

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132409.D
 Acq On : 13 Feb 2023 14:34
 Operator : CG\JU
 Sample : SSTDIC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:13:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	136062	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	339480	20.000	ng	0.00
39) Acenaphthene-d10	10.089	164	235976	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	440421	20.000	ng	0.00
76) Chrysene-d12	14.242	240	303474	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	296049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	743868	87.878	ng	0.00
7) Phenol-d6	6.660	99	1088152	104.271	ng	0.00
23) Nitrobenzene-d5	7.607	82	907365	148.734	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	376844	155.291	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1753768	114.768	ng	0.00
79) Terphenyl-d14	13.177	244	2016359	128.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.907	88	232305	58.325	ng	99
3) Pyridine	3.684	79	433397	40.109	ng	98
4) n-Nitrosodimethylamine	3.654	42	143387	41.471	ng	98
6) Aniline	6.701	93	668237	47.188	ng	99
8) 2-Chlorophenol	6.819	128	498808	56.896	ng	96
9) Benzaldehyde	6.584	77	166276	26.106	ng	98
10) Phenol	6.672	94	554270	51.314	ng	97
11) bis(2-Chloroethyl)ether	6.772	93	513634	57.779	ng	98
12) 1,3-Dichlorobenzene	6.978	146	538123	58.035	ng	99
13) 1,4-Dichlorobenzene	7.054	146	547065	59.106	ng	100
14) 1,2-Dichlorobenzene	7.207	146	498610	57.764	ng	98
15) Benzyl Alcohol	7.172	79	349520	45.901	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.307	45	392461	41.903	ng	99
17) 2-Methylphenol	7.278	107	421171	54.881	ng	100
18) Hexachloroethane	7.548	117	201245	57.959	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	266638	44.981	ng	99
20) 3+4-Methylphenols	7.437	107	507163	51.778	ng	93
22) Acetophenone	7.448	105	612689	76.743	ng	99
24) Nitrobenzene	7.625	77	452404	72.589	ng	97
25) Isophorone	7.860	82	733691	63.364	ng	100
26) 2-Nitrophenol	7.936	139	235778	77.667	ng	99
27) 2,4-Dimethylphenol	7.966	122	341279	64.227	ng	100
28) bis(2-Chloroethoxy)met...	8.066	93	433816	60.967	ng	99
29) 2,4-Dichlorophenol	8.178	162	357969	75.879	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	380533	75.325	ng	97
31) Naphthalene	8.348	128	1166230	69.791	ng	100
32) Benzoic acid	8.089	122	262237	66.673	ng	99
33) 4-Chloroaniline	8.389	127	362560	48.929	ng	98
34) Hexachlorobutadiene	8.454	225	253938	89.414	ng	98
35) Caprolactam	8.778	113	72220	44.905	ng	99
36) 4-Chloro-3-methylphenol	8.866	107	292629	57.577	ng	99
37) 2-Methylnaphthalene	9.036	142	786672	69.501	ng	100
38) 1-Methylnaphthalene	9.136	142	771905	73.384	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	391249	58.917	ng	99
41) Hexachlorocyclopentadiene	9.189	237	261685	67.543	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	286936	60.447	ng	97

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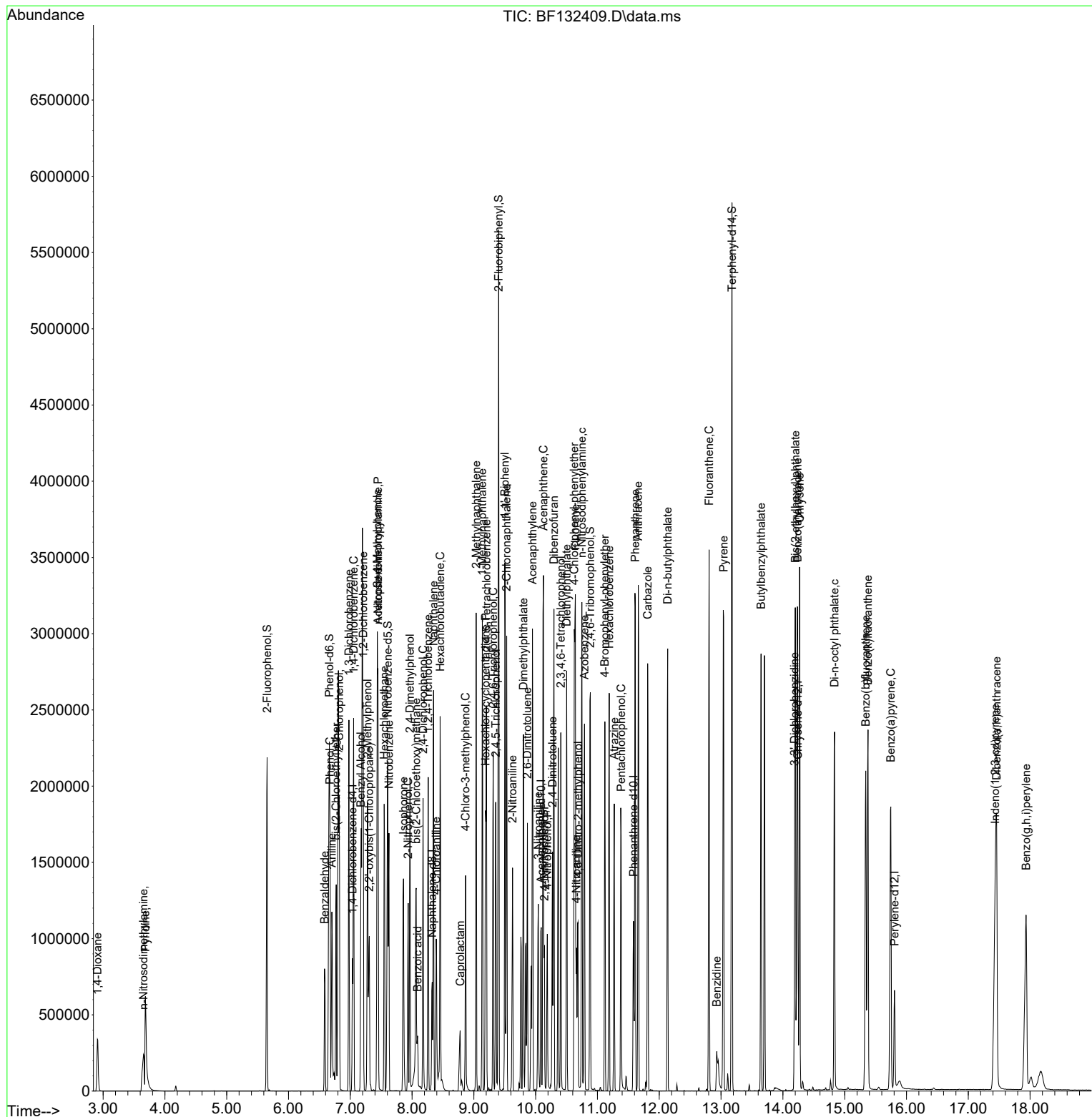
Instrument :
 BNA_F
 ClientSampleId :

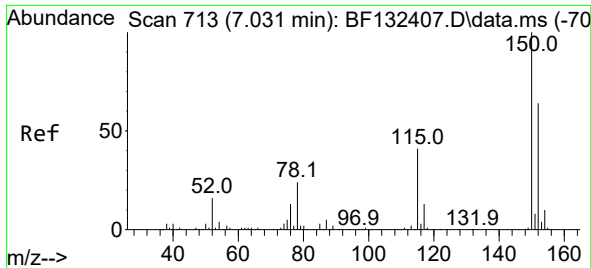
Quant Time: Feb 14 00:13:38 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	323483	59.206	ng	98
46) 1,1'-Biphenyl	9.501	154	1090325	59.933	ng	99
47) 2-Chloronaphthalene	9.531	162	837047	60.409	ng	97
48) 2-Nitroaniline	9.625	65	210065	50.975	ng	96
49) Acenaphthylene	9.948	152	1341144	59.305	ng	100
50) Dimethylphthalate	9.801	163	1034086	62.647	ng	100
51) 2,6-Dinitrotoluene	9.866	165	234100	63.501	ng	100
52) Acenaphthene	10.125	154	876024	61.875	ng	99
53) 3-Nitroaniline	10.042	138	265610	59.411	ng	96
54) 2,4-Dinitrophenol	10.142	184	143103	75.262	ng	97
55) Dibenzofuran	10.295	168	1193333	59.990	ng	99
56) 4-Nitrophenol	10.189	139	205387	61.050	ng	98
57) 2,4-Dinitrotoluene	10.272	165	311644	65.077	ng	97
58) Fluorene	10.642	166	921492	60.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	265325	66.613	ng	99
60) Diethylphthalate	10.501	149	1026417	62.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	467601	64.359	ng	95
62) 4-Nitroaniline	10.660	138	227487	53.062	ng	96
63) Azobenzene	10.789	77	803557	50.238	ng	96
65) 4,6-Dinitro-2-methylph...	10.683	198	179329	71.742	ng	98
66) n-Nitrosodiphenylamine	10.748	169	814298	59.045	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	299893	66.497	ng	93
68) Hexachlorobenzene	11.189	284	334613	69.417	ng	94
69) Atrazine	11.272	200	252432	63.636	ng	98
70) Pentachlorophenol	11.383	266	222438	67.161	ng	99
71) Phenanthrene	11.613	178	1359541	59.073	ng	100
72) Anthracene	11.660	178	1398128	59.694	ng	99
73) Carbazole	11.813	167	1214374	57.825	ng	99
74) Di-n-butylphthalate	12.136	149	1550934	62.467	ng	100
75) Fluoranthene	12.807	202	1428507	60.824	ng	98
77) Benzidine	12.930	184	254677	24.004	ng	99
78) Pyrene	13.042	202	1462362	59.912	ng	100
80) Butylbenzylphthalate	13.648	149	661533	61.344	ng	98
81) Benzo(a)anthracene	14.236	228	1324852	62.418	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	354165	52.388	ng	99
83) Chrysene	14.271	228	1222734	61.521	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	912510	62.602	ng	99
85) Di-n-octyl phthalate	14.836	149	1405440	59.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.436	276	1369008	69.594	ng	99
88) Benzo(b)fluoranthene	15.342	252	1129199	60.006	ng	99
89) Benzo(k)fluoranthene	15.377	252	1162289	64.706	ng	100
90) Benzo(a)pyrene	15.748	252	1099657	62.754	ng	99
91) Dibenzo(a,h)anthracene	17.459	278	1125992	71.195	ng	100
92) Benzo(g,h,i)perylene	17.936	276	1132613	69.320	ng	99

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

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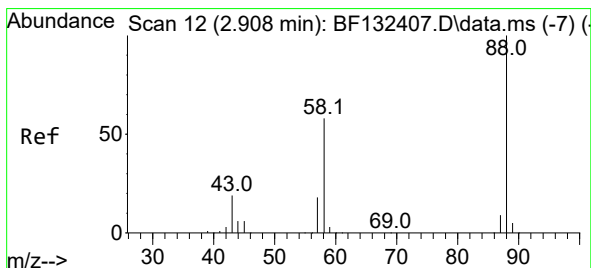
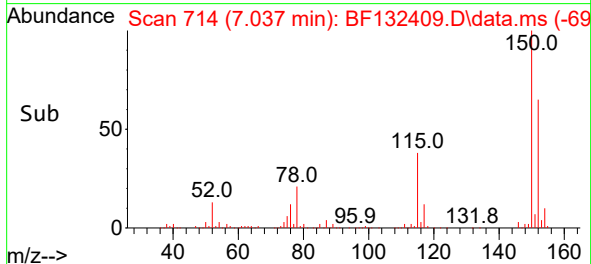
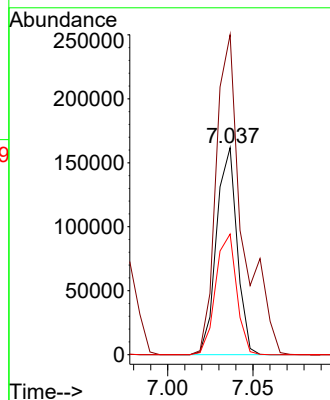
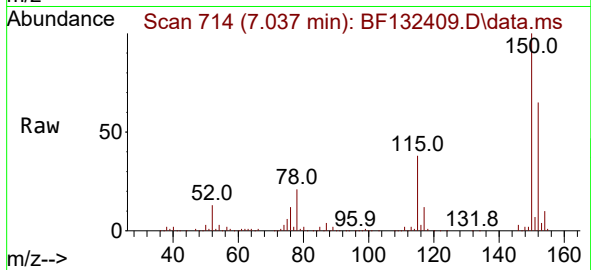




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.037 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

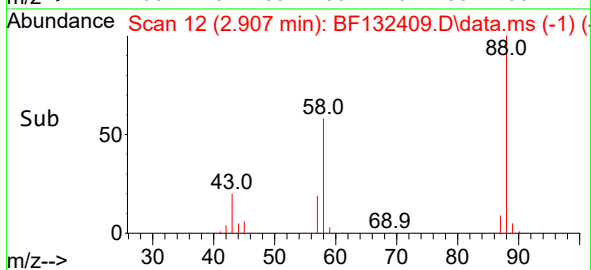
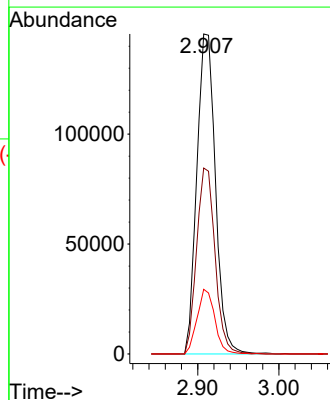
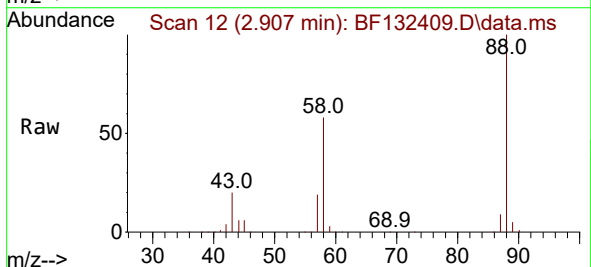
Instrument :
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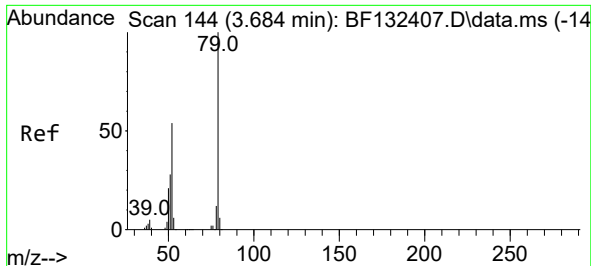
Tgt Ion:152 Resp: 136062
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.4 186.6
 115 58.3 50.6 75.8



#2
 1,4-Dioxane
 Concen: 58.325 ng
 RT: 2.907 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

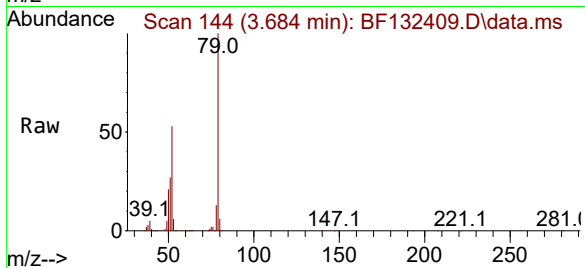
Tgt Ion: 88 Resp: 232305
 Ion Ratio Lower Upper
 88 100
 58 57.5 45.7 68.5
 43 19.3 15.0 22.4



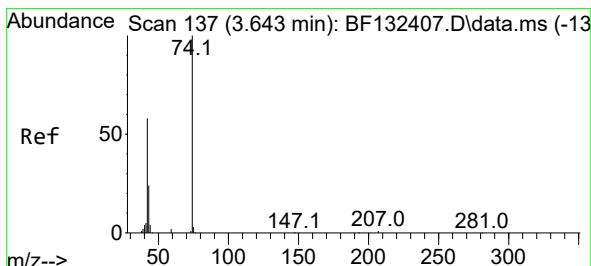
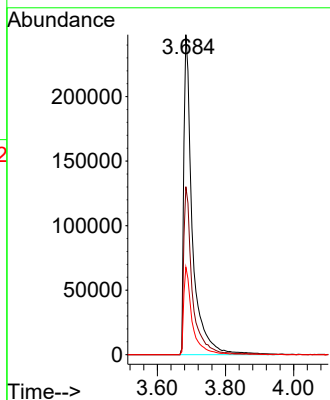
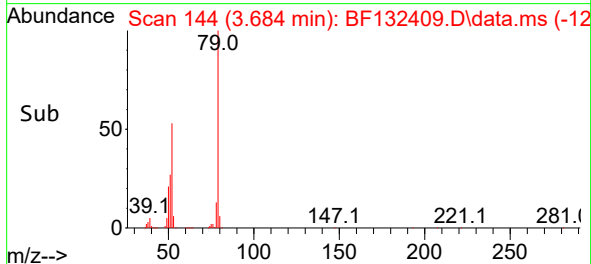


#3
 Pyridine
 Concen: 40.109 ng
 RT: 3.684 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

Instrument :
 BNA_F
 ClientSampleId :

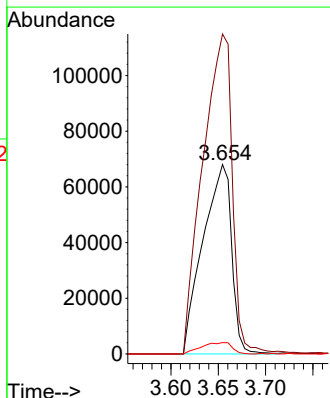
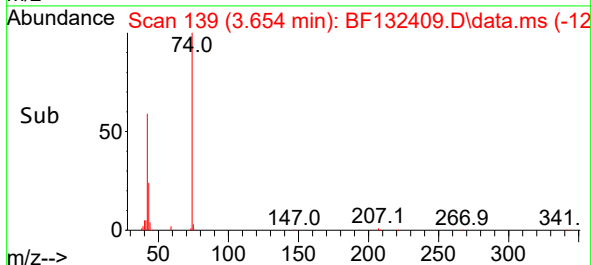
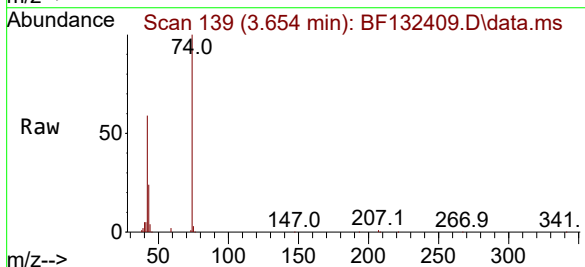


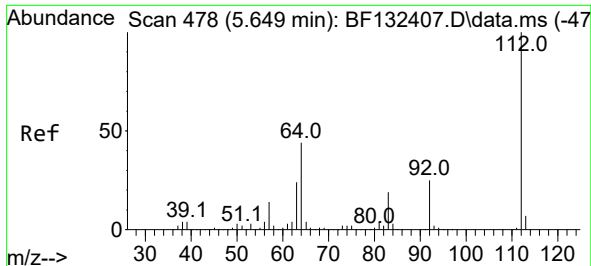
Tgt Ion: 79 Resp: 433397
 Ion Ratio Lower Upper
 79 100
 52 52.5 43.3 64.9
 51 27.3 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 41.471 ng
 RT: 3.654 min Scan# 139
 Delta R.T. 0.011 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

Tgt Ion: 42 Resp: 143387
 Ion Ratio Lower Upper
 42 100
 74 168.9 137.8 206.6
 44 6.0 5.8 8.6

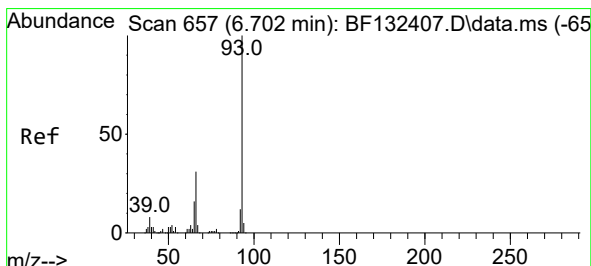
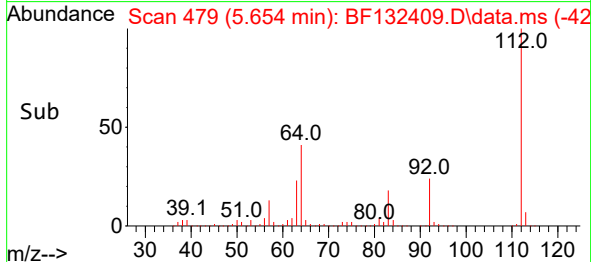
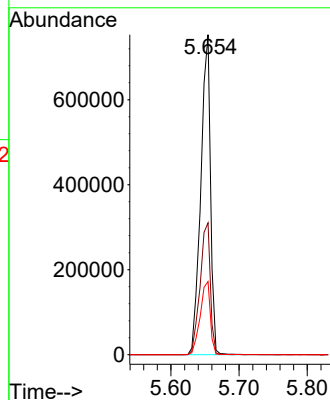
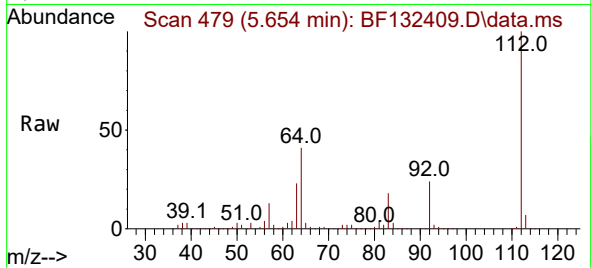




#5
2-Fluorophenol
Concen: 87.878 ng
RT: 5.654 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

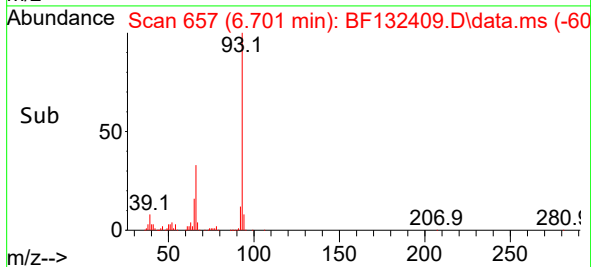
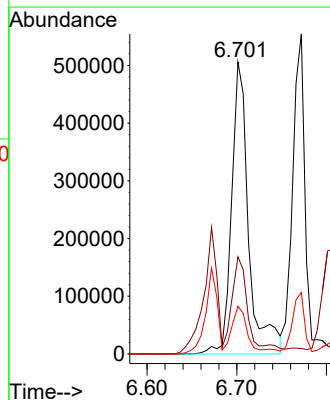
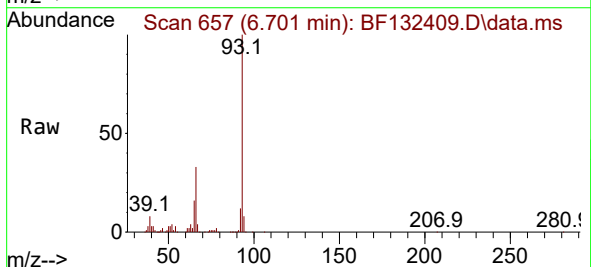
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ClientSampleId :

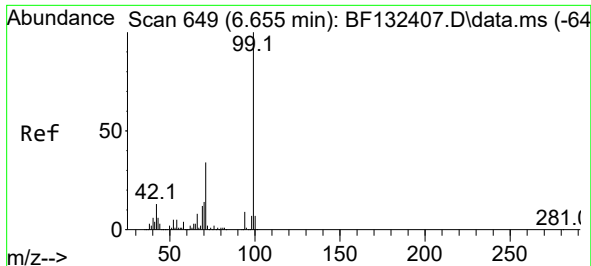
Tgt Ion:112 Resp: 743868
Ion Ratio Lower Upper
112 100
64 41.2 34.8 52.2
63 22.9 19.3 28.9



#6
Aniline
Concen: 47.188 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 93 Resp: 668237
Ion Ratio Lower Upper
93 100
66 33.3 25.7 38.5
65 16.3 13.1 19.7

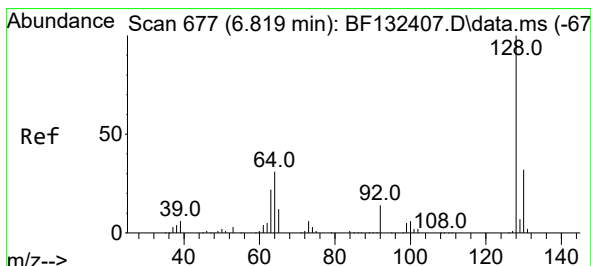
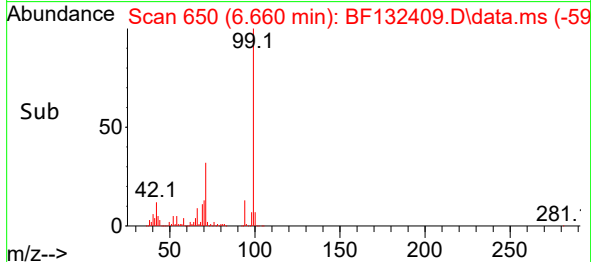
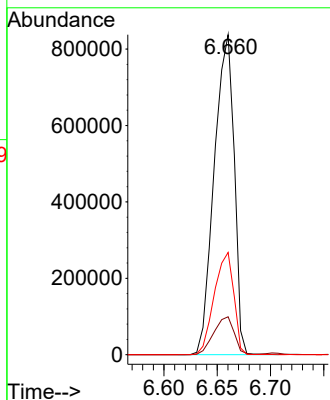
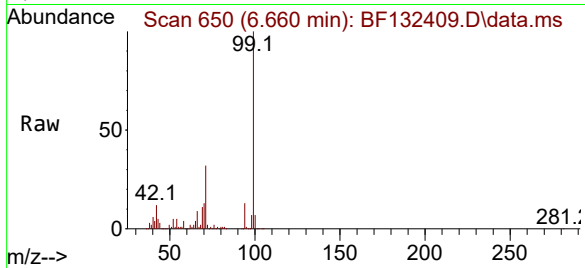




#7
Phenol-d6
Concen: 104.271 ng
RT: 6.660 min Scan# 61
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

