

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132171.D
 Acq On : 20 Jan 2023 20:35
 Operator : CG\JU
 Sample : 01233-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

Quant Time: Jan 21 03:56:38 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	7.090	152	184212	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	674454	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	369043	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	748390	20.000	ng	0.00
76) Chrysene-d12	14.307	240	455426	20.000	ng	0.00
86) Perylene-d12	15.901	264	405760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1168126	110.773	ng	0.02
7) Phenol-d6	6.707	99	1563691	117.797	ng	0.00
23) Nitrobenzene-d5	7.654	82	1033020	81.365	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	518300	131.484	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1659325	65.701	ng	0.00
79) Terphenyl-d14	13.236	244	2001844	73.630	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.113	88	211997	39.682	ng	99
3) Pyridine	3.843	79	546312	38.093	ng	99
4) n-Nitrosodimethylamine	3.802	42	292734	43.401	ng	100
6) Aniline	6.748	93	669735	36.425	ng	99
8) 2-Chlorophenol	6.872	128	523160	47.198	ng	98
9) Benzaldehyde	6.643	77	264685	30.994	ng	99
10) Phenol	6.719	94	611337	44.238	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	513886	43.927	ng	100
12) 1,3-Dichlorobenzene	7.031	146	545379	44.016	ng	98
13) 1,4-Dichlorobenzene	7.107	146	552662	44.700	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530446	46.399	ng	97
15) Benzyl Alcohol	7.225	79	483879	47.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.360	45	755751	44.449	ng	100
17) 2-Methylphenol	7.331	107	422253	43.483	ng	98
18) Hexachloroethane	7.607	117	207584	46.772	ng	96
19) n-Nitroso-di-n-propyla...	7.501	70	348478	42.857	ng	96
20) 3+4-Methylphenols	7.484	107	525790	42.970	ng	97
22) Acetophenone	7.501	105	665637	41.062	ng	# 98
24) Nitrobenzene	7.678	77	574598	42.745	ng	94
25) Isophorone	7.913	82	1061960	42.749	ng	98
26) 2-Nitrophenol	7.990	139	264966	51.662	ng	96
27) 2,4-Dimethylphenol	8.019	122	476757	44.353	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	613210	41.142	ng	99
29) 2,4-Dichlorophenol	8.231	162	448760	43.975	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	489393	42.222	ng	98
31) Naphthalene	8.401	128	1400607	40.435	ng	99
32) Benzoic acid	8.125	122	351863	48.858	ng	92
33) 4-Chloroaniline	8.442	127	222620	15.018	ng	95
34) Hexachlorobutadiene	8.513	225	325291	41.776	ng	99
35) Caprolactam	8.819	113	104198	36.006	ng	96
36) 4-Chloro-3-methylphenol	8.913	107	470663	45.831	ng	97
37) 2-Methylnaphthalene	9.095	142	925079	38.790	ng	100
38) 1-Methylnaphthalene	9.195	142	877096	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	500922	39.012	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650146	92.788	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	353715	44.387	ng	99

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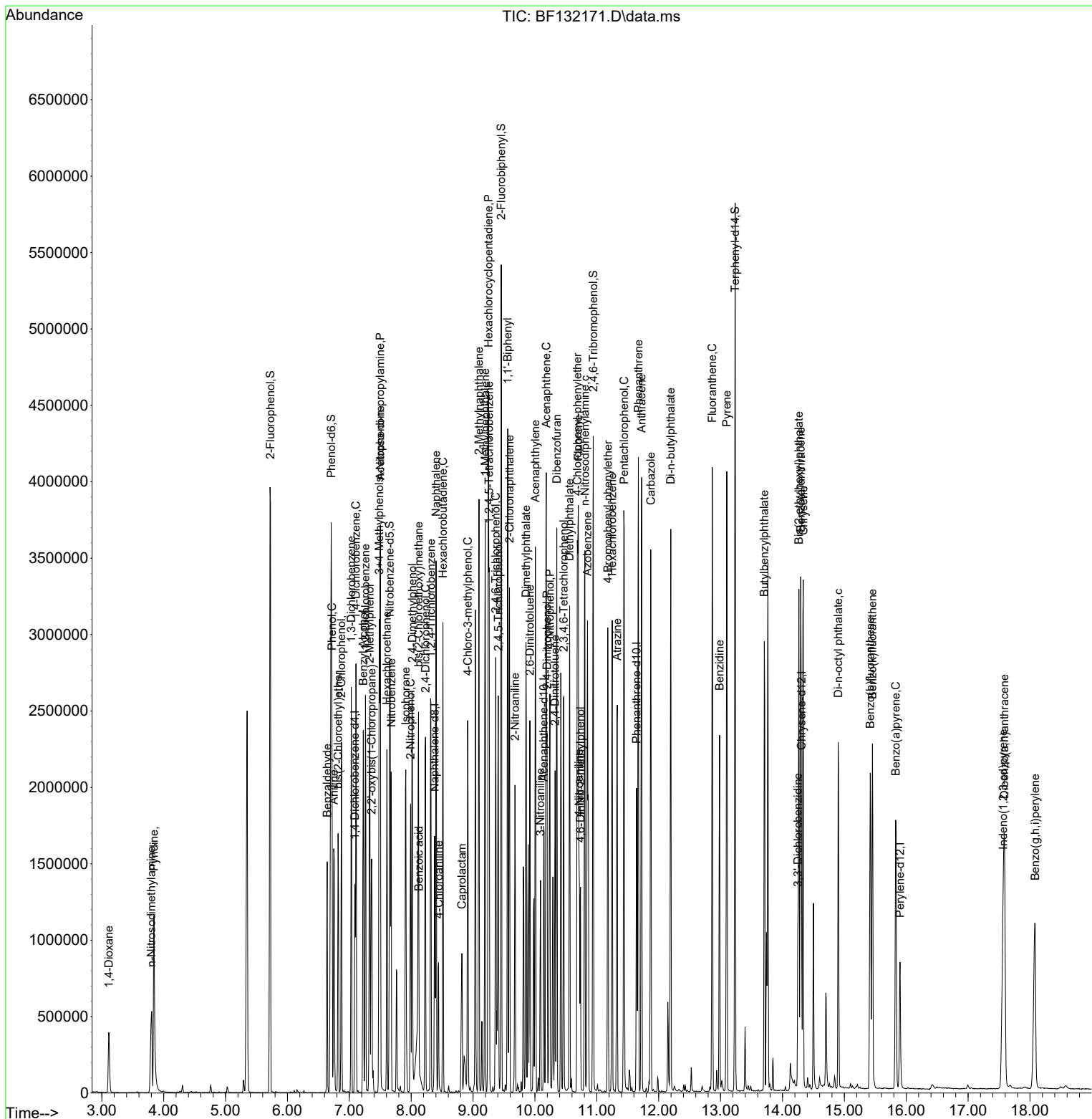
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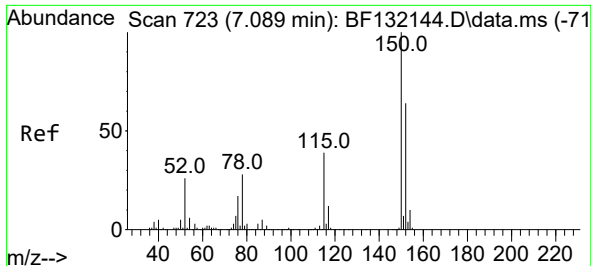
Quant Time: Jan 21 03:56:38 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	386938	41.518	ng	98
46) 1,1'-Biphenyl	9.560	154	1157682	39.762	ng	100
47) 2-Chloronaphthalene	9.589	162	924471	41.075	ng	98
48) 2-Nitroaniline	9.678	65	326841	45.547	ng	97
49) Acenaphthylene	10.007	152	1454351	40.393	ng	99
50) Dimethylphthalate	9.854	163	1122254	41.987	ng	100
51) 2,6-Dinitrotoluene	9.919	165	259408	50.073	ng	95
52) Acenaphthene	10.184	154	971821	44.874	ng	97
53) 3-Nitroaniline	10.089	138	178541	32.234	ng	97
54) 2,4-Dinitrophenol	10.195	184	266056	108.068	ng	# 48
55) Dibenzofuran	10.354	168	1327167	39.654	ng	97
56) 4-Nitrophenol	10.242	139	407268	101.031	ng	89
57) 2,4-Dinitrotoluene	10.325	165	335194	53.902	ng	96
58) Fluorene	10.701	166	999303	40.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	330526	46.622	ng	99
60) Diethylphthalate	10.560	149	1129768	43.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.684	204	535392	40.317	ng	99
62) 4-Nitroaniline	10.713	138	257309	49.898	ng	100
63) Azobenzene	10.848	77	1393280	52.965	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	178390	48.454	ng	92
66) n-Nitrosodiphenylamine	10.807	169	919691	38.372	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	353442	38.746	ng	99
68) Hexachlorobenzene	11.248	284	385274	42.496	ng	96
69) Atrazine	11.331	200	345513	46.723	ng	99
70) Pentachlorophenol	11.442	266	460815	79.097	ng	97
71) Phenanthrene	11.672	178	1559992	39.721	ng	99
72) Anthracene	11.725	178	1577300	39.698	ng	100
73) Carbazole	11.872	167	1442821	42.512	ng	99
74) Di-n-butylphthalate	12.195	149	1710479	45.273	ng	99
75) Fluoranthene	12.866	202	1735889	43.029	ng	99
77) Benzidine	12.983	184	799320	58.456	ng	99
78) Pyrene	13.101	202	1757363	41.870	ng	99
80) Butylbenzylphthalate	13.707	149	675729	49.332	ng	97
81) Benzo(a)anthracene	14.295	228	1390528	42.739	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	193310	21.334	ng	99
83) Chrysene	14.336	228	1252100	40.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	832524	45.641	ng	98
85) Di-n-octyl phthalate	14.901	149	1168376	44.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1255979	39.311	ng	100
88) Benzo(b)fluoranthene	15.419	252	1157546	46.854	ng	99
89) Benzo(k)fluoranthene	15.454	252	1080629	42.889	ng	99
90) Benzo(a)pyrene	15.830	252	992749	41.772	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1021621	42.543	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1067741	38.992	ng	98

