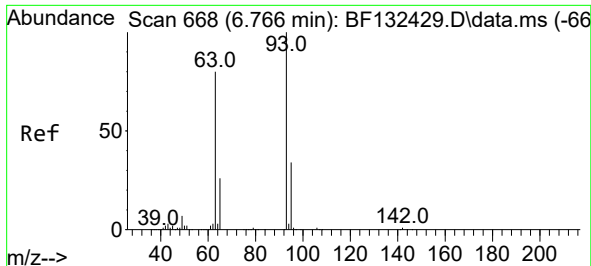
Tgt Ion: 77 Resp: 465935
Ion Ratio Lower Upper
77 100
105 98.6 73.2 113.2
106 95.8 71.5 111.5



#10
Phenol
Concen: 46.502 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion: 94 Resp: 1032094
Ion Ratio Lower Upper
94 100
65 30.2 9.0 49.0
66 39.7 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 45.897 ng

RT: 6.754 min Scan# 6

Delta R.T. -0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

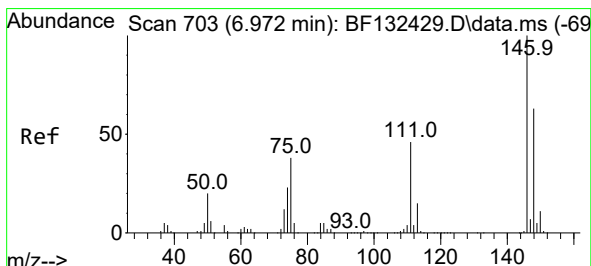
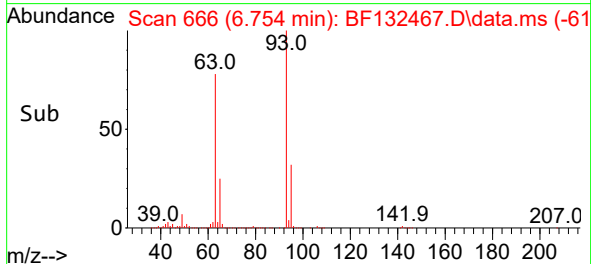
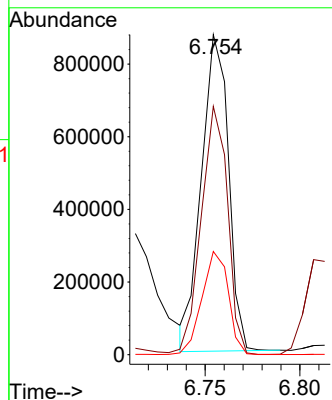
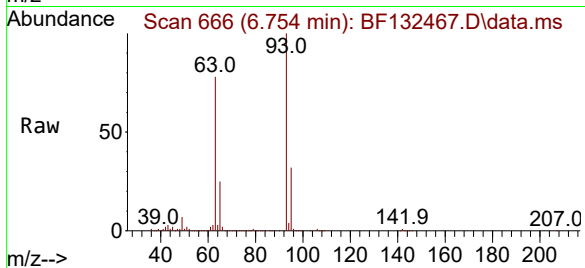
Tgt Ion: 93 Resp: 864084

Ion Ratio Lower Upper

93 100

63 77.6 58.6 98.6

95 32.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 44.931 ng

RT: 6.966 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

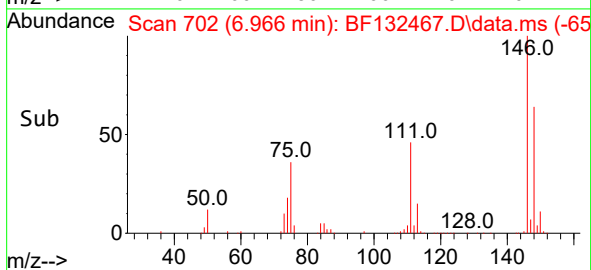
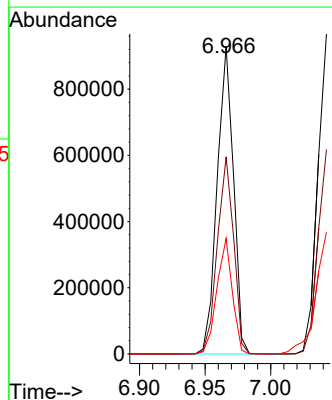
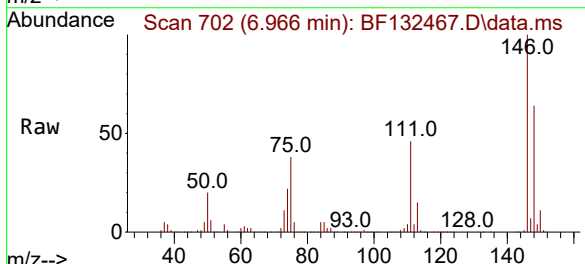
Tgt Ion:146 Resp: 801454

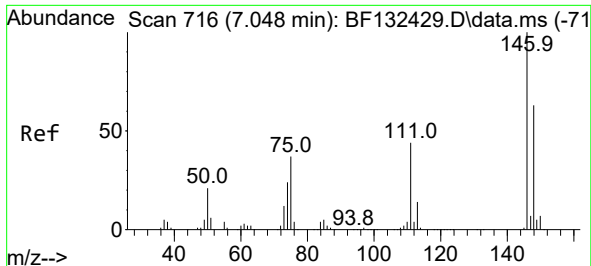
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

75 37.5 30.3 45.5

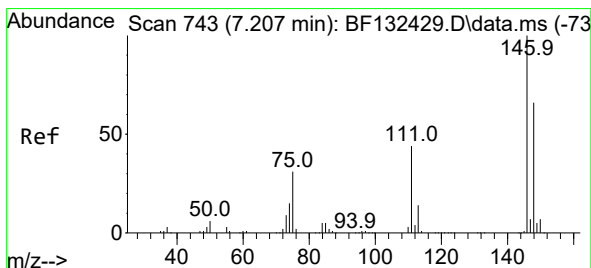
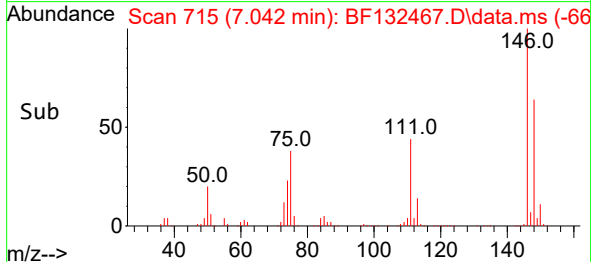
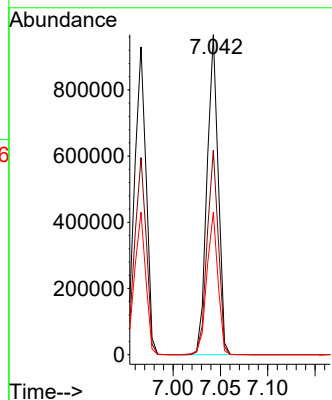
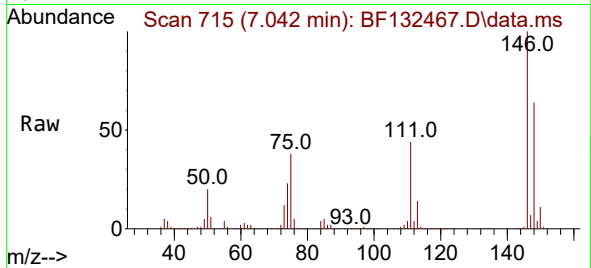




#13
1,4-Dichlorobenzene
Concen: 44.603 ng
RT: 7.042 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

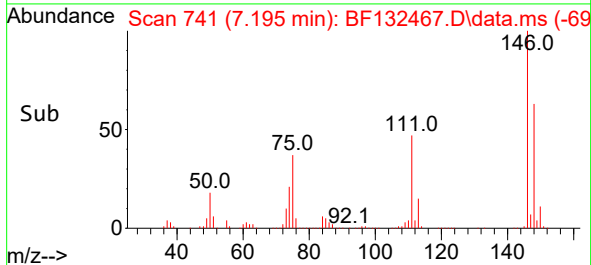
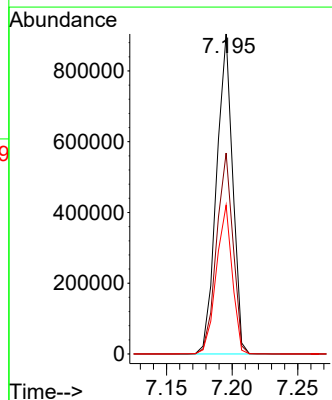
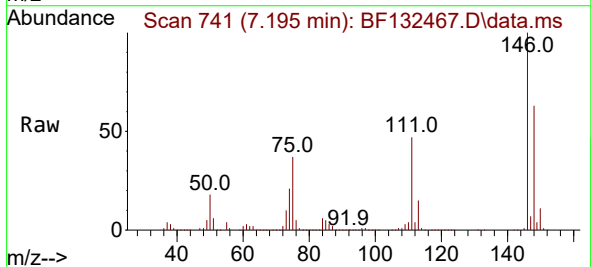
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

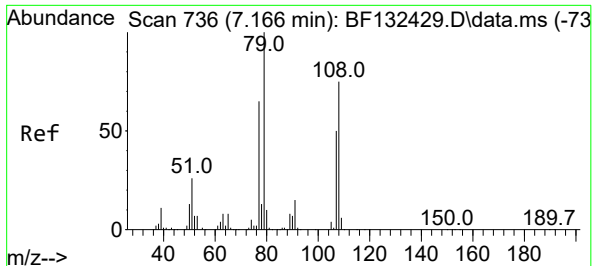
Tgt Ion:146 Resp: 793653
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
111 44.5 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 47.336 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:146 Resp: 771678
Ion Ratio Lower Upper
146 100
148 62.8 52.4 78.6
111 46.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 47.169 ng

RT: 7.166 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

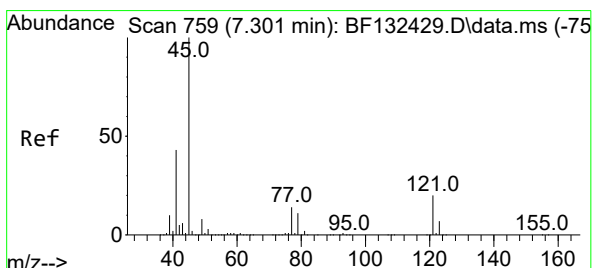
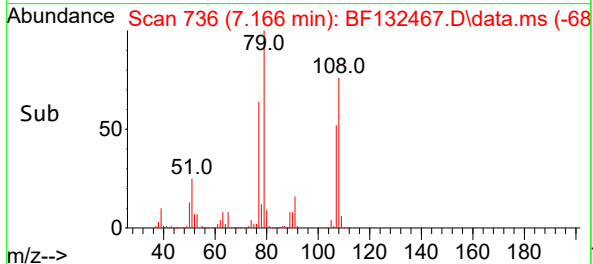
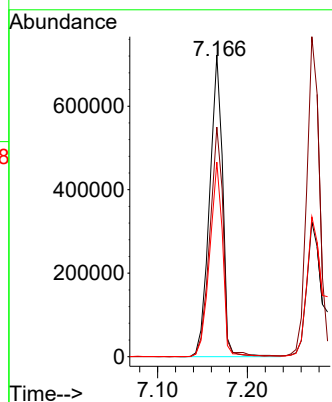
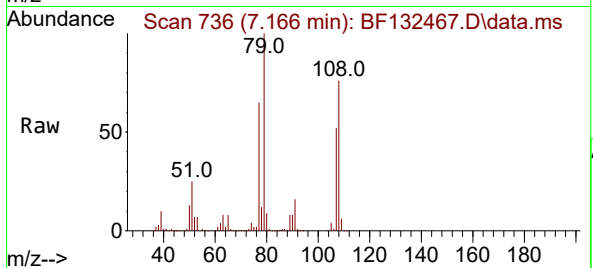
Tgt Ion: 79 Resp: 730714

Ion Ratio Lower Upper

79 100

108 76.1 59.8 89.6

77 64.5 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.365 ng

RT: 7.295 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

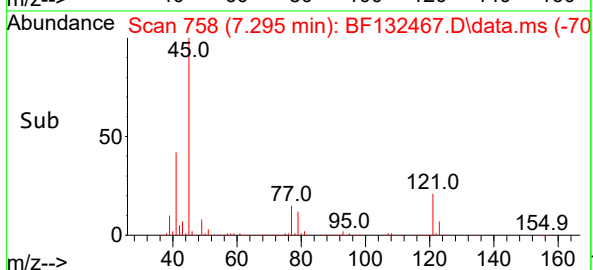
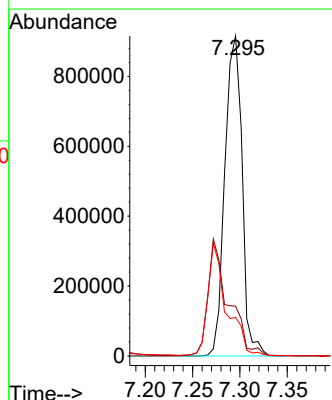
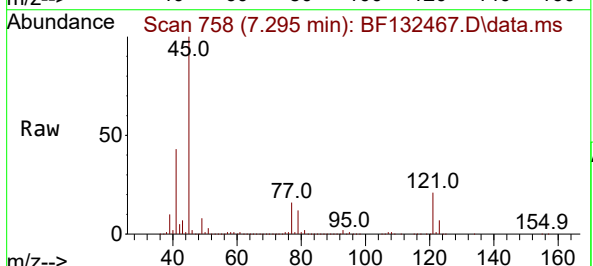
Tgt Ion: 45 Resp: 1161310

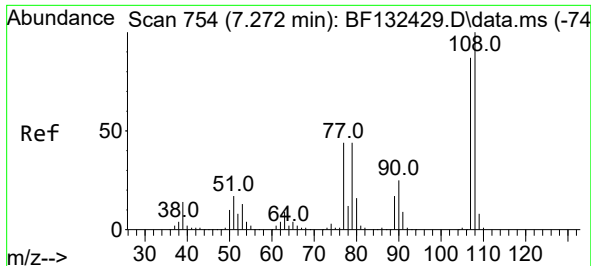
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.3

79 12.0 0.0 31.3

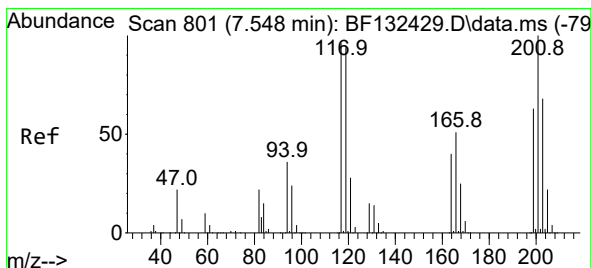
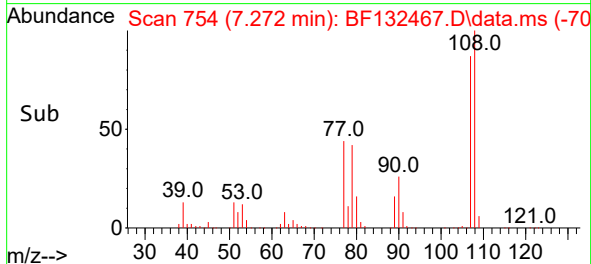
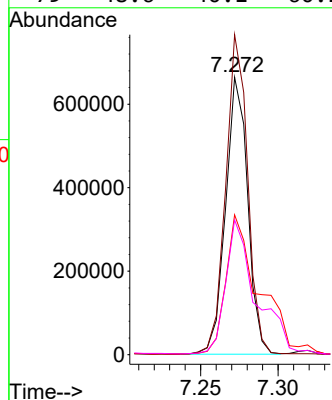
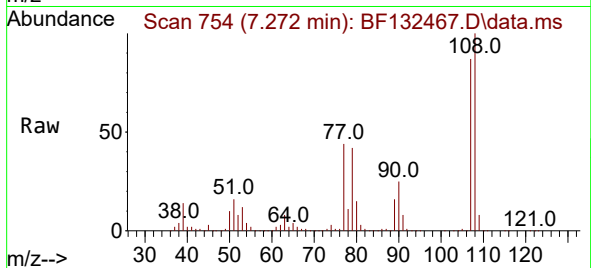




#17
2-Methylphenol
Concen: 42.160 ng
RT: 7.272 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

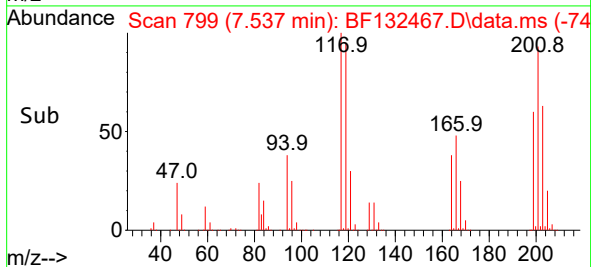
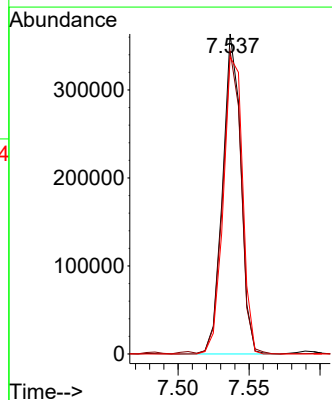
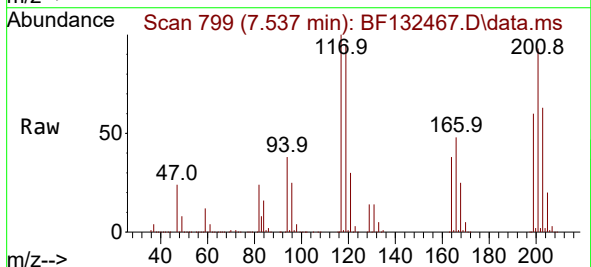
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

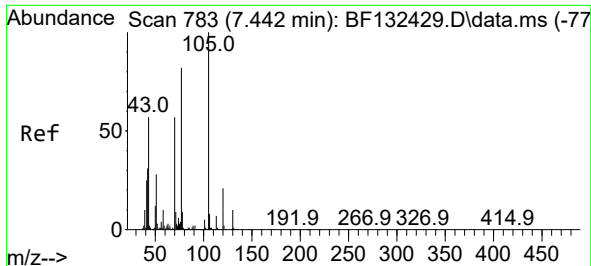
Tgt Ion:	107	Resp:	657169
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	50.4	40.7	61.1
79	48.6	40.1	60.1



#18
Hexachloroethane
Concen: 48.163 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:	117	Resp:	323588
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.8	118.2
201	92.8	83.5	125.3

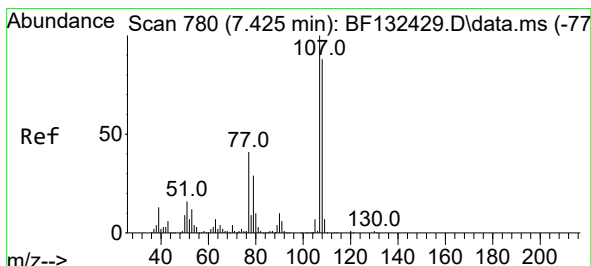
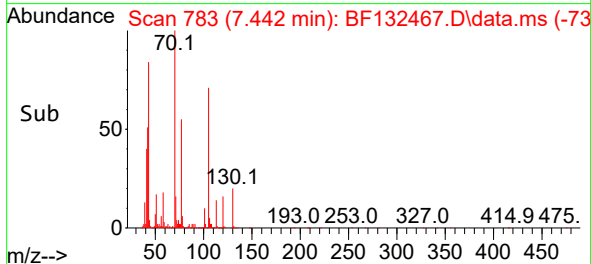
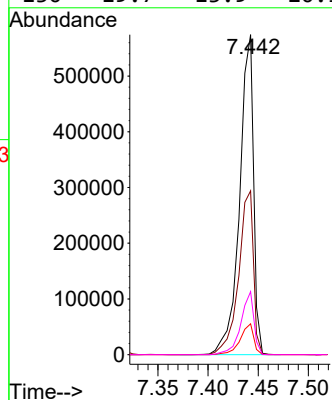
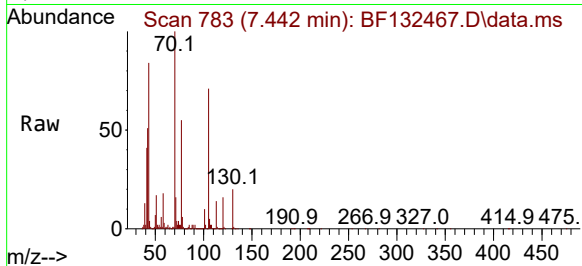




#19
n-Nitroso-di-n-propylamine
Concen: 43.558 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

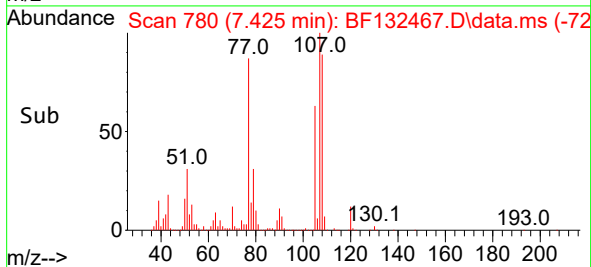
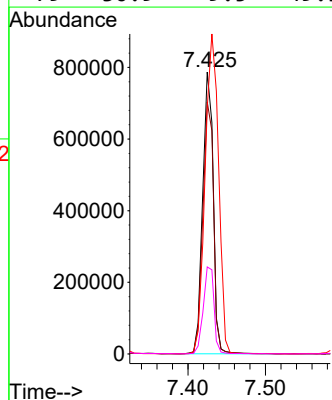
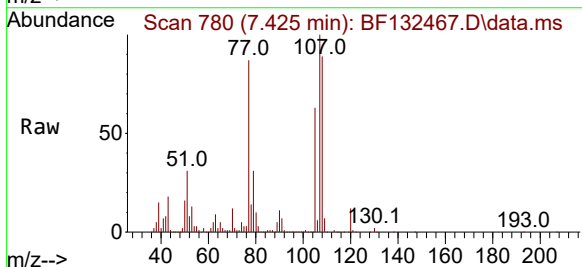
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