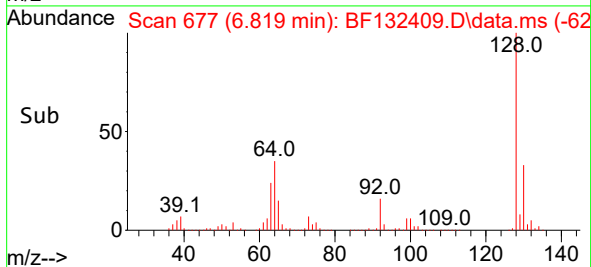
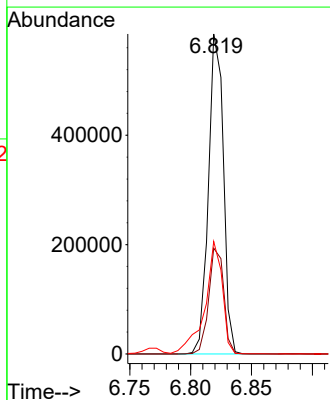
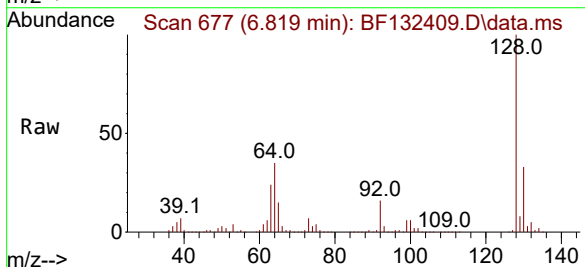
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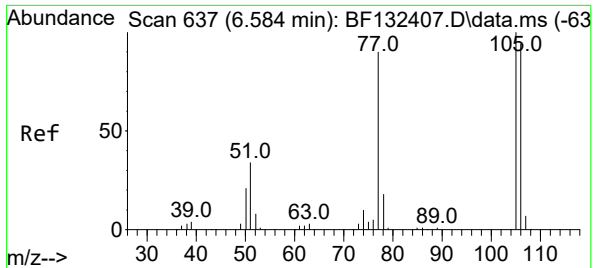
Tgt Ion: 99 Resp: 1088152
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 32.0 26.8 40.2



#8
2-Chlorophenol
Concen: 56.896 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:128 Resp: 498808
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 35.2 12.3 52.3

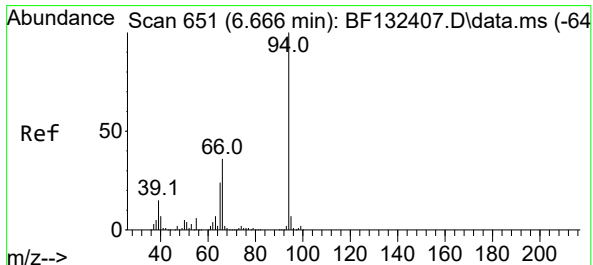
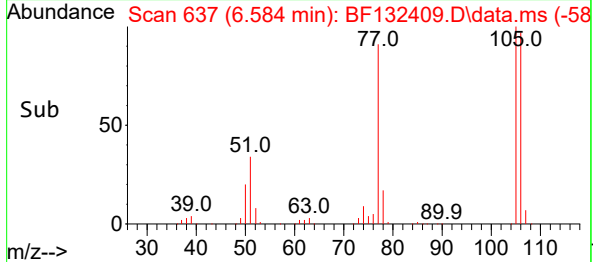
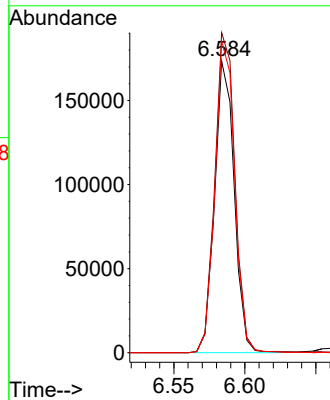
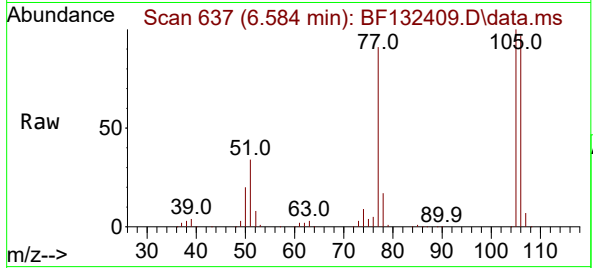




#9
Benzaldehyde
Concen: 26.106 ng
RT: 6.584 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

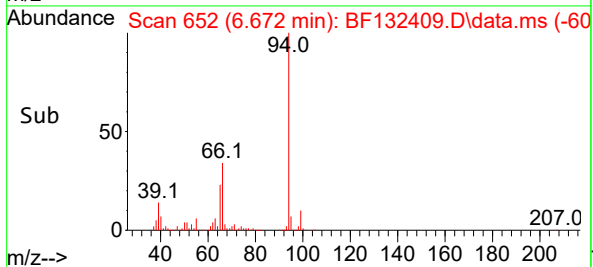
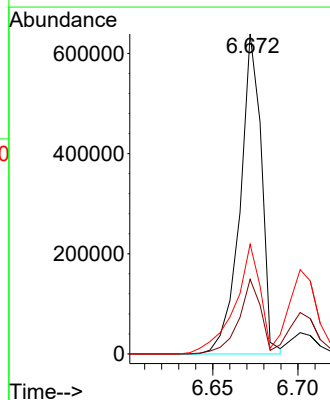
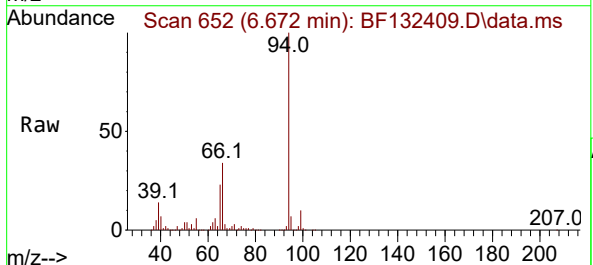
Instrument :
BNA_F
ClientSampleId :

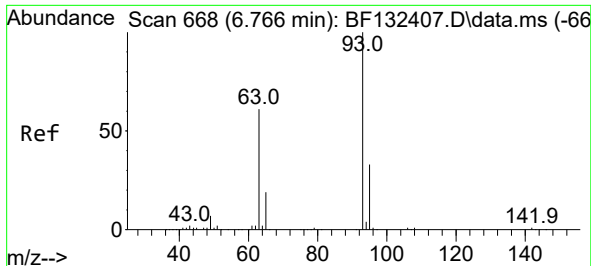
Tgt Ion:	77	Resp:	166276
Ion	Ratio	Lower	Upper
77	100		
105	109.7	91.1	131.1
106	106.9	84.2	124.2



#10
Phenol
Concen: 51.314 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:	94	Resp:	554270
Ion	Ratio	Lower	Upper
94	100		
65	23.3	4.3	44.3
66	34.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 57.779 ng

RT: 6.772 min Scan# 669

Delta R.T. 0.006 min

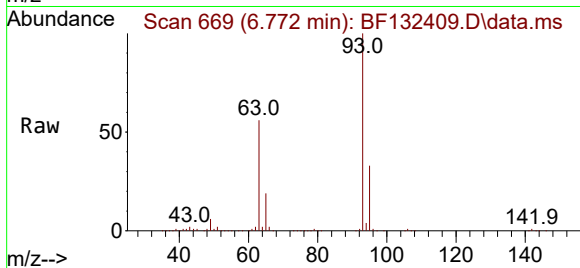
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



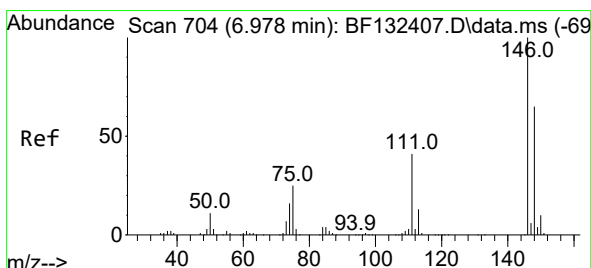
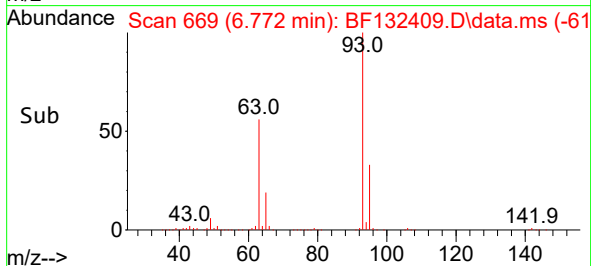
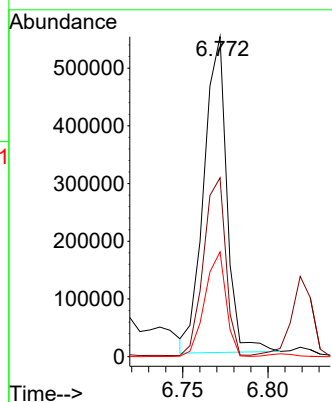
Tgt Ion: 93 Resp: 513634

Ion Ratio Lower Upper

93 100

63 55.9 37.9 77.9

95 32.7 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 58.035 ng

RT: 6.978 min Scan# 704

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

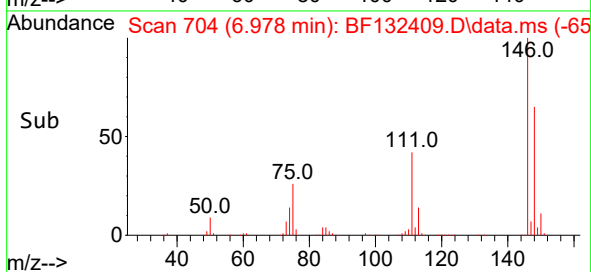
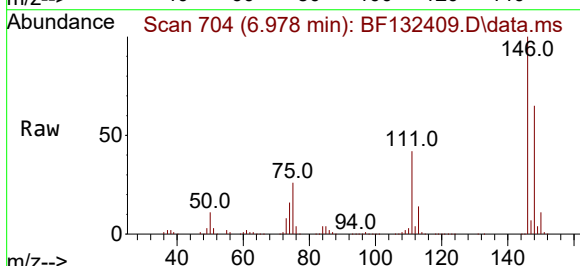
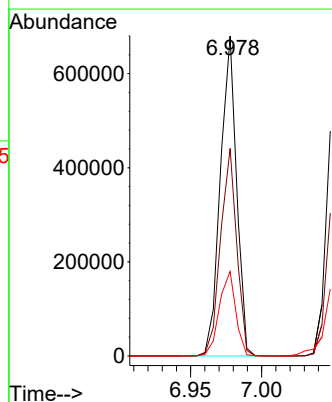
Tgt Ion:146 Resp: 538123

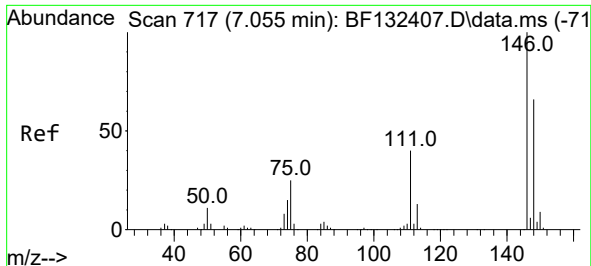
Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

75 26.4 20.0 30.0





#13

1,4-Dichlorobenzene

Concen: 59.106 ng

RT: 7.054 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

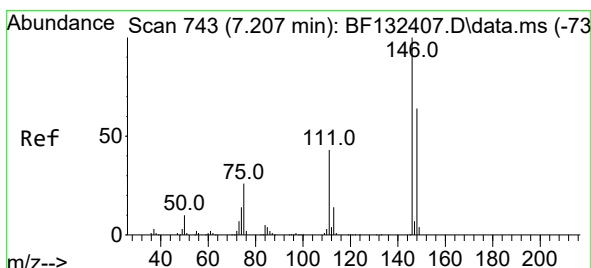
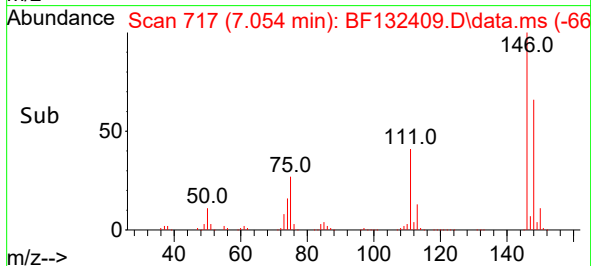
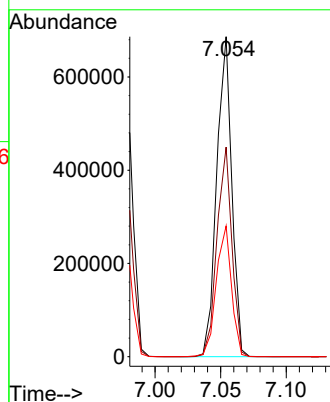
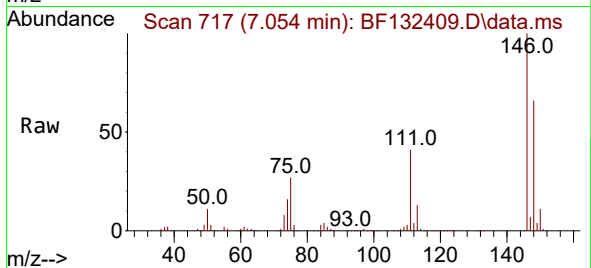
Tgt Ion:146 Resp: 547065

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 40.8 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 57.764 ng

RT: 7.207 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

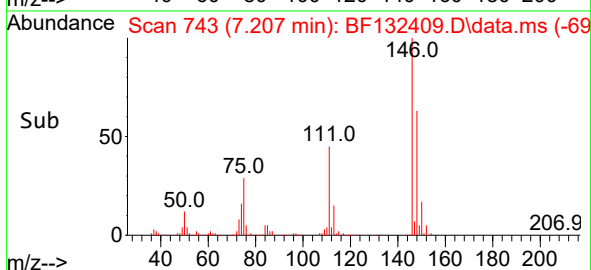
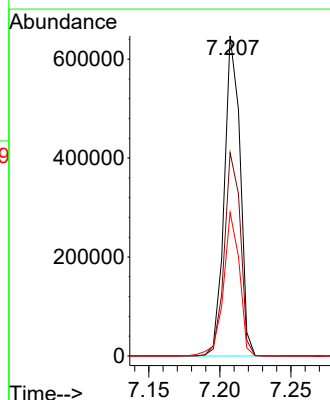
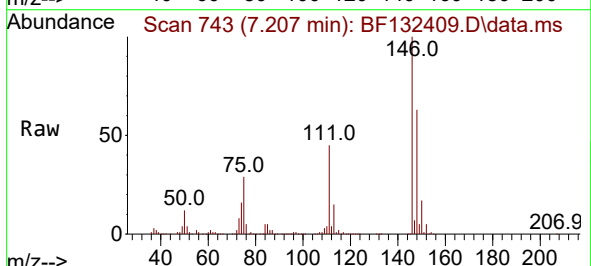
Tgt Ion:146 Resp: 498610

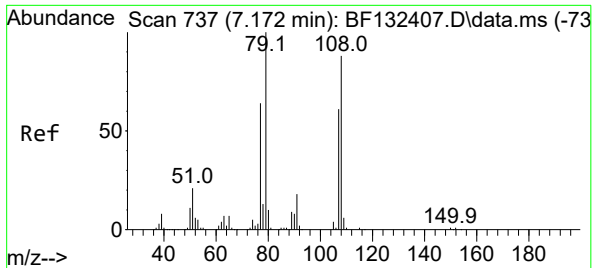
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 44.8 34.2 51.4

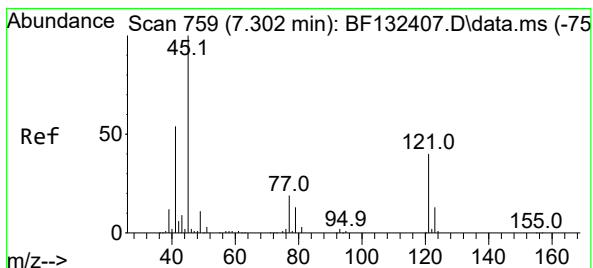
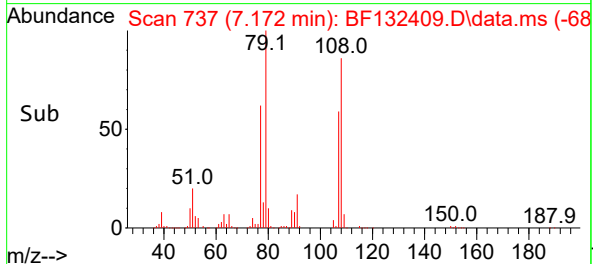
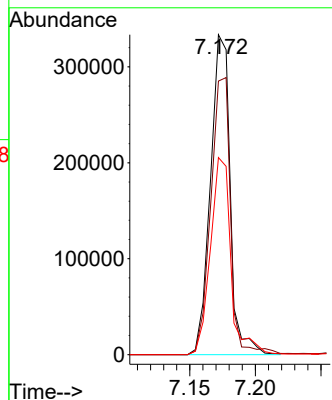
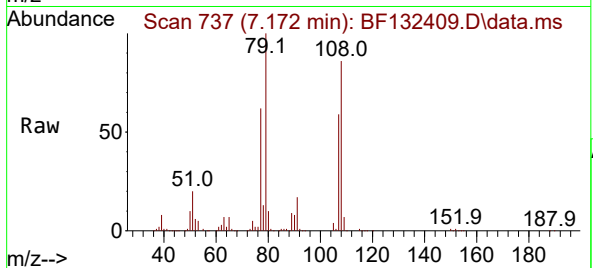




#15
Benzyl Alcohol
Concen: 45.901 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

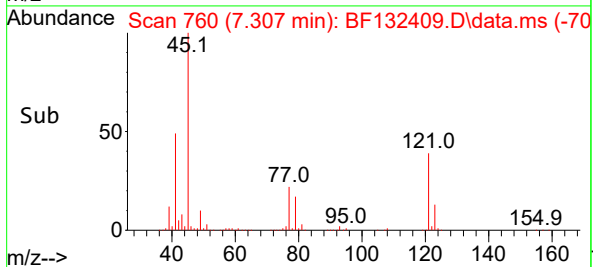
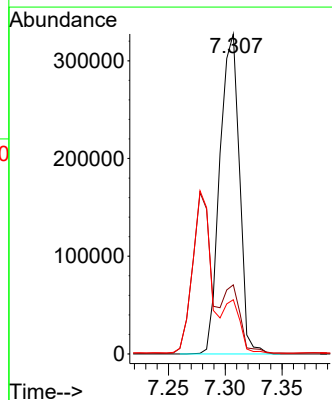
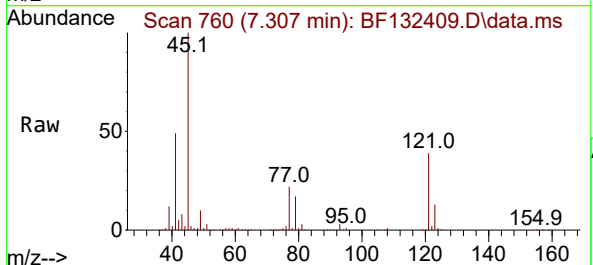
Instrument :
BNA_F
ClientSampleId :

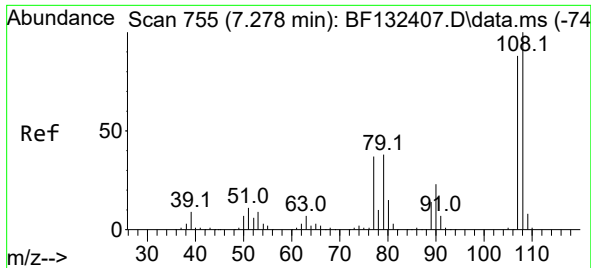
Tgt Ion: 79 Resp: 349520
Ion Ratio Lower Upper
79 100
108 85.5 70.2 105.2
77 61.6 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.903 ng
RT: 7.307 min Scan# 760
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

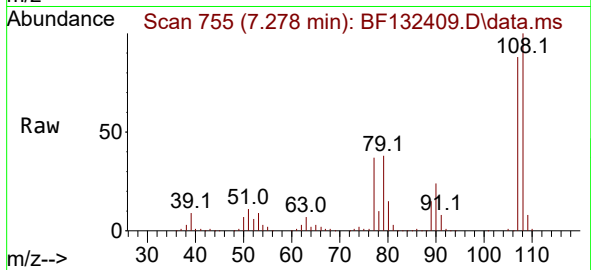
Tgt Ion: 45 Resp: 392461
Ion Ratio Lower Upper
45 100
77 21.6 1.3 41.3
79 16.9 0.0 35.9



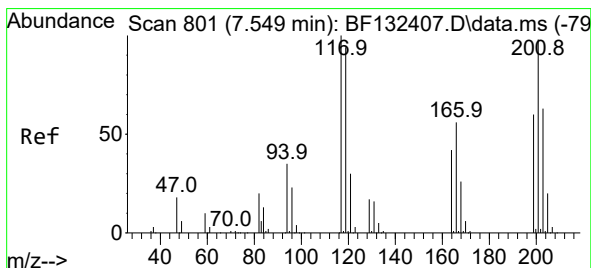
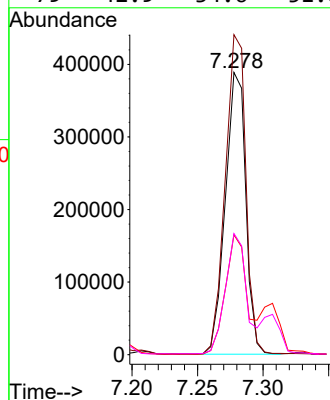
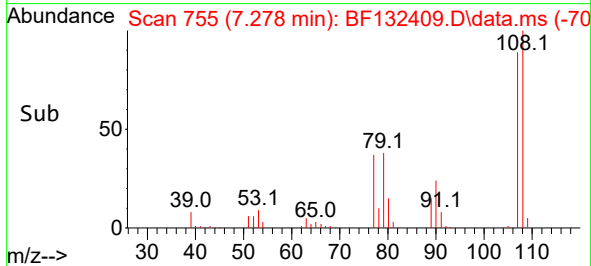


#17
2-Methylphenol
Concen: 54.881 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

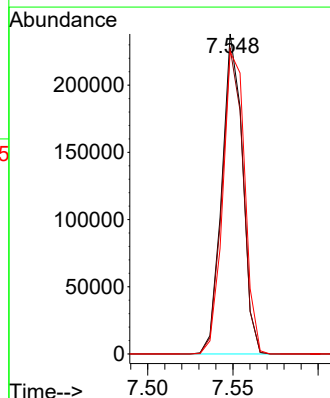
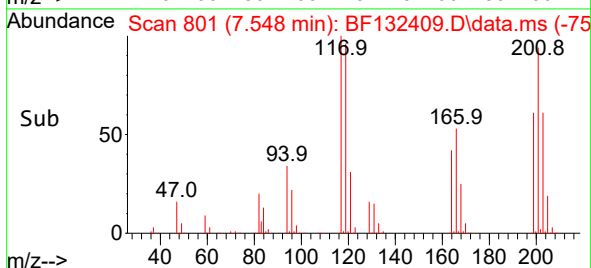
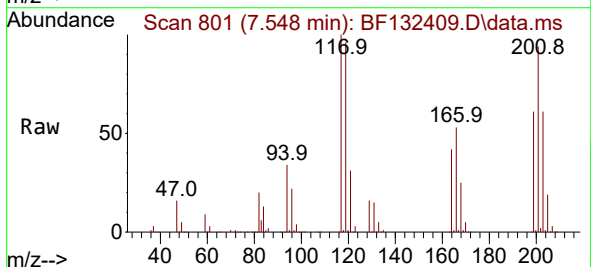


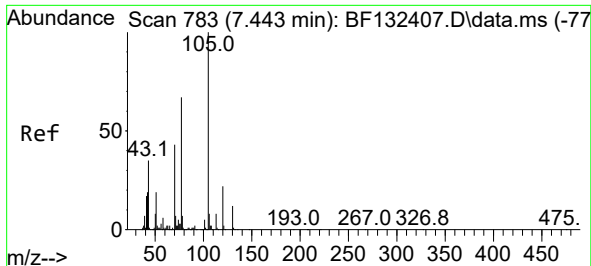
Tgt Ion:107	Resp: 421171
Ion Ratio	Lower Upper
107 100	
108 113.4	90.6 135.8
77 42.5	33.8 50.8
79 42.9	34.6 51.8



#18
Hexachloroethane
Concen: 57.959 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:117	Resp: 201245
Ion Ratio	Lower Upper
117 100	
119 95.5	75.3 112.9
201 94.4	78.7 118.1

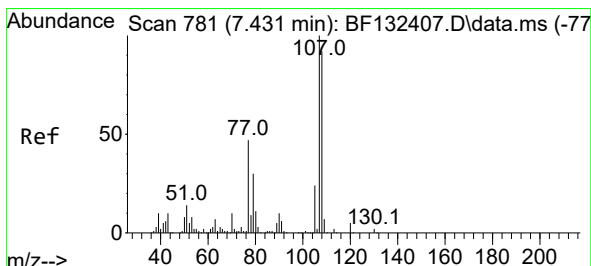
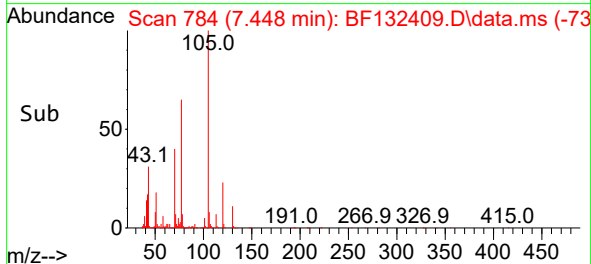
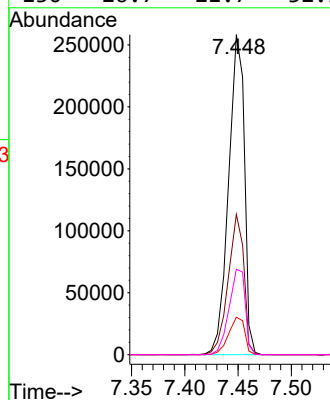
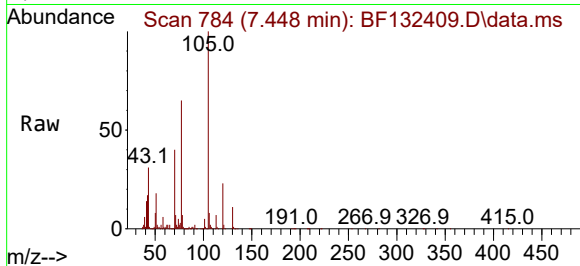




#19
n-Nitroso-di-n-propylamine
Concen: 44.981 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