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

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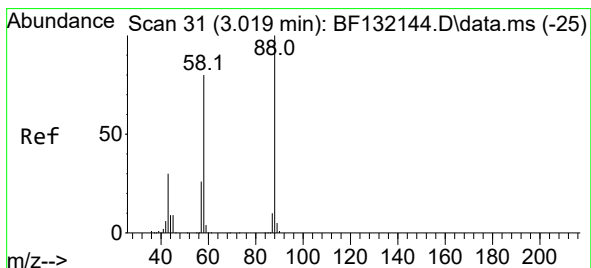
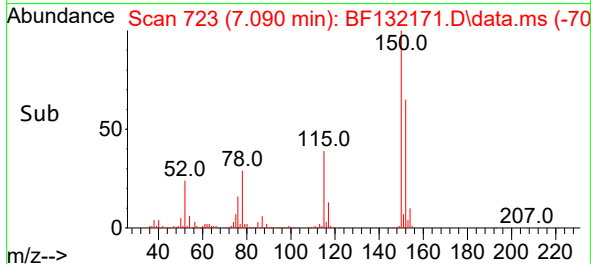
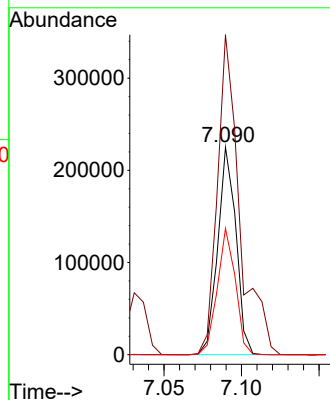
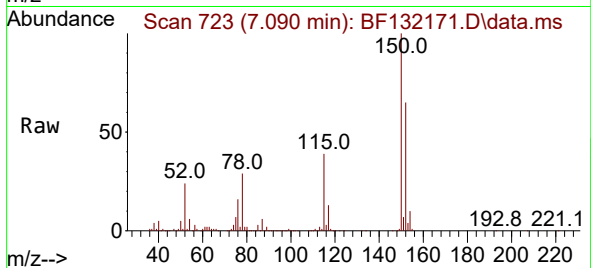




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.090 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

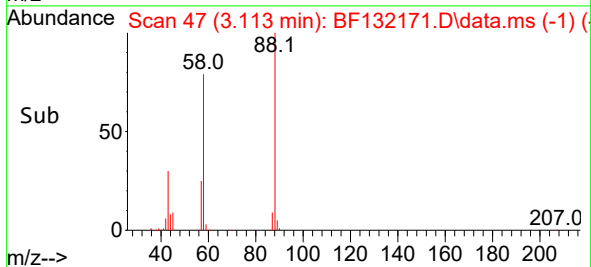
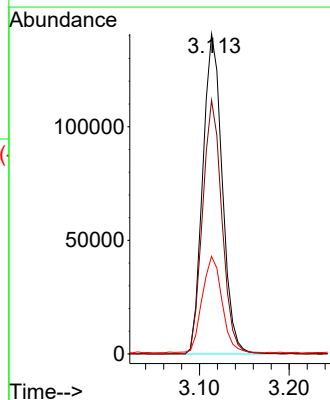
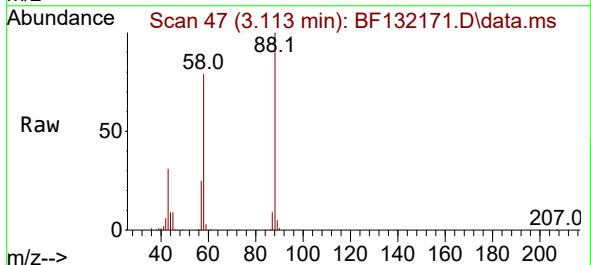
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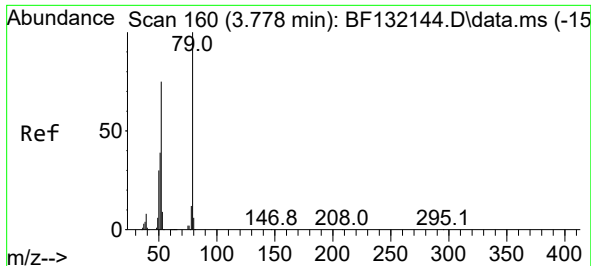
Tgt Ion:152 Resp: 184212
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.8 188.8
 115 60.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 39.682 ng
 RT: 3.113 min Scan# 47
 Delta R.T. 0.094 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Tgt Ion: 88 Resp: 211997
 Ion Ratio Lower Upper
 88 100
 58 79.0 64.0 96.0
 43 30.8 24.2 36.4

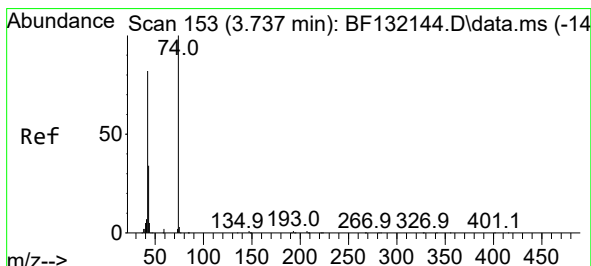
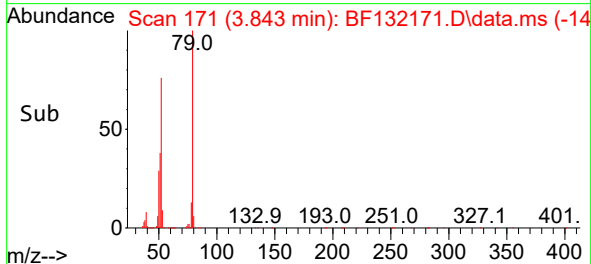
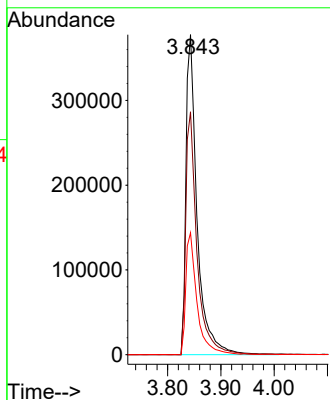
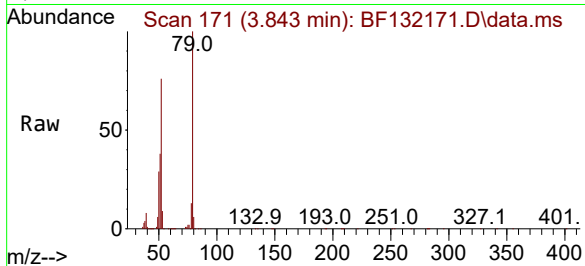




#3
 Pyridine
 Concen: 38.093 ng
 RT: 3.843 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

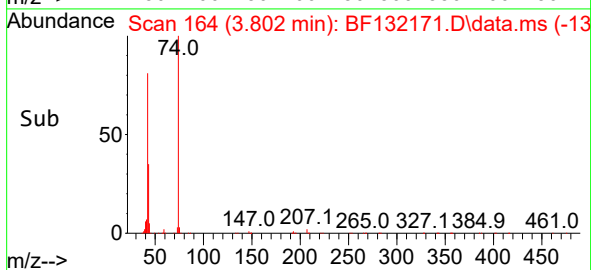
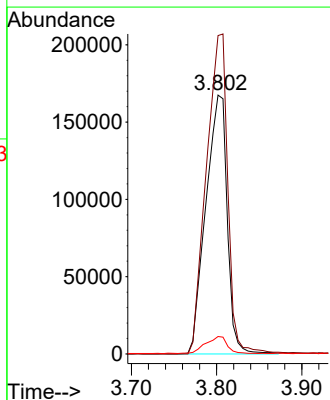
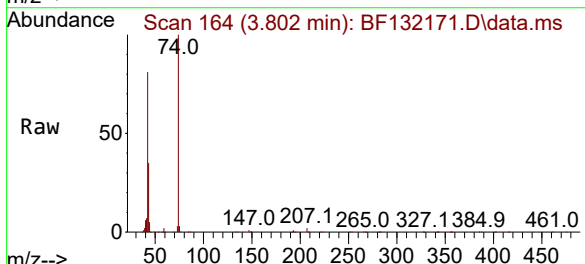
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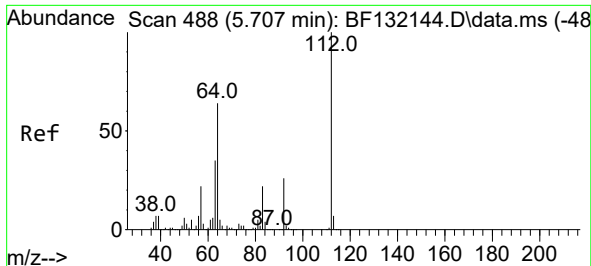
Tgt Ion: 79 Resp: 546312
 Ion Ratio Lower Upper
 79 100
 52 75.9 60.1 90.1
 51 38.1 31.4 47.0