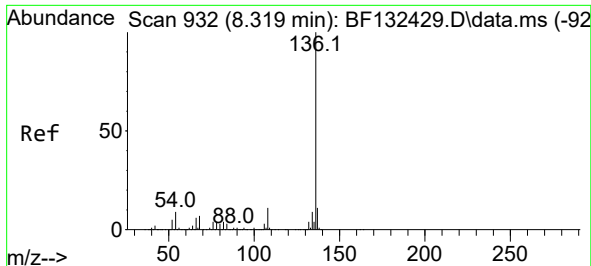
Tgt Ion:	70	Resp:	559255
Ion	Ratio	Lower	Upper
70	100		
42	51.2	43.5	65.3
101	9.6	7.3	10.9
130	19.7	13.9	20.9



#20
3+4-Methylphenols
Concen: 38.716 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:	107	Resp:	745107
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.1	108.1
77	87.3	21.3	61.3#
79	30.9	9.5	49.5

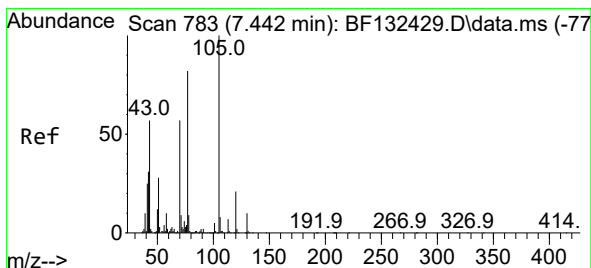
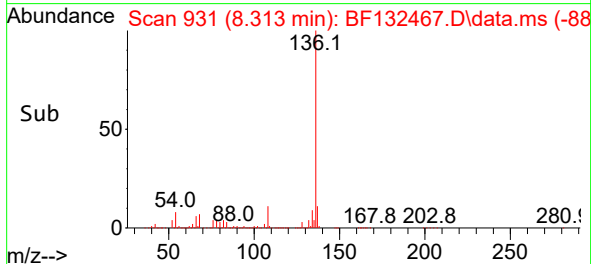
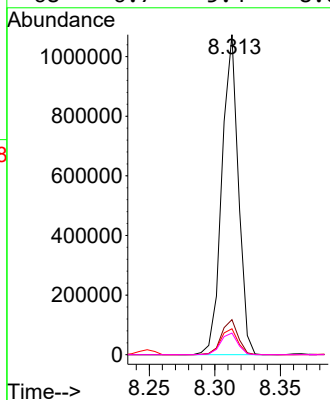
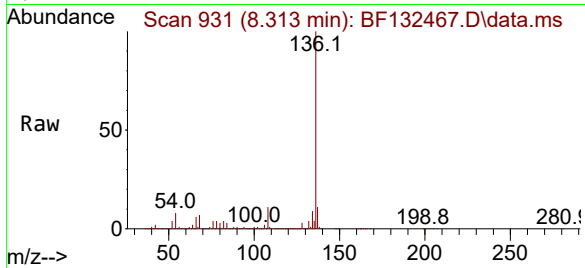




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

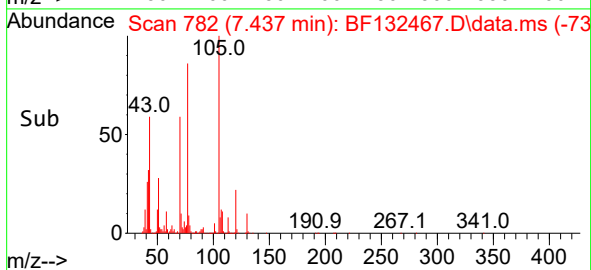
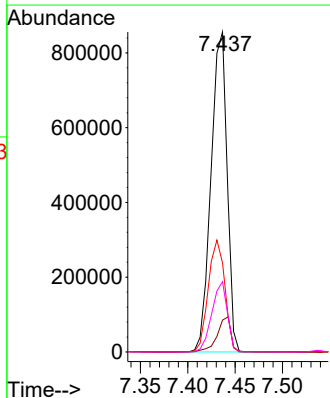
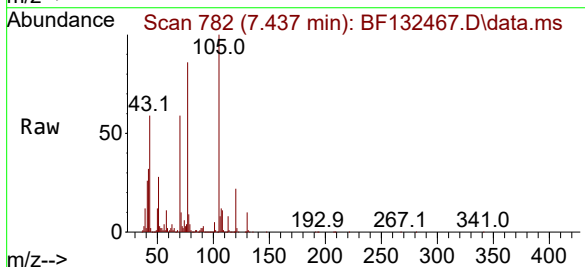
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

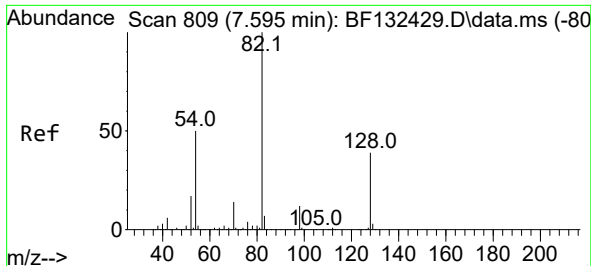
Tgt Ion:136 Resp: 933101
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.9 10.3
68 6.7 5.4 8.0



#22
Acetophenone
Concen: 41.668 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:105 Resp: 1007656
Ion Ratio Lower Upper
105 100
71 10.0 7.3 10.9
51 27.8 22.2 33.2
120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 73.826 ng

RT: 7.590 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

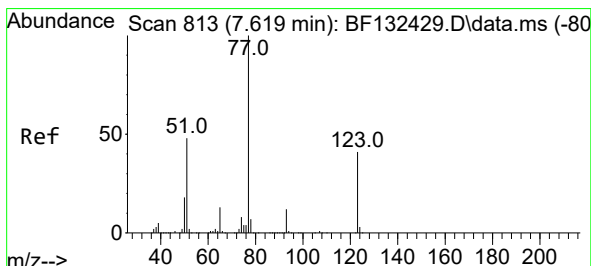
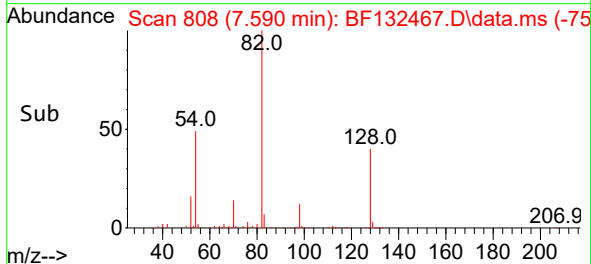
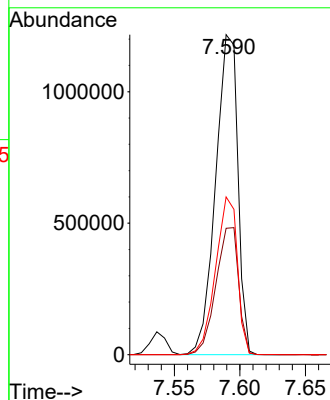
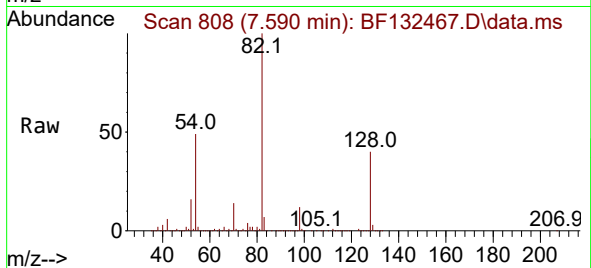
Tgt Ion: 82 Resp: 1433669

Ion Ratio Lower Upper

82 100

128 39.5 30.8 46.2

54 49.3 40.2 60.4



#24

Nitrobenzene

Concen: 42.956 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

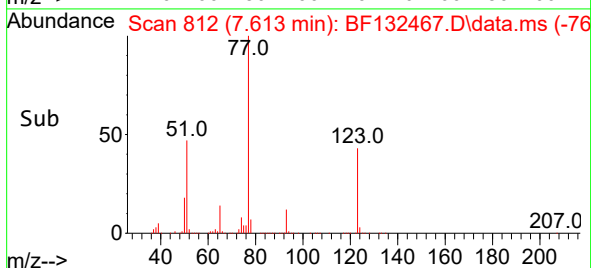
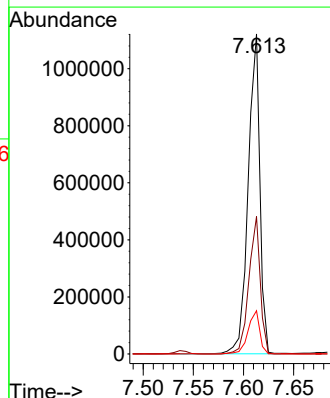
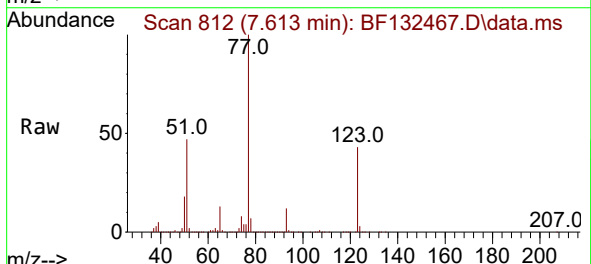
Tgt Ion: 77 Resp: 914595

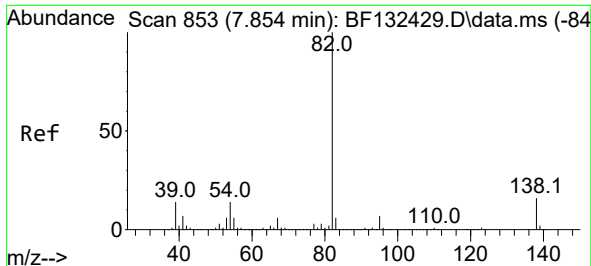
Ion Ratio Lower Upper

77 100

123 43.0 33.2 49.8

65 13.5 10.4 15.6

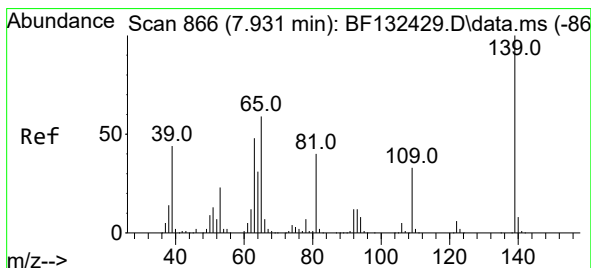
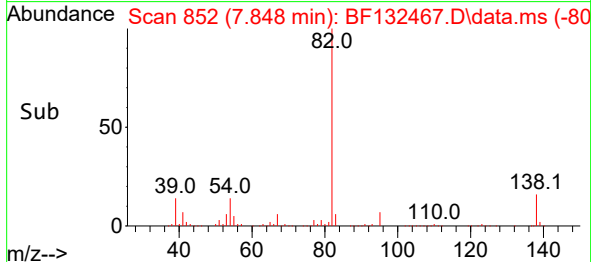
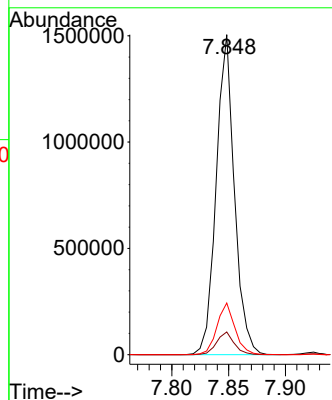
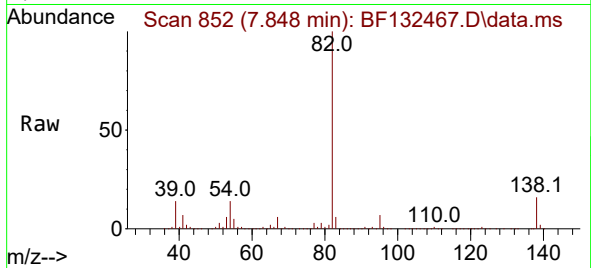




#25
Isophorone
Concen: 43.974 ng
RT: 7.848 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

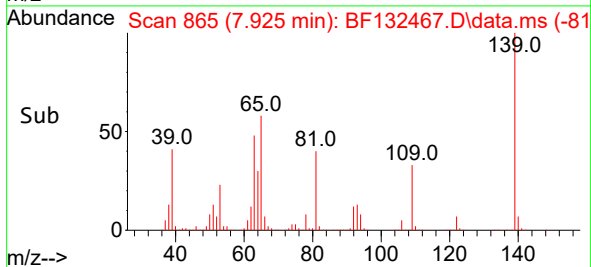
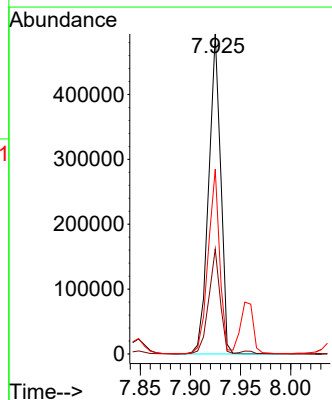
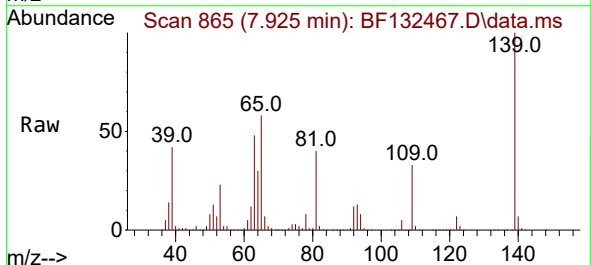
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

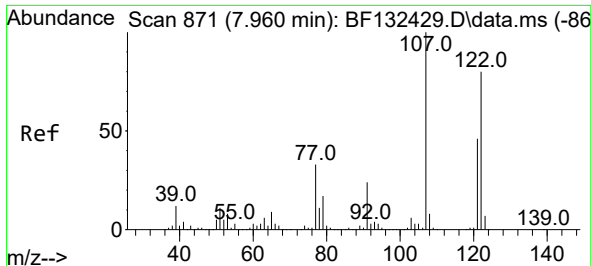
Tgt Ion: 82 Resp: 1678020
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.1 12.7 19.1



#26
2-Nitrophenol
Concen: 49.913 ng
RT: 7.925 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:139 Resp: 413118
Ion Ratio Lower Upper
139 100
109 32.8 26.3 39.5
65 57.7 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 43.016 ng

RT: 7.960 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

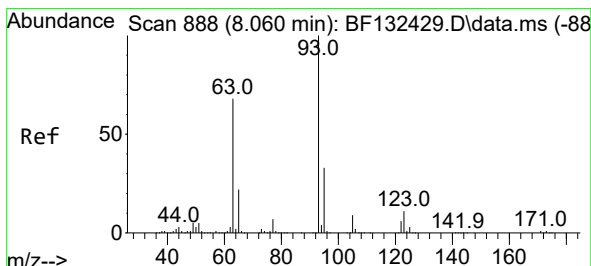
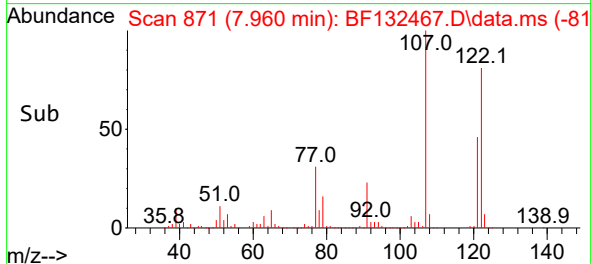
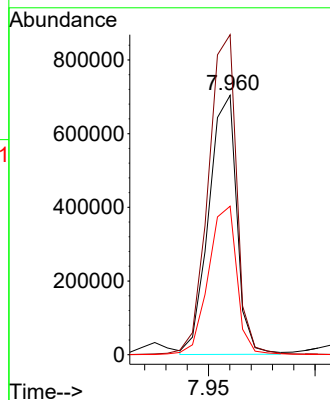
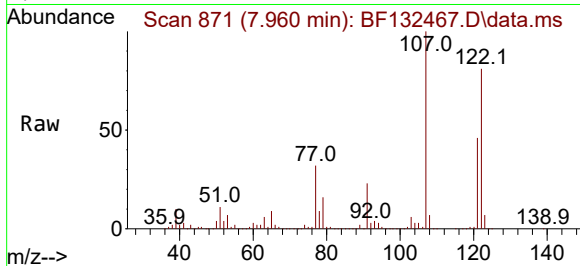
Tgt Ion:122 Resp: 642826

Ion Ratio Lower Upper

122 100

107 123.4 99.9 149.9

121 57.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.510 ng

RT: 8.054 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

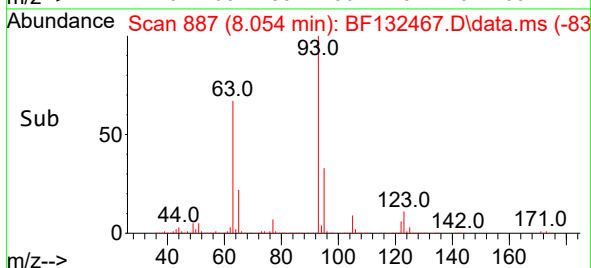
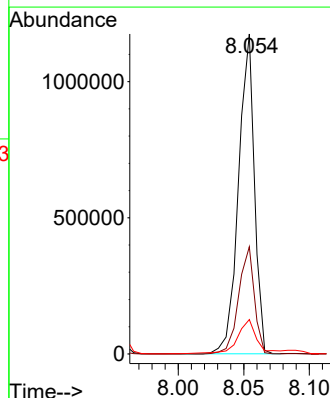
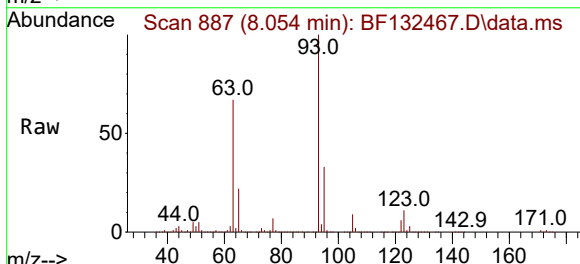
Tgt Ion: 93 Resp: 992577

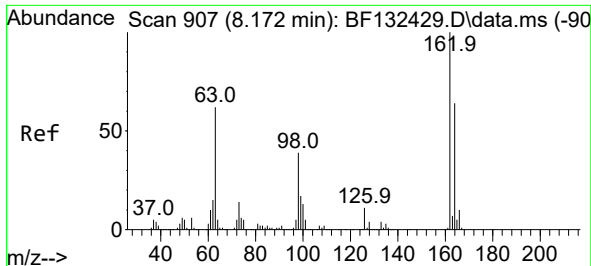
Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.416 ng

RT: 8.166 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

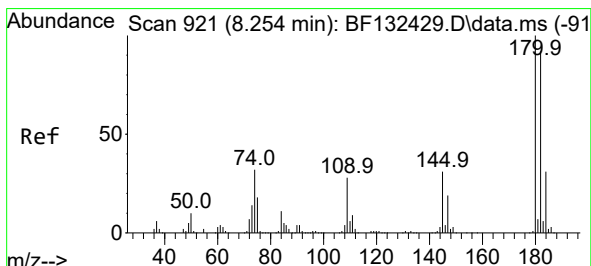
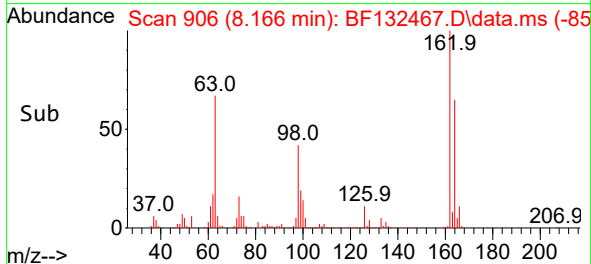
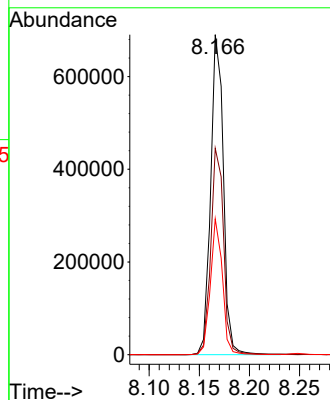
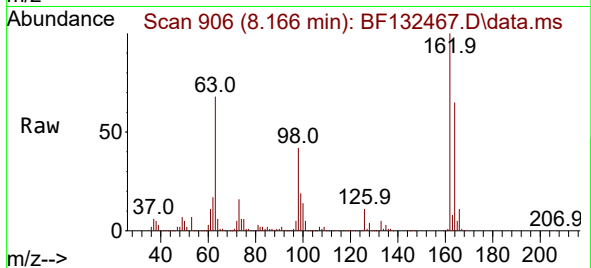
Tgt Ion:162 Resp: 612082

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

98 42.5 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 44.347 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

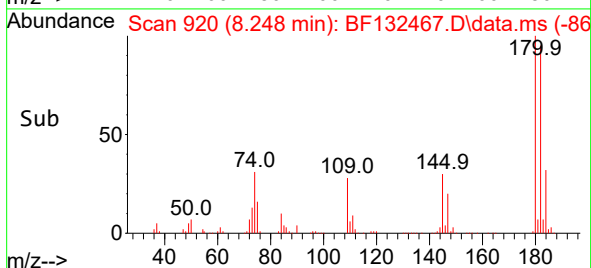
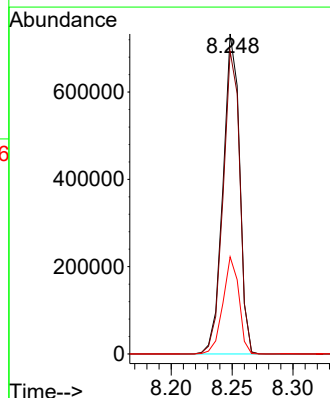
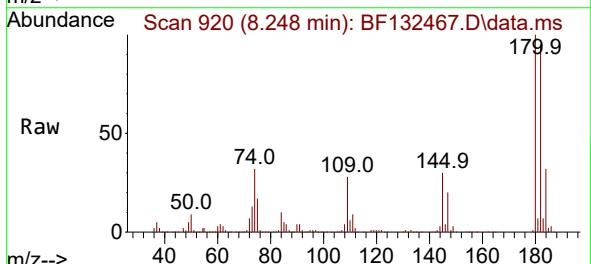
Tgt Ion:180 Resp: 695312

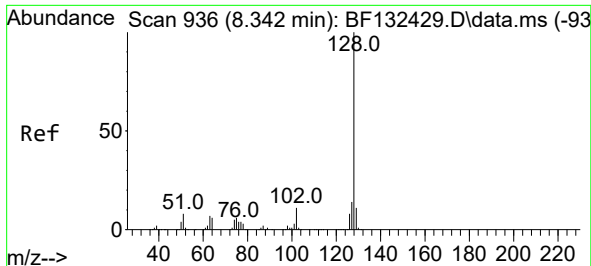
Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.8