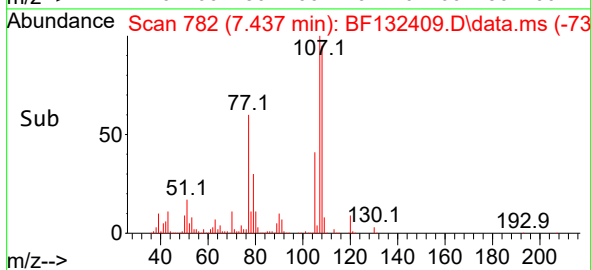
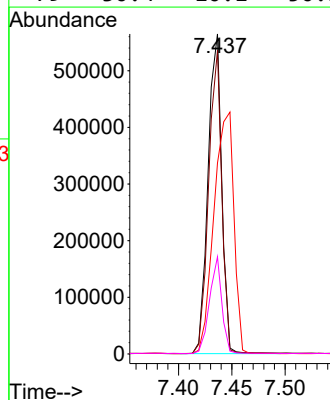
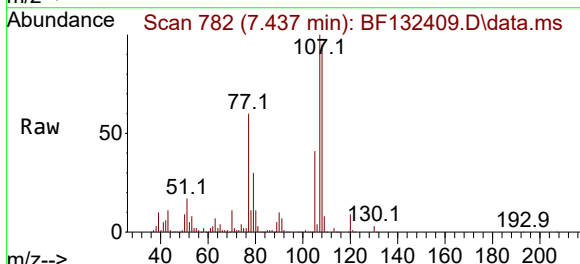
Instrument :
BNA_F
ClientSampleId :

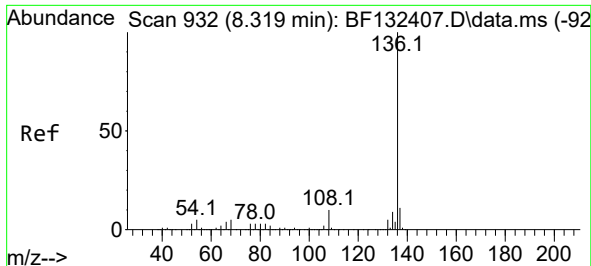
Tgt Ion: 70 Resp: 266638
Ion Ratio Lower Upper
70 100
42 43.9 36.0 54.0
101 11.7 9.4 14.2
130 26.7 21.7 32.5



#20
3+4-Methylphenols
Concen: 51.778 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

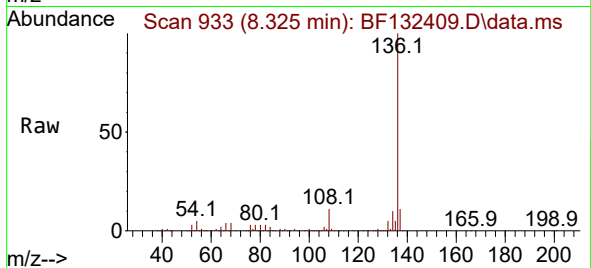
Tgt Ion: 107 Resp: 507163
Ion Ratio Lower Upper
107 100
108 94.8 72.0 112.0
77 59.7 27.4 67.4
79 30.4 10.1 50.1



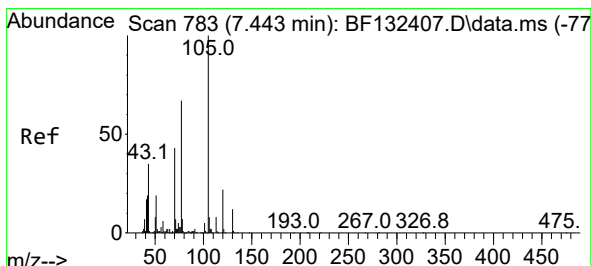
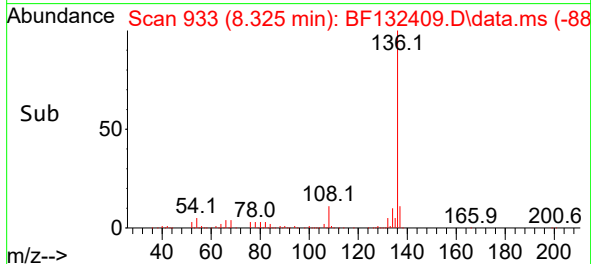
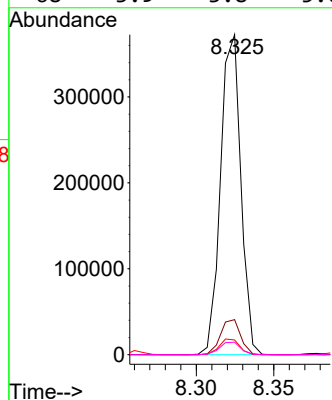


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 91
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

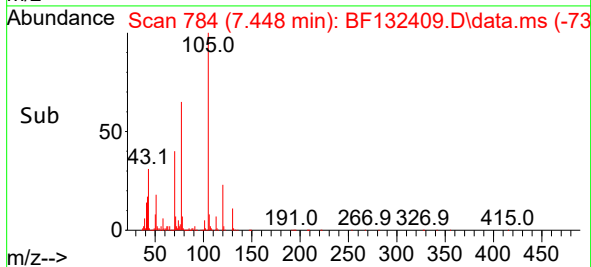
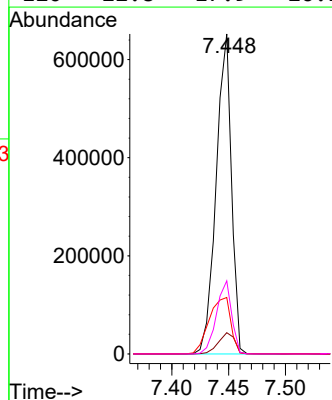
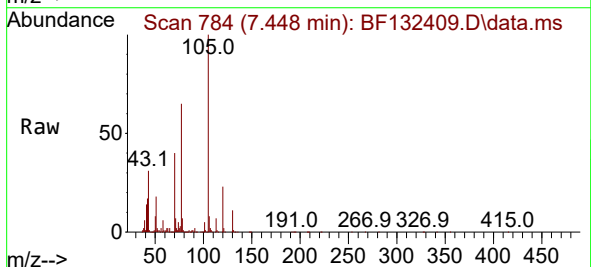


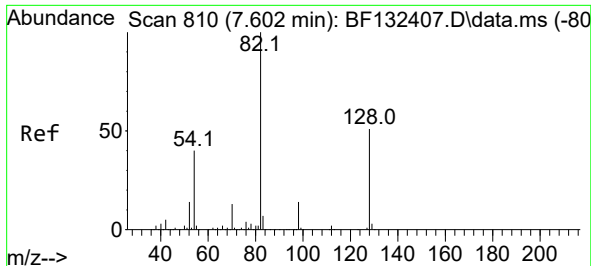
Tgt Ion:136 Resp: 339480
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 4.6 4.2 6.2
68 3.9 3.8 5.6



#22
Acetophenone
Concen: 76.743 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:105 Resp: 612689
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.2
51 17.7 14.9 22.3
120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 148.734 ng

RT: 7.607 min Scan# 810

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

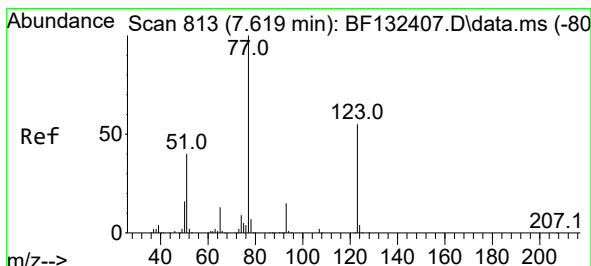
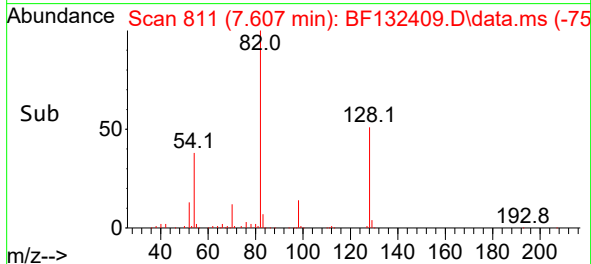
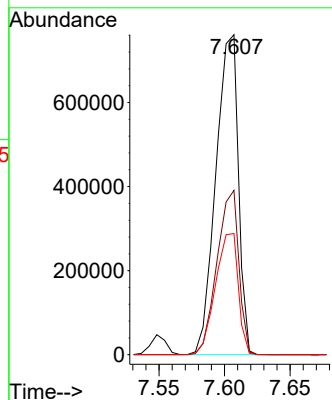
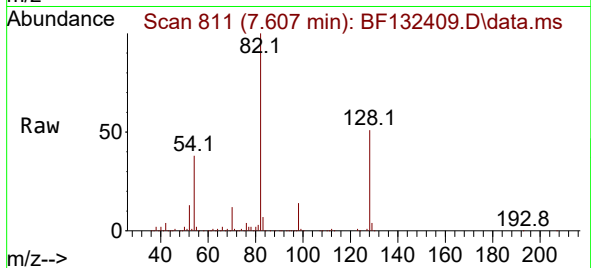
Tgt Ion: 82 Resp: 907365

Ion Ratio Lower Upper

82 100

128 51.3 40.7 61.1

54 37.8 32.3 48.5



#24

Nitrobenzene

Concen: 72.589 ng

RT: 7.625 min Scan# 814

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

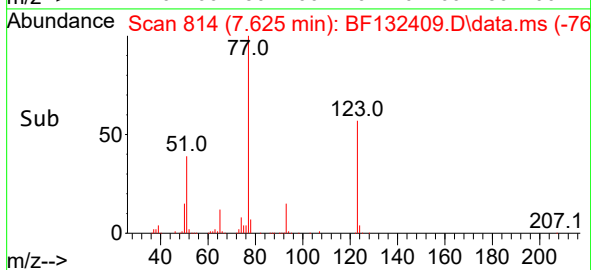
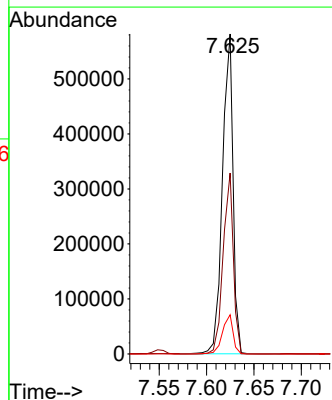
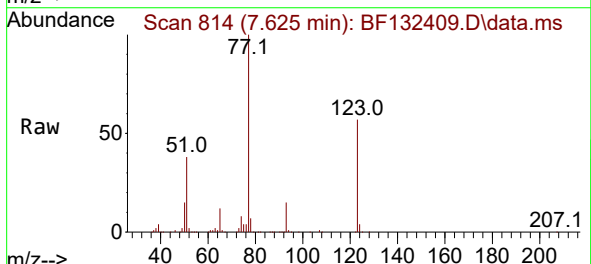
Tgt Ion: 77 Resp: 452404

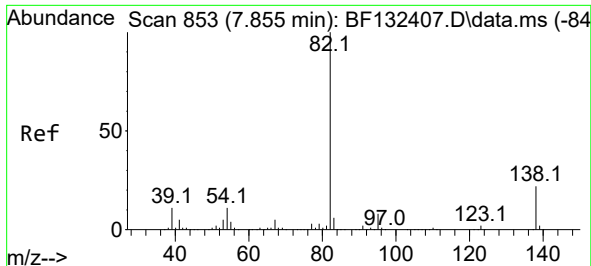
Ion Ratio Lower Upper

77 100

123 56.6 43.6 65.4

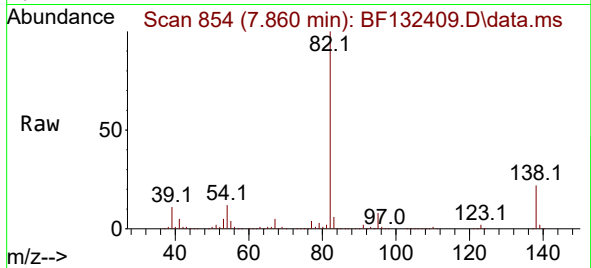
65 12.3 10.3 15.5



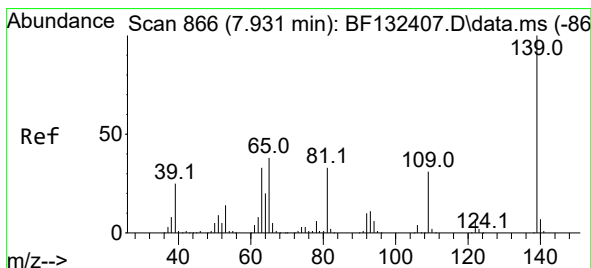
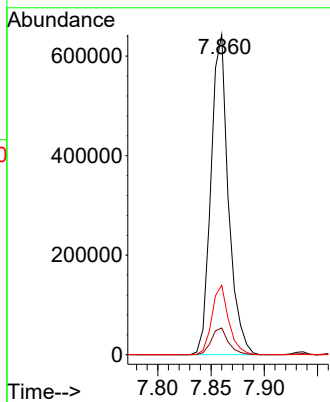
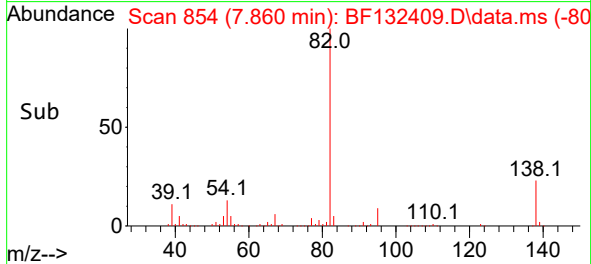


#25
Isophorone
Concen: 63.364 ng
RT: 7.860 min Scan# 854
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

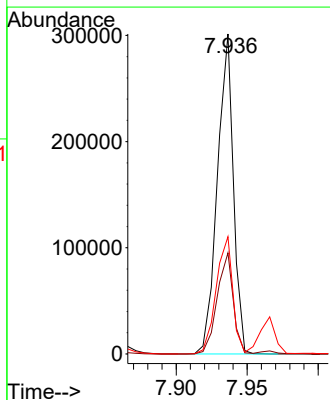
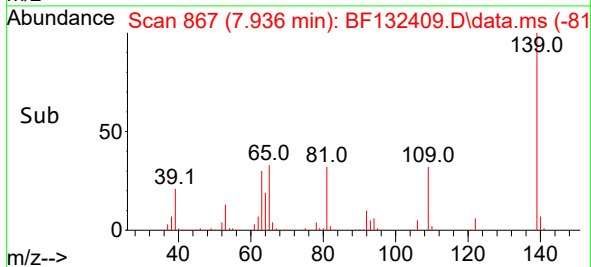
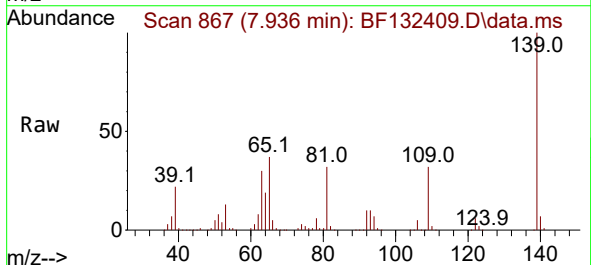


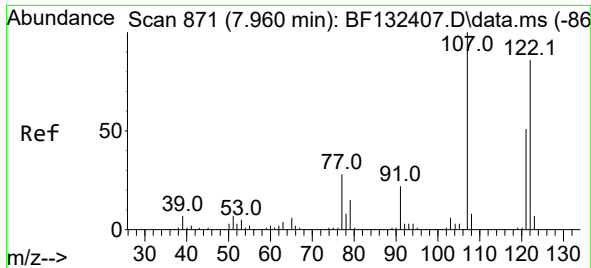
Tgt Ion: 82 Resp: 733691
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 21.7 17.2 25.8



#26
2-Nitrophenol
Concen: 77.667 ng
RT: 7.936 min Scan# 867
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:139 Resp: 235778
Ion Ratio Lower Upper
139 100
109 31.6 25.2 37.8
65 36.7 30.6 45.8

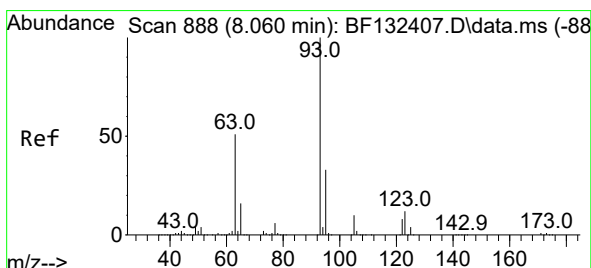
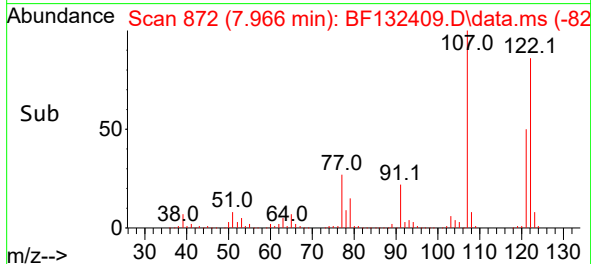
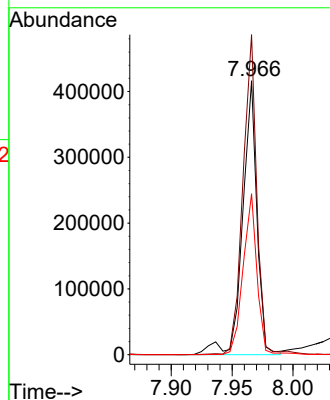
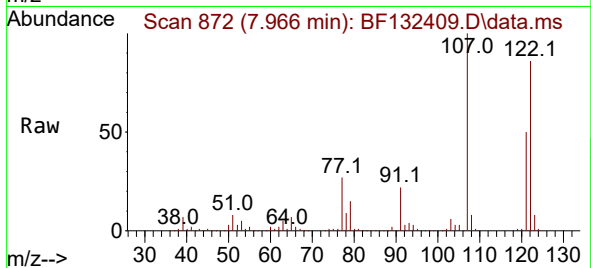




#27
2,4-Dimethylphenol
Concen: 64.227 ng
RT: 7.966 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

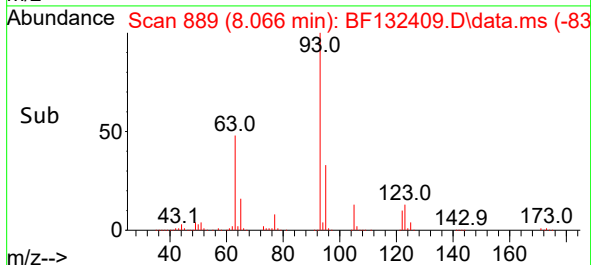
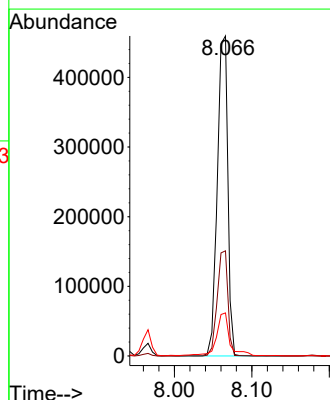
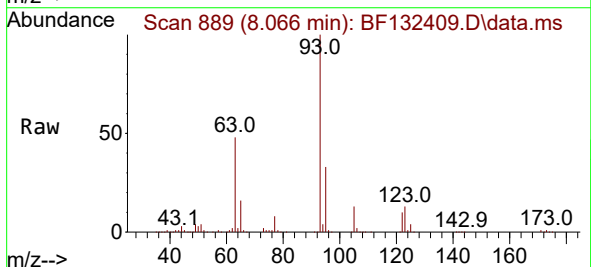
Instrument :
BNA_F
ClientSampleId :

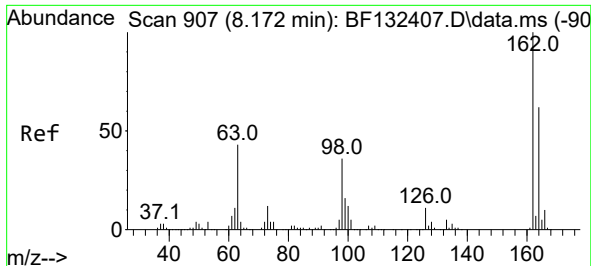
Tgt Ion:122 Resp: 341279
Ion Ratio Lower Upper
122 100
107 116.8 93.2 139.8
121 58.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 60.967 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 93 Resp: 433816
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 13.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 75.879 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.005 min

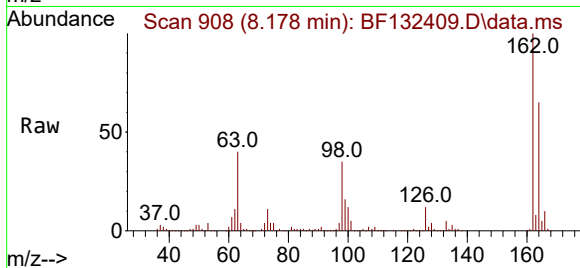
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



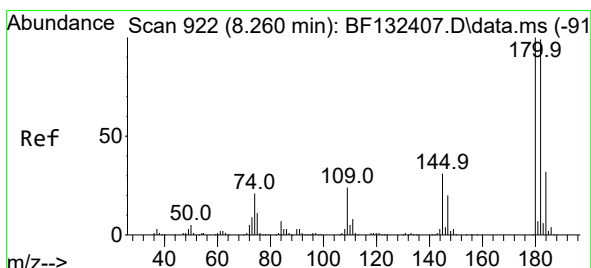
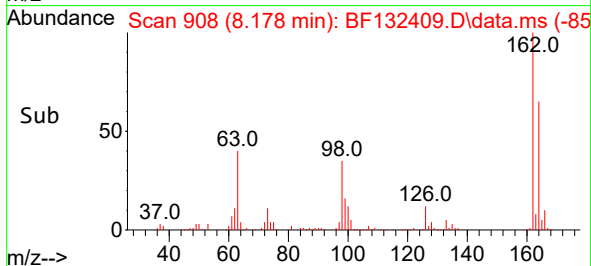
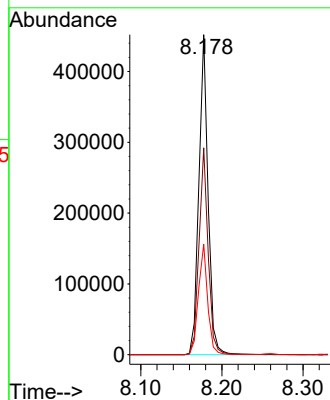
Tgt Ion:162 Resp: 357969

Ion Ratio Lower Upper

162 100

164 64.7 42.4 82.4

98 34.5 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 75.325 ng

RT: 8.260 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

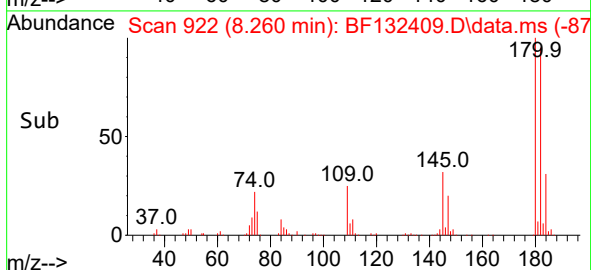
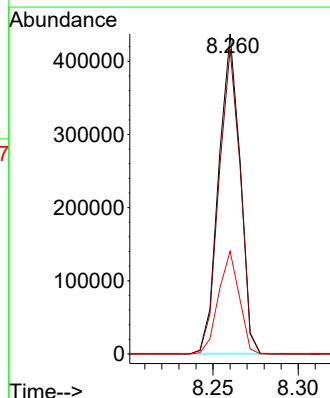
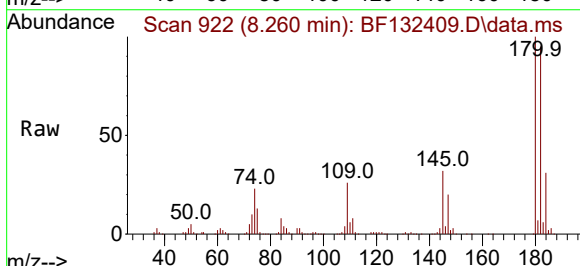
Tgt Ion:180 Resp: 380533

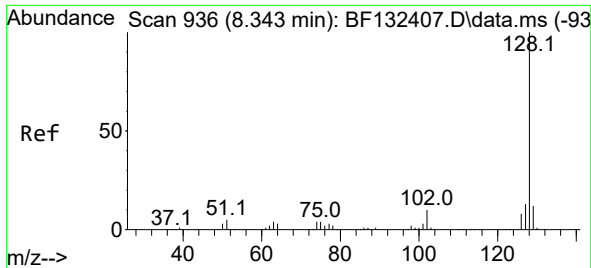
Ion Ratio Lower Upper

180 100

182 95.3 79.0 118.6

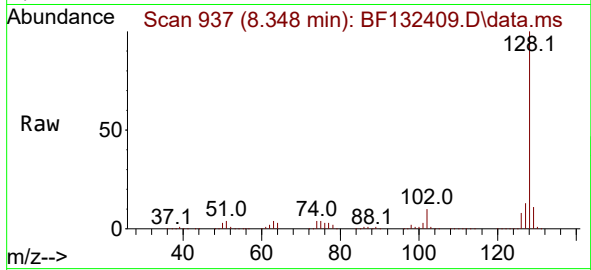
145 32.1 24.9 37.3



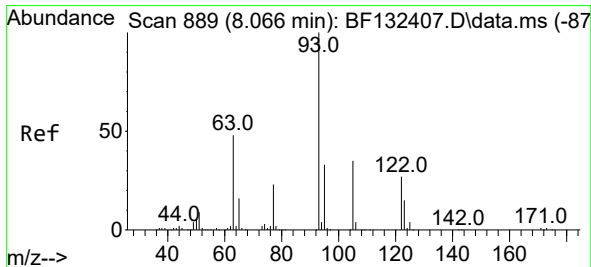
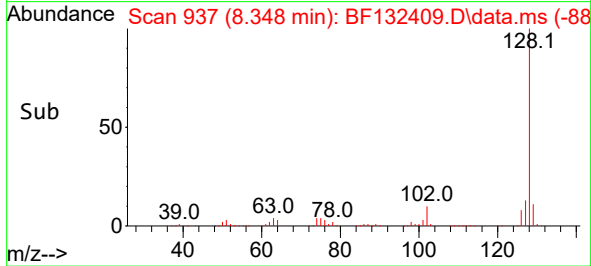
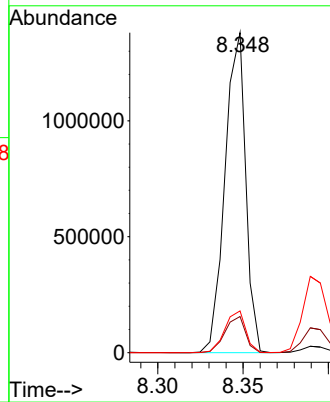


#31
Naphthalene
Concen: 69.791 ng
RT: 8.348 min Scan# 91
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