#4
 n-Nitrosodimethylamine
 Concen: 43.401 ng
 RT: 3.802 min Scan# 164
 Delta R.T. 0.065 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Tgt Ion: 42 Resp: 292734
 Ion Ratio Lower Upper
 42 100
 74 123.0 98.1 147.1
 44 6.7 5.2 7.8

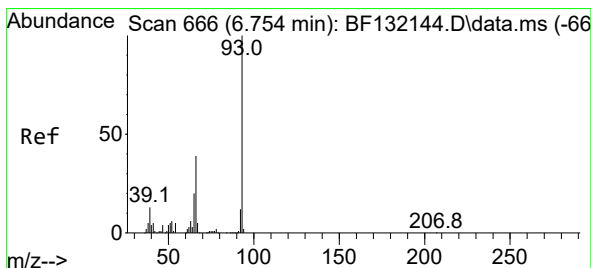
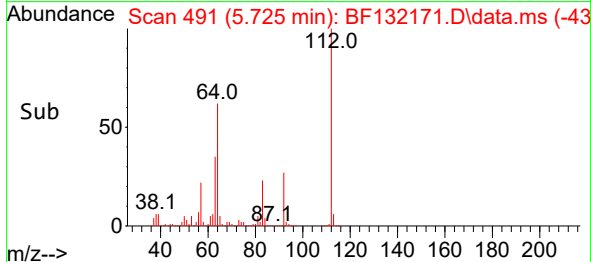
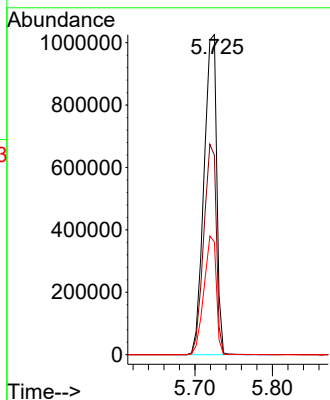
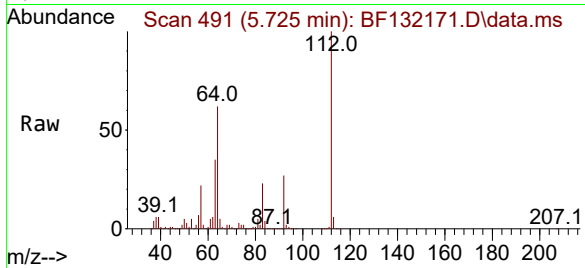




#5
2-Fluorophenol
Concen: 110.773 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

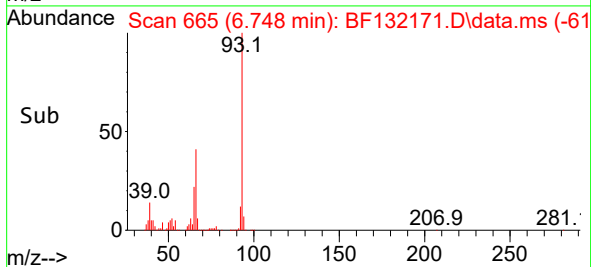
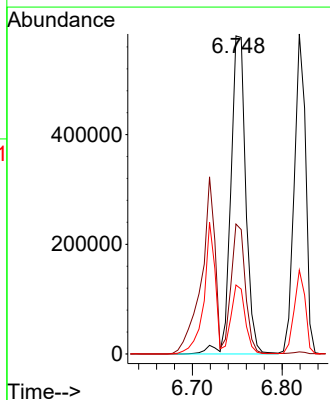
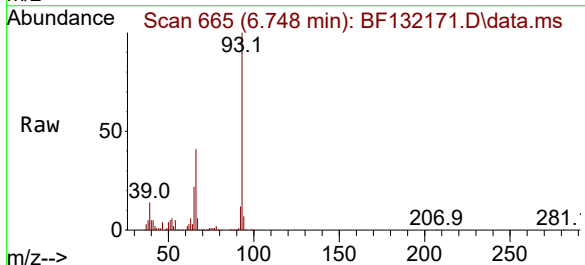
Instrument :
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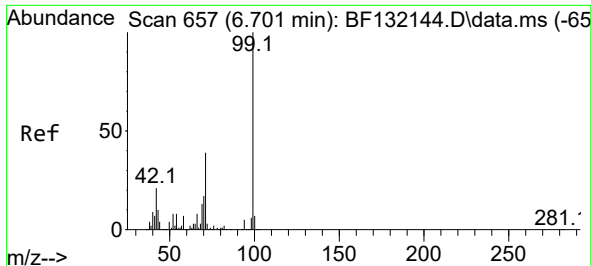
Tgt Ion:112 Resp: 1168126
Ion Ratio Lower Upper
112 100
64 62.4 51.4 77.0
63 35.3 28.2 42.2



#6
Aniline
Concen: 36.425 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 93 Resp: 669735
Ion Ratio Lower Upper
93 100
66 40.8 33.0 49.6
65 21.7 16.8 25.2





#7

Phenol-d6

Concen: 117.797 ng

RT: 6.707 min Scan# 657

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

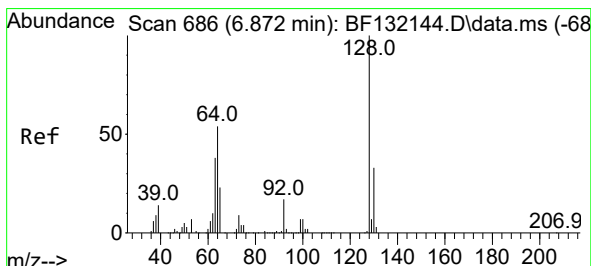
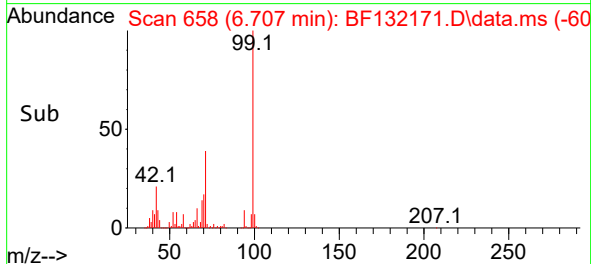
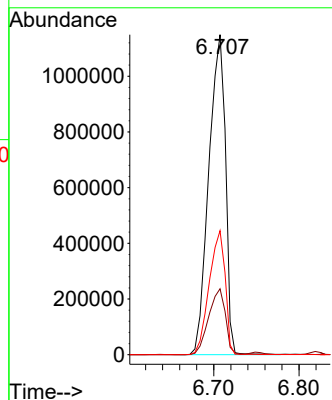
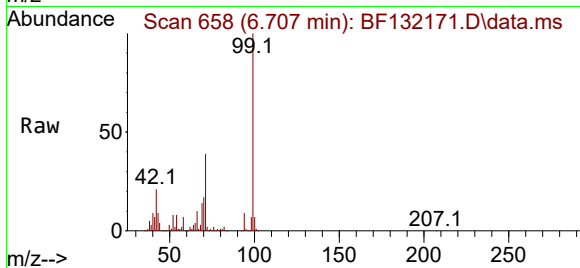
BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion: 99 Resp: 1563691

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	38.7	30.8	46.2



#8

2-Chlorophenol

Concen: 47.198 ng

RT: 6.872 min Scan# 686

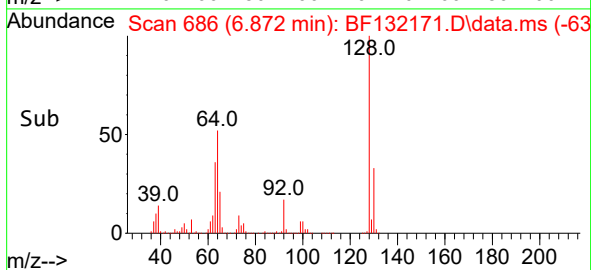
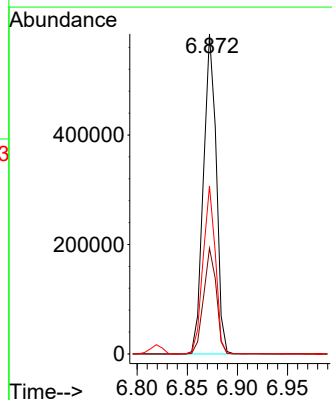
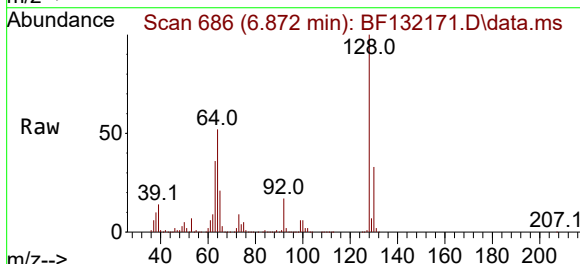
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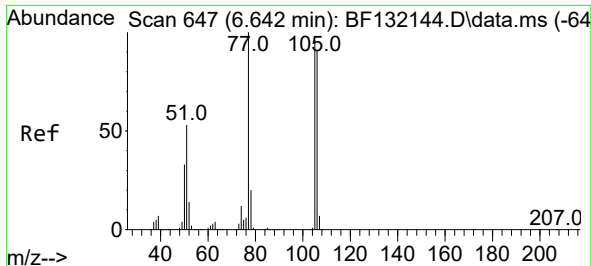
Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion: 128 Resp: 523160

