

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132320.D
 Acq On : 03 Feb 2023 13:58
 Operator : CG\JU
 Sample : PB150659BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150659BS

Quant Time: Feb 04 01:37:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	207034	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	800439	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	409570	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	726230	20.000	ng	0.00
76) Chrysene-d12	14.271	240	374338	20.000	ng	0.00
86) Perylene-d12	15.854	264	343323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1450589	112.623	ng	0.02
7) Phenol-d6	6.684	99	1781149	112.168	ng	0.00
23) Nitrobenzene-d5	7.631	82	1092785	75.971	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	572137	135.839	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1934262	72.930	ng	0.00
79) Terphenyl-d14	13.207	244	2037731	105.301	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.078	88	190380	31.413	ng	95
3) Pyridine	3.807	79	502764	30.579	ng	96
4) n-Nitrosodimethylamine	3.772	42	183768	34.930	ng	94
6) Aniline	6.719	93	738109	34.254	ng	96
8) 2-Chlorophenol	6.842	128	587653	44.052	ng	97
9) Benzaldehyde	6.607	77	230920	22.610	ng	99
10) Phenol	6.695	94	636872	38.749	ng	98
11) bis(2-Chloroethyl)ether	6.789	93	552661	40.857	ng	97
12) 1,3-Dichlorobenzene	7.001	146	607009	43.023	ng	99
13) 1,4-Dichlorobenzene	7.078	146	611481	43.418	ng	99
14) 1,2-Dichlorobenzene	7.231	146	596556	45.420	ng	98
15) Benzyl Alcohol	7.195	79	449833	38.823	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.331	45	520216	36.503	ng	93
17) 2-Methylphenol	7.301	107	453204	38.811	ng	99
18) Hexachloroethane	7.578	117	230486	43.625	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	319086	35.376	ng	97
20) 3+4-Methylphenols	7.454	107	568256	38.128	ng	96
22) Acetophenone	7.472	105	730704	38.818	ng	97
24) Nitrobenzene	7.648	77	542439	36.913	ng	93
25) Isophorone	7.883	82	1026548	37.601	ng	96
26) 2-Nitrophenol	7.960	139	318623	44.514	ng	94
27) 2,4-Dimethylphenol	7.989	122	516465	41.222	ng	99
28) bis(2-Chloroethoxy)met...	8.089	93	641949	38.263	ng	99
29) 2,4-Dichlorophenol	8.201	162	469341	42.194	ng	97
30) 1,2,4-Trichlorobenzene	8.283	180	511237	42.919	ng	99
31) Naphthalene	8.372	128	1543649	39.179	ng	99
32) Benzoic acid	8.101	122	395680	42.666	ng	94
33) 4-Chloroaniline	8.413	127	363453	20.803	ng	97
34) Hexachlorobutadiene	8.483	225	295316	44.101	ng	99
35) Caprolactam	8.789	113	107622	28.381	ng	94
36) 4-Chloro-3-methylphenol	8.889	107	488809	40.790	ng	95
37) 2-Methylnaphthalene	9.066	142	1030417	38.610	ng	100
38) 1-Methylnaphthalene	9.166	142	956359	38.561	ng	99
40) 1,2,4,5-Tetrachloroben...	9.230	216	472705	41.013	ng	100
41) Hexachlorocyclopentadiene	9.213	237	579190	86.132	ng	99
43) 2,4,6-Trichlorophenol	9.336	196	343719	41.719	ng	100

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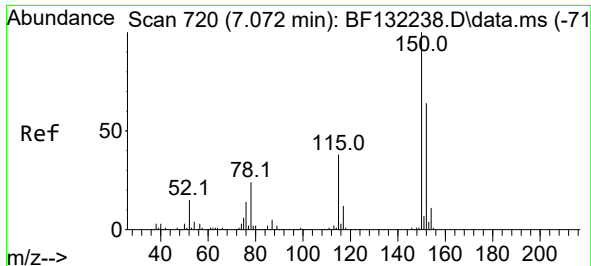
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.377	196	367966	38.803	ng	100
46) 1,1'-Biphenyl	9.530	154	1229639	38.943	ng	97
47) 2-Chloronaphthalene	9.560	162	958917	39.873	ng	99
48) 2-Nitroaniline	9.648	65	247889	34.658	ng	85
49) Acenaphthylene	9.977	152	1492966	38.037	ng	99
50) Dimethylphthalate	9.825	163	1134600	39.603	ng	98
51) 2,6-Dinitrotoluene	9.889	165	264261	41.300	ng	89
52) Acenaphthene	10.148	154	1064232	43.309	ng	100
53) 3-Nitroaniline	10.060	138	224494	28.931	ng	98
54) 2,4-Dinitrophenol	10.166	184	299344	80.669	ng	95
55) Dibenzofuran	10.324	168	1317067	38.147	ng	97
56) 4-Nitrophenol	10.213	139	438533	75.103	ng	92
57) 2,4-Dinitrotoluene	10.295	165	350652	42.188	ng	94
58) Fluorene	10.666	166	1014140	38.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	295578	42.755	ng	98
60) Diethylphthalate	10.530	149	1143664	40.127	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	497421	39.446	ng	98
62) 4-Nitroaniline	10.683	138	268557	36.092	ng	99
63) Azobenzene	10.813	77	973452	35.064	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	188492	45.731	ng	93
66) n-Nitrosodiphenylamine	10.772	169	917341	40.339	ng	100
67) 4-Bromophenyl-phenylether	11.148	248	318983	42.894	ng	99
68) Hexachlorobenzene	11.213	284	363596	45.744	ng	99
69) Atrazine	11.295	200	309724	47.351	ng	98
70) Pentachlorophenol	11.407	266	404751	74.112	ng	100
71) Phenanthrene	11.636	178	1491861	39.312	ng	100
72) Anthracene	11.689	178	1502444	38.902	ng	99
73) Carbazole	11.842	167	1312408	37.899	ng	99
74) Di-n-butylphthalate	12.160	149	1708794	41.739	ng	100
75) Fluoranthene	12.836	202	1454945	37.570	ng	98
77) Benzidine	12.948	184	515119	39.360	ng	98
78) Pyrene	13.065	202	1459883	48.488	ng	99
80) Butylbenzylphthalate	13.677	149	643868	48.403	ng	94
81) Benzo(a)anthracene	14.260	228	1078705	41.201	ng	99
82) 3,3'-Dichlorobenzidine	14.218	252	254007	30.460	ng	99
83) Chrysene	14.301	228	990355	40.396	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	821415	45.684	ng	99
85) Di-n-octyl phthalate	14.865	149	1195296	40.758	ng	97
87) Indeno(1,2,3-cd)pyrene	17.500	276	1054463	46.223	ng	98
88) Benzo(b)fluoranthene	15.377	252	980086	44.910	ng	99
89) Benzo(k)fluoranthene	15.412	252	874523	41.982	ng	98
90) Benzo(a)pyrene	15.783	252	816215	40.165	ng	100
91) Dibenzo(a,h)anthracene	17.518	278	870693	47.472	ng	99
92) Benzo(g,h,i)perylene	18.000	276	857978	45.281	ng	96

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

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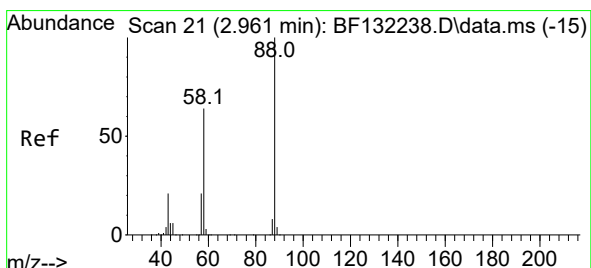
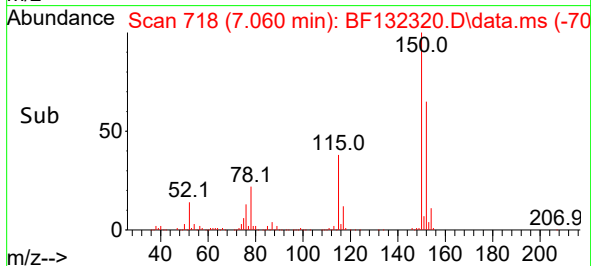
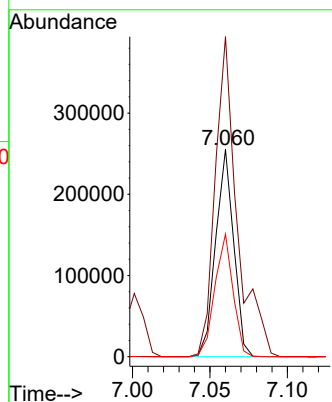
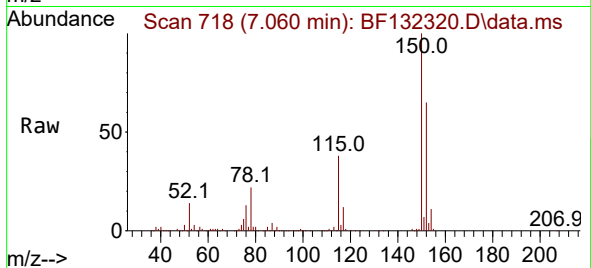
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.060 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132320.D
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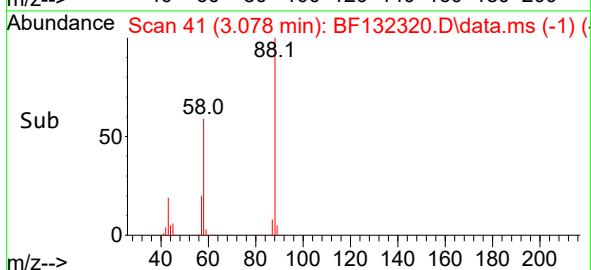
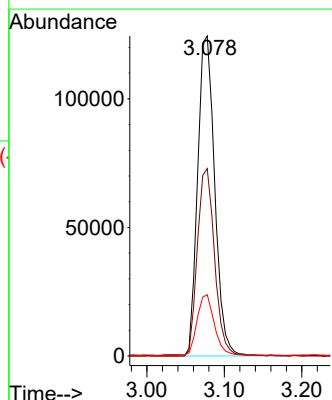
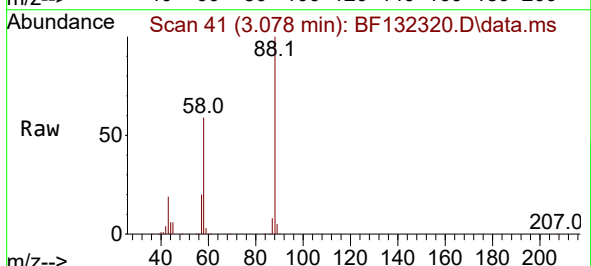
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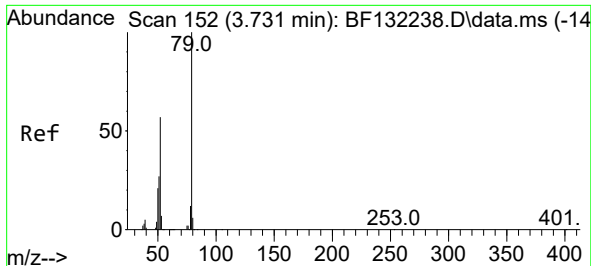
Tgt Ion:152 Resp: 207034
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.2 186.2
 115 59.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 31.413 ng
 RT: 3.078 min Scan# 41
 Delta R.T. 0.088 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

Tgt Ion: 88 Resp: 190380
 Ion Ratio Lower Upper
 88 100
 58 58.9 50.2 75.2
 43 18.8 16.9 25.3

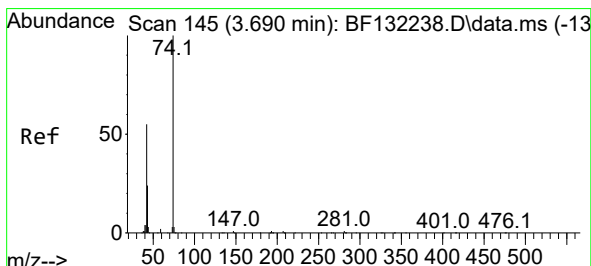
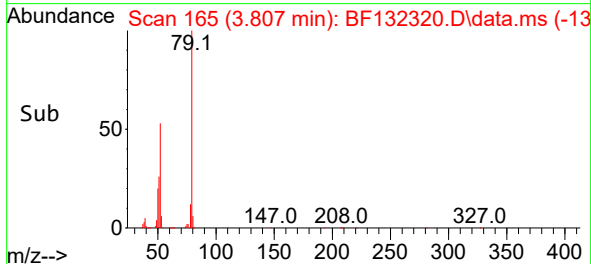
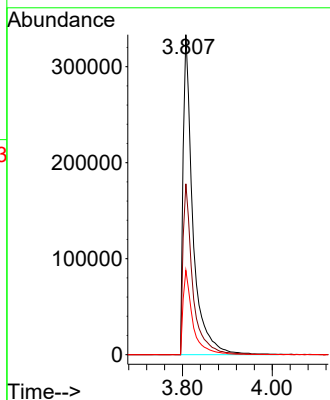
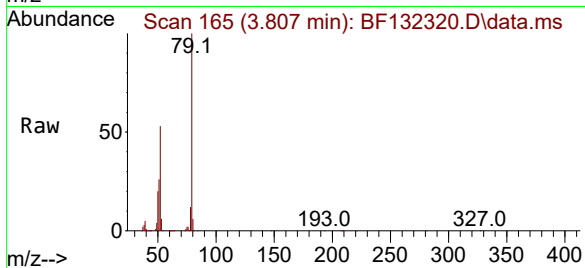




#3
Pyridine
Concen: 30.579 ng
RT: 3.807 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

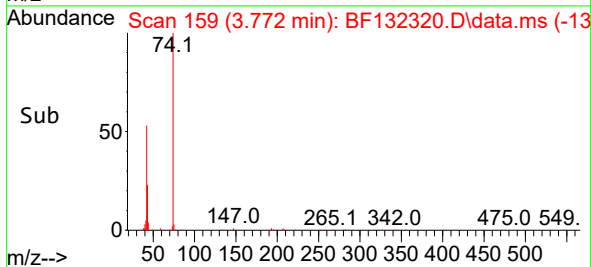
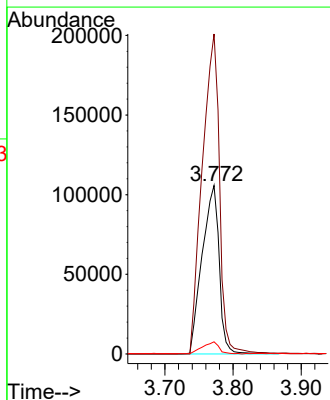
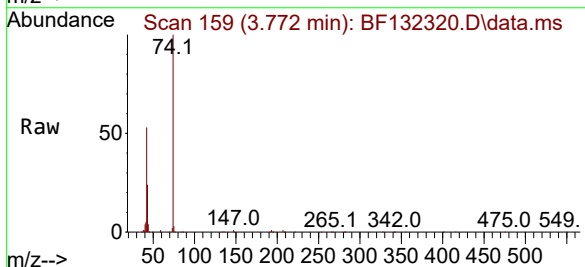
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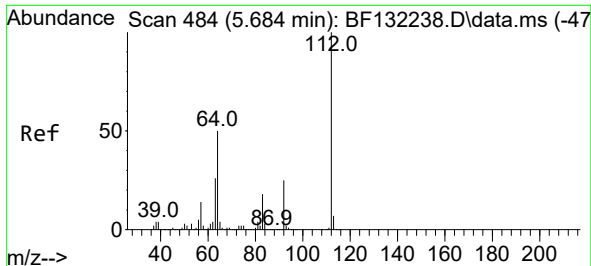
Tgt Ion: 79 Resp: 502764
Ion Ratio Lower Upper
79 100
52 53.4 45.6 68.4
51 26.3 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 34.930 ng
RT: 3.772 min Scan# 159
Delta R.T. 0.053 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 42 Resp: 183768
Ion Ratio Lower Upper
42 100
74 189.9 144.6 217.0
44 7.2 5.1 7.7

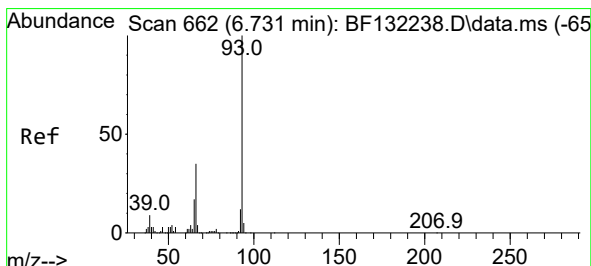
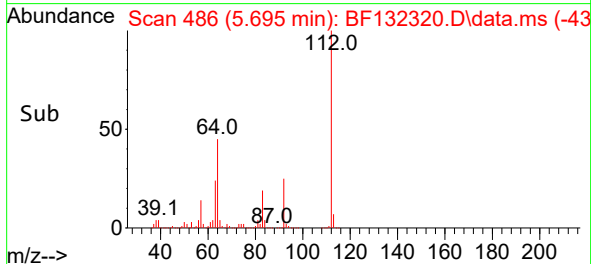
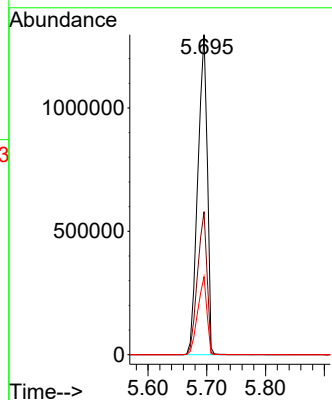
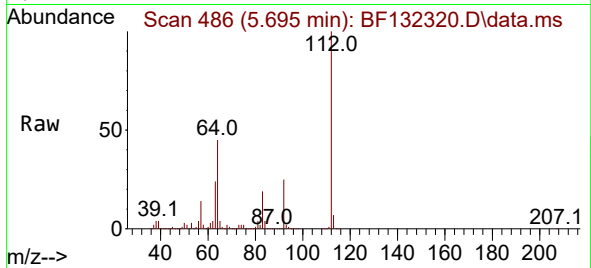




#5
2-Fluorophenol
Concen: 112.623 ng
RT: 5.695 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

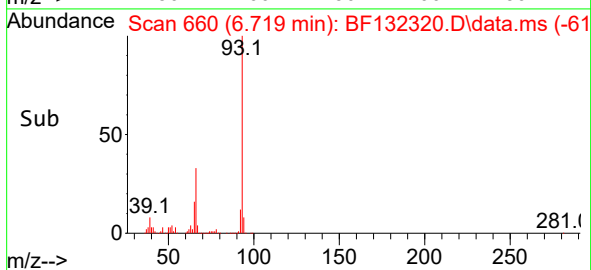
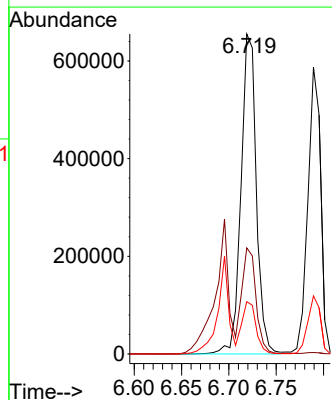
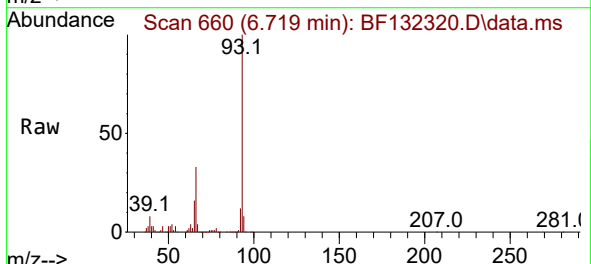
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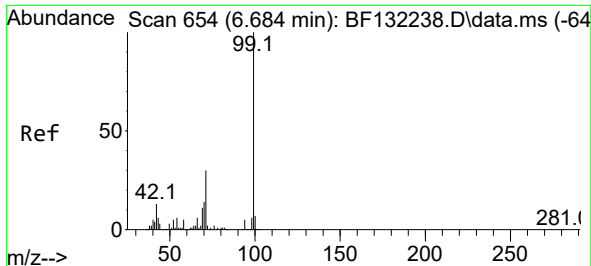
Tgt Ion:112 Resp: 1450589
Ion Ratio Lower Upper
112 100
64 44.7 40.0 60.0
63 24.4 20.5 30.7



#6
Aniline
Concen: 34.254 ng
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 93 Resp: 738109
Ion Ratio Lower Upper
93 100
66 33.2 28.8 43.2
65 16.4 14.2 21.4

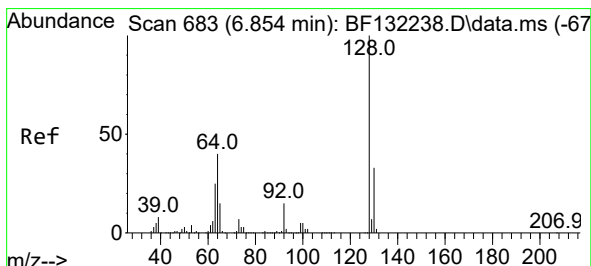
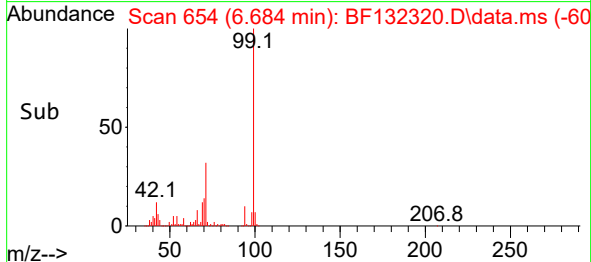
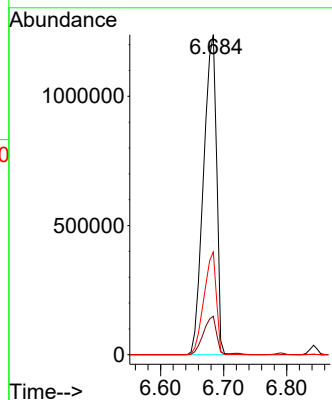
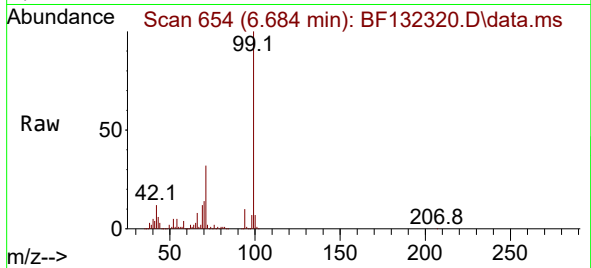




#7
Phenol-d6
Concen: 112.168 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

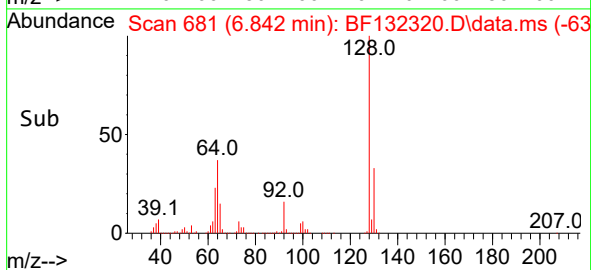
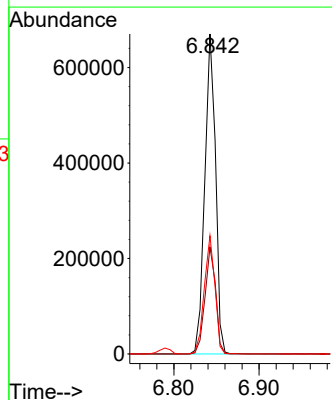
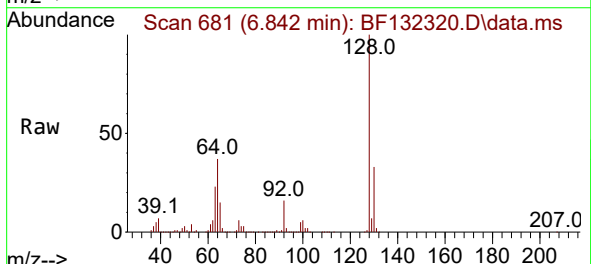
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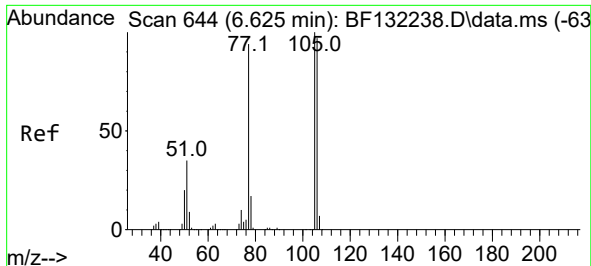
Tgt Ion: 99 Resp: 1781149
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 32.1 24.2 36.4



#8
2-Chlorophenol
Concen: 44.052 ng
RT: 6.842 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 128 Resp: 587653
Ion Ratio Lower Upper
128 100
130 33.4 13.3 53.3
64 36.9 20.1 60.1

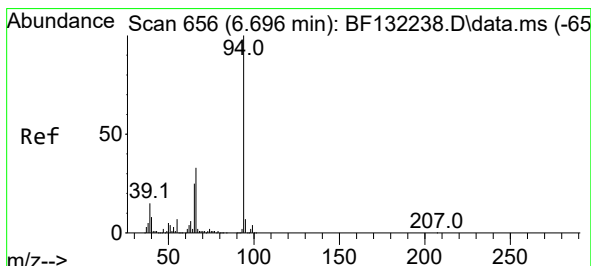
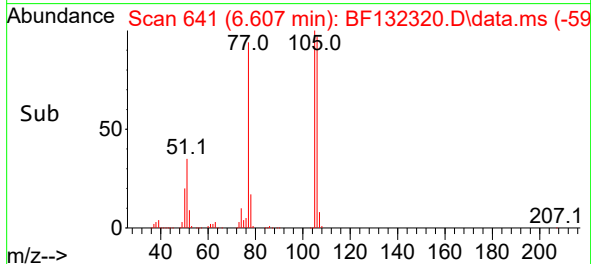
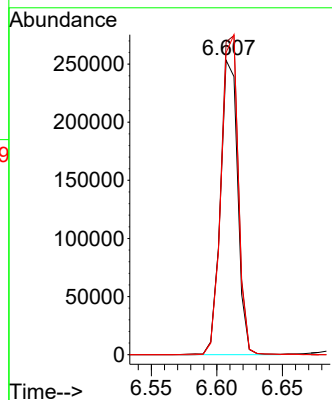
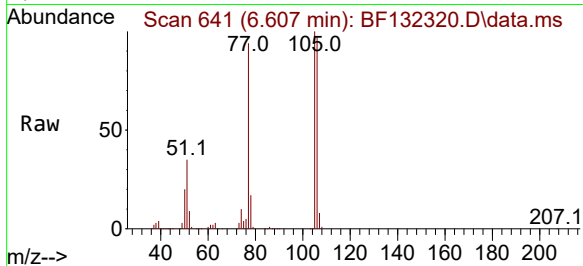