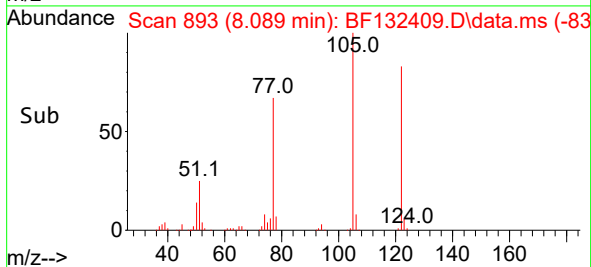
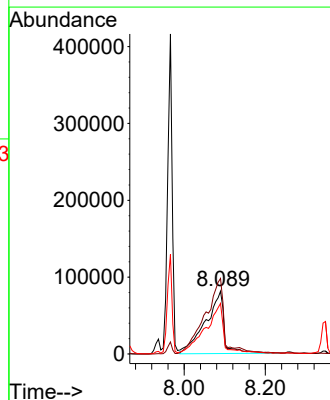
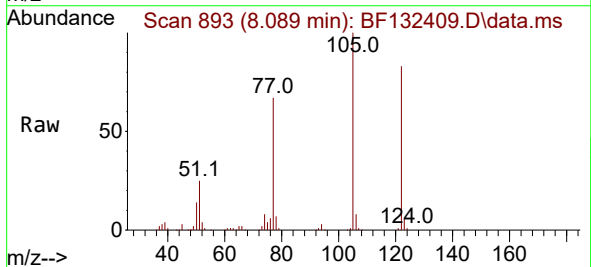


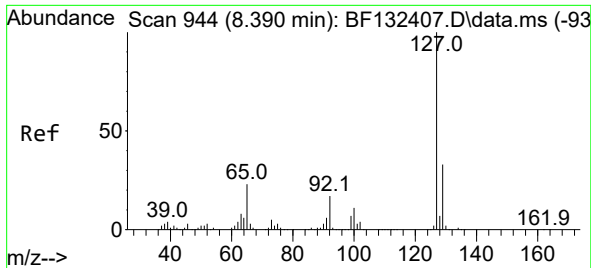
Tgt Ion:128 Resp: 1166230
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 66.673 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.023 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:122 Resp: 262237
Ion Ratio Lower Upper
122 100
105 120.3 101.9 141.9
77 80.6 61.1 101.1

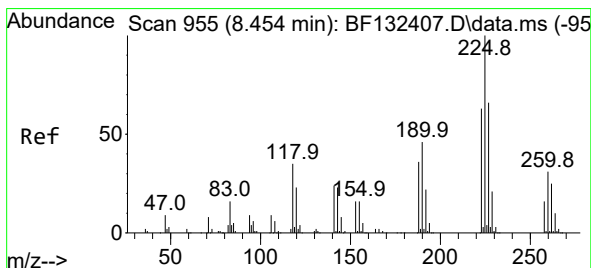
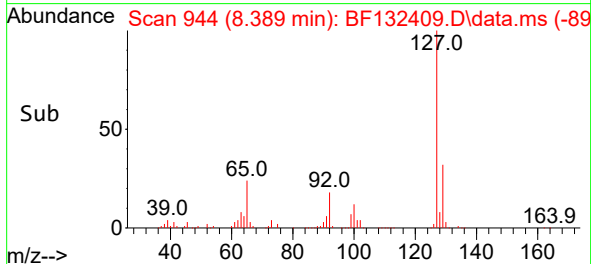
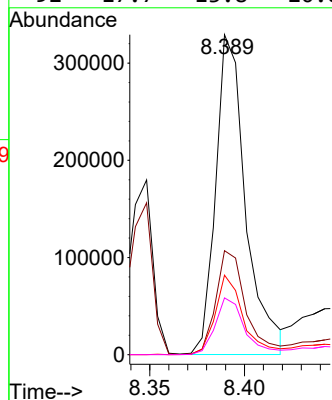
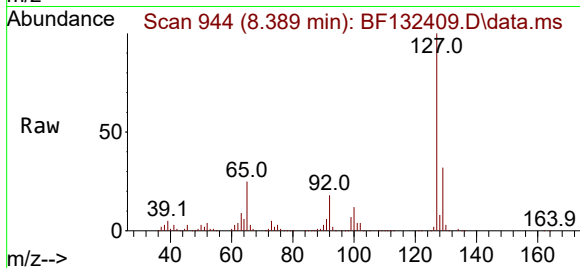




#33
4-Chloroaniline
Concen: 48.929 ng
RT: 8.389 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

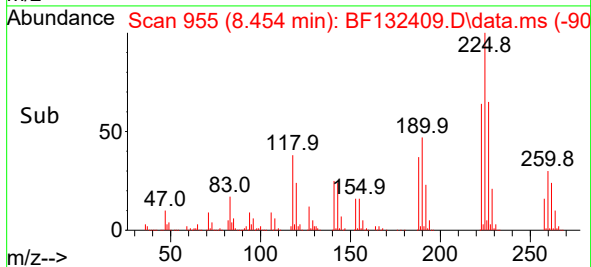
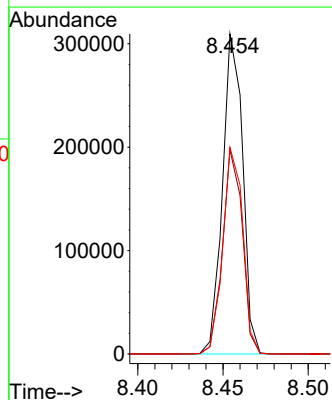
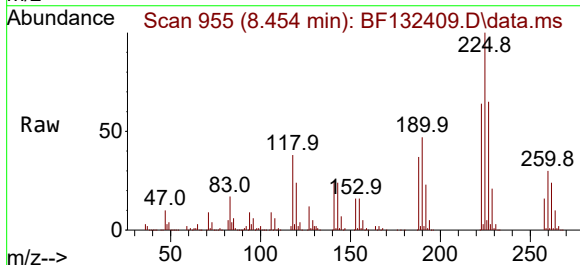
Instrument :
BNA_F
ClientSampleId :

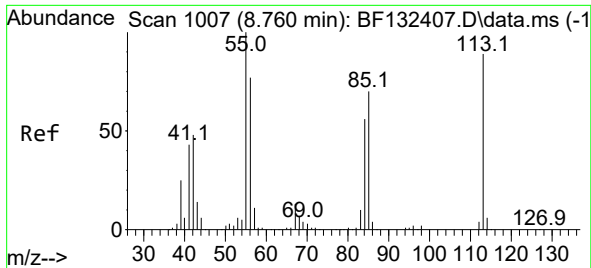
Tgt Ion:127	Resp: 362560
Ion Ratio	Lower Upper
127 100	
129 32.5	26.3 39.5
65 24.8	18.0 27.0
92 17.7	13.8 20.8



#34
Hexachlorobutadiene
Concen: 89.414 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:225	Resp: 253938		
Ion Ratio	Lower	Upper	
225 100			
223 63.8	50.2	75.4	
227 64.6	53.0	79.4	

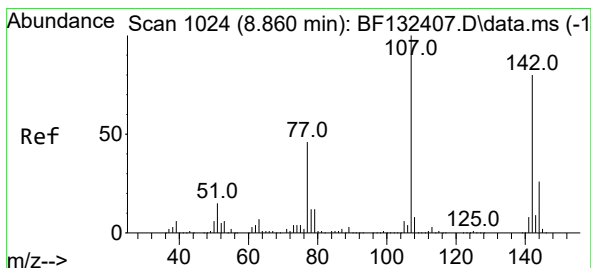
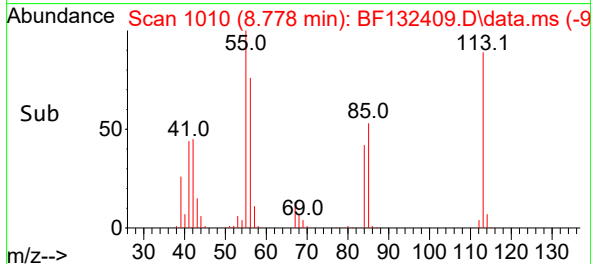
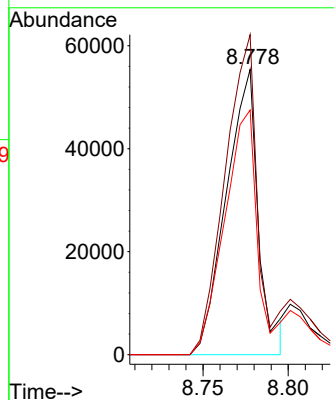
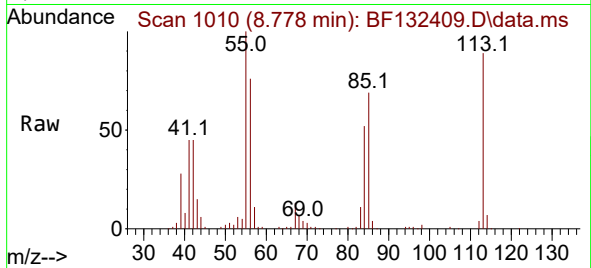




#35
Caprolactam
Concen: 44.905 ng
RT: 8.778 min Scan# 1010
Delta R.T. 0.017 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

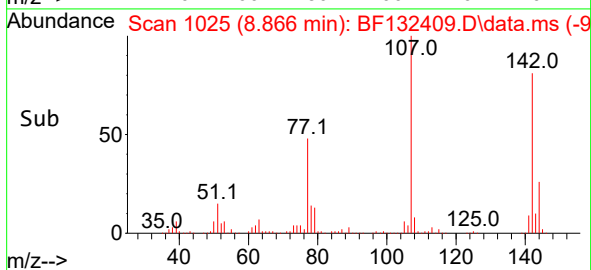
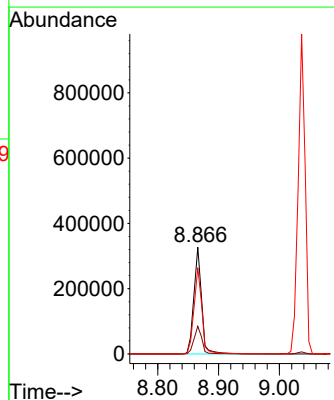
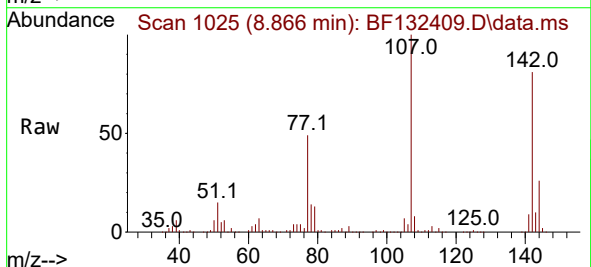
Instrument :
BNA_F
ClientSampleId :

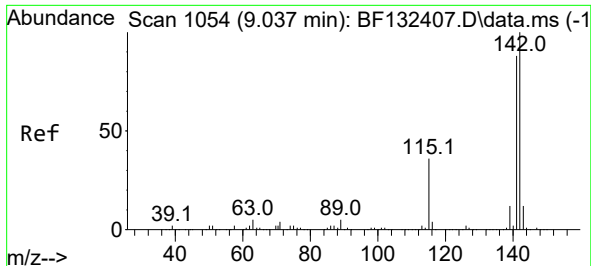
Tgt Ion:113 Resp: 72220
Ion Ratio Lower Upper
113 100
55 112.2 92.5 132.5
56 85.8 66.6 106.6



#36
4-Chloro-3-methylphenol
Concen: 57.577 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

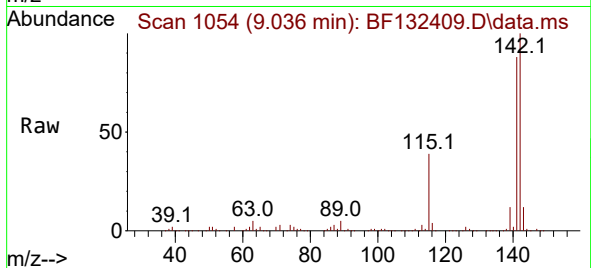
Tgt Ion:107 Resp: 292629
Ion Ratio Lower Upper
107 100
144 25.9 20.8 31.2
142 80.8 63.9 95.9



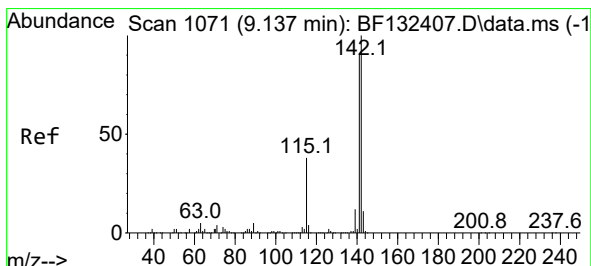
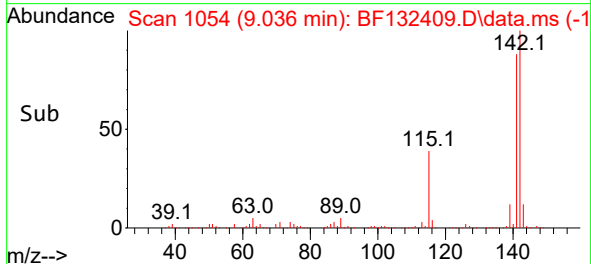
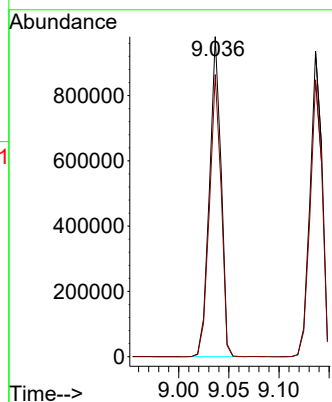


#37
2-Methylnaphthalene
Concen: 69.501 ng
RT: 9.036 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

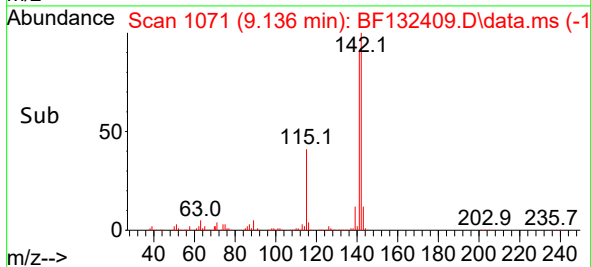
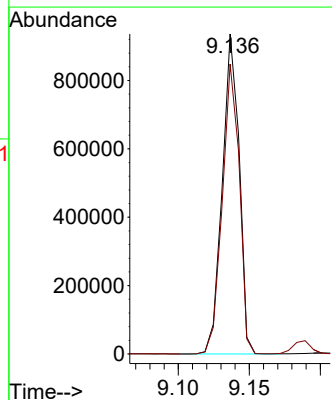
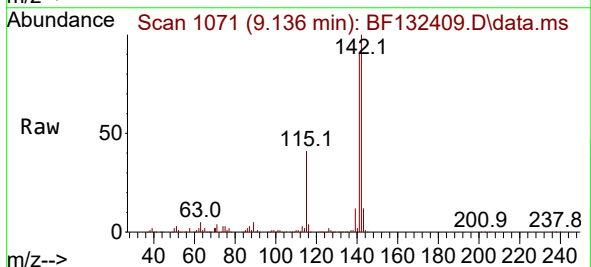


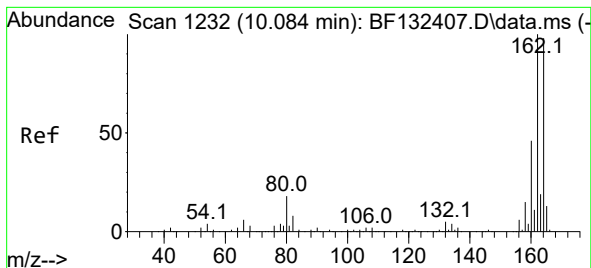
Tgt Ion:142 Resp: 786672
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0



#38
1-Methylnaphthalene
Concen: 73.384 ng
RT: 9.136 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:142 Resp: 771905
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.089 min Scan# 1233

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

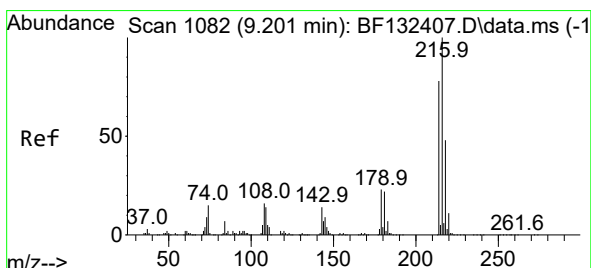
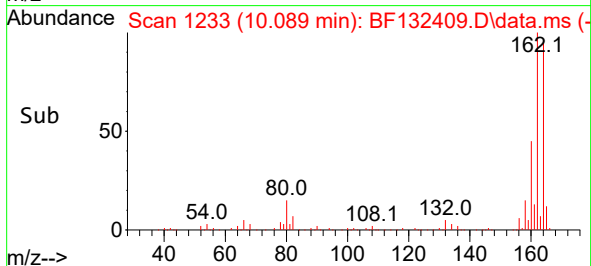
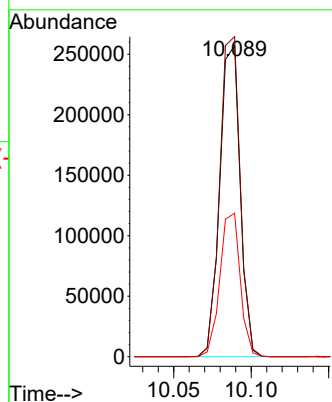
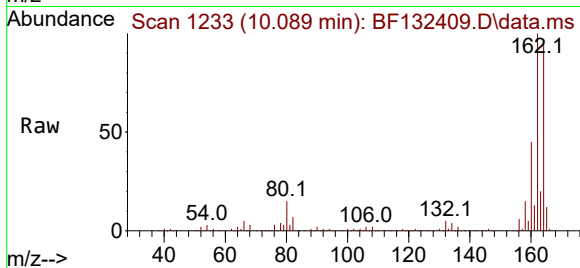
Tgt Ion:164 Resp: 235976

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 46.1 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.917 ng

RT: 9.201 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Tgt Ion:216 Resp: 391249

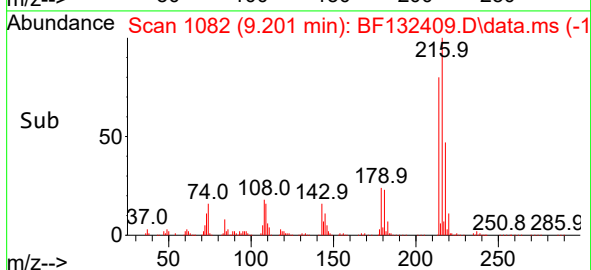
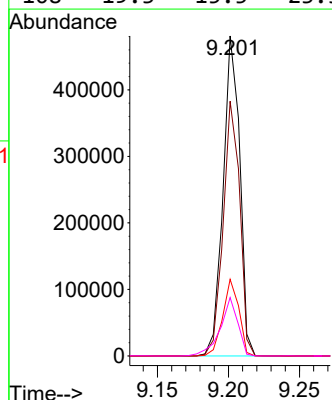
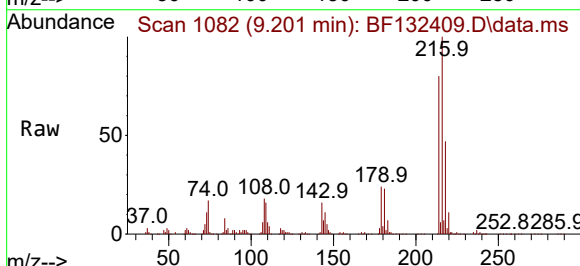
Ion Ratio Lower Upper

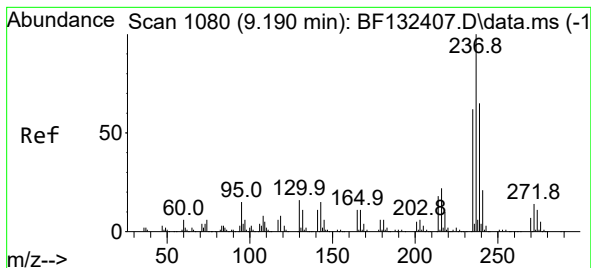
216 100

214 79.0 63.0 94.4

179 23.2 18.1 27.1

108 19.3 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 67.543 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

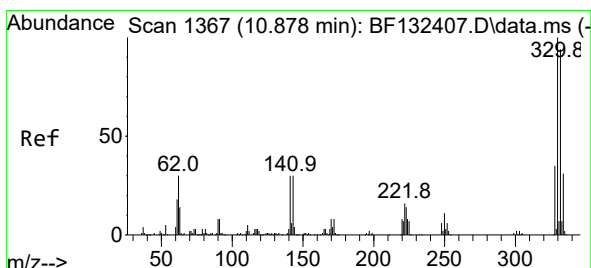
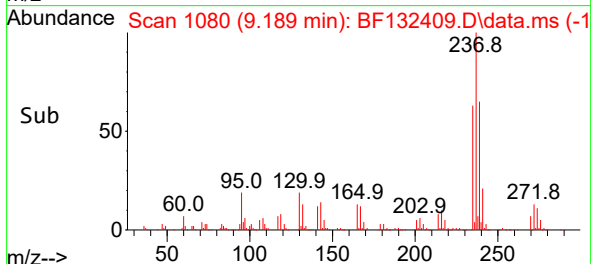
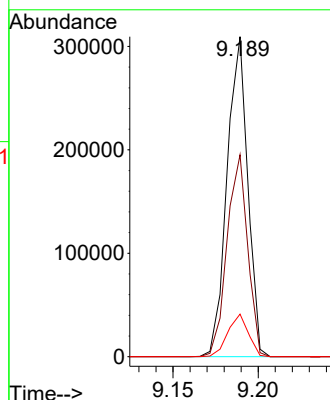
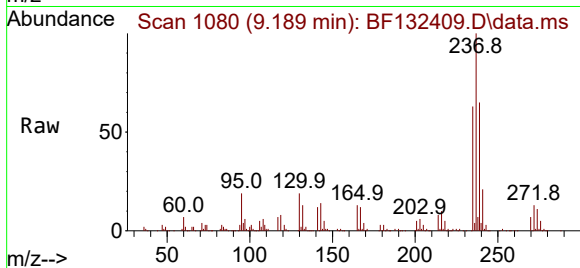
Tgt Ion:237 Resp: 261685

Ion Ratio Lower Upper

237 100

235 63.1 42.4 82.4

272 13.3 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 155.291 ng

RT: 10.883 min Scan# 1368

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

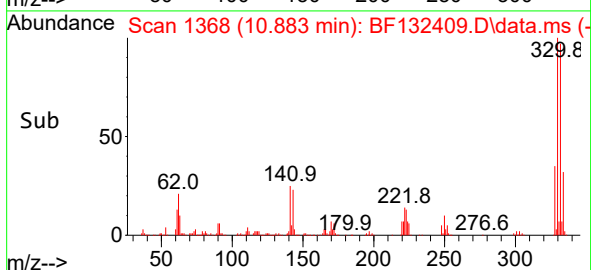
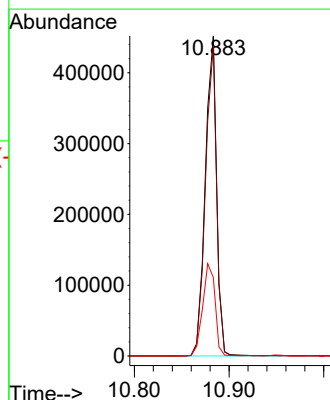
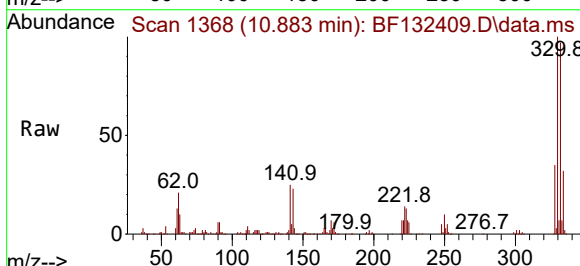
Tgt Ion:330 Resp: 376844

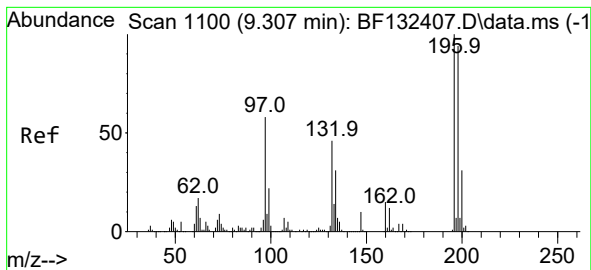
Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 31.6 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 60.447 ng

RT: 9.313 min Scan# 1101

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

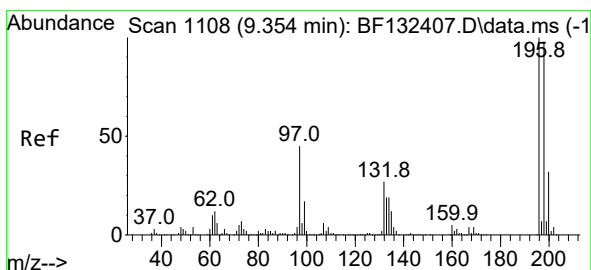
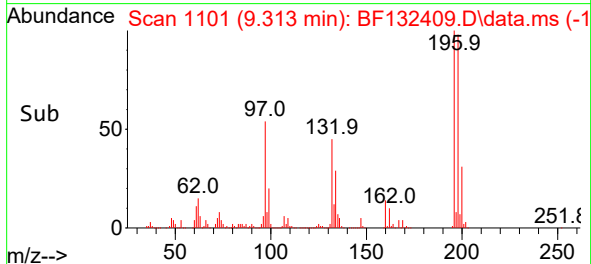
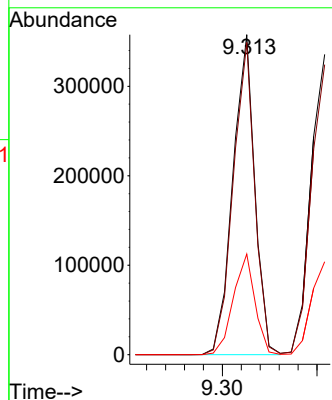
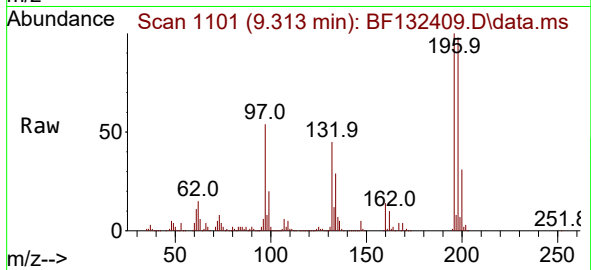
Tgt Ion:196 Resp: 286936

Ion Ratio Lower Upper

196 100

198 97.5 75.1 112.7

200 31.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 59.206 ng

RT: 9.354 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Tgt Ion:196 Resp: 323483