145 30.3 24.4 36.6

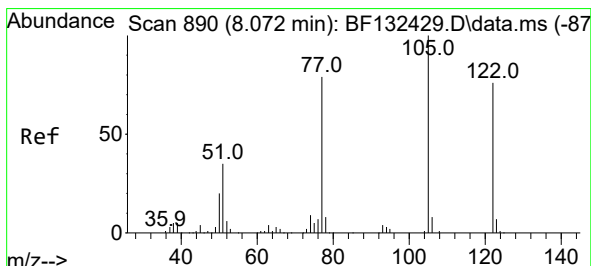
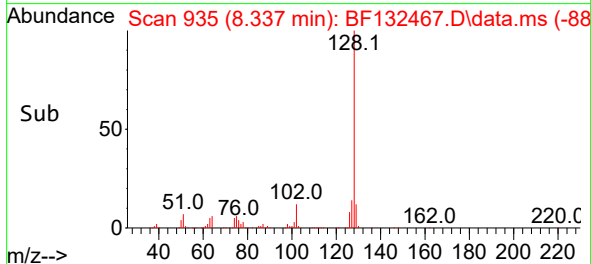
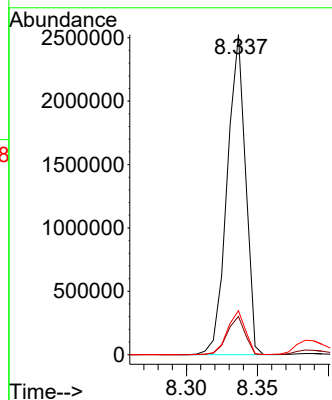
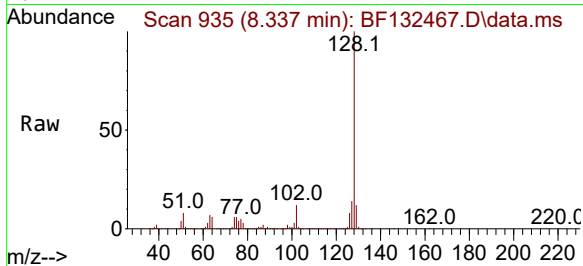




#31
Naphthalene
Concen: 46.849 ng
RT: 8.337 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

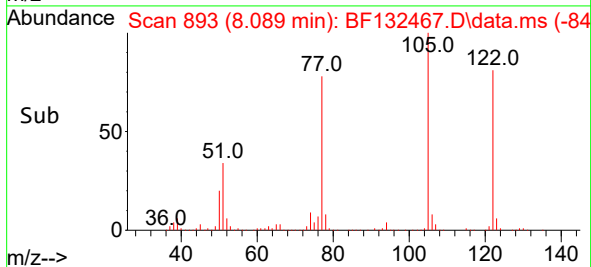
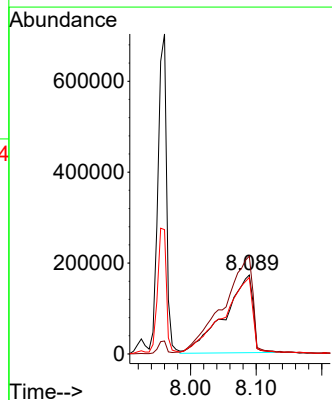
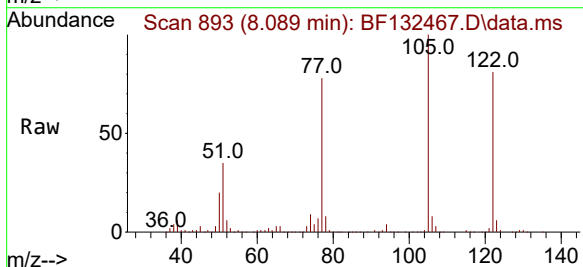
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

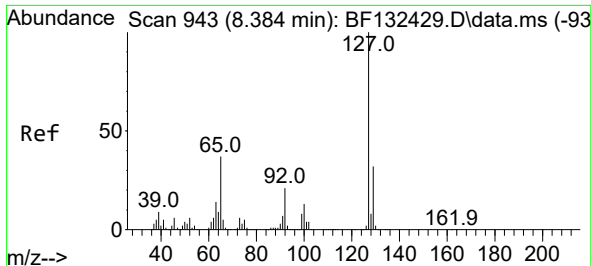
Tgt Ion:128 Resp: 2268647
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 48.321 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.012 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:122 Resp: 522065
Ion Ratio Lower Upper
122 100
105 123.9 109.7 149.7
77 97.0 83.8 123.8

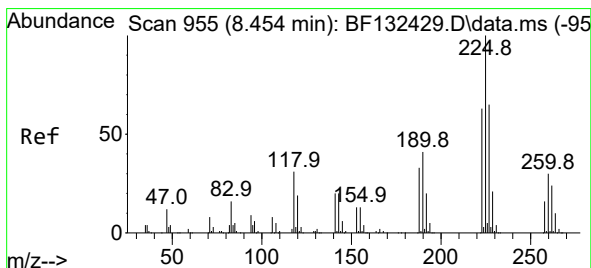
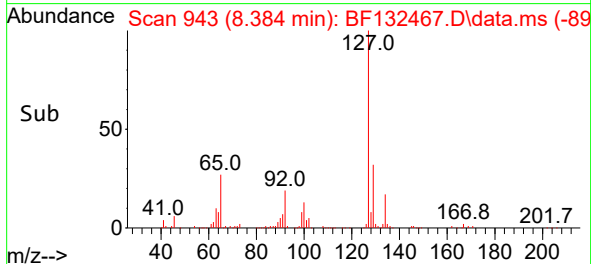
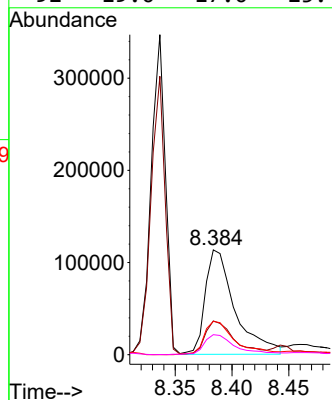
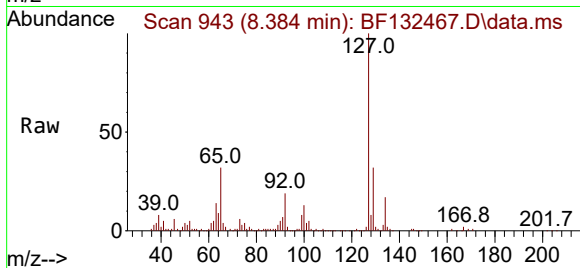




#33
4-Chloroaniline
Concen: 10.301 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

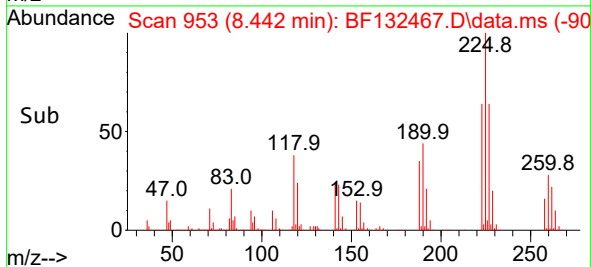
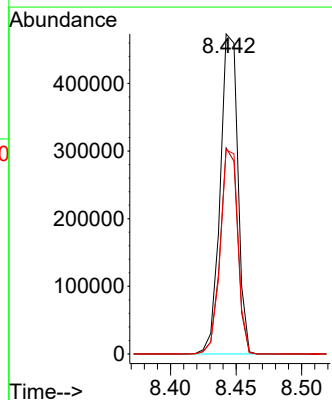
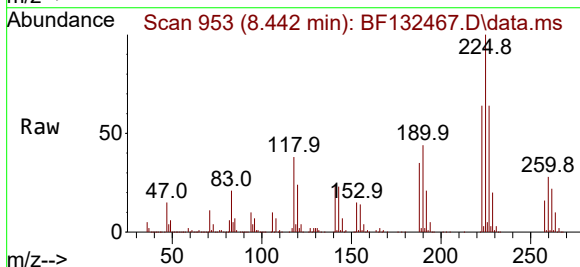
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

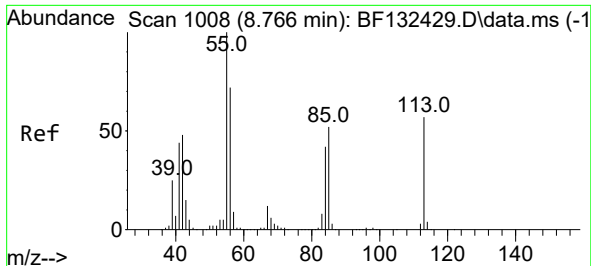
Tgt Ion:	127	Resp:	207244
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.8	29.8	44.6
92	19.0	17.0	25.4



#34
Hexachlorobutadiene
Concen: 44.612 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:	225	Resp:	441598
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.8	52.2	78.4

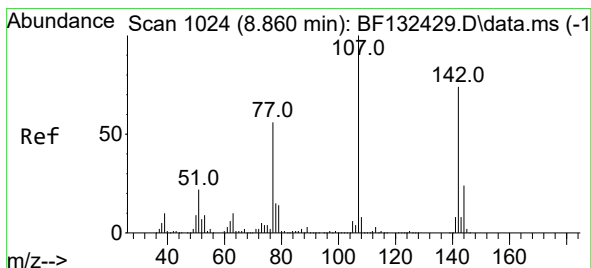
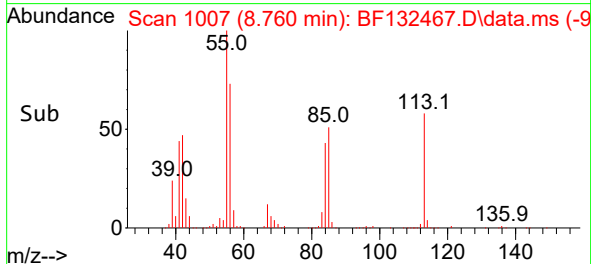
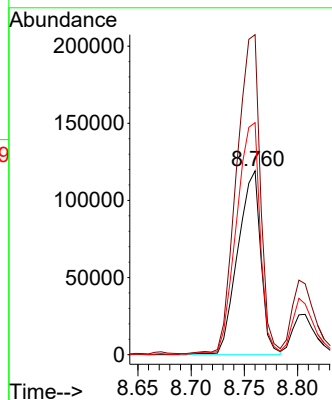
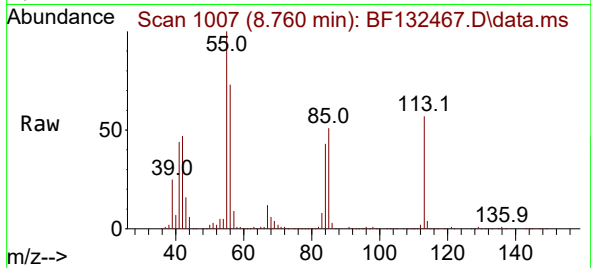




#35
 Caprolactam
 Concen: 39.142 ng
 RT: 8.760 min Scan# 1008
 Delta R.T. -0.006 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

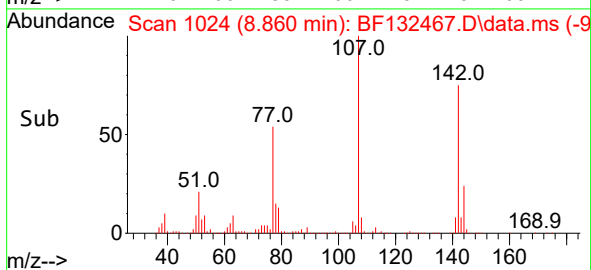
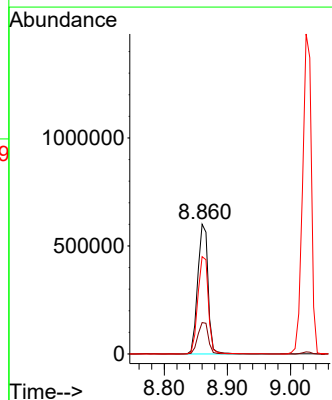
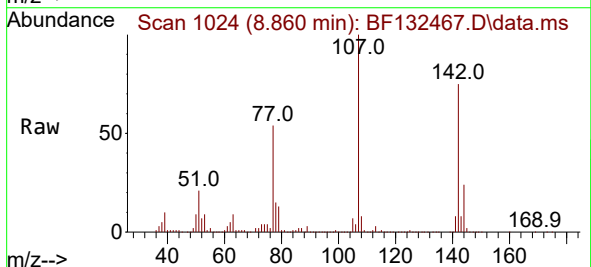
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

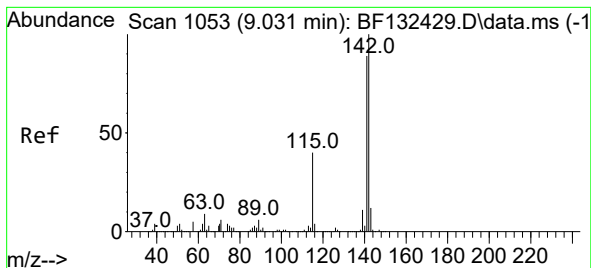
Tgt Ion:113 Resp: 179149
 Ion Ratio Lower Upper
 113 100
 55 174.1 155.8 195.8
 56 126.2 107.3 147.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.166 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Tgt Ion:107 Resp: 680930
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.8 28.2
 142 75.0 58.8 88.2





#37

2-Methylnaphthalene

Concen: 43.932 ng

RT: 9.025 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

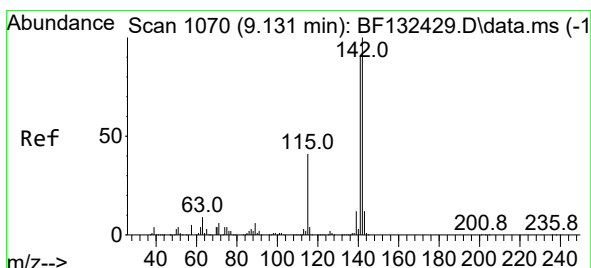
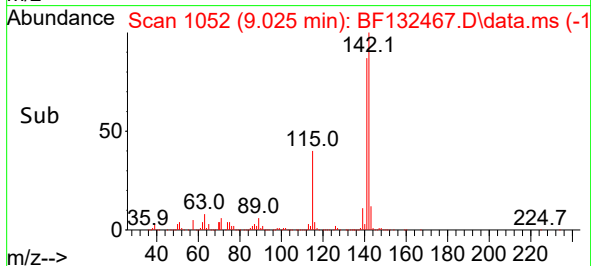
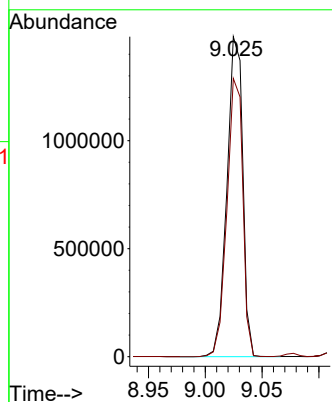
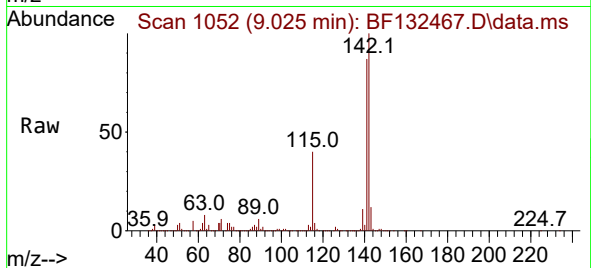
SB-03-4.0-6.0MS

Tgt Ion:142 Resp: 1431741

Ion Ratio Lower Upper

142 100

141 86.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.823 ng

RT: 9.131 min Scan# 1070

Delta R.T. 0.006 min

Lab File: BF132467.D

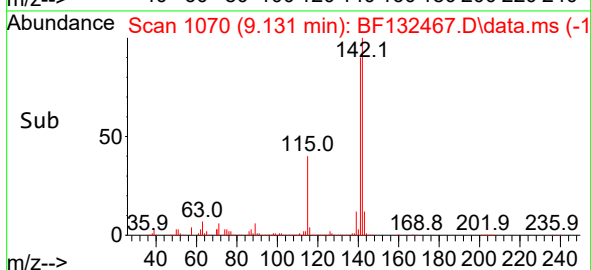
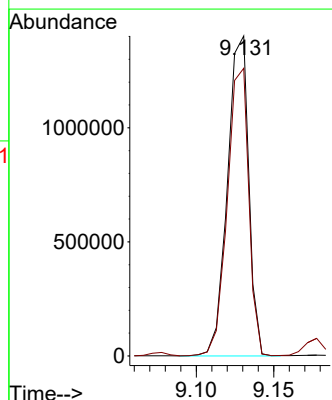
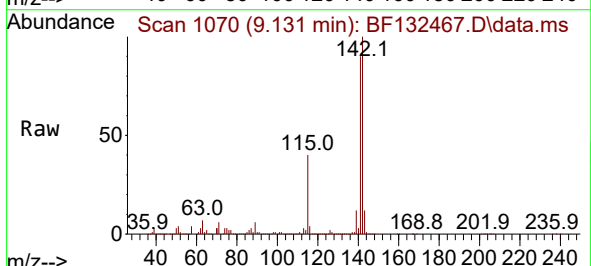
Acq: 18 Feb 2023 00:25

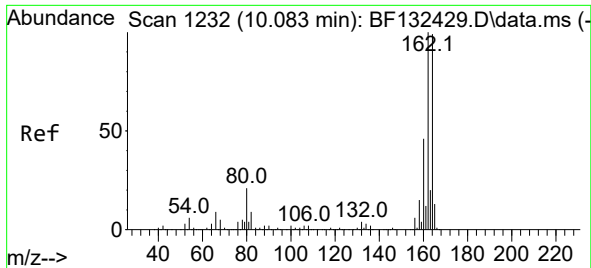
Tgt Ion:142 Resp: 1341763

Ion Ratio Lower Upper

142 100

141 89.9 72.7 109.1

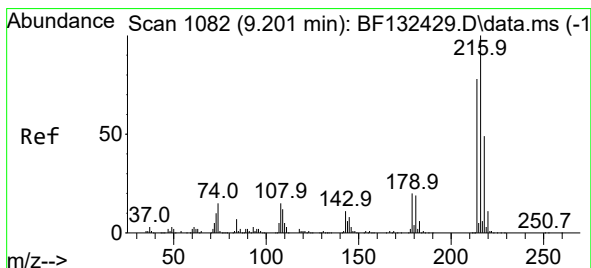
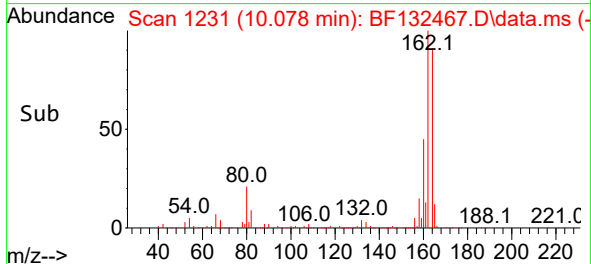
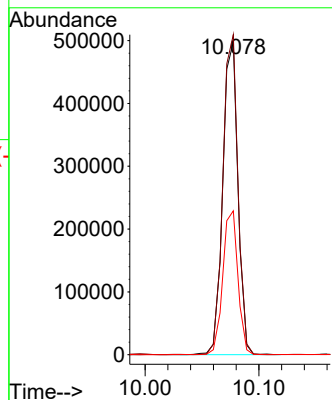
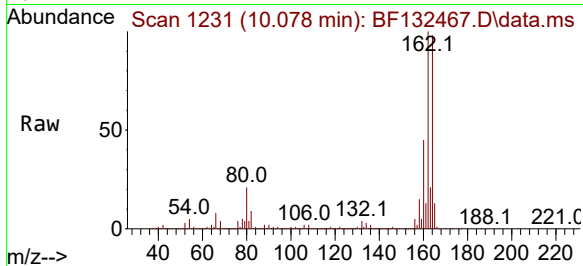




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

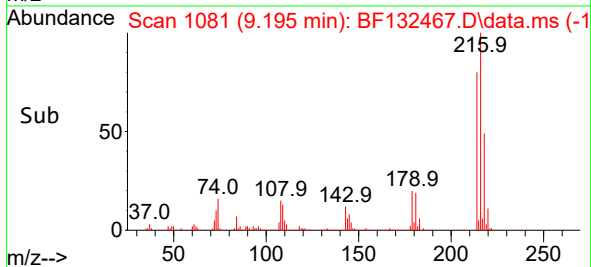
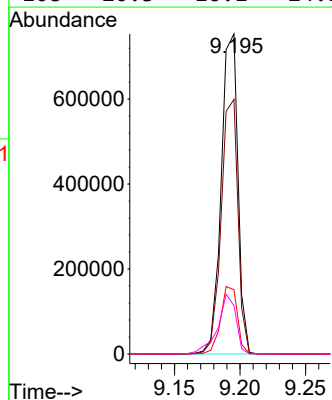
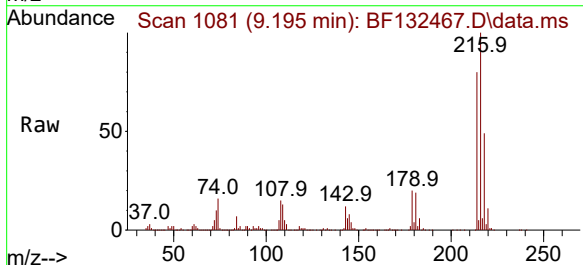
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

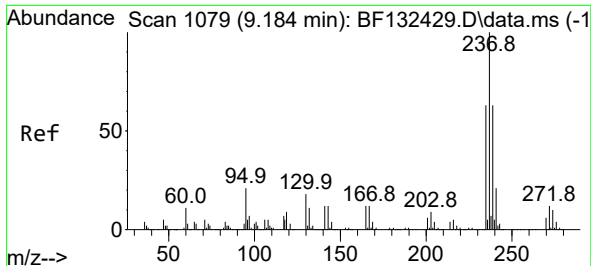
Tgt Ion:164 Resp: 461843
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 46.0 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.559 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:216 Resp: 666831
Ion Ratio Lower Upper
216 100
214 79.9 63.4 95.2
179 21.0 16.4 24.6
108 20.3 16.1 24.1