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	52.5	34.8	74.8

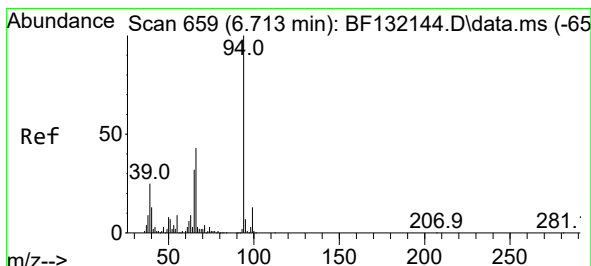
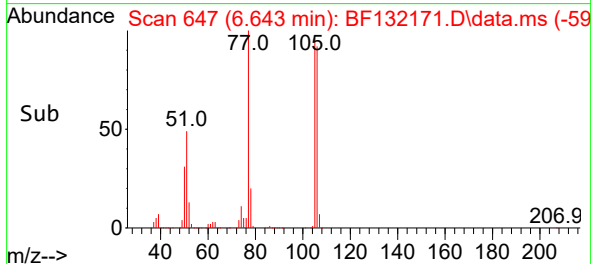
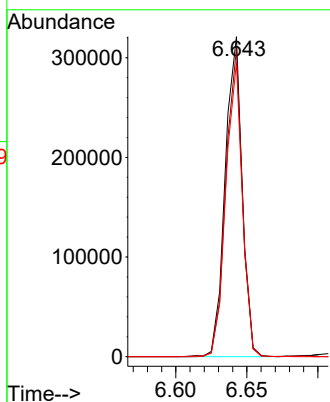
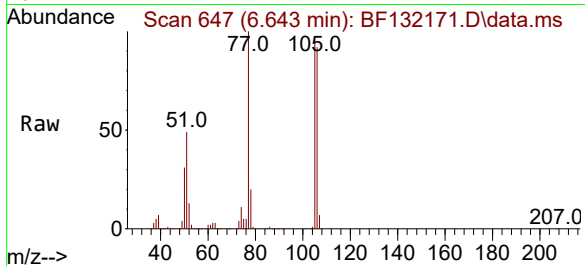




#9
Benzaldehyde
Concen: 30.994 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

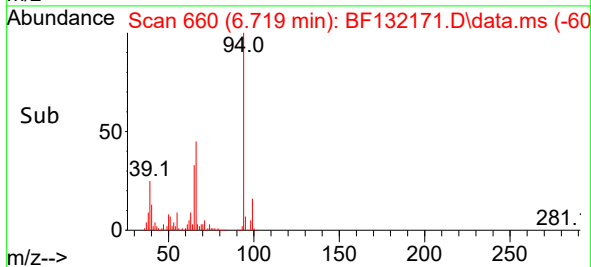
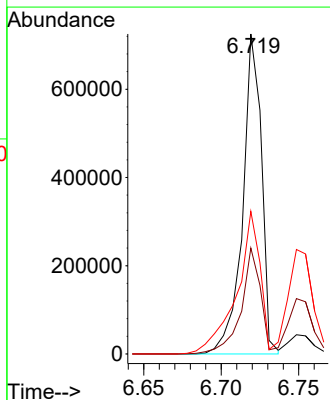
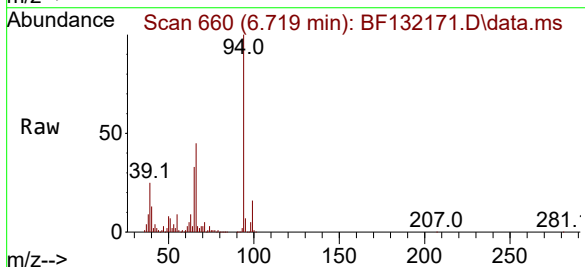
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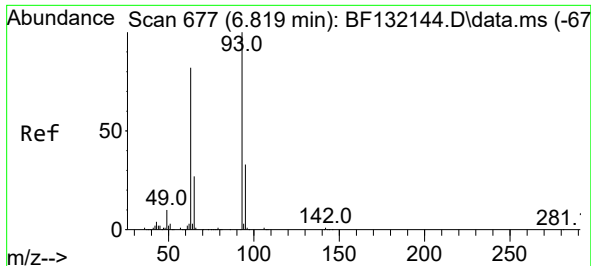
Tgt Ion: 77 Resp: 264685
Ion Ratio Lower Upper
77 100
105 96.3 75.5 115.5
106 91.9 70.7 110.7



#10
Phenol
Concen: 44.238 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 94 Resp: 611337
Ion Ratio Lower Upper
94 100
65 33.1 12.0 52.0
66 44.5 22.7 62.7

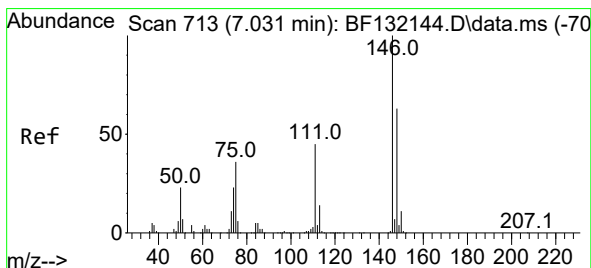
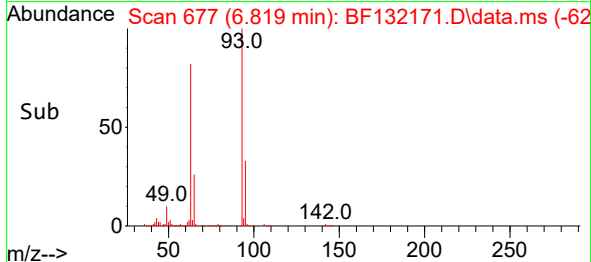
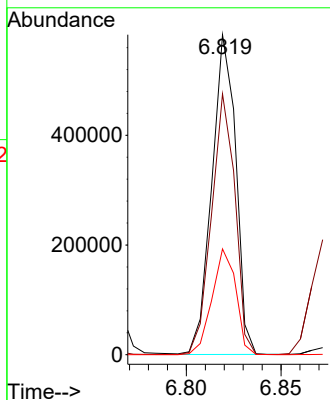
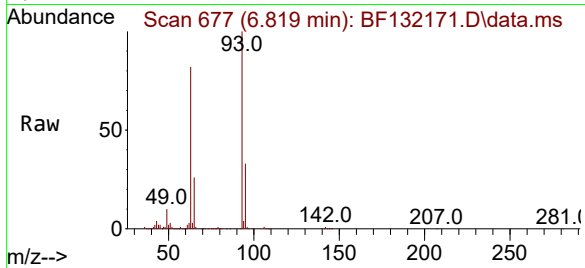




#11
bis(2-Chloroethyl)ether
Concen: 43.927 ng
RT: 6.819 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

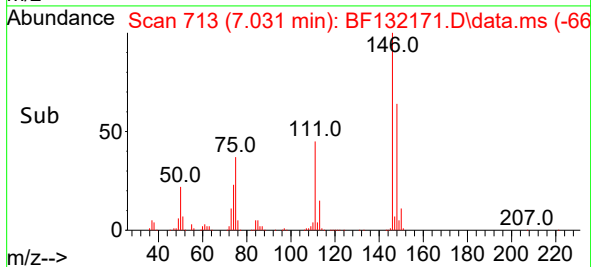
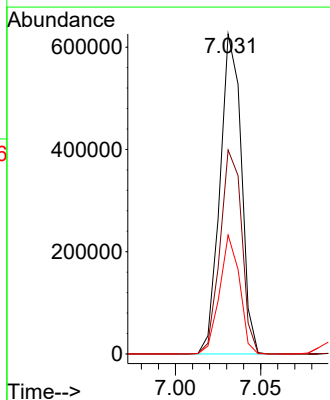
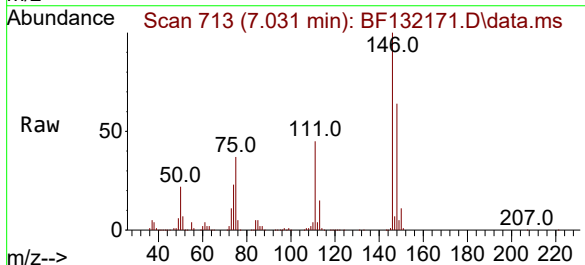
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

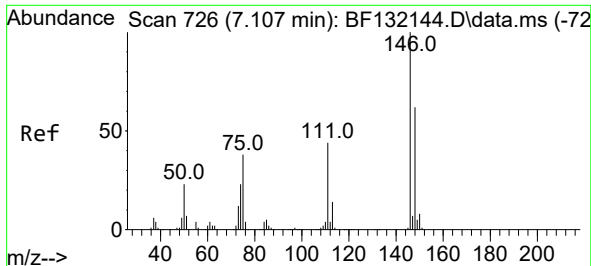
Tgt Ion: 93 Resp: 513886
Ion Ratio Lower Upper
93 100
63 81.5 61.6 101.6
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.016 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:146 Resp: 545379
Ion Ratio Lower Upper
146 100
148 63.8 50.0 75.0
75 37.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.700 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