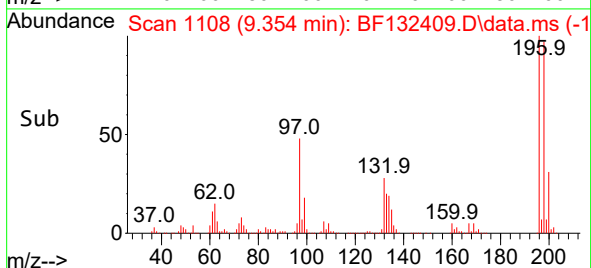
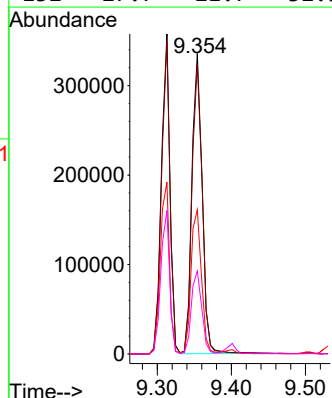
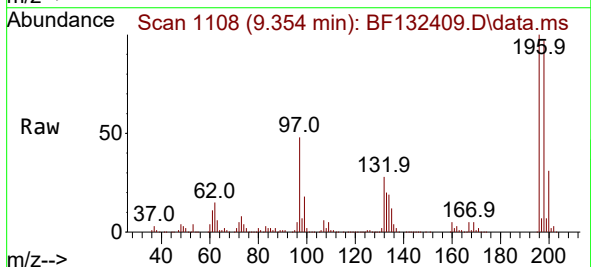
Ion Ratio Lower Upper

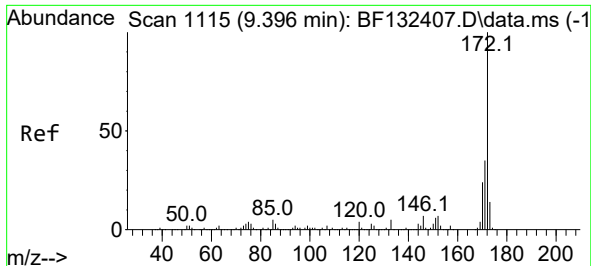
196 100

198 96.6 78.0 117.0

97 48.0 35.6 53.4

132 27.7 21.7 32.5

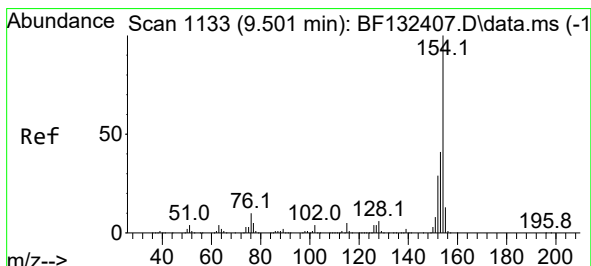
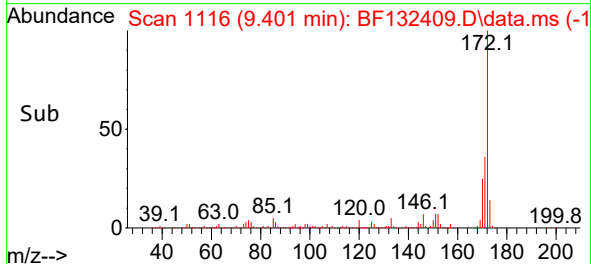
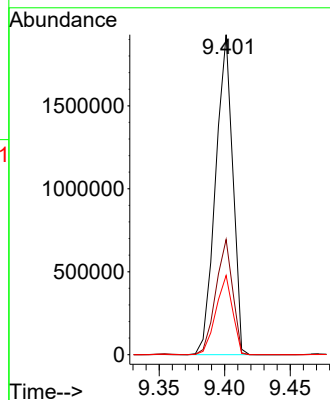
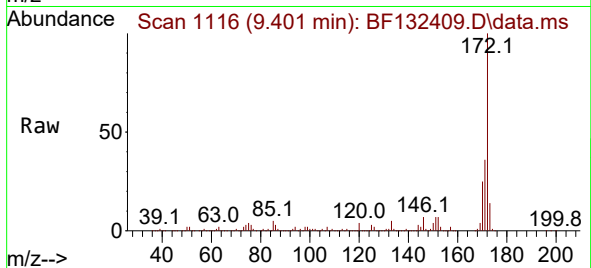




#45
2-Fluorobiphenyl
Concen: 114.768 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

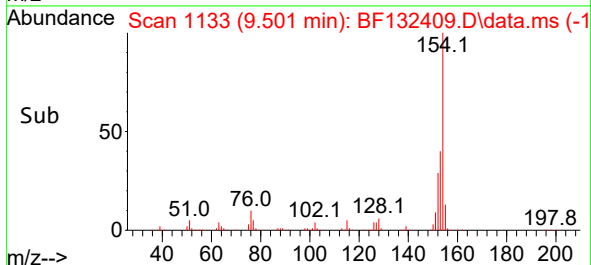
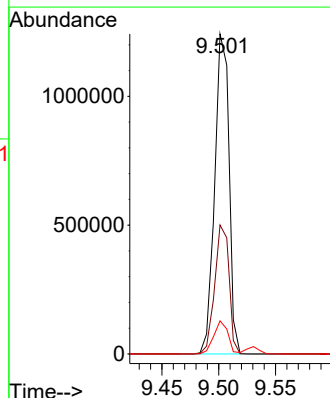
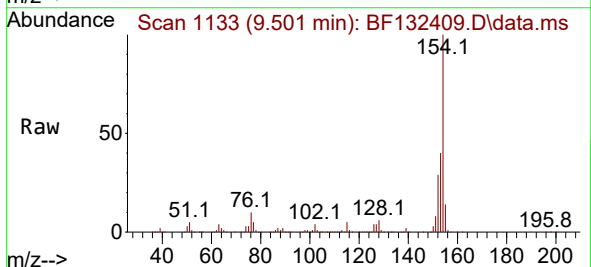
Instrument :
BNA_F
ClientSampleId :

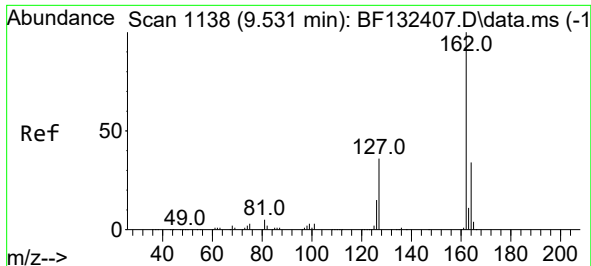
Tgt Ion:172 Resp: 1753768
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.8 19.3 28.9



#46
1,1'-Biphenyl
Concen: 59.933 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:154 Resp: 1090325
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 10.3 0.0 29.8

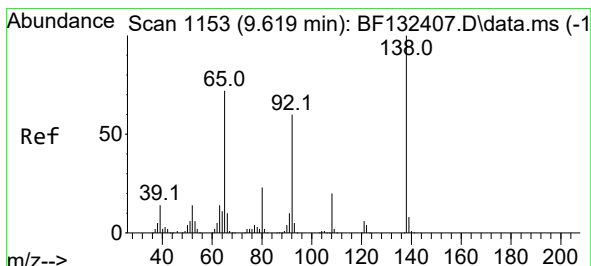
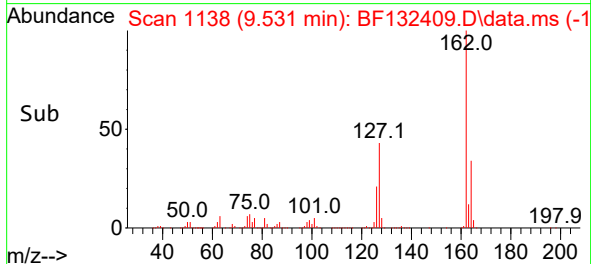
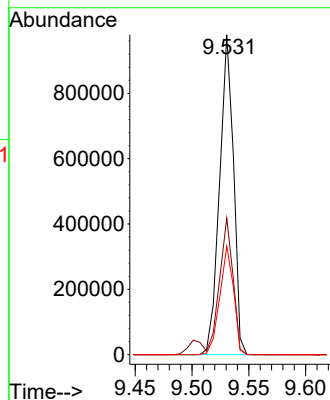
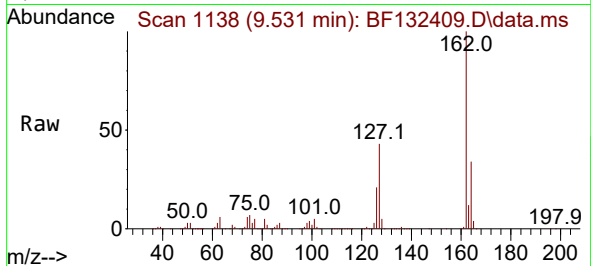




#47
2-Chloronaphthalene
Concen: 60.409 ng
RT: 9.531 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

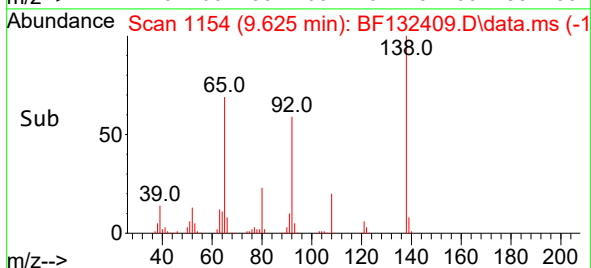
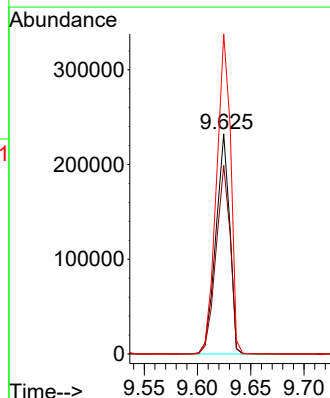
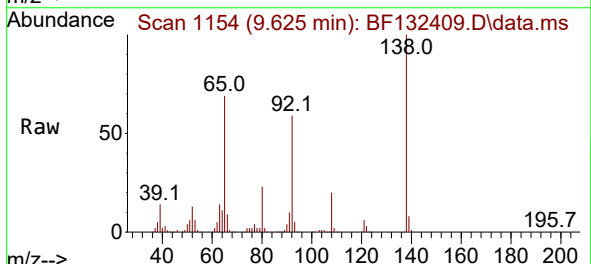
Instrument :
BNA_F
ClientSampleId :

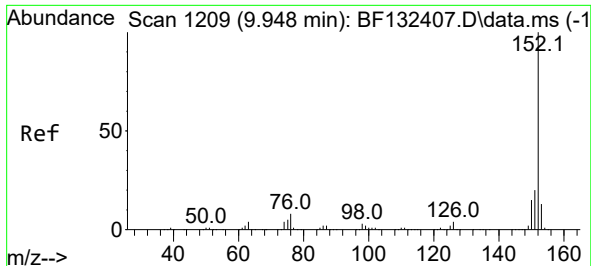
Tgt Ion:162 Resp: 837047
Ion Ratio Lower Upper
162 100
127 42.7 31.6 47.4
164 33.8 26.8 40.2



#48
2-Nitroaniline
Concen: 50.975 ng
RT: 9.625 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 65 Resp: 210065
Ion Ratio Lower Upper
65 100
92 85.7 67.2 100.8
138 145.4 111.2 166.8





#49

Acenaphthylene

Concen: 59.305 ng

RT: 9.948 min Scan# 1183

Delta R.T. -0.000 min

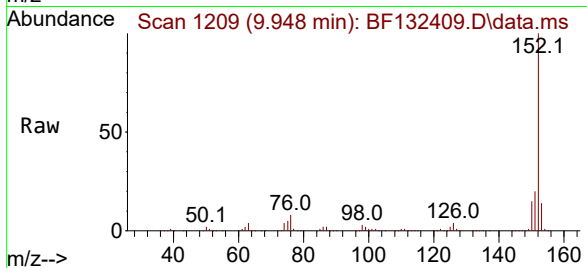
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



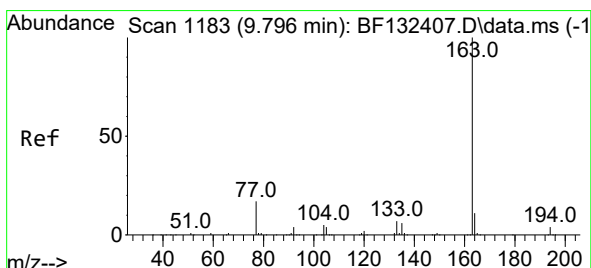
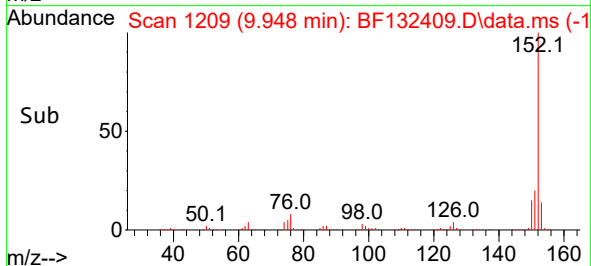
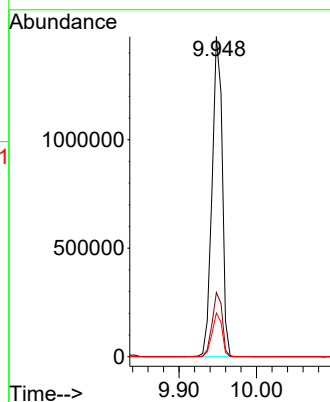
Tgt Ion:152 Resp: 1341144

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 62.647 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

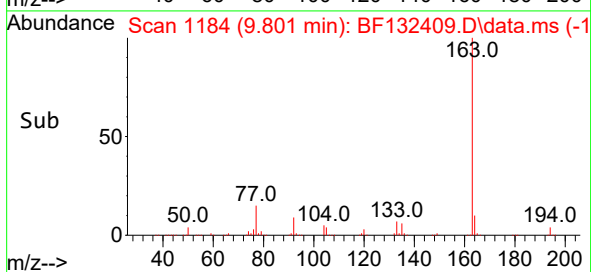
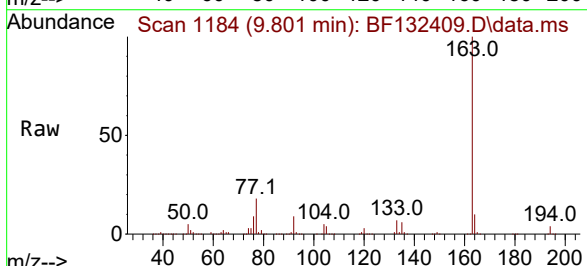
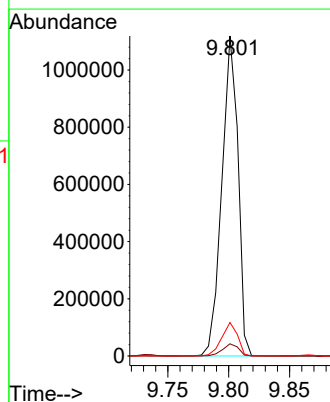
Tgt Ion:163 Resp: 1034086

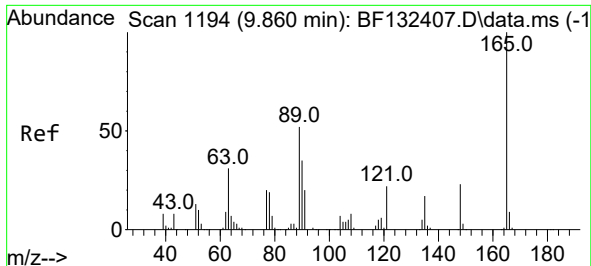
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

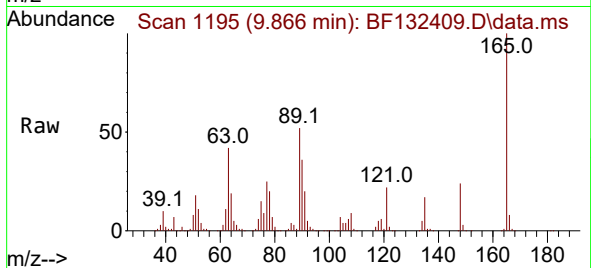
164 10.4 8.5 12.7



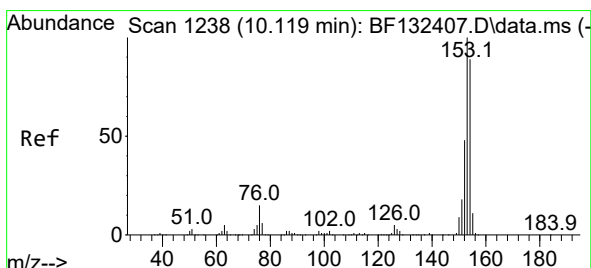
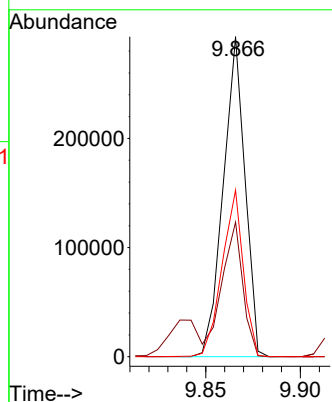
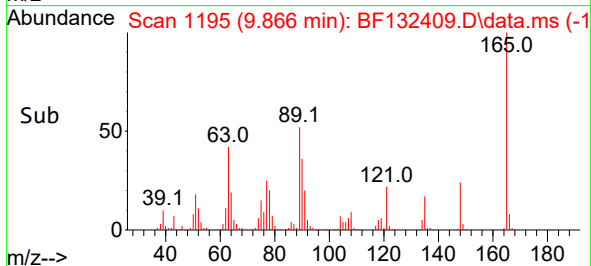


#51
2,6-Dinitrotoluene
Concen: 63.501 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

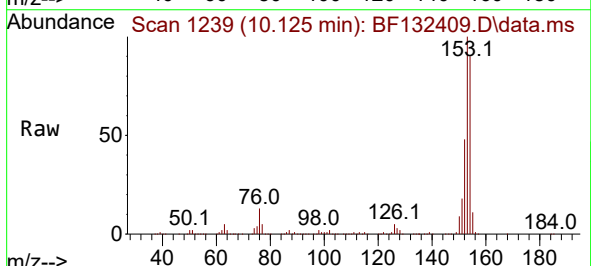
Instrument :
BNA_F
ClientSampleId :



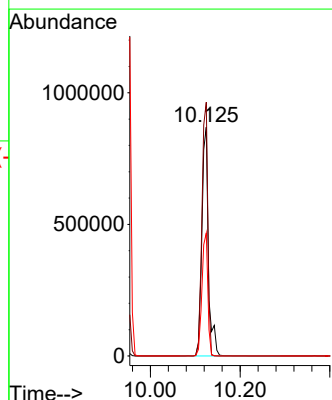
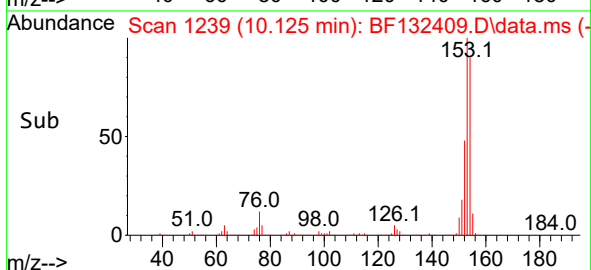
Tgt Ion:165 Resp: 234100
Ion Ratio Lower Upper
165 100
63 42.1 34.0 51.0
89 52.1 41.8 62.6

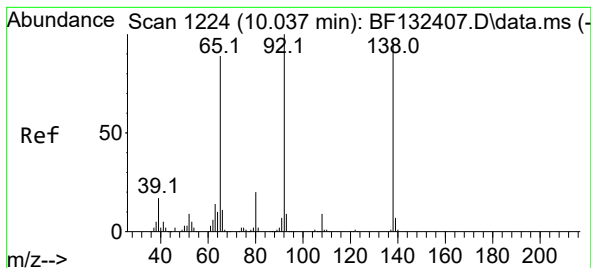


#52
Acenaphthene
Concen: 61.875 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion:154 Resp: 876024
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 53.7 42.7 64.1

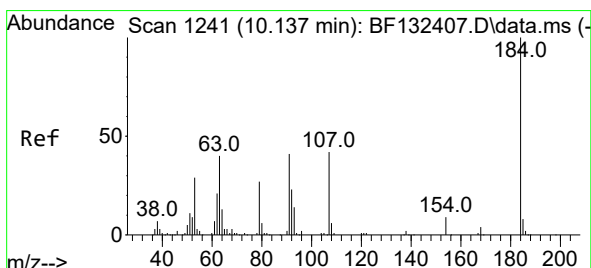
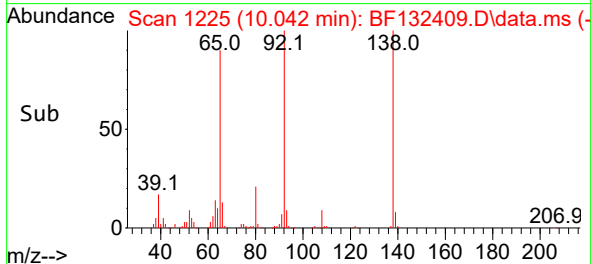
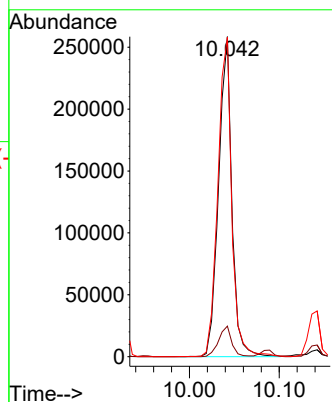
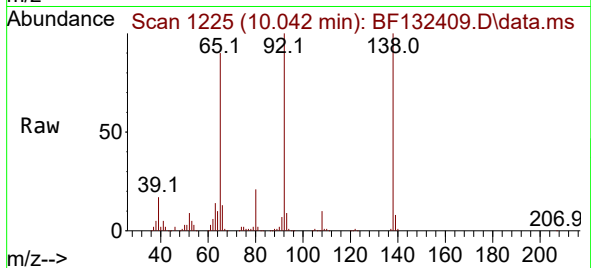




#53
3-Nitroaniline
Concen: 59.411 ng
RT: 10.042 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

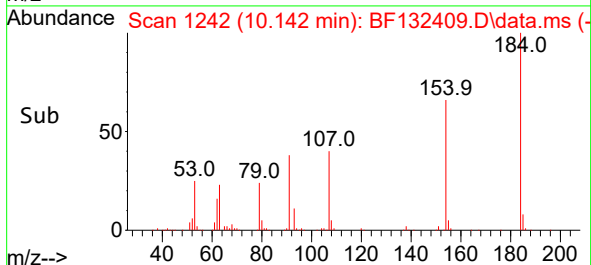
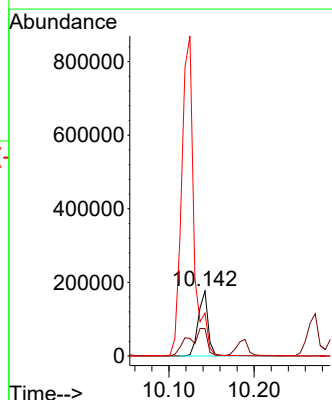
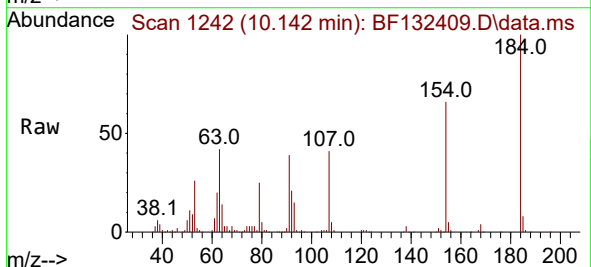
Instrument :
BNA_F
ClientSampleId :

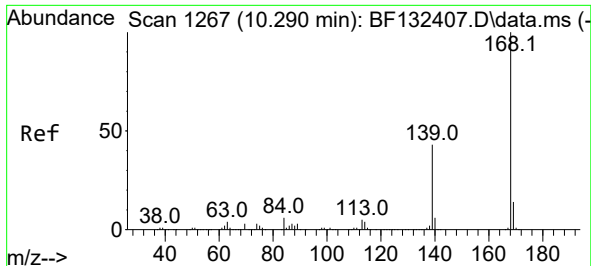
Tgt Ion:138 Resp: 265610
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 99.8 83.7 125.5



#54
2,4-Dinitrophenol
Concen: 75.262 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

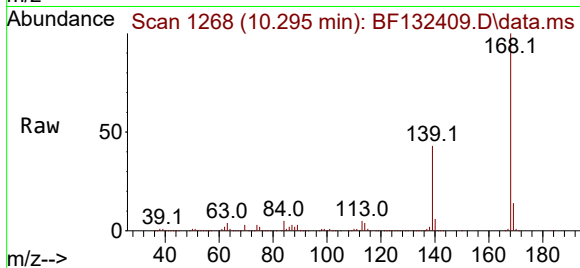
Tgt Ion:184 Resp: 143103
Ion Ratio Lower Upper
184 100
63 42.2 36.2 54.2
154 66.0 51.4 77.0



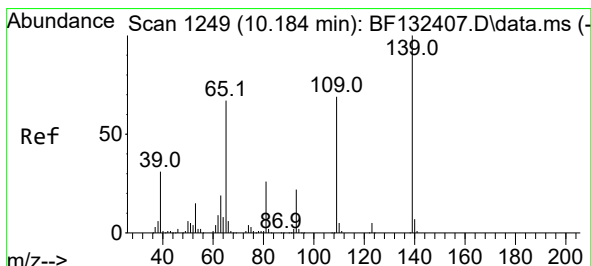
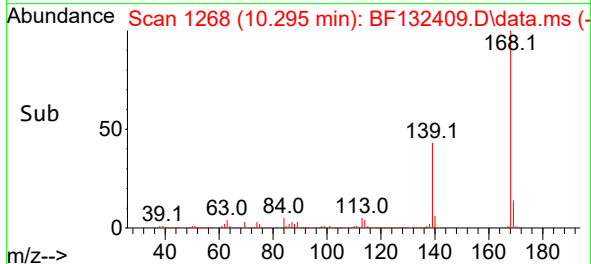
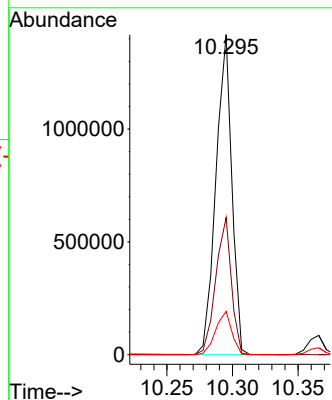


#55
Dibenzenofuran
Concen: 59.990 ng
RT: 10.295 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