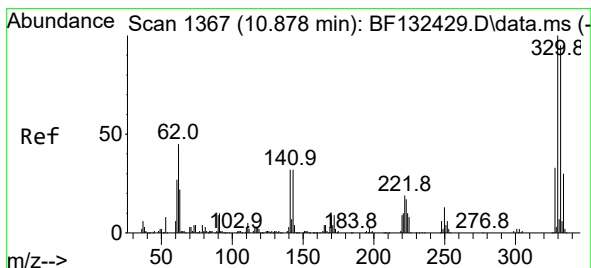
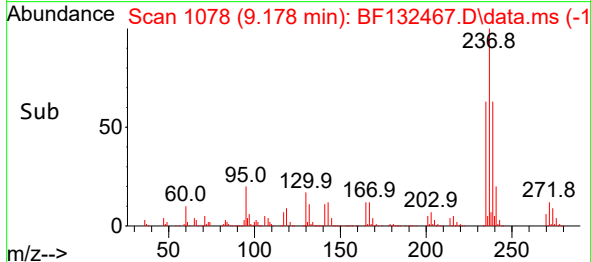
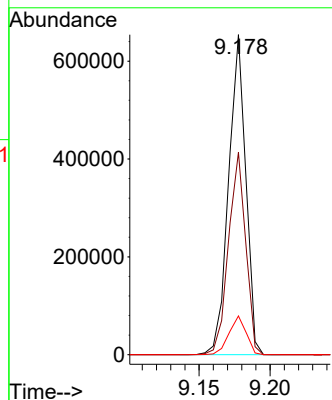
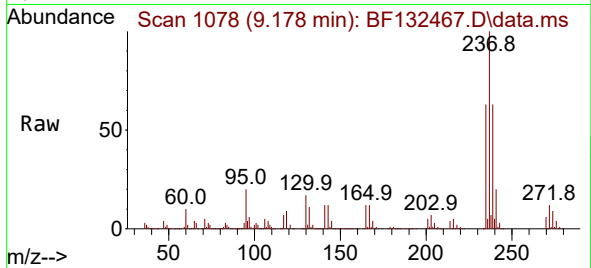




#41
Hexachlorocyclopentadiene
Concen: 66.944 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

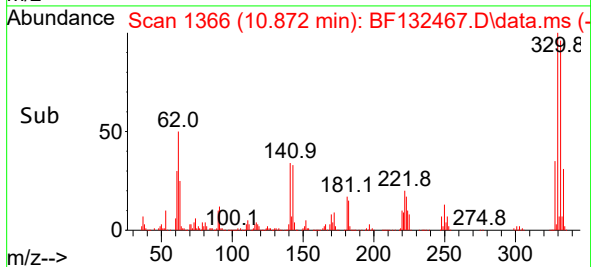
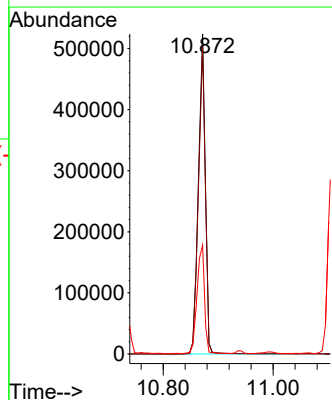
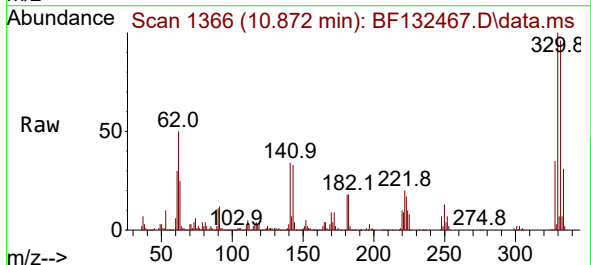
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

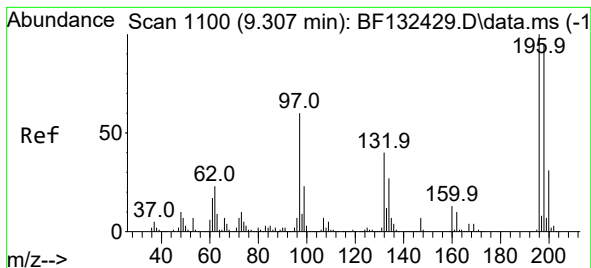
Tgt Ion:237 Resp: 550248
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 100.114 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:330 Resp: 461324
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 36.3 30.3 45.5





#43

2,4,6-Trichlorophenol

Concen: 46.459 ng

RT: 9.301 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

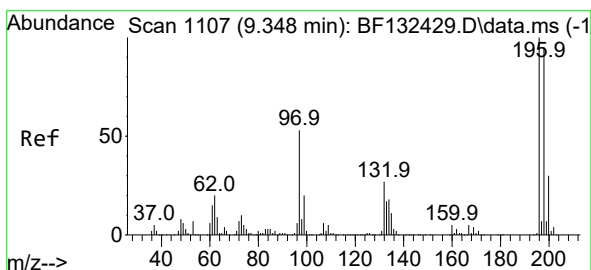
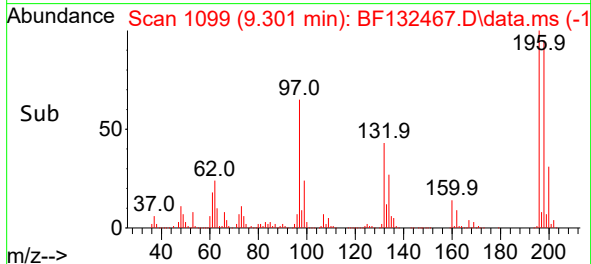
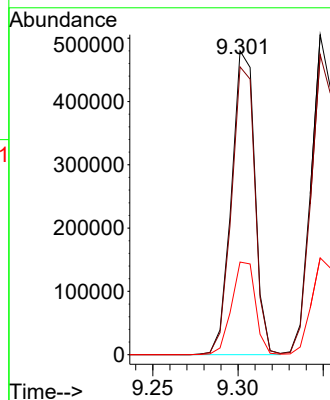
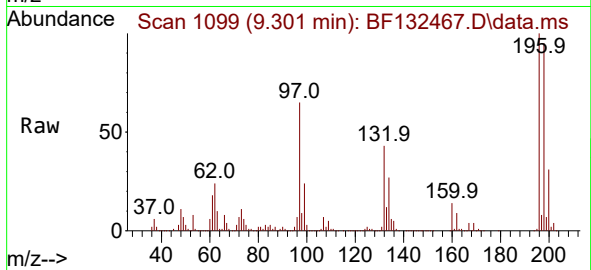
Tgt Ion:196 Resp: 457997

Ion Ratio Lower Upper

196 100

198 94.7 76.3 114.5

200 30.5 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 41.478 ng

RT: 9.348 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Tgt Ion:196 Resp: 476258

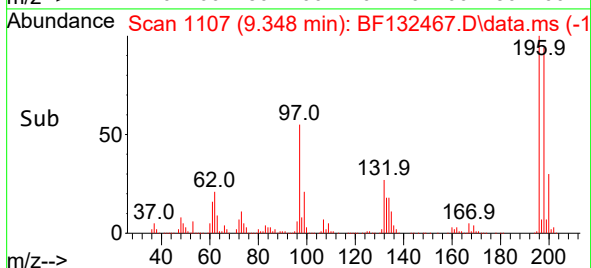
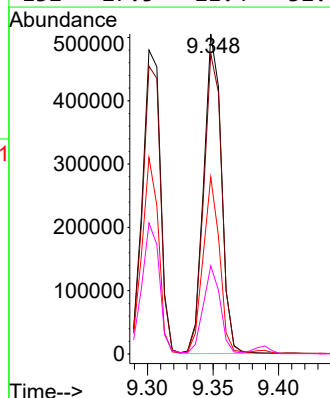
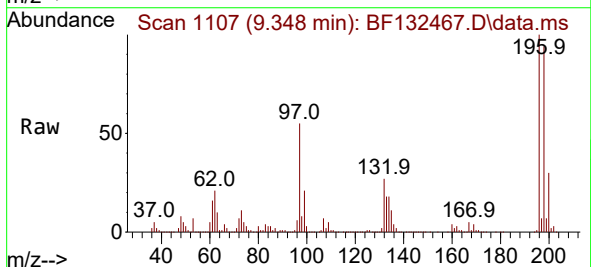
Ion Ratio Lower Upper

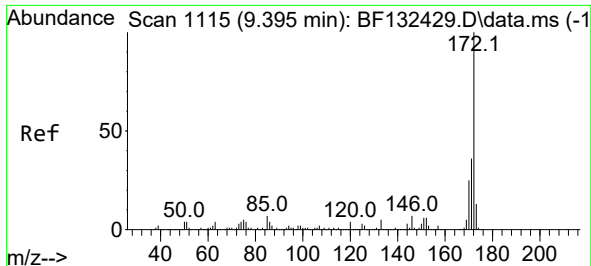
196 100

198 93.8 76.2 114.4

97 55.3 42.4 63.6

132 27.5 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 69.334 ng

RT: 9.389 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

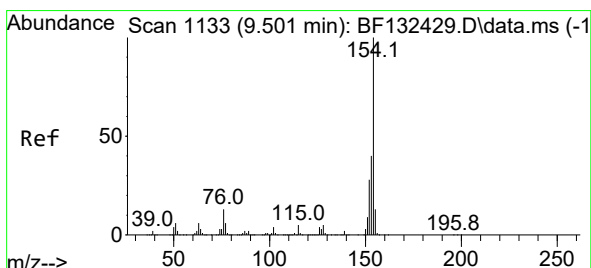
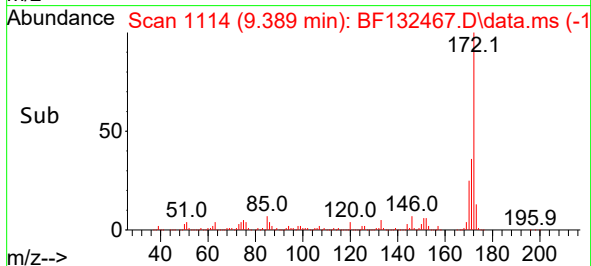
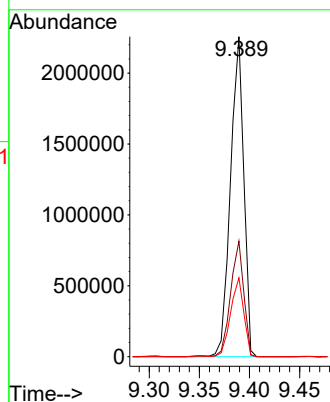
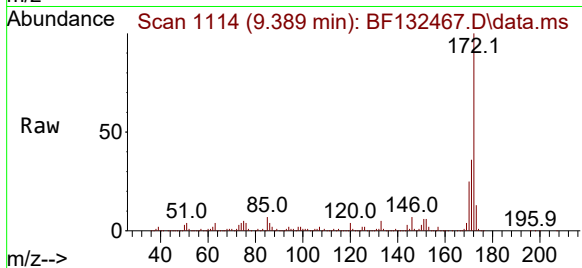
Tgt Ion:172 Resp: 2073518

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.7 19.9 29.9



#46

1,1'-Biphenyl

Concen: 43.698 ng

RT: 9.495 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

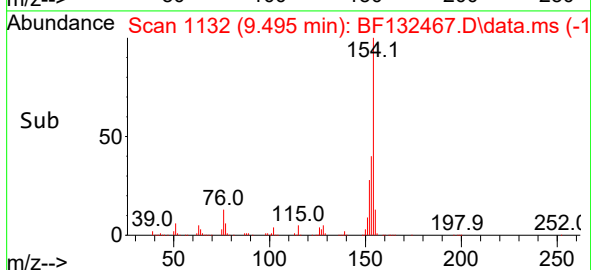
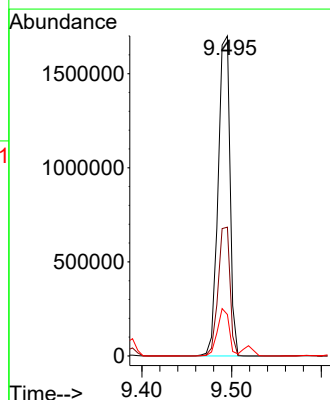
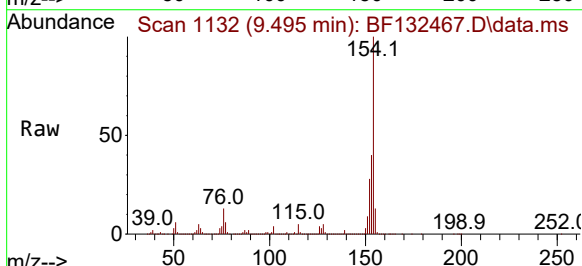
Tgt Ion:154 Resp: 1562002

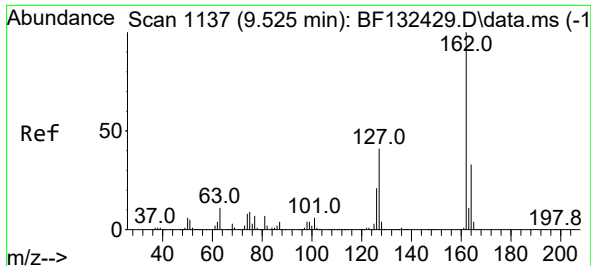
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.851 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

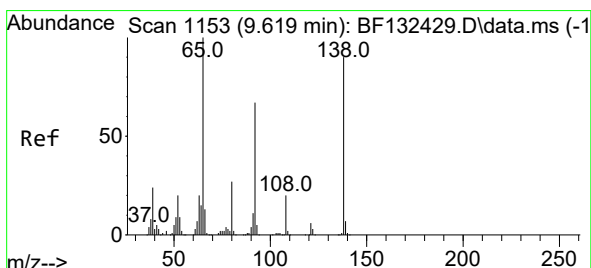
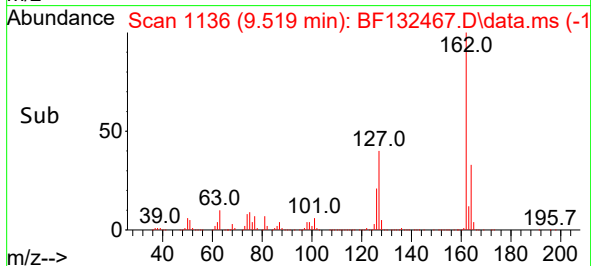
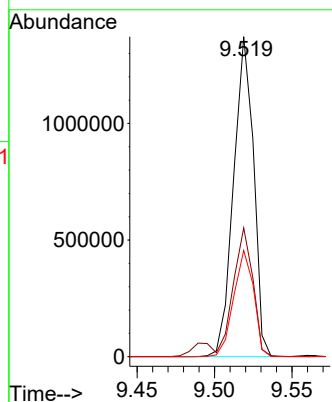
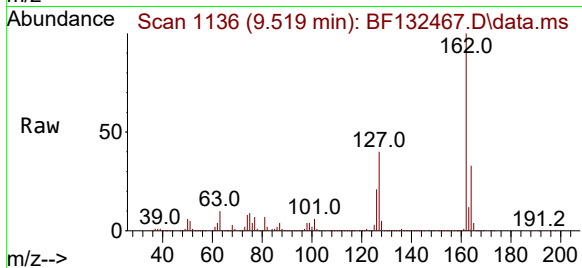
Tgt Ion:162 Resp: 1230303

Ion Ratio Lower Upper

162 100

127 40.2 33.0 49.4

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 44.456 ng

RT: 9.613 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

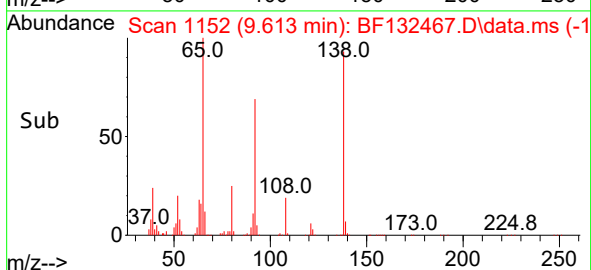
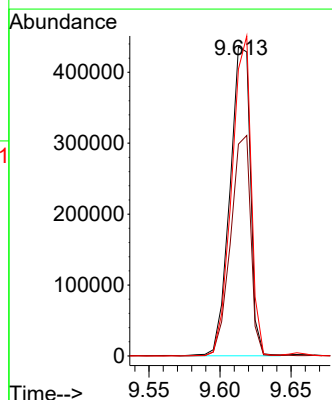
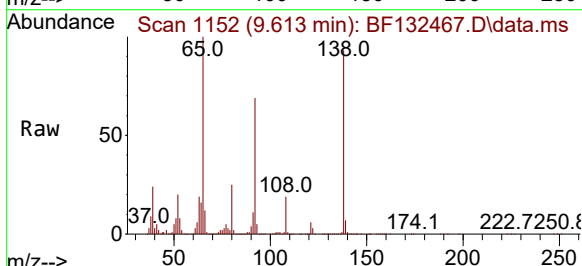
Tgt Ion: 65 Resp: 437629

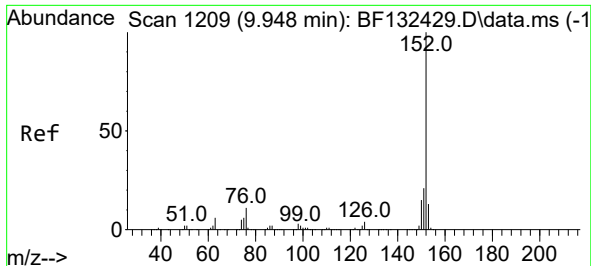
Ion Ratio Lower Upper

65 100

92 68.6 53.5 80.3

138 92.8 72.2 108.4

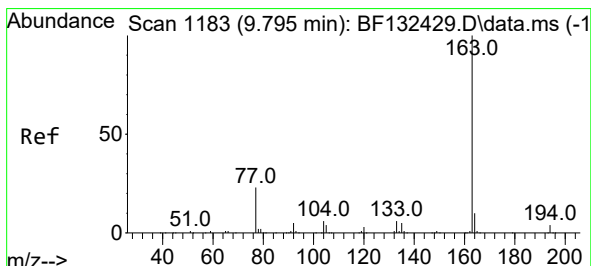
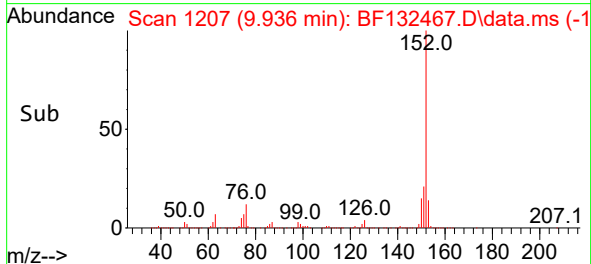
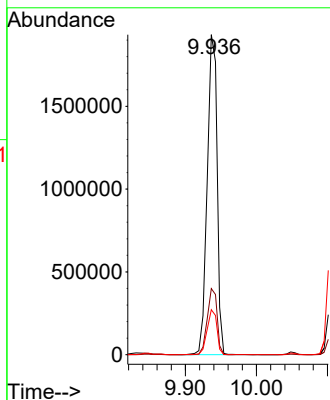
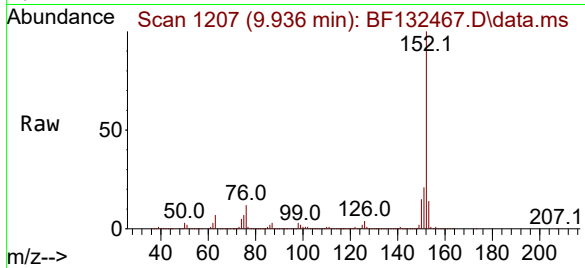




#49
Acenaphthylene
Concen: 42.043 ng
RT: 9.936 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

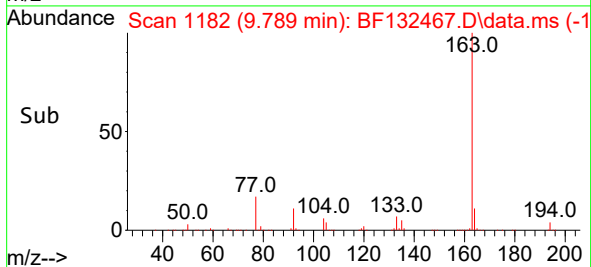
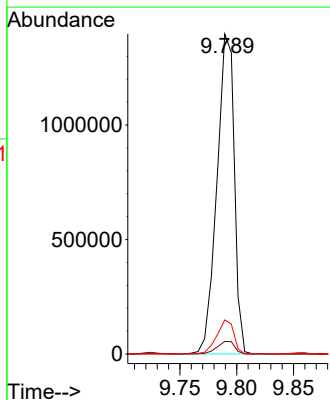
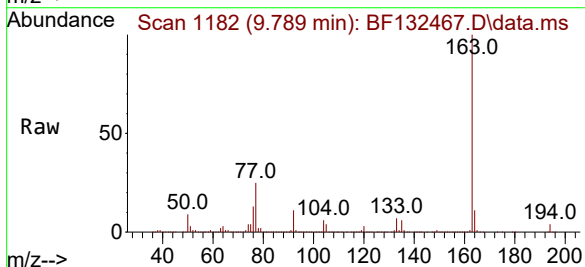
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

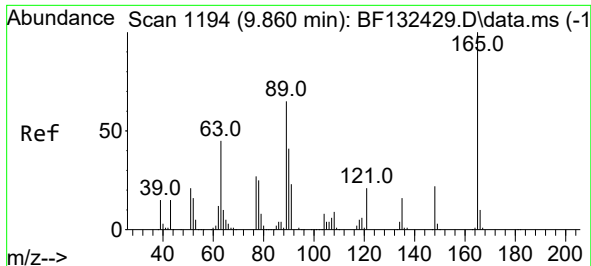
Tgt Ion:152 Resp: 1874146
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.1 10.7 16.1



#50
Dimethylphthalate
Concen: 43.864 ng
RT: 9.789 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:163 Resp: 1491854
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.4 12.6