#9
Benzaldehyde
Concen: 22.610 ng
RT: 6.607 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

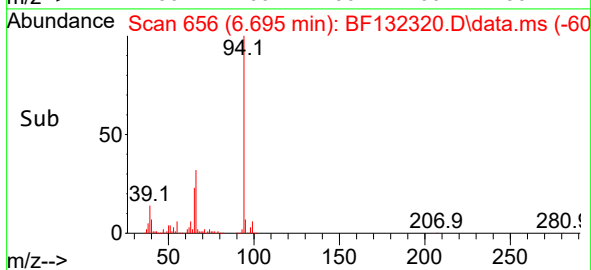
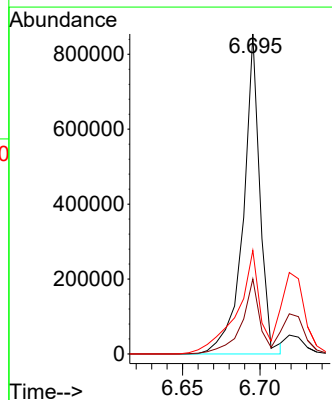
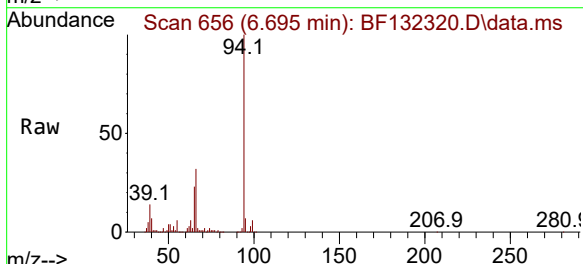
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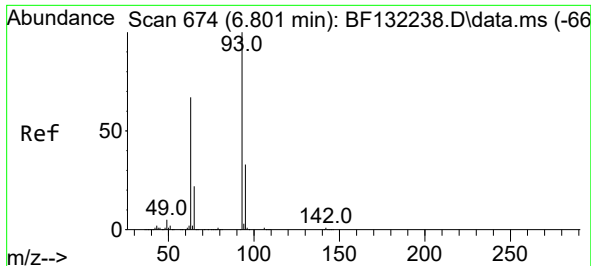
Tgt Ion: 77 Resp: 230920
Ion Ratio Lower Upper
77 100
105 106.2 86.8 126.8
106 102.6 83.8 123.8



#10
Phenol
Concen: 38.749 ng
RT: 6.695 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 94 Resp: 636872
Ion Ratio Lower Upper
94 100
65 23.4 5.1 45.1
66 32.3 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 40.857 ng

RT: 6.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

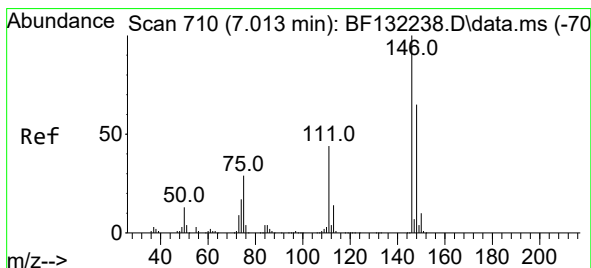
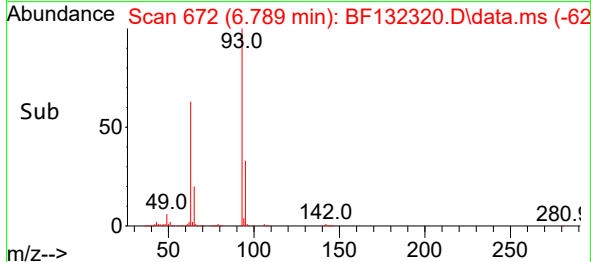
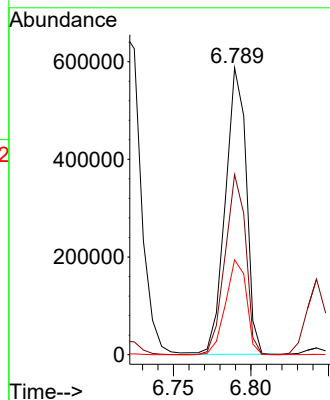
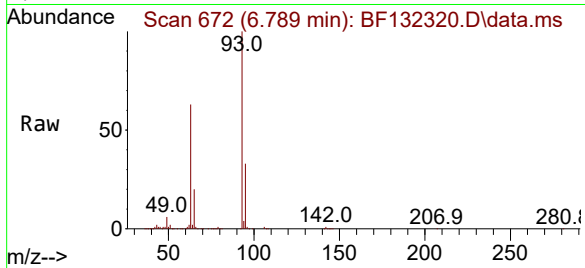
Tgt Ion: 93 Resp: 552661

Ion Ratio Lower Upper

93 100

63 62.8 46.7 86.7

95 33.1 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 43.023 ng

RT: 7.001 min Scan# 708

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

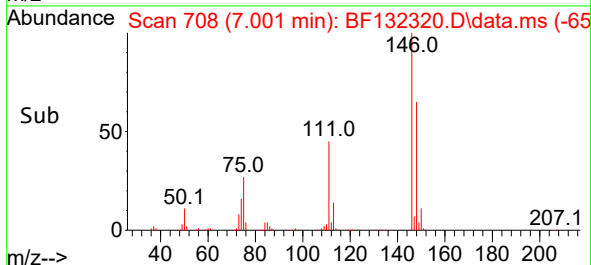
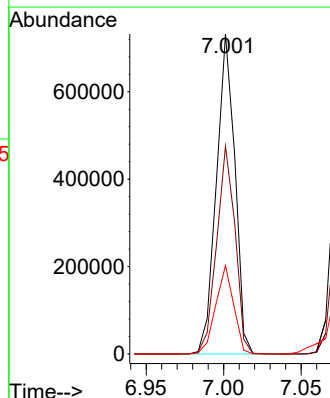
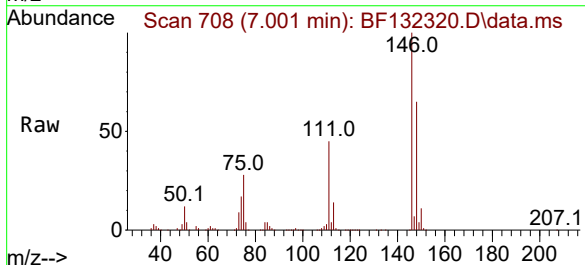
Tgt Ion:146 Resp: 607009

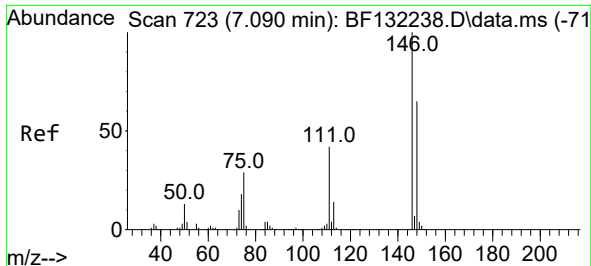
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 27.7 23.5 35.3

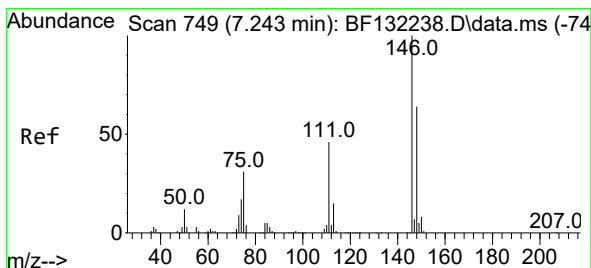
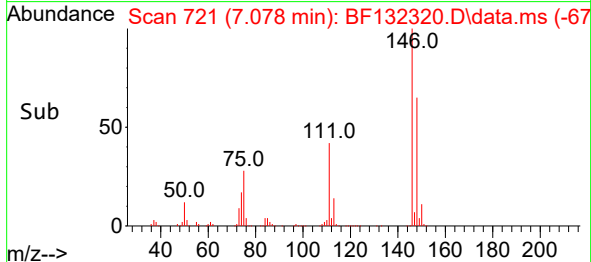
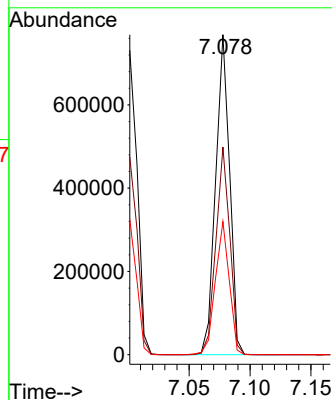
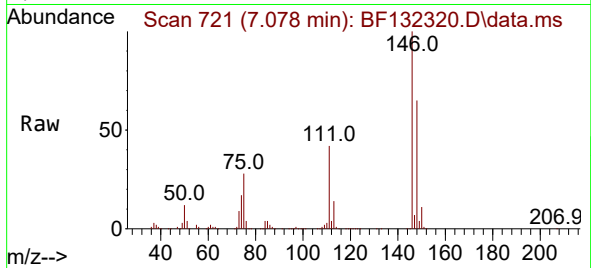




#13
1,4-Dichlorobenzene
Concen: 43.418 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

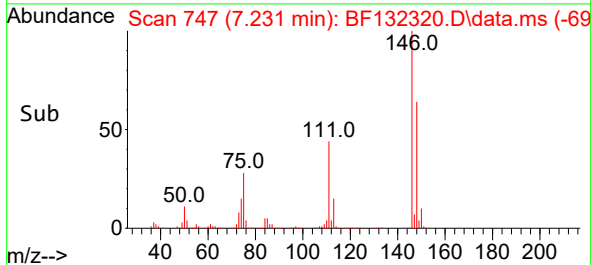
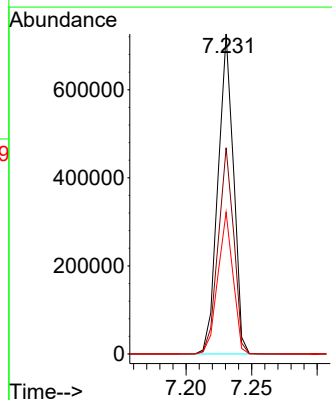
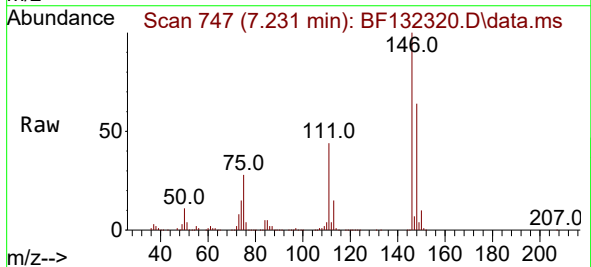
Instrument :
BNA_F
ClientSampleId :
PB150659BS

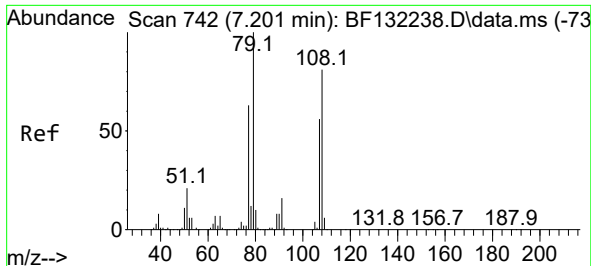
Tgt Ion:146 Resp: 611481
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 41.6 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 45.420 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:146 Resp: 596556
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 44.3 37.1 55.7

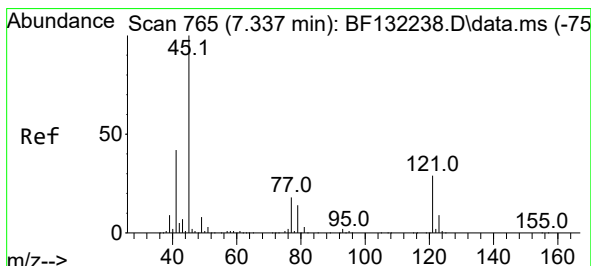
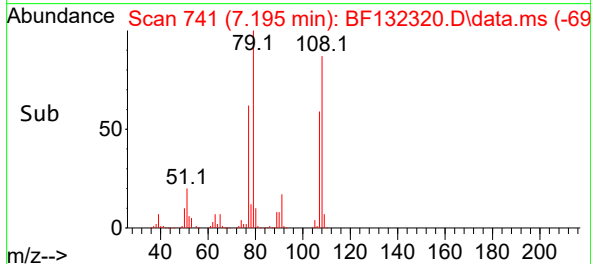
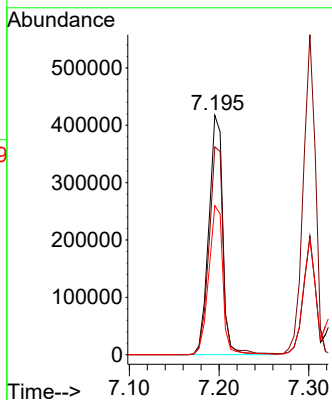
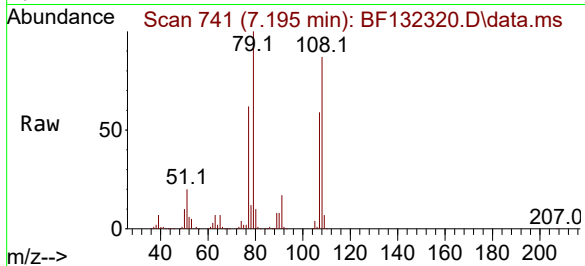




#15
Benzyl Alcohol
Concen: 38.823 ng
RT: 7.195 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

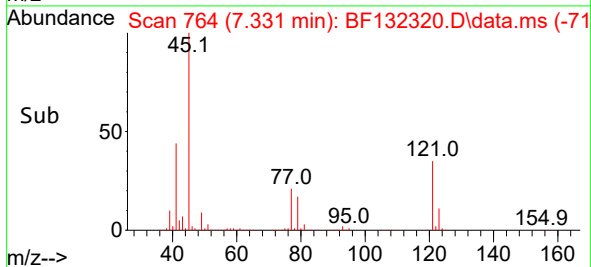
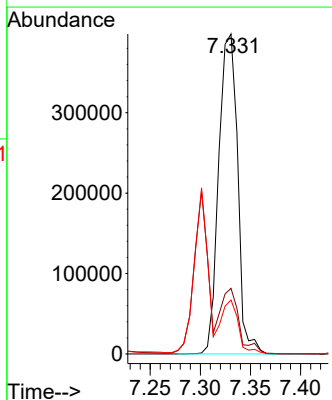
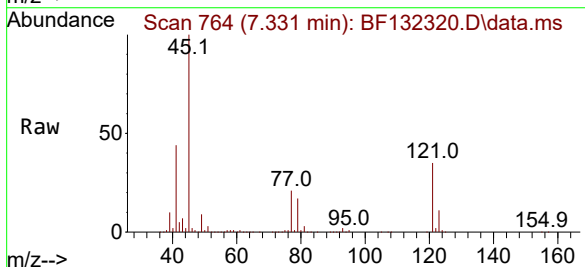
Instrument :
BNA_F
ClientSampleId :
PB150659BS

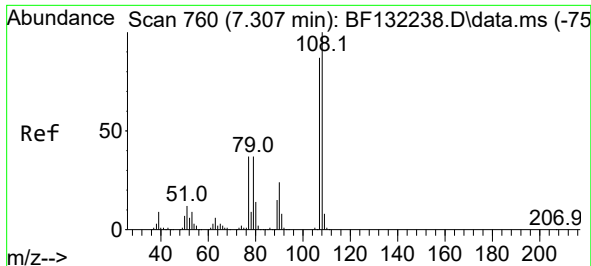
Tgt Ion: 79 Resp: 449833
Ion Ratio Lower Upper
79 100
108 86.8 64.6 97.0
77 62.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.503 ng
RT: 7.331 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 45 Resp: 520216
Ion Ratio Lower Upper
45 100
77 20.5 0.0 38.0
79 16.9 0.0 33.8





#17

2-Methylphenol

Concen: 38.811 ng

RT: 7.301 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132320.D

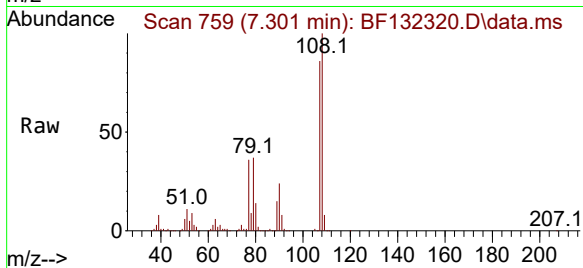
Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS



Tgt Ion:107 Resp: 453204

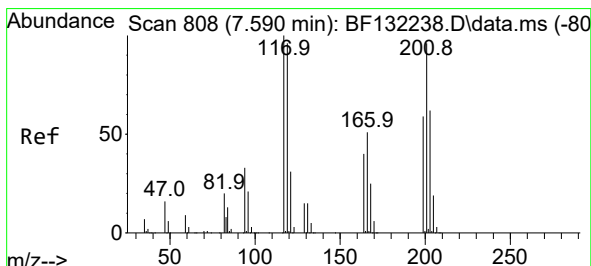
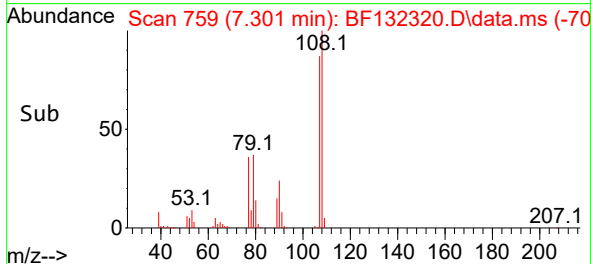
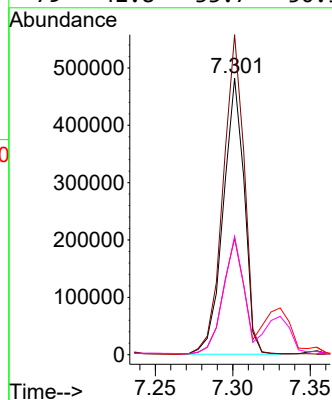
Ion Ratio Lower Upper

107 100

108 115.7 91.8 137.6

77 42.0 34.2 51.2

79 42.8 33.7 50.5



#18

Hexachloroethane

Concen: 43.625 ng

RT: 7.578 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

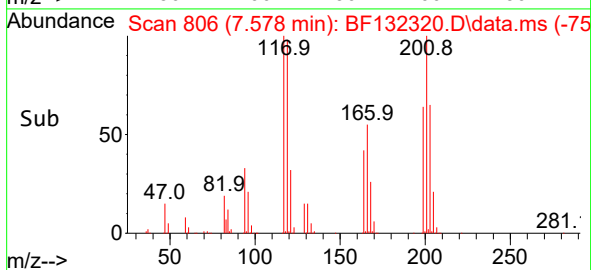
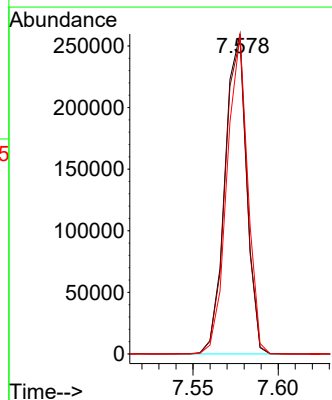
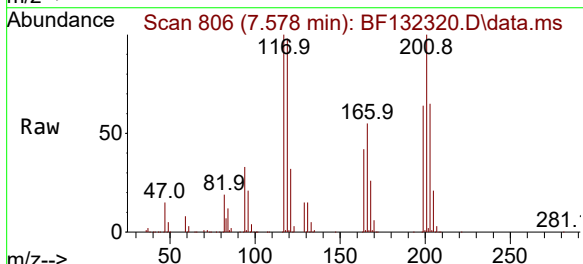
Tgt Ion:117 Resp: 230486

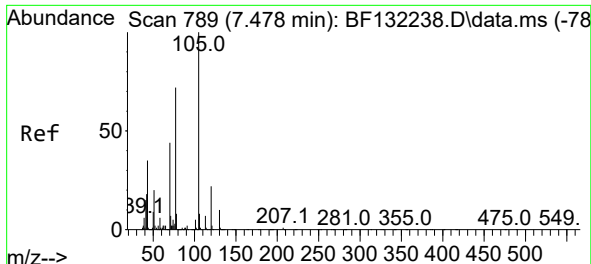
Ion Ratio Lower Upper

117 100

119 98.3 76.7 115.1

201 100.0 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.376 ng

RT: 7.472 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

Tgt Ion: 70 Resp: 319086

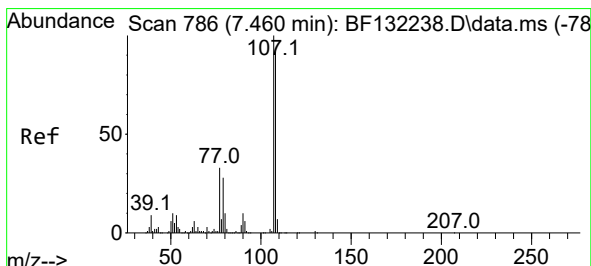
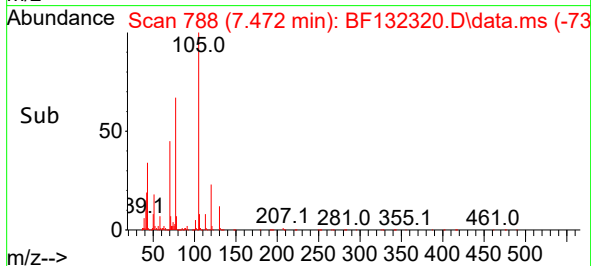
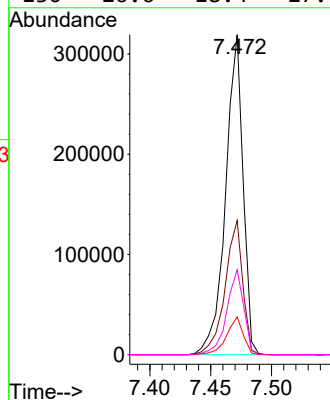
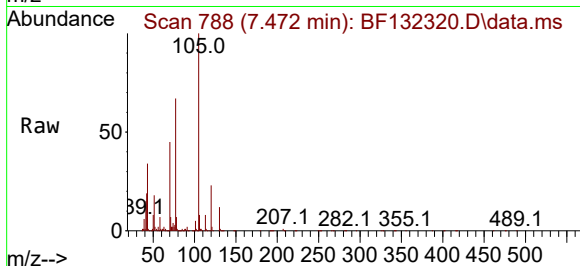
Ion Ratio Lower Upper

70 100

42 41.9 33.4 50.0

101 11.8 8.2 12.4

130 26.6 18.4 27.6



#20

3+4-Methylphenols

Concen: 38.128 ng

RT: 7.454 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Tgt Ion: 107 Resp: 568256

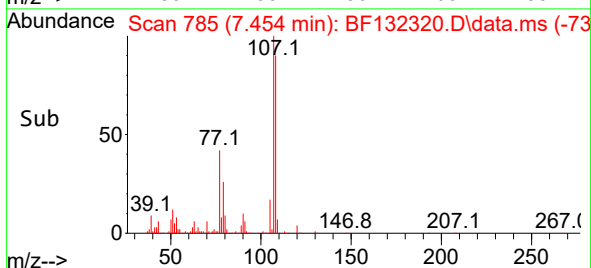
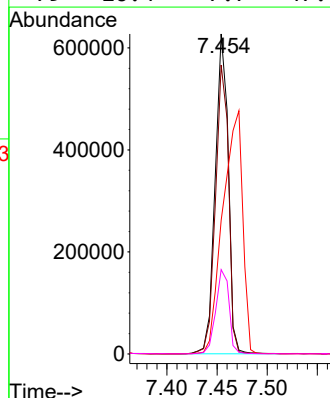
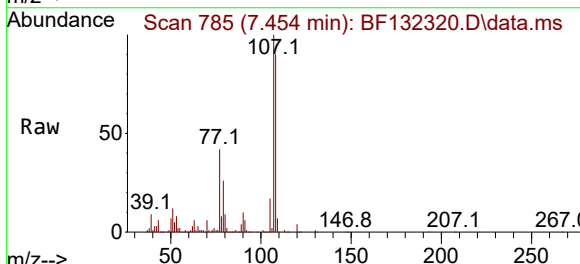
Ion Ratio Lower Upper

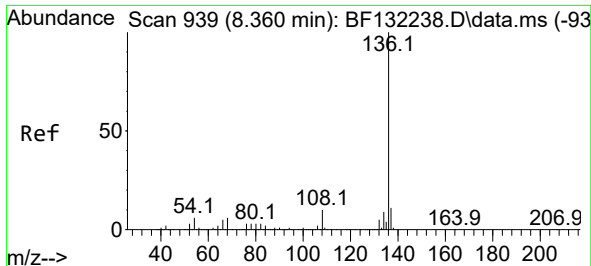
107 100

108 90.3 71.6 111.6

77 41.8 13.4 53.4

79 26.4 7.7 47.7

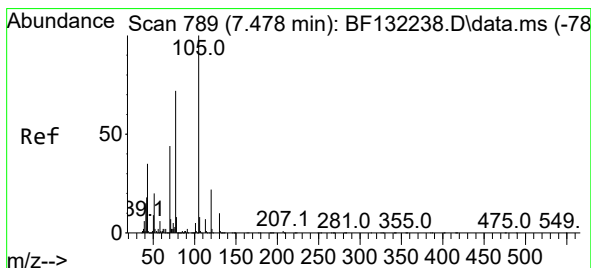
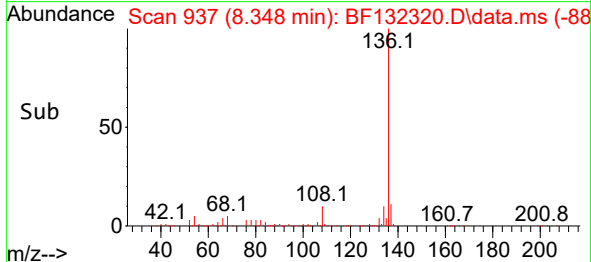
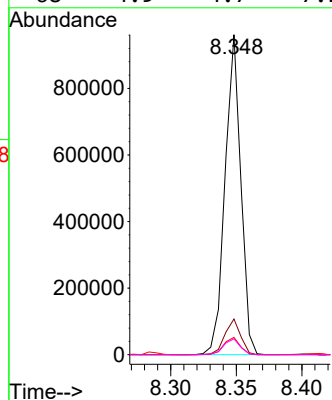
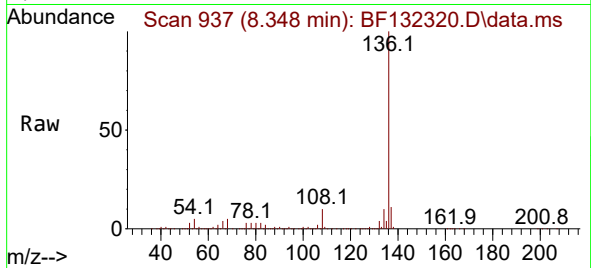