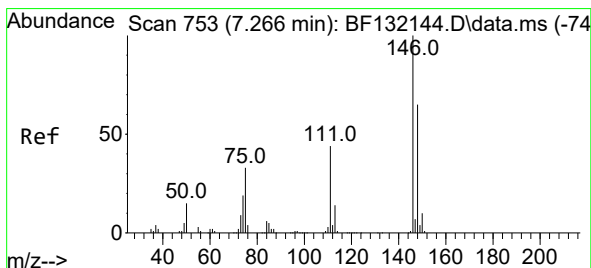
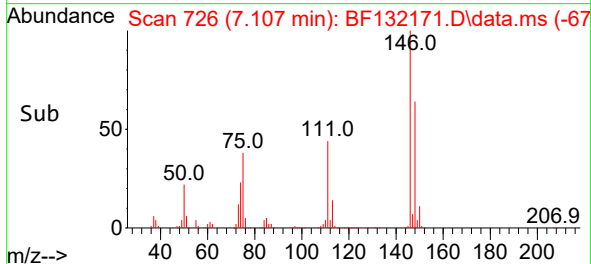
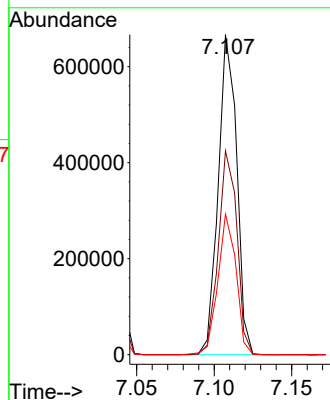
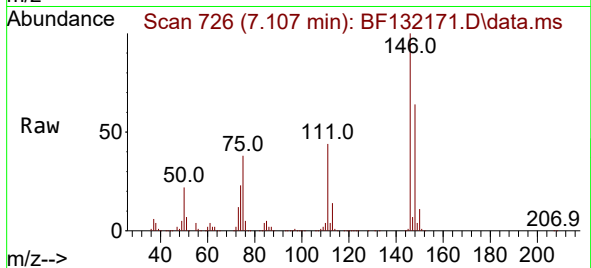
Tgt Ion:146 Resp: 552662

Ion Ratio Lower Upper

146 100

148 63.7 49.9 74.9

111 43.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 46.399 ng

RT: 7.260 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

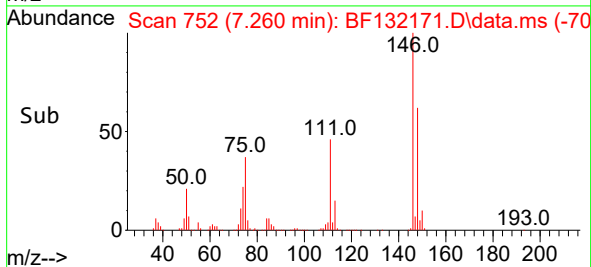
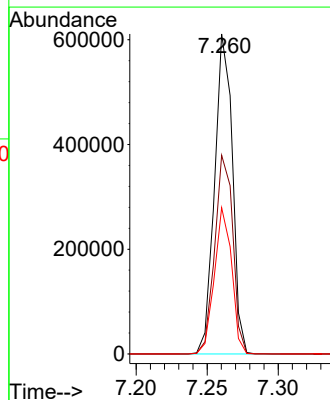
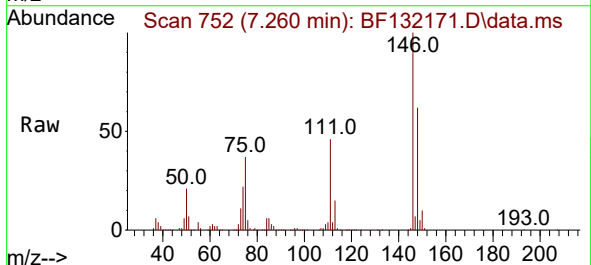
Tgt Ion:146 Resp: 530446

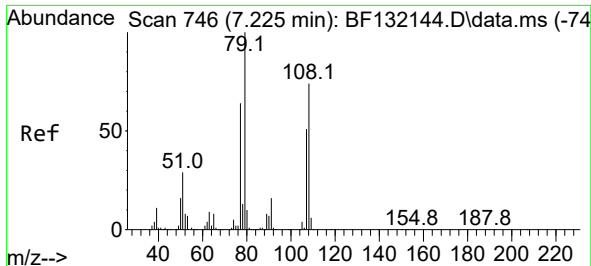
Ion Ratio Lower Upper

146 100

148 62.1 52.0 78.0

111 45.7 35.4 53.2

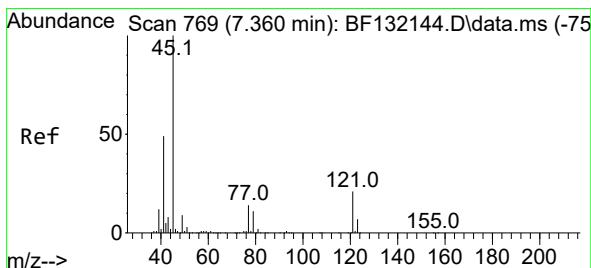
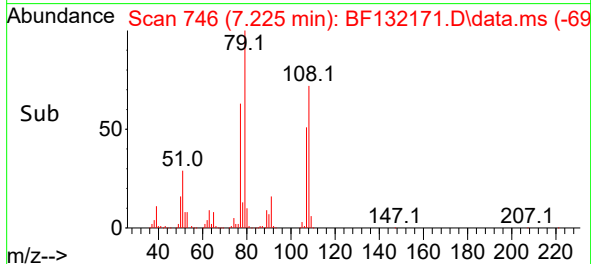
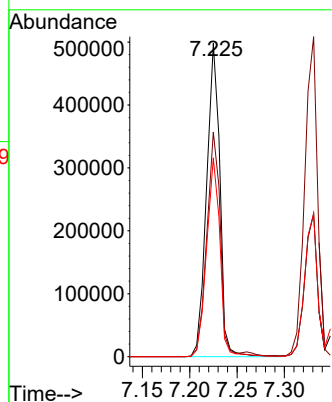
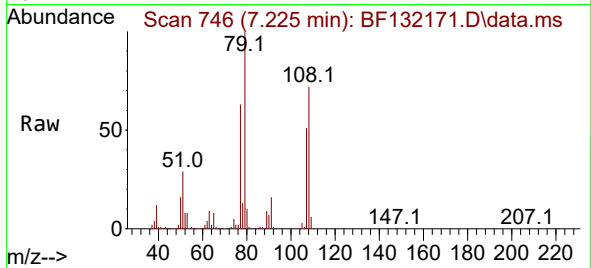




#15
Benzyl Alcohol
Concen: 47.656 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

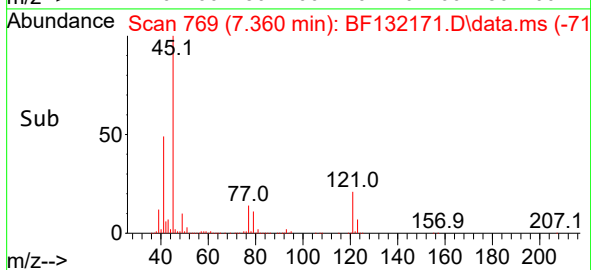
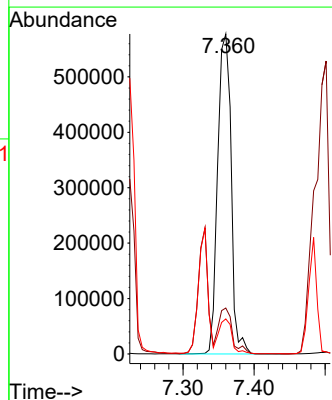
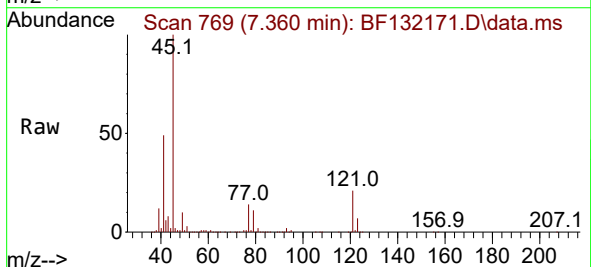
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

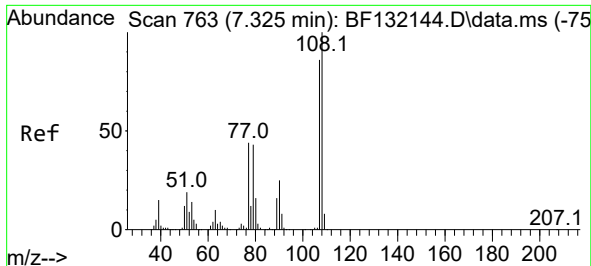
Tgt Ion: 79 Resp: 483879
Ion Ratio Lower Upper
79 100
108 71.7 58.9 88.3
77 63.5 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.449 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 45 Resp: 755751
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 11.0 0.0 30.9

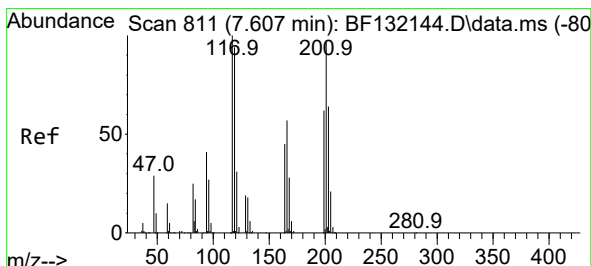
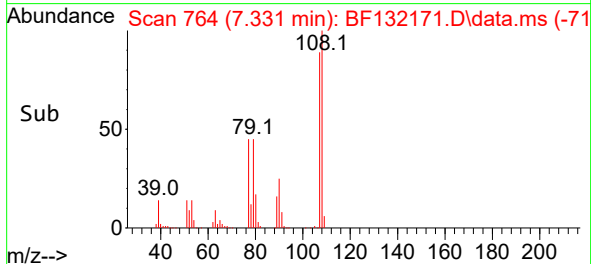
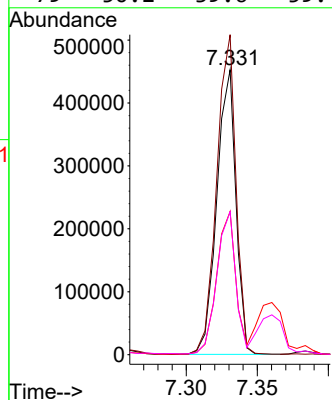
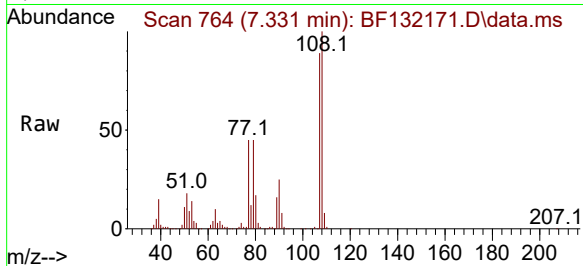