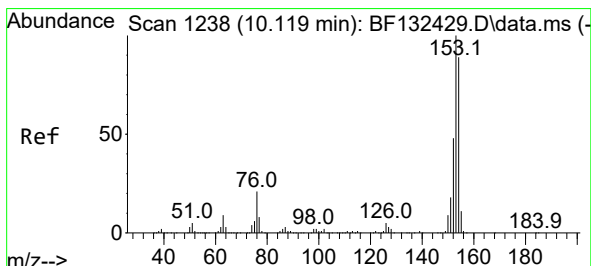
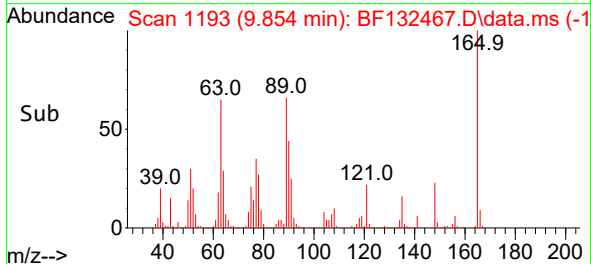
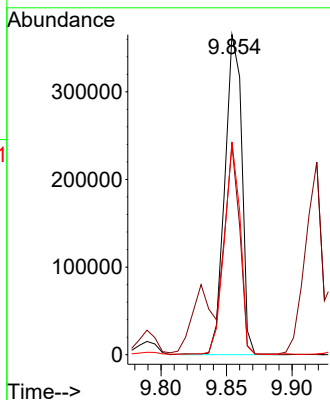
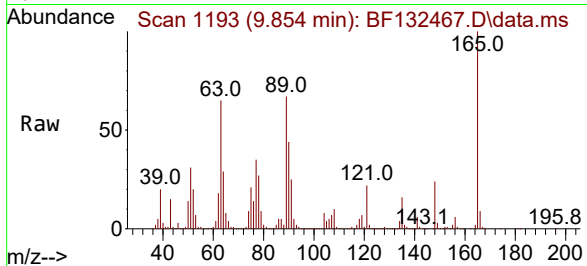




#51
2,6-Dinitrotoluene
Concen: 44.388 ng
RT: 9.854 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

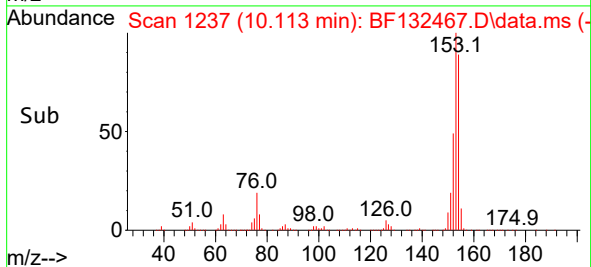
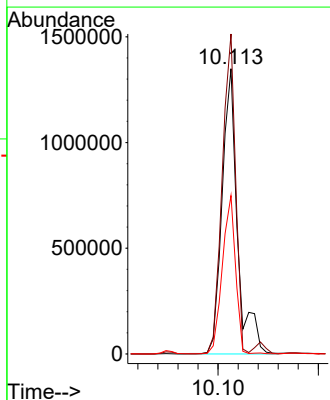
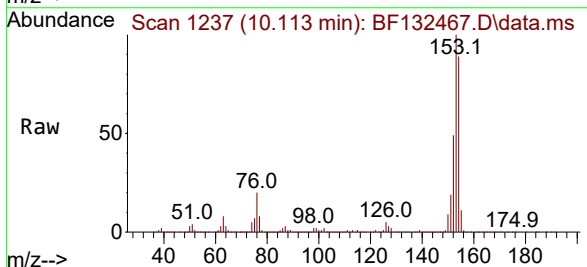
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

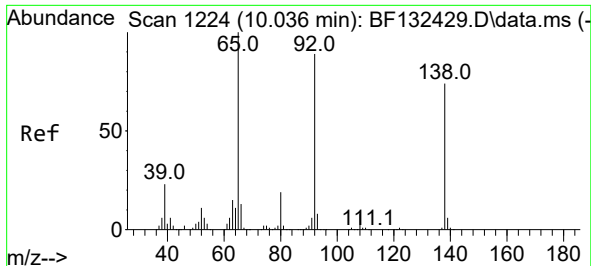
Tgt Ion:165 Resp: 328310
Ion Ratio Lower Upper
165 100
63 65.5 50.4 75.6
89 66.5 52.2 78.2



#52
Acenaphthene
Concen: 51.833 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:154 Resp: 1437925
Ion Ratio Lower Upper
154 100
153 112.2 89.7 134.5
152 55.5 43.4 65.0

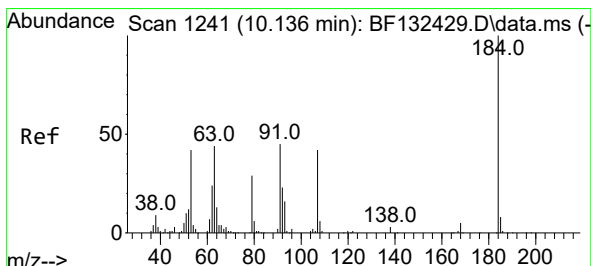
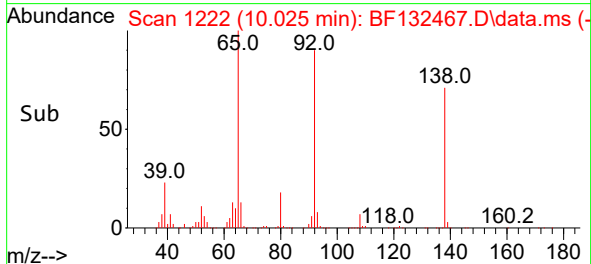
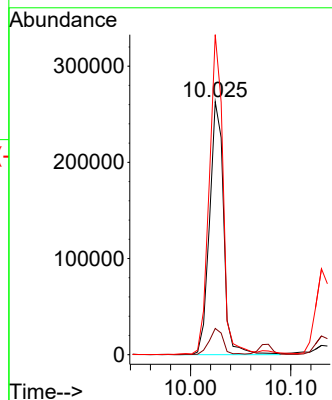
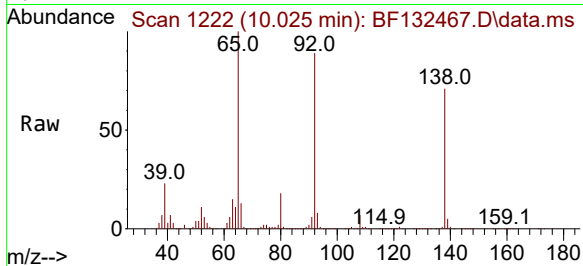




#53
3-Nitroaniline
Concen: 30.153 ng
RT: 10.025 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

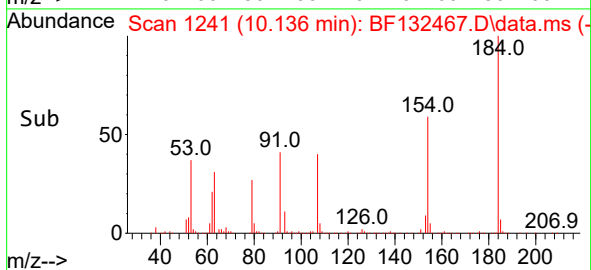
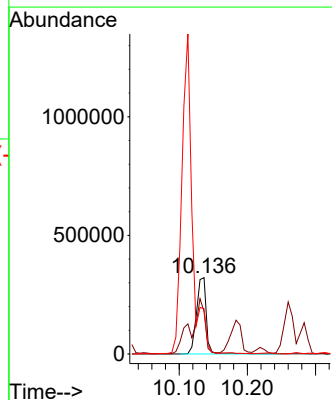
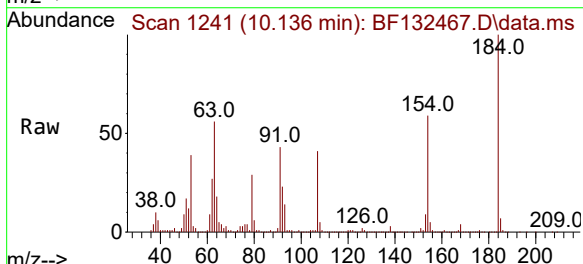
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

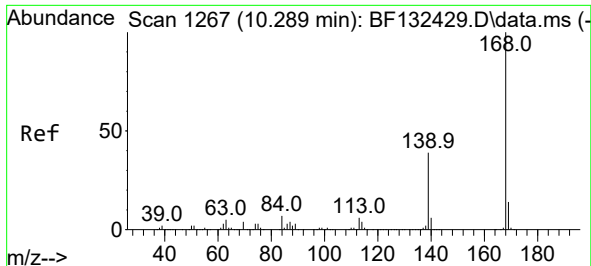
Tgt Ion:138 Resp: 256065
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 126.5 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 70.640 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:184 Resp: 321489
Ion Ratio Lower Upper
184 100
63 55.7 47.0 70.6
154 59.4 49.0 73.6

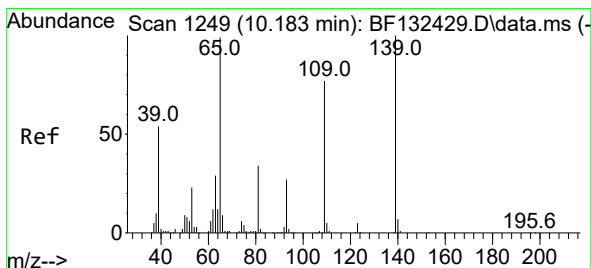
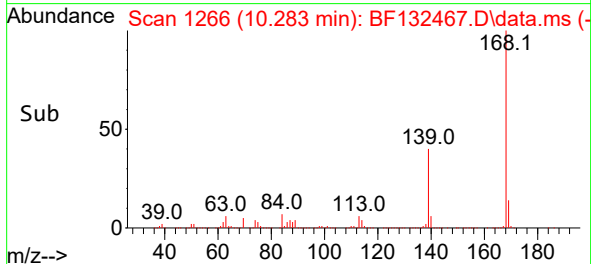
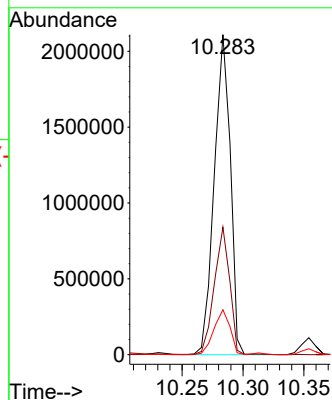
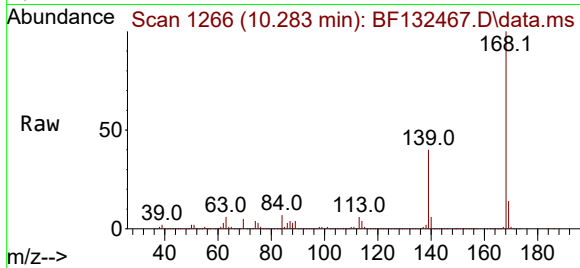




#55
Dibenzenofuran
Concen: 47.034 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

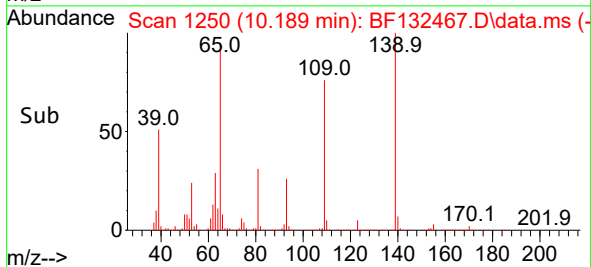
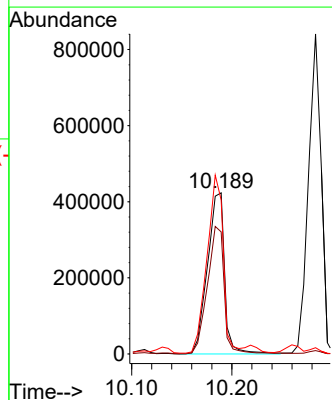
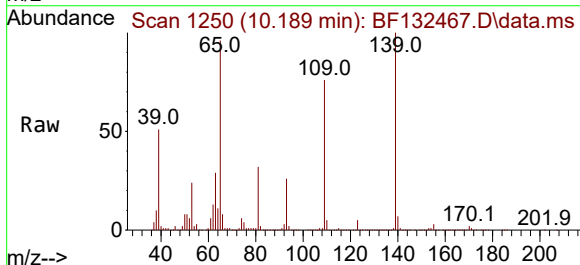
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

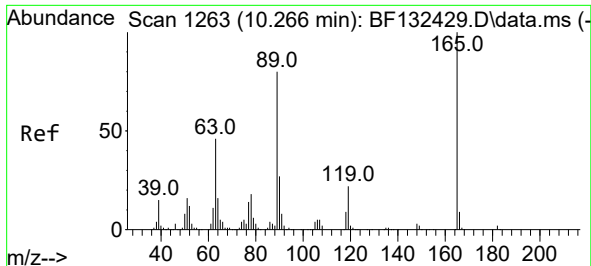
Tgt Ion:168 Resp: 1935937
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.4
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 82.065 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.012 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:139 Resp: 505598
Ion Ratio Lower Upper
139 100
109 75.8 57.2 97.2
65 95.5 79.2 119.2





#57

2,4-Dinitrotoluene

Concen: 44.434 ng

RT: 10.260 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

Tgt Ion:165 Resp: 432626

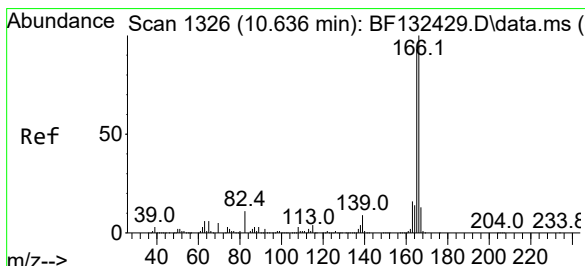
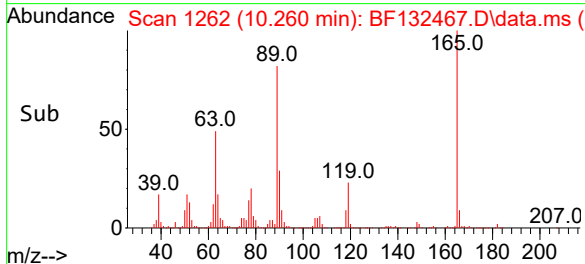
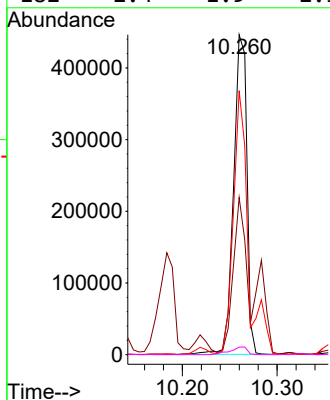
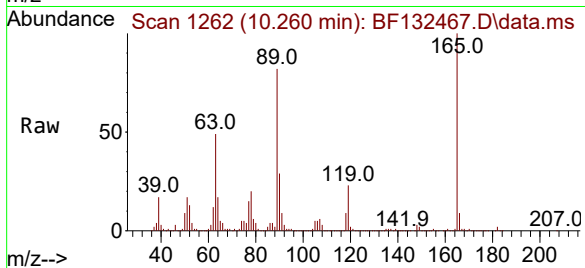
Ion Ratio Lower Upper

165 100

63 49.1 37.1 55.7

89 82.5 63.6 95.4

182 2.4 1.9 2.9



#58

Fluorene

Concen: 48.731 ng

RT: 10.631 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

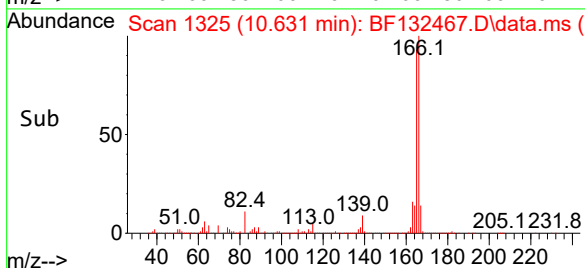
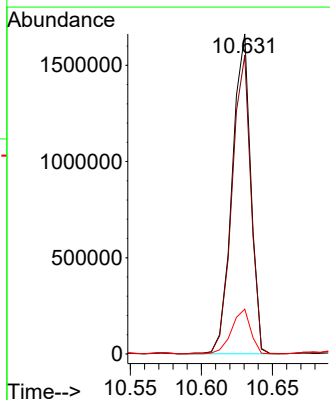
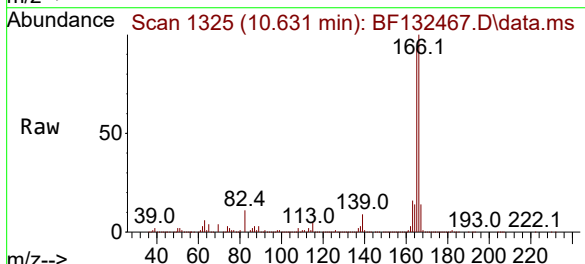
Tgt Ion:166 Resp: 1516413

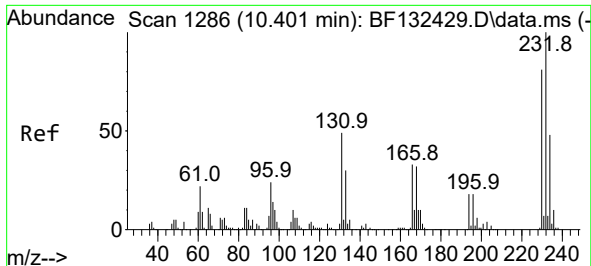
Ion Ratio Lower Upper

166 100

165 93.3 74.6 111.8

167 14.0 10.8 16.2

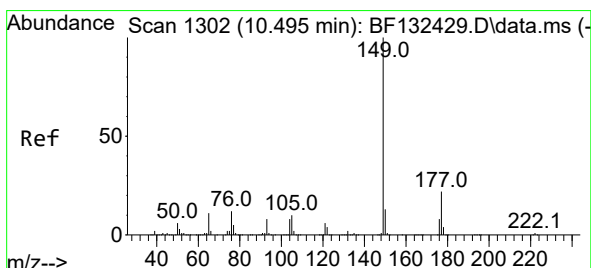
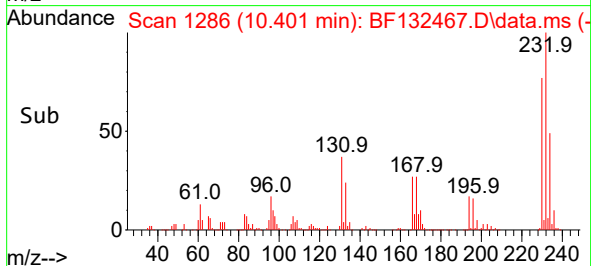
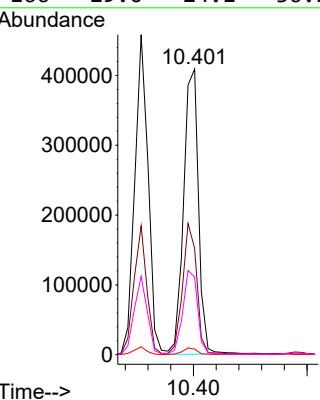
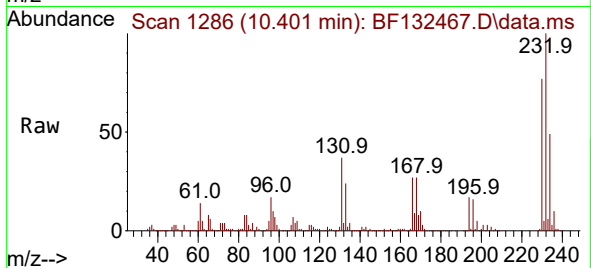




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.015 ng
RT: 10.401 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

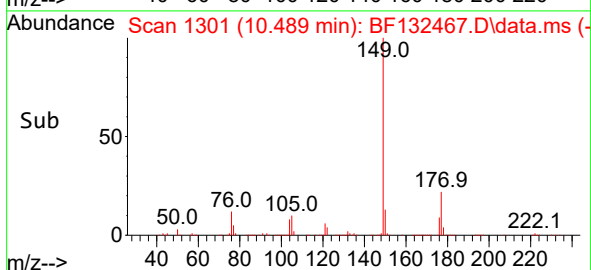
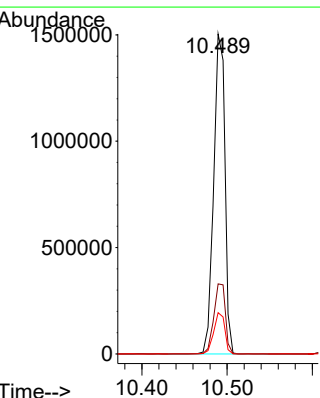
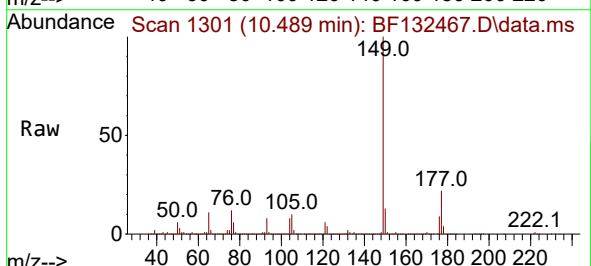
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

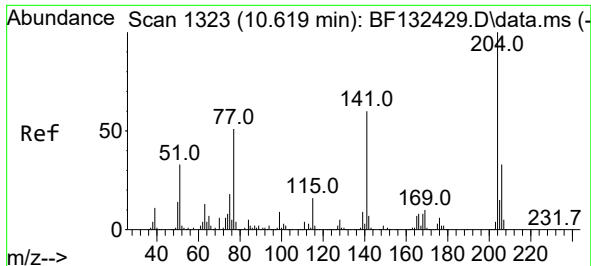
Tgt Ion:232 Resp: 373283
Ion Ratio Lower Upper
232 100
131 43.7 35.8 53.8
130 2.3 1.8 2.8
166 29.0 24.1 36.1



#60
Diethylphthalate
Concen: 41.292 ng
RT: 10.489 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:149 Resp: 1380537
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.9 10.0 15.0

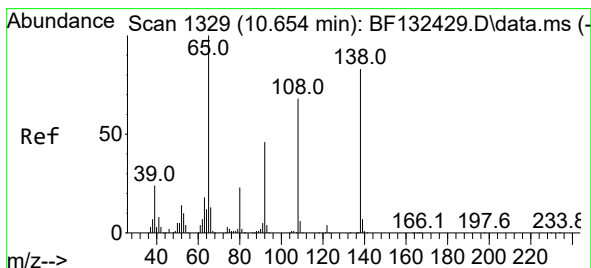
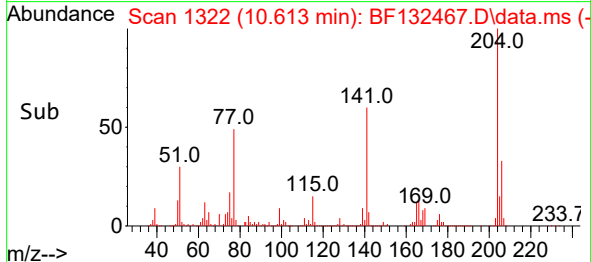
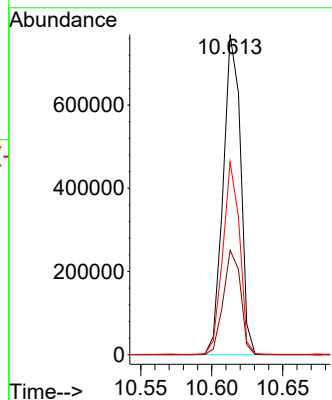
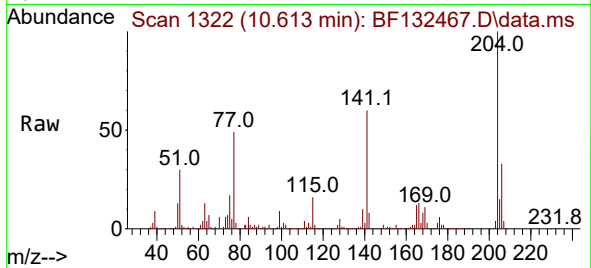




