

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132172.D
 Acq On : 20 Jan 2023 21:08
 Operator : CG\JU
 Sample : 01233-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD

Quant Time: Jan 21 03:57:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	185010	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	669898	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	363370	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	736982	20.000	ng	0.00
76) Chrysene-d12	14.307	240	439968	20.000	ng	0.00
86) Perylene-d12	15.901	264	406965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1170508	110.521	ng	0.02
7) Phenol-d6	6.707	99	1556685	116.763	ng	0.00
23) Nitrobenzene-d5	7.654	82	1038246	82.333	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	507491	130.751	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1643177	66.077	ng	0.00
79) Terphenyl-d14	13.236	244	1952820	74.351	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	207857	38.739	ng	98
3) Pyridine	3.849	79	548016	38.047	ng	99
4) n-Nitrosodimethylamine	3.807	42	290475	42.880	ng	99
6) Aniline	6.748	93	661550	35.825	ng	99
8) 2-Chlorophenol	6.872	128	522722	46.955	ng	98
9) Benzaldehyde	6.642	77	263835	30.761	ng	96
10) Phenol	6.719	94	608599	43.850	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	512037	43.580	ng	99
12) 1,3-Dichlorobenzene	7.031	146	550558	44.242	ng	98
13) 1,4-Dichlorobenzene	7.107	146	550651	44.346	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530407	46.195	ng	98
15) Benzyl Alcohol	7.225	79	482789	47.344	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.360	45	748437	43.829	ng	99
17) 2-Methylphenol	7.331	107	417984	42.858	ng	98
18) Hexachloroethane	7.607	117	207963	46.656	ng	95
19) n-Nitroso-di-n-propyla...	7.501	70	344907	42.235	ng	97
20) 3+4-Methylphenols	7.484	107	523952	42.635	ng	96
22) Acetophenone	7.501	105	665782	41.350	ng	# 98
24) Nitrobenzene	7.678	77	573088	42.922	ng	94
25) Isophorone	7.913	82	1058482	42.899	ng	98
26) 2-Nitrophenol	7.989	139	266866	52.343	ng	97
27) 2,4-Dimethylphenol	8.019	122	477808	44.753	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	603691	40.779	ng	99
29) 2,4-Dichlorophenol	8.231	162	443370	43.742	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	480908	41.772	ng	100
31) Naphthalene	8.401	128	1396657	40.595	ng	99
32) Benzoic acid	8.125	122	348706	48.766	ng	94
33) 4-Chloroaniline	8.442	127	226815	15.405	ng	95
34) Hexachlorobutadiene	8.513	225	324286	41.930	ng	99
35) Caprolactam	8.819	113	104448	36.338	ng	97
36) 4-Chloro-3-methylphenol	8.913	107	463852	45.475	ng	97
37) 2-Methylnaphthalene	9.095	142	924541	39.031	ng	99
38) 1-Methylnaphthalene	9.195	142	871246	39.530	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	497372	39.340	ng	99
41) Hexachlorocyclopentadiene	9.248	237	647423	93.842	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	348929	44.470	ng	99

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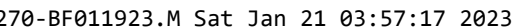
Instrument :
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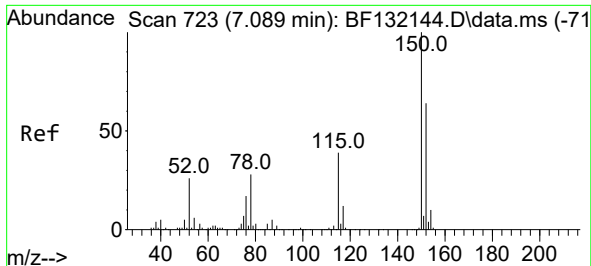
Quant Time: Jan 21 03:57:12 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	376966	41.079	ng	98
46) 1,1'-Biphenyl	9.560	154	1147607	40.032	ng	99
47) 2-Chloronaphthalene	9.589	162	909791	41.054	ng	99
48) 2-Nitroaniline	9.678	65	322574	45.649	ng	98
49) Acenaphthylene	10.007	152	1442347	40.685	ng	99
50) Dimethylphthalate	9.854	163	1089664	41.405	ng	99
51) 2,6-Dinitrotoluene	9.919	165	251265	49.258	ng	94
52) Acenaphthene	10.178	154	962180	45.122	ng	98
53) 3-Nitroaniline	10.089	138	171804	31.502	ng	96
54) 2,4-Dinitrophenol	10.195	184	264179	108.931	ng	# 48
55) Dibenzofuran	10.354	168	1311397	39.795	ng	97
56) 4-Nitrophenol	10.242	139	397985	100.269	ng	88
57) 2,4-Dinitrotoluene	10.325	165	329933	53.885	ng	94
58) Fluorene	10.695	166	990200	40.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	323071	46.282	ng	99
60) Diethylphthalate	10.560	149	1081834	41.919	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	529286	40.480	ng	98
62) 4-Nitroaniline	10.713	138	244667	48.187	ng	98
63) Azobenzene	10.848	77	1352716	52.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	174002	48.068	ng	91
66) n-Nitrosodiphenylamine	10.807	169	891433	37.768	ng	100
67) 4-Bromophenyl-phenylether	11.177	248	343215	38.207	ng	98
68) Hexachlorobenzene	11.248	284	376827	42.208	ng	98
69) Atrazine	11.330	200	329931	45.307	ng	99
70) Pentachlorophenol	11.442	266	448896	78.244	ng	98
71) Phenanthrene	11.672	178	1509959	39.042	ng	99
72) Anthracene	11.724	178	1535077	39.234	ng	100
73) Carbazole	11.872	167	1406032	42.070	ng	100
74) Di-n-butylphthalate	12.195	149	1624073	43.651	ng	100
75) Fluoranthene	12.866	202	1690433	42.551	ng	100
77) Benzidine	12.983	184	767487	58.100	ng	99
78) Pyrene	13.101	202	1705612	42.064	ng	99
80) Butylbenzylphthalate	13.707	149	649876	49.125	ng	97
81) Benzo(a)anthracene	14.295	228	1303827	41.482	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	194473	22.217	ng	# 97
83) Chrysene	14.336	228	1215936	40.642	ng	100
84) Bis(2-ethylhexyl)phtha...	14.265	149	788199	44.799	ng	99
85) Di-n-octyl phthalate	14.907	149	1120414	43.907	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1242088	38.793	ng	99
88) Benzo(b)fluoranthene	15.424	252	1152284	46.503	ng	99
89) Benzo(k)fluoranthene	15.454	252	1091571	43.195	ng	99
90) Benzo(a)pyrene	15.830	252	1006189	42.213	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1008740	41.883	ng	99
92) Benzo(g,h,i)perylene	18.077	276	1041701	37.991	ng	98

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

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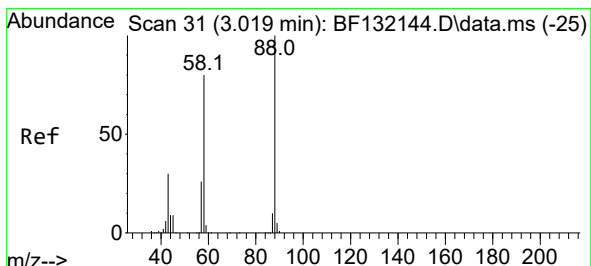
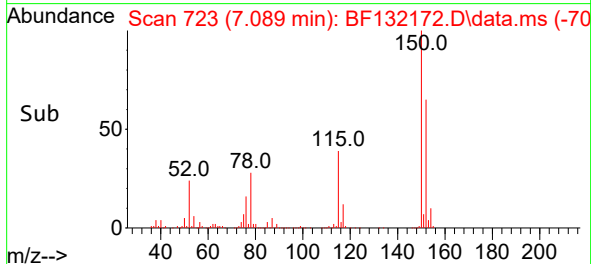
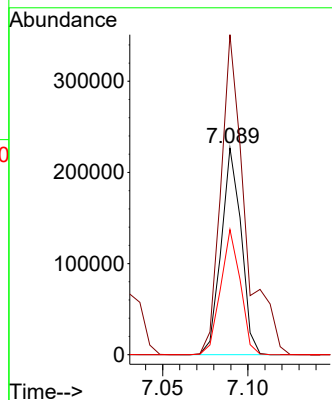
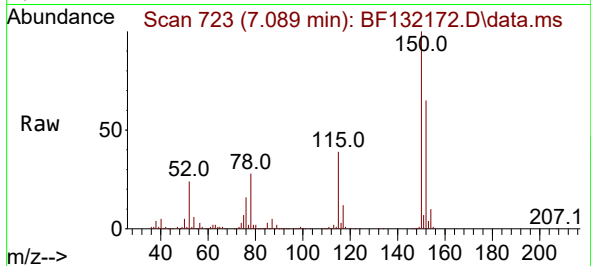




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.089 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132172.D
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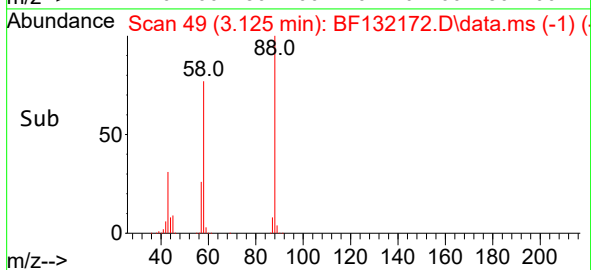
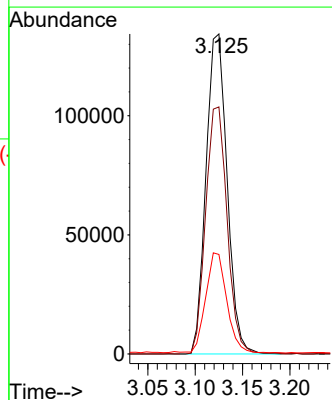
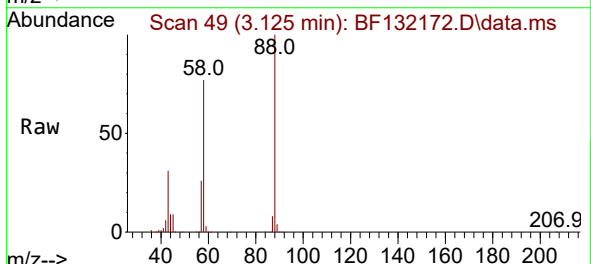
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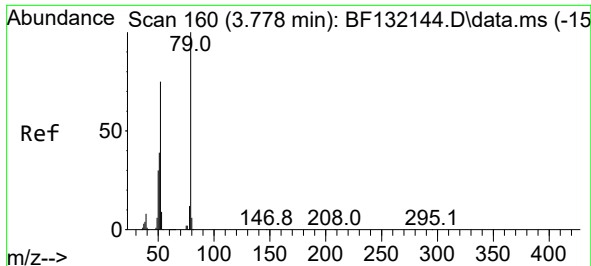
Tgt Ion:152 Resp: 185010
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.8
 115 60.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 38.739 ng
 RT: 3.125 min Scan# 49
 Delta R.T. 0.106 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08

Tgt Ion: 88 Resp: 207857
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.0 96.0
 43 31.3 24.2 36.4

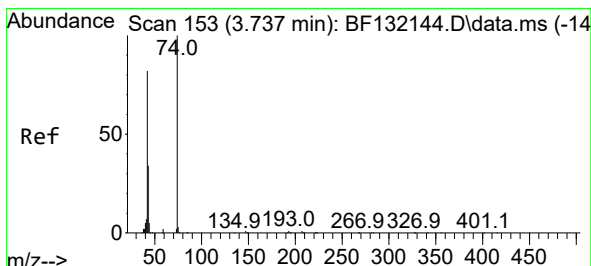
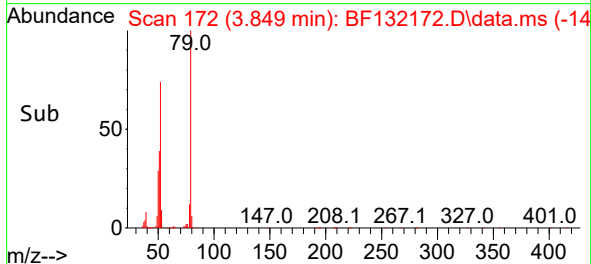
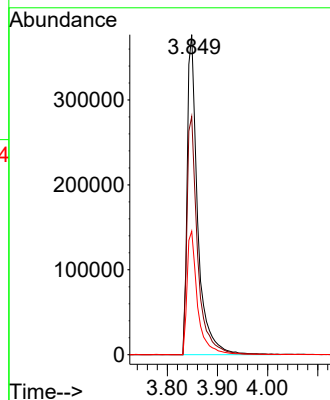
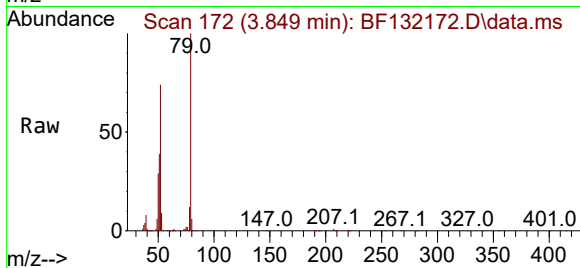




#3
Pyridine
Concen: 38.047 ng
RT: 3.849 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

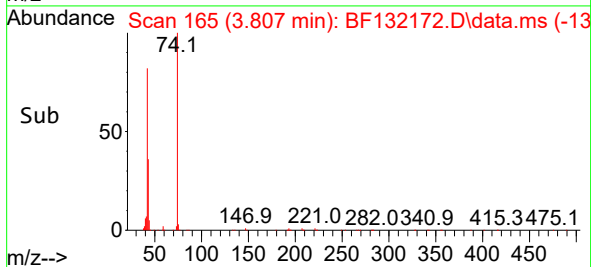
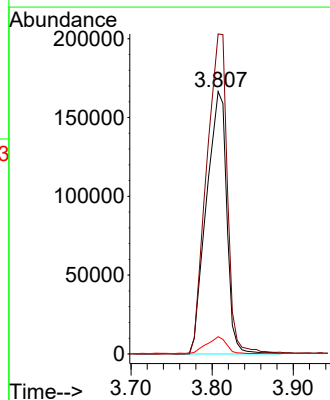
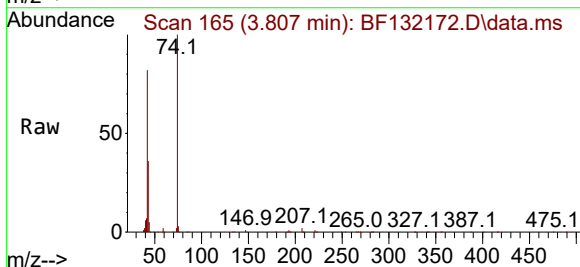
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ClientSampleId :
B-P34AMSD

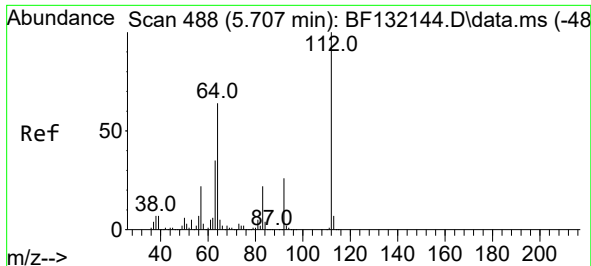
Tgt Ion: 79 Resp: 548016
Ion Ratio Lower Upper
79 100
52 74.4 60.1 90.1
51 38.6 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 42.880 ng
RT: 3.807 min Scan# 165
Delta R.T. 0.071 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 42 Resp: 290475
Ion Ratio Lower Upper
42 100
74 122.0 98.1 147.1
44 6.6 5.2 7.8

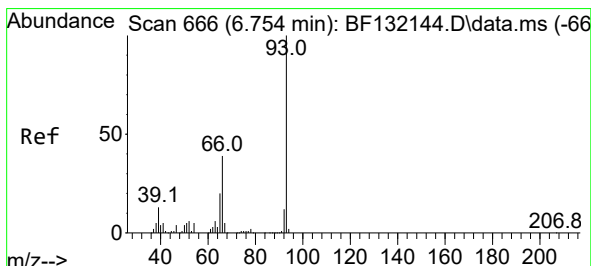
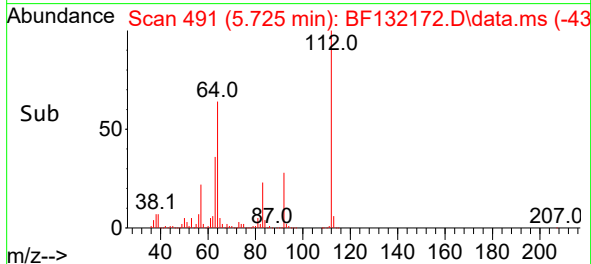
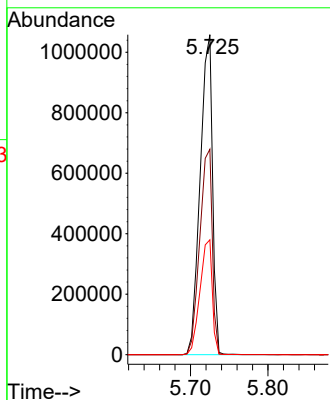
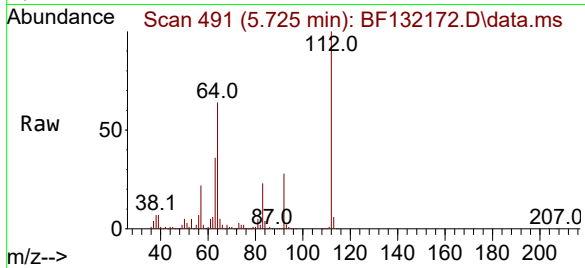




#5
2-Fluorophenol
Concen: 110.521 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

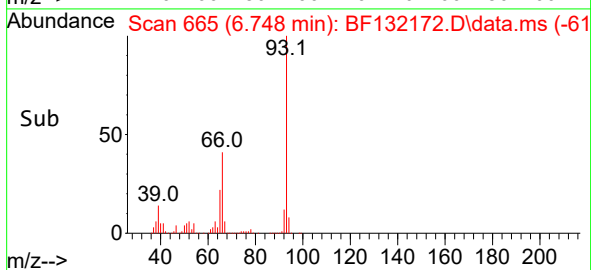
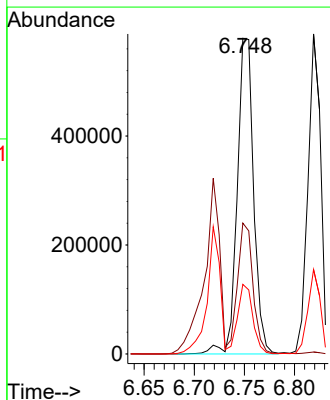
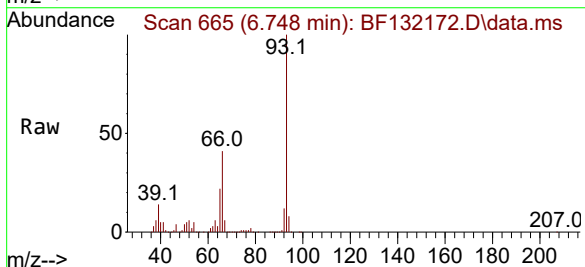
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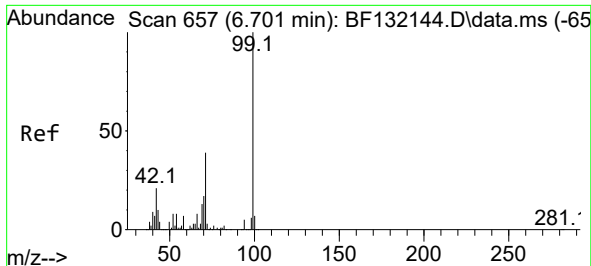
Tgt Ion:112 Resp: 1170508
Ion Ratio Lower Upper
112 100
64 64.2 51.4 77.0
63 35.9 28.2 42.2



#6
Aniline
Concen: 35.825 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 93 Resp: 661550
Ion Ratio Lower Upper
93 100
66 41.5 33.0 49.6
65 22.1 16.8 25.2

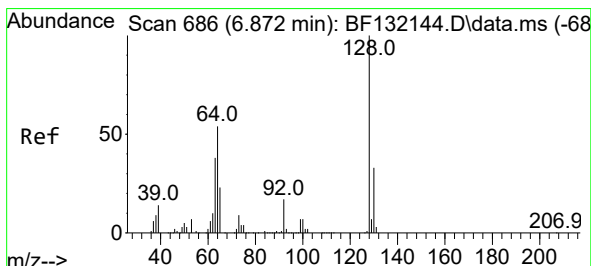
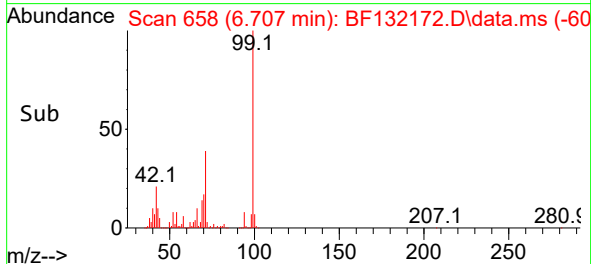
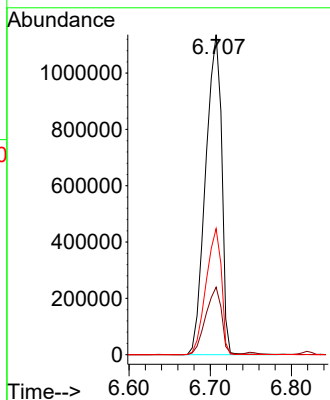
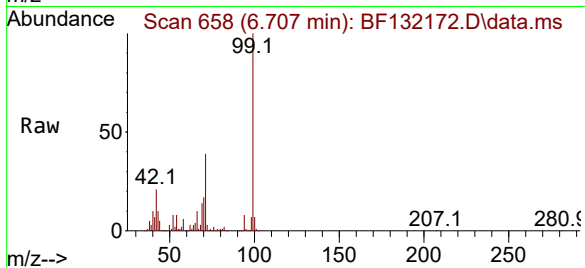




#7
Phenol-d6
Concen: 116.763 ng
RT: 6.707 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

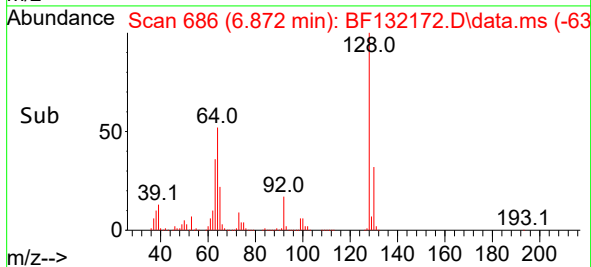
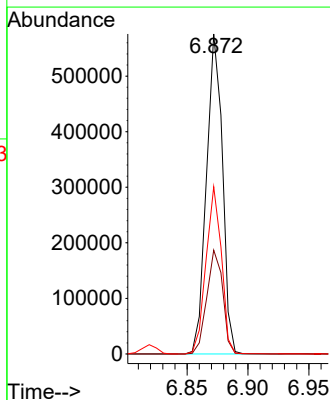
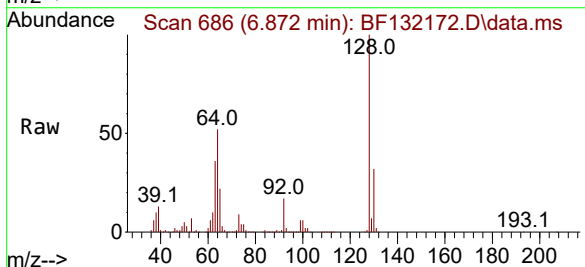
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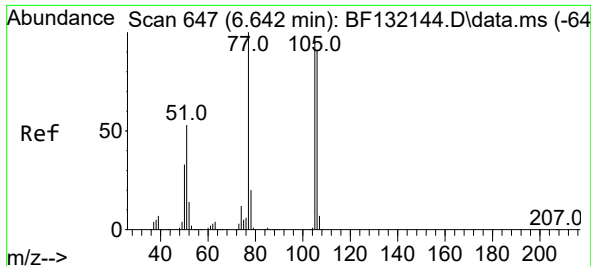
Tgt Ion: 99 Resp: 1556685
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.4 30.8 46.2



#8
2-Chlorophenol
Concen: 46.955 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 128 Resp: 522722
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 52.3 34.8 74.8

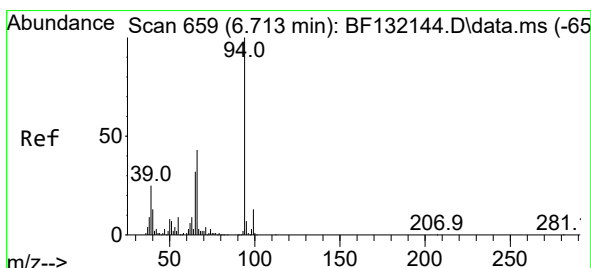
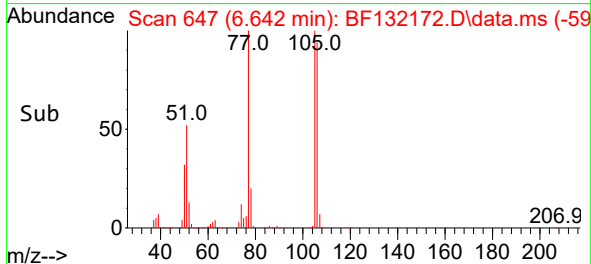
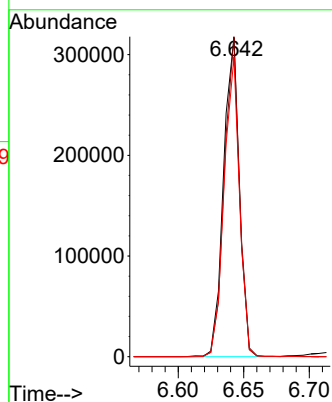
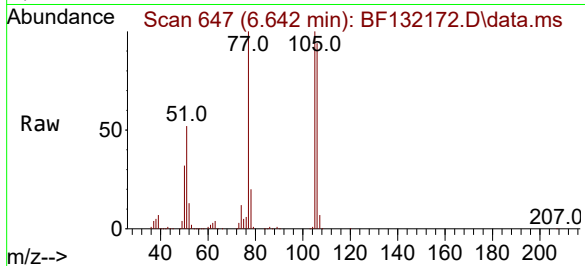