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

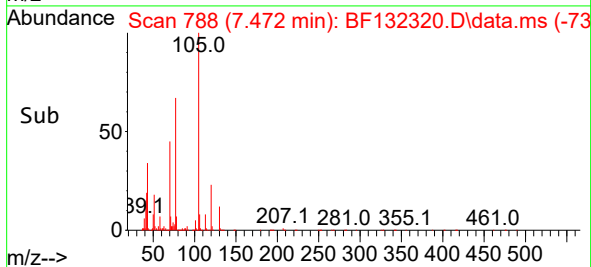
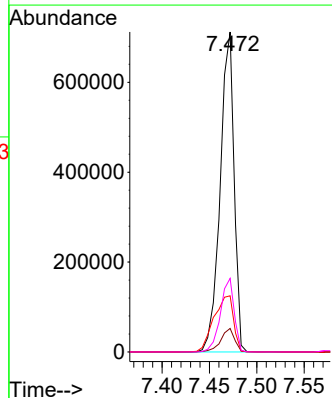
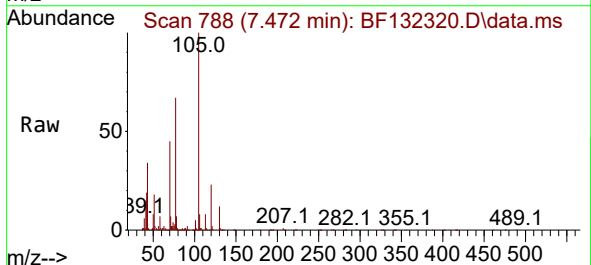
Instrument :
BNA_F
ClientSampleId :
PB150659BS

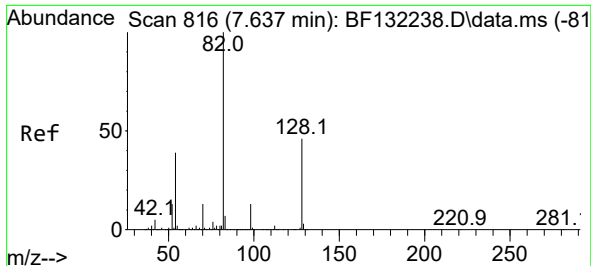
Tgt Ion:136 Resp: 800439
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.4 4.9 7.3
68 4.9 4.7 7.1



#22
Acetophenone
Concen: 38.818 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:105 Resp: 730704
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.6
51 17.6 16.2 24.2
120 23.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 75.971 ng

RT: 7.631 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

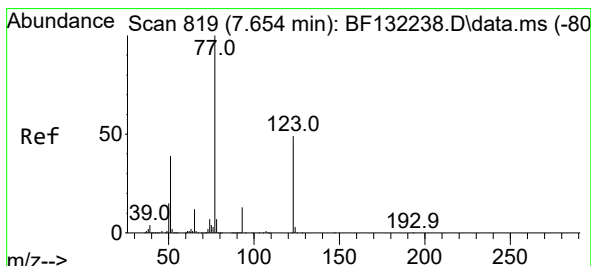
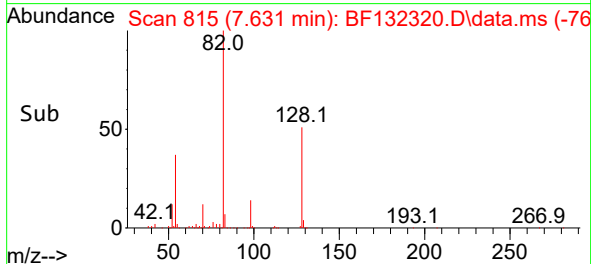
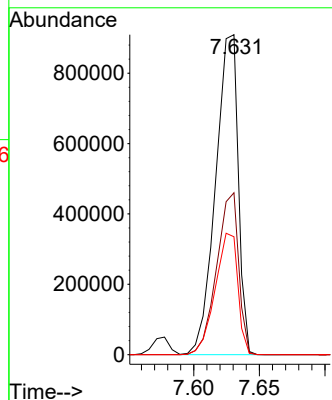
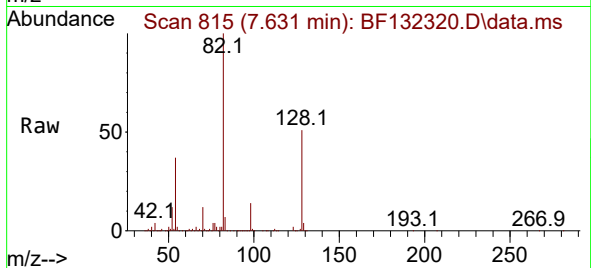
BNA_F

ClientSampleId :

PB150659BS

Tgt Ion: 82 Resp: 1092785

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.0	55.4
54	36.9	31.5	47.3



#24

Nitrobenzene

Concen: 36.913 ng

RT: 7.648 min Scan# 818

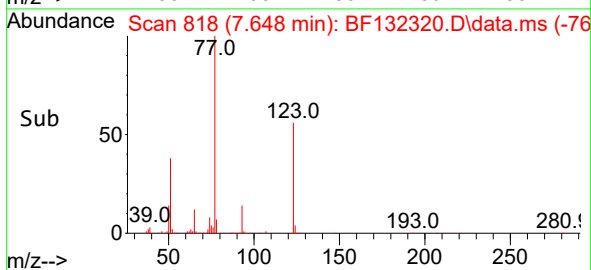
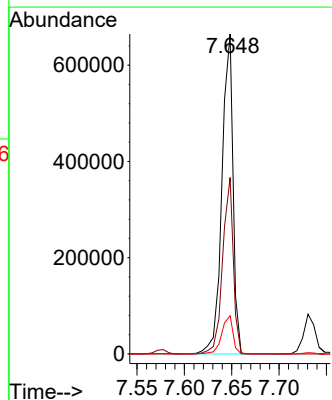
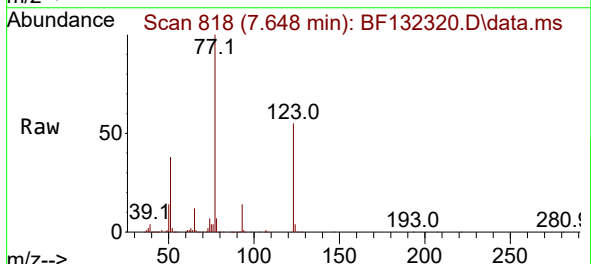
Delta R.T. -0.000 min

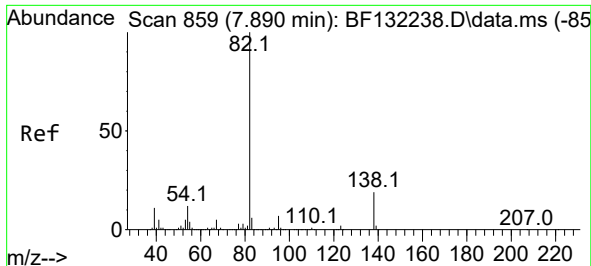
Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Tgt Ion: 77 Resp: 542439

Ion	Ratio	Lower	Upper
77	100		
123	55.2	39.5	59.3
65	11.9	9.8	14.8

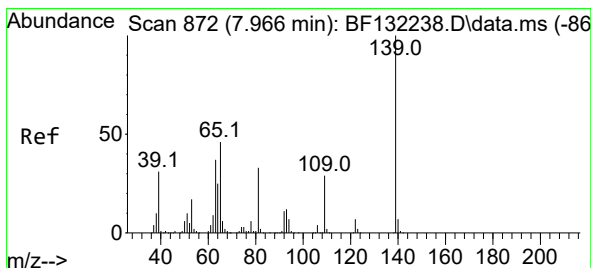
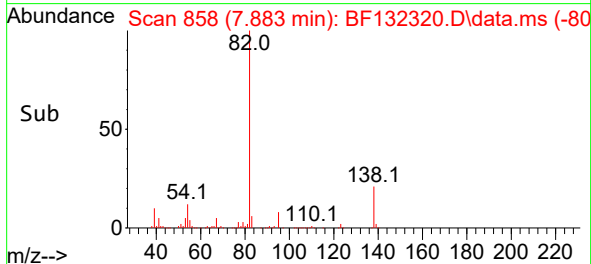
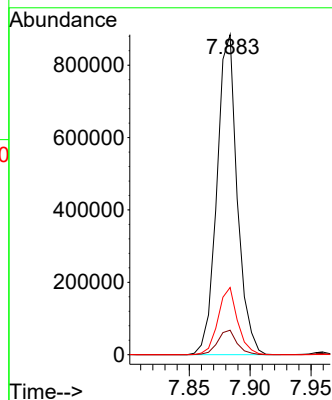
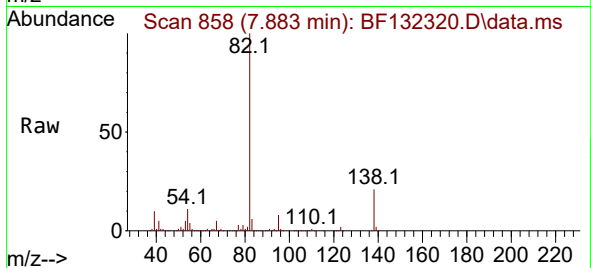




#25
Isophorone
Concen: 37.601 ng
RT: 7.883 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

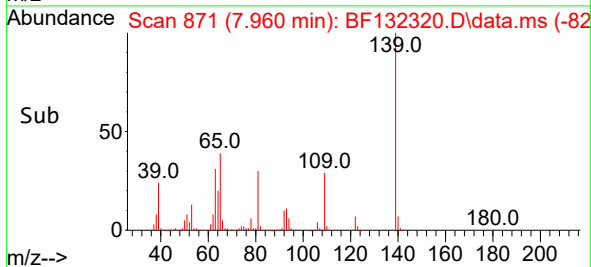
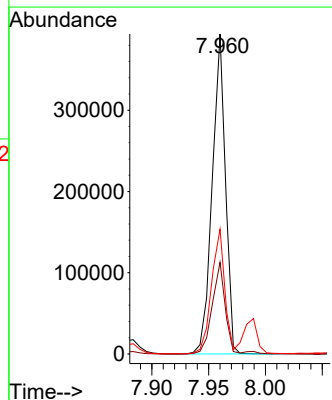
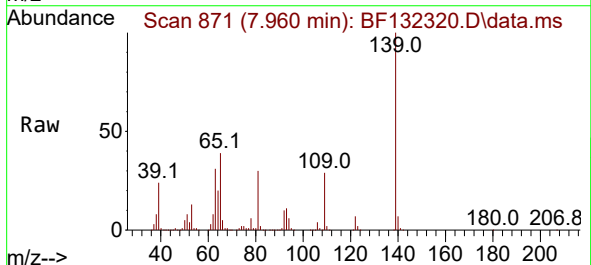
Instrument :
BNA_F
ClientSampleId :
PB150659BS

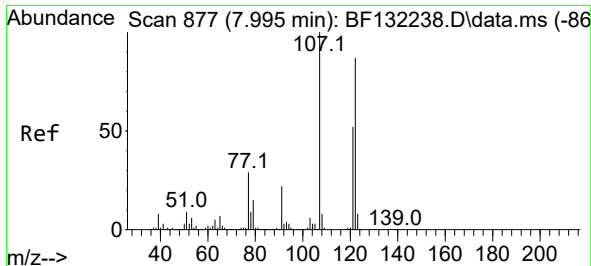
Tgt Ion: 82 Resp: 1026548
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 21.0 15.0 22.6



#26
2-Nitrophenol
Concen: 44.514 ng
RT: 7.960 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:139 Resp: 318623
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.6
65 39.0 36.6 55.0

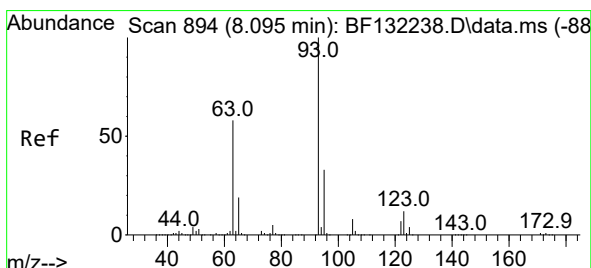
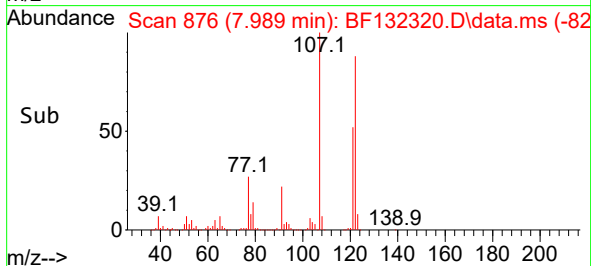
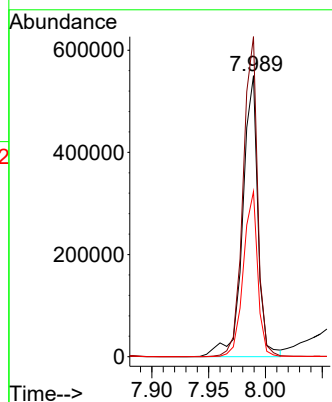
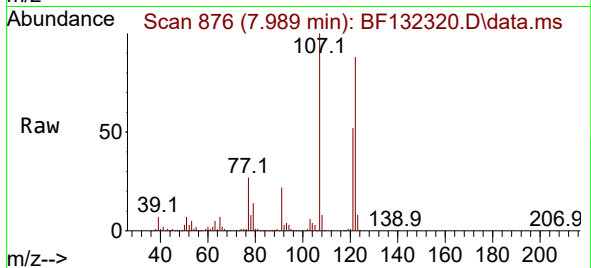




#27
2,4-Dimethylphenol
Concen: 41.222 ng
RT: 7.989 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

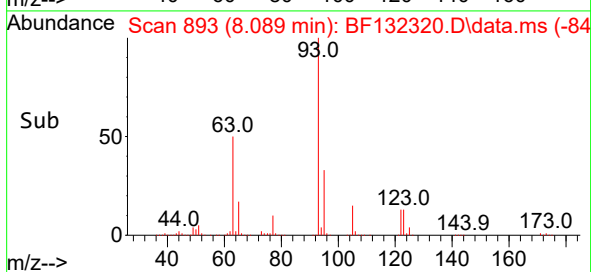
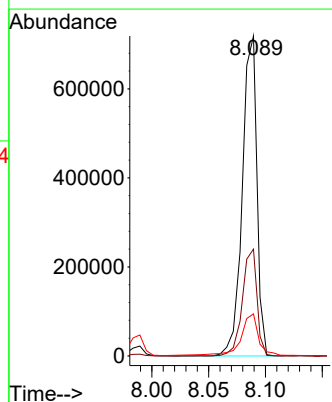
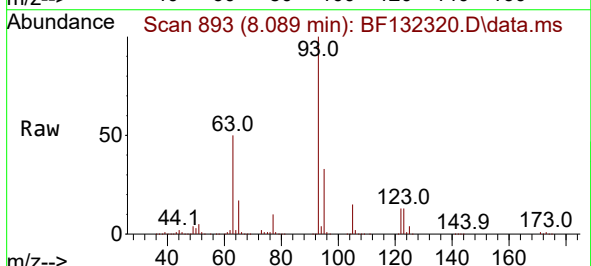
Instrument :
BNA_F
ClientSampleId :
PB150659BS

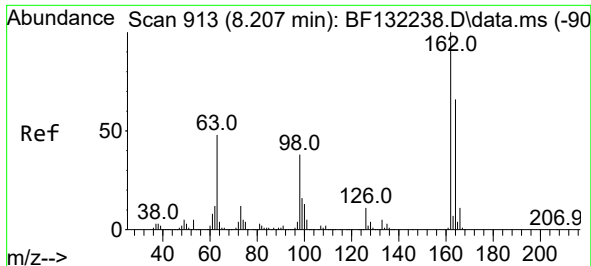
Tgt Ion:122 Resp: 516465
Ion Ratio Lower Upper
122 100
107 113.9 91.9 137.9
121 58.7 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.263 ng
RT: 8.089 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion: 93 Resp: 641949
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 13.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.194 ng

RT: 8.201 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

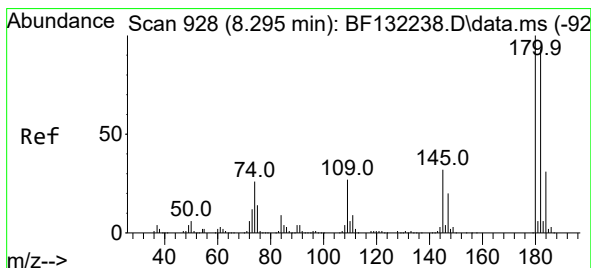
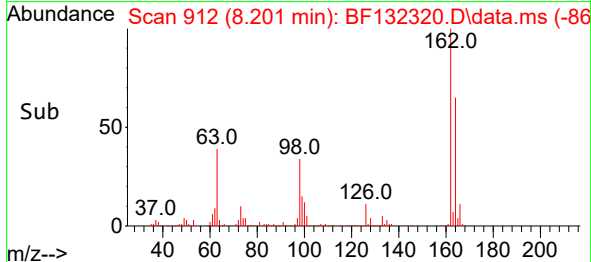
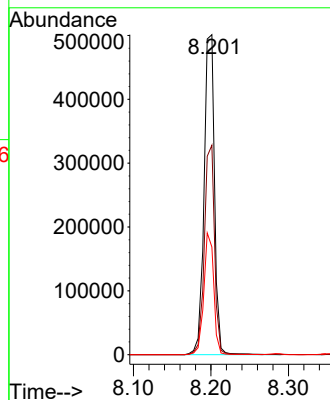
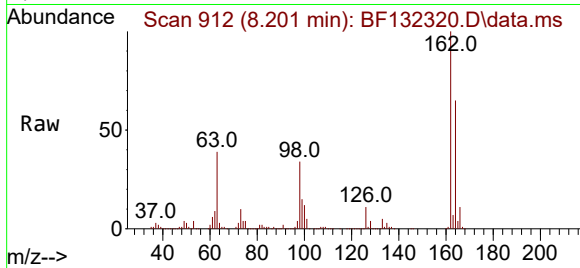
Tgt Ion:162 Resp: 469341

Ion Ratio Lower Upper

162 100

164 65.4 46.4 86.4

98 33.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 42.919 ng

RT: 8.283 min Scan# 926

Delta R.T. -0.006 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

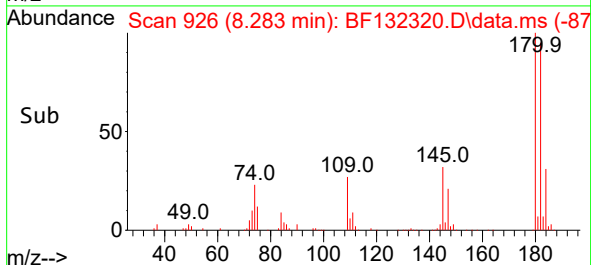
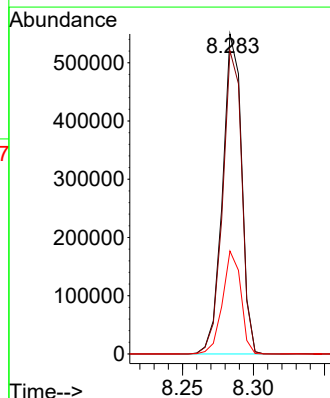
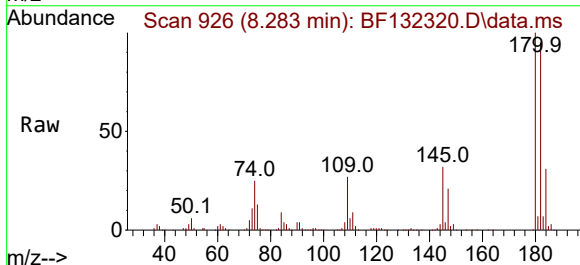
Tgt Ion:180 Resp: 511237

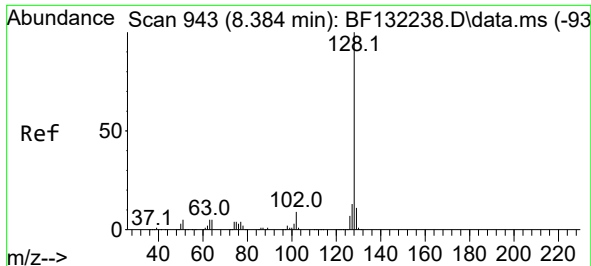
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 32.2 25.3 37.9

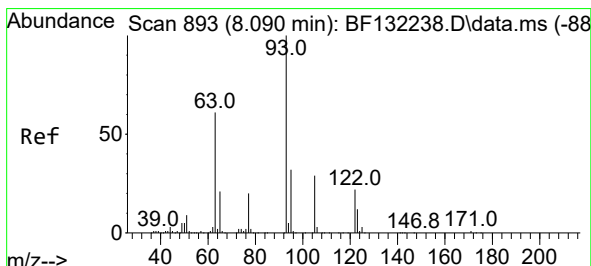
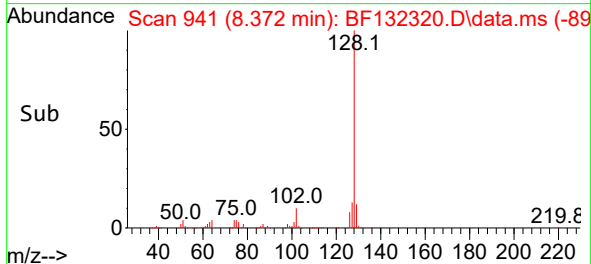
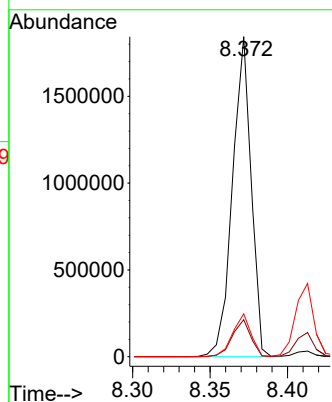
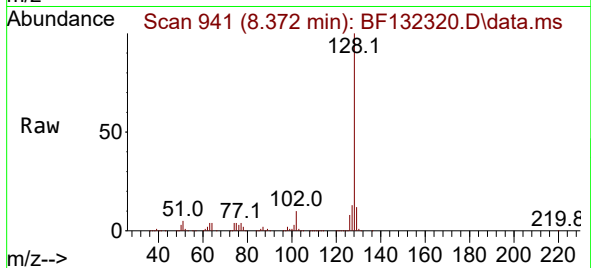




#31
Naphthalene
Concen: 39.179 ng
RT: 8.372 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

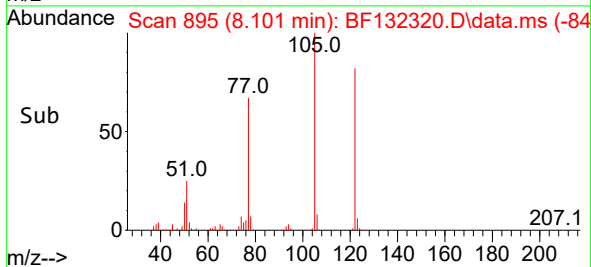
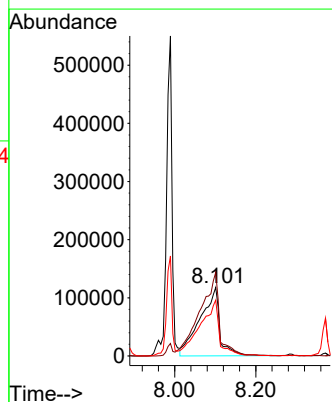
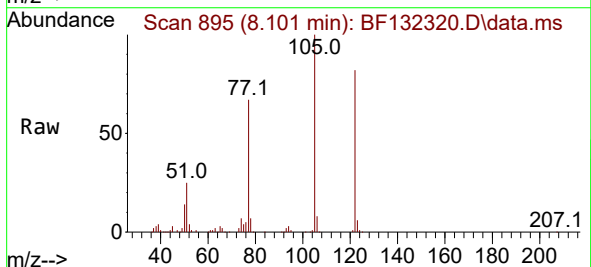
Instrument :
BNA_F
ClientSampleId :
PB150659BS

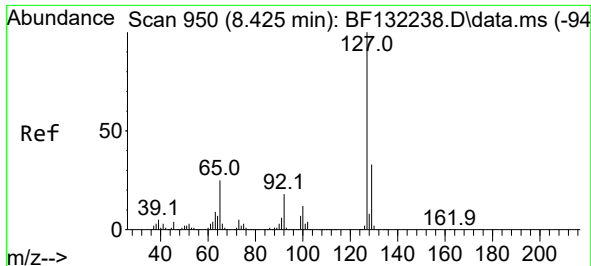
Tgt Ion:128 Resp: 1543649
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 42.666 ng
RT: 8.101 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:122 Resp: 395680
Ion Ratio Lower Upper
122 100
105 122.0 106.3 146.3
77 81.6 70.6 110.6