#61
4-Chlorophenyl-phenylether
Concen: 40.094 ng
RT: 10.613 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

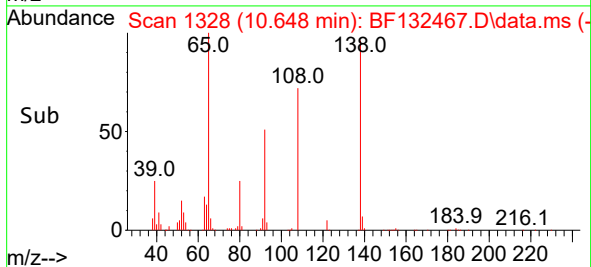
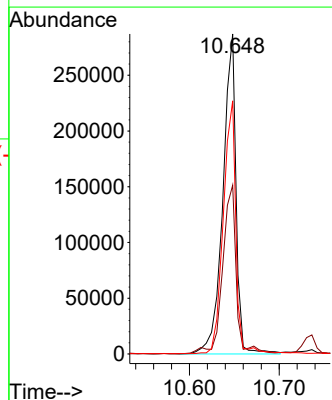
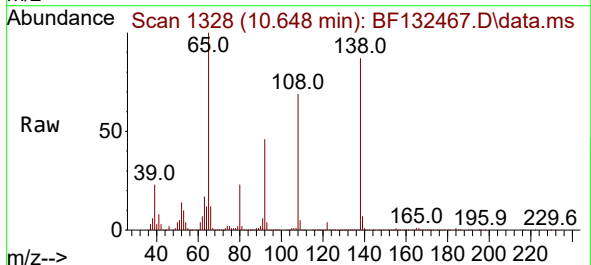
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

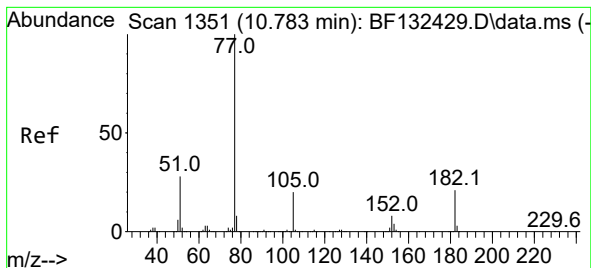
Tgt Ion:204 Resp: 653365
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.3 48.2 72.2



#62
4-Nitroaniline
Concen: 36.971 ng
RT: 10.648 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:138 Resp: 292961
Ion Ratio Lower Upper
138 100
92 52.8 35.9 75.9
108 79.1 62.1 102.1





#63

Azobenzene

Concen: 40.502 ng

RT: 10.778 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

Tgt Ion: 77 Resp: 1498261

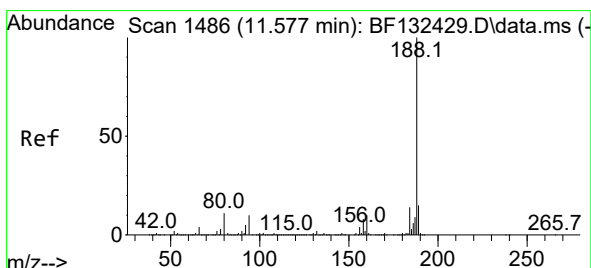
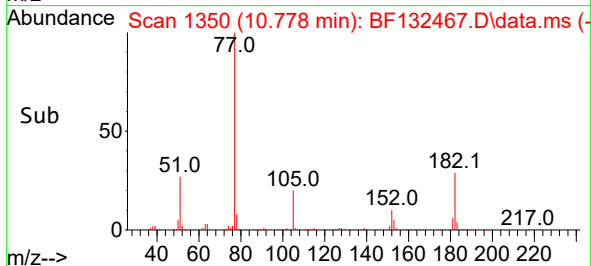
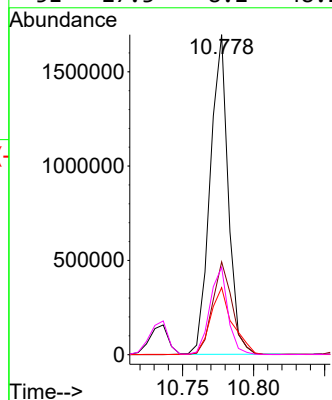
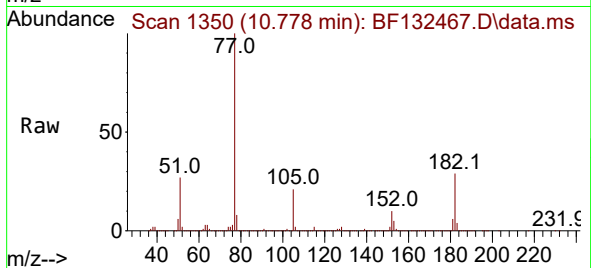
Ion Ratio Lower Upper

77 100

182 29.0 1.4 41.4

105 21.0 0.1 40.1

51 27.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.572 min Scan# 1485

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

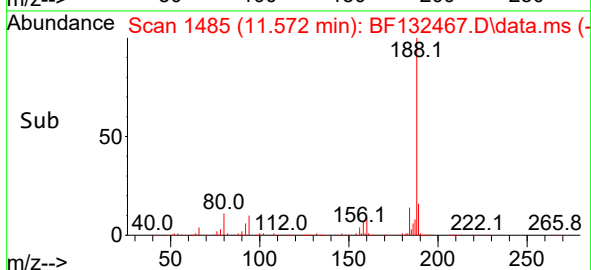
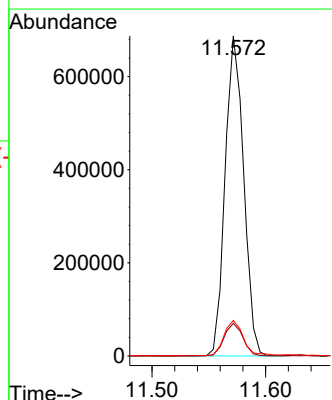
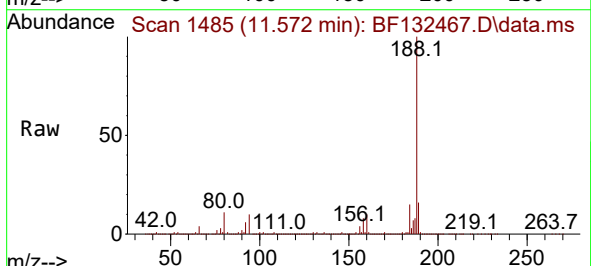
Tgt Ion: 188 Resp: 778950

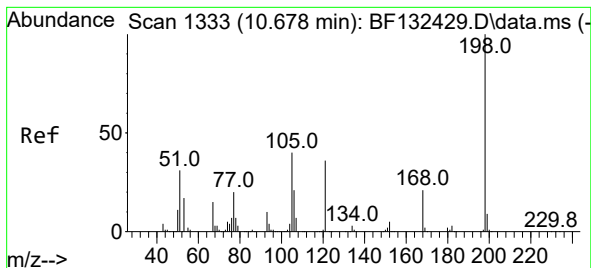
Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 11.1 8.6 12.8

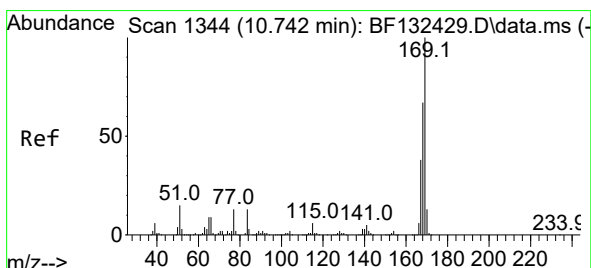
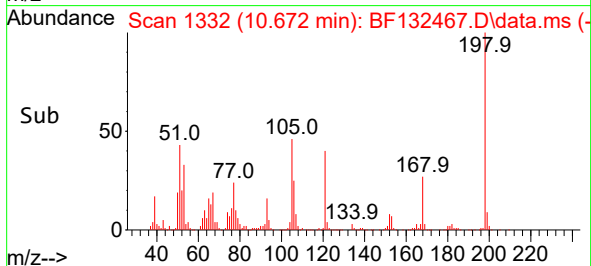
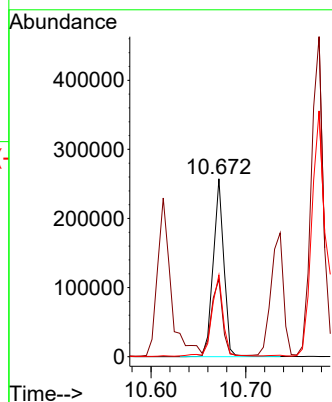
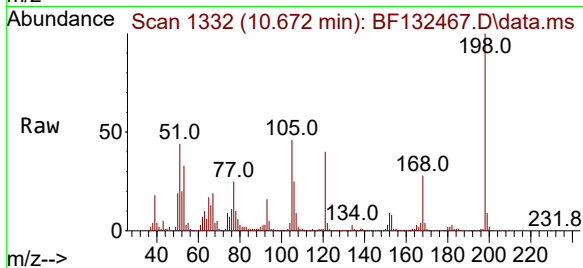




#65
4,6-Dinitro-2-methylphenol
Concen: 41.442 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

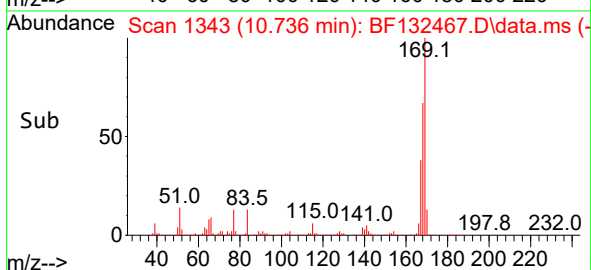
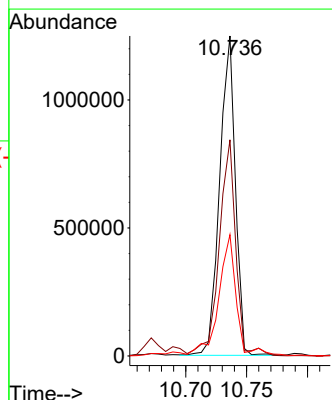
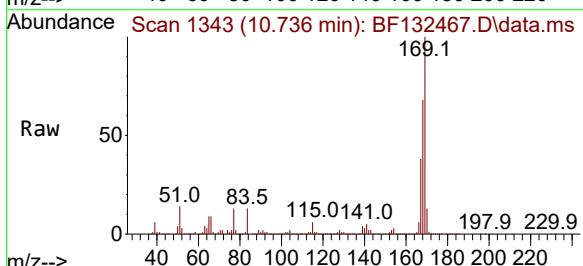
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

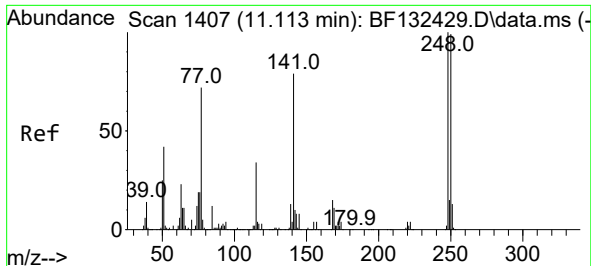
Tgt Ion:198 Resp: 200698
Ion Ratio Lower Upper
198 100
51 43.5 17.4 57.4
105 45.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 46.818 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:169 Resp: 1119321
Ion Ratio Lower Upper
169 100
168 67.6 53.5 80.3
167 37.9 30.2 45.2

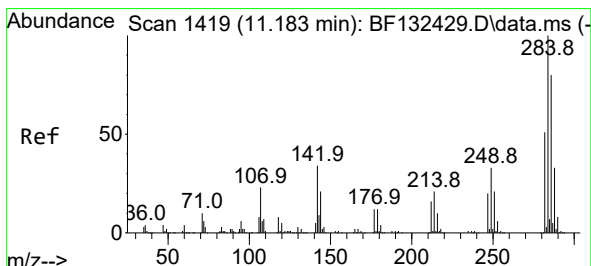
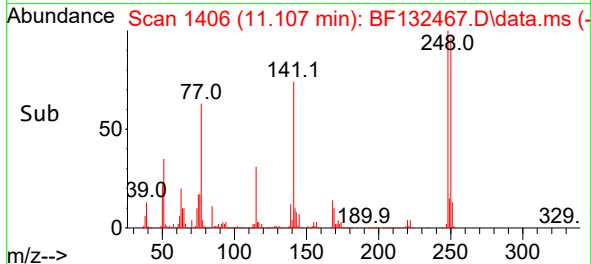
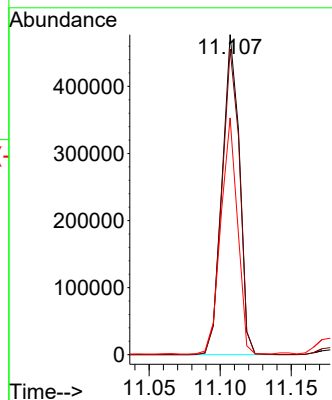
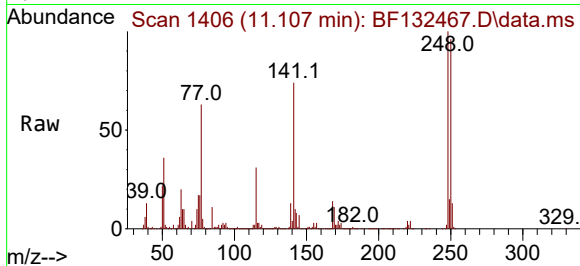




#67
4-Bromophenyl-phenylether
Concen: 47.386 ng
RT: 11.107 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

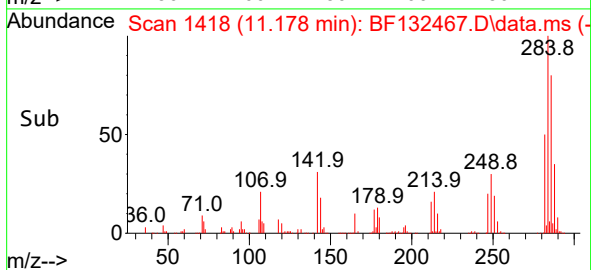
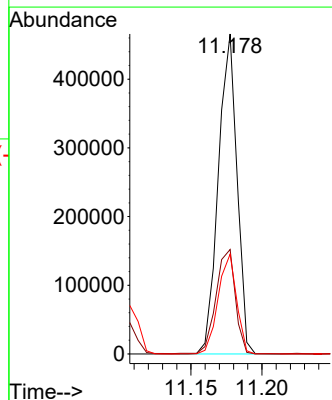
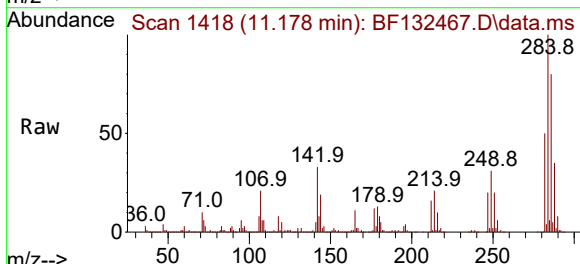
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

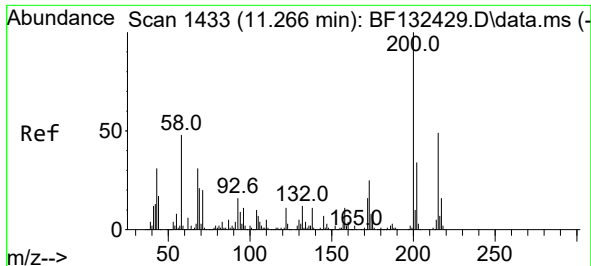
Tgt Ion:248 Resp: 404546
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.4
141 74.0 63.3 94.9



#68
Hexachlorobenzene
Concen: 47.524 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:284 Resp: 424110
Ion Ratio Lower Upper
284 100
142 32.7 27.5 41.3
249 31.2 26.2 39.4

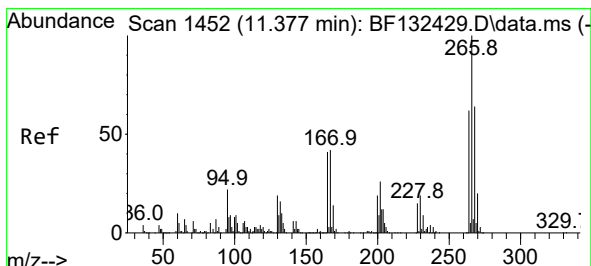
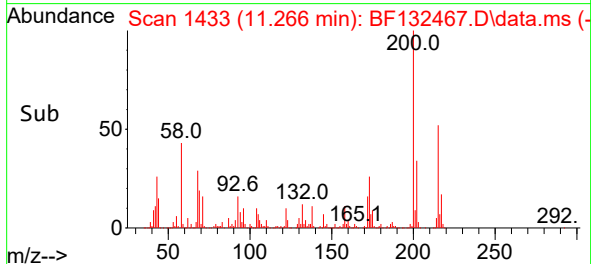
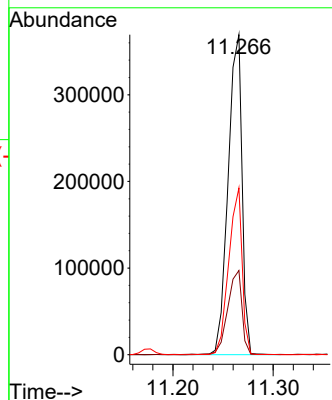
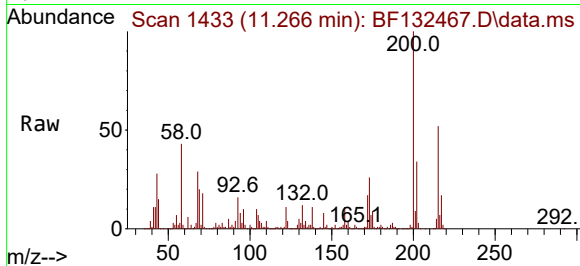




#69
 Atrazine
 Concen: 48.207 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

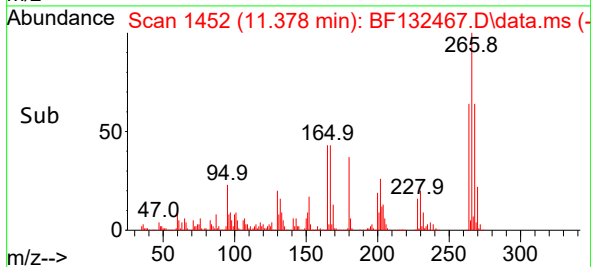
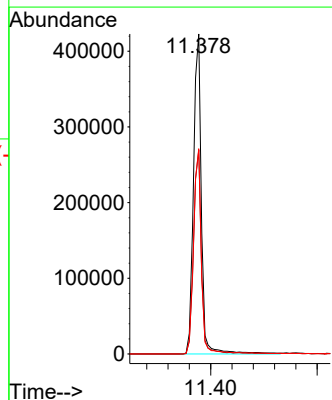
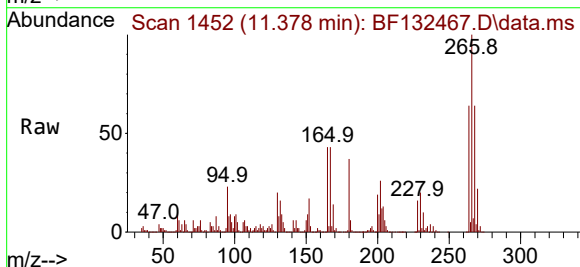
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

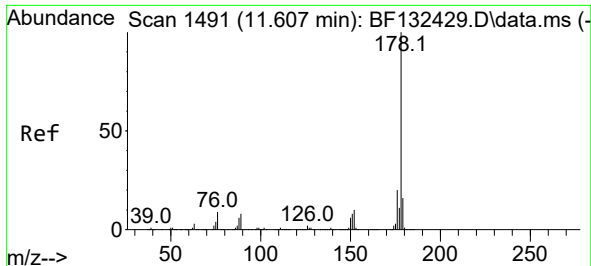
Tgt Ion:200 Resp: 354751
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.3 45.3
 215 52.1 29.1 69.1



#70
 Pentachlorophenol
 Concen: 78.840 ng
 RT: 11.378 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Tgt Ion:266 Resp: 437429
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.4
 264 64.1 49.8 74.6

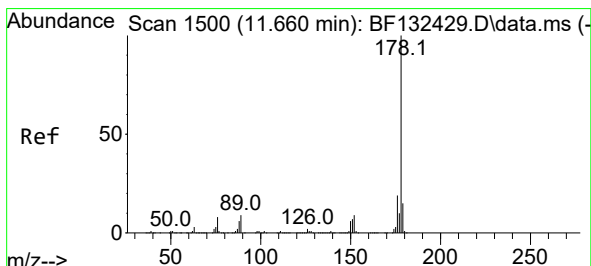
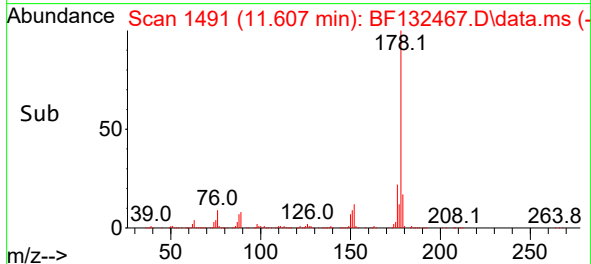
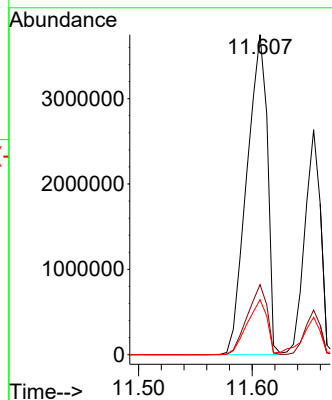
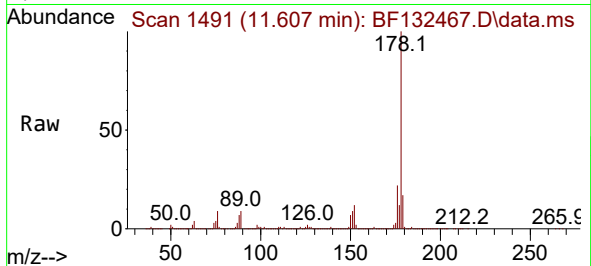