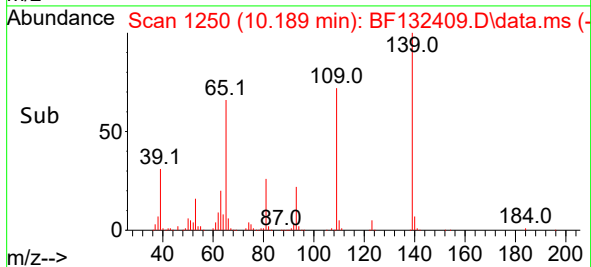
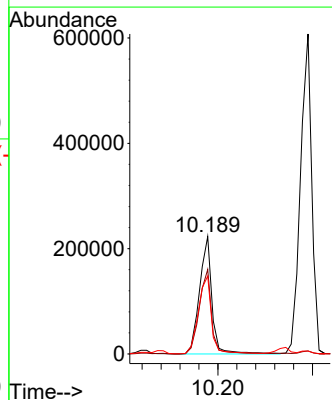
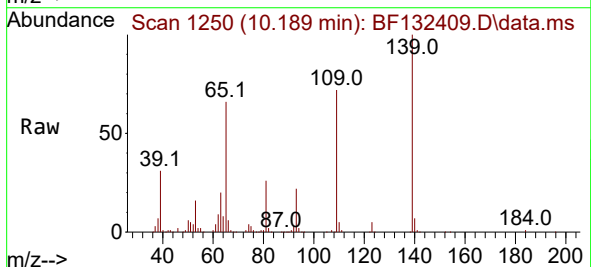


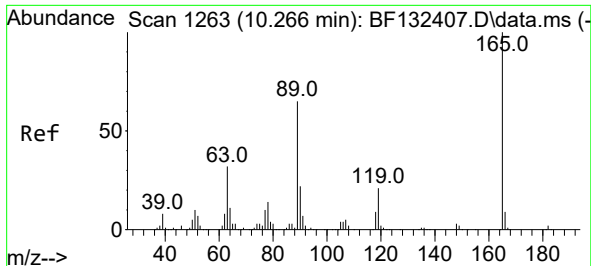
Tgt Ion:168 Resp: 1193333
Ion Ratio Lower Upper
168 100
139 42.8 34.6 52.0
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 61.050 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:139 Resp: 205387
Ion Ratio Lower Upper
139 100
109 71.9 49.4 89.4
65 66.4 47.6 87.6





#57

2,4-Dinitrotoluene

Concen: 65.077 ng

RT: 10.272 min Scan# 1264

Delta R.T. 0.005 min

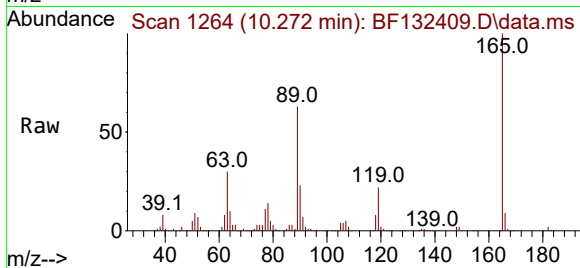
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 311644

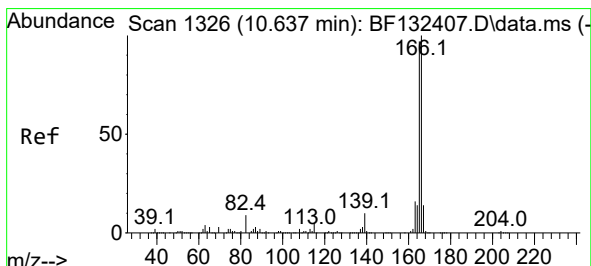
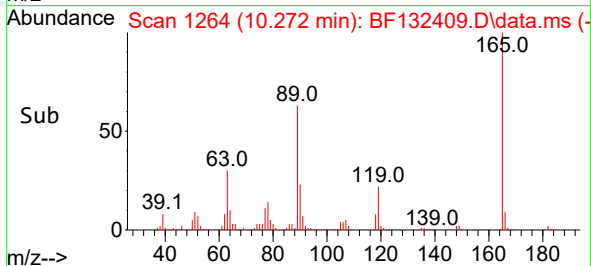
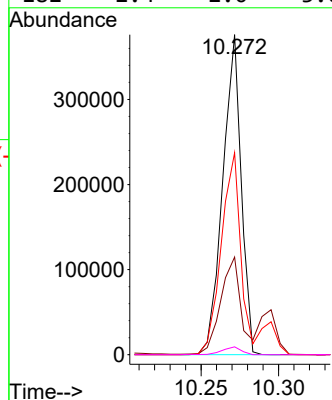
Ion Ratio Lower Upper

165 100

63 30.5 25.4 38.2

89 63.1 52.2 78.2

182 2.4 2.0 3.0



#58

Fluorene

Concen: 60.192 ng

RT: 10.642 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

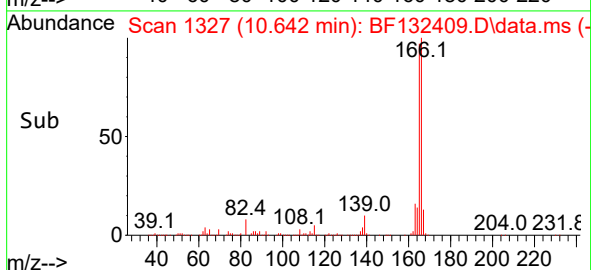
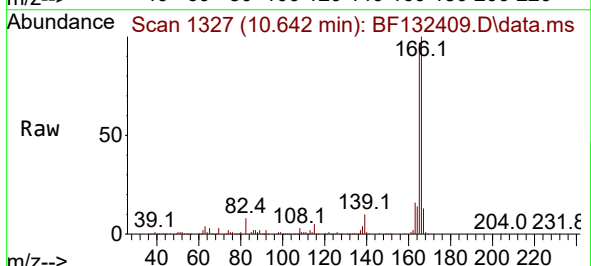
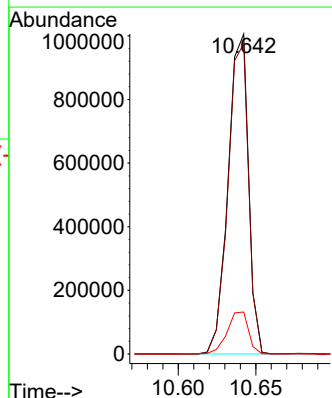
Tgt Ion:166 Resp: 921492

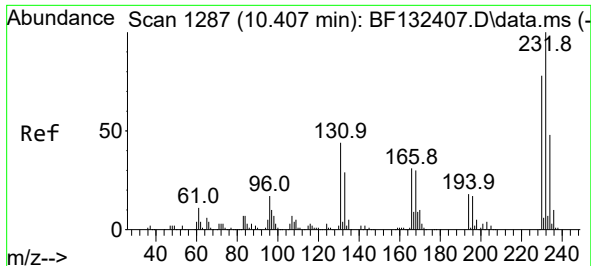
Ion Ratio Lower Upper

166 100

165 97.0 77.5 116.3

167 13.1 10.9 16.3

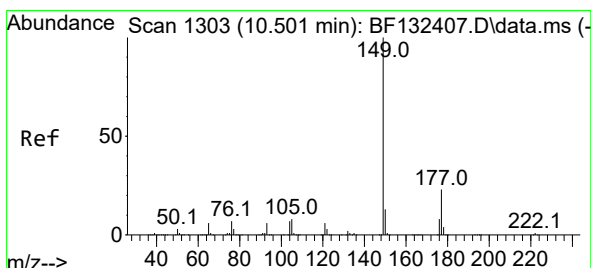
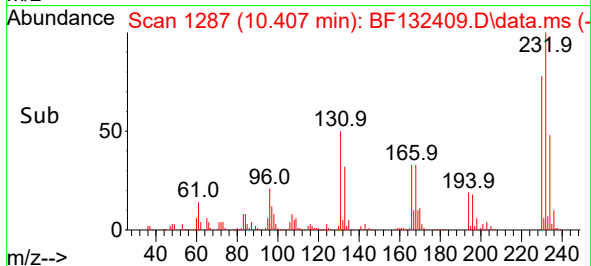
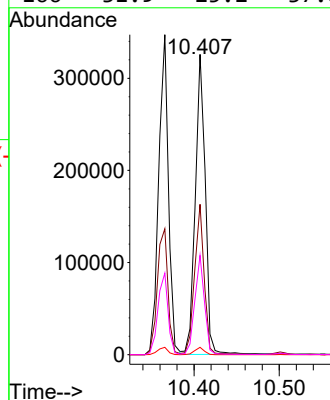
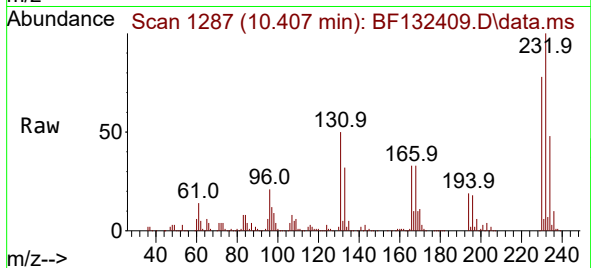




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.613 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

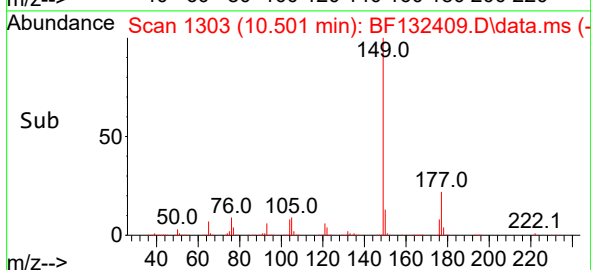
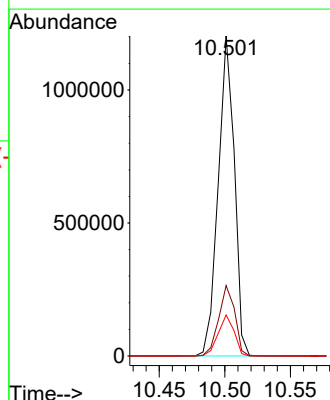
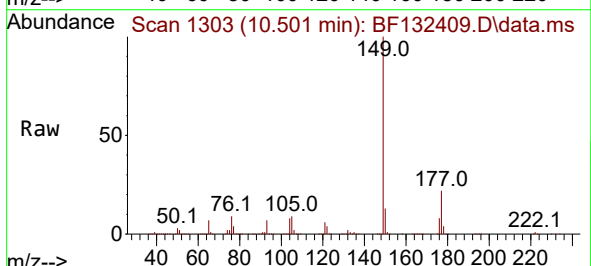
Instrument :
BNA_F
ClientSampleId :

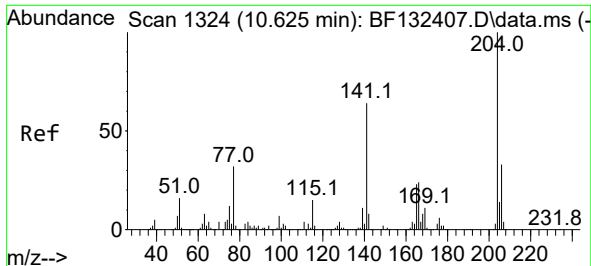
Tgt Ion:232 Resp: 265325
Ion Ratio Lower Upper
232 100
131 48.1 37.9 56.9
130 2.3 1.9 2.9
166 31.9 25.2 37.8



#60
Diethylphthalate
Concen: 62.506 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

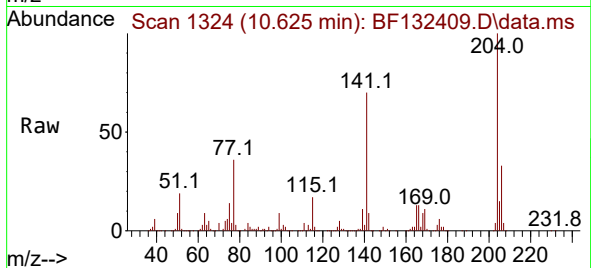
Tgt Ion:149 Resp: 1026417
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.8 10.1 15.1



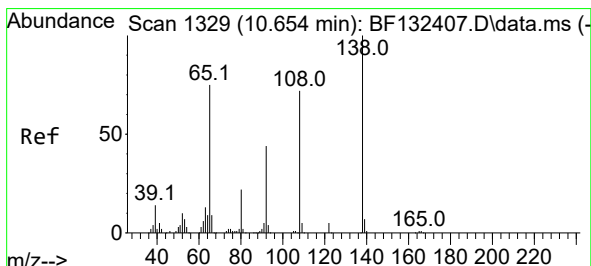
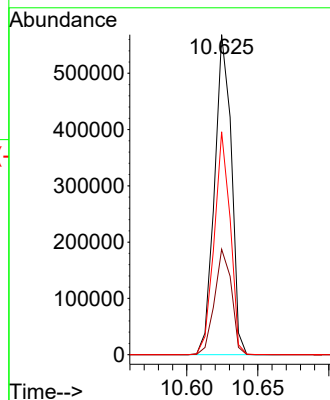
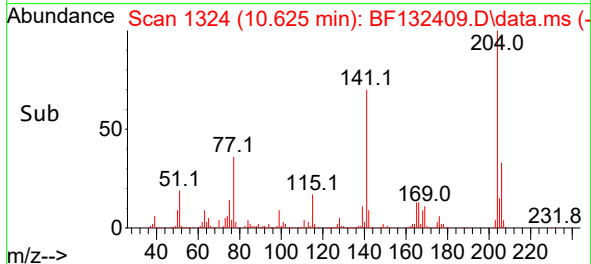


#61
4-Chlorophenyl-phenylether
Concen: 64.359 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

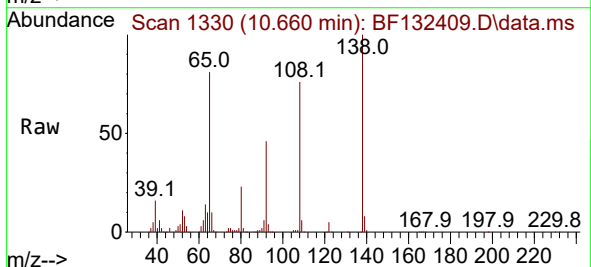
Instrument :
BNA_F
ClientSampleId :



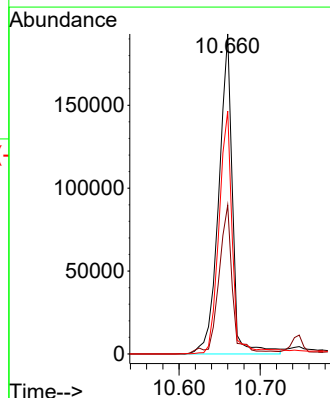
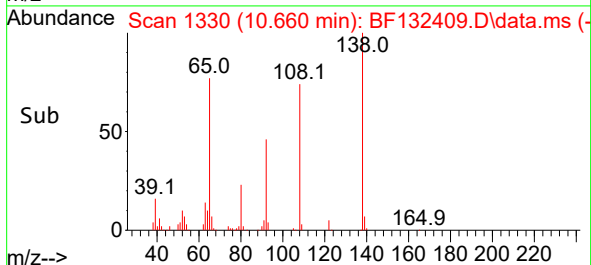
Tgt Ion:204 Resp: 467601
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 69.6 50.9 76.3

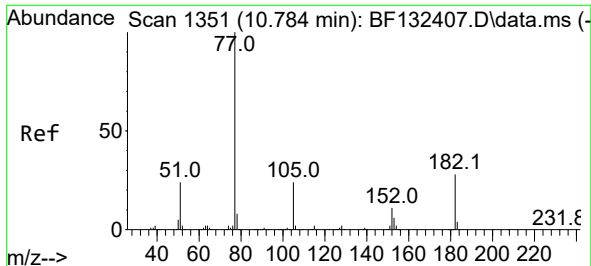


#62
4-Nitroaniline
Concen: 53.062 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



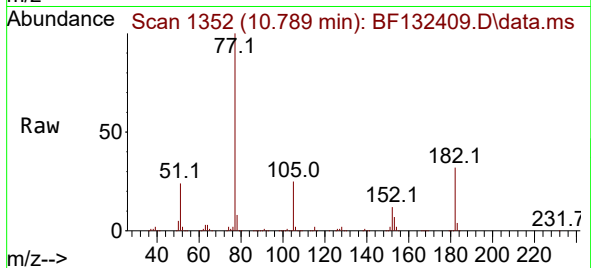
Tgt Ion:138 Resp: 227487
Ion Ratio Lower Upper
138 100
92 46.5 24.3 64.3
108 75.9 52.4 92.4



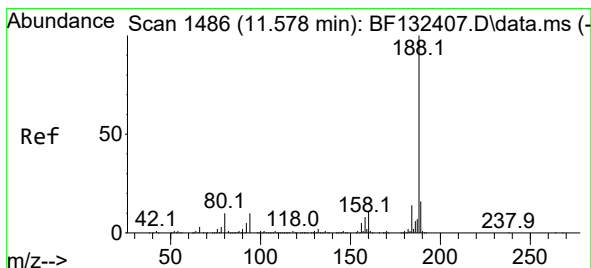
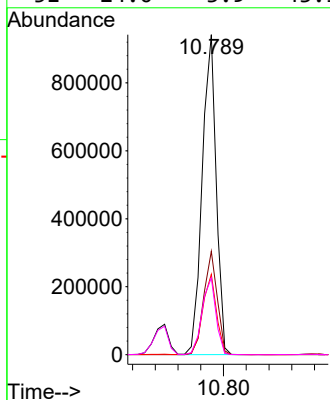
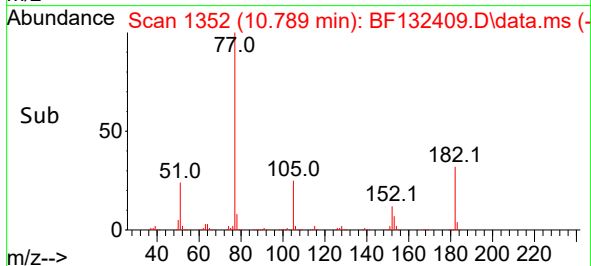


#63
Azobenzene
Concen: 50.238 ng
RT: 10.789 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

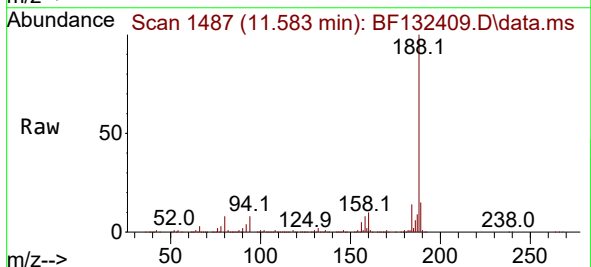
Instrument :
BNA_F
ClientSampleId :



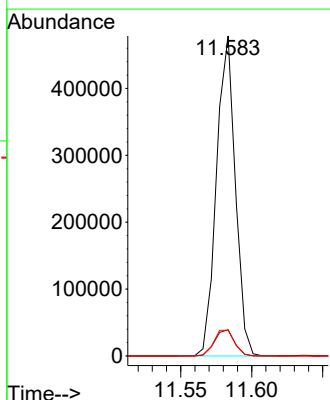
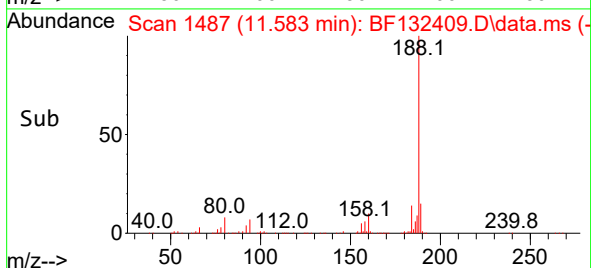
Tgt Ion: 77 Resp: 803557
Ion Ratio Lower Upper
77 100
182 32.3 8.3 48.3
105 25.1 3.9 43.9
51 24.0 3.9 43.9

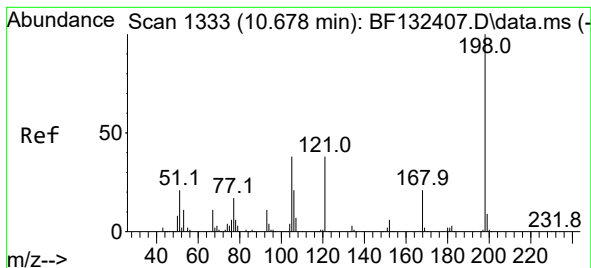


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34



Tgt Ion: 188 Resp: 440421
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.1 7.6 11.4

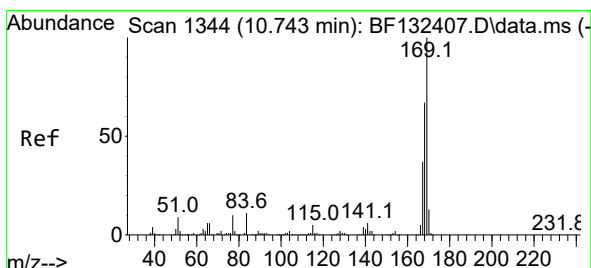
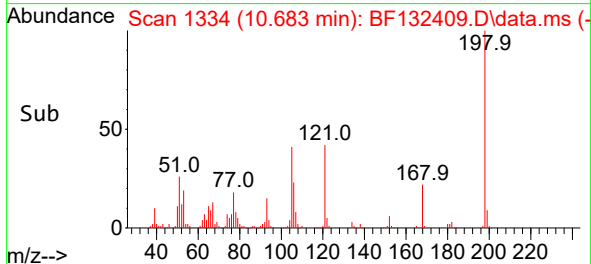
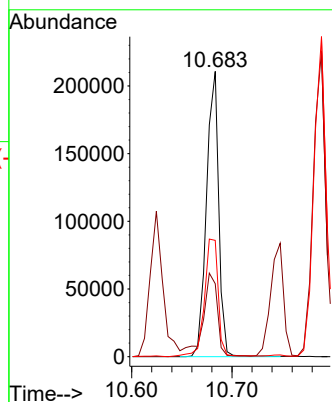
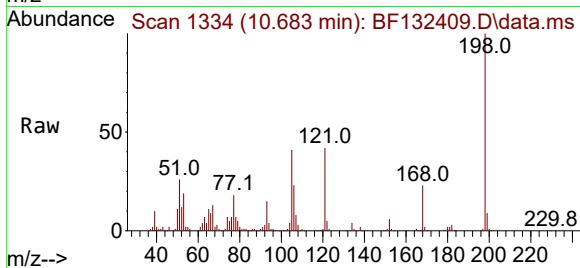




#65
4,6-Dinitro-2-methylphenol
Concen: 71.742 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

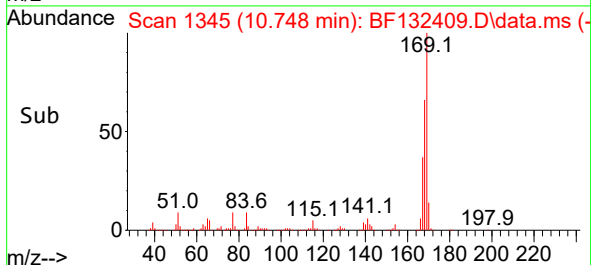
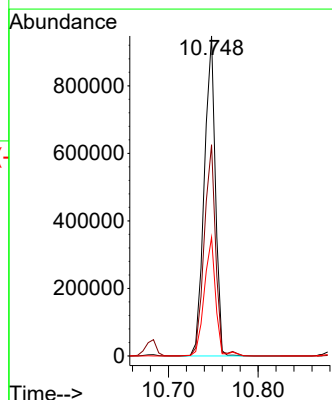
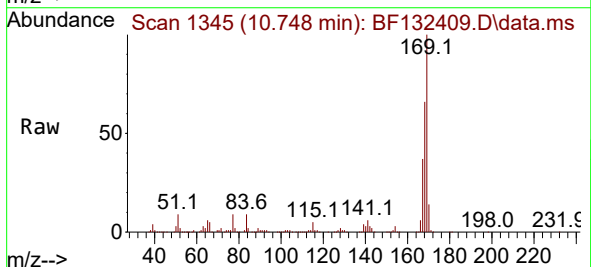
Instrument :
BNA_F
ClientSampleId :

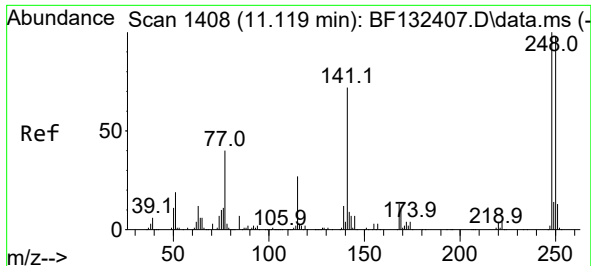
Tgt Ion:198 Resp: 179329
Ion Ratio Lower Upper
198 100
51 25.6 4.6 44.6
105 40.8 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 59.045 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:169 Resp: 814298
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 37.1 29.2 43.8

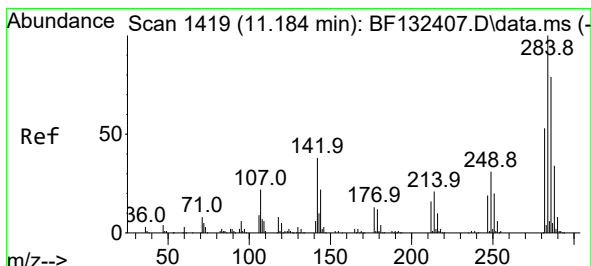
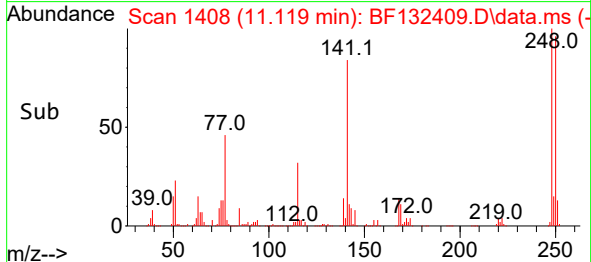
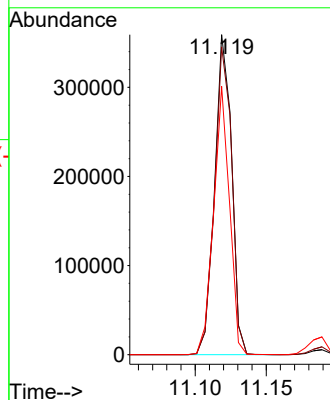
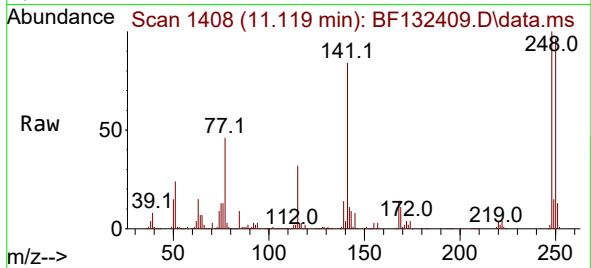