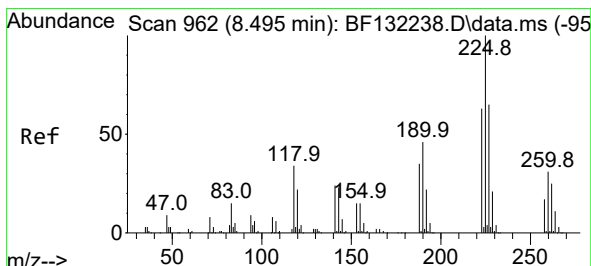
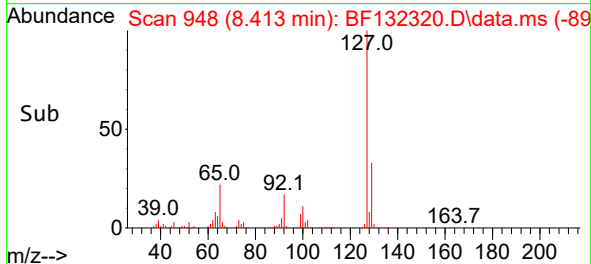
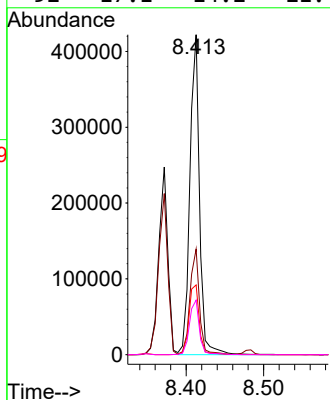
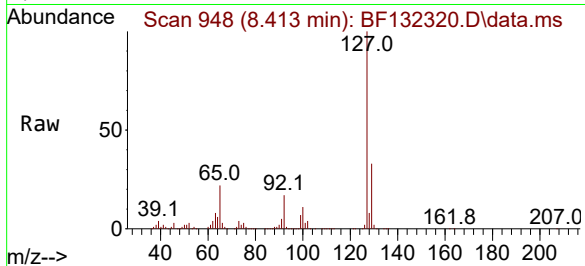


#33
4-Chloroaniline
Concen: 20.803 ng
RT: 8.413 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB150659BS

Tgt Ion:127 Resp: 363453

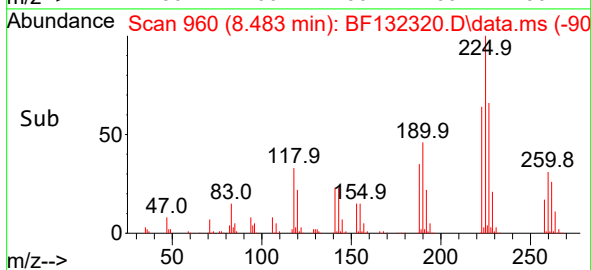
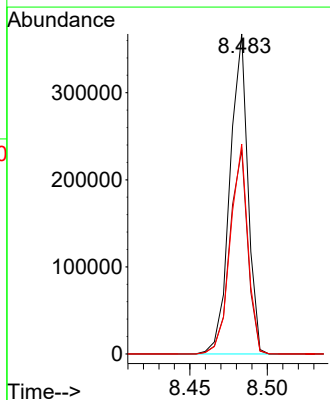
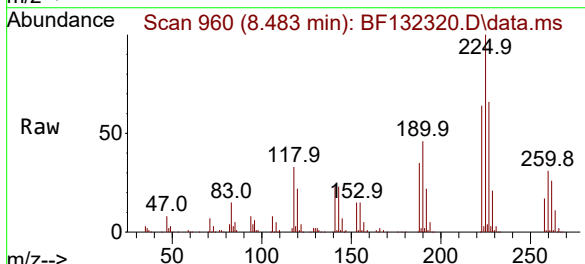
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	21.8	20.2	30.2
92	17.1	14.2	21.4

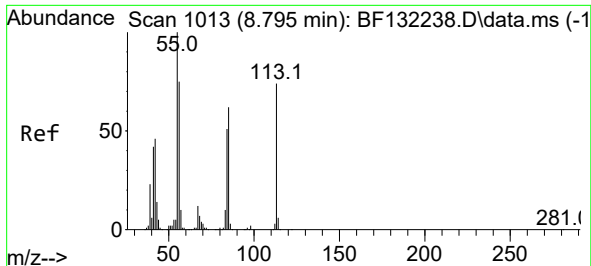


#34
Hexachlorobutadiene
Concen: 44.101 ng
RT: 8.483 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:225 Resp: 295316

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	65.6	51.7	77.5

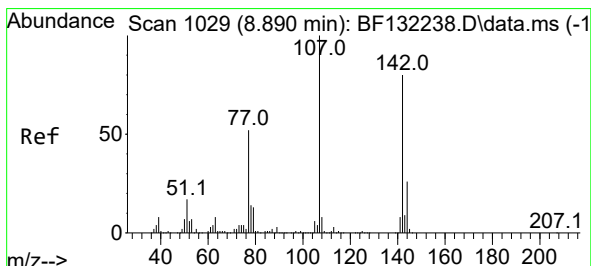
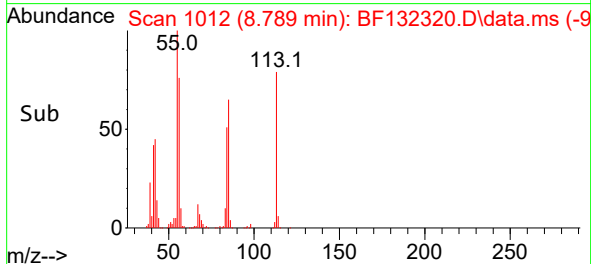
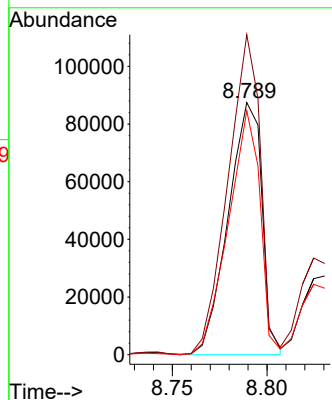
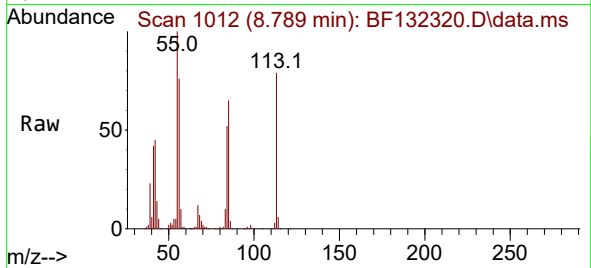




#35
Caprolactam
Concen: 28.381 ng
RT: 8.789 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

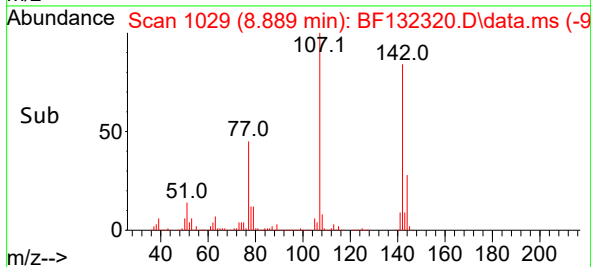
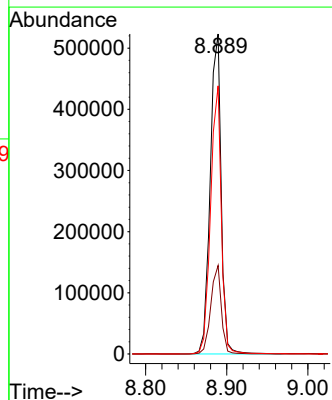
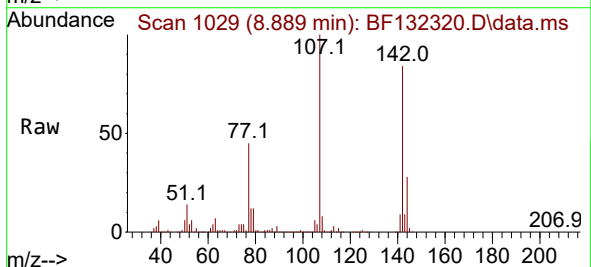
Instrument :
BNA_F
ClientSampleId :
PB150659BS

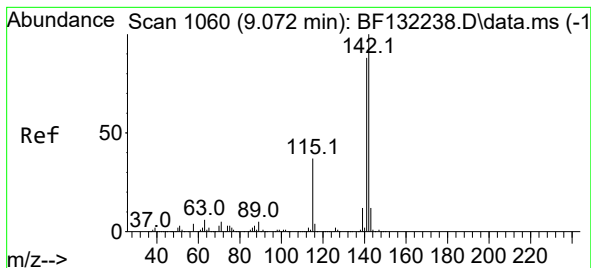
Tgt Ion:113 Resp: 107622
Ion Ratio Lower Upper
113 100
55 126.9 114.7 154.7
56 96.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 40.790 ng
RT: 8.889 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:107 Resp: 488809
Ion Ratio Lower Upper
107 100
144 27.7 20.5 30.7
142 83.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 38.610 ng

RT: 9.066 min Scan# 1059

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

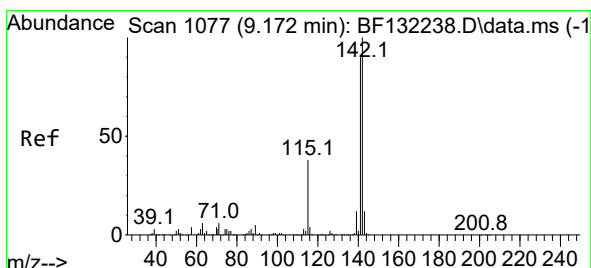
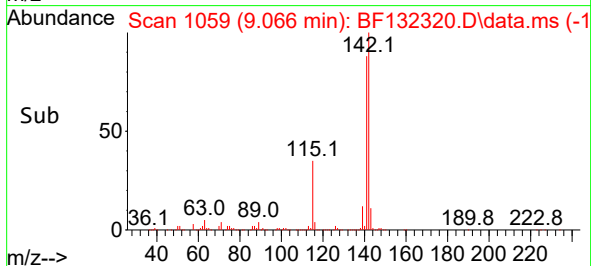
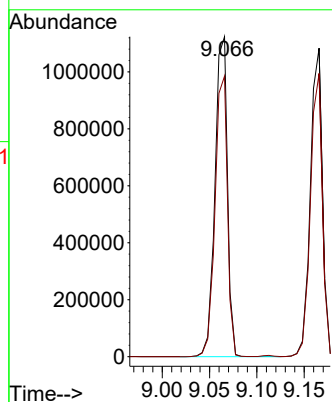
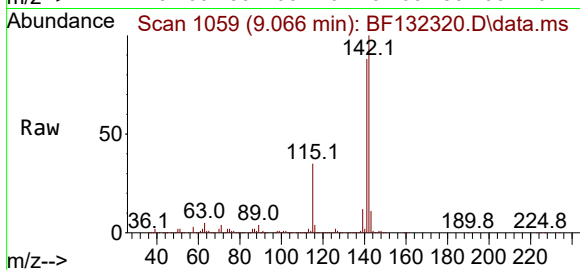
PB150659BS

Tgt Ion:142 Resp: 1030417

Ion Ratio Lower Upper

142 100

141 87.7 70.1 105.1



#38

1-Methylnaphthalene

Concen: 38.561 ng

RT: 9.166 min Scan# 1076

Delta R.T. -0.000 min

Lab File: BF132320.D

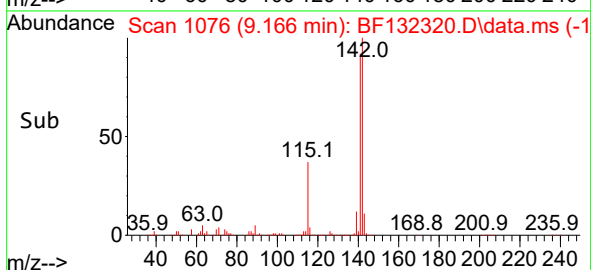
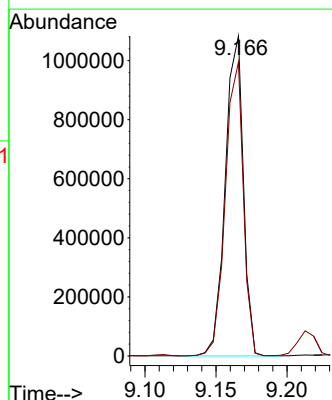
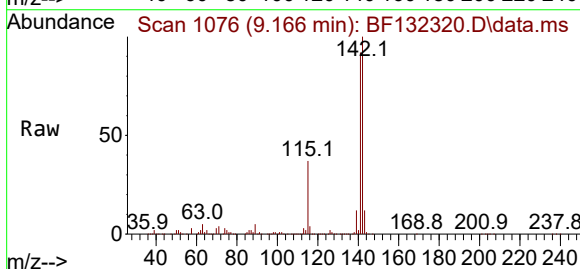
Acq: 03 Feb 2023 13:58

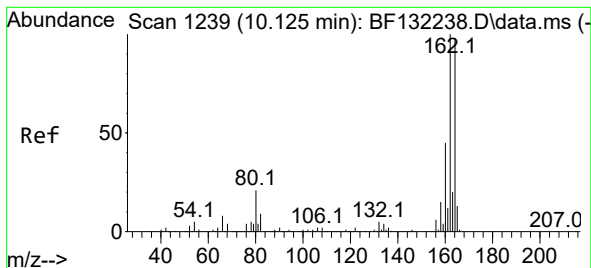
Tgt Ion:142 Resp: 956359

Ion Ratio Lower Upper

142 100

141 91.8 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.113 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

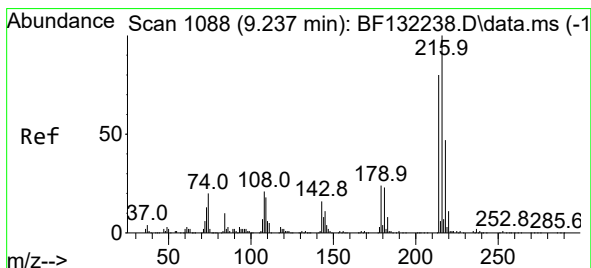
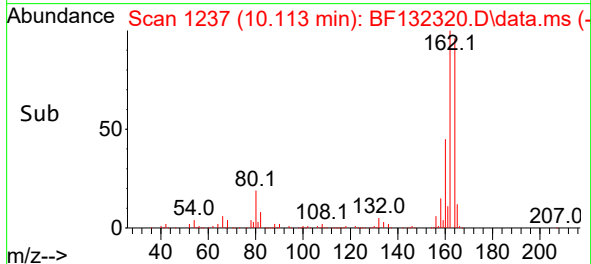
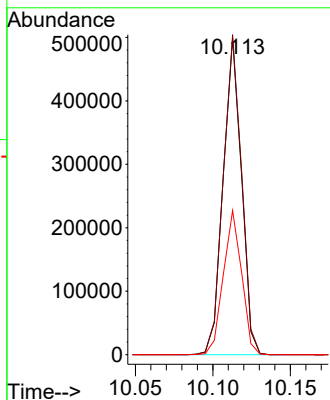
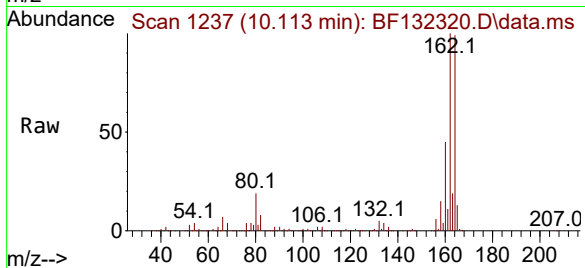
Tgt Ion:164 Resp: 409570

Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

160 45.6 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.013 ng

RT: 9.230 min Scan# 1087

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Tgt Ion:216 Resp: 472705

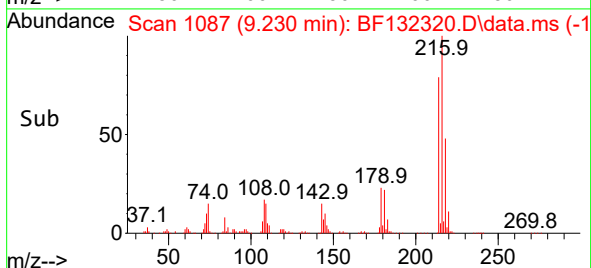
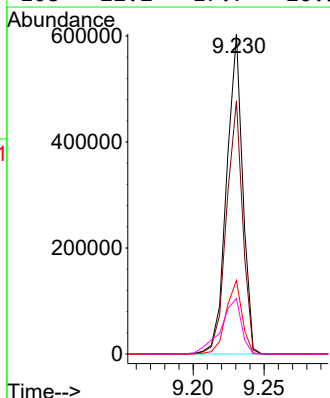
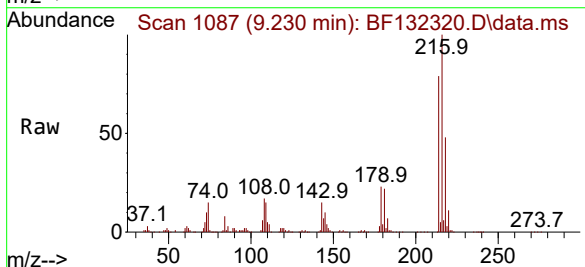
Ion Ratio Lower Upper

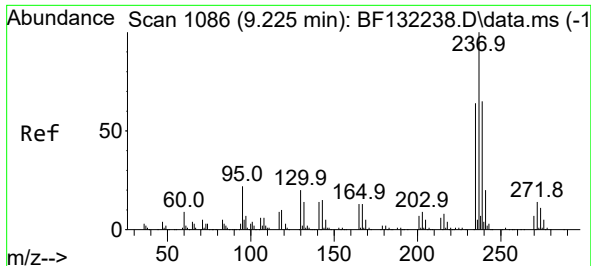
216 100

214 79.5 63.6 95.4

179 23.0 18.3 27.5

108 22.2 17.7 26.5

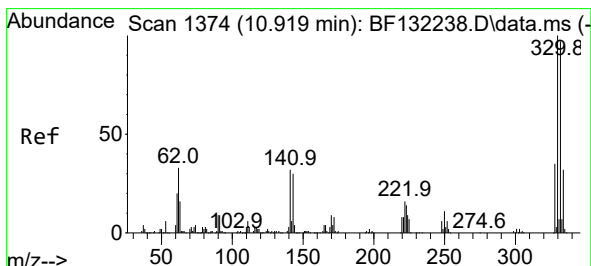
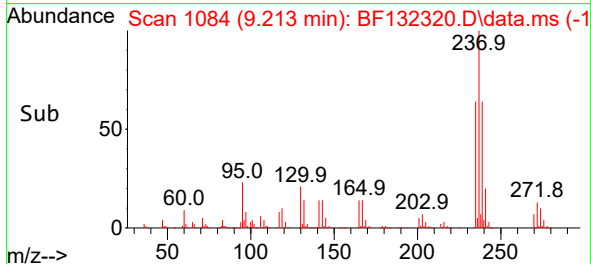
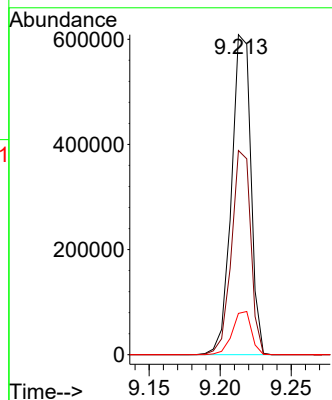
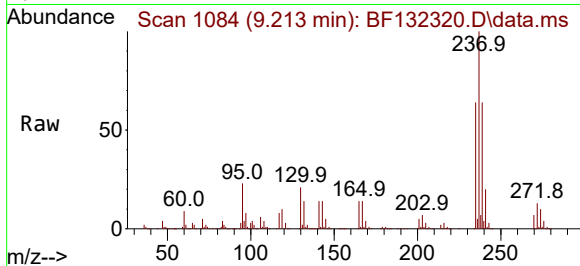




#41
Hexachlorocyclopentadiene
Concen: 86.132 ng
RT: 9.213 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

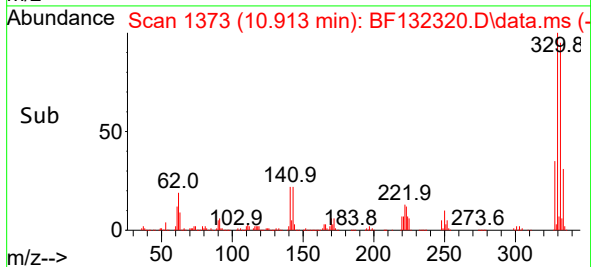
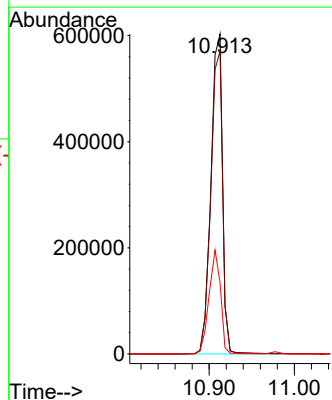
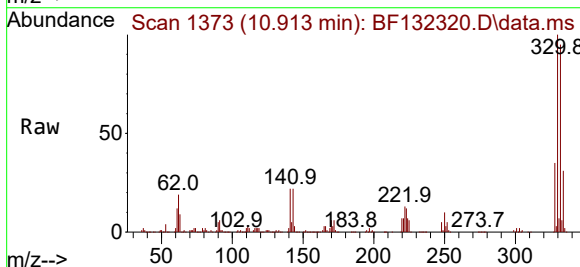
Instrument :
BNA_F
ClientSampleId :
PB150659BS

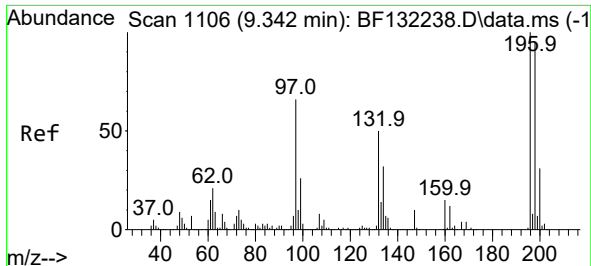
Tgt Ion:237 Resp: 579190
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 12.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.839 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:330 Resp: 572137
Ion Ratio Lower Upper
330 100
332 95.6 77.9 116.9
141 32.2 31.0 46.4

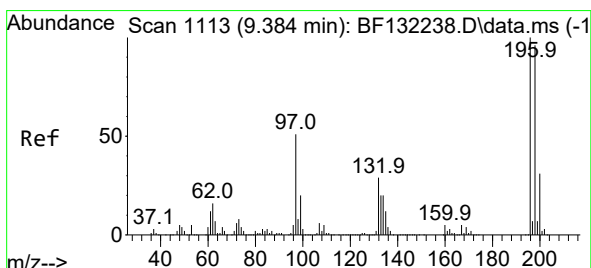
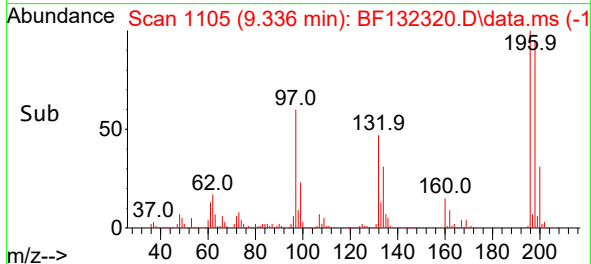
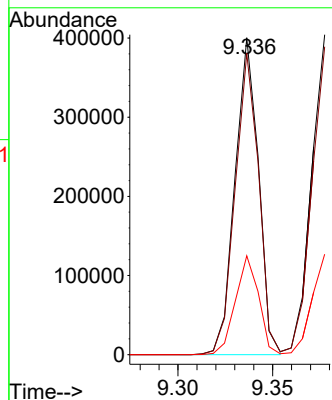
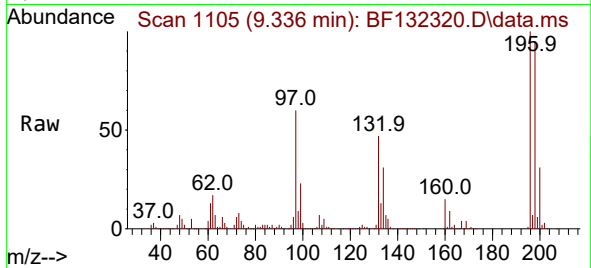




#43
2,4,6-Trichlorophenol
Concen: 41.719 ng
RT: 9.336 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

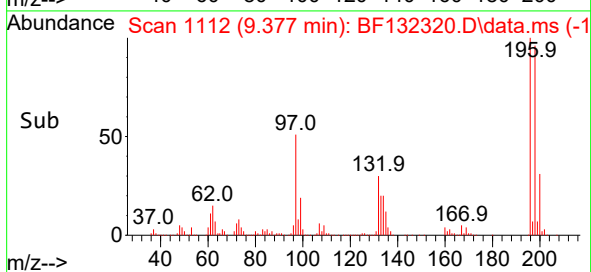
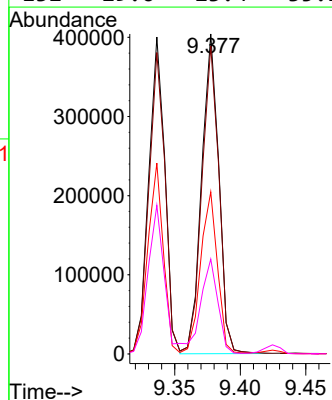
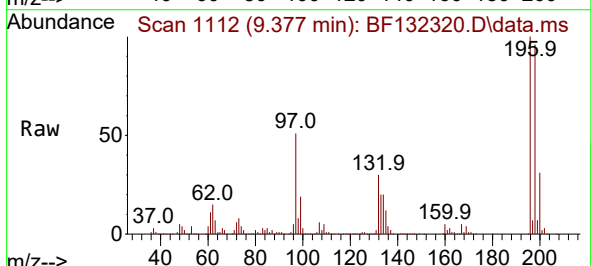
Instrument :
BNA_F
ClientSampleId :
PB150659BS

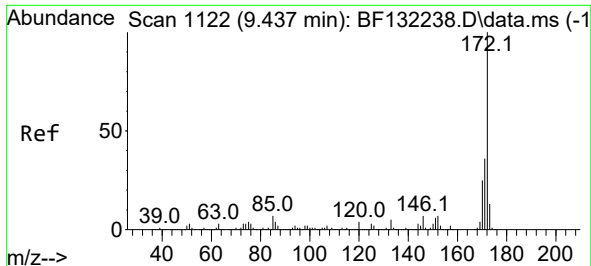
Tgt Ion:196 Resp: 343719
Ion Ratio Lower Upper
196 100
198 95.1 75.9 113.9
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 38.803 ng
RT: 9.377 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:196 Resp: 367966
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
97 50.6 41.2 61.8
132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 72.930 ng