#71
Phenanthrene
Concen: 117.160 ng
RT: 11.607 min Scan# 1491
Delta R.T. 0.012 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

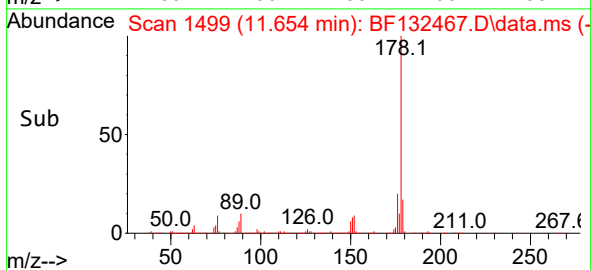
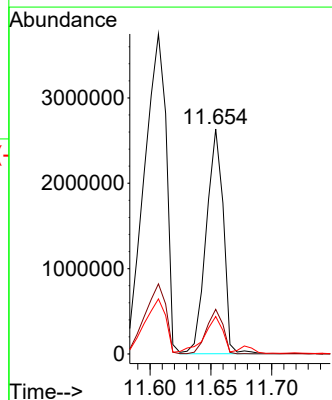
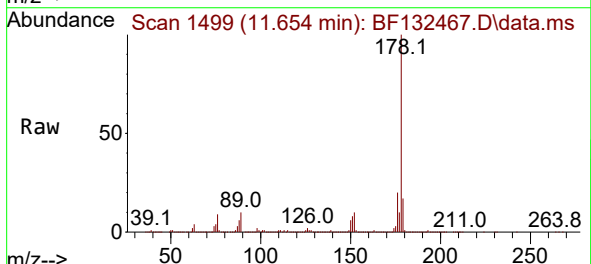
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

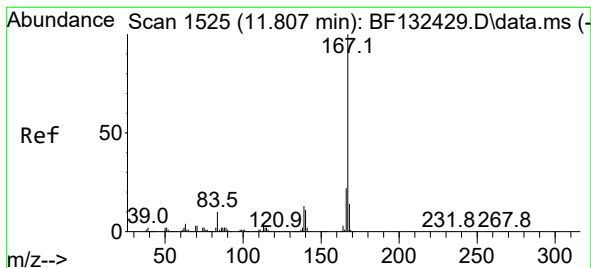
Tgt Ion:178 Resp: 4700326
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.2
179 17.2 12.6 18.8



#72
Anthracene
Concen: 62.165 ng
RT: 11.654 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:178 Resp: 2563829
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.6 12.4 18.6





#73

Carbazole

Concen: 48.949 ng

RT: 11.807 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

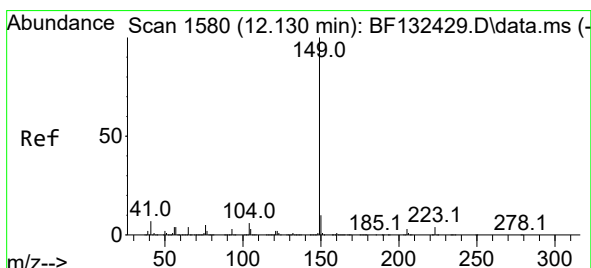
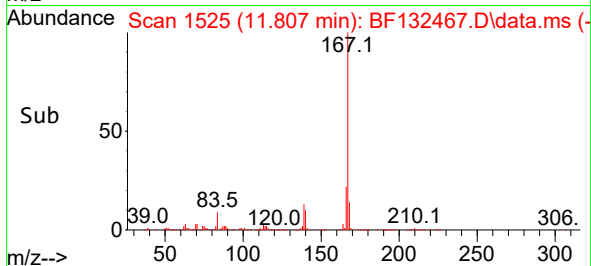
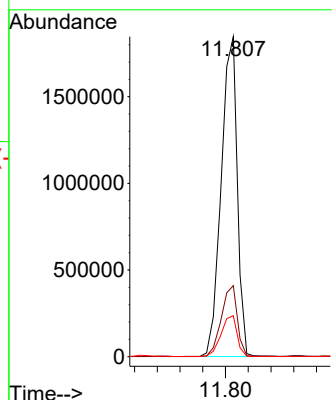
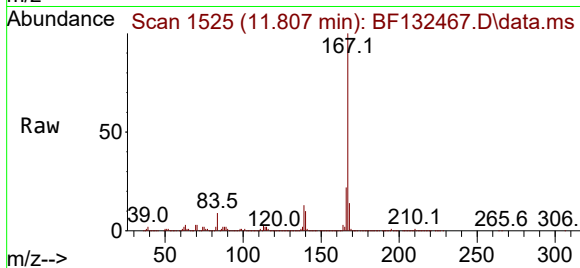
Tgt Ion:167 Resp: 1817225

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

139 12.8 10.7 16.1



#74

Di-n-butylphthalate

Concen: 44.586 ng

RT: 12.125 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

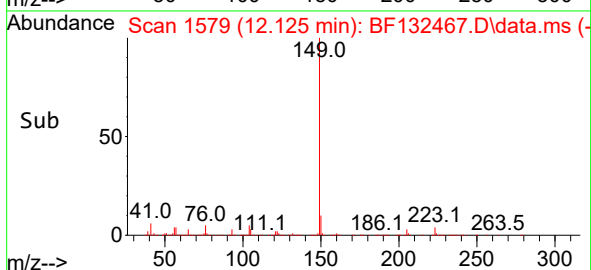
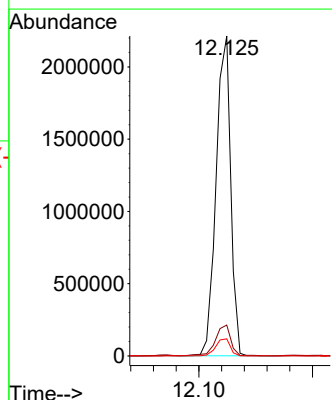
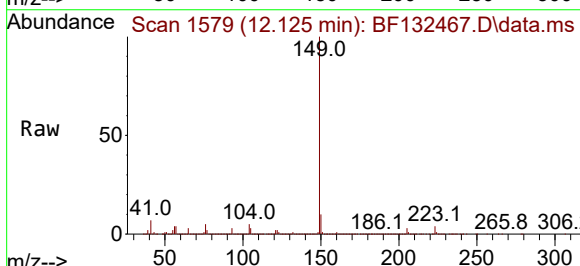
Tgt Ion:149 Resp: 1971549

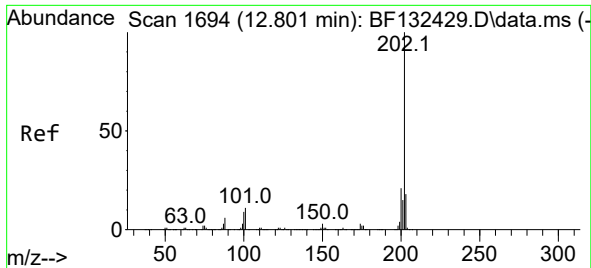
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 5.4 4.5 6.7

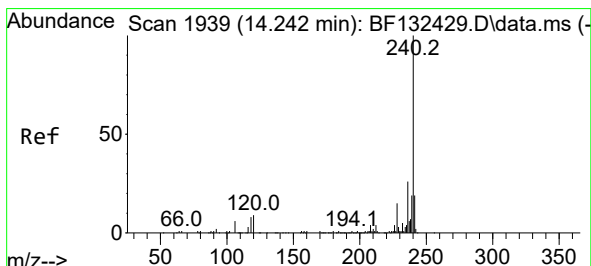
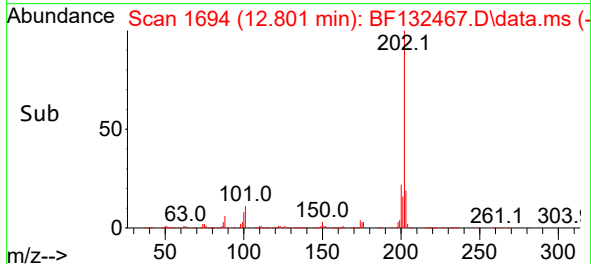
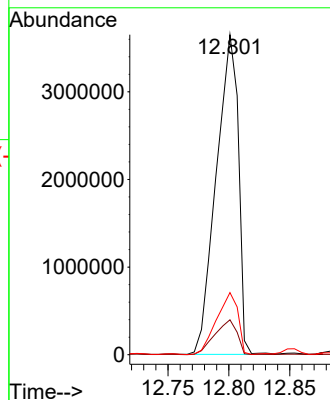
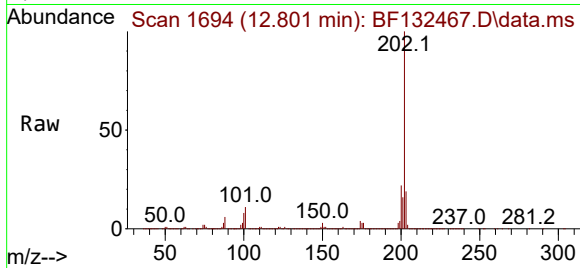




#75
Fluoranthene
Concen: 103.000 ng
RT: 12.801 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

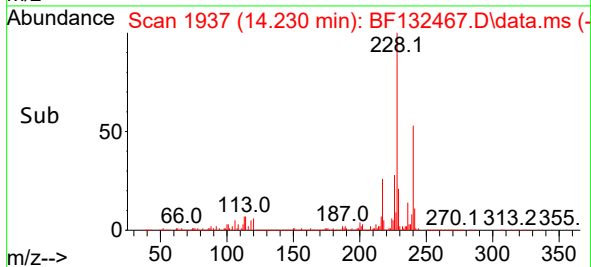
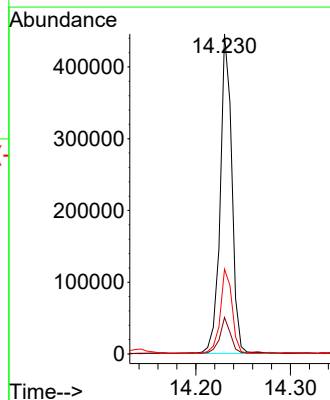
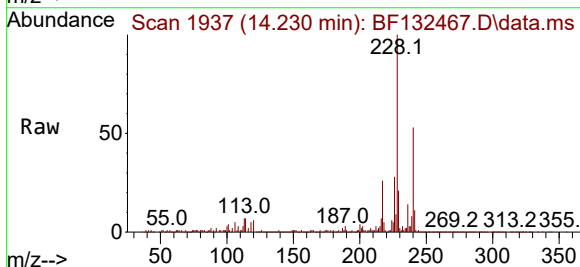
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

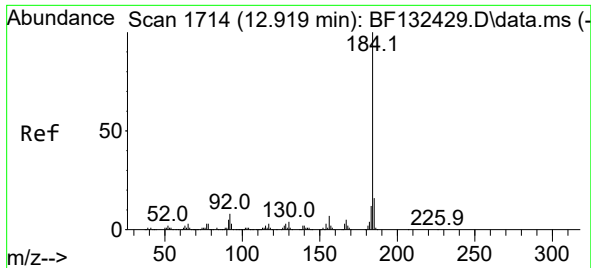
Tgt Ion:202 Resp: 4608369
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 19.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:240 Resp: 382447
Ion Ratio Lower Upper
240 100
120 11.4 7.5 11.3#
236 26.5 21.0 31.6

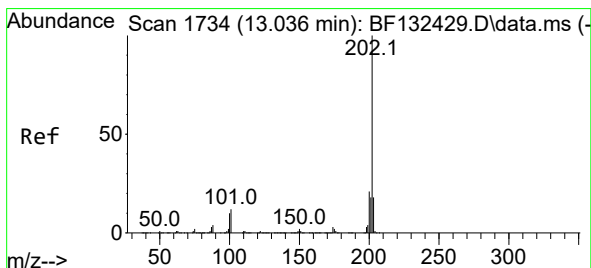
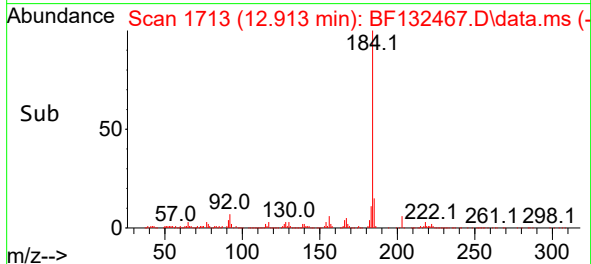
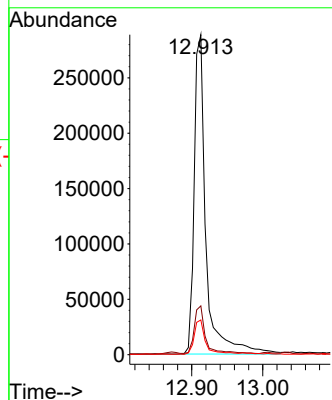
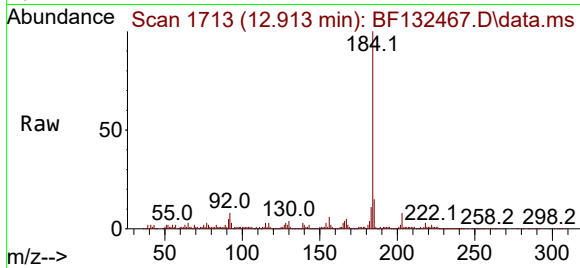




#77
Benzidine
Concen: 40.889 ng
RT: 12.913 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

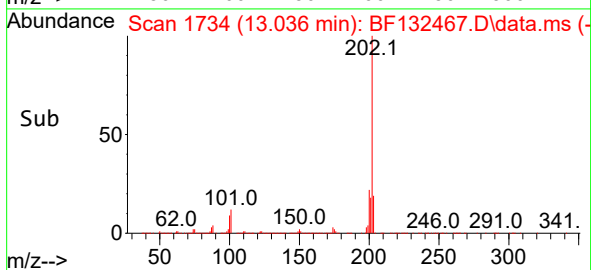
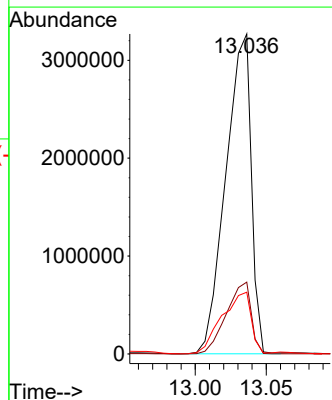
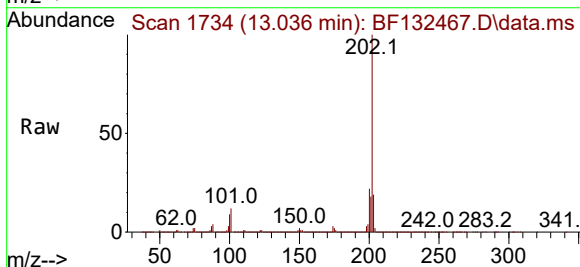
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

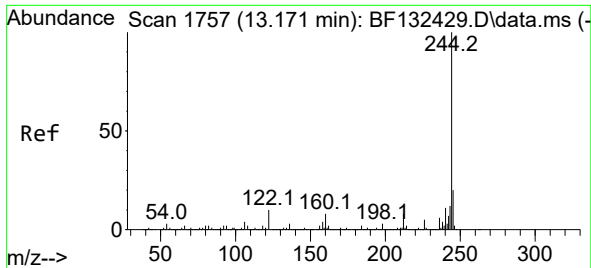
Tgt Ion:184 Resp: 332993
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 10.9 9.2 13.8



#78
Pyrene
Concen: 125.389 ng
RT: 13.036 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:202 Resp: 4073730
Ion Ratio Lower Upper
202 100
200 22.4 16.6 25.0
203 19.3 14.3 21.5

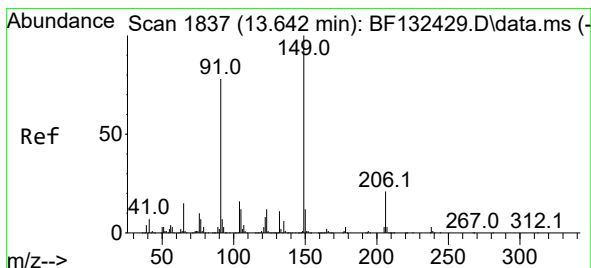
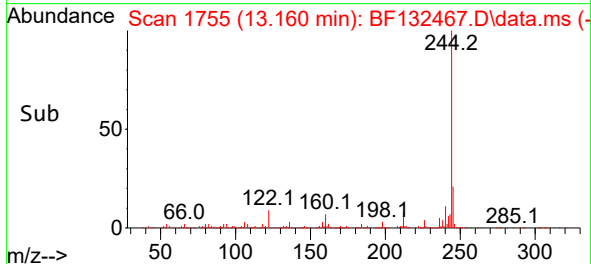
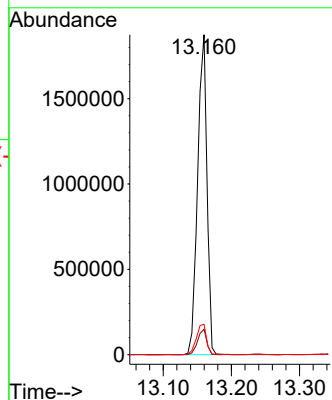
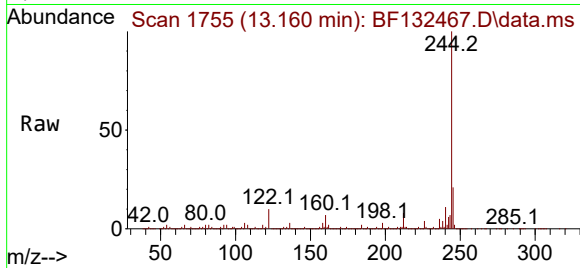




#79
 Terphenyl-d14
 Concen: 84.903 ng
 RT: 13.160 min Scan# 1755
 Delta R.T. 0.000 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

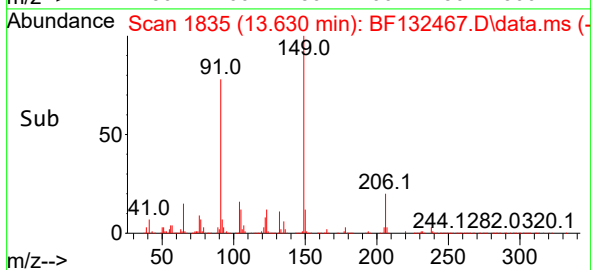
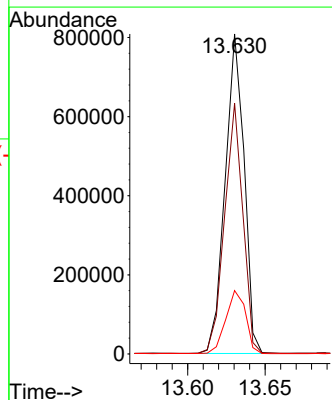
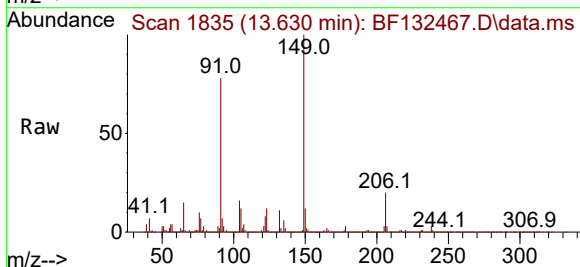
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

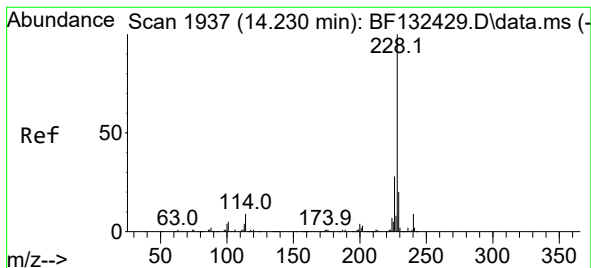
Tgt Ion:244 Resp: 1782938
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 56.695 ng
 RT: 13.630 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Tgt Ion:149 Resp: 687315
 Ion Ratio Lower Upper
 149 100
 91 78.3 62.8 94.2
 206 19.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 91.597 ng

RT: 14.224 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

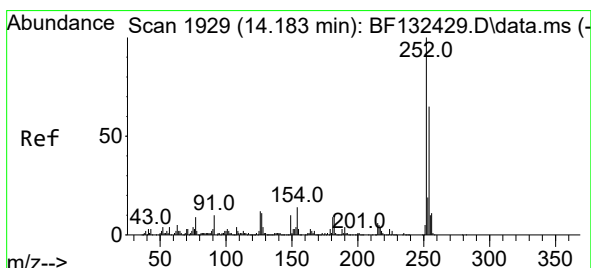
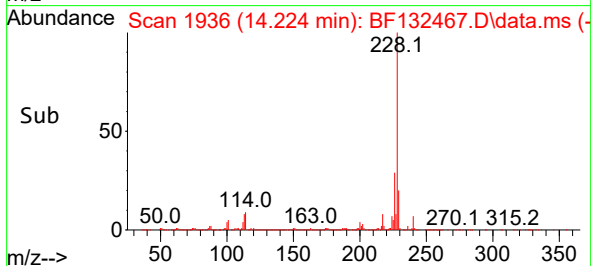
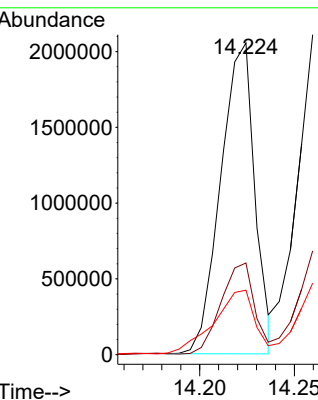
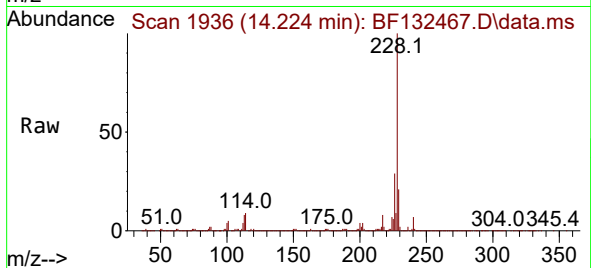
Tgt Ion:228 Resp: 2565687