#67
4-Bromophenyl-phenylether
Concen: 66.497 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

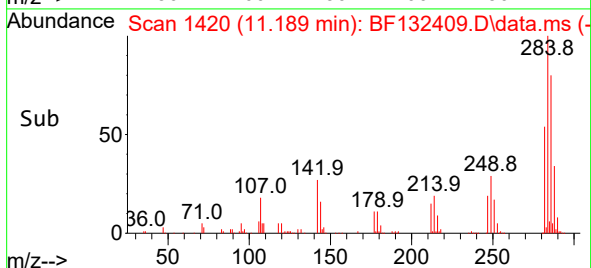
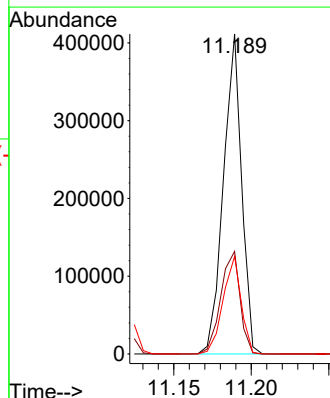
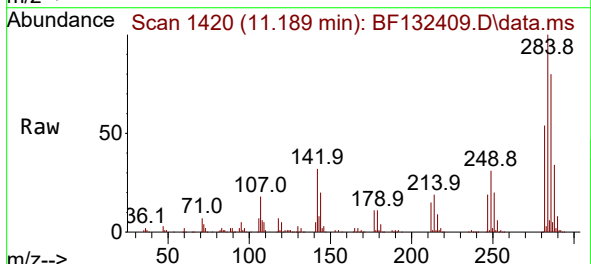
Instrument :
BNA_F
ClientSampleId :

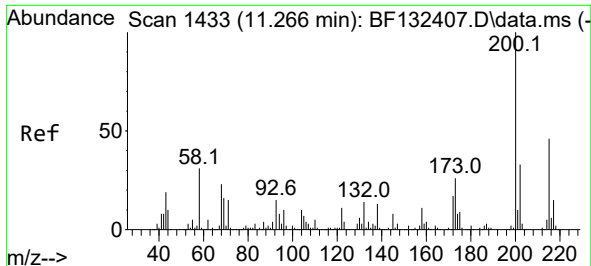
Tgt Ion:248 Resp: 299893
Ion Ratio Lower Upper
248 100
250 96.2 78.1 117.1
141 83.8 57.9 86.9



#68
Hexachlorobenzene
Concen: 69.417 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:284 Resp: 334613
Ion Ratio Lower Upper
284 100
142 32.1 30.1 45.1
249 30.5 25.0 37.4

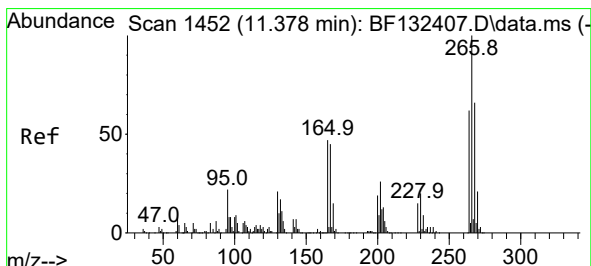
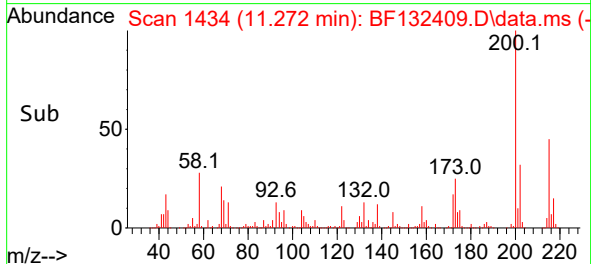
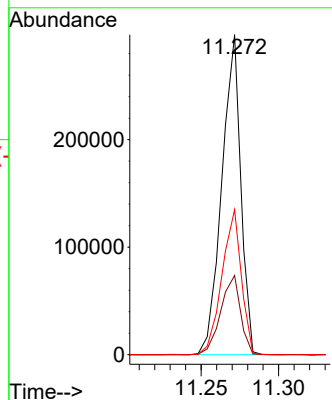
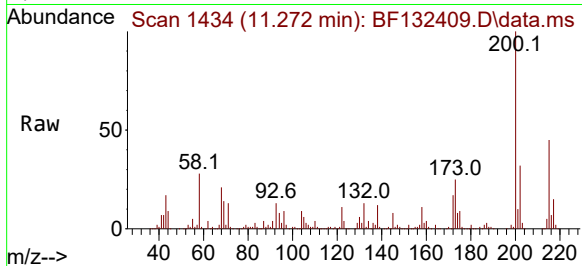




#69
 Atrazine
 Concen: 63.636 ng
 RT: 11.272 min Scan# 1434
 Delta R.T. 0.005 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

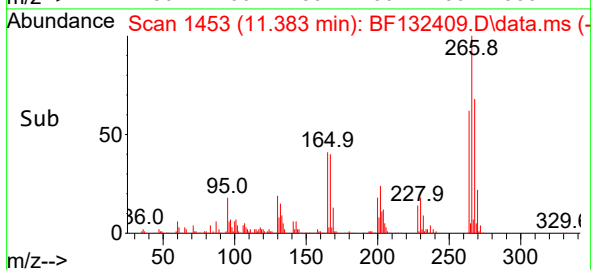
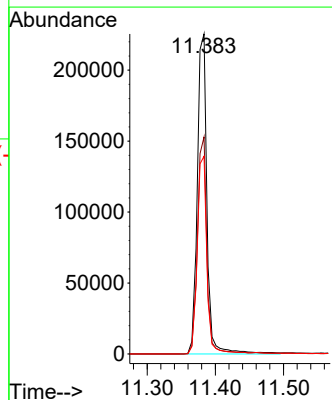
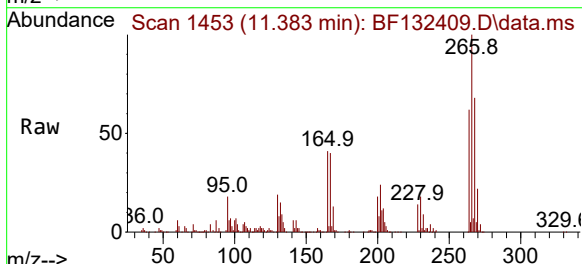
Instrument :
 BNA_F
 ClientSampleId :

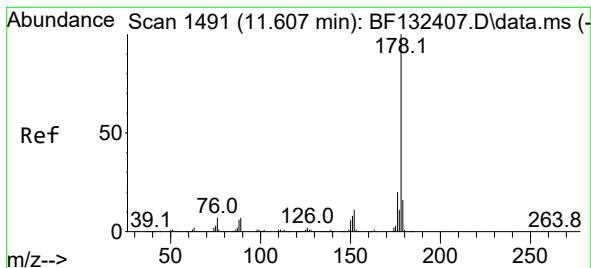
Tgt Ion:200 Resp: 252432
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.3 46.3
 215 45.3 26.1 66.1



#70
 Pentachlorophenol
 Concen: 67.161 ng
 RT: 11.383 min Scan# 1453
 Delta R.T. 0.006 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

Tgt Ion:266 Resp: 222438
 Ion Ratio Lower Upper
 266 100
 268 67.8 53.0 79.4
 264 61.8 49.6 74.4





#71

Phenanthrene

Concen: 59.073 ng

RT: 11.613 min Scan# 1491

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

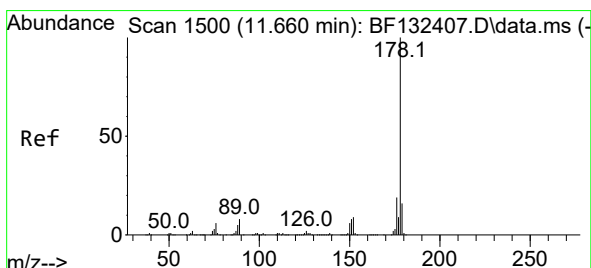
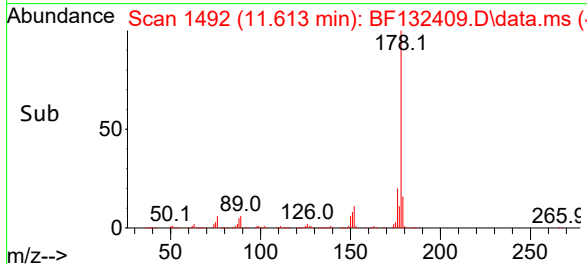
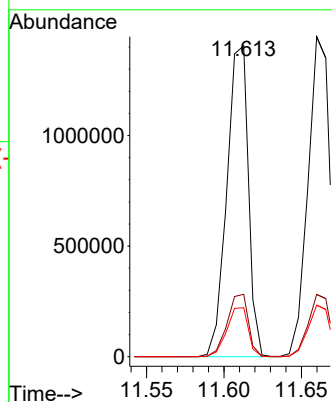
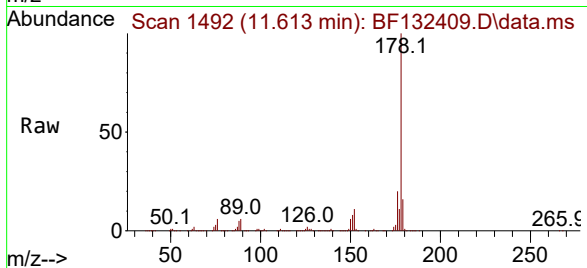
Tgt Ion:178 Resp: 1359541

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

179 15.7 12.6 19.0



#72

Anthracene

Concen: 59.694 ng

RT: 11.660 min Scan# 1500

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

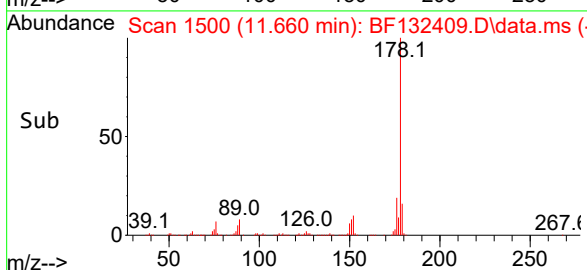
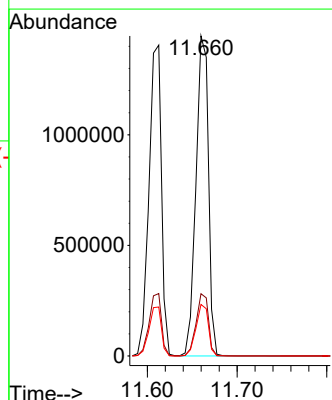
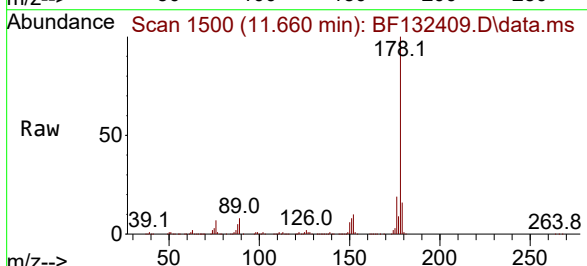
Tgt Ion:178 Resp: 1398128

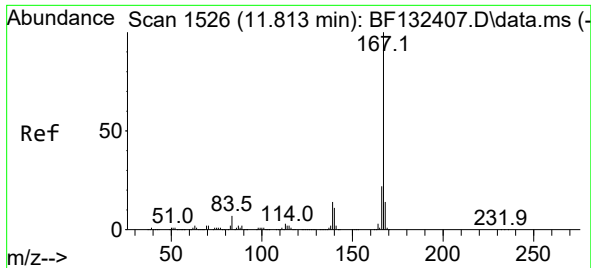
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

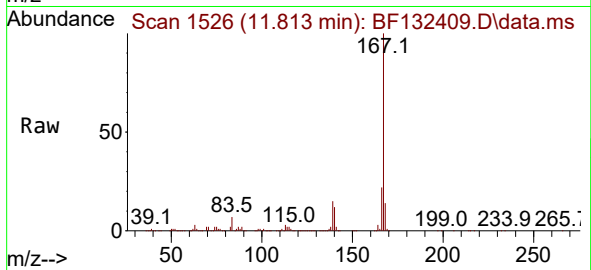
179 16.1 12.6 19.0





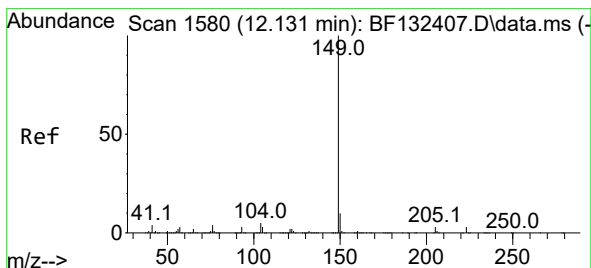
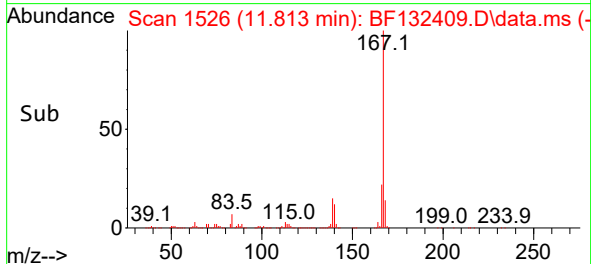
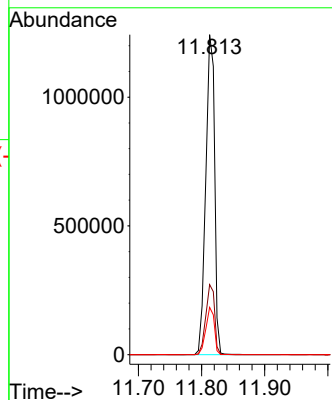
#73
 Carbazole
 Concen: 57.825 ng
 RT: 11.813 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1214374

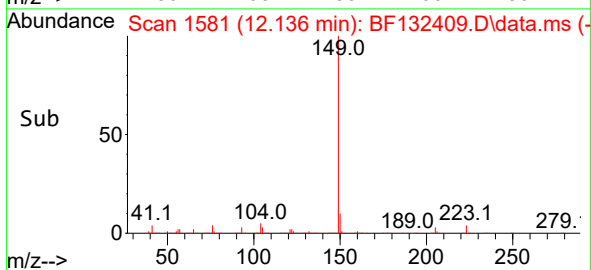
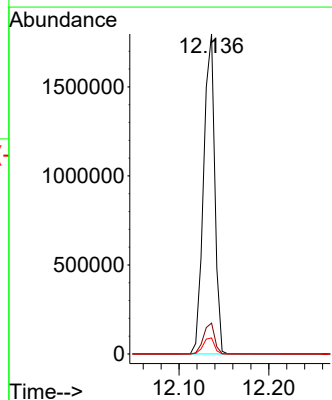
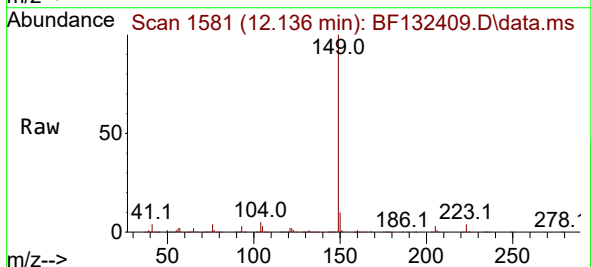
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.8	11.3	16.9

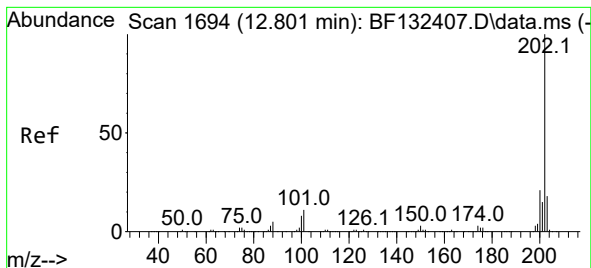


#74
 Di-n-butylphthalate
 Concen: 62.467 ng
 RT: 12.136 min Scan# 1581
 Delta R.T. 0.005 min
 Lab File: BF132409.D
 Acq: 13 Feb 2023 14:34

Tgt Ion:149 Resp: 1550934

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 60.824 ng

RT: 12.807 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

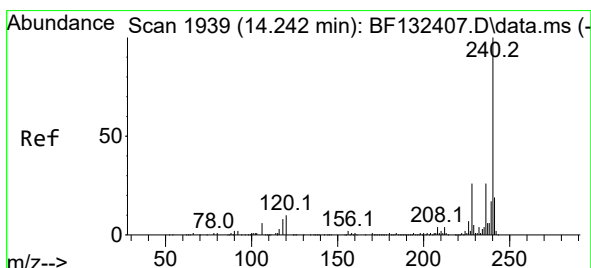
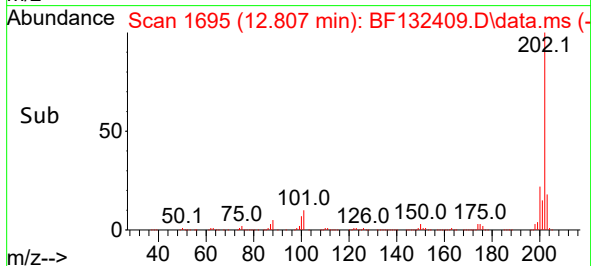
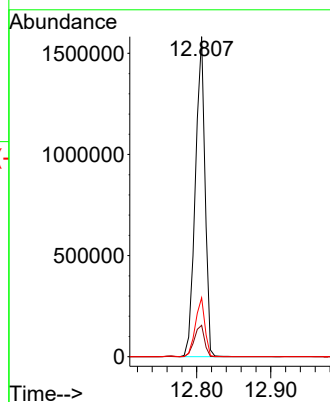
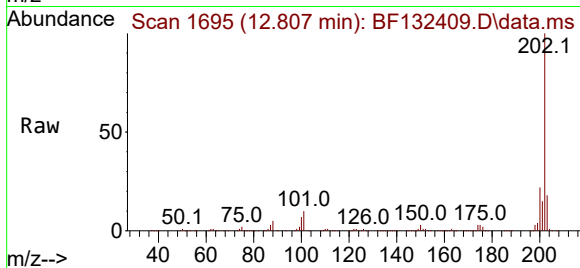
Tgt Ion:202 Resp: 1428507

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.0

203 18.4 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

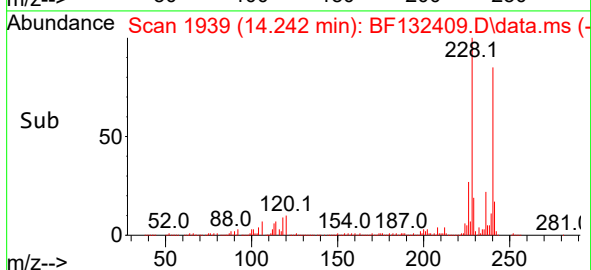
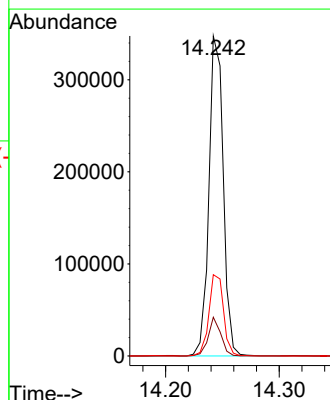
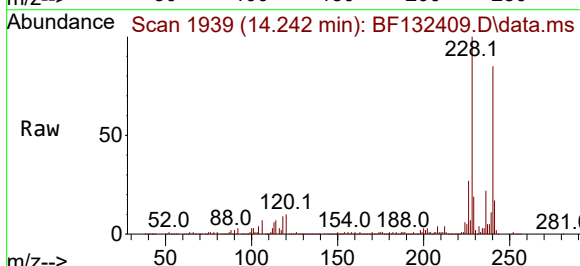
Tgt Ion:240 Resp: 303474

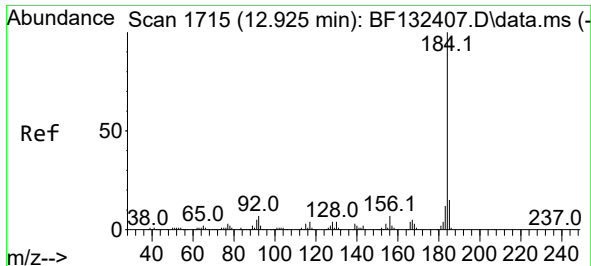
Ion Ratio Lower Upper

240 100

120 12.1 7.7 11.5#

236 25.4 21.1 31.7

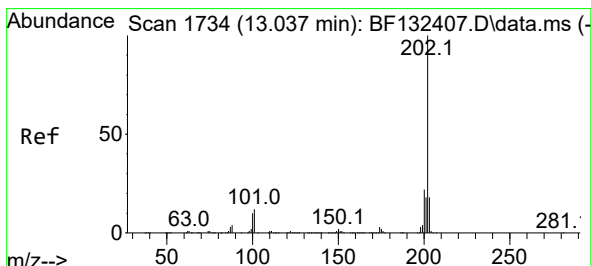
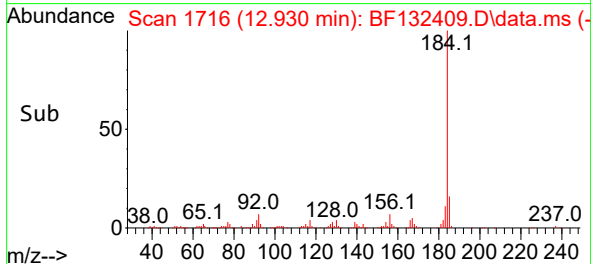
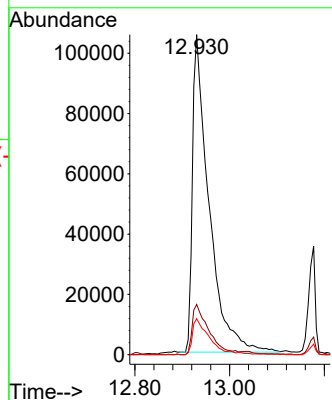
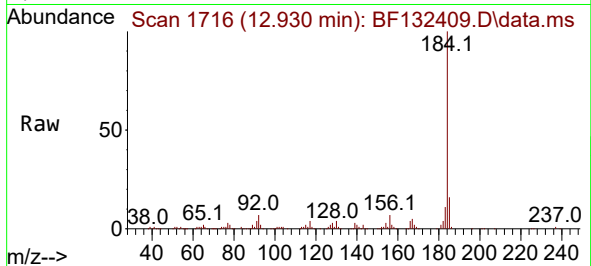




#77
Benzidine
Concen: 24.004 ng
RT: 12.930 min Scan# 1715
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

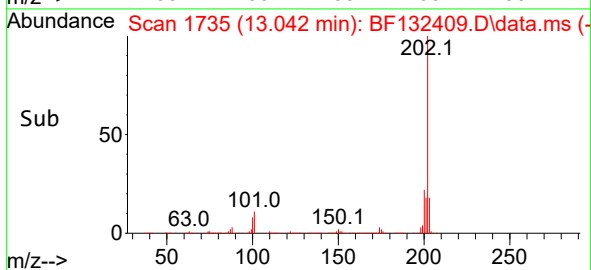
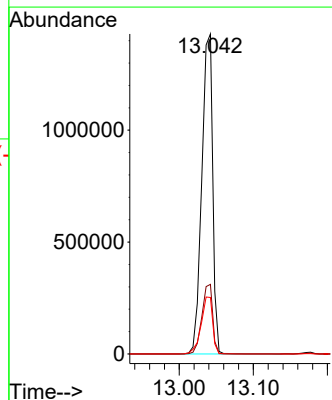
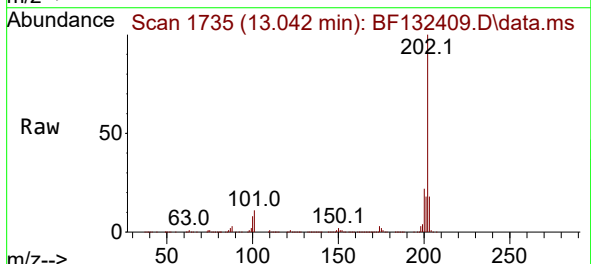
Instrument :
BNA_F
ClientSampleId :

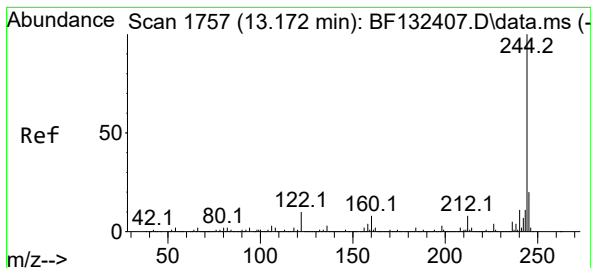
Tgt Ion:184 Resp: 254677
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 11.3 9.3 13.9



#78
Pyrene
Concen: 59.912 ng
RT: 13.042 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:202 Resp: 1462362
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 128.527 ng

RT: 13.177 min Scan# 1

Delta R.T. 0.006 min

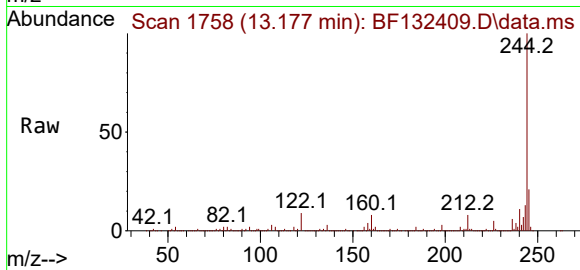
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



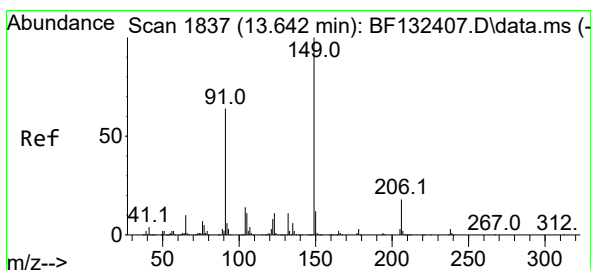
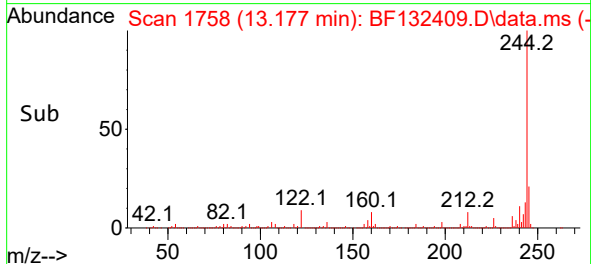
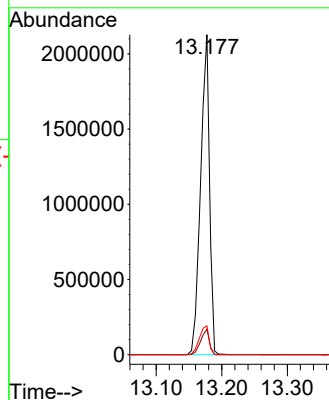
Tgt Ion:244 Resp: 2016359