#9
Benzaldehyde
Concen: 30.761 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

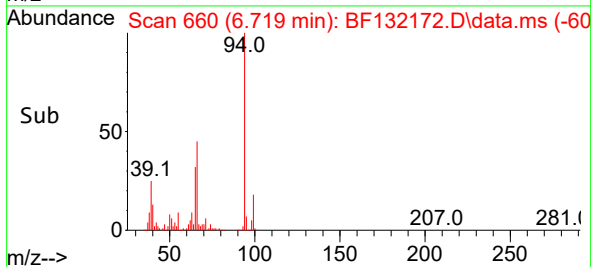
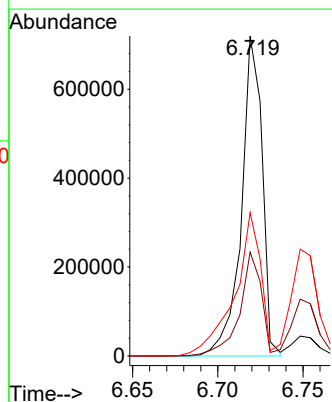
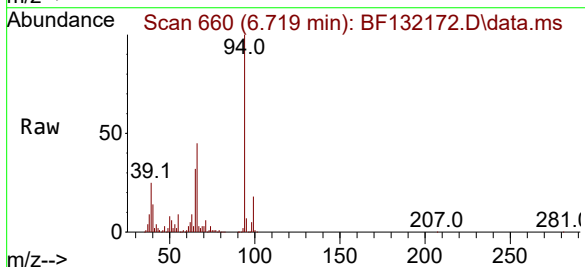
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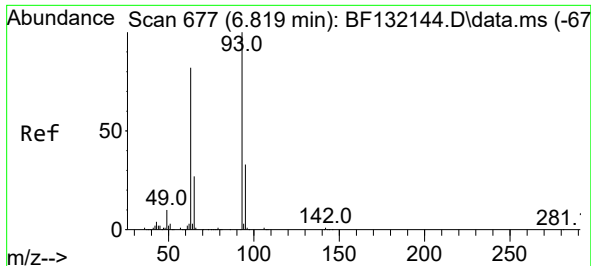
Tgt Ion: 77 Resp: 263835
Ion Ratio Lower Upper
77 100
105 100.4 75.5 115.5
106 94.0 70.7 110.7



#10
Phenol
Concen: 43.850 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 94 Resp: 608599
Ion Ratio Lower Upper
94 100
65 32.4 12.0 52.0
66 44.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 43.580 ng

RT: 6.819 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

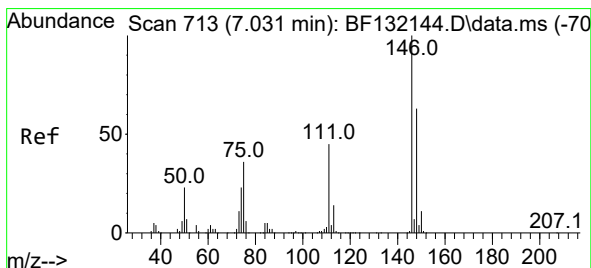
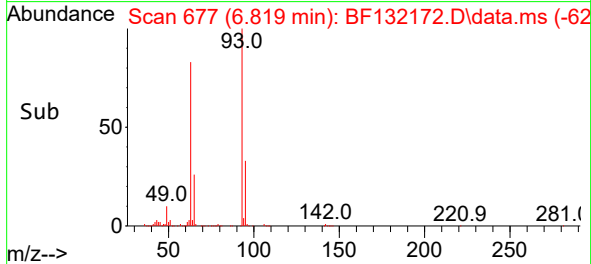
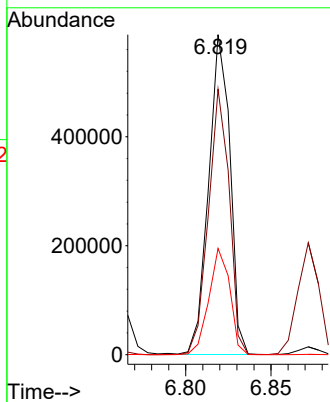
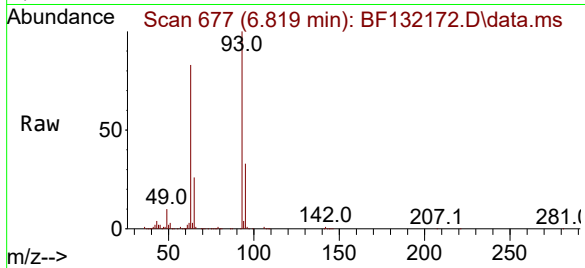
Tgt Ion: 93 Resp: 512037

Ion Ratio Lower Upper

93 100

63 82.9 61.6 101.6

95 33.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 44.242 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

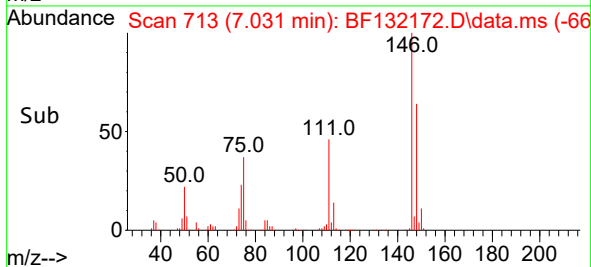
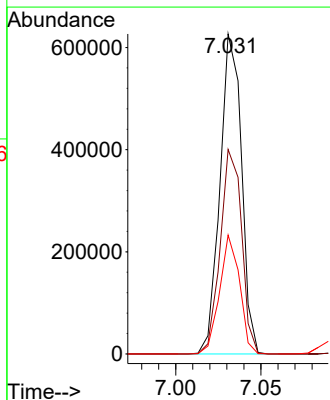
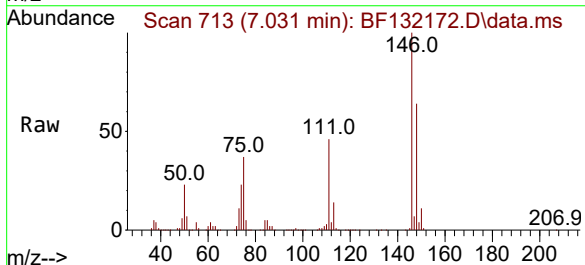
Tgt Ion:146 Resp: 550558

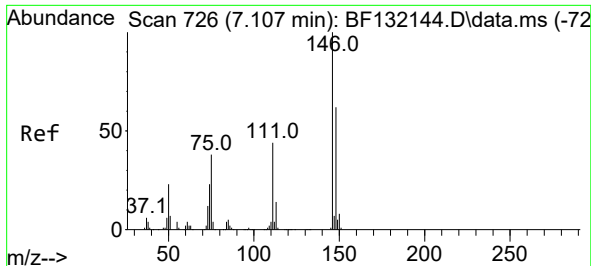
Ion Ratio Lower Upper

146 100

148 63.9 50.0 75.0

75 37.2 28.8 43.2

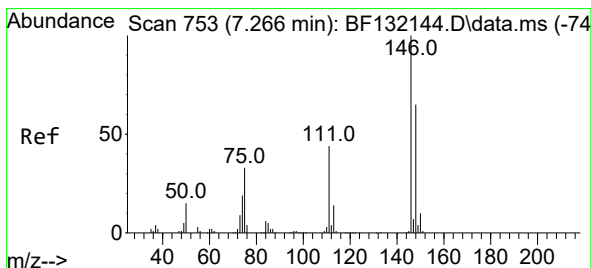
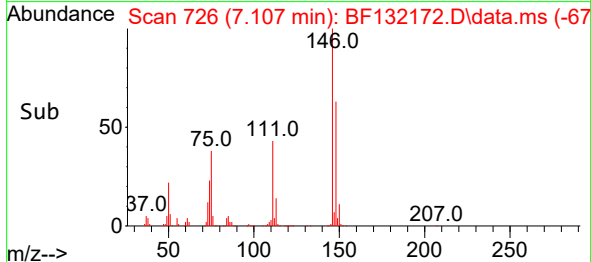
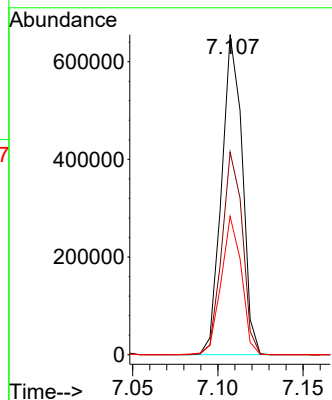
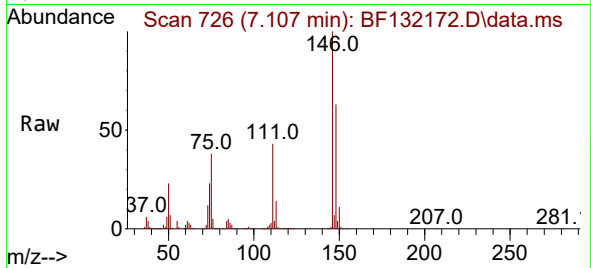




#13
1,4-Dichlorobenzene
Concen: 44.346 ng
RT: 7.107 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

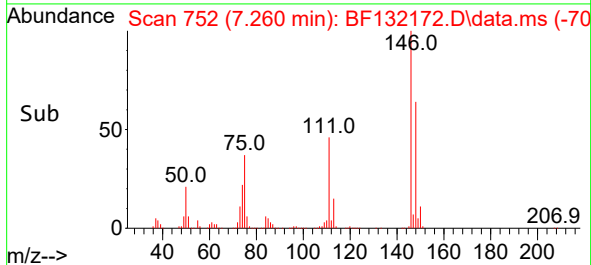
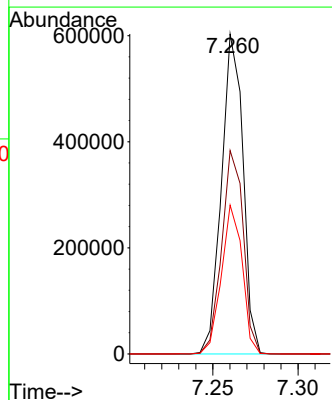
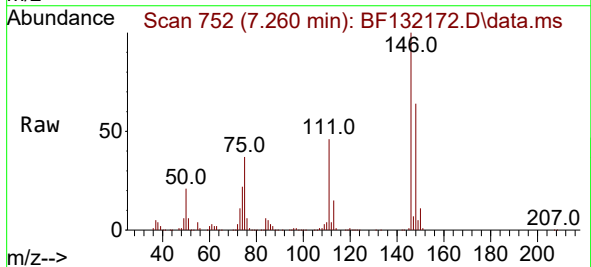
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

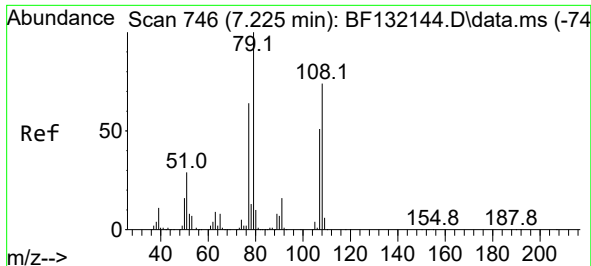
Tgt Ion:146 Resp: 550651
Ion Ratio Lower Upper
146 100
148 63.4 49.9 74.9
111 43.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 46.195 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:146 Resp: 530407
Ion Ratio Lower Upper
146 100
148 63.5 52.0 78.0
111 46.5 35.4 53.2

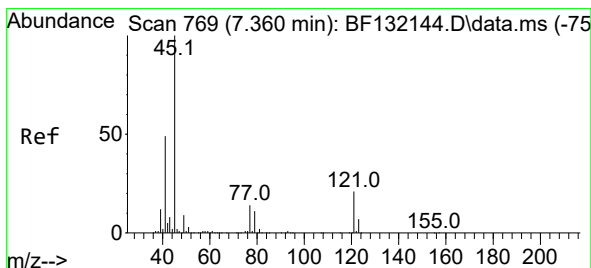
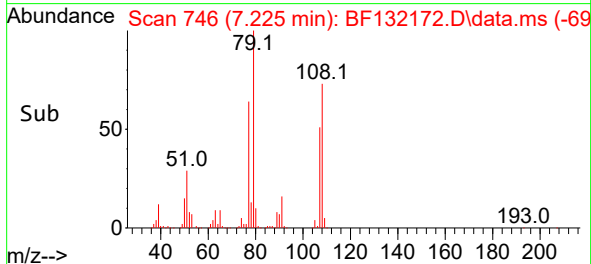
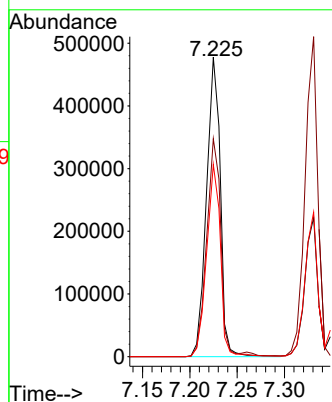
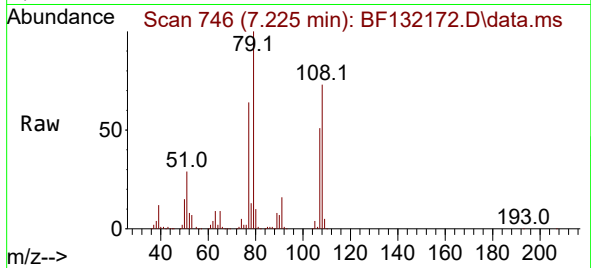




#15
Benzyl Alcohol
Concen: 47.344 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

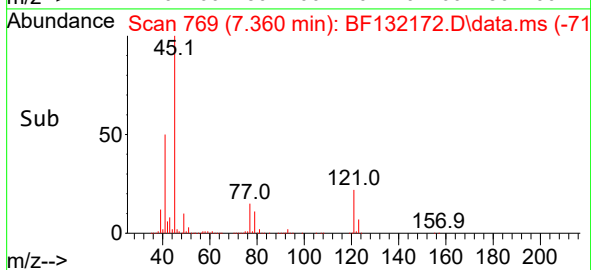
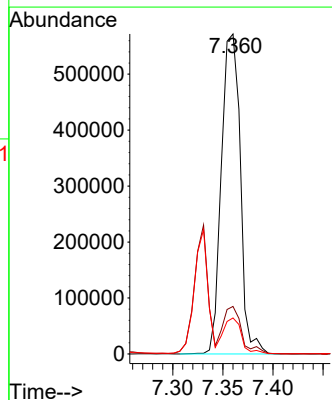
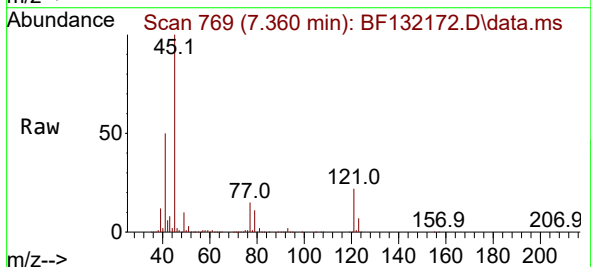
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

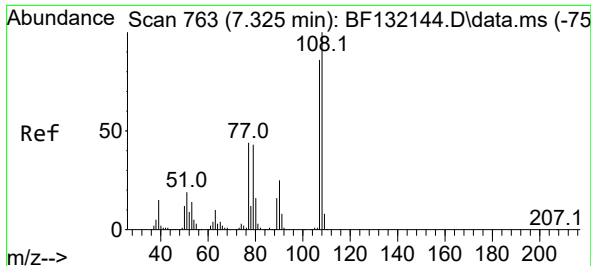
Tgt Ion: 79 Resp: 482789
Ion Ratio Lower Upper
79 100
108 72.8 58.9 88.3
77 64.2 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.829 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

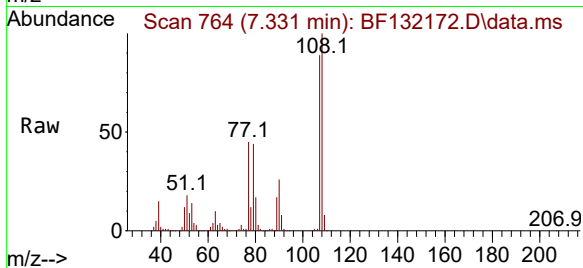
Tgt Ion: 45 Resp: 748437
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.3
79 11.3 0.0 30.9



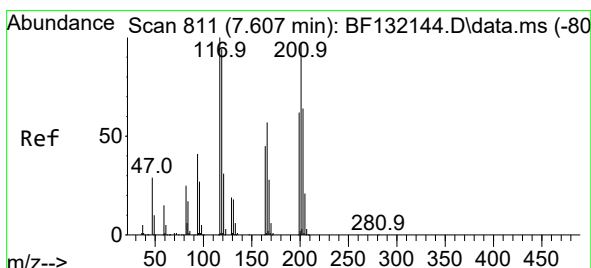
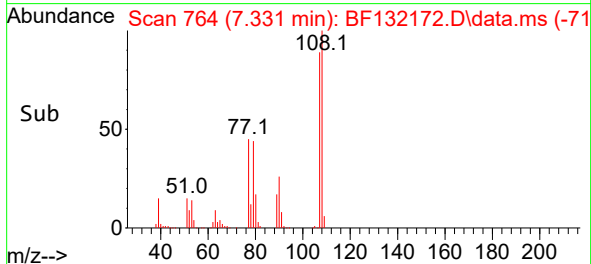
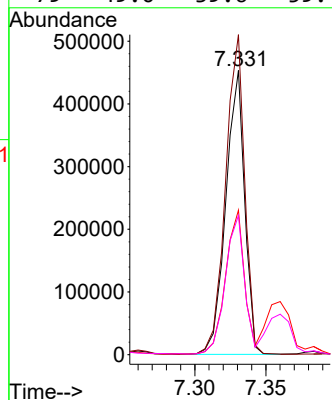


#17
2-Methylphenol
Concen: 42.858 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

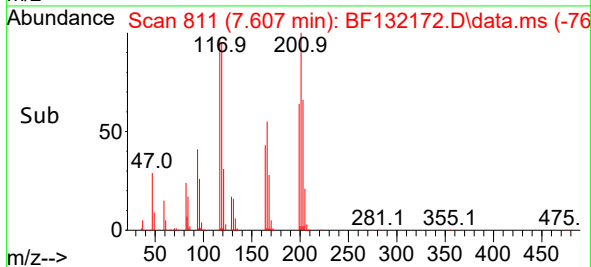
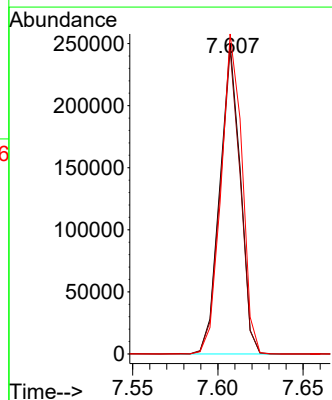
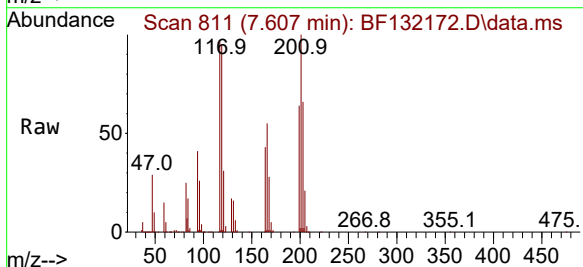


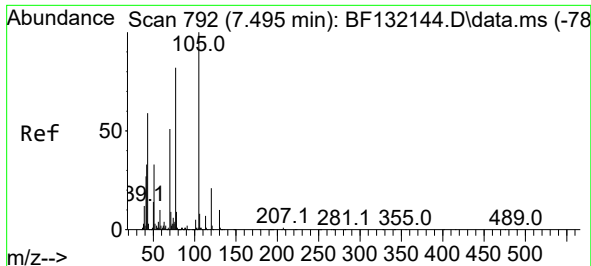
Tgt Ion:	107	Resp:	417984
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.8	139.2
77	50.9	41.1	61.7
79	49.0	39.6	59.4



#18
Hexachloroethane
Concen: 46.656 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:	117	Resp:	207963
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
201	102.9	77.9	116.9

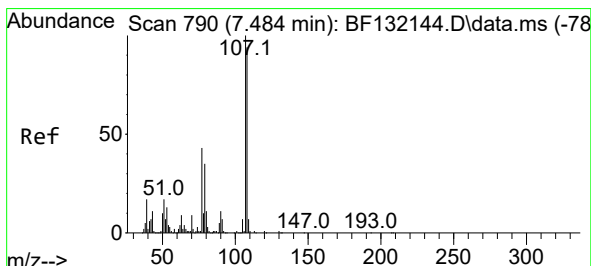
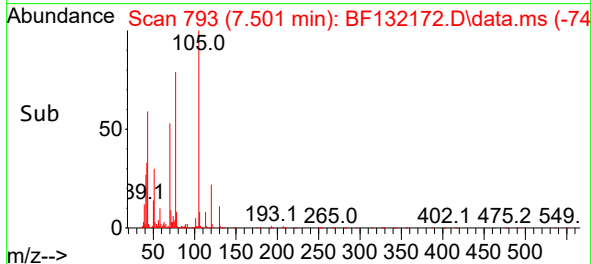
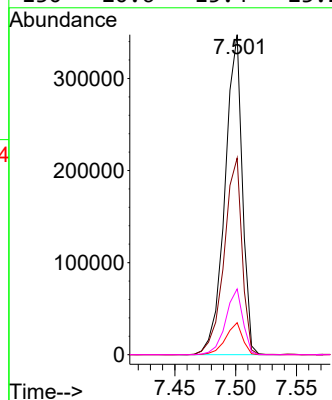
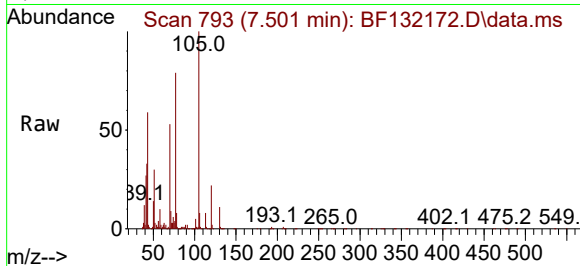




#19
n-Nitroso-di-n-propylamine
Concen: 42.235 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

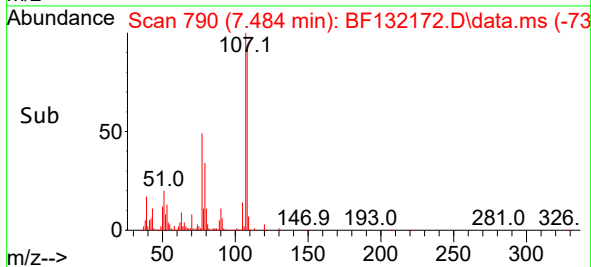
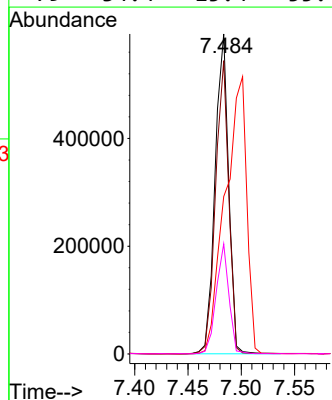
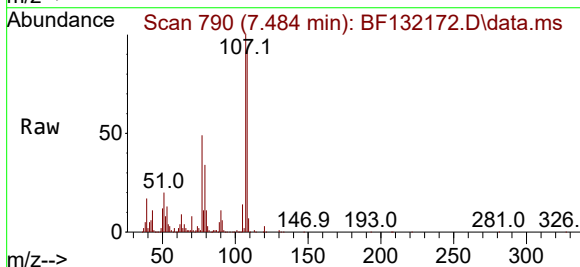
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

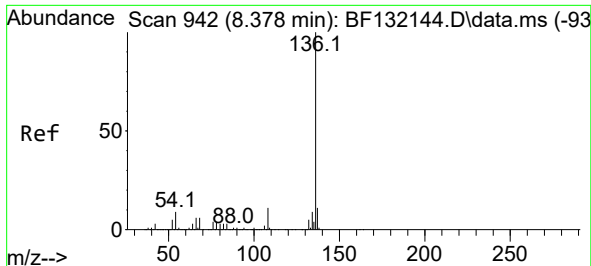
Tgt Ion: 70 Resp: 344907
Ion Ratio Lower Upper
70 100
42 61.5 51.0 76.4
101 10.0 7.3 10.9
130 20.6 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.635 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 107 Resp: 523952
Ion Ratio Lower Upper
107 100
108 91.6 73.8 113.8
77 49.2 22.8 62.8
79 34.4 15.4 55.4