Ion Ratio Lower Upper

228 100

226 29.4 22.6 34.0

229 20.7 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 46.311 ng

RT: 14.177 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

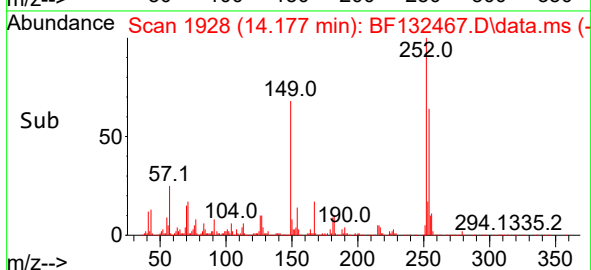
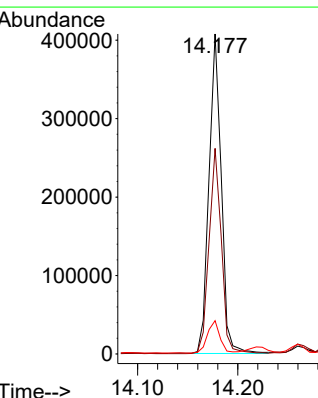
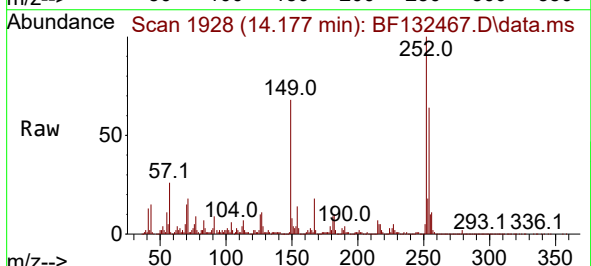
Tgt Ion:252 Resp: 346490

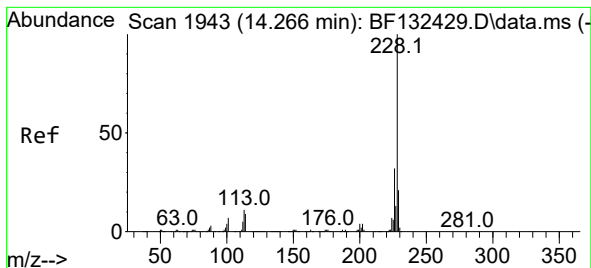
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

126 10.4 9.6 14.4





#83

Chrysene

Concen: 85.183 ng

RT: 14.260 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

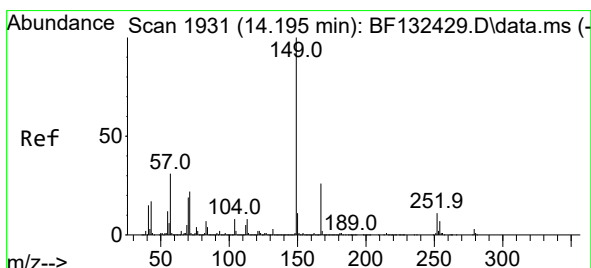
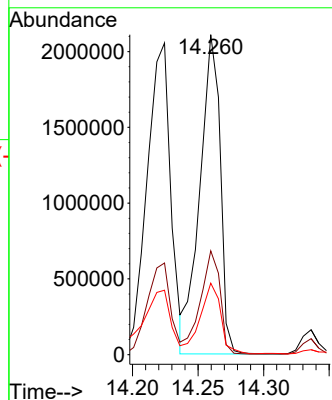
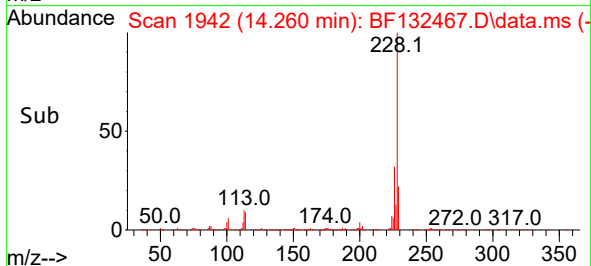
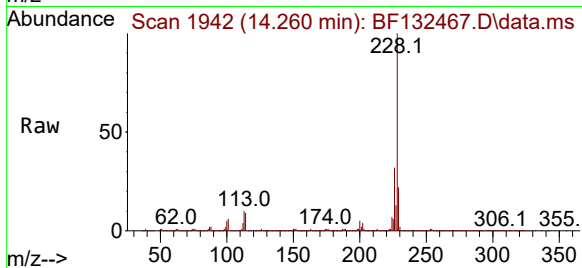
Tgt Ion:228 Resp: 2279736

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.2

229 22.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.477 ng

RT: 14.189 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

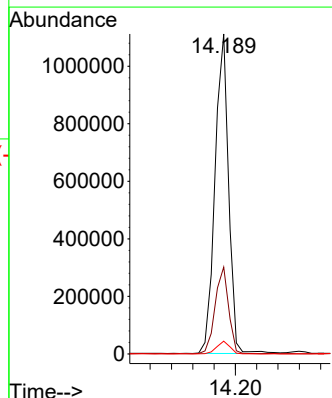
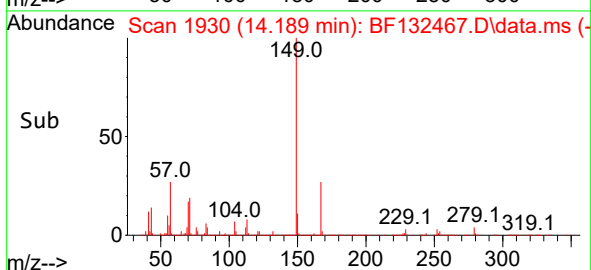
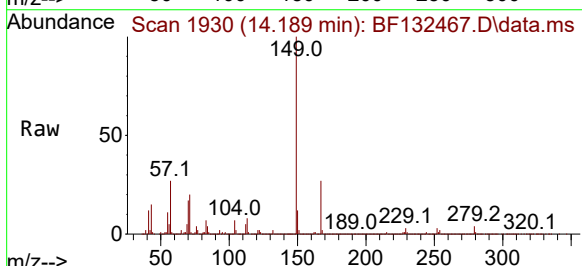
Tgt Ion:149 Resp: 980489

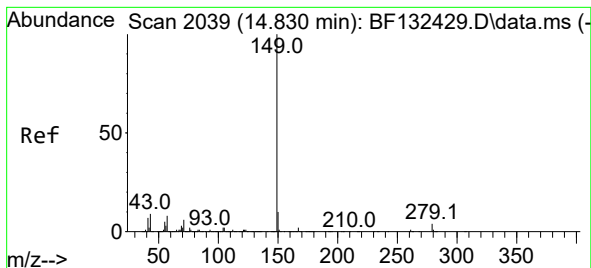
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

279 4.0 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 68.853 ng

RT: 14.818 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

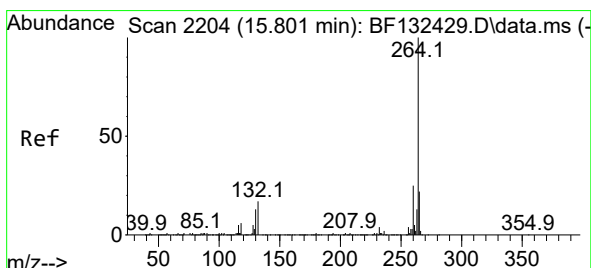
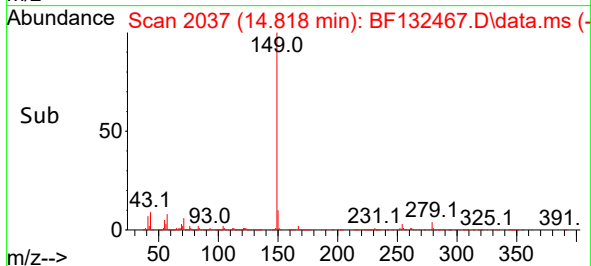
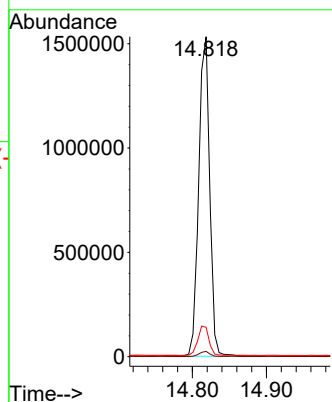
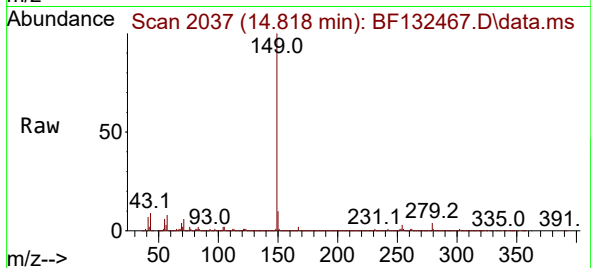
Tgt Ion:149 Resp: 1569013

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: 15.789 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

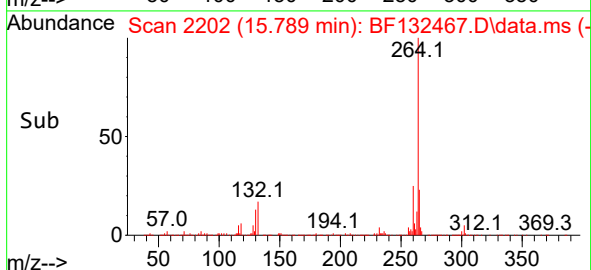
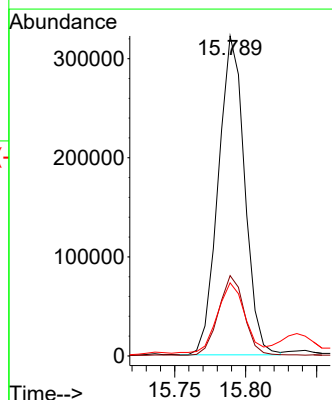
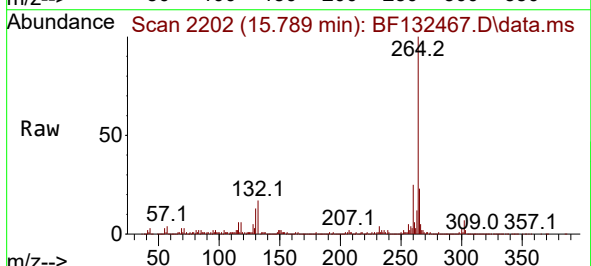
Tgt Ion:264 Resp: 414993

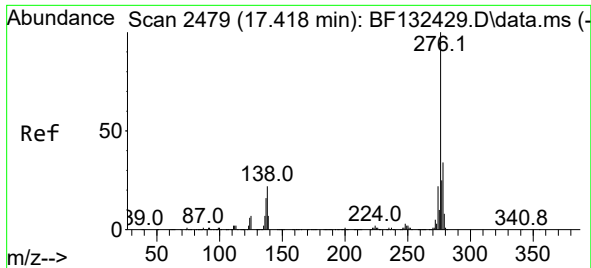
Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 22.8 17.2 25.8

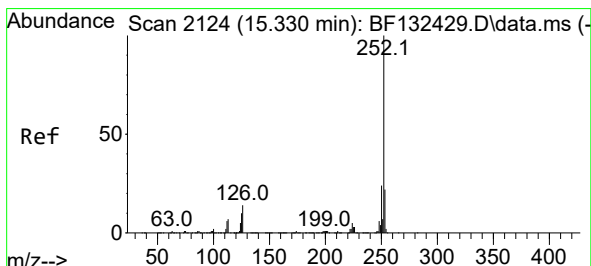
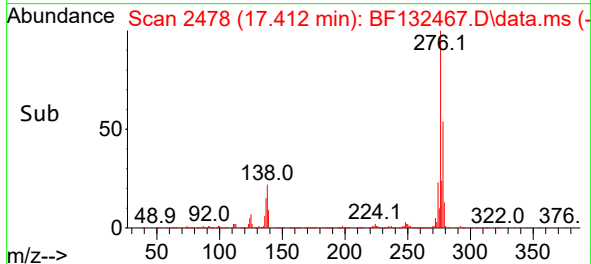
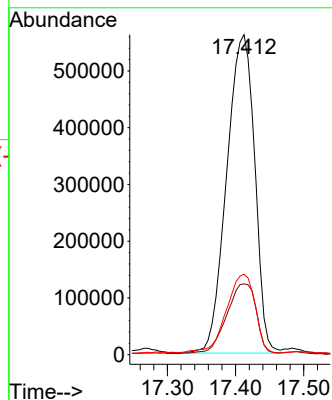
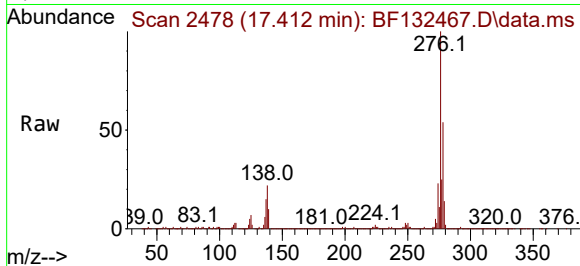




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 60.441 ng
 RT: 17.412 min Scan# 2478
 Delta R.T. 0.012 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

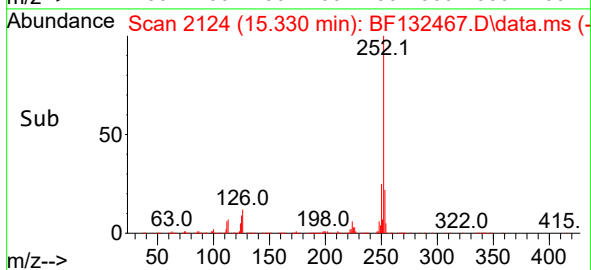
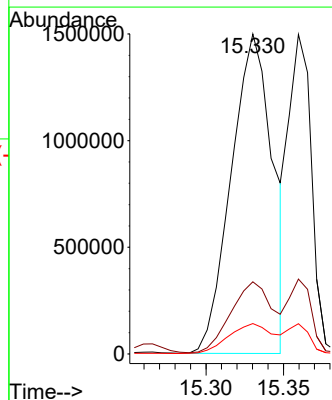
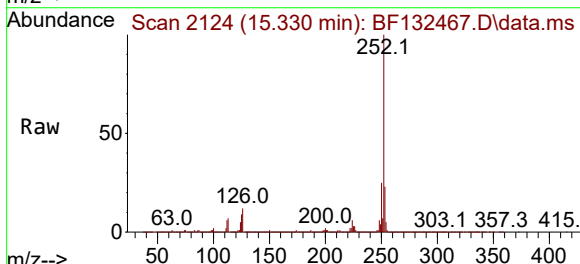
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-4.0-6.0MS

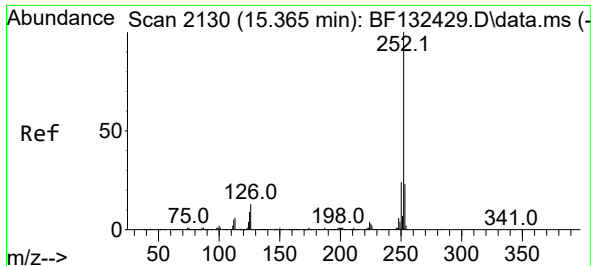
Tgt Ion:276 Resp: 1603375
 Ion Ratio Lower Upper
 276 100
 138 23.1 20.2 30.4
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 101.889 ng
 RT: 15.330 min Scan# 2124
 Delta R.T. 0.012 min
 Lab File: BF132467.D
 Acq: 18 Feb 2023 00:25

Tgt Ion:252 Resp: 2780592
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.8
 125 9.5 7.6 11.4

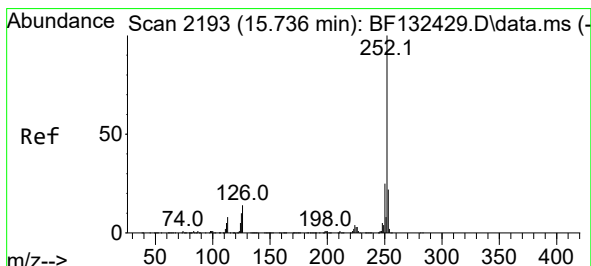
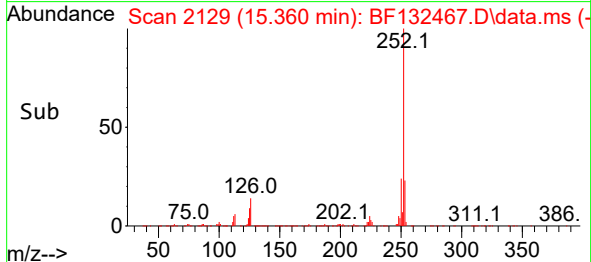
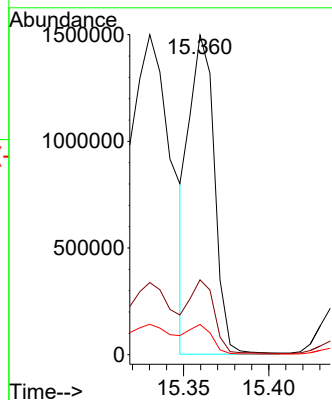
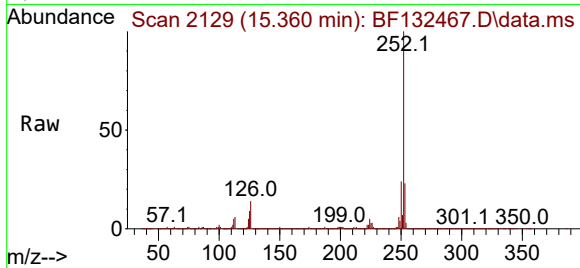




#89
Benzo(k)fluoranthene
Concen: 56.394 ng
RT: 15.360 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

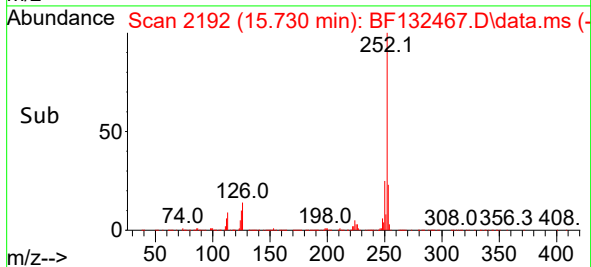
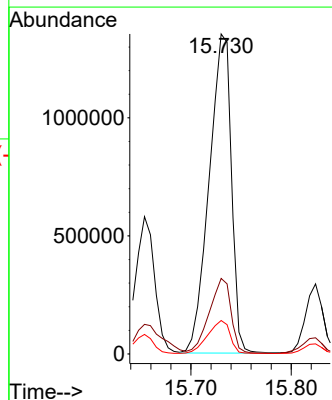
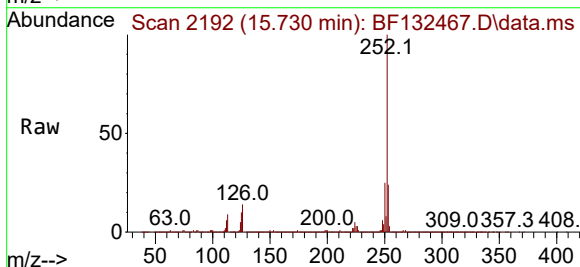
Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MS

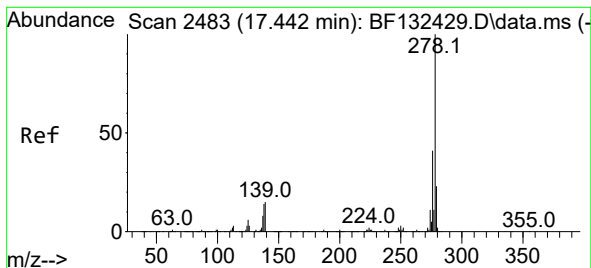
Tgt Ion:252 Resp: 1540111
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 82.079 ng
RT: 15.730 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BF132467.D
Acq: 18 Feb 2023 00:25

Tgt Ion:252 Resp: 2081647
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 10.4 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 44.349 ng

RT: 17.424 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Instrument :

BNA_F

ClientSampleId :

SB-03-4.0-6.0MS

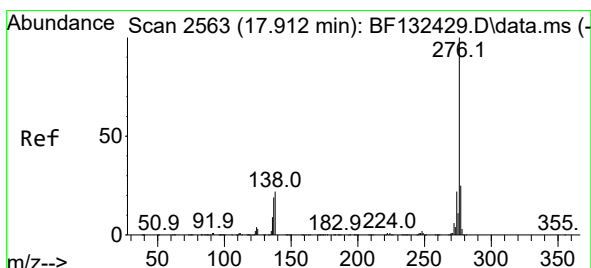
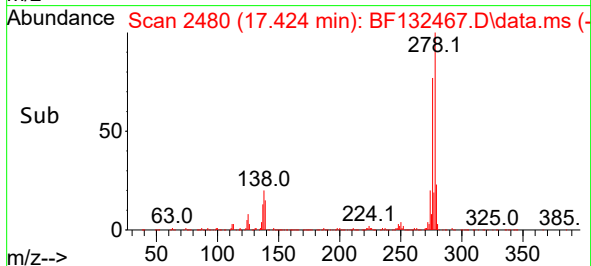
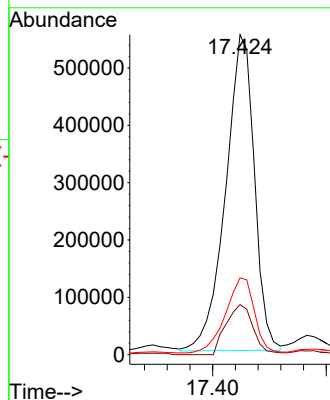
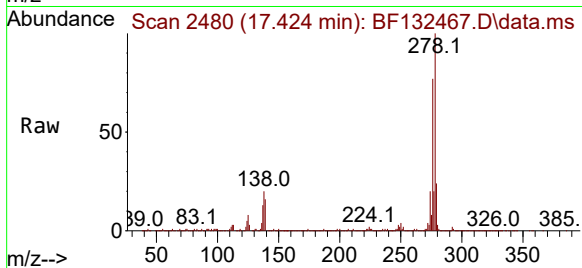
Tgt Ion:278 Resp: 968989

Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.2

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 60.714 ng

RT: 17.906 min Scan# 2562

Delta R.T. 0.012 min

Lab File: BF132467.D

Acq: 18 Feb 2023 00:25

Tgt Ion:276 Resp: 1362342

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 21.8 17.7 26.5