#17
2-Methylphenol
Concen: 43.483 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

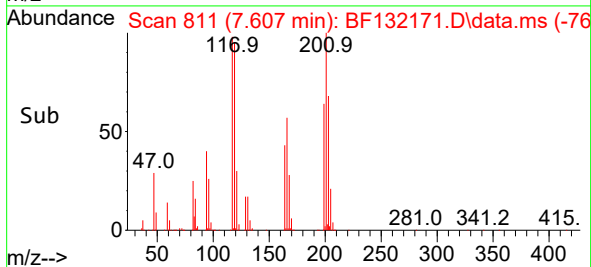
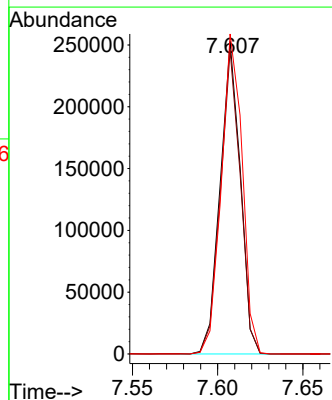
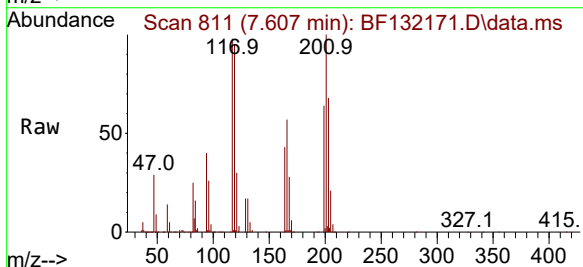
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

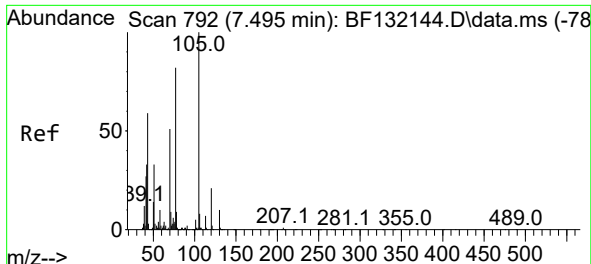
Tgt Ion:107 Resp: 422253
Ion Ratio Lower Upper
107 100
108 112.3 92.8 139.2
77 50.2 41.1 61.7
79 50.2 39.6 59.4



#18
Hexachloroethane
Concen: 46.772 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:117 Resp: 207584
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0
201 102.4 77.9 116.9

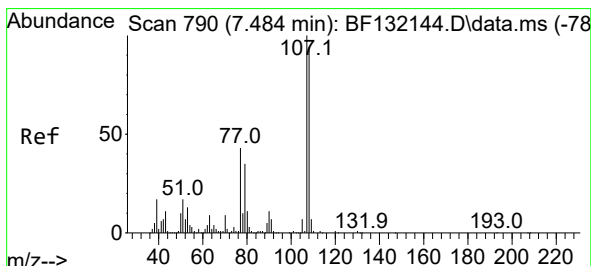
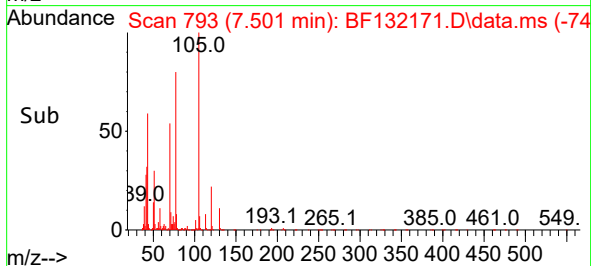
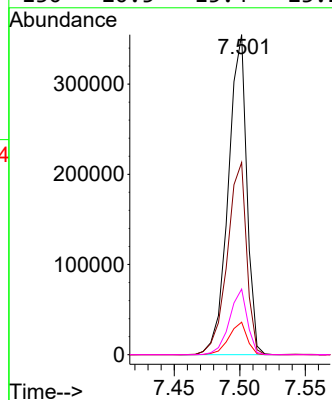
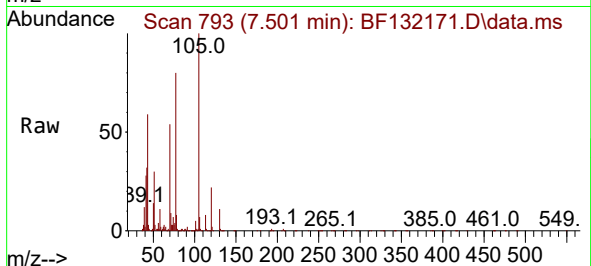




#19
n-Nitroso-di-n-propylamine
Concen: 42.857 ng
RT: 7.501 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

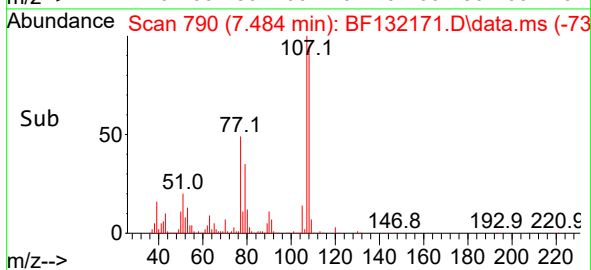
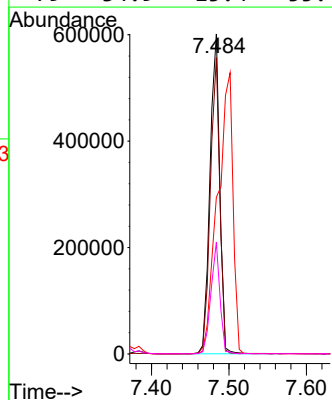
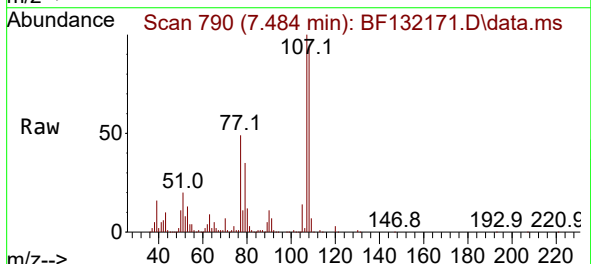
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

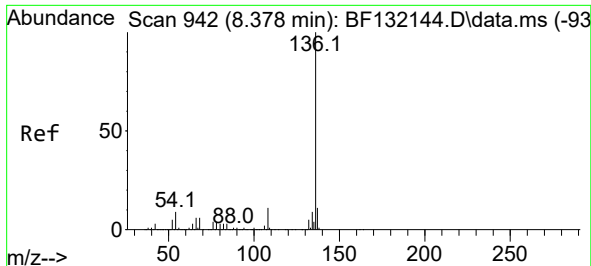
Tgt Ion: 70 Resp: 348478
Ion Ratio Lower Upper
70 100
42 60.0 51.0 76.4
101 10.1 7.3 10.9
130 20.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.970 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

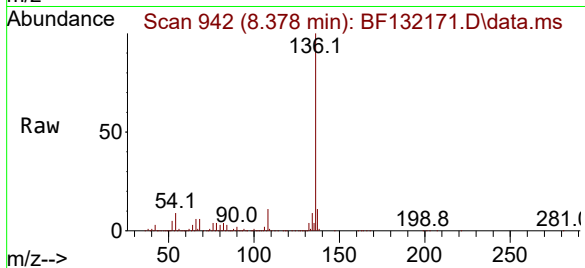
Tgt Ion: 107 Resp: 525790
Ion Ratio Lower Upper
107 100
108 92.6 73.8 113.8
77 49.0 22.8 62.8
79 34.9 15.4 55.4



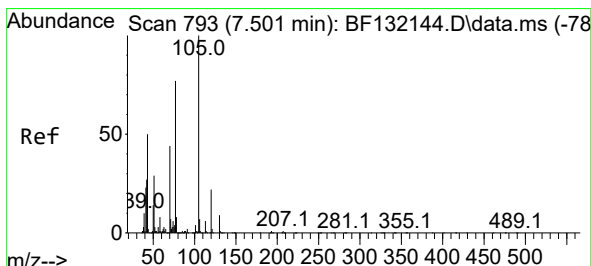
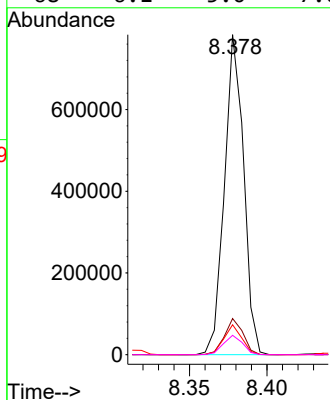
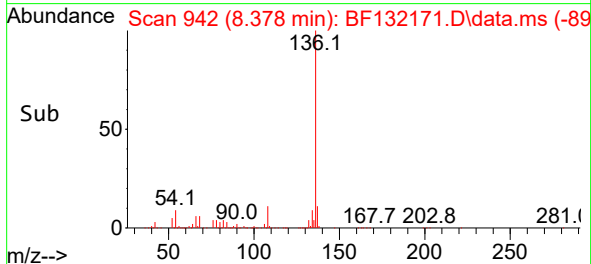