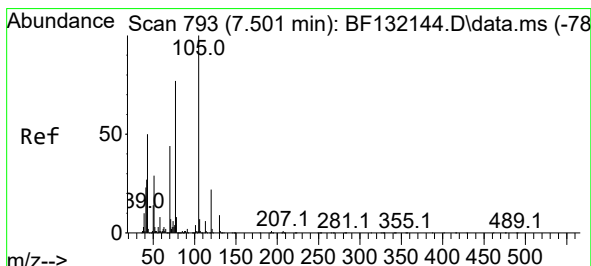
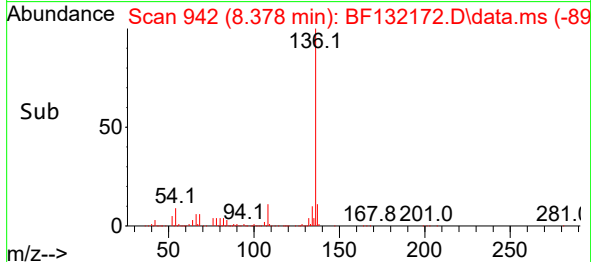
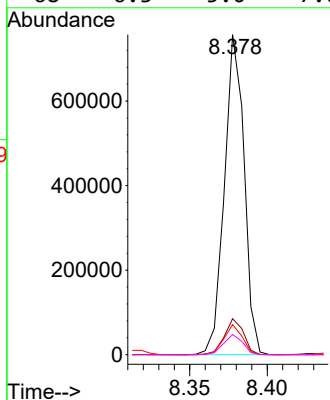
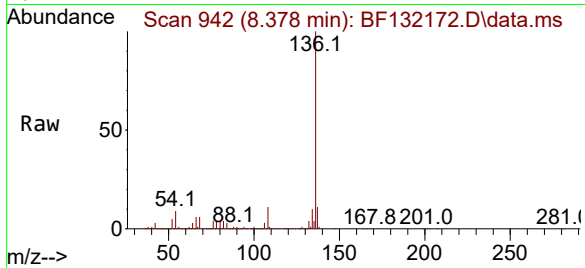




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

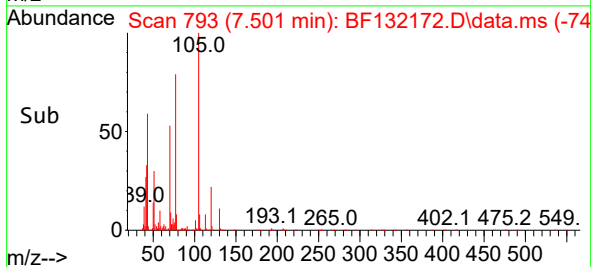
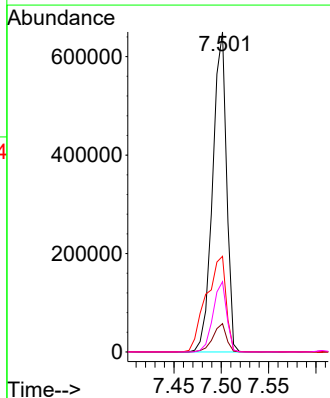
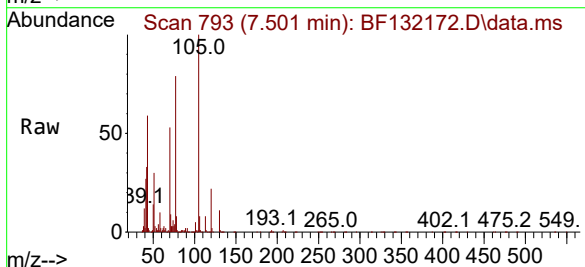
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

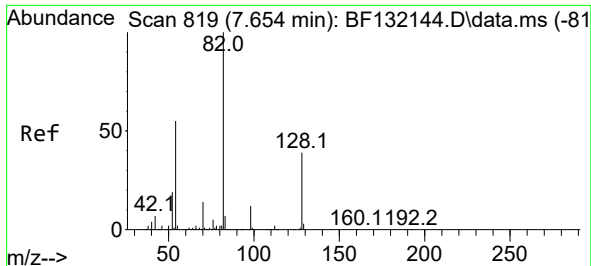
Tgt Ion:136 Resp: 669898
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.4 7.0 10.6
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 41.350 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:105 Resp: 665782
Ion Ratio Lower Upper
105 100
71 8.9 5.8 8.6#
51 29.9 23.0 34.6
120 22.0 17.6 26.4

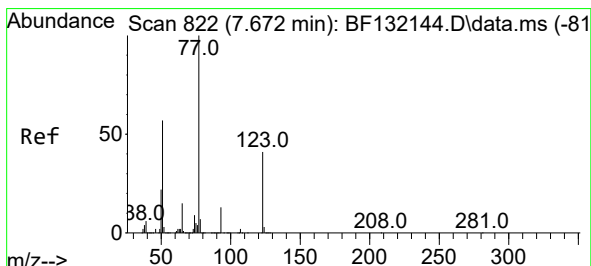
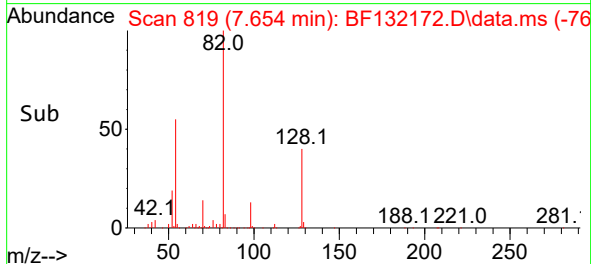
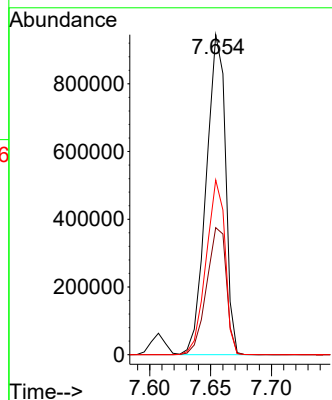
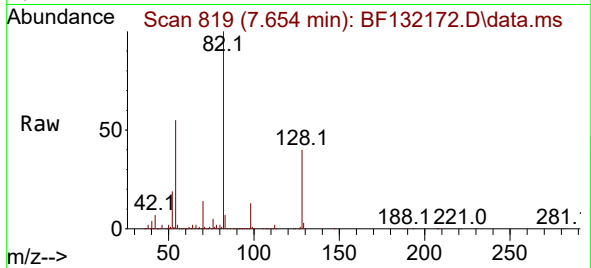




#23
Nitrobenzene-d5
Concen: 82.333 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

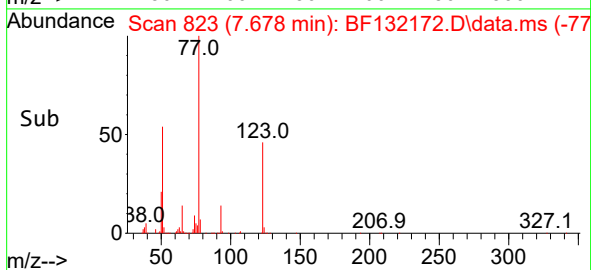
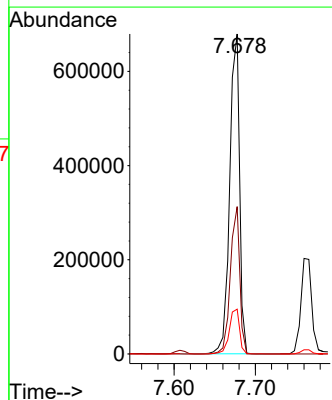
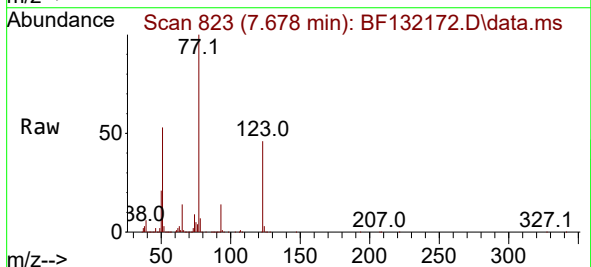
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

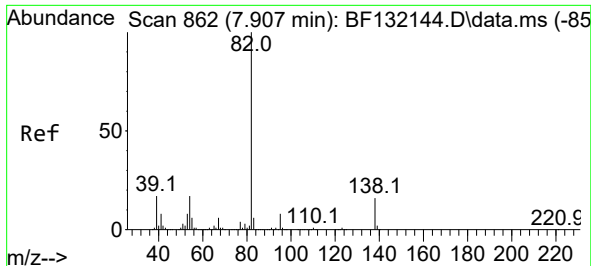
Tgt Ion: 82 Resp: 1038246
Ion Ratio Lower Upper
82 100
128 39.7 31.1 46.7
54 54.6 43.9 65.9



#24
Nitrobenzene
Concen: 42.922 ng
RT: 7.678 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 77 Resp: 573088
Ion Ratio Lower Upper
77 100
123 46.0 33.1 49.7
65 14.0 11.7 17.5

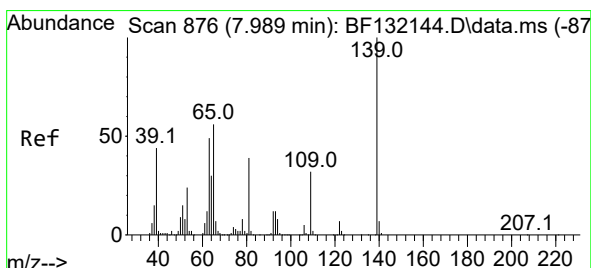
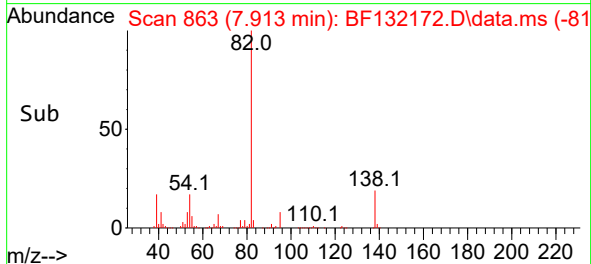
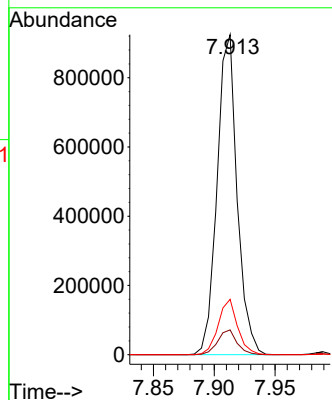
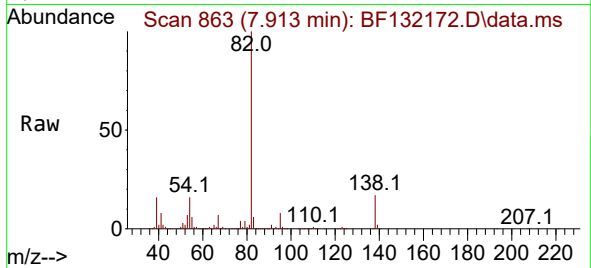




#25
Isophorone
Concen: 42.899 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

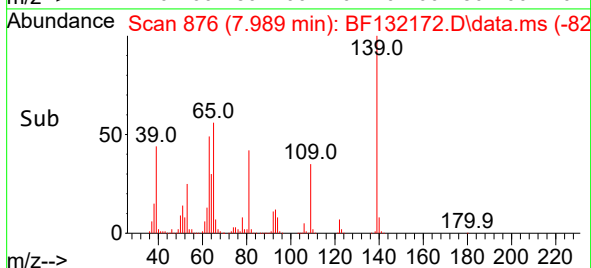
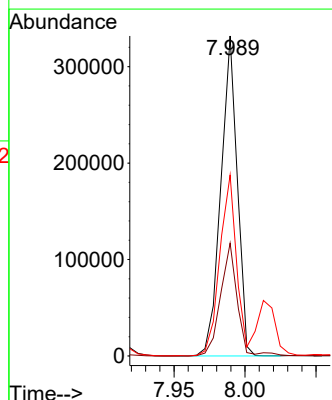
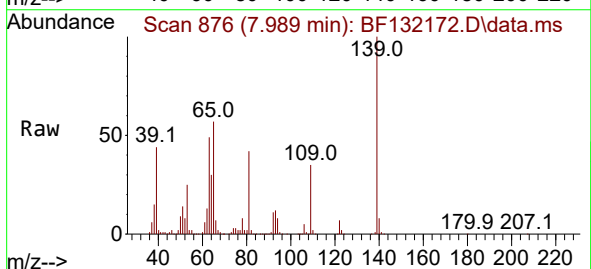
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

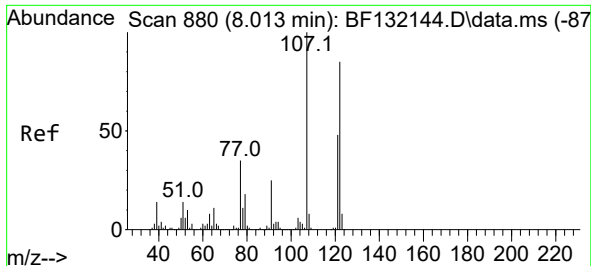
Tgt Ion: 82 Resp: 1058482
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 52.343 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:139 Resp: 266866
Ion Ratio Lower Upper
139 100
109 35.2 25.8 38.8
65 56.5 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 44.753 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

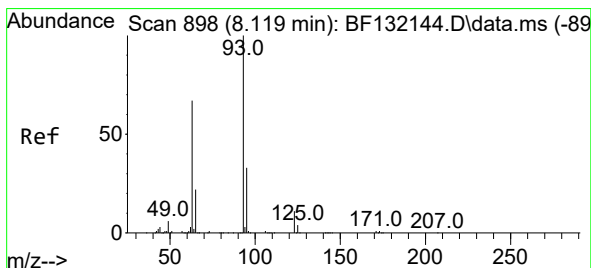
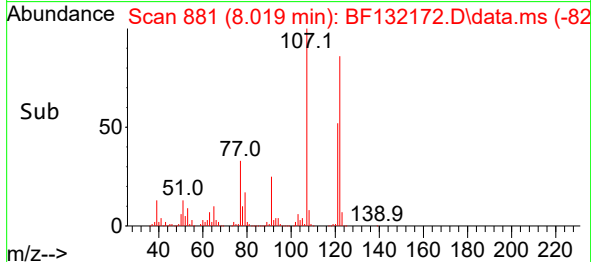
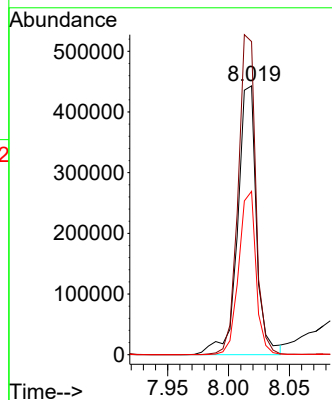
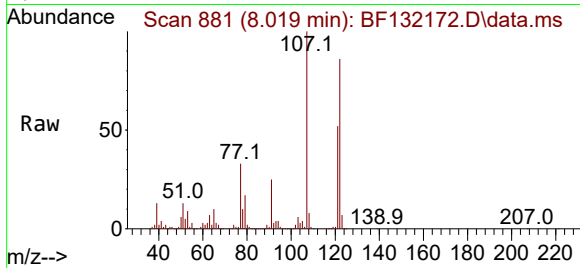
Tgt Ion:122 Resp: 477808

Ion Ratio Lower Upper

122 100

107 116.5 94.2 141.4

121 60.8 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.779 ng

RT: 8.119 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

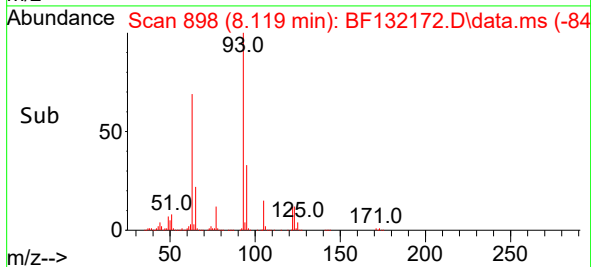
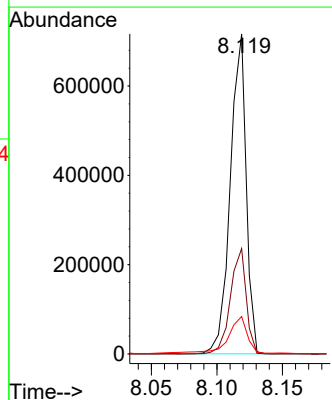
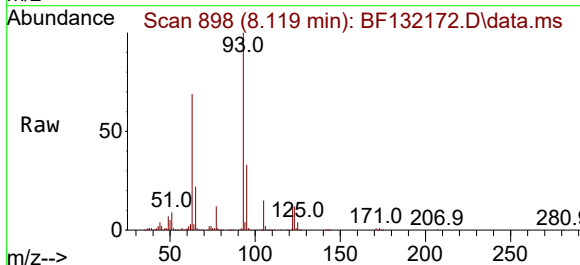
Tgt Ion: 93 Resp: 603691

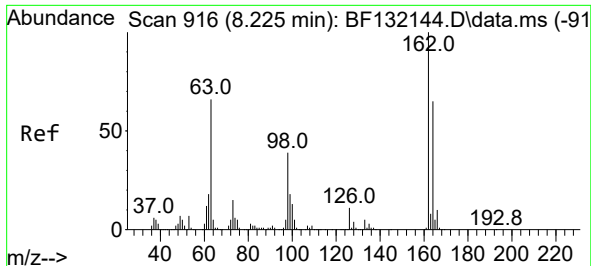
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.742 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

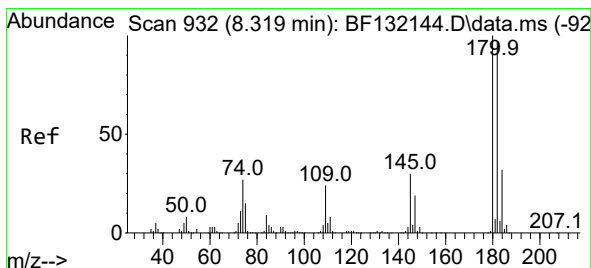
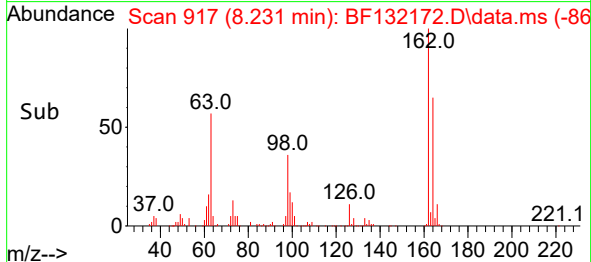
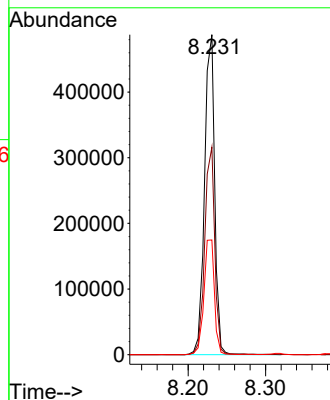
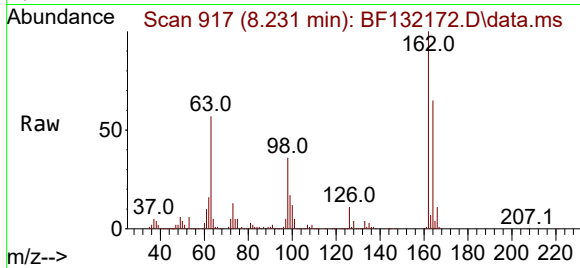
Tgt Ion:162 Resp: 443370

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

98 35.9 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 41.772 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

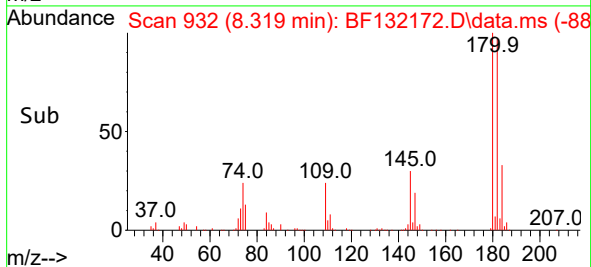
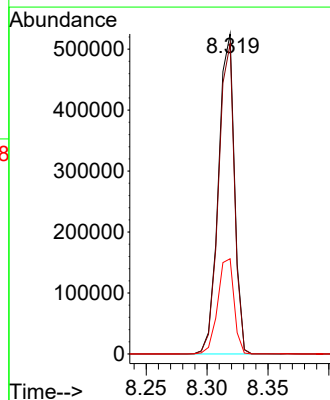
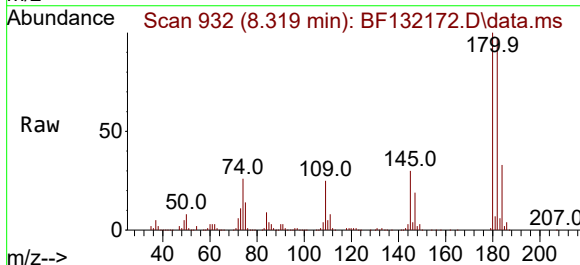
Tgt Ion:180 Resp: 480908

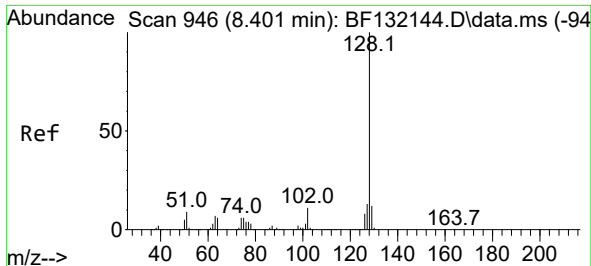
Ion Ratio Lower Upper

180 100

182 97.0 77.4 116.0

145 29.8 23.8 35.6

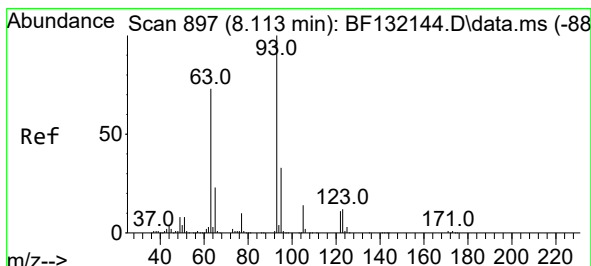
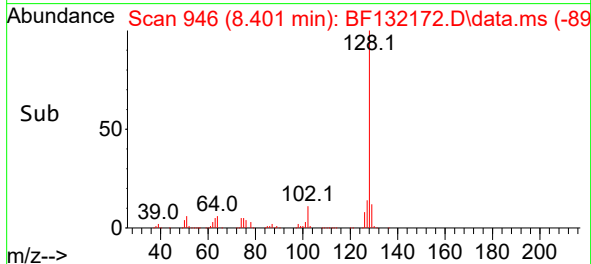
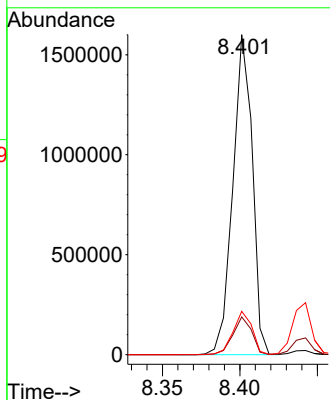
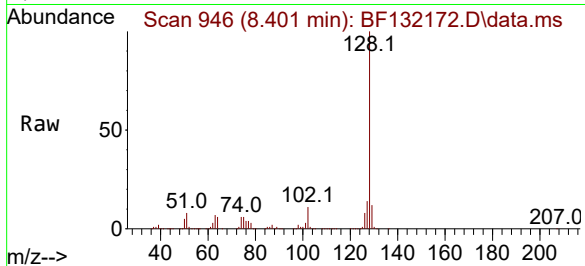




#31
Naphthalene
Concen: 40.595 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

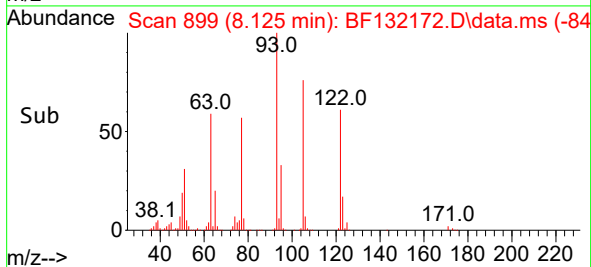
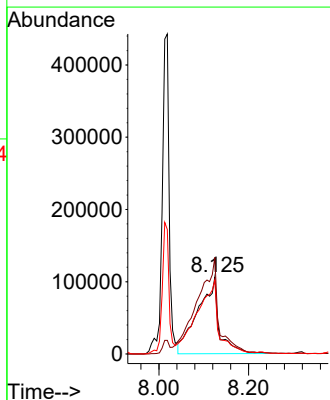
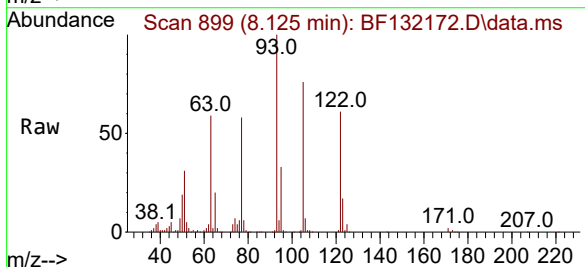
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

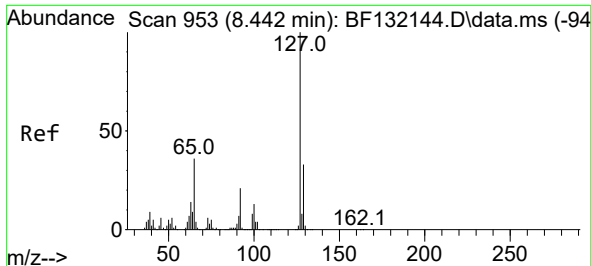
Tgt Ion:128 Resp: 1396657
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 48.766 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:122 Resp: 348706
Ion Ratio Lower Upper
122 100
105 125.4 96.8 136.8
77 96.3 72.5 112.5