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.0 8.2 12.4



#80

Butylbenzylphthalate

Concen: 61.344 ng

RT: 13.648 min Scan# 1838

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

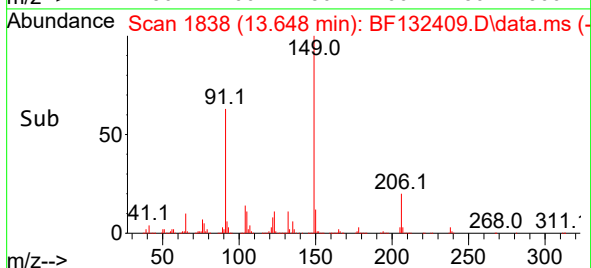
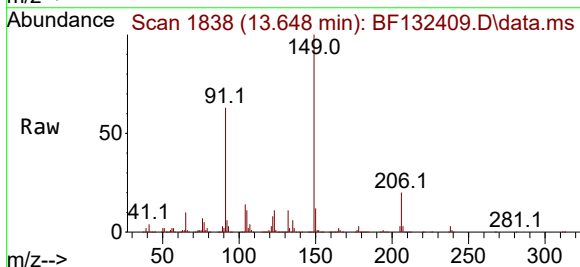
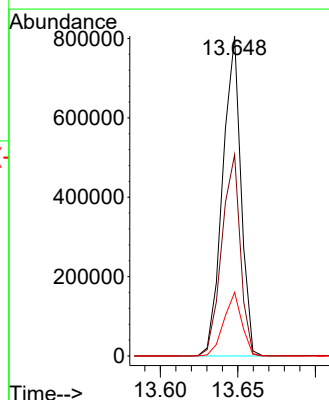
Tgt Ion:149 Resp: 661533

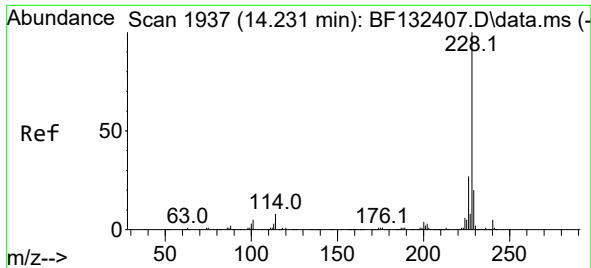
Ion Ratio Lower Upper

149 100

91 62.9 51.6 77.4

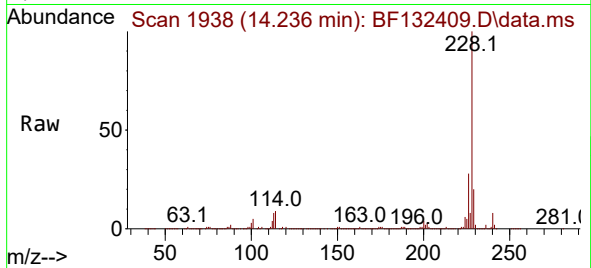
206 19.8 14.8 22.2



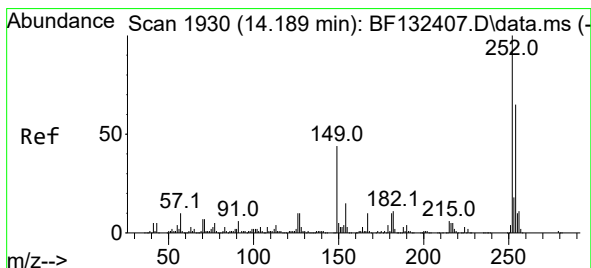
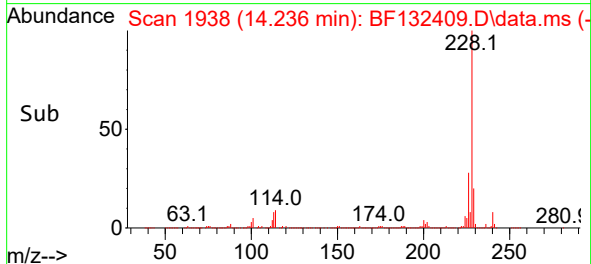
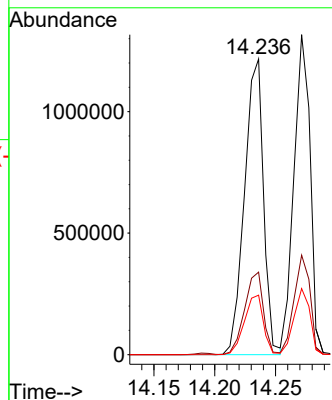


#81
Benzo(a)anthracene
Concen: 62.418 ng
RT: 14.236 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :

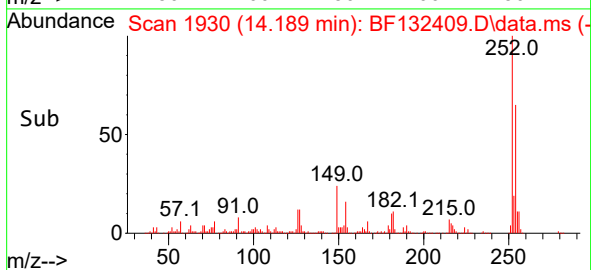
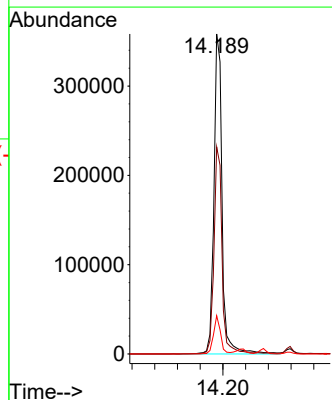
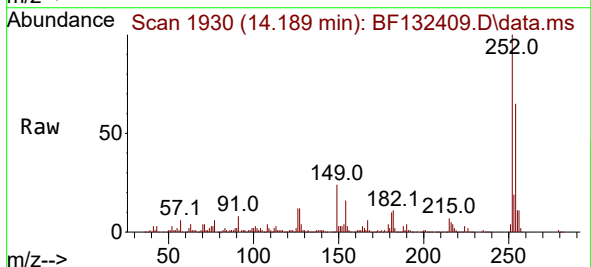


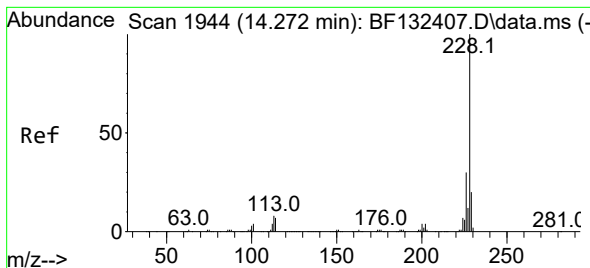
Tgt Ion:228 Resp: 1324852
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 52.388 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132409.D
Acq: 13 Feb 2023 14:34

Tgt Ion:252 Resp: 354165
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.9 8.1 12.1





#83

Chrysene

Concen: 61.521 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.000 min

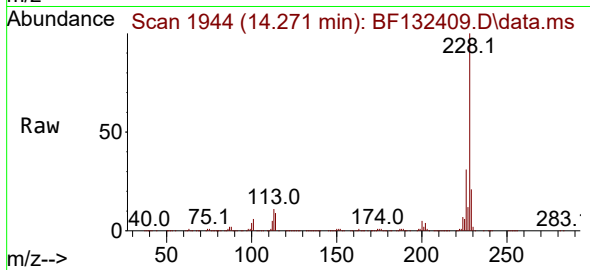
Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :



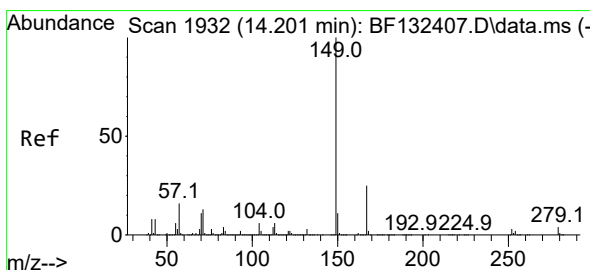
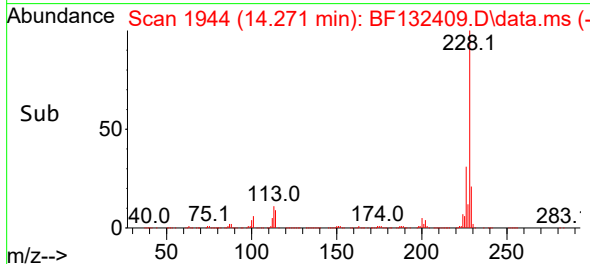
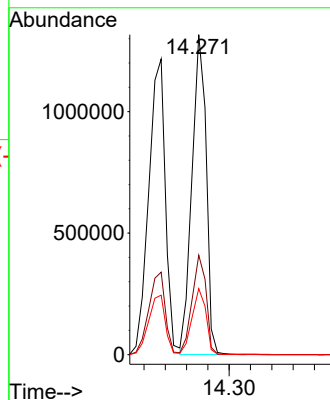
Tgt Ion:228 Resp: 1222734

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.602 ng

RT: 14.201 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

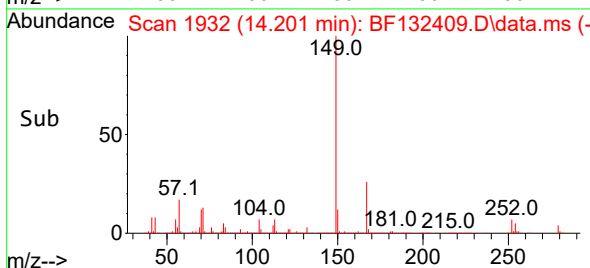
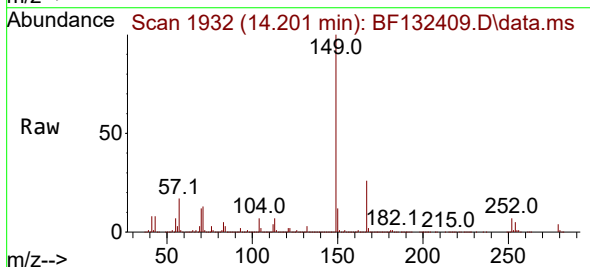
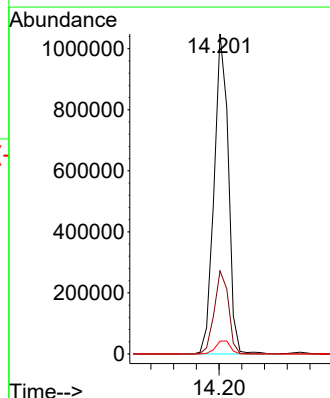
Tgt Ion:149 Resp: 912510

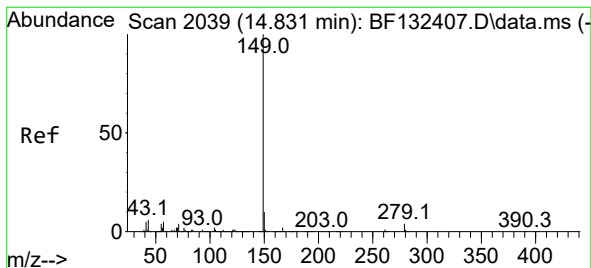
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 59.114 ng

RT: 14.836 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

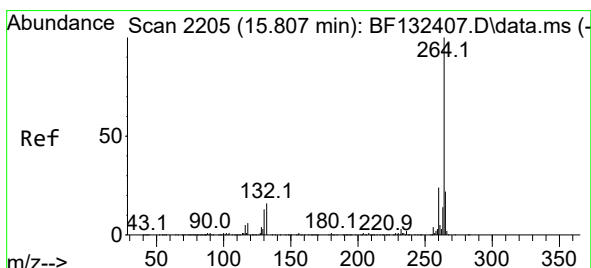
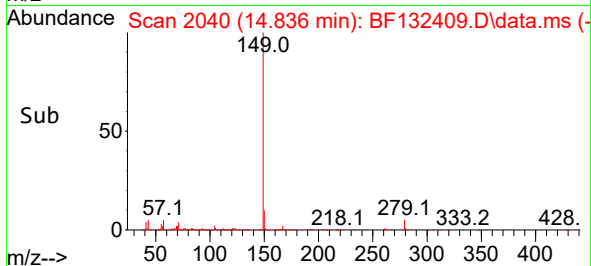
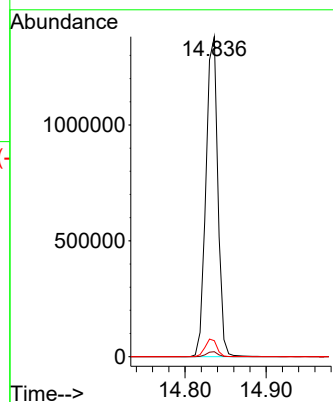
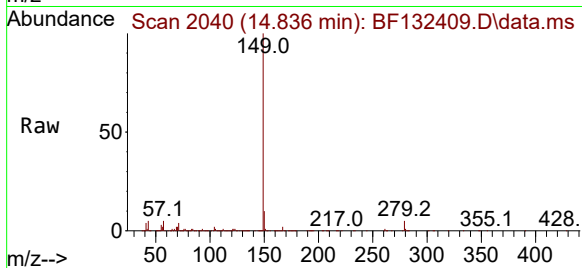
Tgt Ion:149 Resp: 1405440

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.6 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.807 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

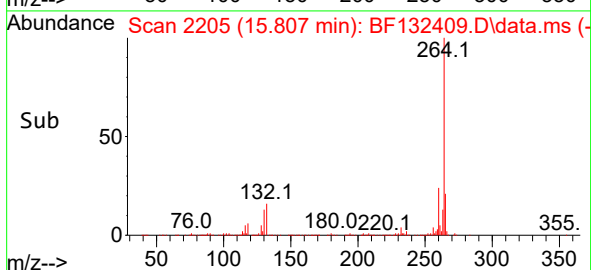
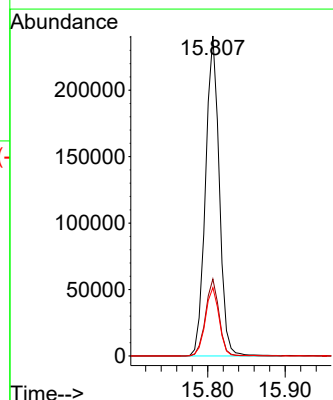
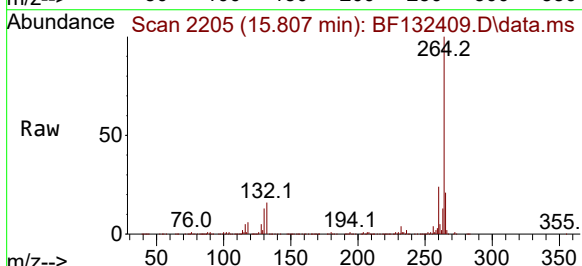
Tgt Ion:264 Resp: 296049

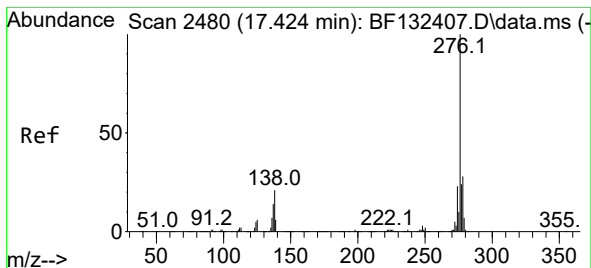
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 69.594 ng

RT: 17.436 min Scan# 2480

Delta R.T. 0.011 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

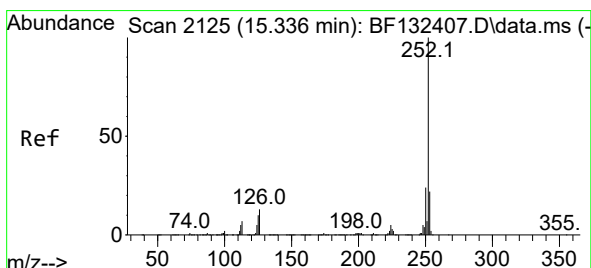
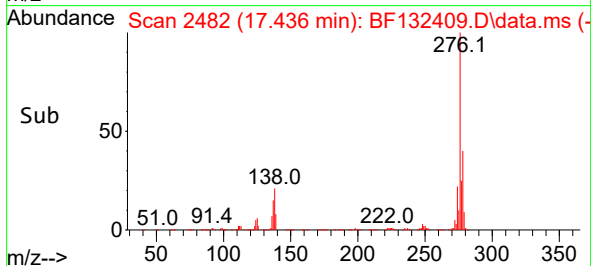
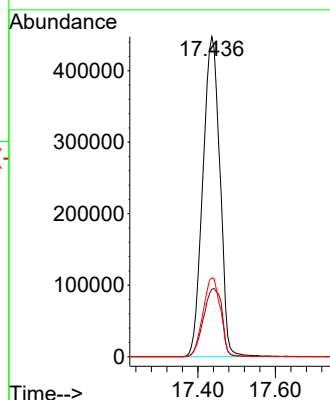
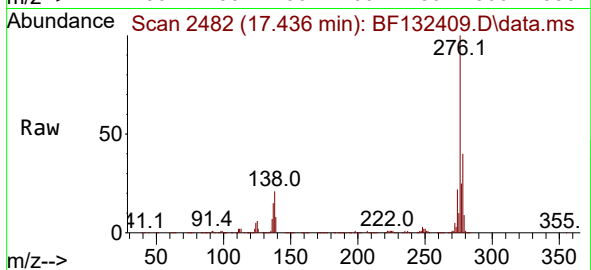
Tgt Ion:276 Resp: 1369008

Ion Ratio Lower Upper

276 100

138 23.3 19.1 28.7

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 60.006 ng

RT: 15.342 min Scan# 2126

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

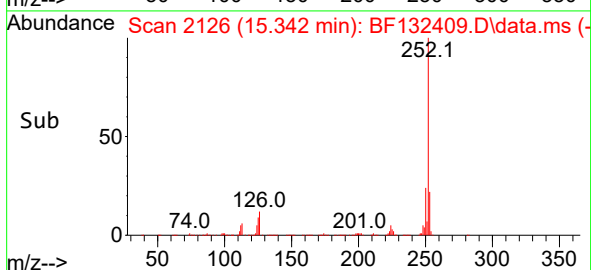
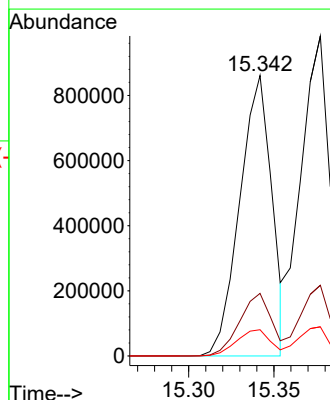
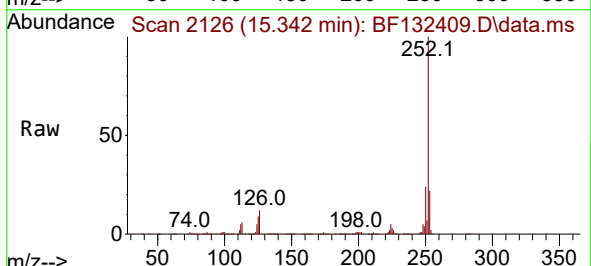
Tgt Ion:252 Resp: 1129199

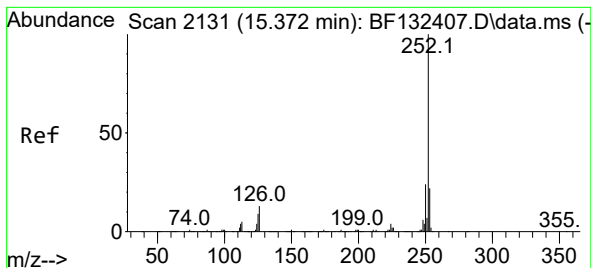
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 64.706 ng

RT: 15.377 min Scan# 2131

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

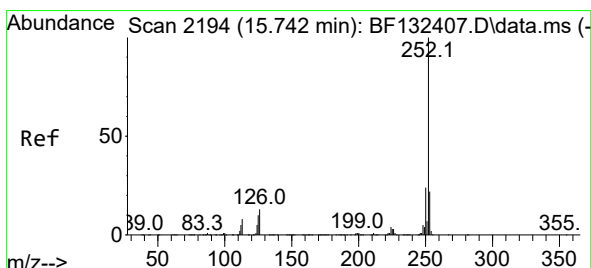
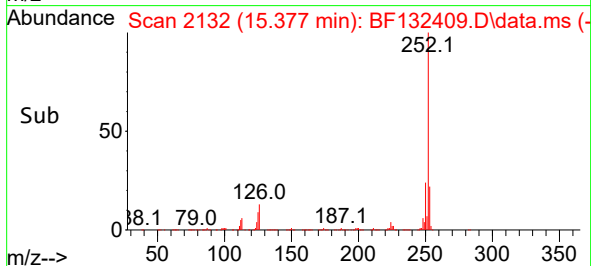
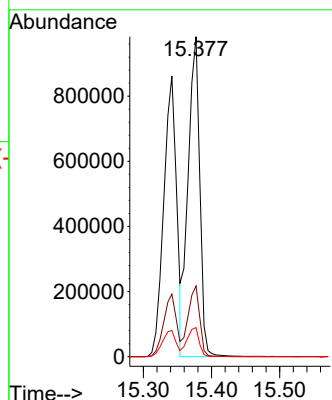
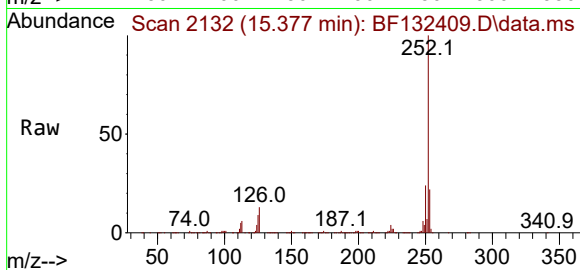
Tgt Ion:252 Resp: 1162289

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 62.754 ng

RT: 15.748 min Scan# 2195

Delta R.T. 0.005 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

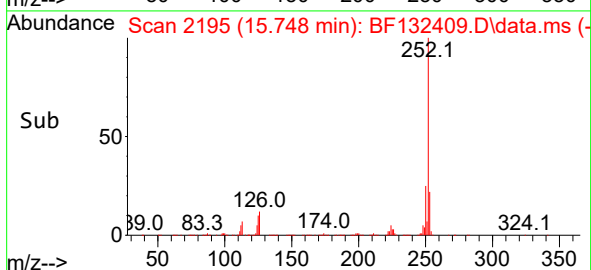
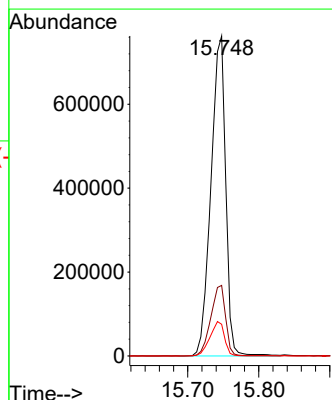
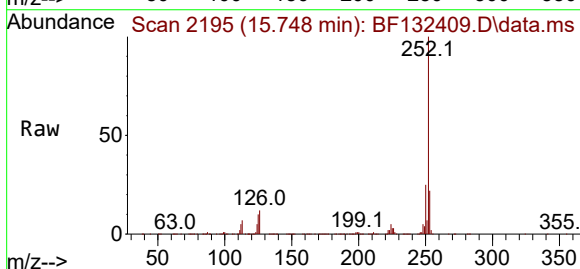
Tgt Ion:252 Resp: 1099657

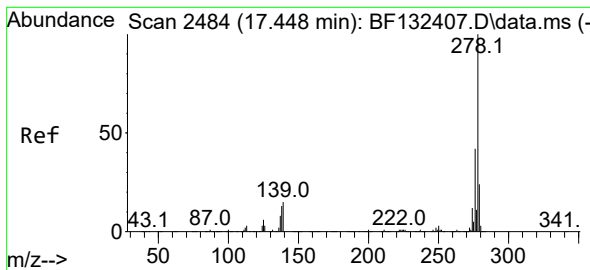
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 71.195 ng

RT: 17.459 min Scan# 2486

Delta R.T. 0.011 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

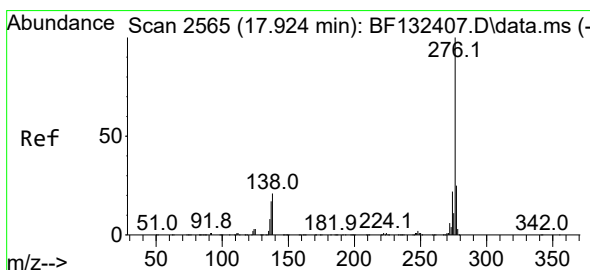
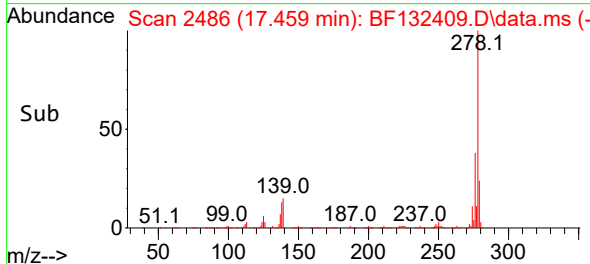
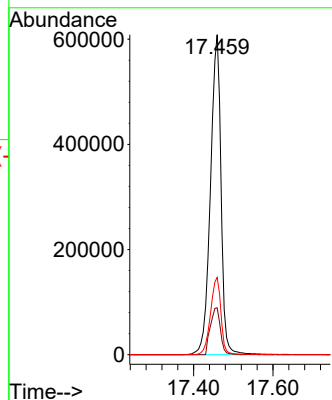
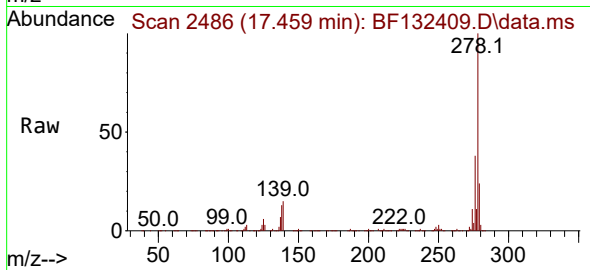
Tgt Ion:278 Resp: 1125992

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 69.320 ng

RT: 17.936 min Scan# 2567

Delta R.T. 0.011 min

Lab File: BF132409.D

Acq: 13 Feb 2023 14:34

Tgt Ion:276 Resp: 1132613

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 21.2 16.6 25.0