RT: 9.425 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

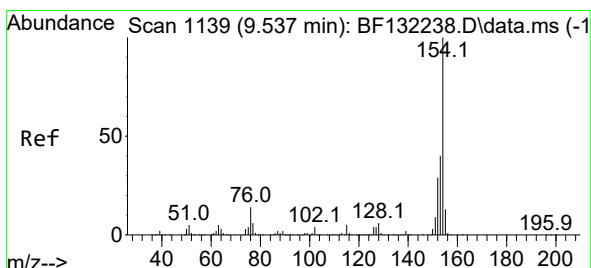
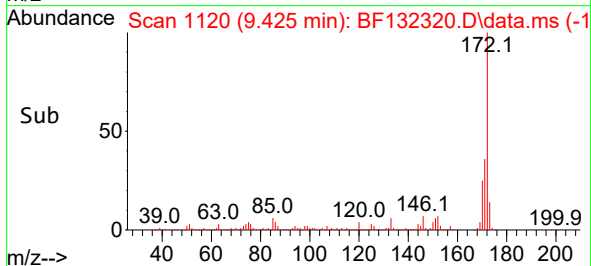
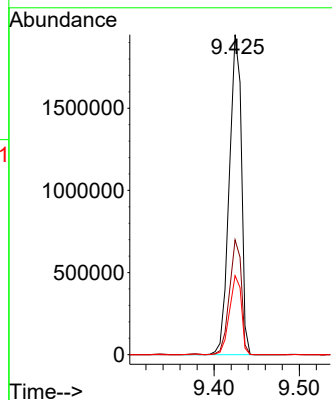
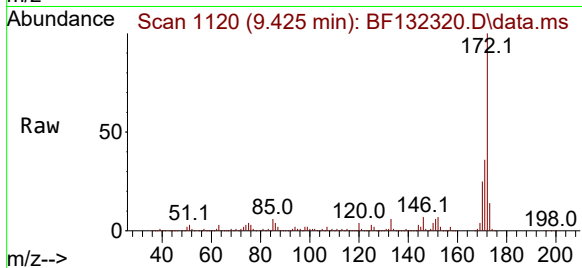
Tgt Ion:172 Resp: 1934262

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.7 19.7 29.5



#46

1,1'-Biphenyl

Concen: 38.943 ng

RT: 9.530 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

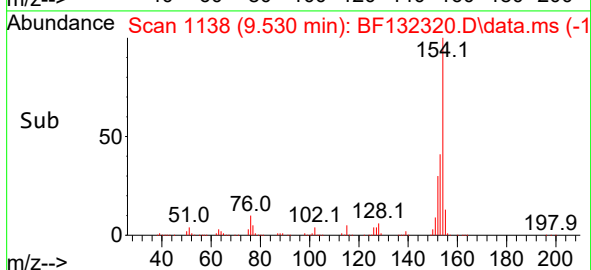
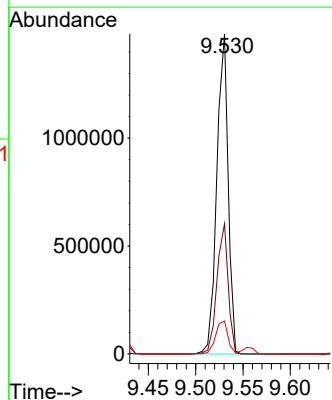
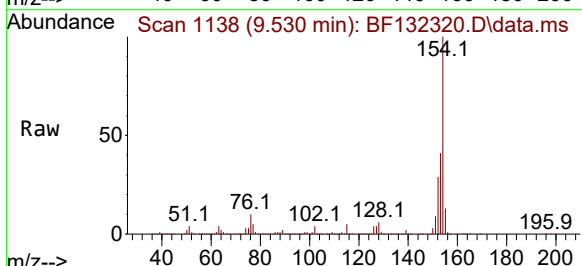
Tgt Ion:154 Resp: 1229639

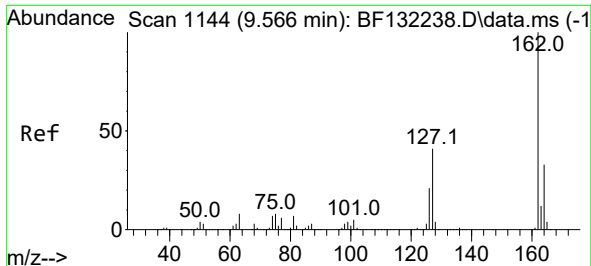
Ion Ratio Lower Upper

154 100

153 40.7 19.9 59.9

76 10.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.873 ng

RT: 9.560 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

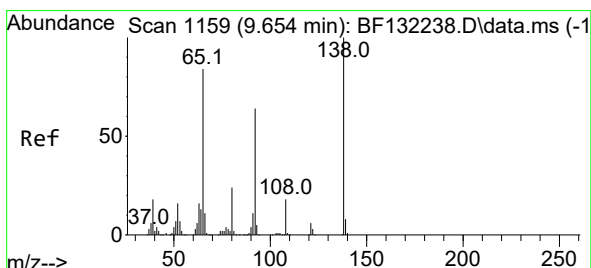
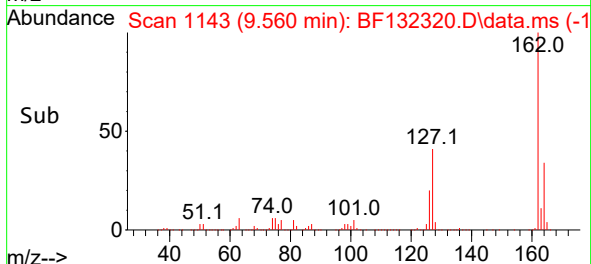
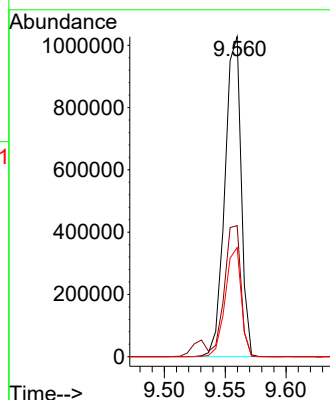
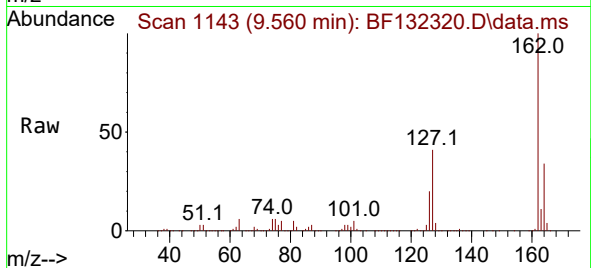
Tgt Ion:162 Resp: 958917

Ion Ratio Lower Upper

162 100

127 40.9 33.3 49.9

164 34.1 26.8 40.2



#48

2-Nitroaniline

Concen: 34.658 ng

RT: 9.648 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

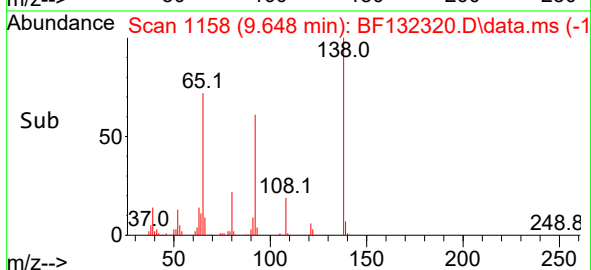
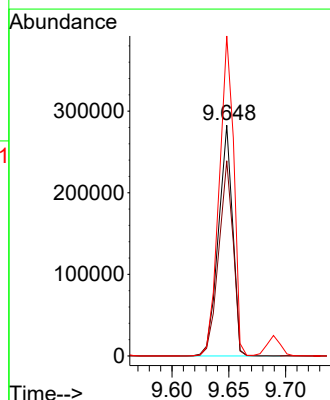
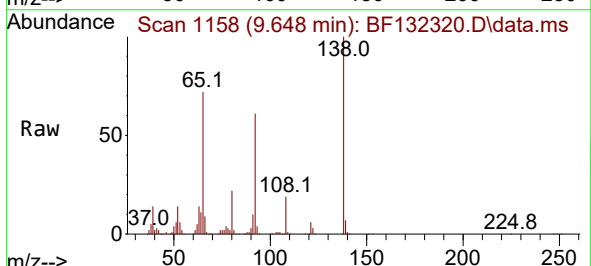
Tgt Ion: 65 Resp: 247889

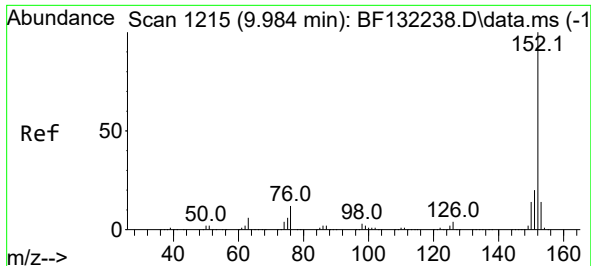
Ion Ratio Lower Upper

65 100

92 84.6 61.0 91.4

138 138.7 95.0 142.4





#49

Acenaphthylene

Concen: 38.037 ng

RT: 9.977 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

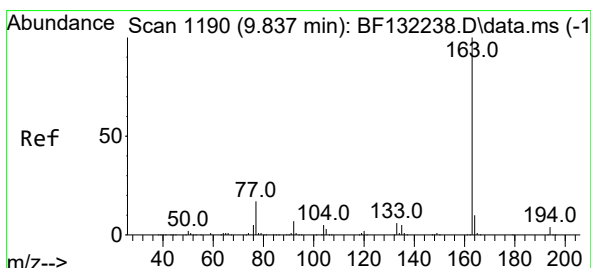
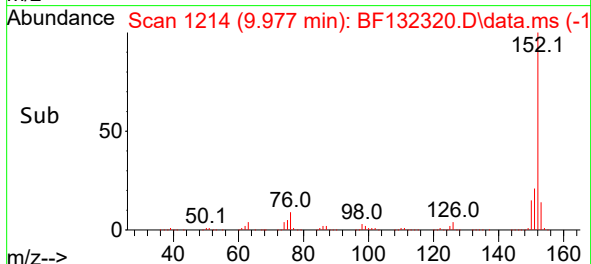
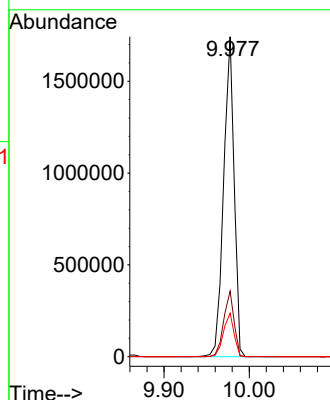
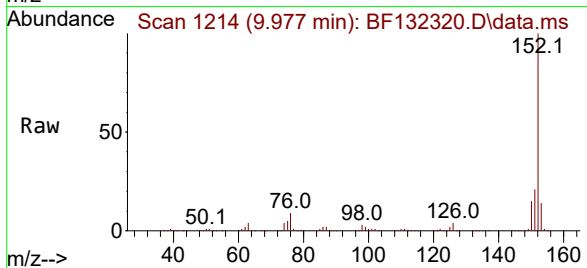
Tgt Ion:152 Resp: 1492966

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 39.603 ng

RT: 9.825 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

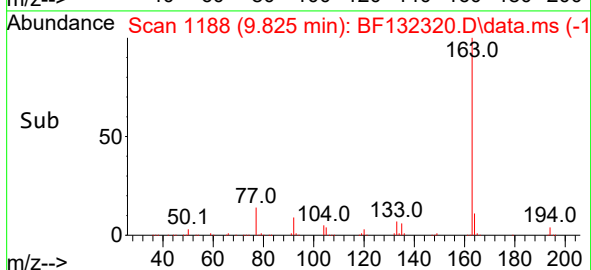
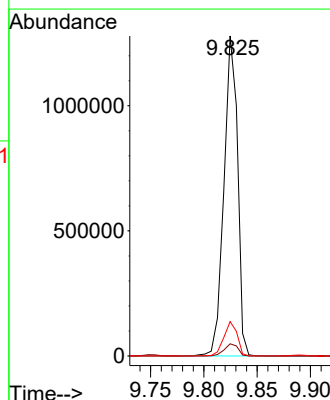
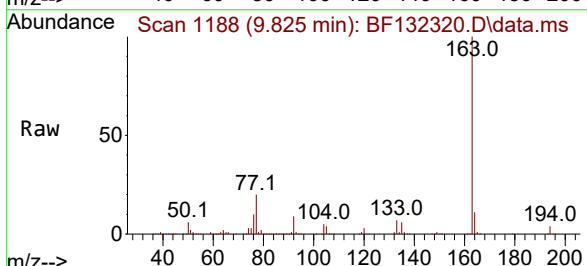
Tgt Ion:163 Resp: 1134600

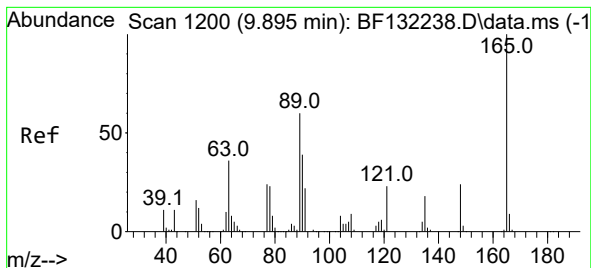
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.8 7.9 11.9

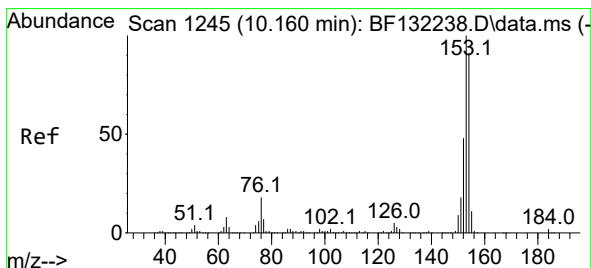
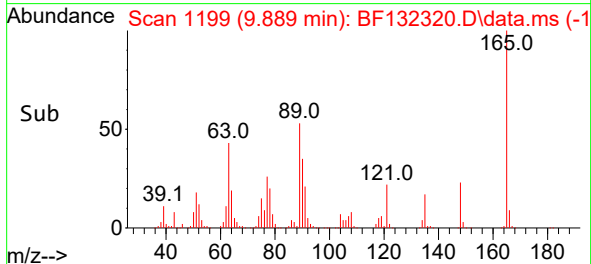
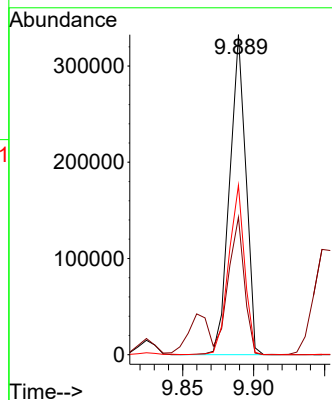
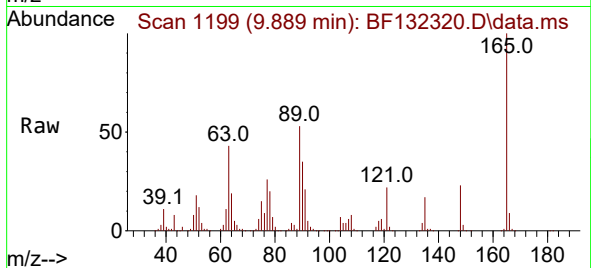




#51
2,6-Dinitrotoluene
Concen: 41.300 ng
RT: 9.889 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

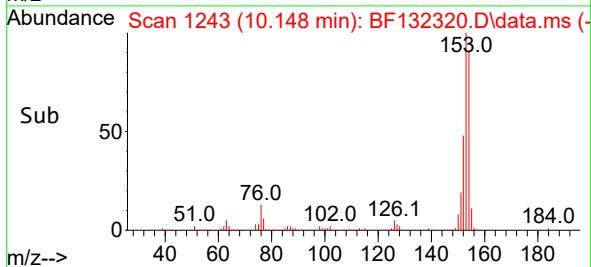
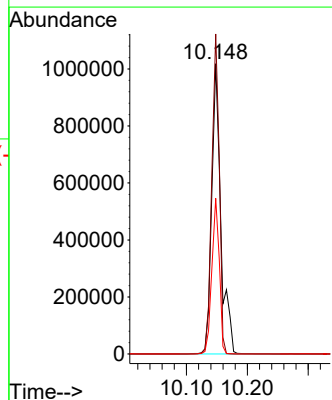
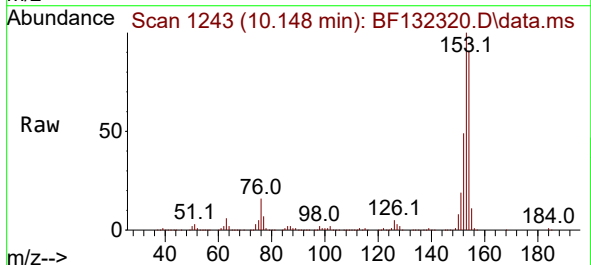
Instrument :
BNA_F
ClientSampleId :
PB150659BS

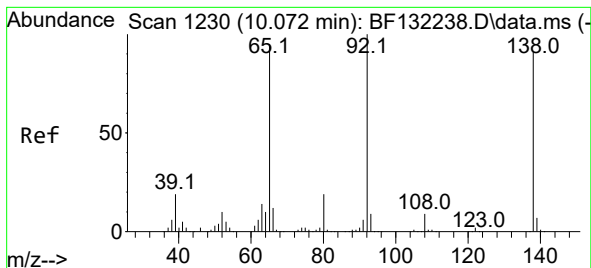
Tgt Ion:165 Resp: 264261
Ion Ratio Lower Upper
165 100
63 42.9 41.5 62.3
89 53.0 48.1 72.1



#52
Acenaphthene
Concen: 43.309 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:154 Resp: 1064232
Ion Ratio Lower Upper
154 100
153 110.2 88.3 132.5
152 53.6 42.7 64.1

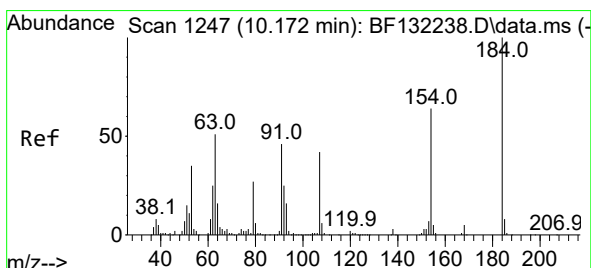
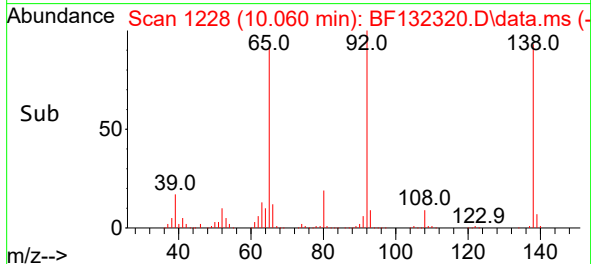
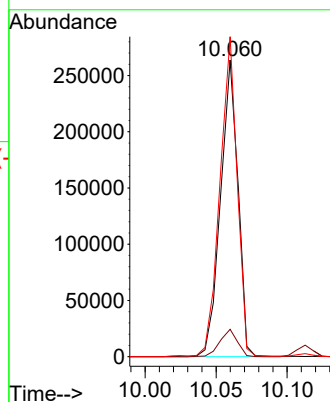
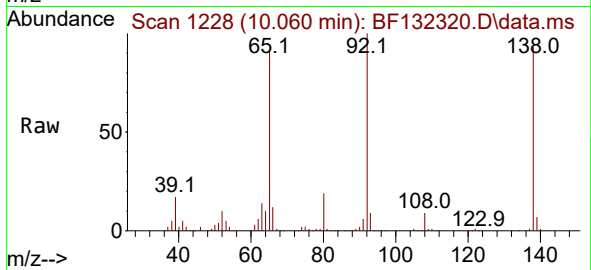




#53
3-Nitroaniline
Concen: 28.931 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

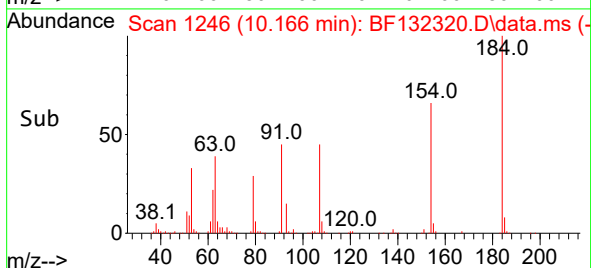
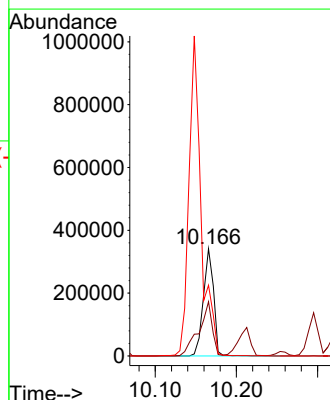
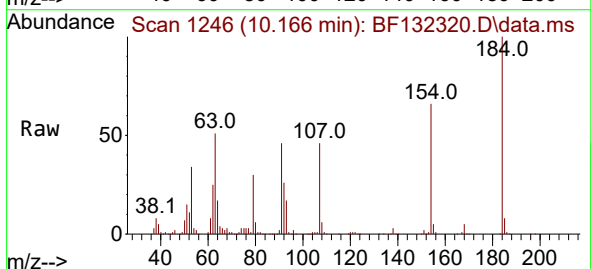
Instrument :
BNA_F
ClientSampleId :
PB150659BS

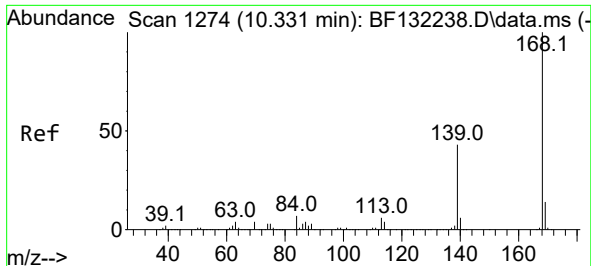
Tgt Ion:138 Resp: 224494
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 107.9 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 80.669 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:184 Resp: 299344
Ion Ratio Lower Upper
184 100
63 50.6 41.6 62.4
154 65.9 57.0 85.6

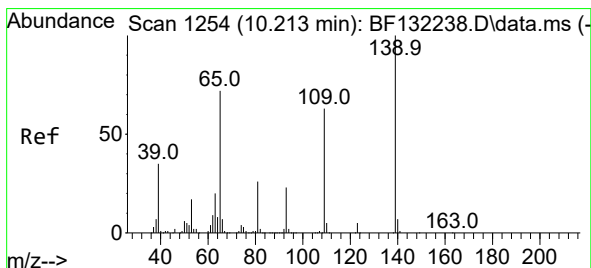
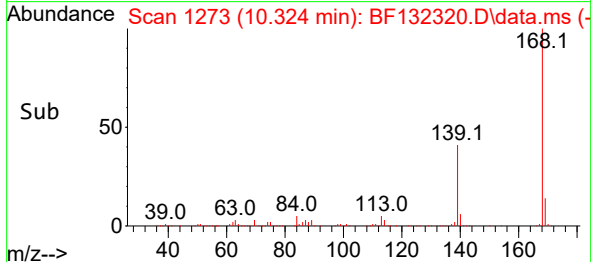
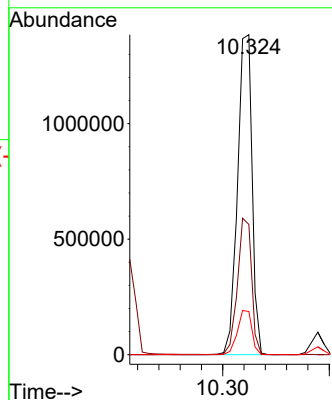
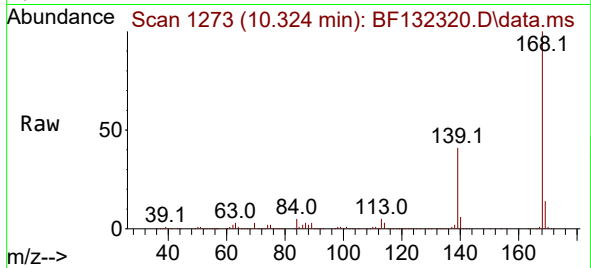




#55
Dibenzofuran
Concen: 38.147 ng
RT: 10.324 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

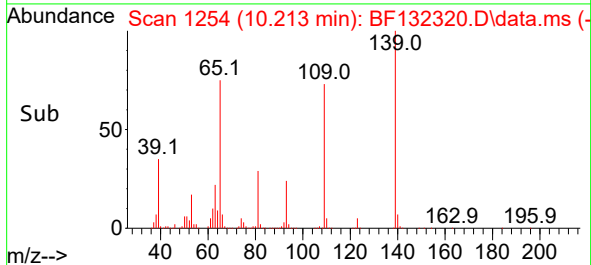
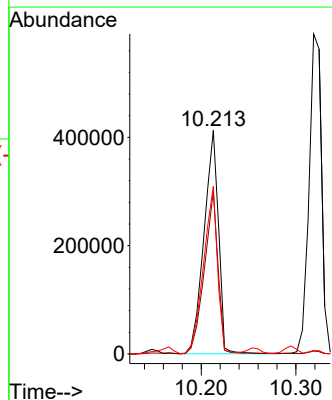
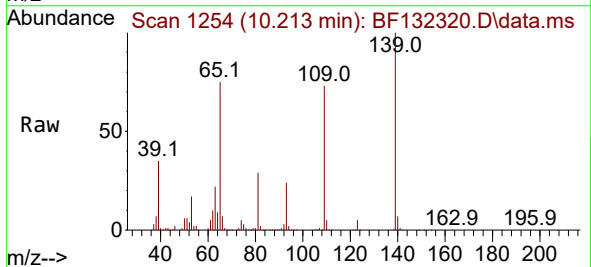
Instrument :
BNA_F
ClientSampleId :
PB150659BS