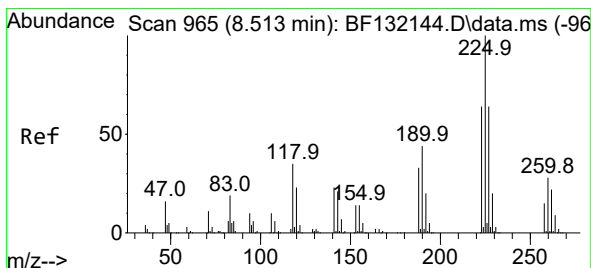
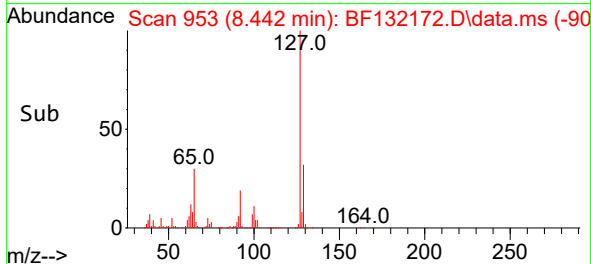
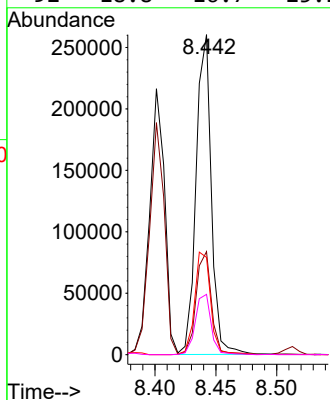
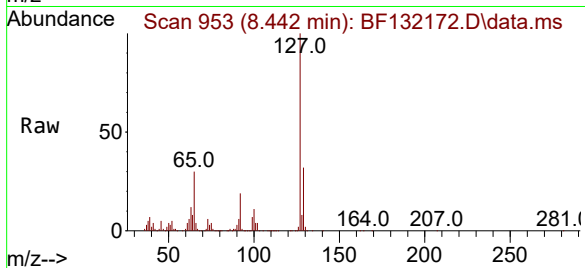




#33
4-Chloroaniline
Concen: 15.405 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

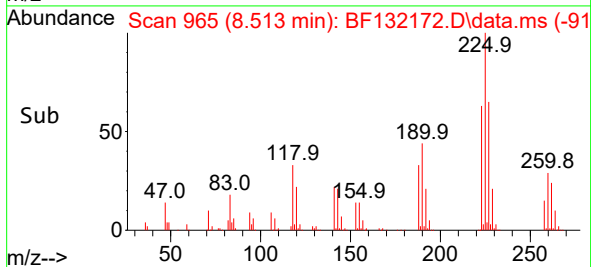
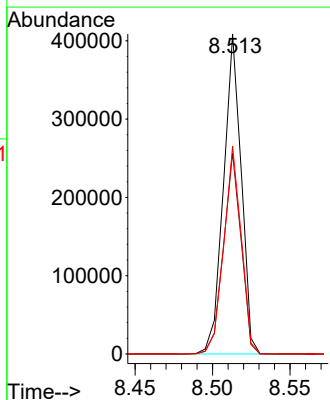
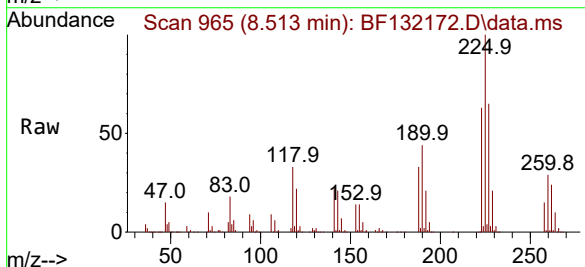
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

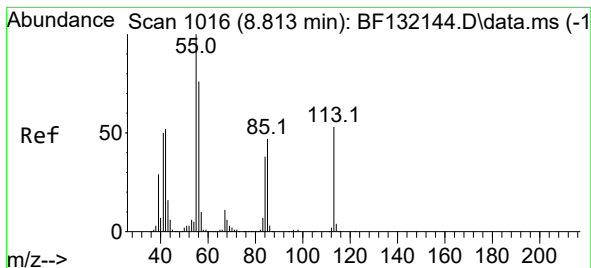
Tgt Ion:	127	Resp:	226815
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	30.4	28.4	42.6
92	18.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.930 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:	225	Resp:	324286
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	65.0	50.8	76.2





#35

Caprolactam

Concen: 36.338 ng

RT: 8.819 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

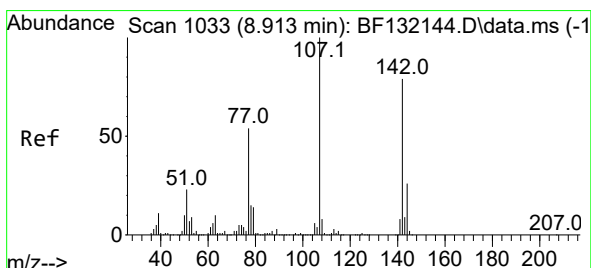
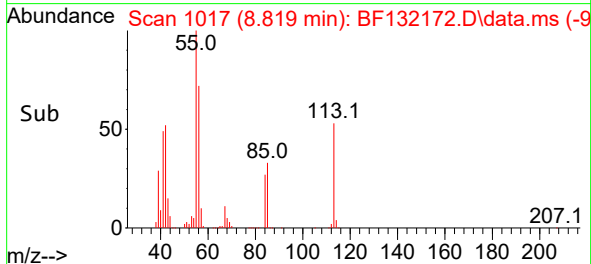
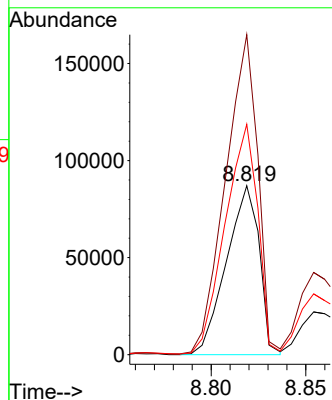
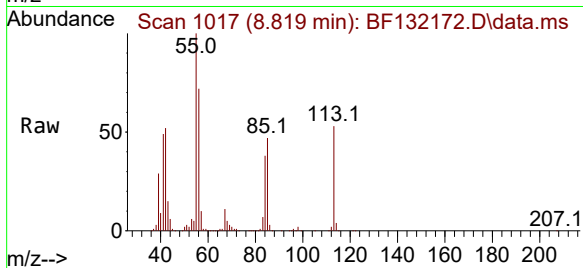
Tgt Ion:113 Resp: 104448

Ion Ratio Lower Upper

113 100

55 189.4 167.5 207.5

56 136.4 122.0 162.0



#36

4-Chloro-3-methylphenol

Concen: 45.475 ng

RT: 8.913 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

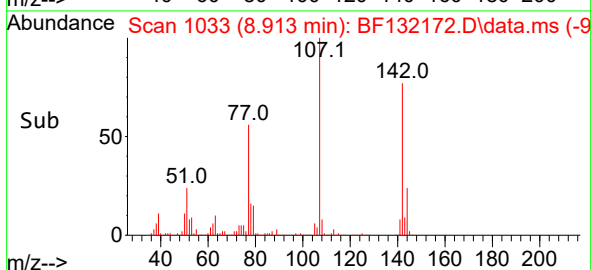
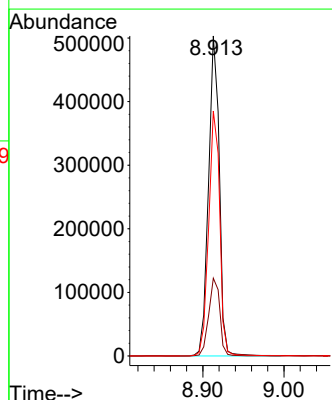
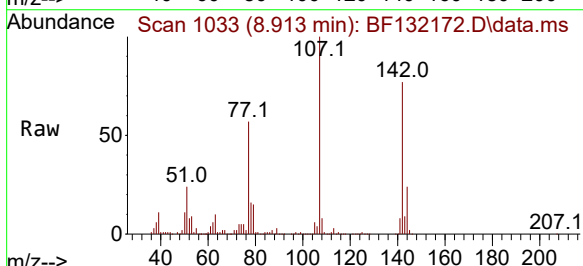
Tgt Ion:107 Resp: 463852

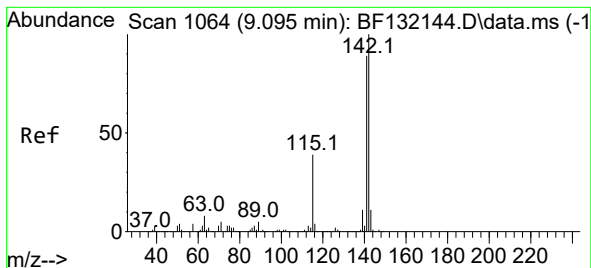
Ion Ratio Lower Upper

107 100

144 24.3 21.0 31.4

142 76.5 63.6 95.4

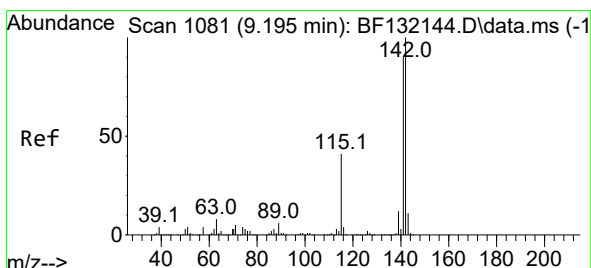
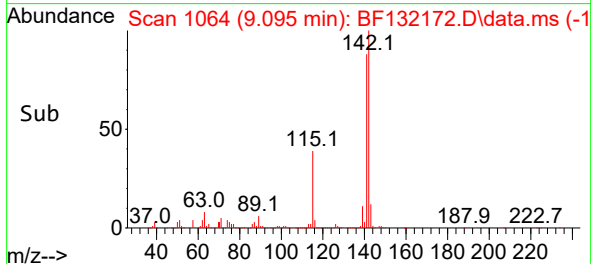
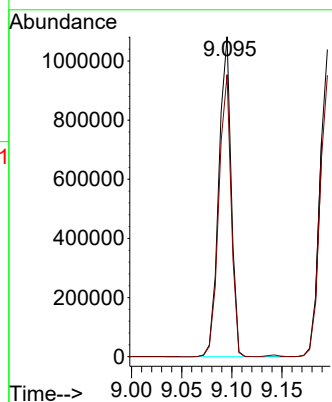
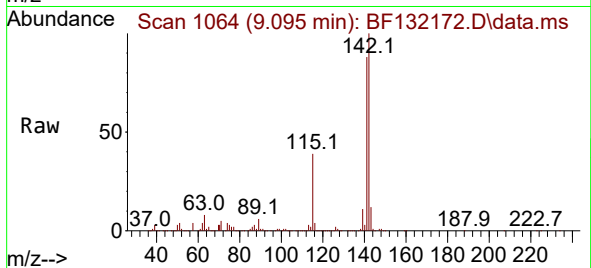




#37
2-Methylnaphthalene
Concen: 39.031 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

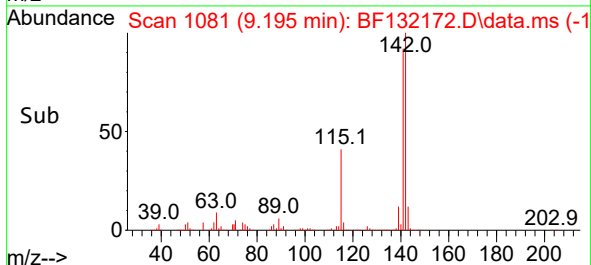
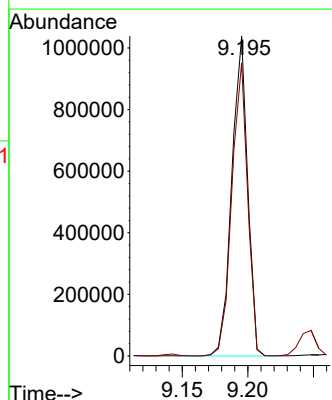
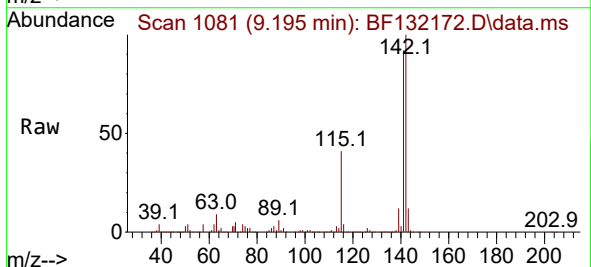
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

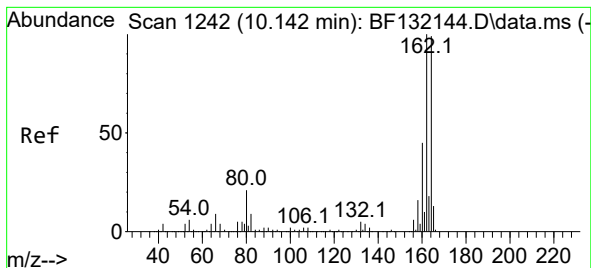
Tgt Ion:142 Resp: 924541
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.530 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:142 Resp: 871246
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

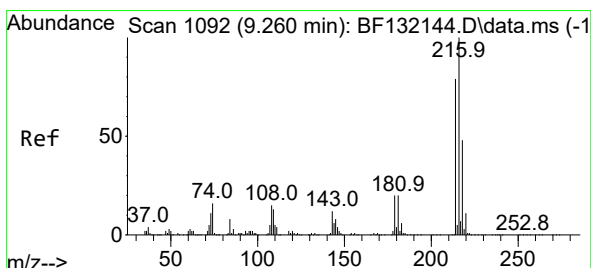
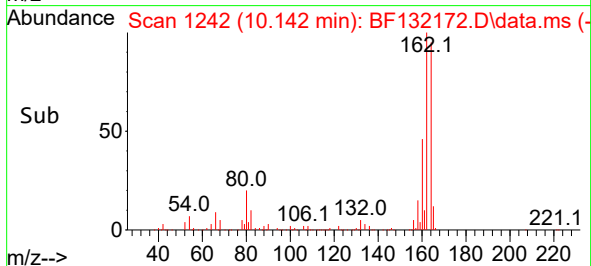
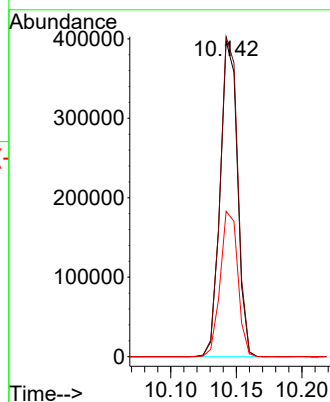
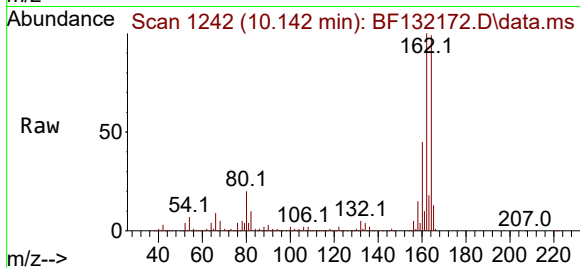
Tgt Ion:164 Resp: 363370

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 46.1 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.340 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Tgt Ion:216 Resp: 497372

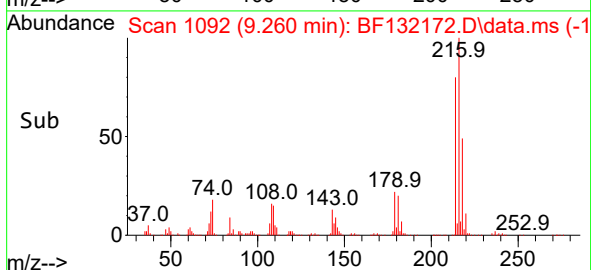
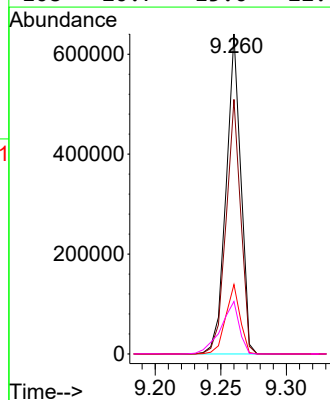
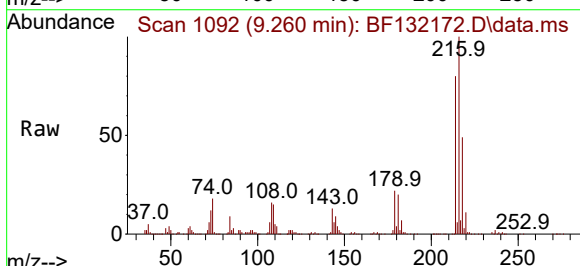
Ion Ratio Lower Upper

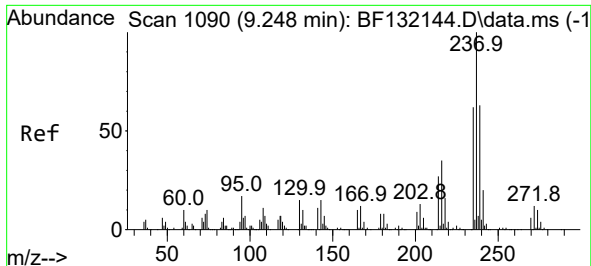
216 100

214 79.2 63.1 94.7

179 21.2 16.6 24.8

108 20.7 15.0 22.4

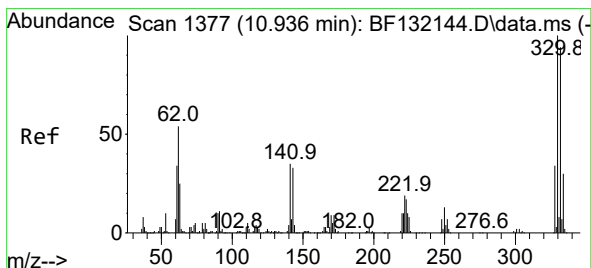
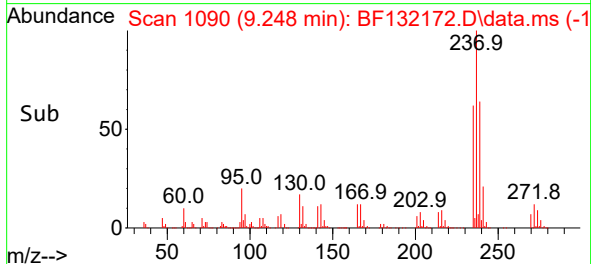
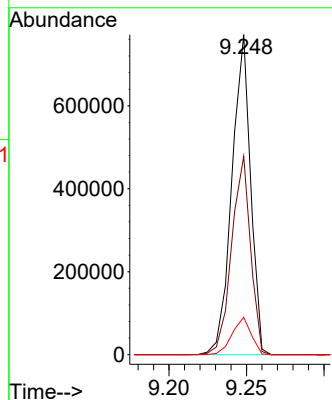
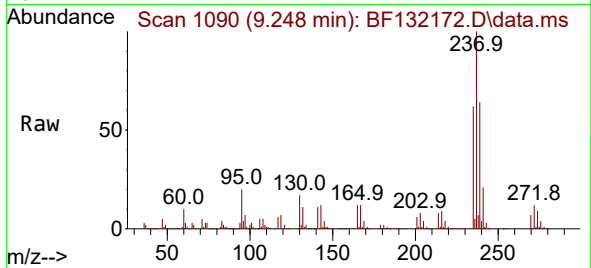




#41
Hexachlorocyclopentadiene
Concen: 93.842 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

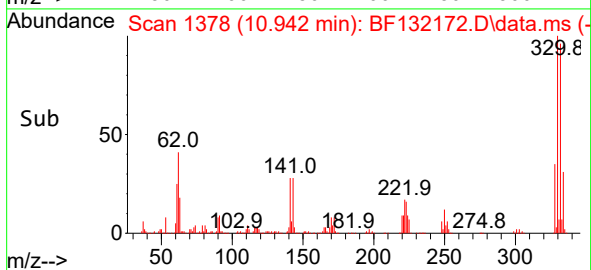
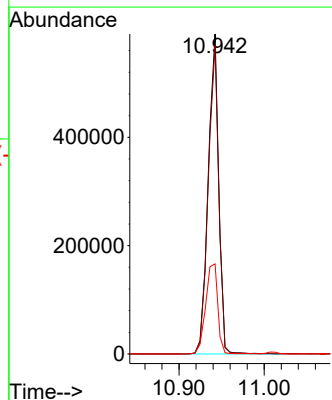
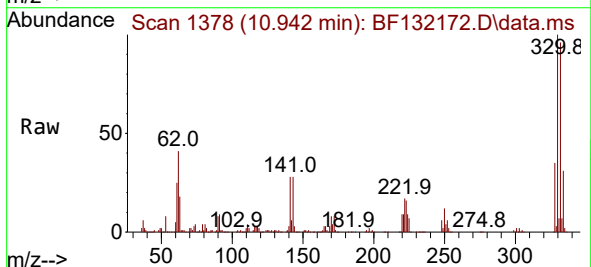
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

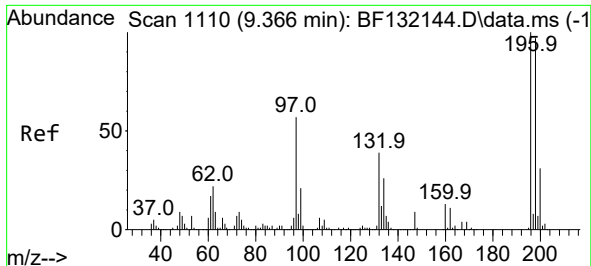
Tgt Ion:237 Resp: 647423
Ion Ratio Lower Upper
237 100
235 62.0 41.7 81.7
272 11.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 130.751 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:330 Resp: 507491
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.3 27.1 40.7

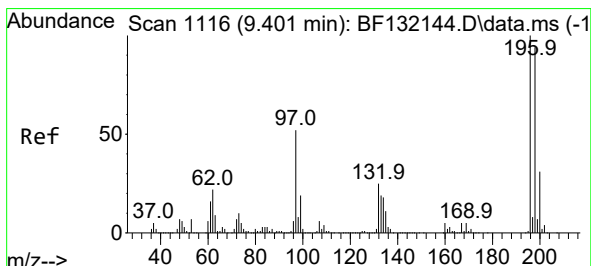
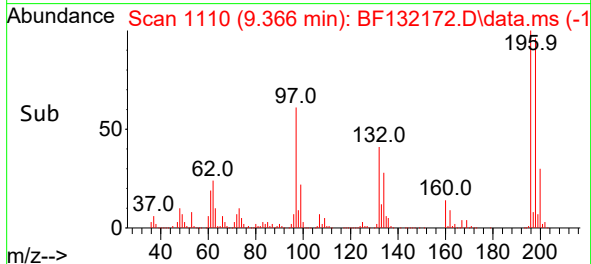
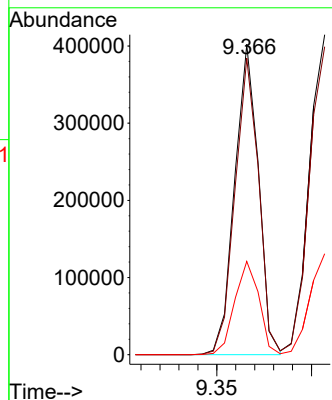
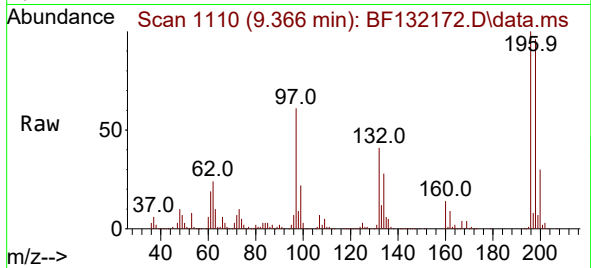




#43
2,4,6-Trichlorophenol
Concen: 44.470 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

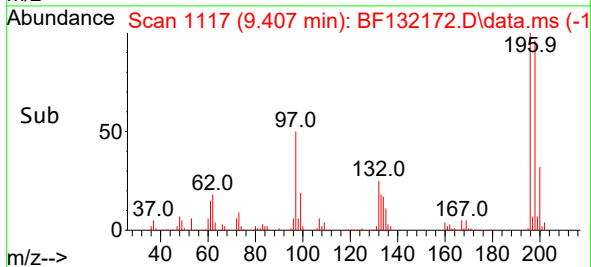
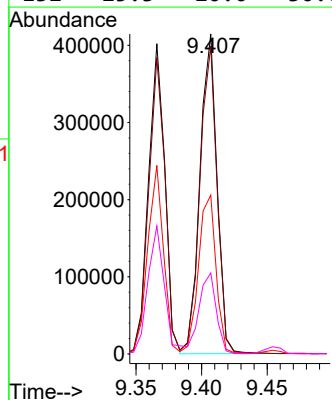
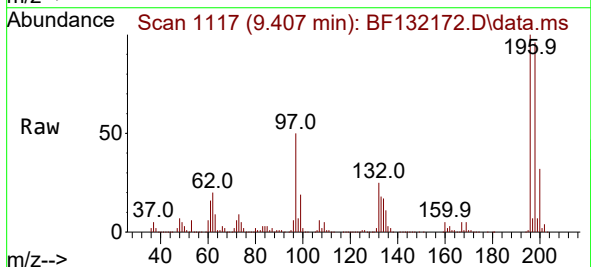
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

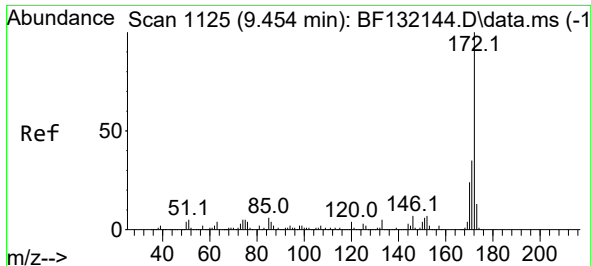
Tgt Ion:196 Resp: 348929
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.2
200 30.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.079 ng
RT: 9.407 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:196 Resp: 376966
Ion Ratio Lower Upper
196 100
198 96.3 75.3 112.9
97 49.7 41.3 61.9
132 25.3 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 66.077 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