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

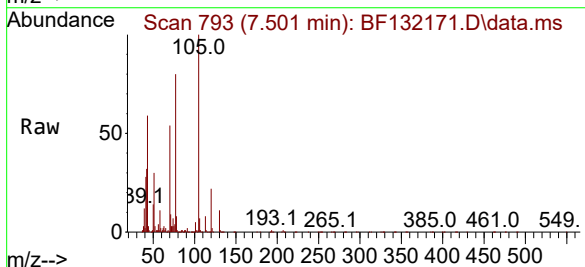
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



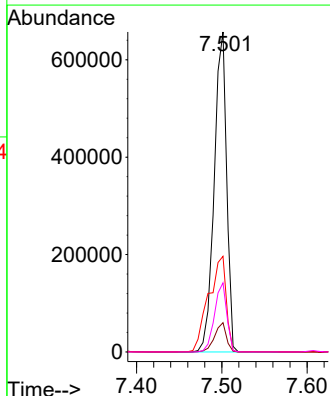
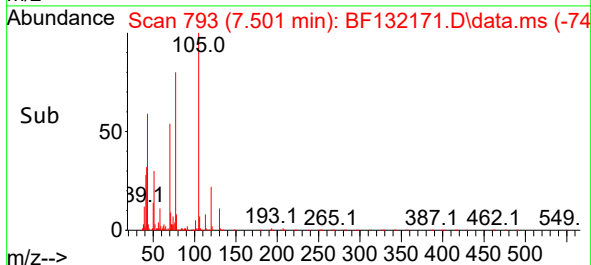
Tgt Ion:136 Resp: 674454
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.4 7.0 10.6
68 6.1 5.0 7.6

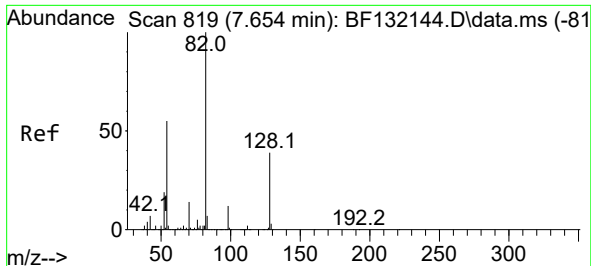


#22
Acetophenone
Concen: 41.062 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion:105 Resp: 665637
Ion Ratio Lower Upper
105 100
71 9.2 5.8 8.6#
51 29.9 23.0 34.6
120 21.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 81.365 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

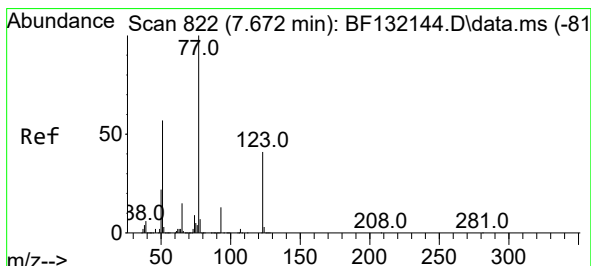
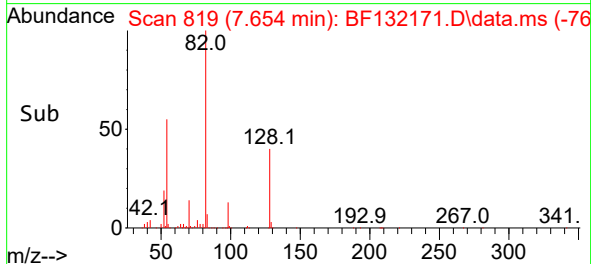
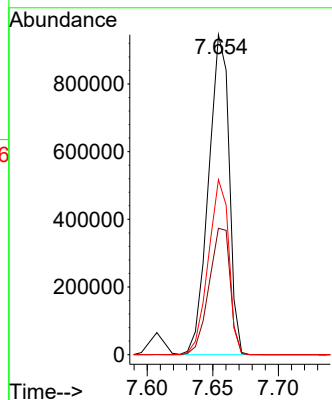
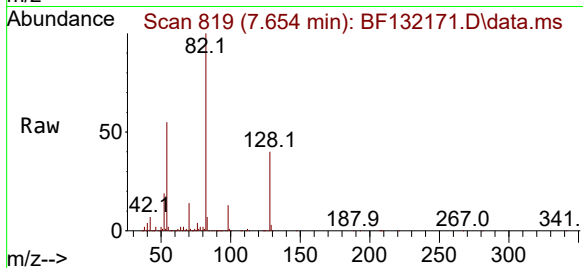
BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion: 82 Resp: 1033020

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.1	46.7
54	54.7	43.9	65.9



#24

Nitrobenzene

Concen: 42.745 ng

RT: 7.678 min Scan# 823

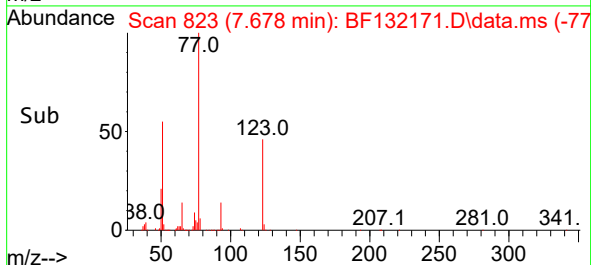
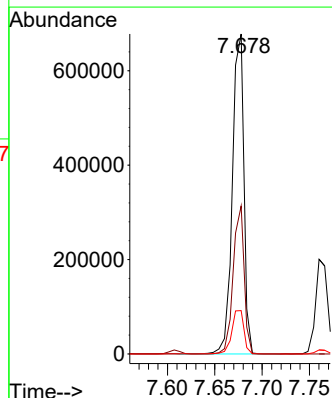
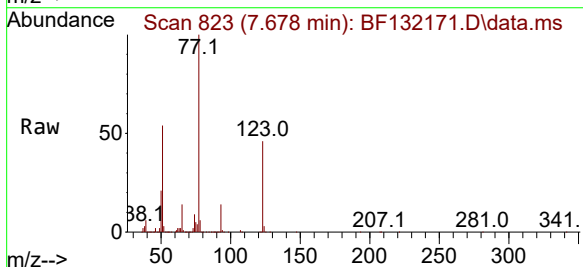
Delta R.T. 0.006 min

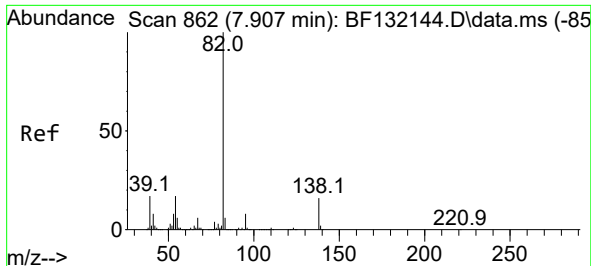
Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion: 77 Resp: 574598

Ion	Ratio	Lower	Upper
77	100		
123	46.2	33.1	49.7
65	13.5	11.7	17.5

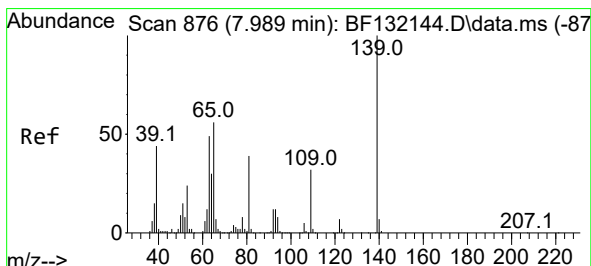
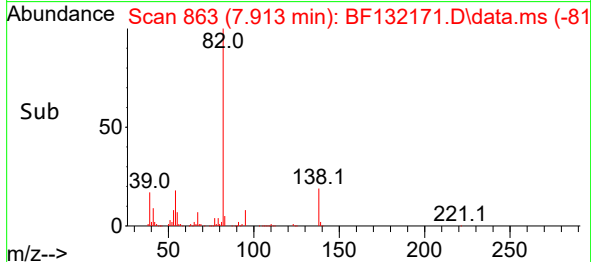
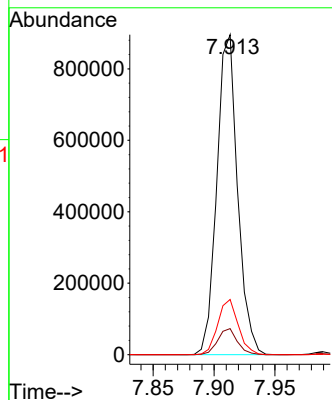
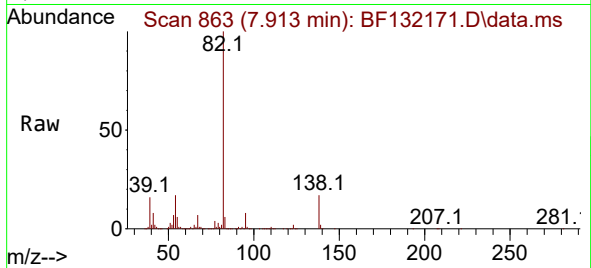




#25
Isophorone
Concen: 42.749 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