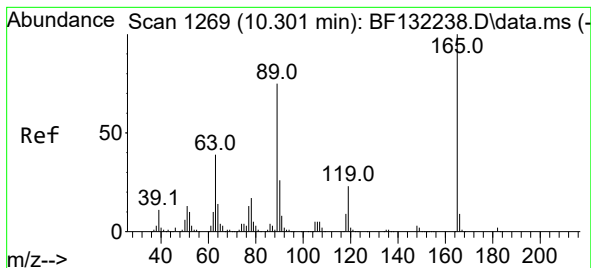
Tgt Ion:168 Resp: 1317067
Ion Ratio Lower Upper
168 100
139 40.7 34.2 51.4
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 75.103 ng
RT: 10.213 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:139 Resp: 438533
Ion Ratio Lower Upper
139 100
109 73.0 43.3 83.3
65 75.0 52.3 92.3

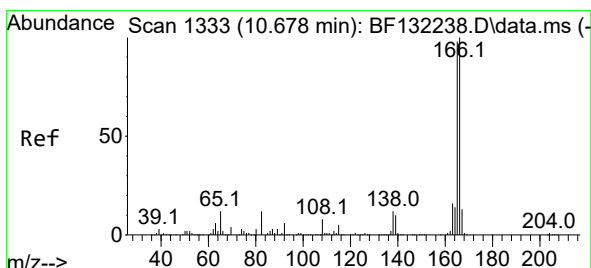
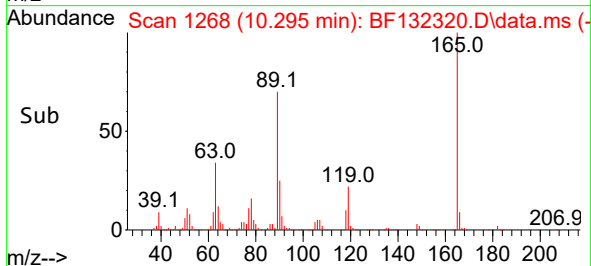
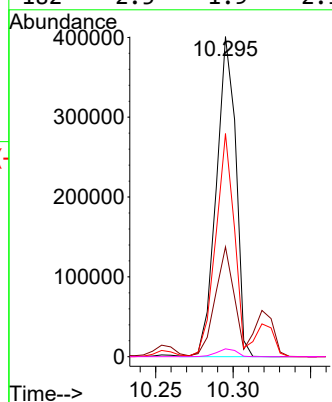
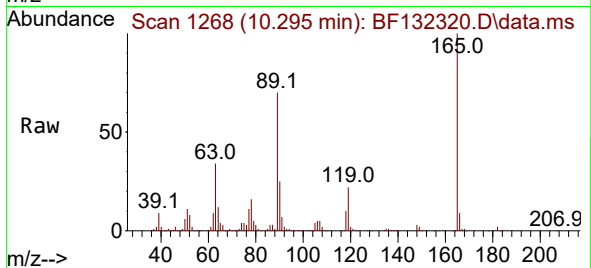




#57
2,4-Dinitrotoluene
Concen: 42.188 ng
RT: 10.295 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

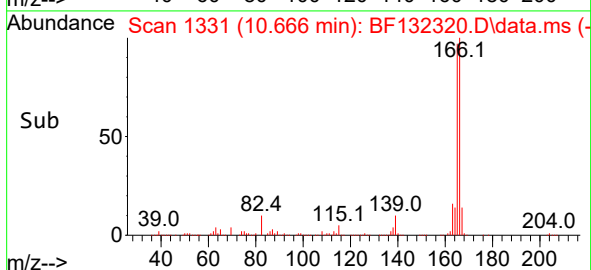
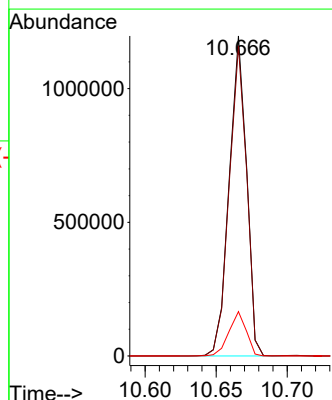
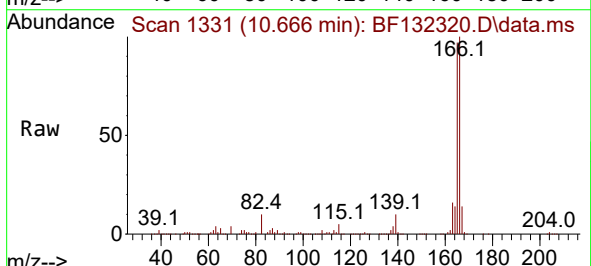
Instrument :
BNA_F
ClientSampleId :
PB150659BS

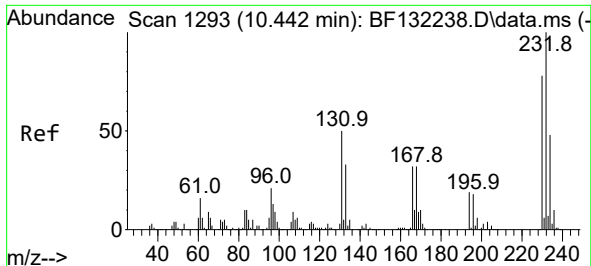
Tgt Ion:165 Resp: 350652
Ion Ratio Lower Upper
165 100
63 34.3 30.9 46.3
89 69.7 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 38.167 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:166 Resp: 1014140
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.8 10.8 16.2

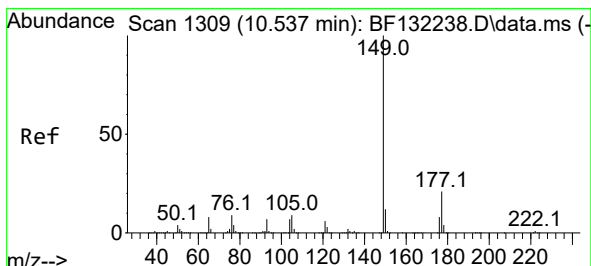
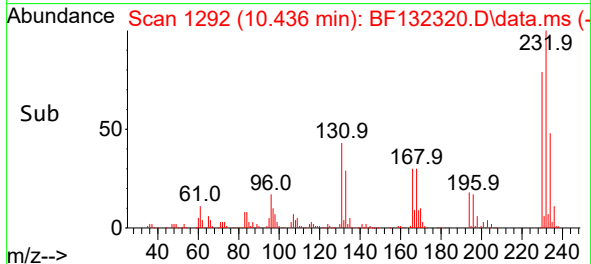
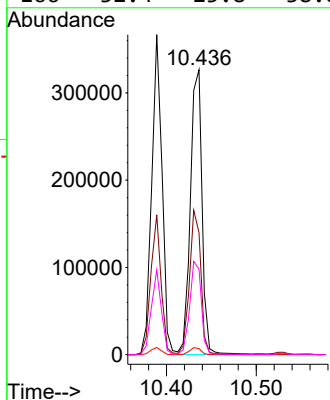
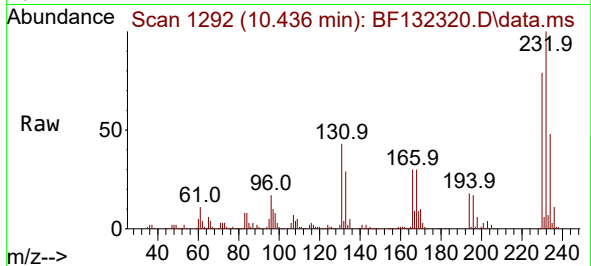




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.755 ng
RT: 10.436 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

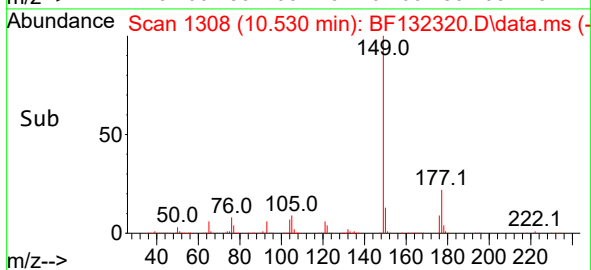
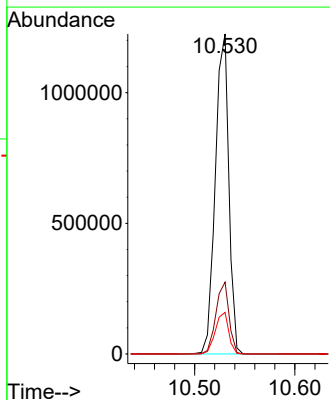
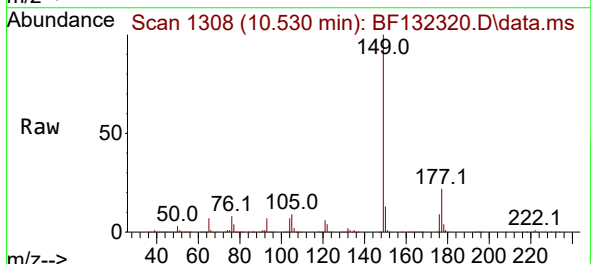
Instrument :
BNA_F
ClientSampleId :
PB150659BS

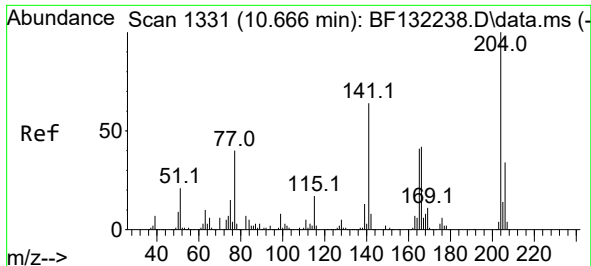
Tgt Ion:232 Resp: 295578
Ion Ratio Lower Upper
232 100
131 48.9 40.6 61.0
130 2.4 1.9 2.9
166 32.4 25.8 38.8



#60
Diethylphthalate
Concen: 40.127 ng
RT: 10.530 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:149 Resp: 1143664
Ion Ratio Lower Upper
149 100
177 22.4 17.1 25.7
150 13.0 9.9 14.9

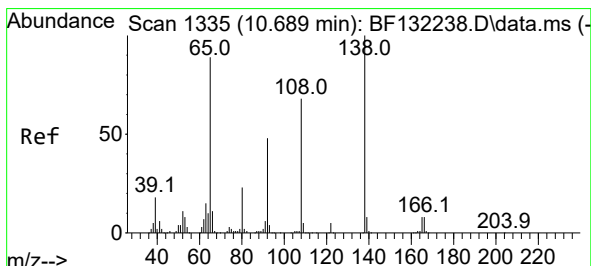
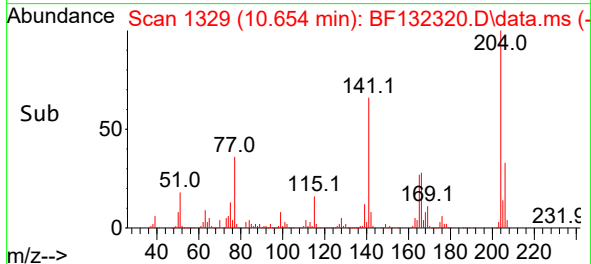
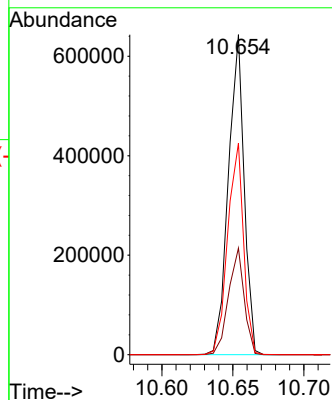
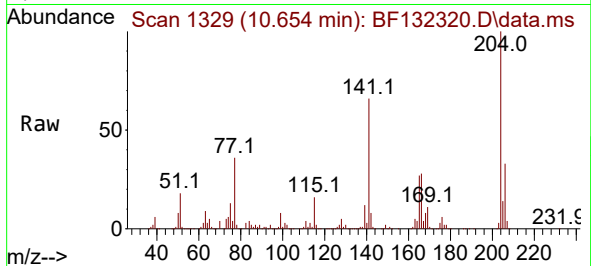




#61
4-Chlorophenyl-phenylether
Concen: 39.446 ng
RT: 10.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

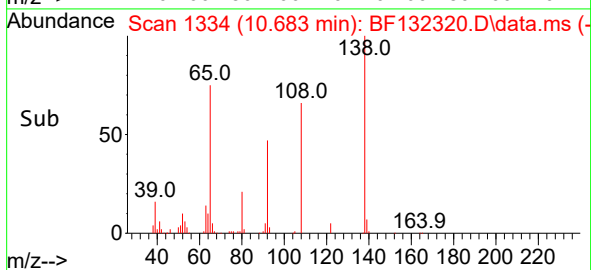
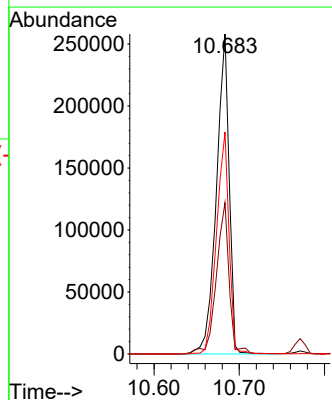
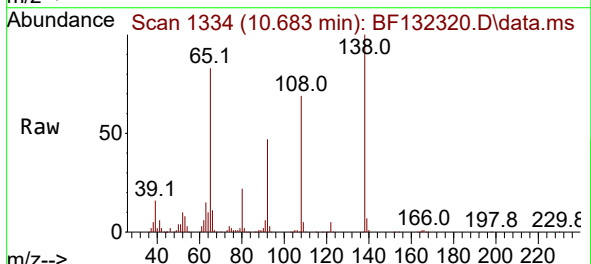
Instrument :
BNA_F
ClientSampleId :
PB150659BS

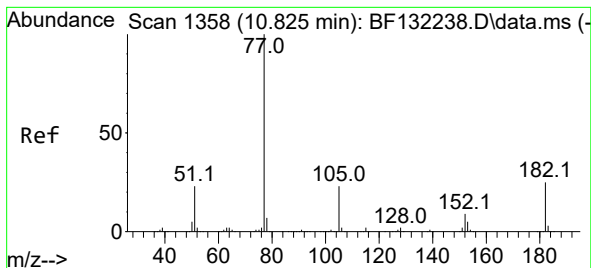
Tgt Ion:204 Resp: 497421
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 66.1 51.4 77.0



#62
4-Nitroaniline
Concen: 36.092 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:138 Resp: 268557
Ion Ratio Lower Upper
138 100
92 47.3 27.7 67.7
108 69.4 48.5 88.5





#63

Azobenzene

Concen: 35.064 ng

RT: 10.813 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

Tgt Ion: 77 Resp: 973452

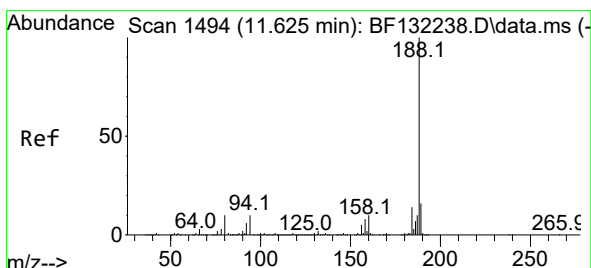
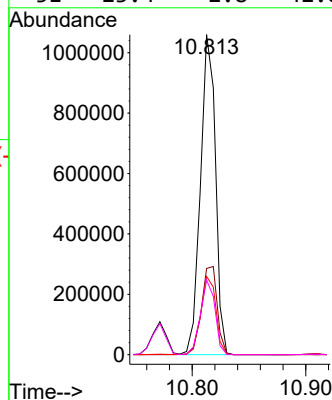
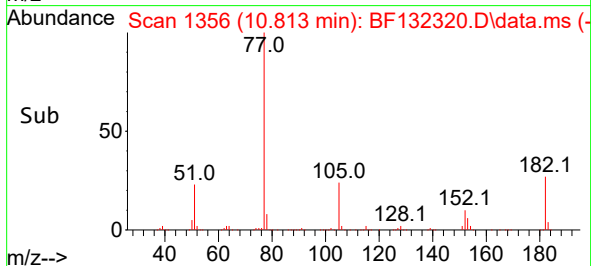
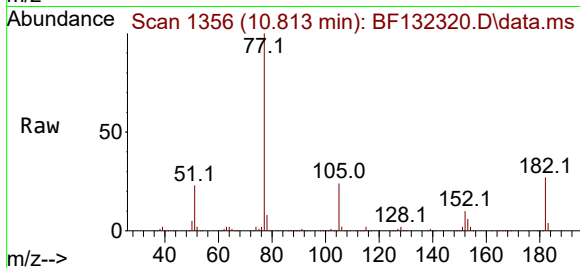
Ion Ratio Lower Upper

77 100

182 27.0 4.5 44.5

105 24.4 2.7 42.7

51 23.4 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1492

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

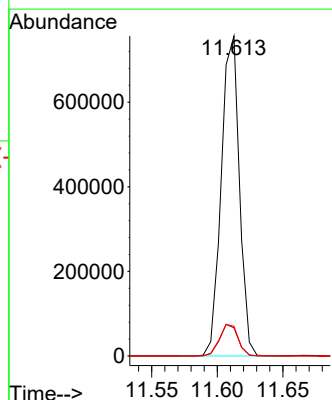
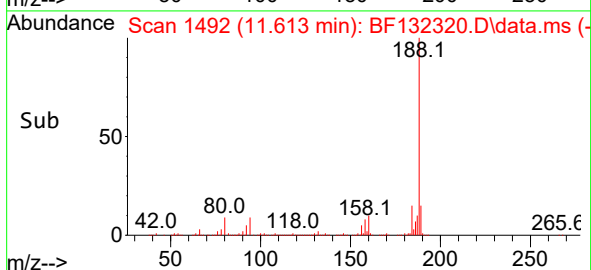
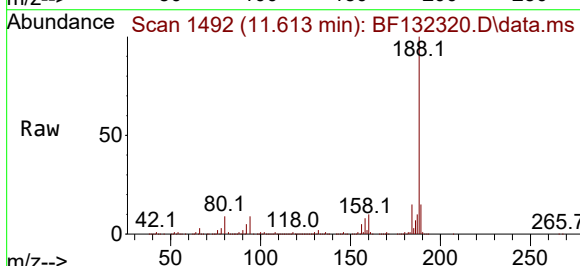
Tgt Ion: 188 Resp: 726230

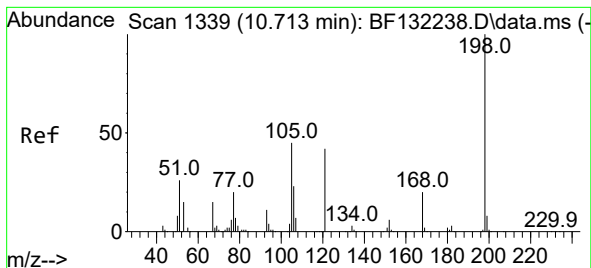
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.3 8.3 12.5

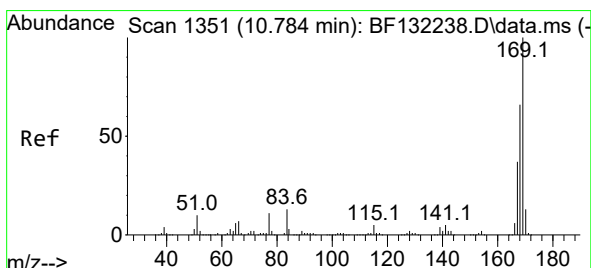
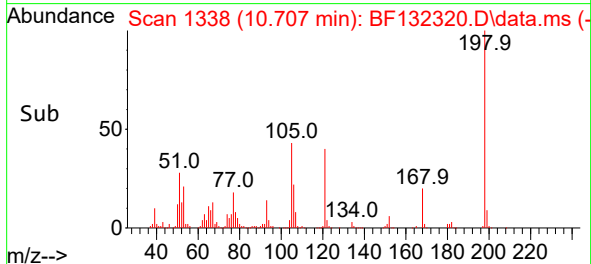
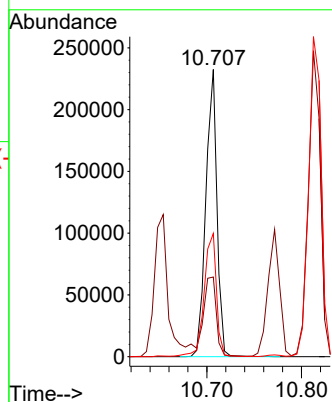
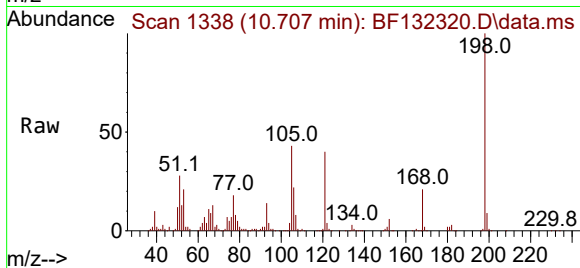




#65
4,6-Dinitro-2-methylphenol
Concen: 45.731 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

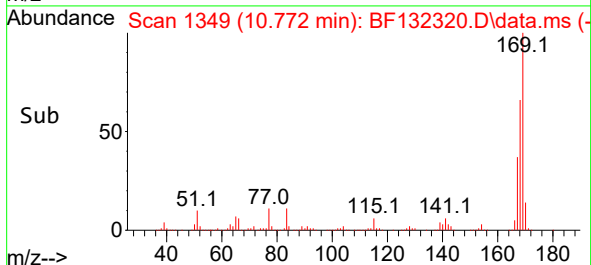
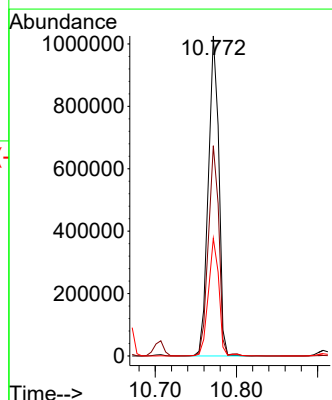
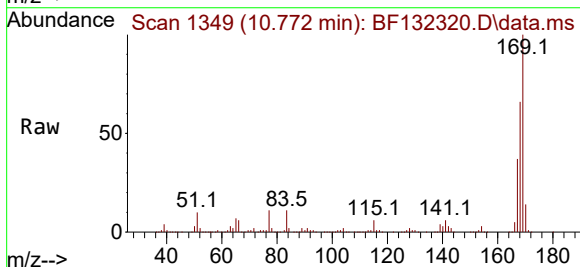
Instrument :
BNA_F
ClientSampleId :
PB150659BS

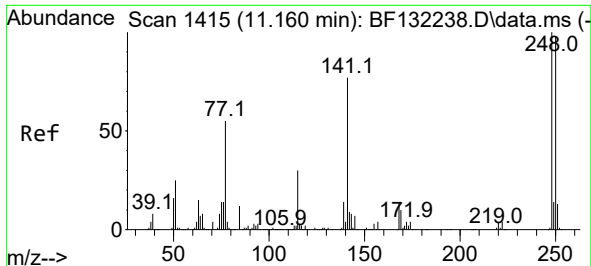
Tgt Ion:198 Resp: 188492
Ion Ratio Lower Upper
198 100
51 27.7 13.1 53.1
105 42.9 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.339 ng
RT: 10.772 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:169 Resp: 917341
Ion Ratio Lower Upper
169 100
168 65.7 52.6 79.0
167 36.7 29.5 44.3

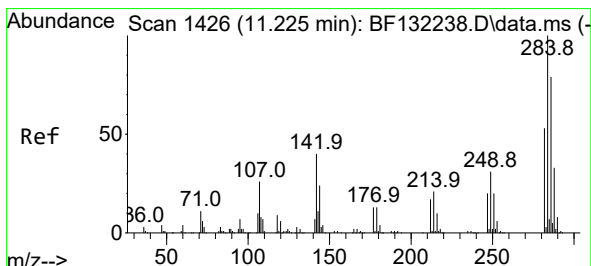
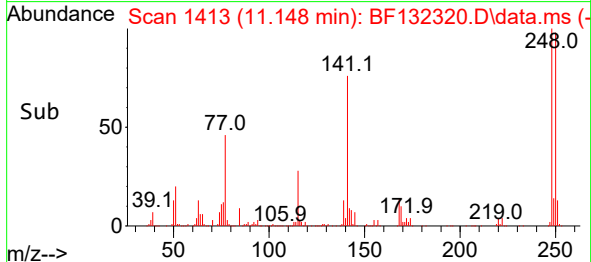
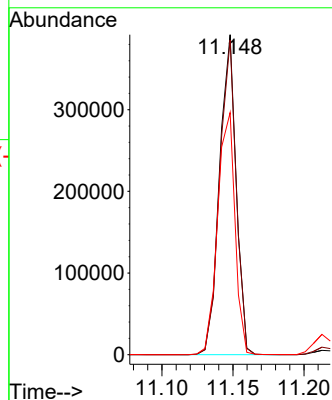
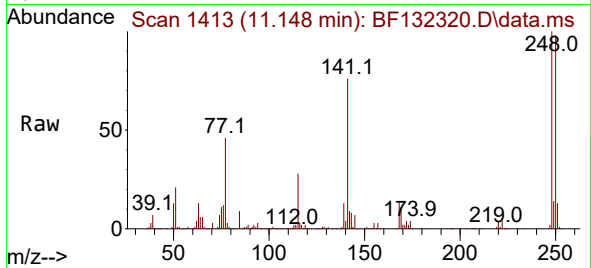




#67
4-Bromophenyl-phenylether
Concen: 42.894 ng
RT: 11.148 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

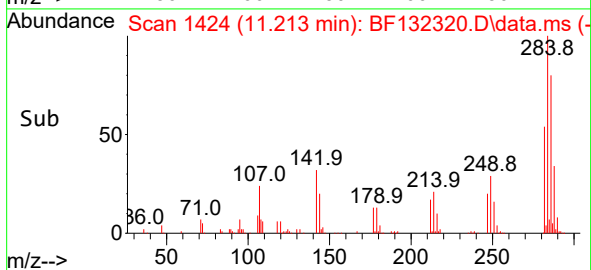
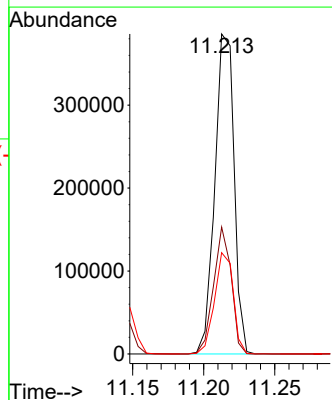
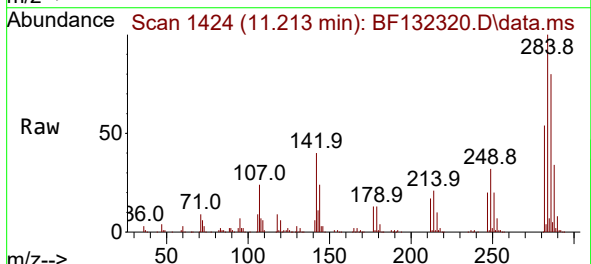
Instrument :
BNA_F
ClientSampleId :
PB150659BS