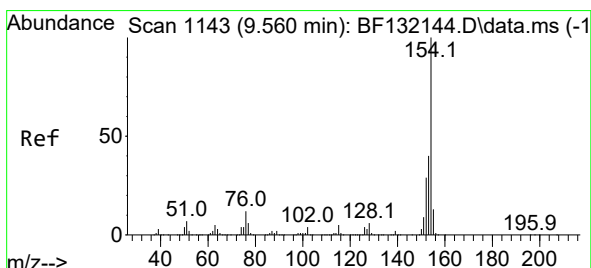
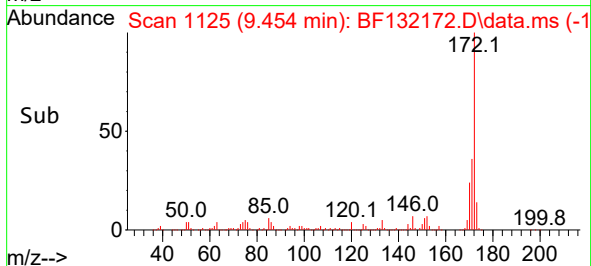
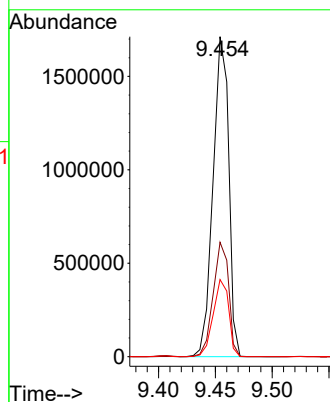
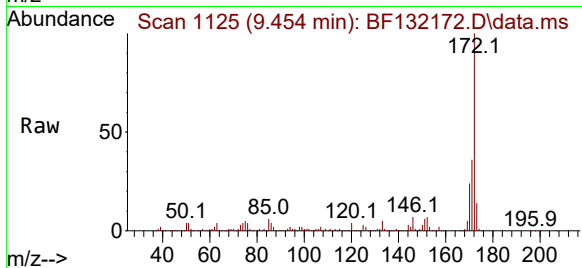
Tgt Ion:172 Resp: 1643177

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.1 19.6 29.4



#46

1,1'-Biphenyl

Concen: 40.032 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

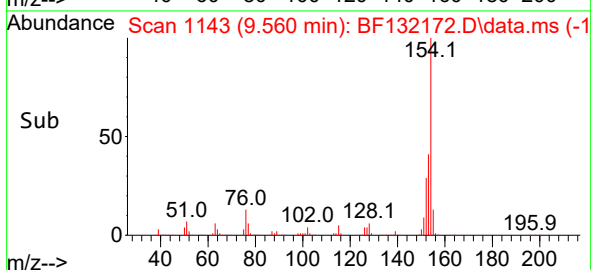
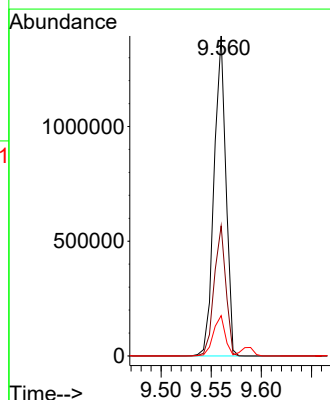
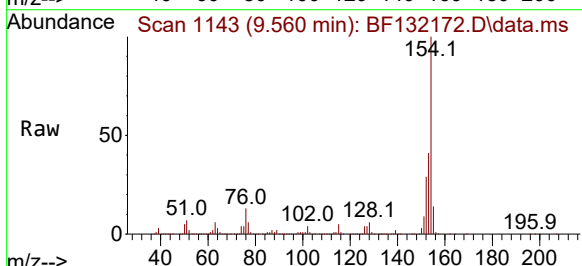
Tgt Ion:154 Resp: 1147607

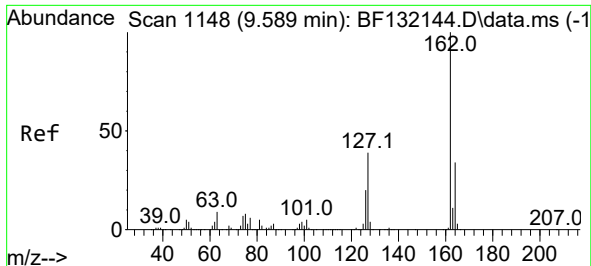
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 41.054 ng

RT: 9.589 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

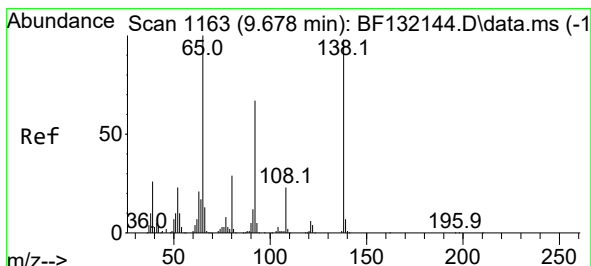
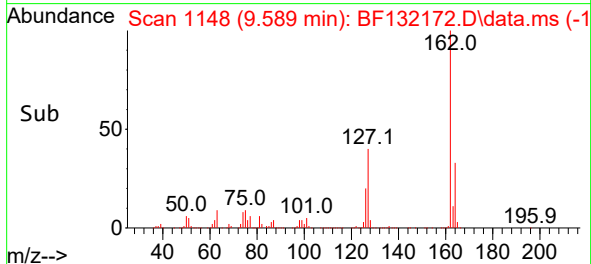
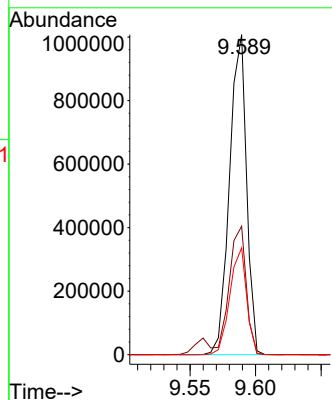
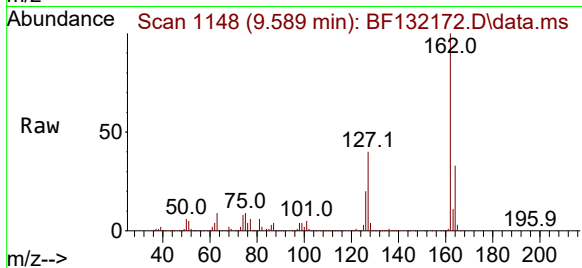
Tgt Ion:162 Resp: 909791

Ion Ratio Lower Upper

162 100

127 40.1 31.1 46.7

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 45.649 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

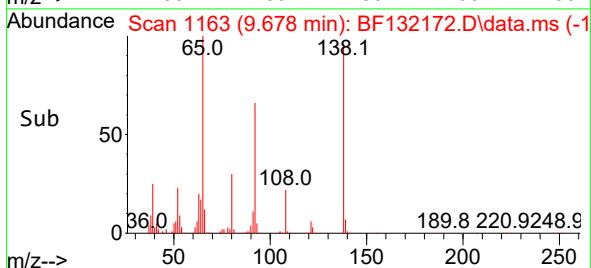
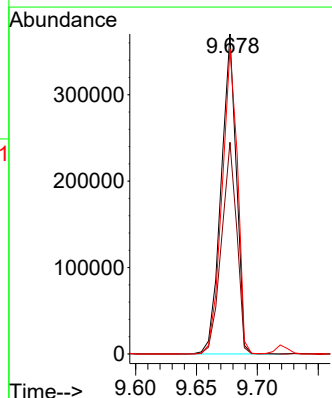
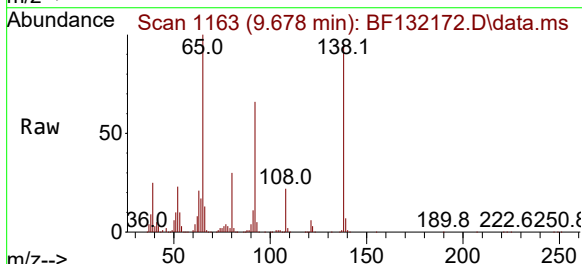
Tgt Ion: 65 Resp: 322574

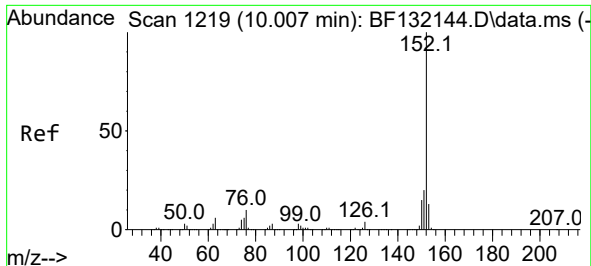
Ion Ratio Lower Upper

65 100

92 66.2 53.8 80.6

138 95.3 78.7 118.1

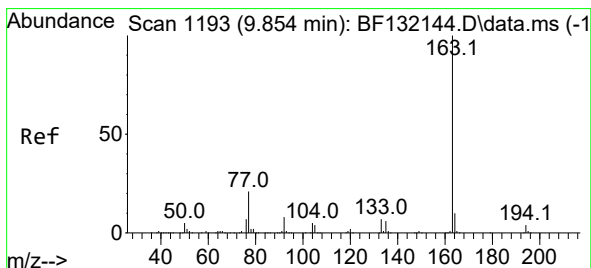
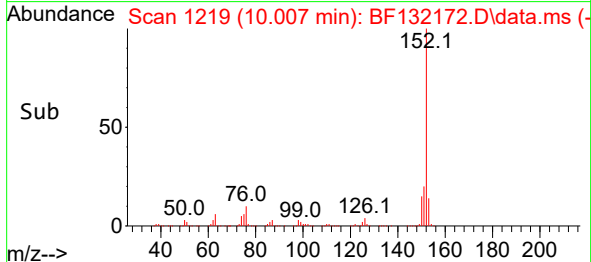
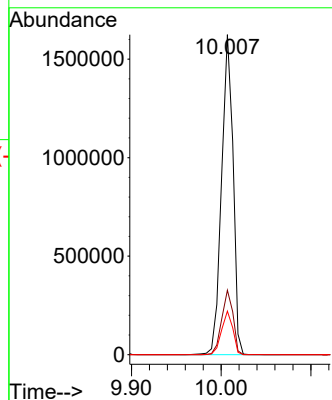
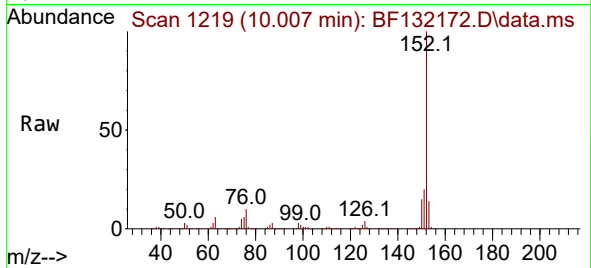




#49
Acenaphthylene
Concen: 40.685 ng
RT: 10.007 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

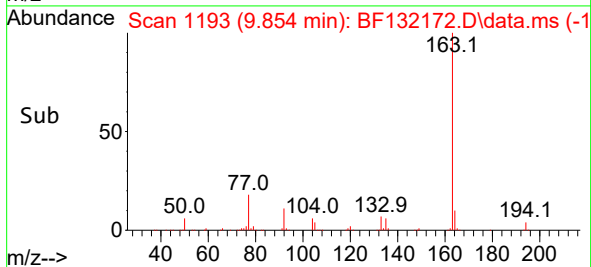
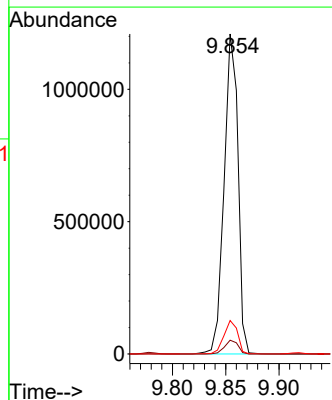
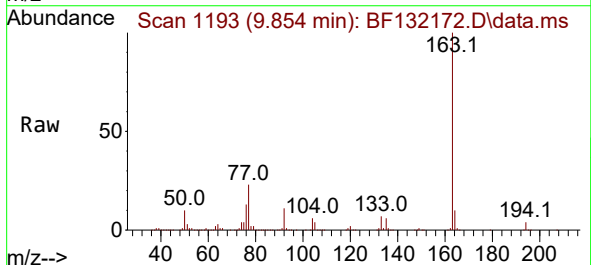
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

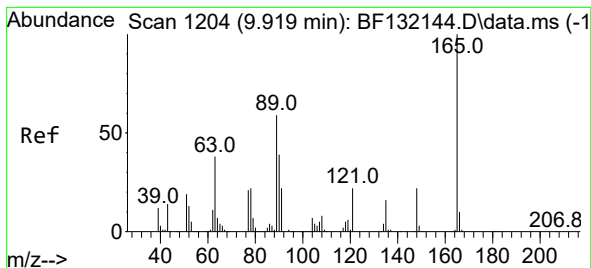
Tgt Ion:152 Resp: 1442347
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.6 10.6 15.8



#50
Dimethylphthalate
Concen: 41.405 ng
RT: 9.854 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:163 Resp: 1089664
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.5 8.2 12.2

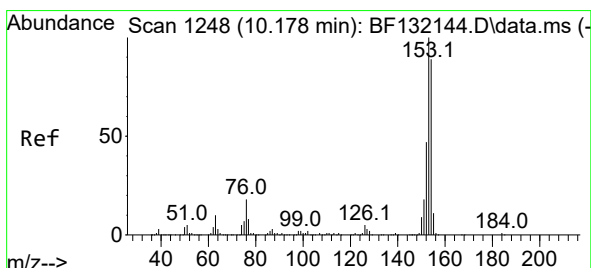
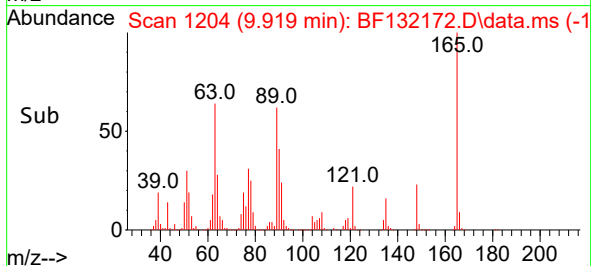
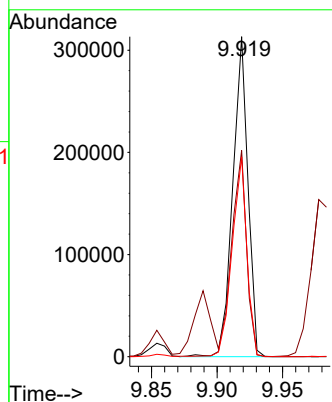
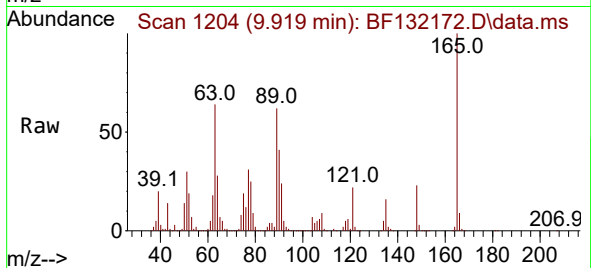




#51
2,6-Dinitrotoluene
Concen: 49.258 ng
RT: 9.919 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

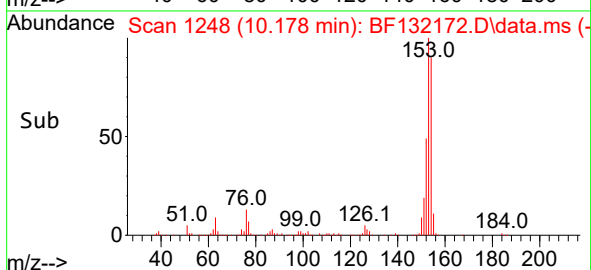
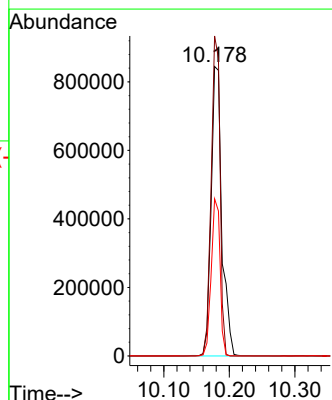
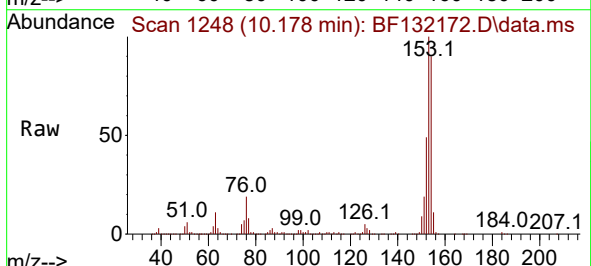
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

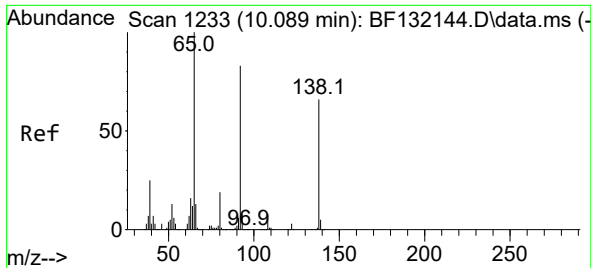
Tgt Ion:165 Resp: 251265
Ion Ratio Lower Upper
165 100
63 64.5 46.6 70.0
89 62.5 47.4 71.2



#52
Acenaphthene
Concen: 45.122 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:154 Resp: 962180
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.8
152 54.3 42.3 63.5

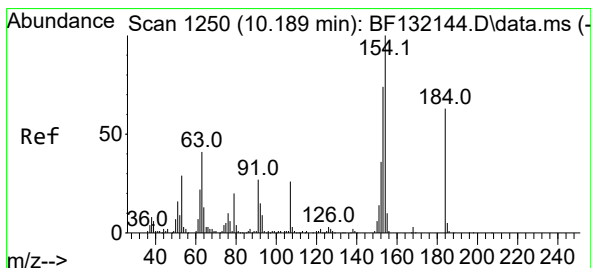
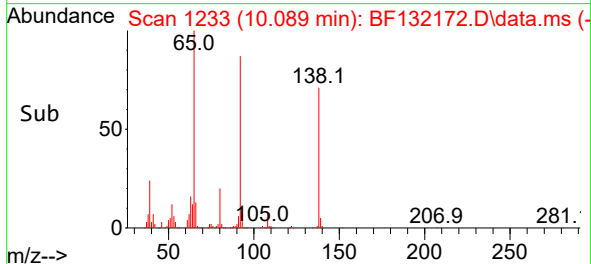
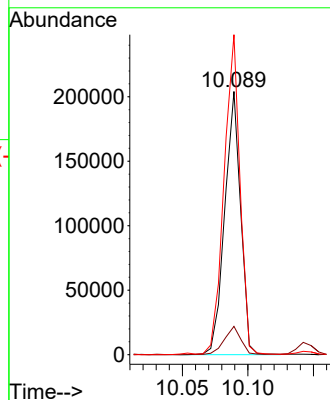
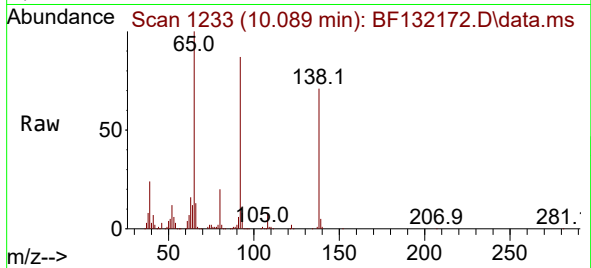




#53
3-Nitroaniline
Concen: 31.502 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

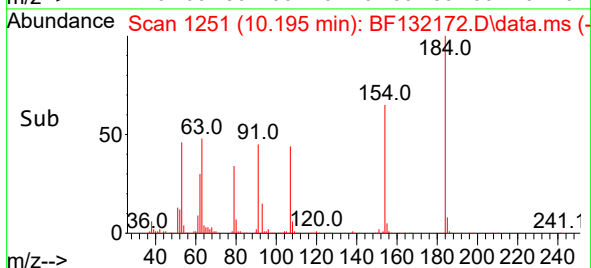
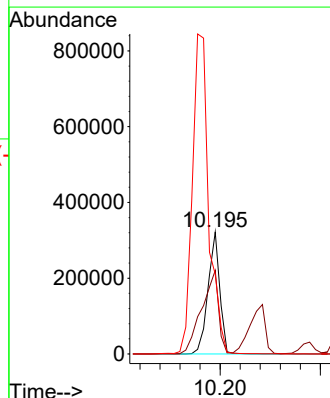
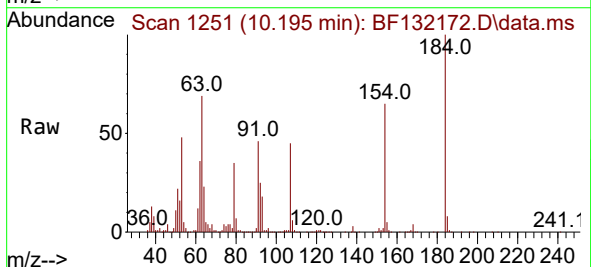
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

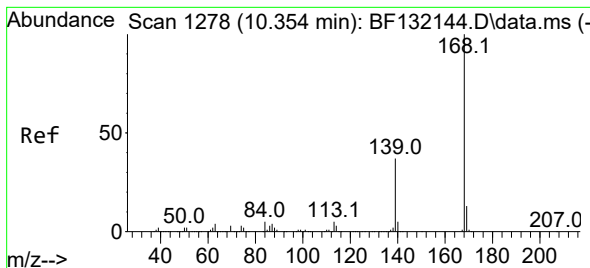
Tgt Ion:138 Resp: 171804
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 121.6 101.2 151.8



#54
2,4-Dinitrophenol
Concen: 108.931 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:184 Resp: 264179
Ion Ratio Lower Upper
184 100
63 68.6 53.2 79.8
154 65.4 129.4 194.0#





#55

Dibenzofuran

Concen: 39.795 ng

RT: 10.354 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

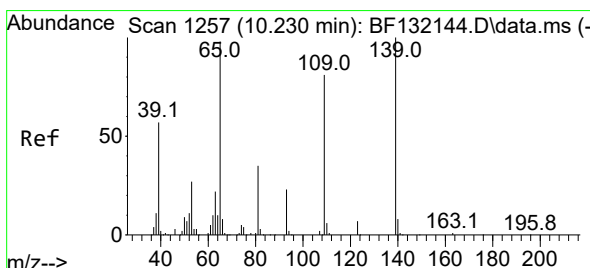
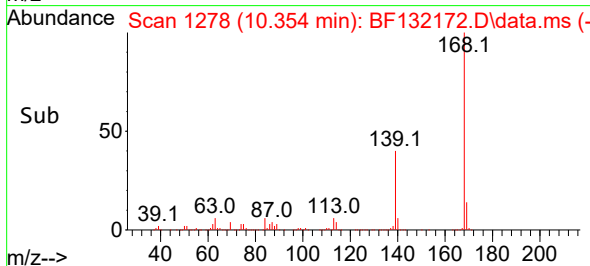
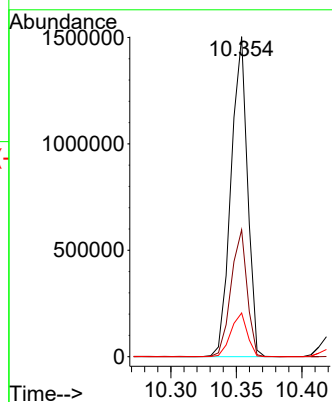
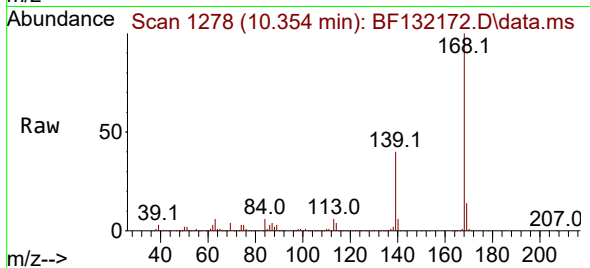
Tgt Ion:168 Resp: 1311397

Ion Ratio Lower Upper

168 100

139 39.7 29.8 44.8

169 13.7 10.3 15.5



#56

4-Nitrophenol

Concen: 100.269 ng

RT: 10.242 min Scan# 1259

Delta R.T. 0.012 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

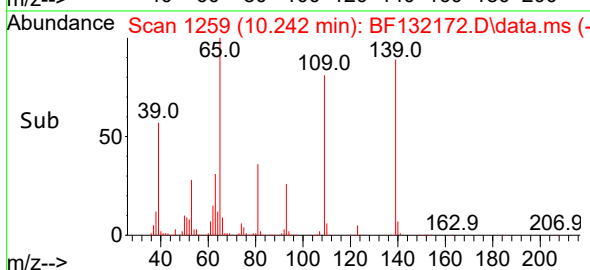
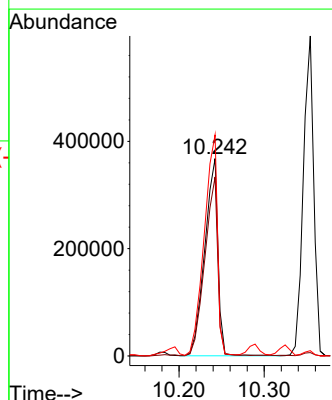
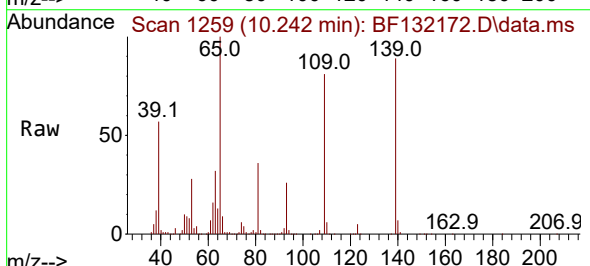
Tgt Ion:139 Resp: 397985