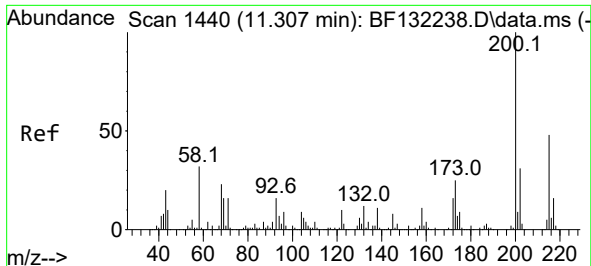
Tgt Ion:248 Resp: 318983
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 75.7 61.6 92.4



#68
Hexachlorobenzene
Concen: 45.744 ng
RT: 11.213 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:284 Resp: 363596
Ion Ratio Lower Upper
284 100
142 39.7 32.2 48.4
249 31.6 25.0 37.6

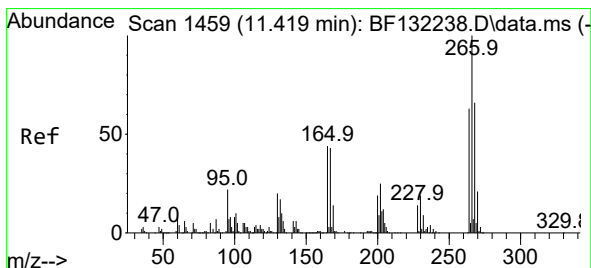
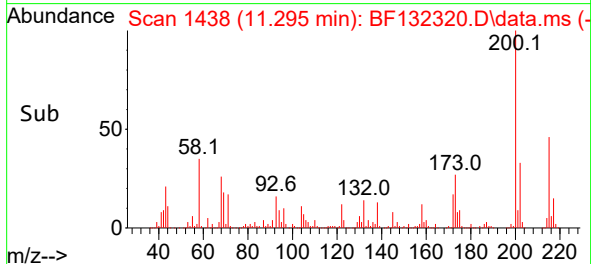
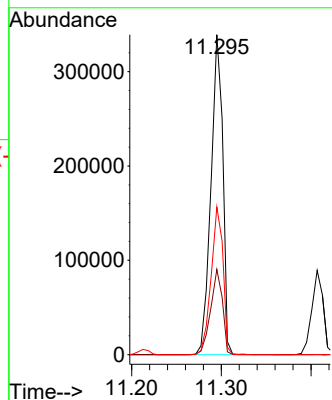
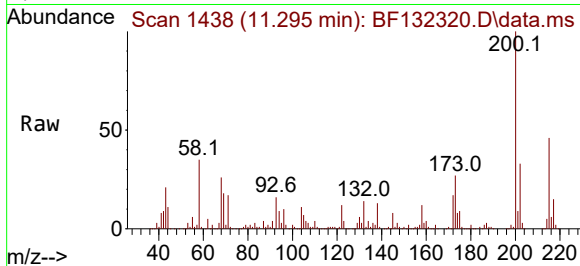




#69
 Atrazine
 Concen: 47.351 ng
 RT: 11.295 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

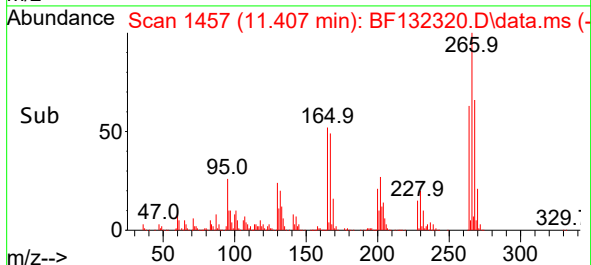
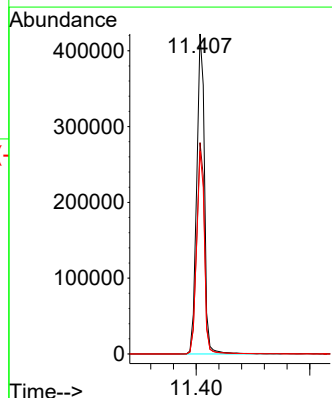
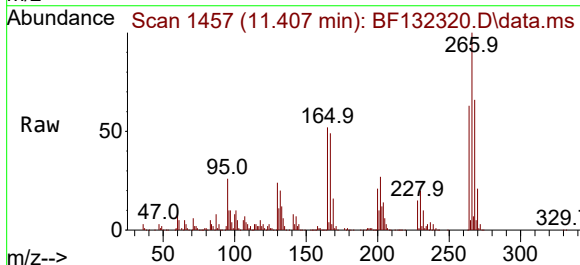
Instrument :
 BNA_F
 ClientSampleId :
 PB150659BS

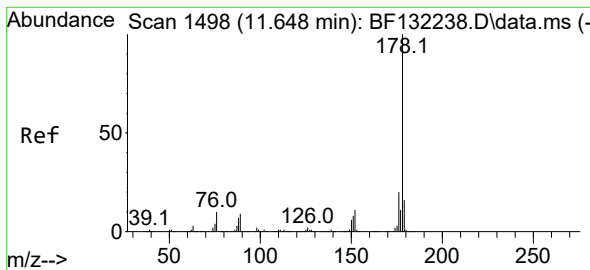
Tgt Ion:200 Resp: 309724
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.1 45.1
 215 46.1 27.6 67.6



#70
 Pentachlorophenol
 Concen: 74.112 ng
 RT: 11.407 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

Tgt Ion:266 Resp: 404751
 Ion Ratio Lower Upper
 266 100
 268 66.0 53.0 79.4
 264 63.3 50.5 75.7





#71

Phenanthrene

Concen: 39.312 ng

RT: 11.636 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

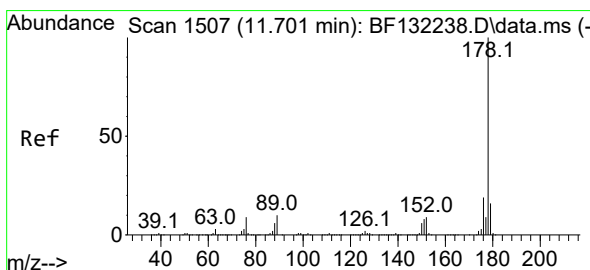
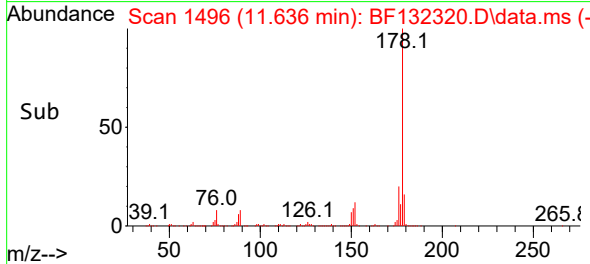
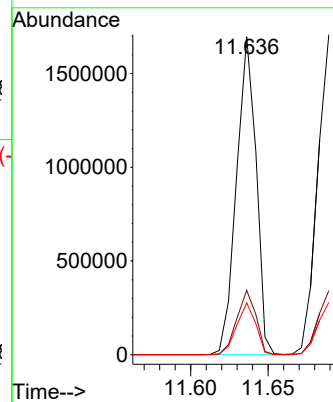
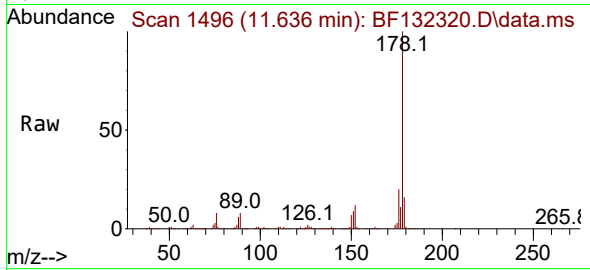
Tgt Ion:178 Resp: 1491861

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

179 16.3 12.8 19.2



#72

Anthracene

Concen: 38.902 ng

RT: 11.689 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

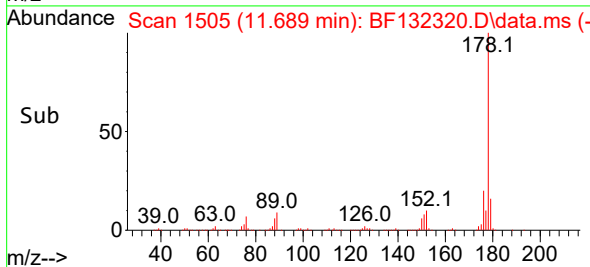
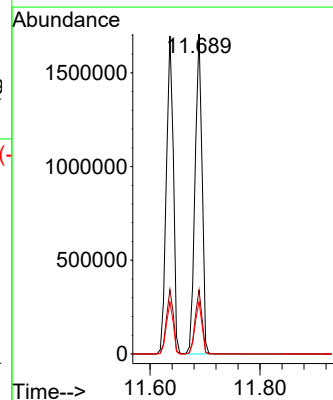
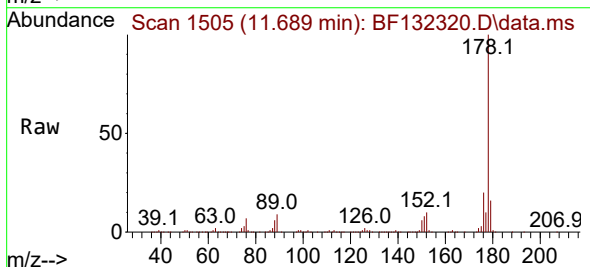
Tgt Ion:178 Resp: 1502444

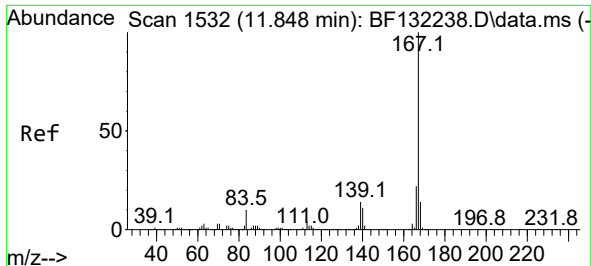
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 16.3 12.8 19.2

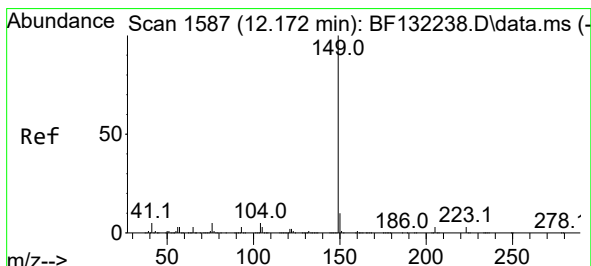
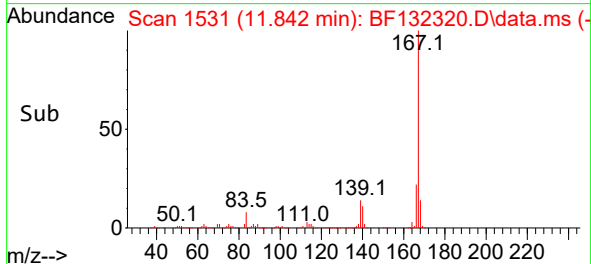
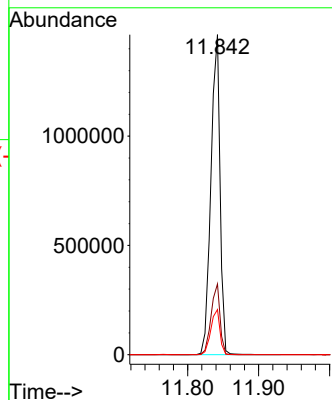
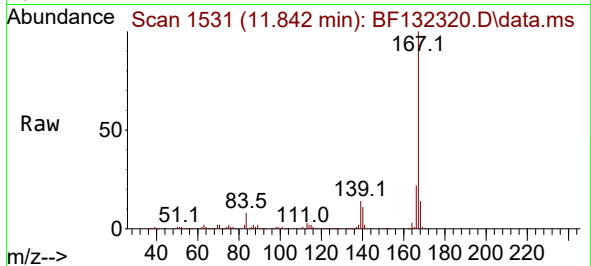




#73
 Carbazole
 Concen: 37.899 ng
 RT: 11.842 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

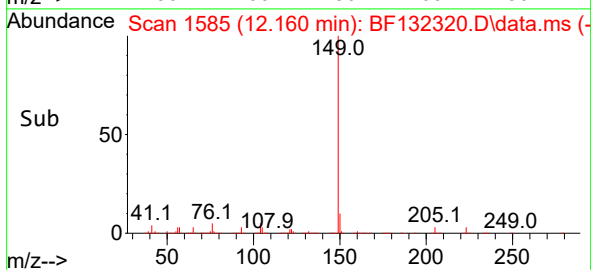
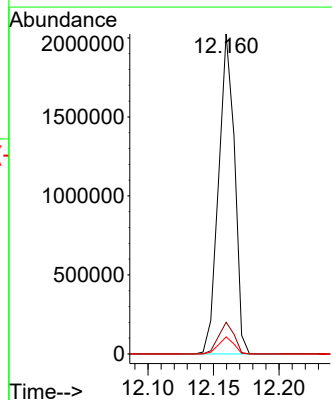
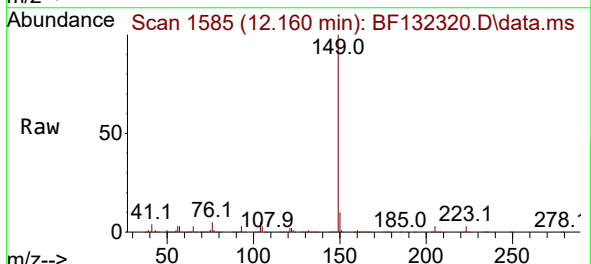
Instrument :
 BNA_F
 ClientSampleId :
 PB150659BS

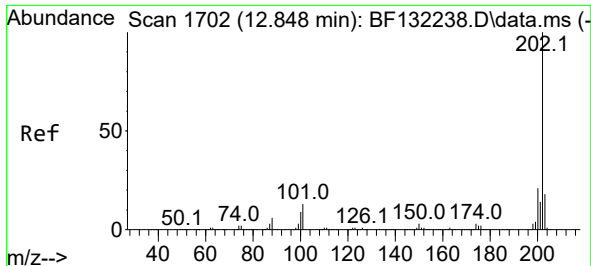
Tgt Ion:167 Resp: 1312408
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 14.1 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 41.739 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. -0.000 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

Tgt Ion:149 Resp: 1708794
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.4 4.3 6.5

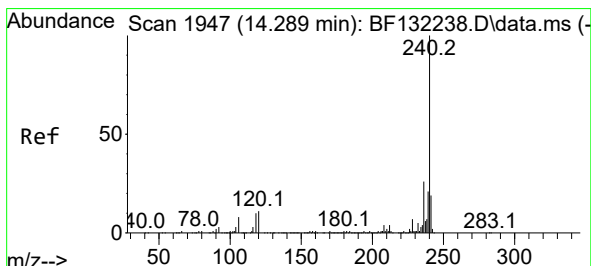
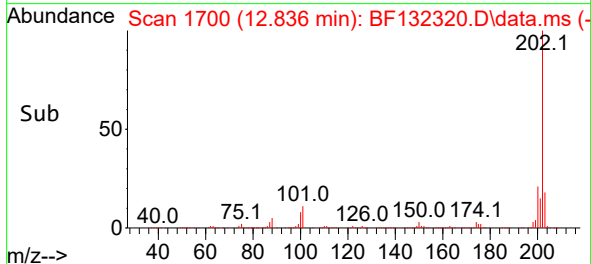
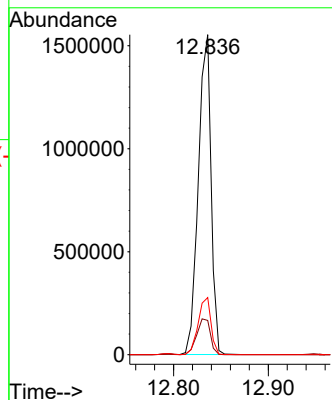
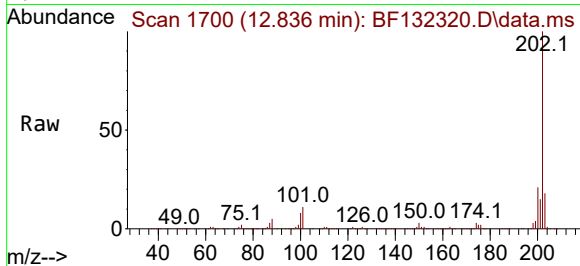




#75
Fluoranthene
Concen: 37.570 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

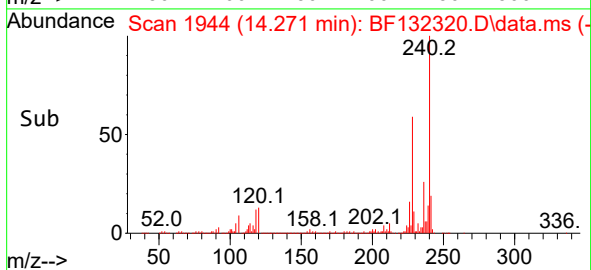
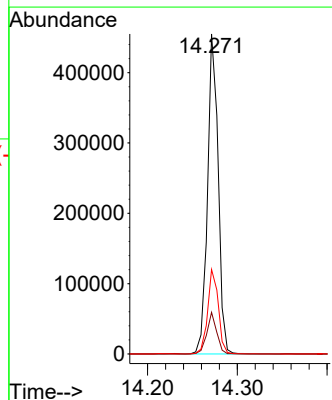
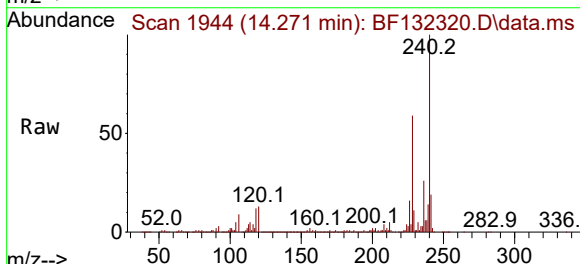
Instrument :
BNA_F
ClientSampleId :
PB150659BS

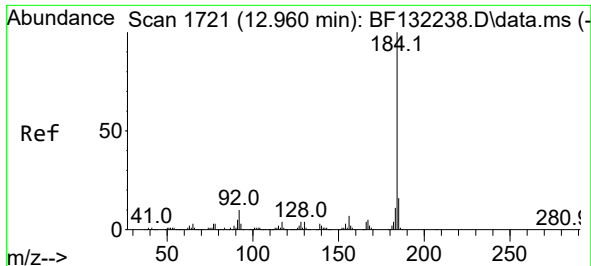
Tgt Ion:202 Resp: 1454945
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.7
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:240 Resp: 374338
Ion Ratio Lower Upper
240 100
120 13.0 8.8 13.2
236 26.4 21.0 31.6

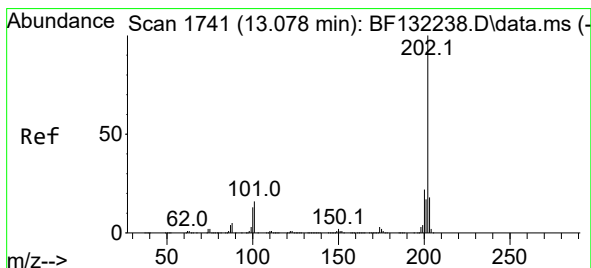
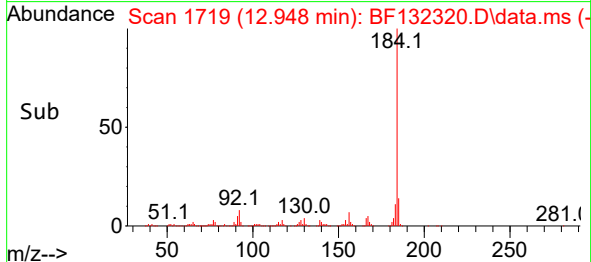
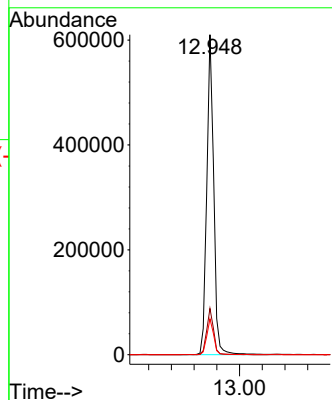
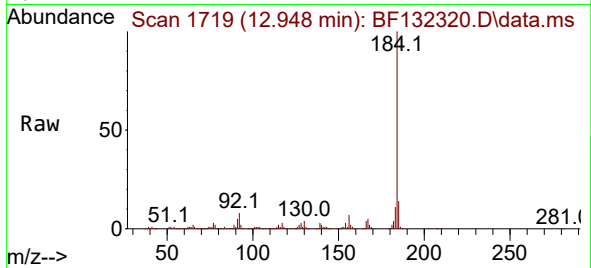




#77
Benzidine
Concen: 39.360 ng
RT: 12.948 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

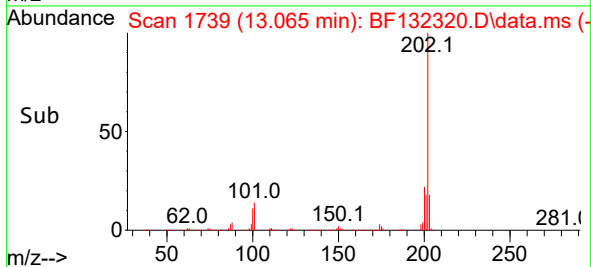
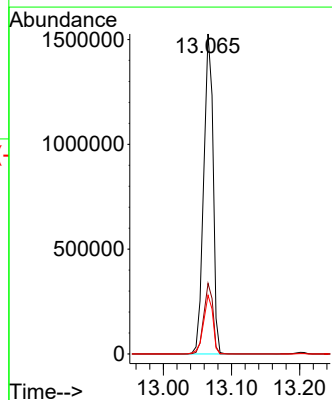
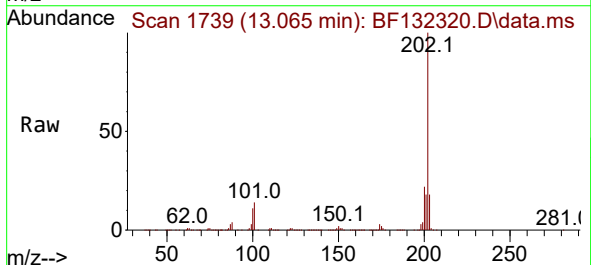
Instrument :
BNA_F
ClientSampleId :
PB150659BS

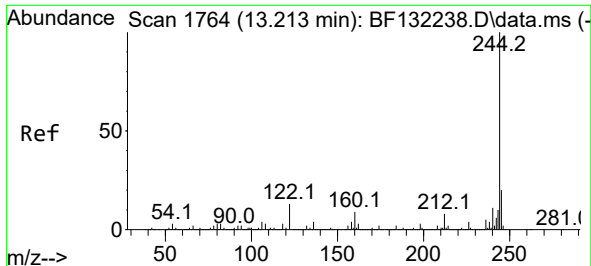
Tgt Ion:184 Resp: 515119
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.2 8.9 13.3



#78
Pyrene
Concen: 48.488 ng
RT: 13.065 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:202 Resp: 1459883
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 18.3 14.4 21.6

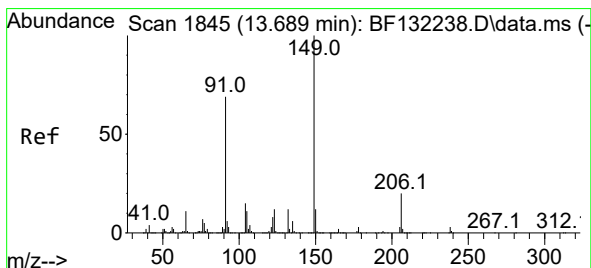
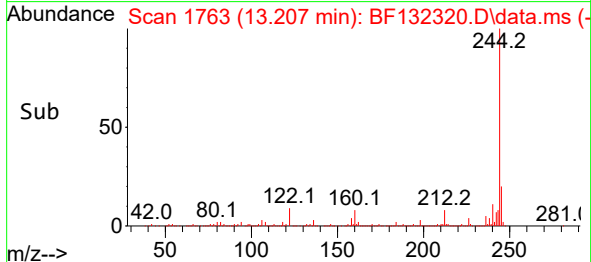
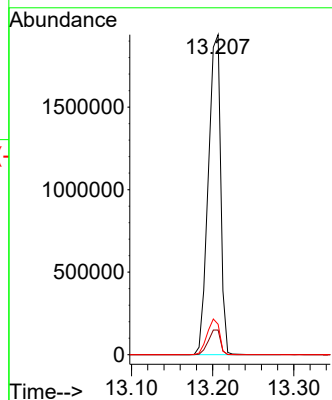
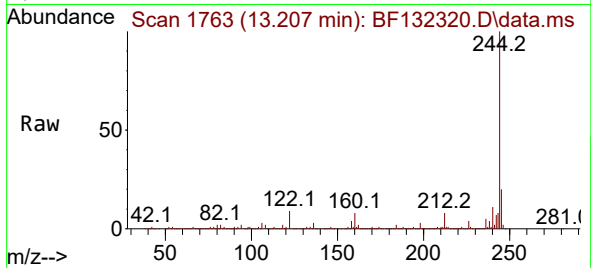




#79
 Terphenyl-d14
 Concen: 105.301 ng
 RT: 13.207 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