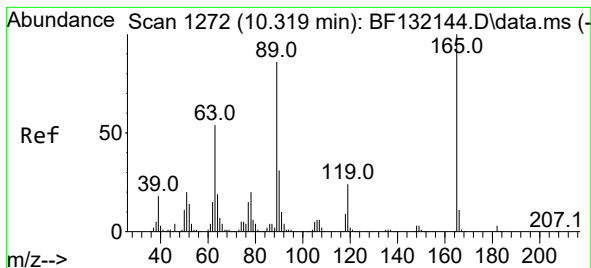
Ion Ratio Lower Upper

139 100

109 90.6 61.0 101.0

65 112.0 79.3 119.3

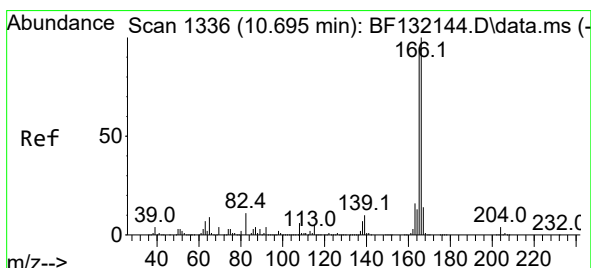
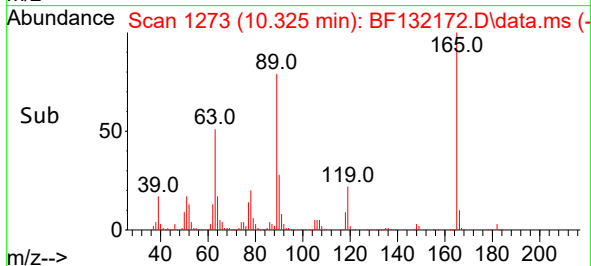
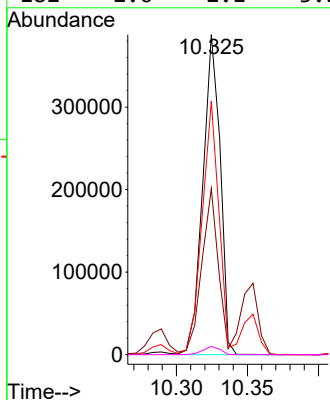
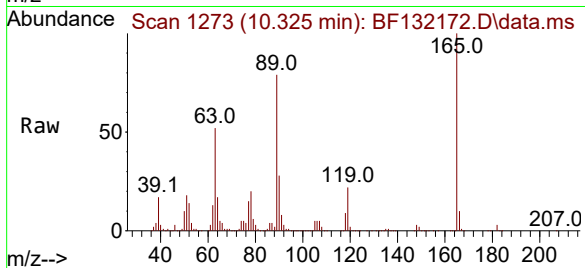




#57
2,4-Dinitrotoluene
Concen: 53.885 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

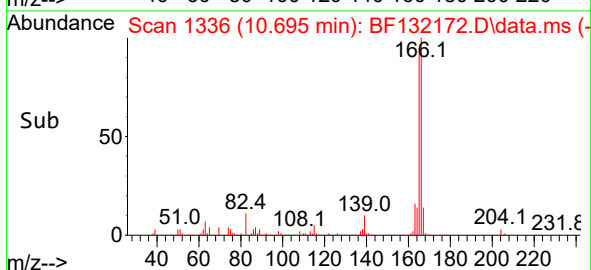
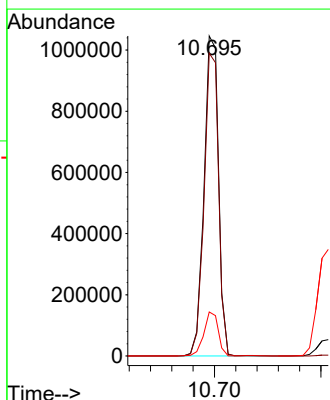
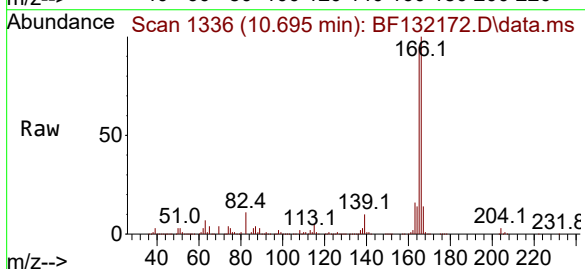
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

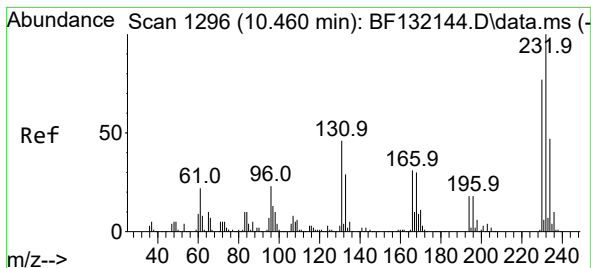
Tgt Ion:165 Resp: 329933
Ion Ratio Lower Upper
165 100
63 51.9 43.5 65.3
89 79.2 69.0 103.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.552 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:166 Resp: 990200
Ion Ratio Lower Upper
166 100
165 94.6 76.4 114.6
167 13.8 11.0 16.4

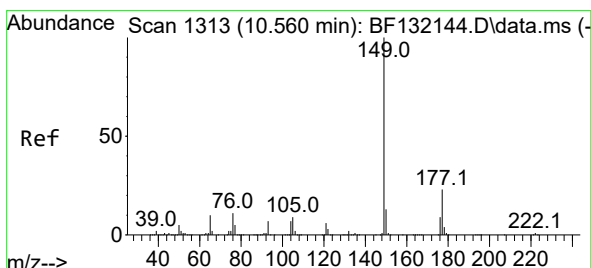
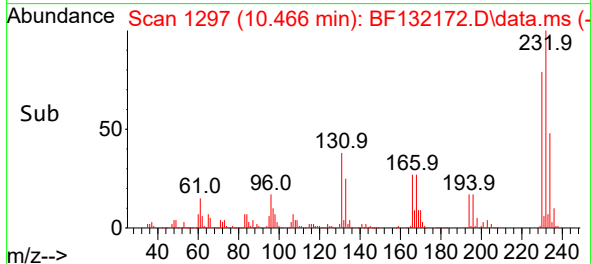
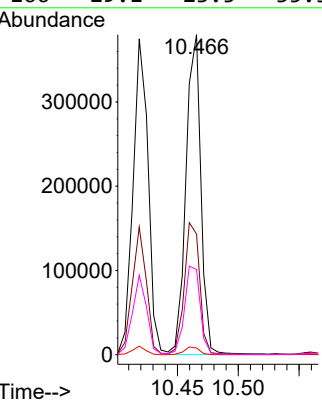
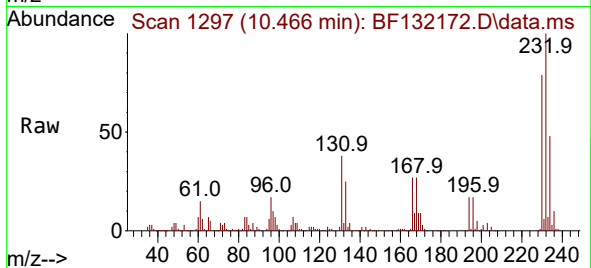




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.282 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

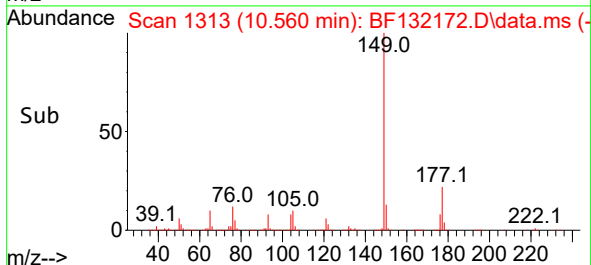
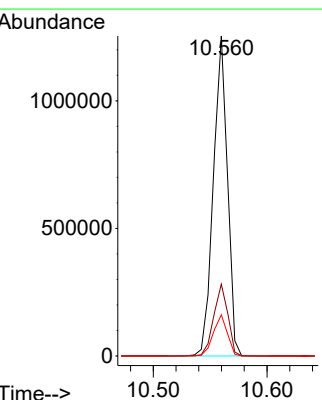
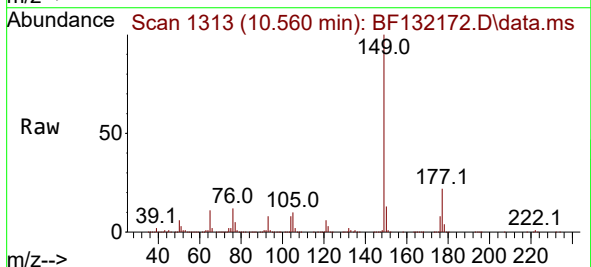
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

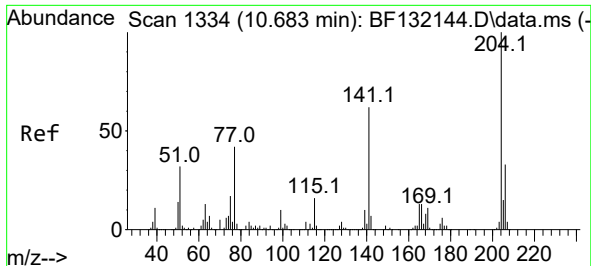
Tgt Ion:232 Resp: 323071
Ion Ratio Lower Upper
232 100
131 42.5 33.8 50.6
130 2.4 1.9 2.9
166 29.1 23.5 35.3



#60
Diethylphthalate
Concen: 41.919 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:149 Resp: 1081834
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.9 10.1 15.1

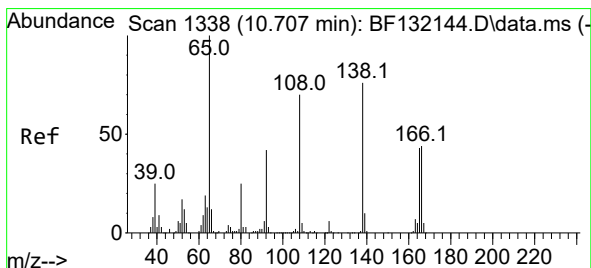
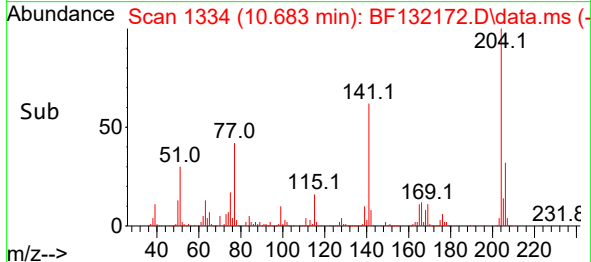
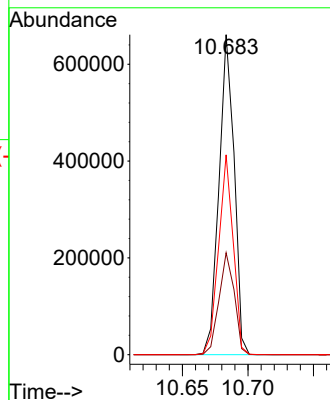
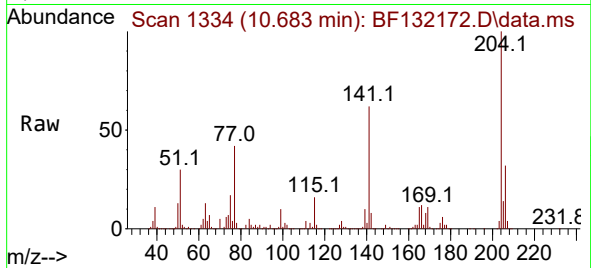




#61
4-Chlorophenyl-phenylether
Concen: 40.480 ng
RT: 10.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

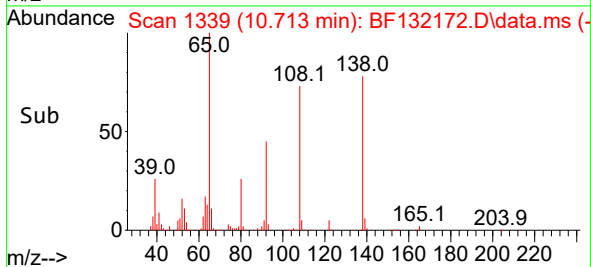
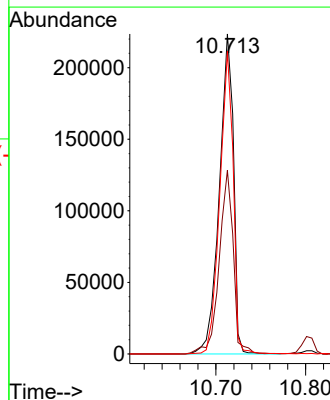
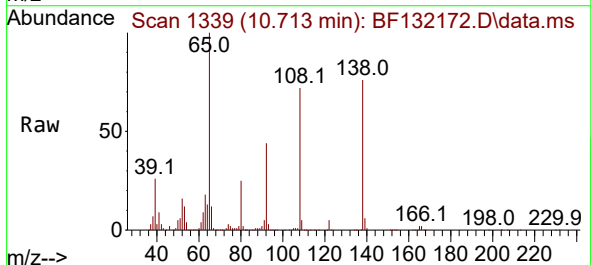
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

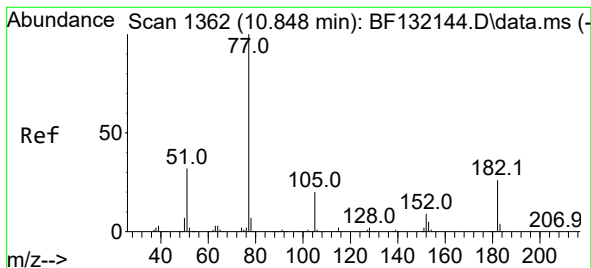
Tgt Ion:204 Resp: 529286
Ion Ratio Lower Upper
204 100
206 31.9 26.4 39.6
141 62.5 49.2 73.8



#62
4-Nitroaniline
Concen: 48.187 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:138 Resp: 244667
Ion Ratio Lower Upper
138 100
92 57.4 35.9 75.9
108 94.5 72.0 112.0





#63

Azobenzene

Concen: 52.226 ng

RT: 10.848 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion: 77 Resp: 1352716

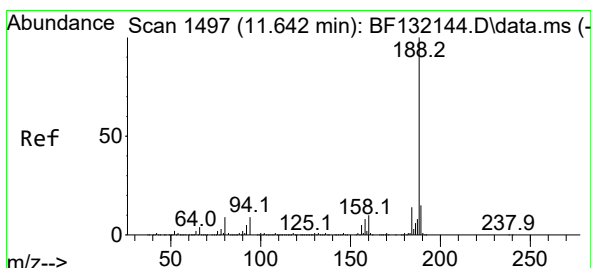
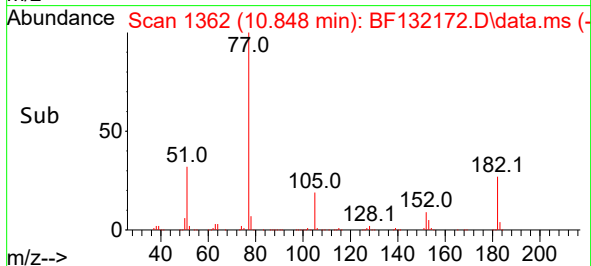
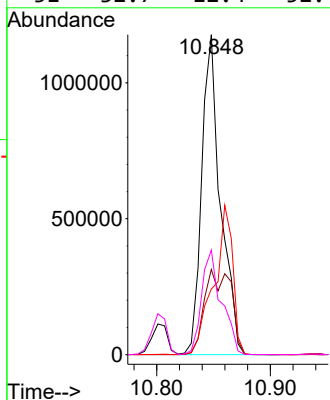
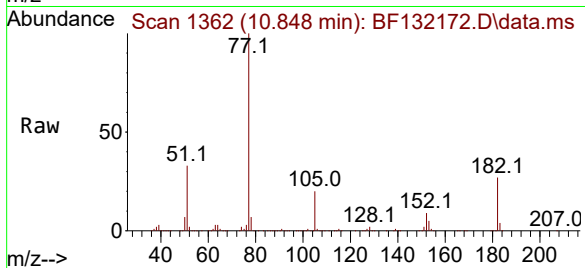
Ion Ratio Lower Upper

77 100

182 26.7 6.4 46.4

105 20.5 0.0 39.8

51 32.7 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

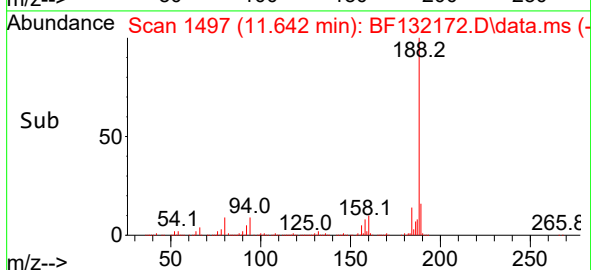
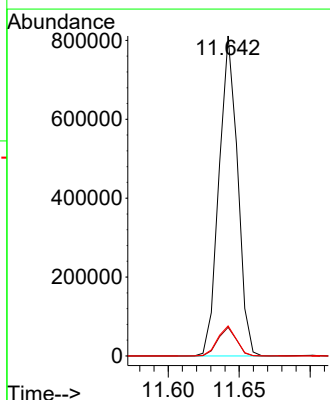
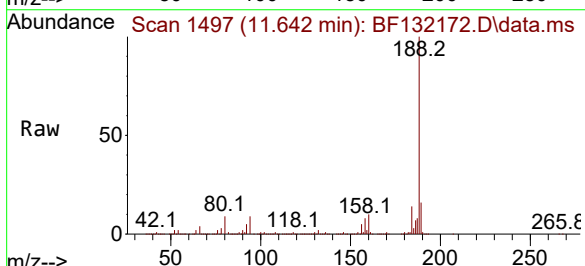
Tgt Ion:188 Resp: 736982

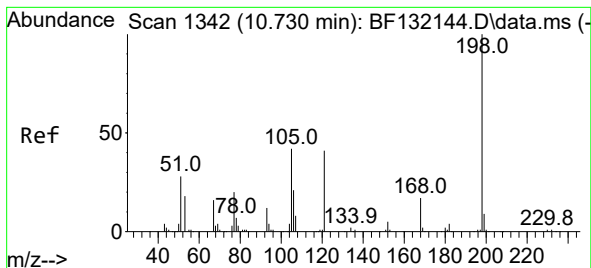
Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 9.4 7.5 11.3

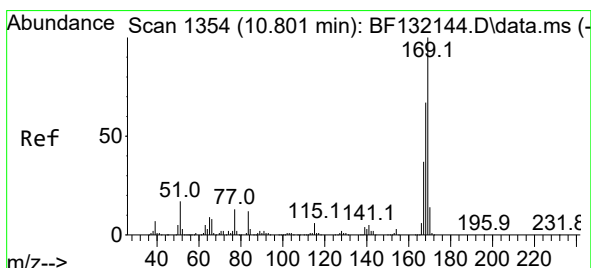
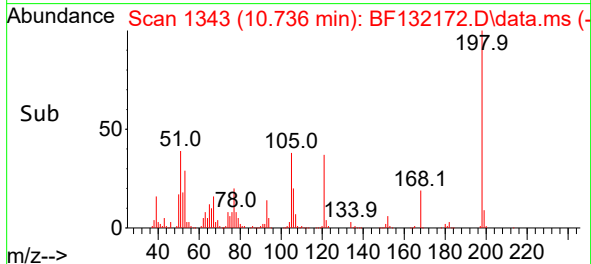
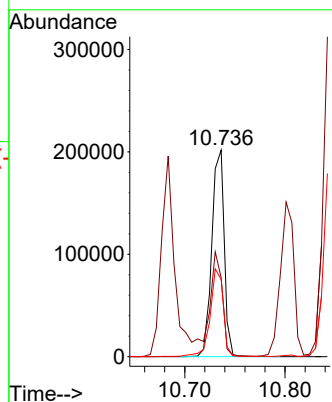
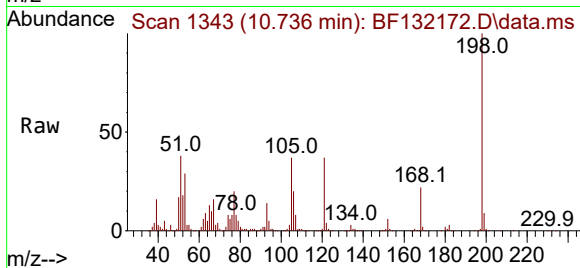




#65
4,6-Dinitro-2-methylphenol
Concen: 48.068 ng
RT: 10.736 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

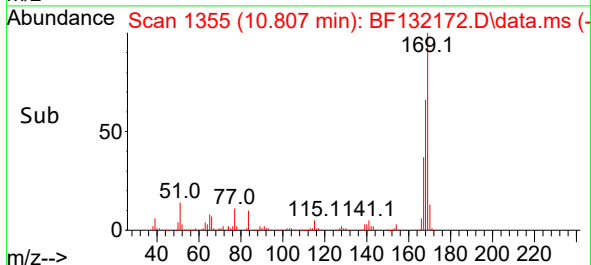
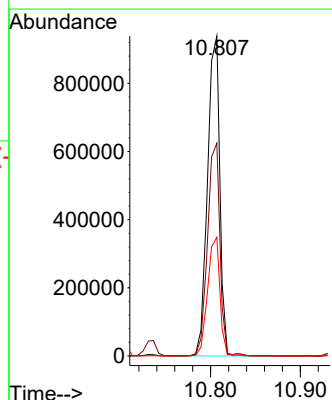
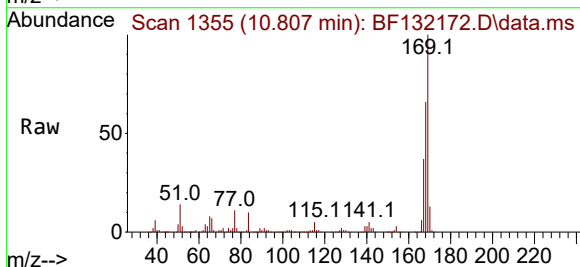
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

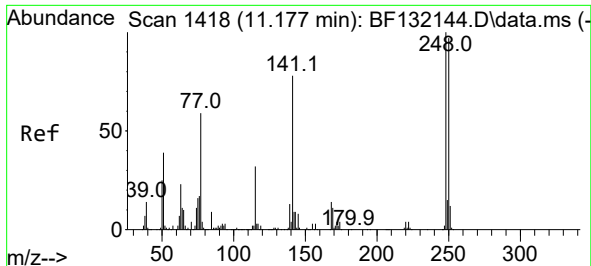
Tgt Ion:198 Resp: 174002
Ion Ratio Lower Upper
198 100
51 38.3 24.3 64.3
105 37.4 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 37.768 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:169 Resp: 891433
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 37.1 29.7 44.5

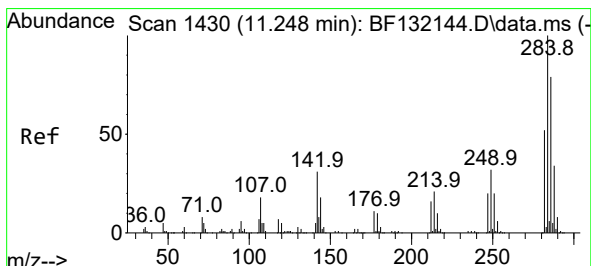
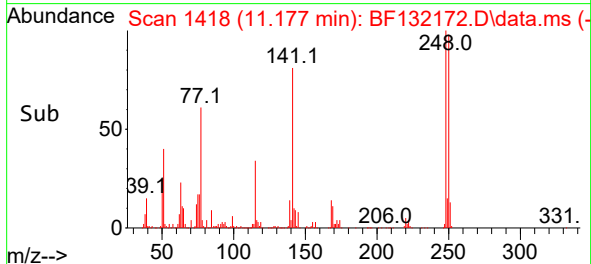
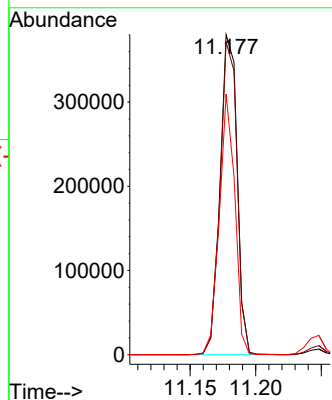
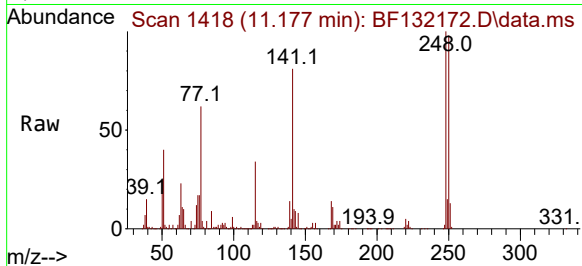




#67
4-Bromophenyl-phenylether
Concen: 38.207 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

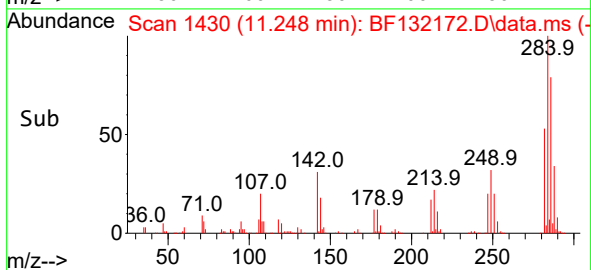
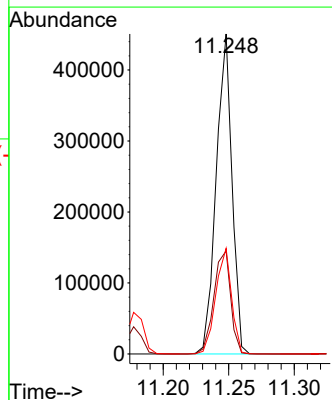
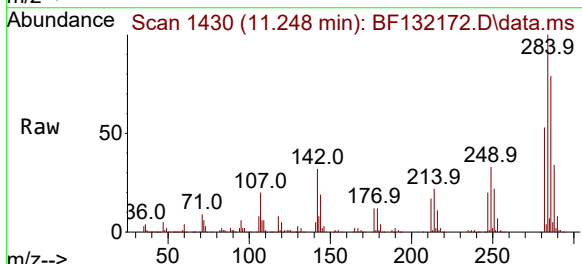
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

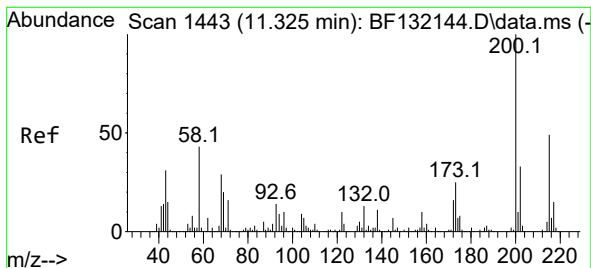
Tgt Ion:248 Resp: 343215
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.0
141 81.4 62.2 93.2



#68
Hexachlorobenzene
Concen: 42.208 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:284 Resp: 376827
Ion Ratio Lower Upper
284 100
142 32.2 24.7 37.1
249 33.0 25.6 38.4





#69

Atrazine

Concen: 45.307 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

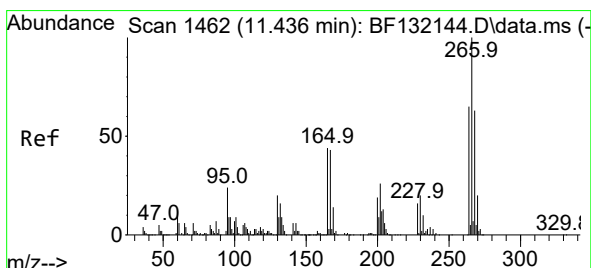
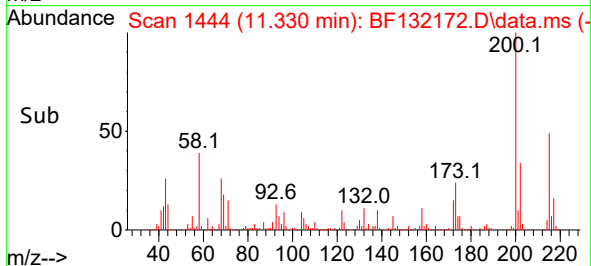
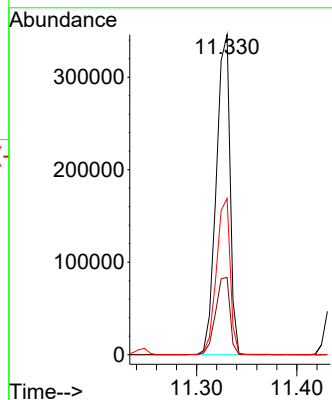
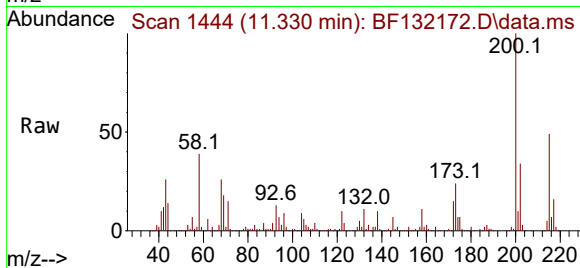
Tgt Ion:200 Resp: 329931

Ion Ratio Lower Upper

200 100

173 24.2 5.0 45.0

215 48.8 28.6 68.6



#70

Pentachlorophenol

Concen: 78.244 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

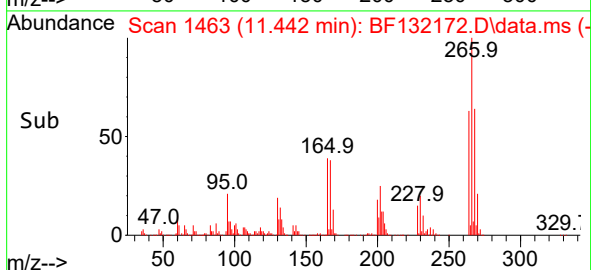
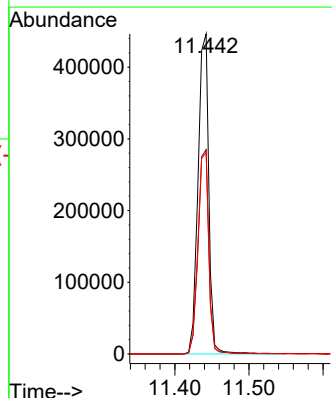
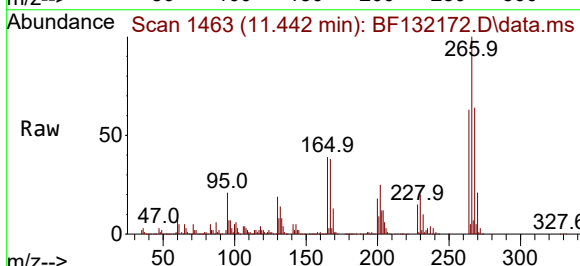
Tgt Ion:266 Resp: 448896

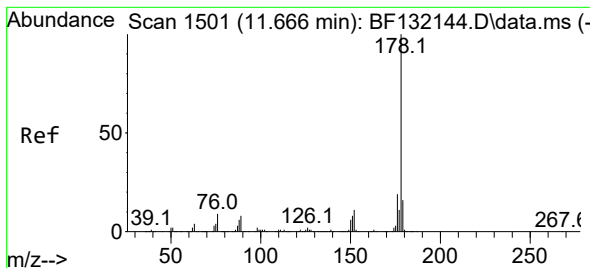
Ion Ratio Lower Upper

266 100

268 63.8 50.8 76.2

264 62.9 52.3 78.5





#71

Phenanthrene

Concen: 39.042 ng

RT: 11.672 min Scan# 1502

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

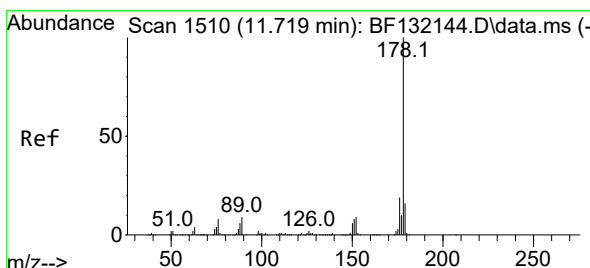
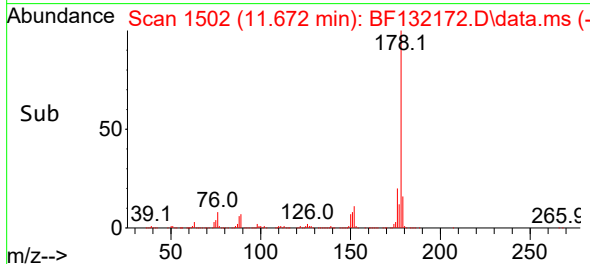
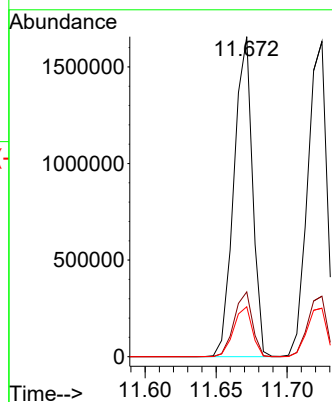
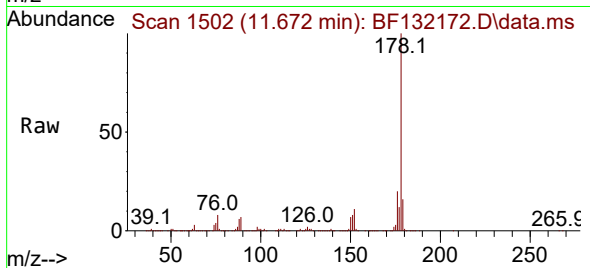
Tgt Ion:178 Resp: 1509959

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

179 15.6 12.6 19.0



#72

Anthracene

Concen: 39.234 ng

RT: 11.724 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

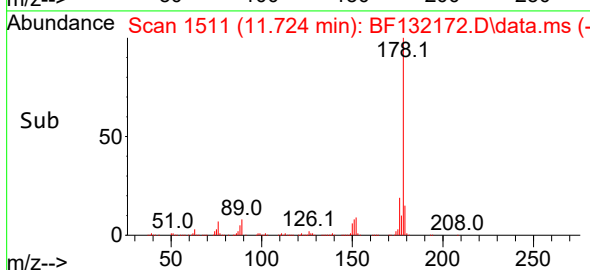
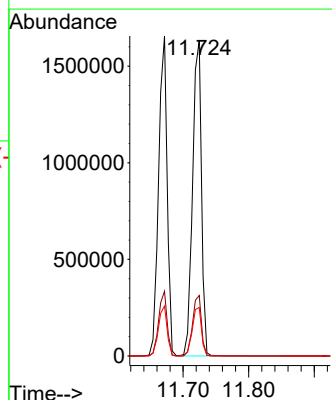
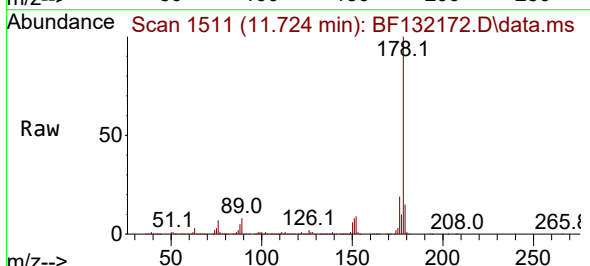
Tgt Ion:178 Resp: 1535077

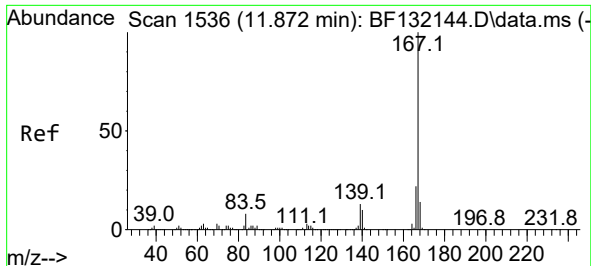
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.6 18.8

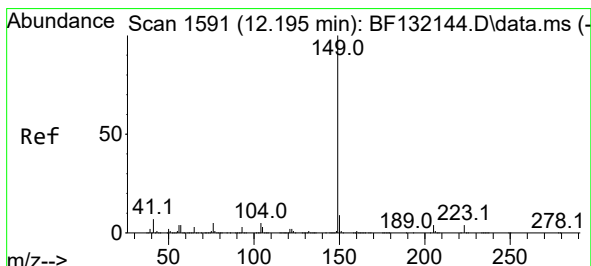
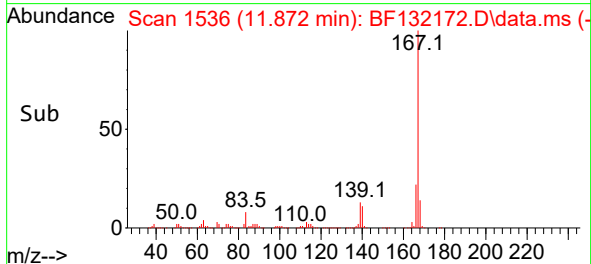
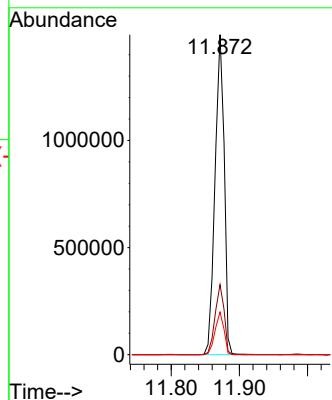
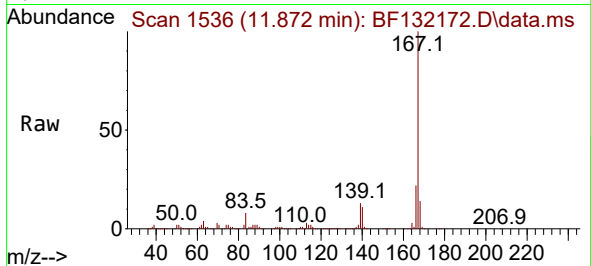




#73
 Carbazole
 Concen: 42.070 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08

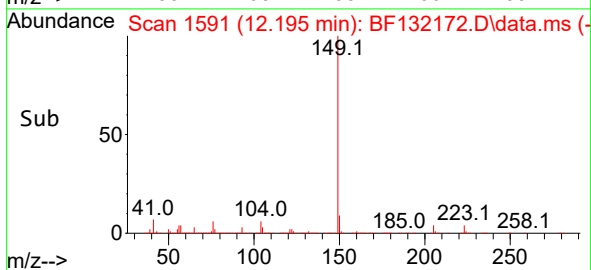
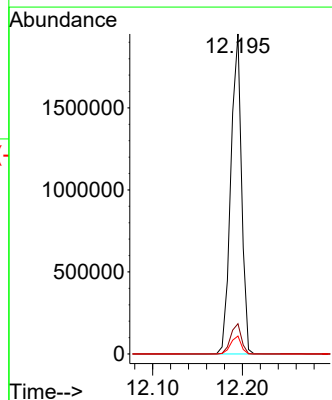
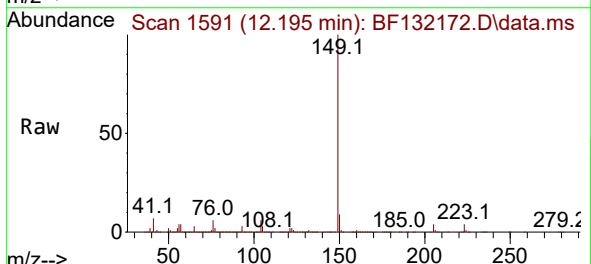
Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD

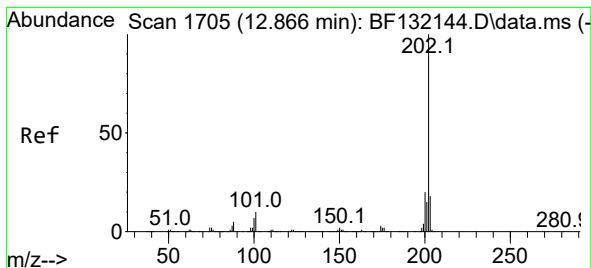
Tgt Ion:167 Resp: 1406032
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.651 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08

Tgt Ion:149 Resp: 1624073
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 42.551 ng

RT: 12.866 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

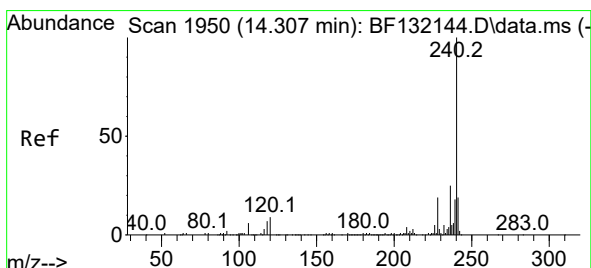
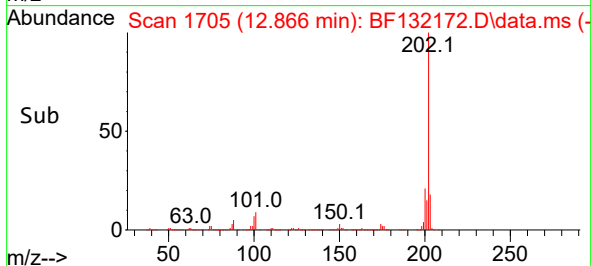
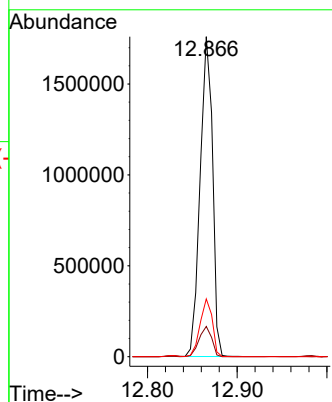
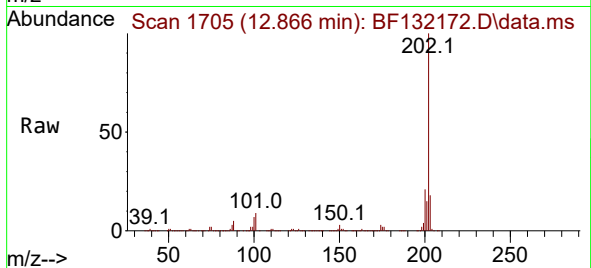
Tgt Ion:202 Resp: 1690433

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

203 18.1 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

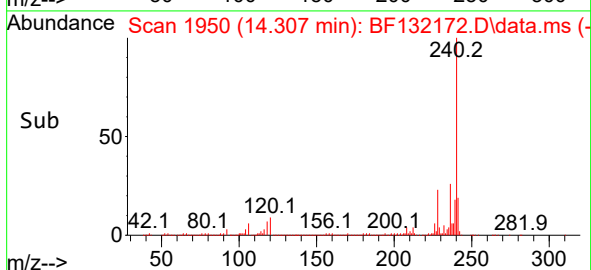
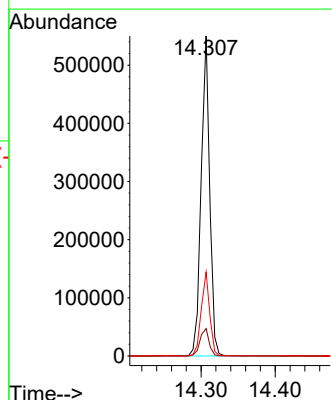
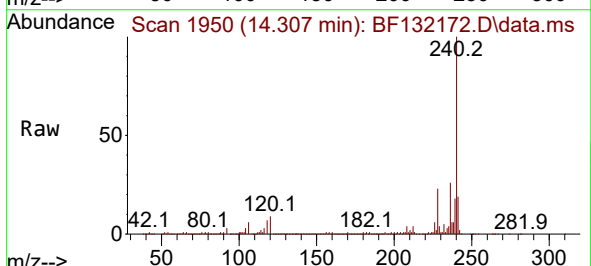
Tgt Ion:240 Resp: 439968

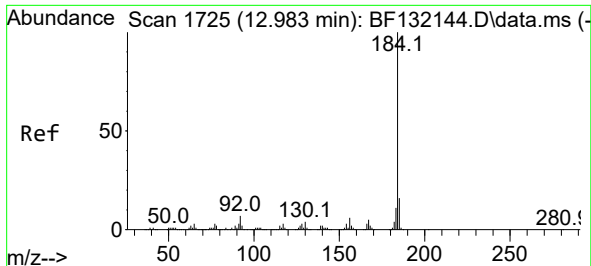
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.2 20.3 30.5

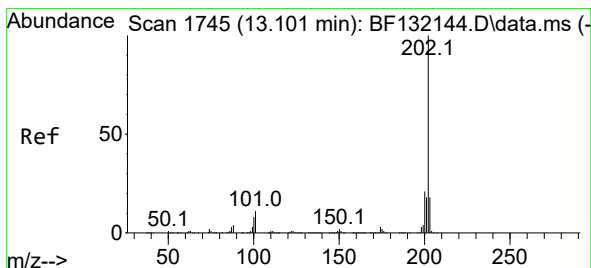
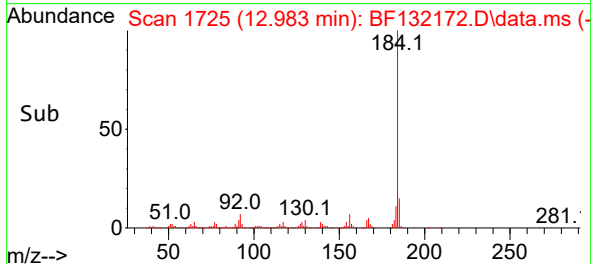
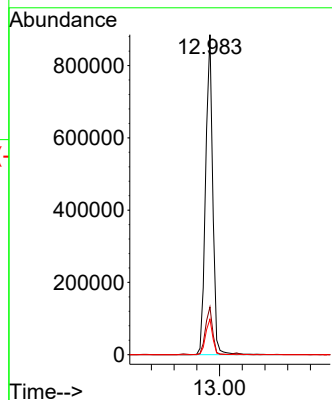
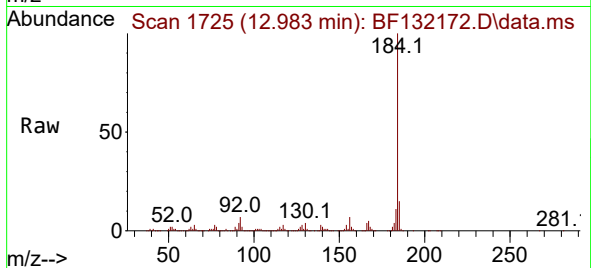




#77
Benzidine
Concen: 58.100 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

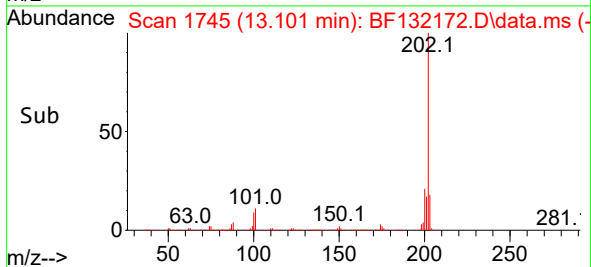
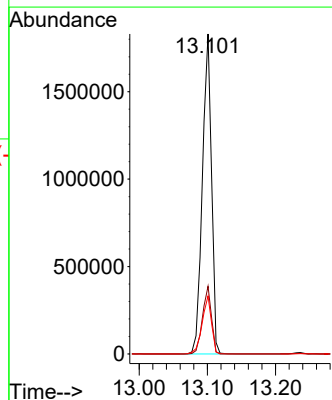
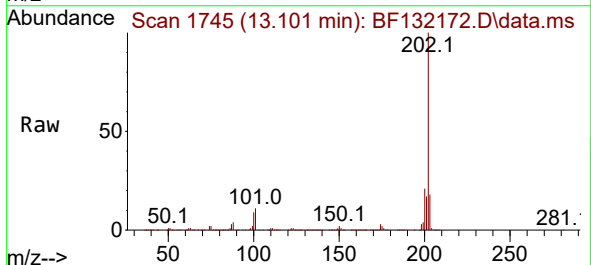
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

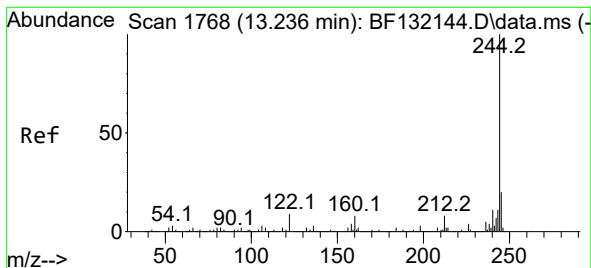
Tgt Ion:184 Resp: 767487
Ion Ratio Lower Upper
184 100
185 14.9 12.5 18.7
183 11.1 9.0 13.4



#78
Pyrene
Concen: 42.064 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:202 Resp: 1705612
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.1 14.0 21.0





#79

Terphenyl-d14

Concen: 74.351 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

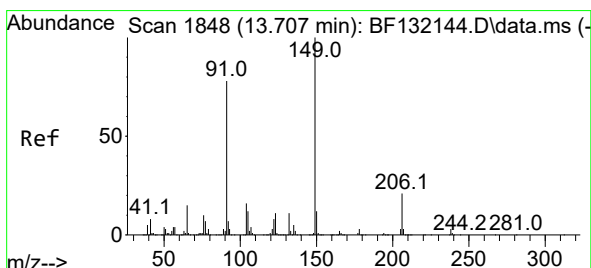
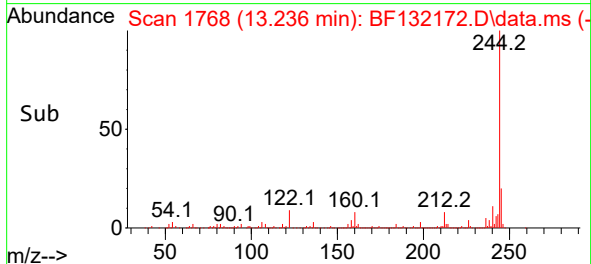
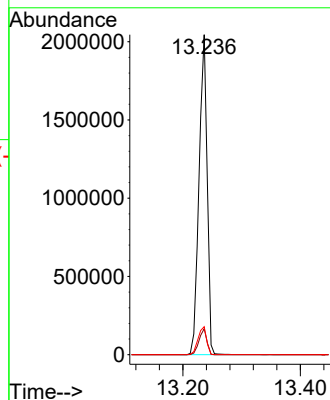
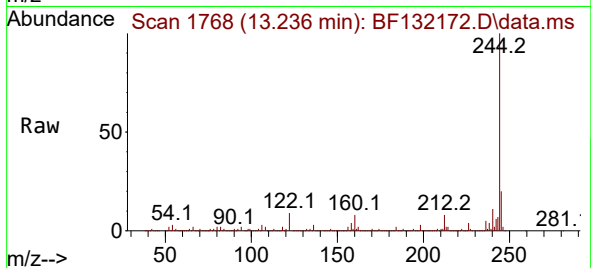
Tgt Ion:244 Resp: 1952820