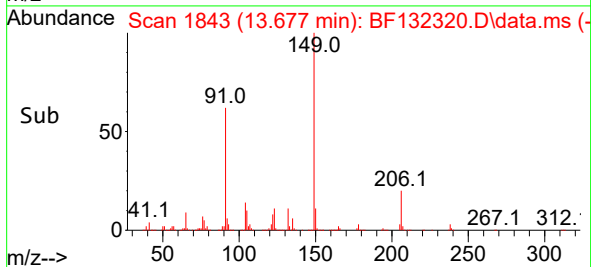
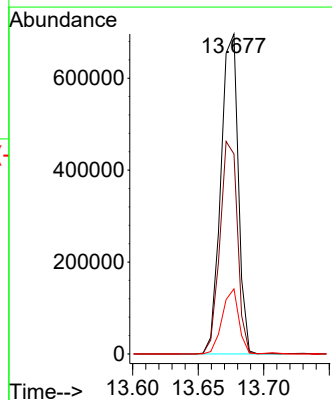
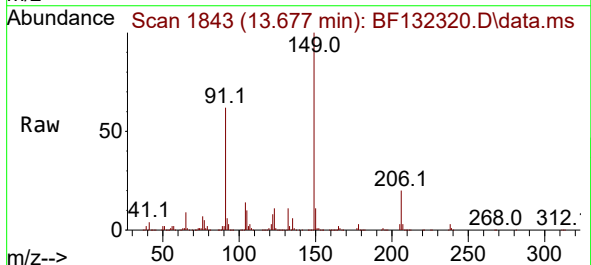
Instrument :
 BNA_F
 ClientSampleId :
 PB150659BS

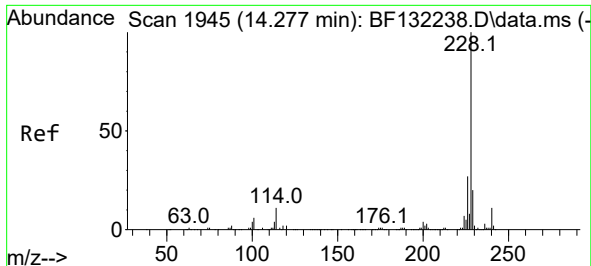
Tgt Ion:244 Resp: 2037731
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 9.5 10.5 15.7#



#80
 Butylbenzylphthalate
 Concen: 48.403 ng
 RT: 13.677 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132320.D
 Acq: 03 Feb 2023 13:58

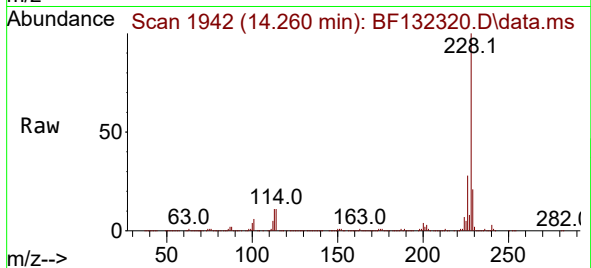
Tgt Ion:149 Resp: 643868
 Ion Ratio Lower Upper
 149 100
 91 62.5 55.0 82.6
 206 20.4 15.9 23.9



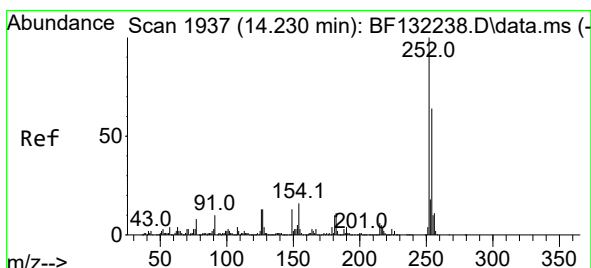
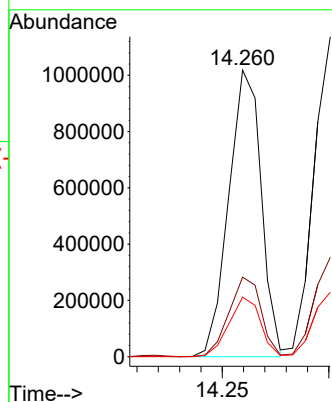
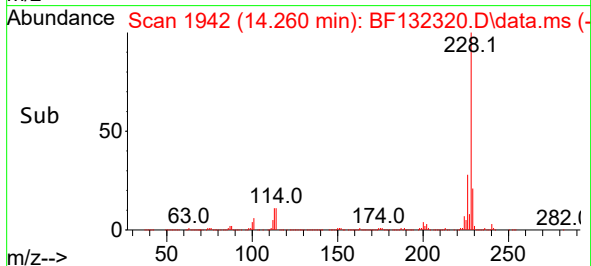


#81
Benzo(a)anthracene
Concen: 41.201 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB150659BS

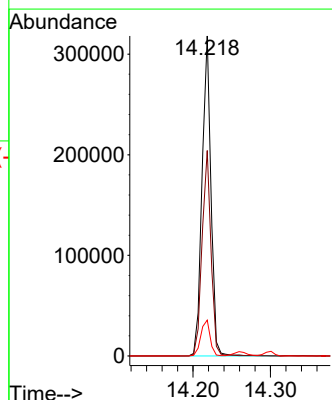
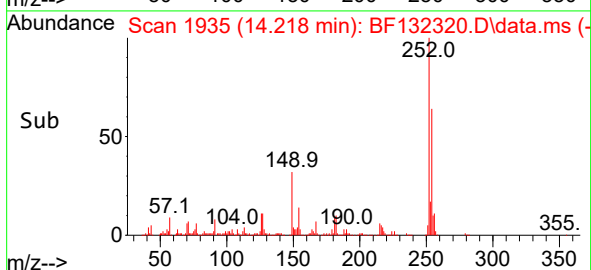
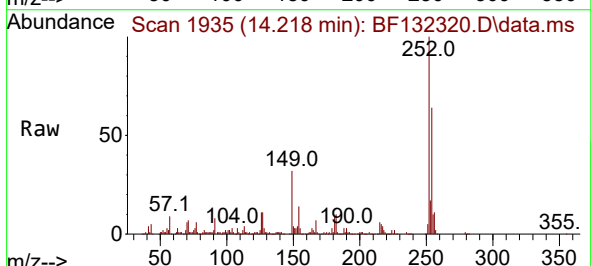


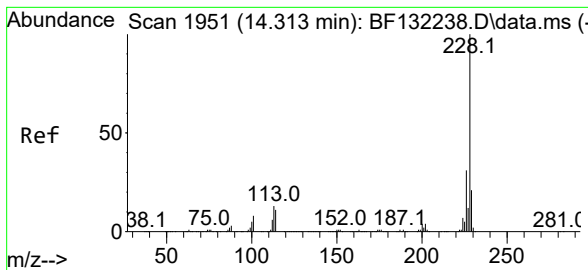
Tgt Ion:228 Resp: 1078705
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.460 ng
RT: 14.218 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:252 Resp: 254007
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 11.2 10.5 15.7





#83

Chrysene

Concen: 40.396 ng

RT: 14.301 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

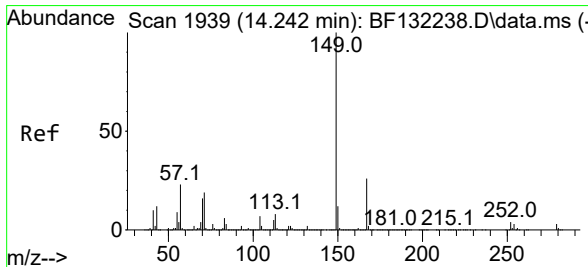
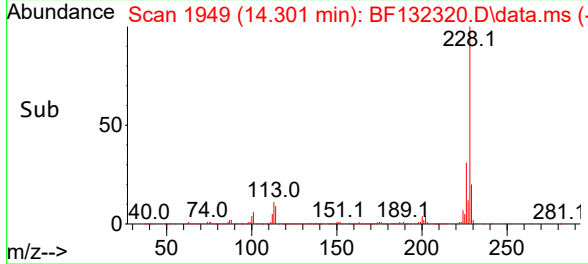
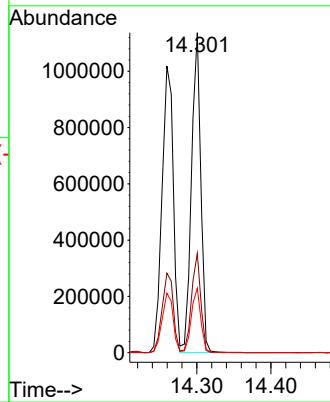
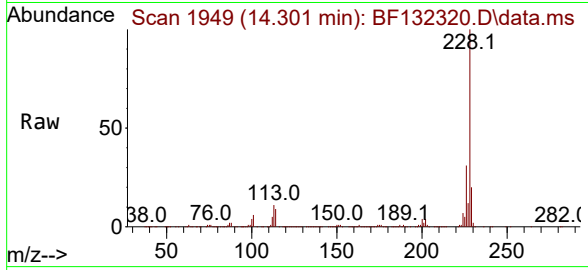
Tgt Ion:228 Resp: 990355

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.684 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

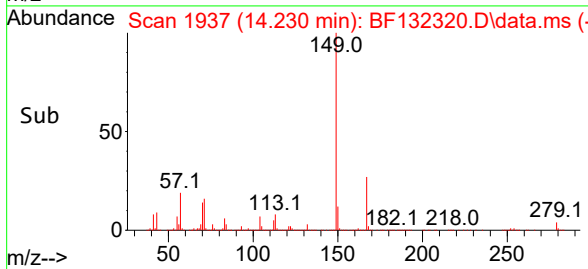
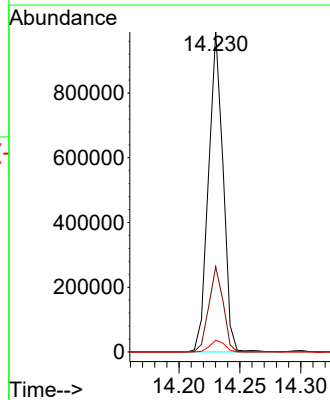
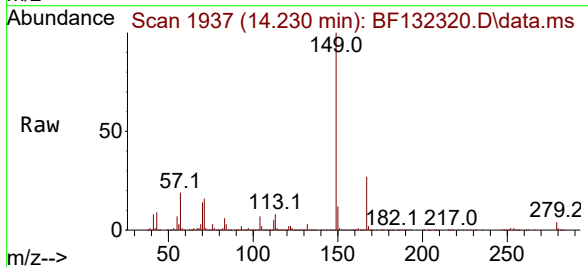
Tgt Ion:149 Resp: 821415

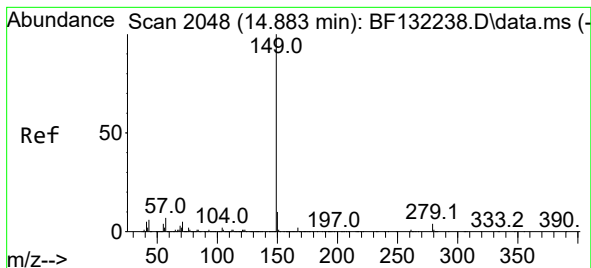
Ion Ratio Lower Upper

149 100

167 26.7 20.7 31.1

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.758 ng

RT: 14.865 min Scan# 2045

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

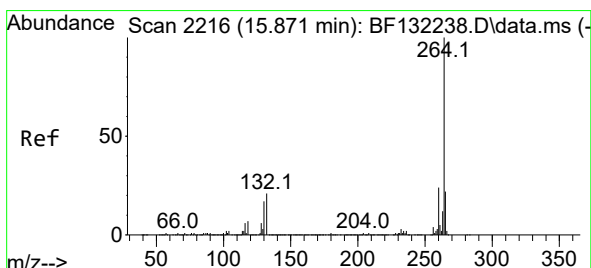
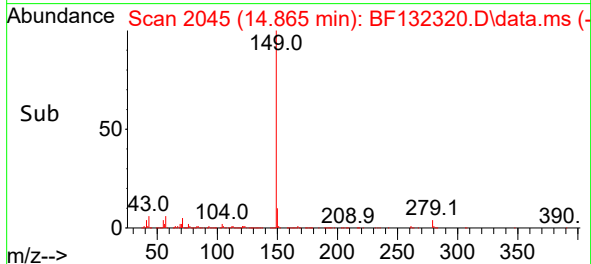
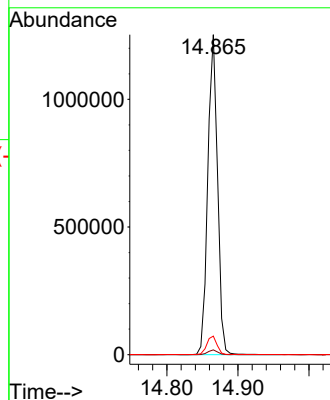
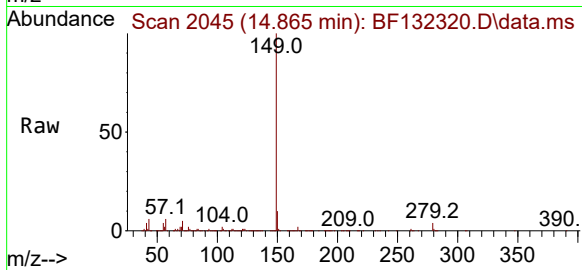
Tgt Ion:149 Resp: 1195296

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 6.1 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.854 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

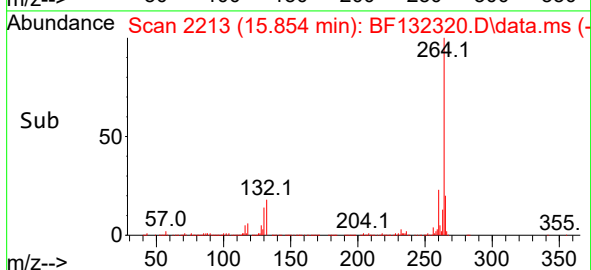
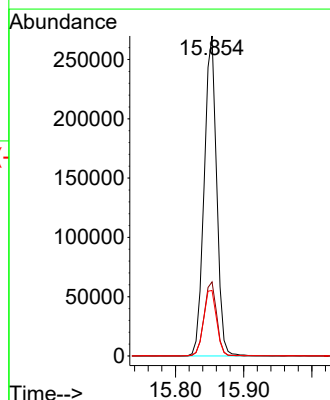
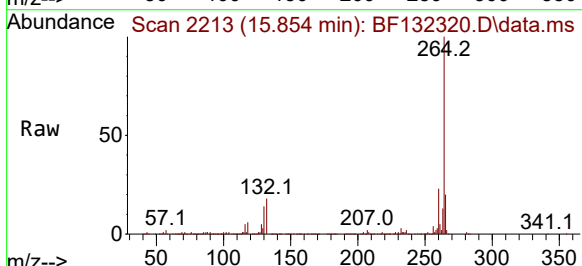
Tgt Ion:264 Resp: 343323

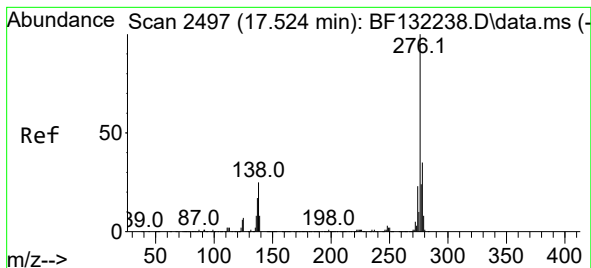
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 20.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.223 ng

RT: 17.500 min Scan# 2497

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

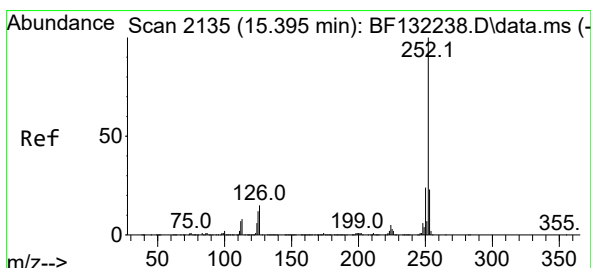
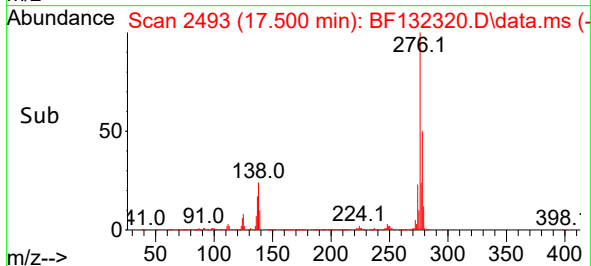
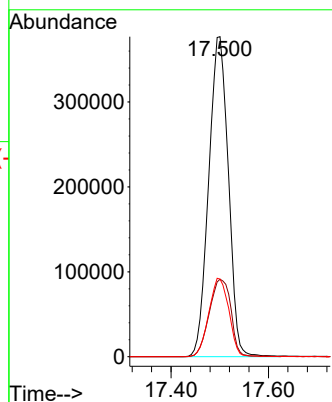
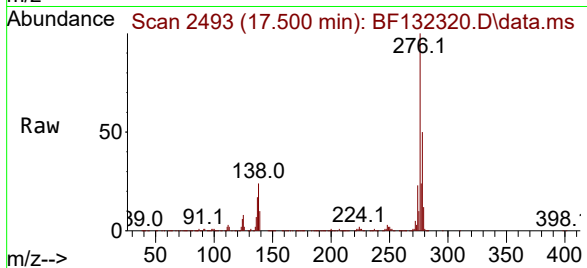
Tgt Ion:276 Resp: 1054463

Ion Ratio Lower Upper

276 100

138 26.7 23.3 34.9

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.910 ng

RT: 15.377 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

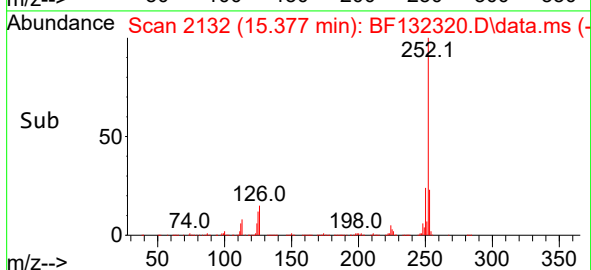
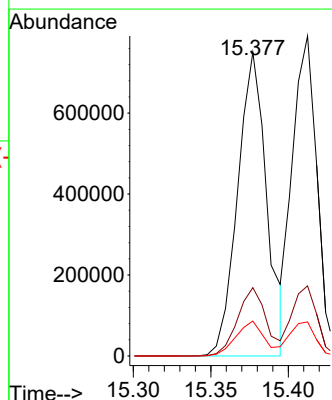
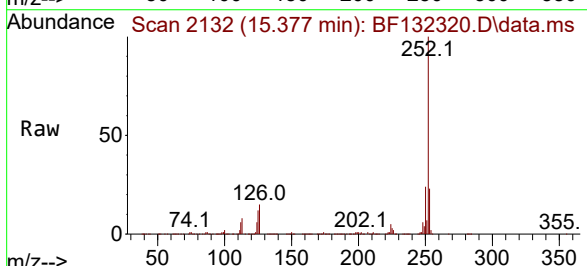
Tgt Ion:252 Resp: 980086

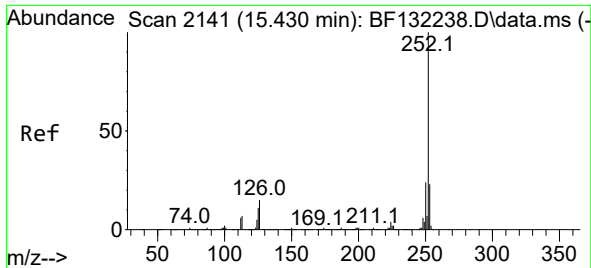
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.5 9.6 14.4

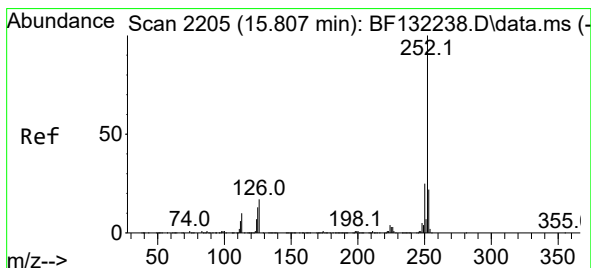
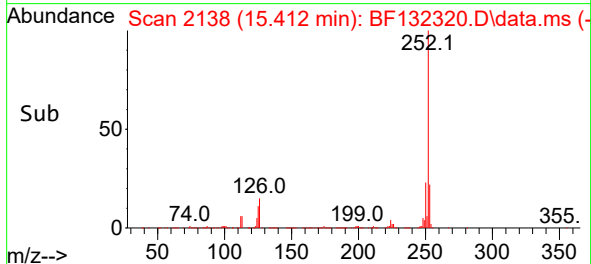
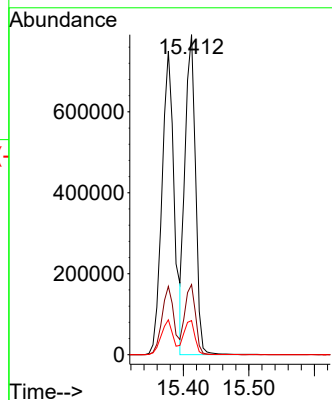
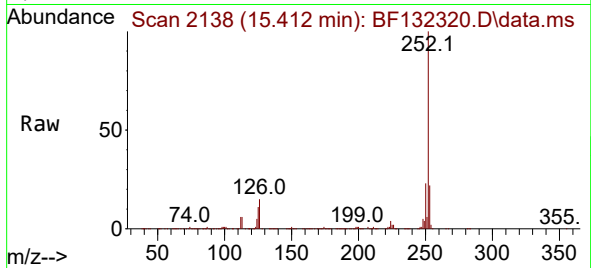




#89
Benzo(k)fluoranthene
Concen: 41.982 ng
RT: 15.412 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

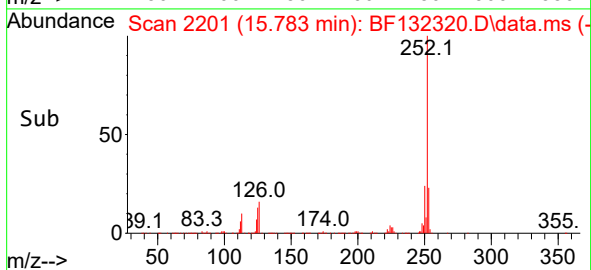
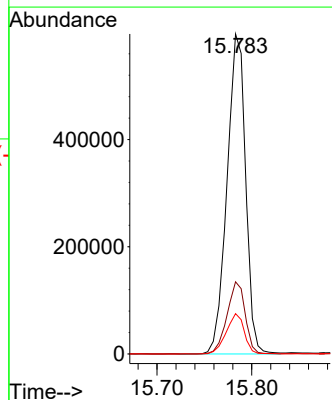
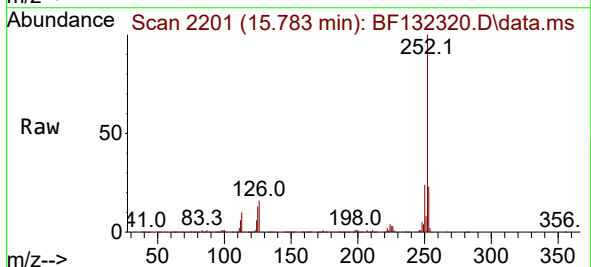
Instrument :
BNA_F
ClientSampleId :
PB150659BS

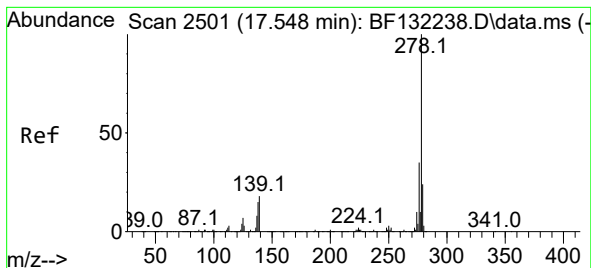
Tgt Ion:252 Resp: 874523
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 40.165 ng
RT: 15.783 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF132320.D
Acq: 03 Feb 2023 13:58

Tgt Ion:252 Resp: 816215
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.6 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 47.472 ng

RT: 17.518 min Scan# 2496

Delta R.T. -0.000 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB150659BS

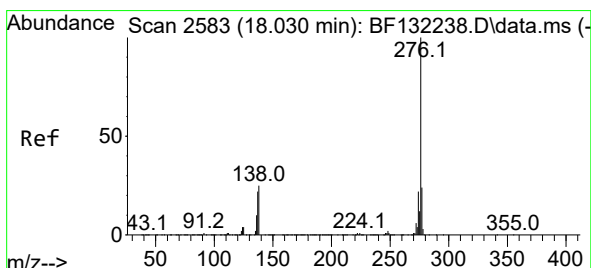
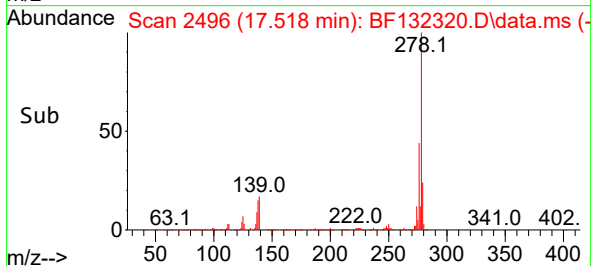
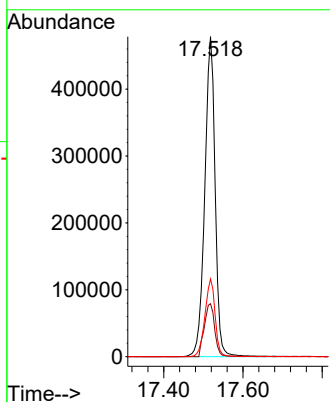
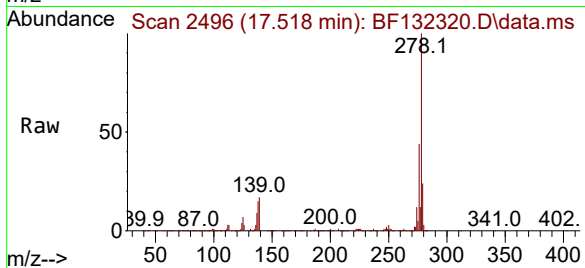
Tgt Ion:278 Resp: 870693

Ion Ratio Lower Upper

278 100

139 16.6 14.2 21.2

279 24.3 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 45.281 ng

RT: 18.000 min Scan# 2578

Delta R.T. -0.006 min

Lab File: BF132320.D

Acq: 03 Feb 2023 13:58

Tgt Ion:276 Resp: 857978

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 22.5 20.3 30.5