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 8.7 7.4 11.2



#80

Butylbenzylphthalate

Concen: 49.125 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

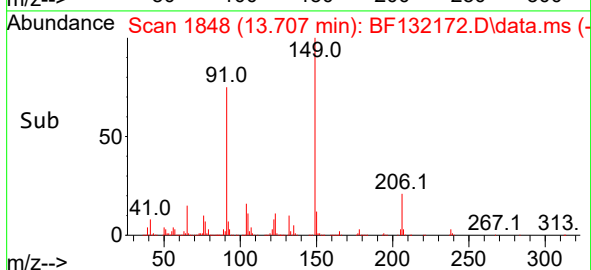
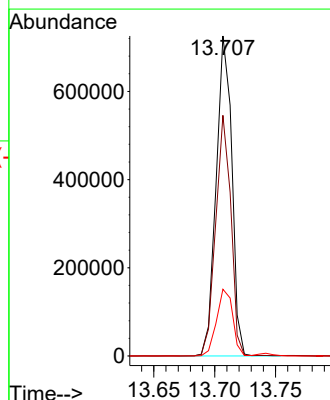
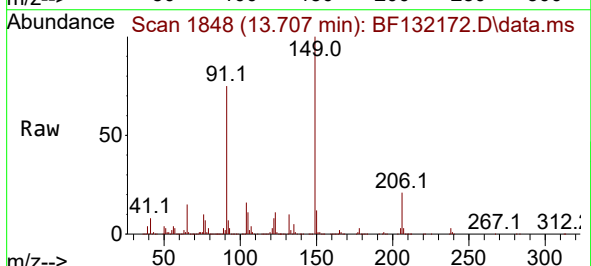
Tgt Ion:149 Resp: 649876

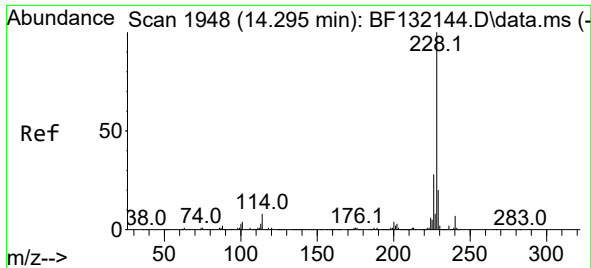
Ion Ratio Lower Upper

149 100

91 75.2 62.6 94.0

206 20.8 16.4 24.6

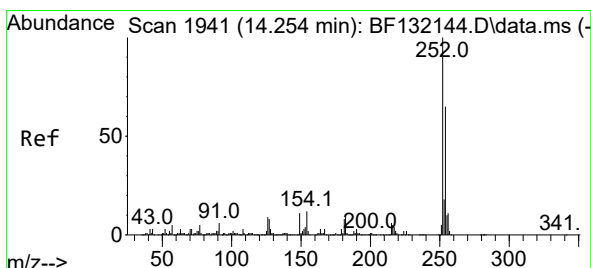
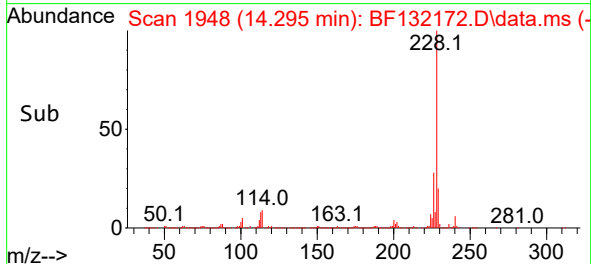
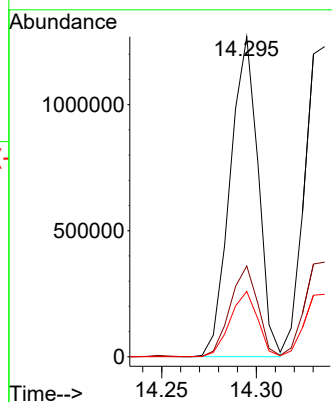
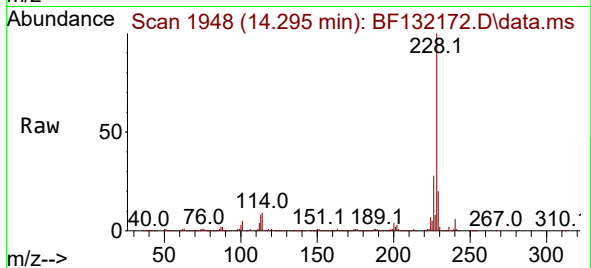




#81
Benzo(a)anthracene
Concen: 41.482 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

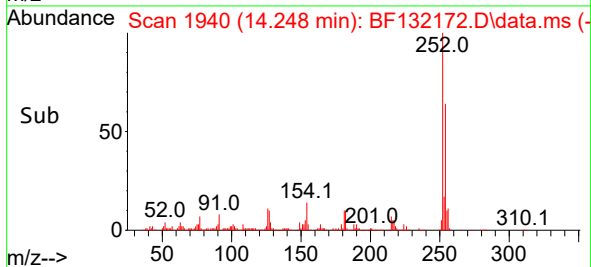
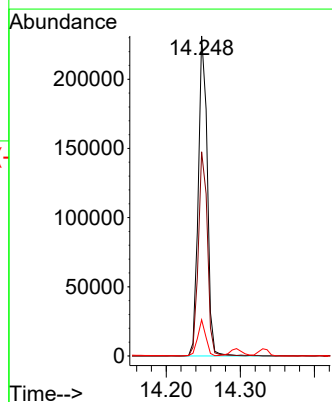
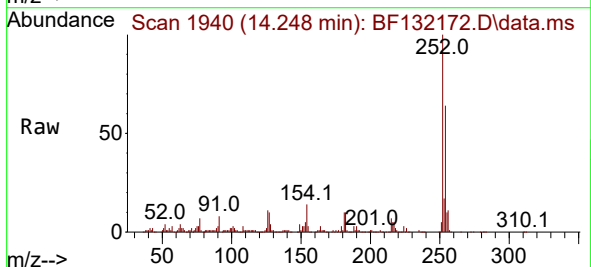
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

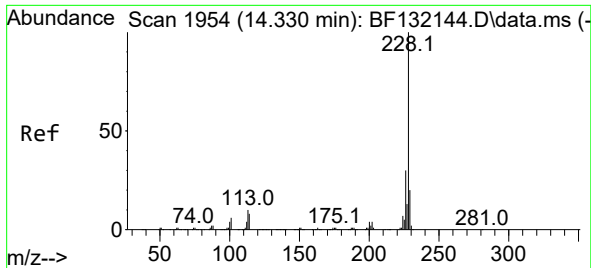
Tgt Ion:228 Resp: 1303827
Ion Ratio Lower Upper
228 100
226 28.4 22.5 33.7
229 20.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 22.217 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:252 Resp: 194473
Ion Ratio Lower Upper
252 100
254 63.8 52.4 78.6
126 11.3 7.0 10.6#

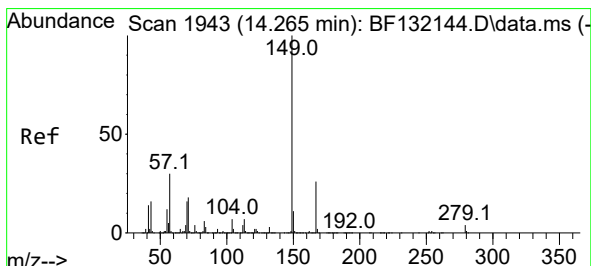
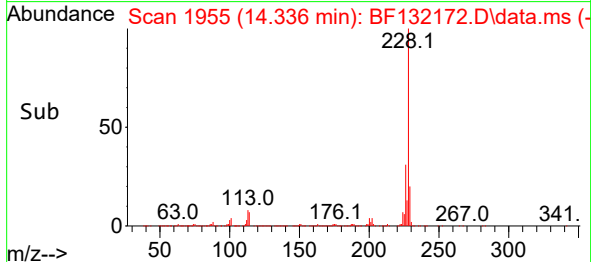
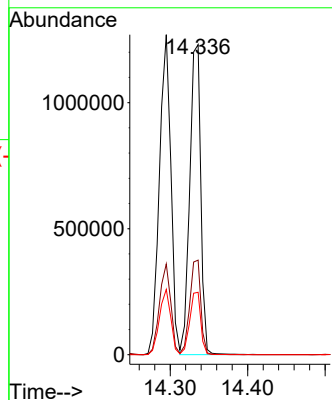
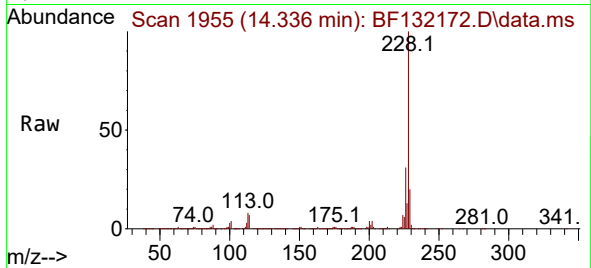




#83
Chrysene
Concen: 40.642 ng
RT: 14.336 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

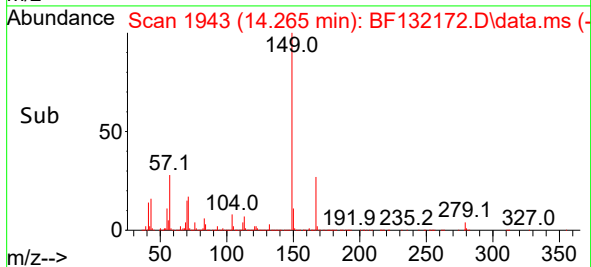
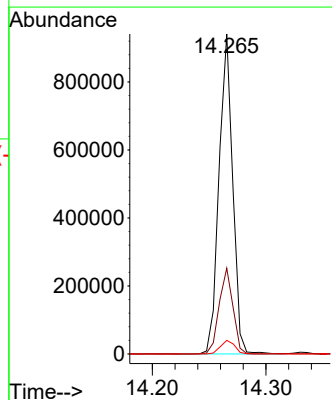
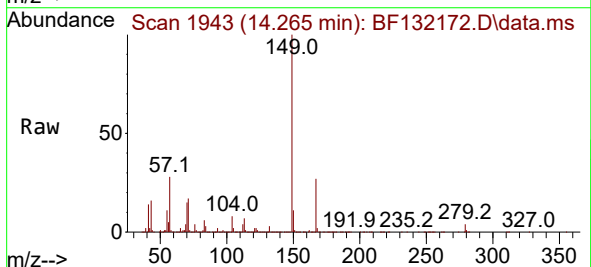
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

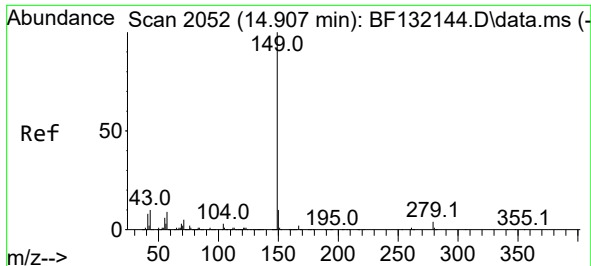
Tgt Ion:228 Resp: 1215936
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.799 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:149 Resp: 788199
Ion Ratio Lower Upper
149 100
167 26.8 21.0 31.6
279 4.2 3.2 4.8

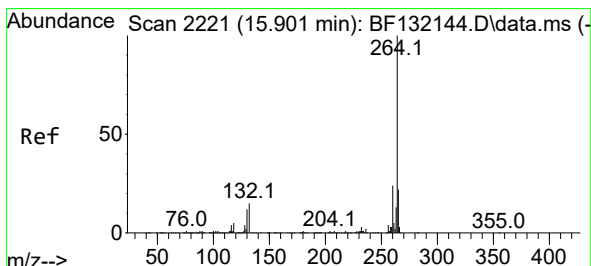
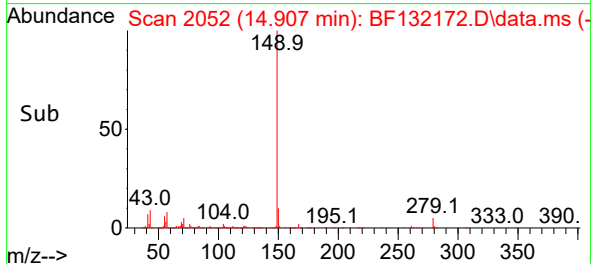
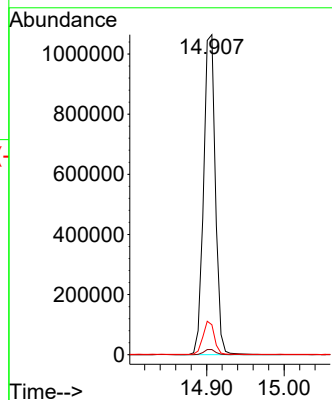
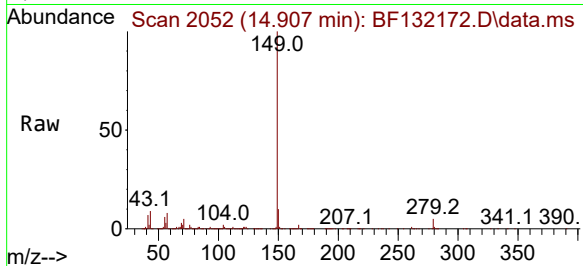




#85
Di-n-octyl phthalate
Concen: 43.907 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

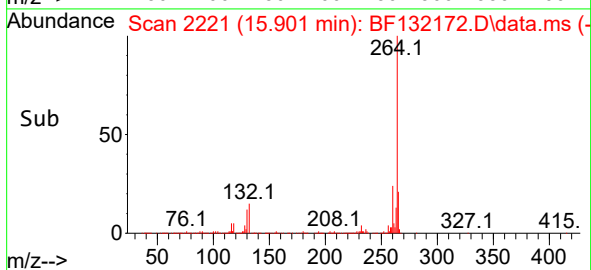
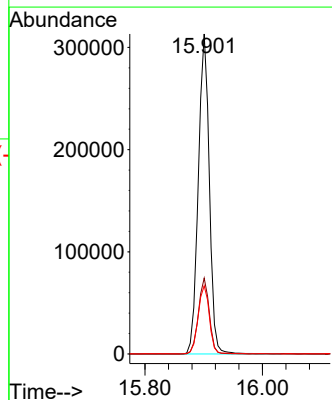
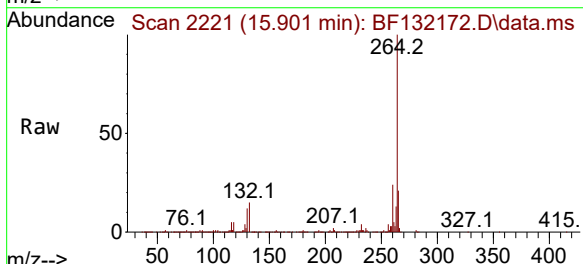
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

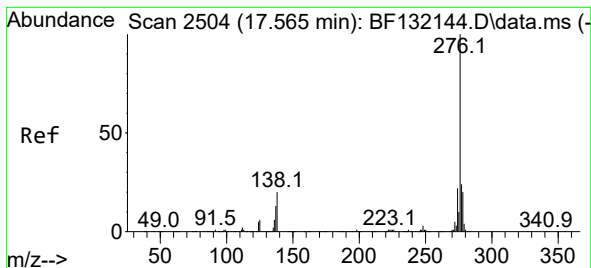
Tgt Ion:149 Resp: 1120414
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:264 Resp: 406965
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.793 ng

RT: 17.565 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

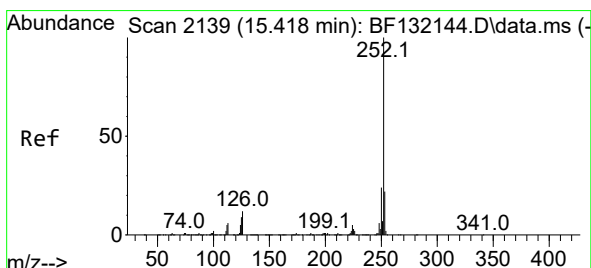
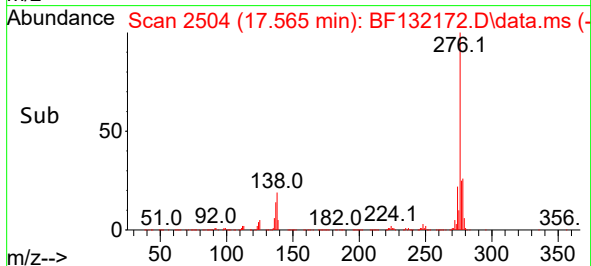
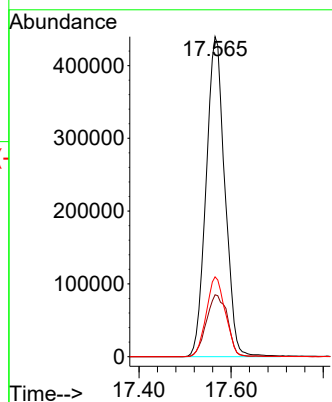
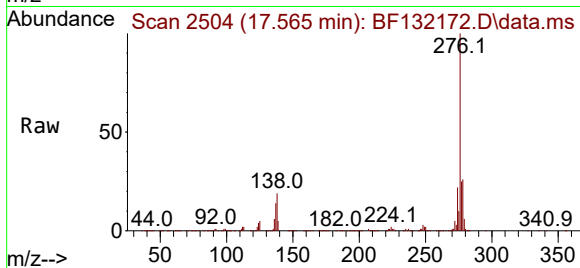
Tgt Ion:276 Resp: 1242088

Ion Ratio Lower Upper

276 100

138 21.9 17.9 26.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.503 ng

RT: 15.424 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

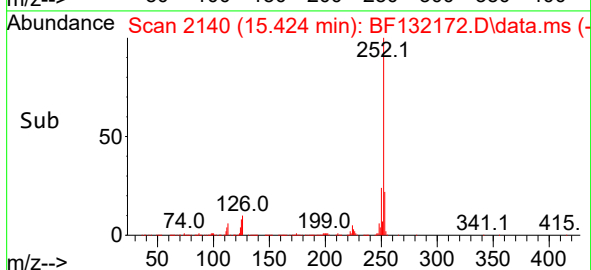
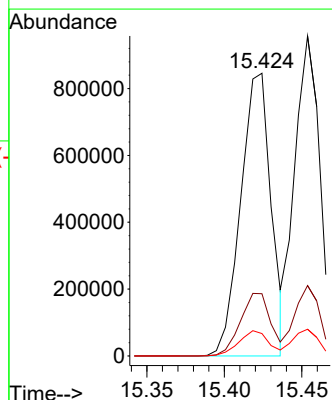
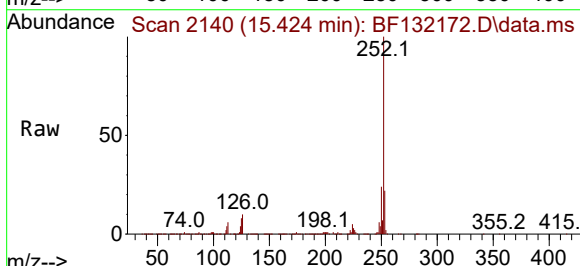
Tgt Ion:252 Resp: 1152284

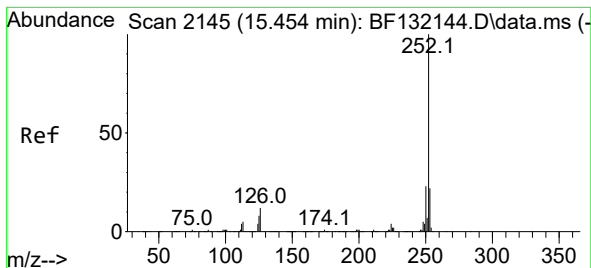
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.9 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 43.195 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

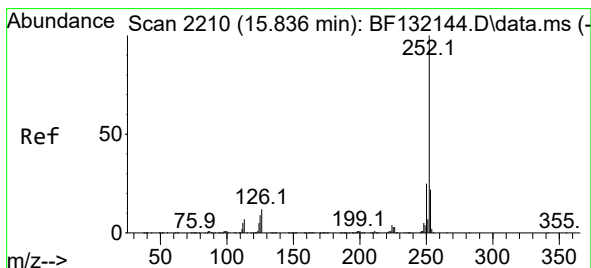
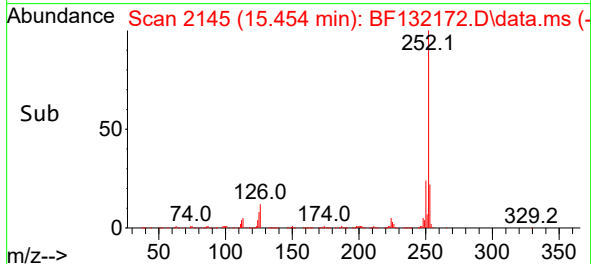
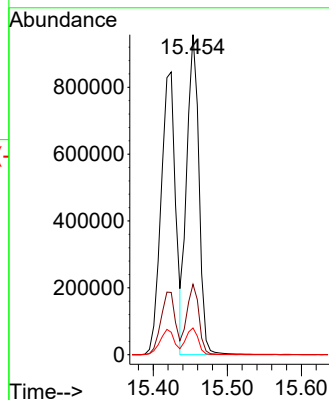
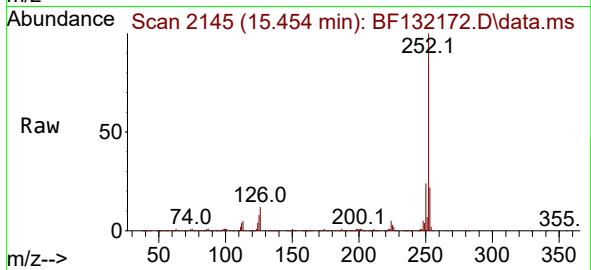
Tgt Ion:252 Resp: 1091571

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.4 6.4 9.6



#90

Benzo(a)pyrene

Concen: 42.213 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

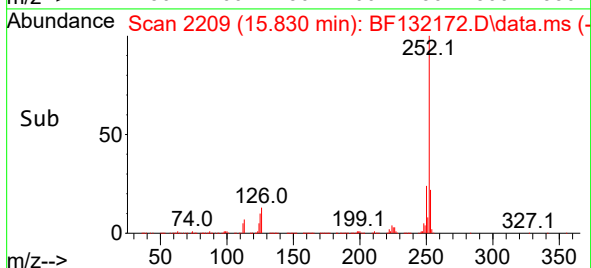
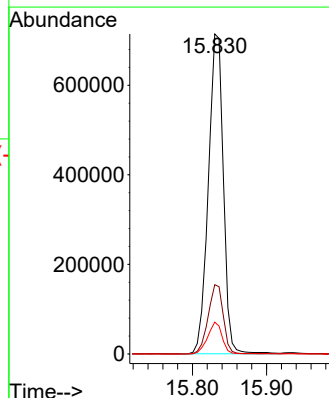
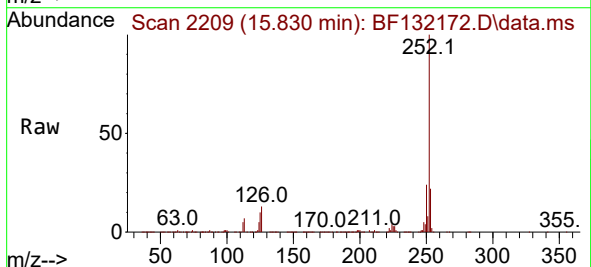
Tgt Ion:252 Resp: 1006189

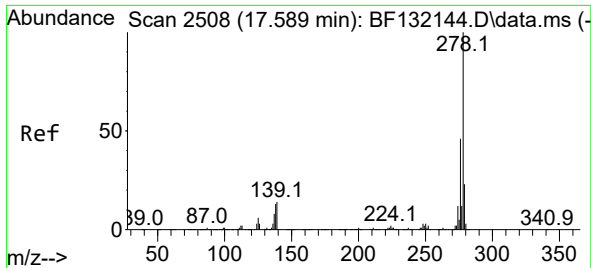
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 7.3 10.9

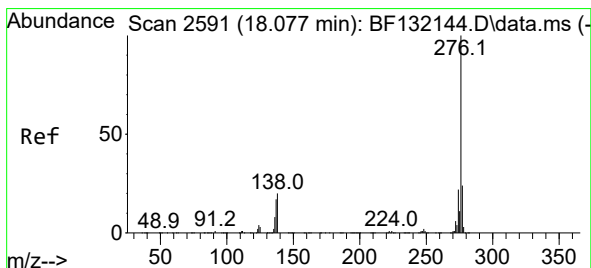
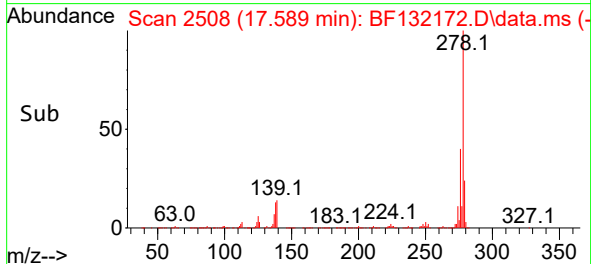
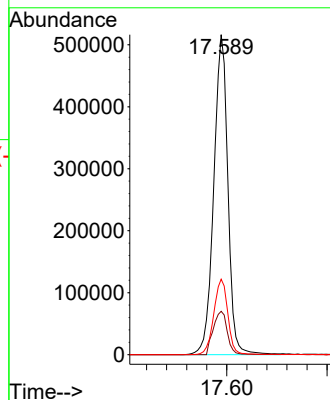
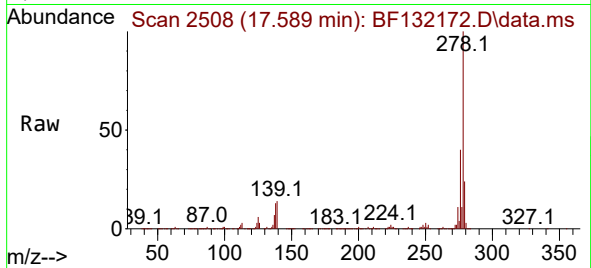




#91
Dibenzo(a,h)anthracene
Concen: 41.883 ng
RT: 17.589 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

Tgt Ion:278 Resp: 1008740
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.991 ng
RT: 18.077 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:276 Resp: 1041701
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 18.7 15.7 23.5