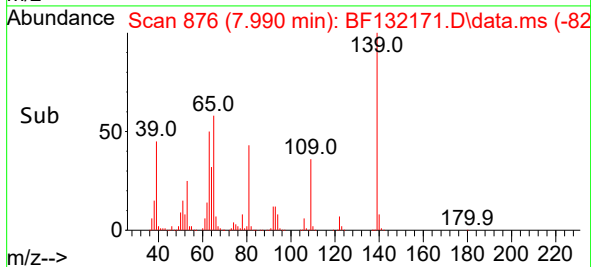
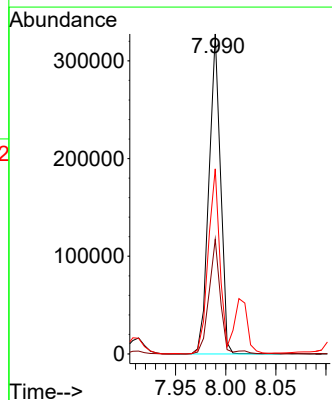
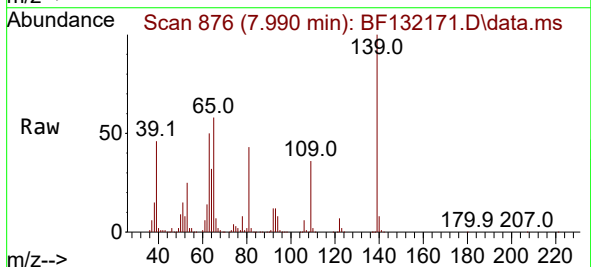
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

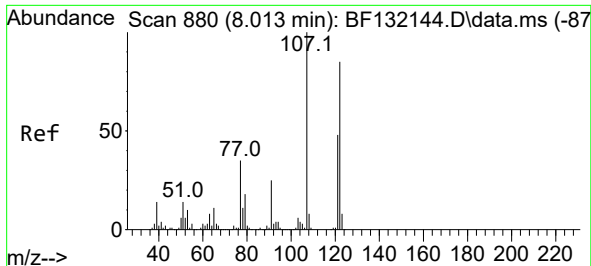
Tgt Ion: 82 Resp: 1061960
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 51.662 ng
RT: 7.990 min Scan# 876
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:139 Resp: 264966
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 57.8 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 44.353 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

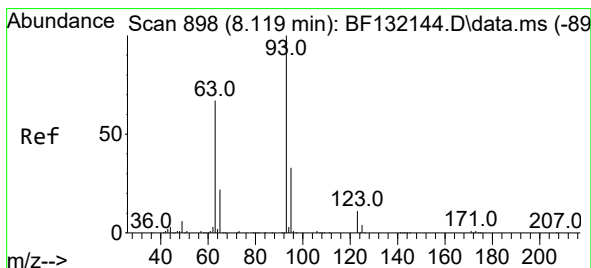
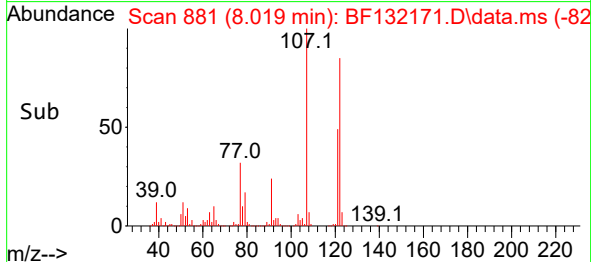
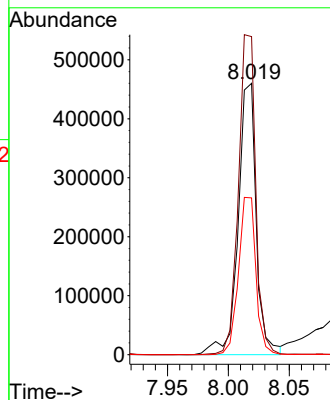
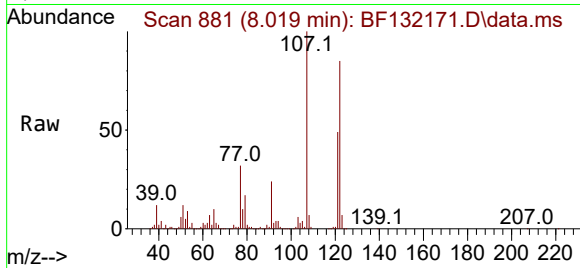
Tgt Ion:122 Resp: 476757

Ion Ratio Lower Upper

122 100

107 117.2 94.2 141.4

121 57.8 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.142 ng

RT: 8.119 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

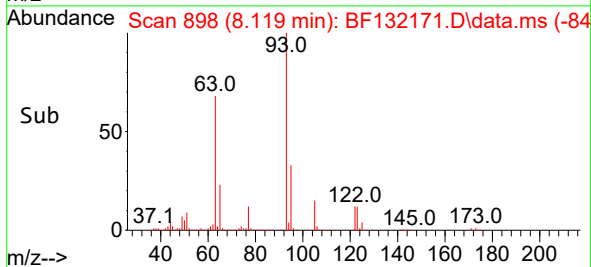
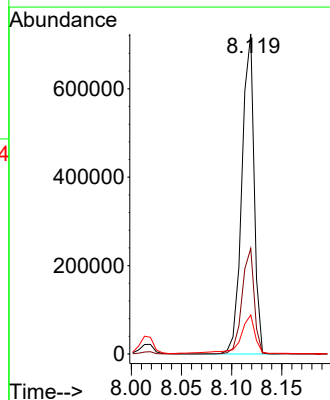
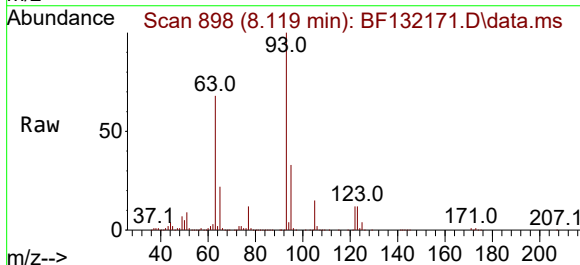
Tgt Ion: 93 Resp: 613210

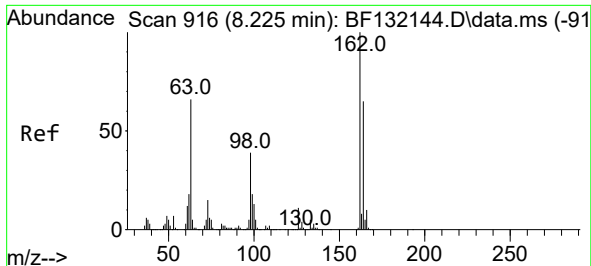
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.975 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

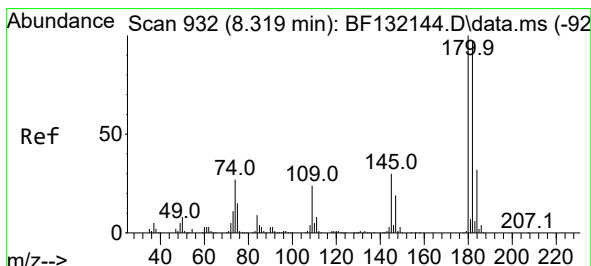
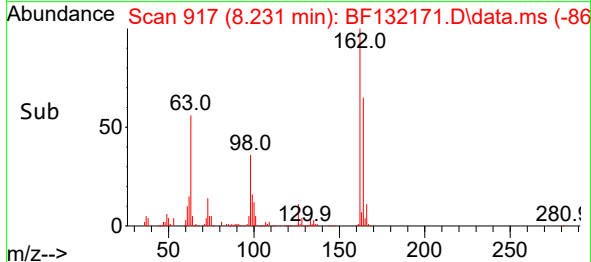
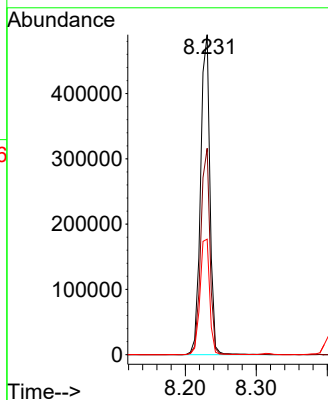
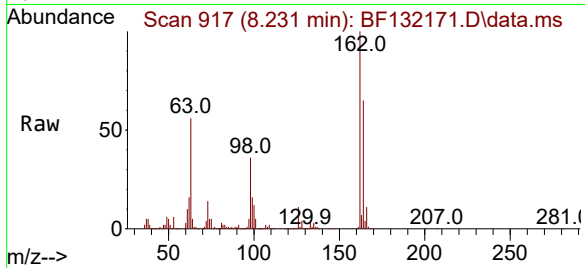
Tgt Ion:162 Resp: 448760

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 36.1 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 42.222 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

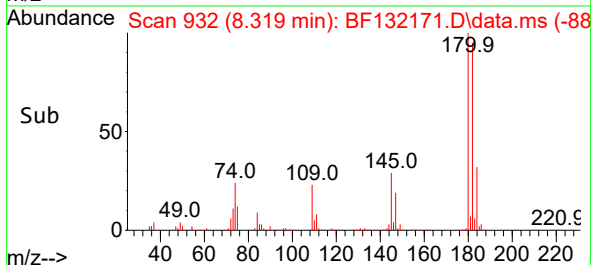
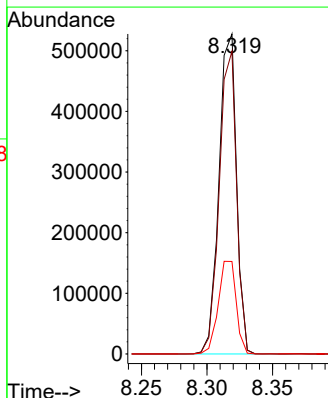
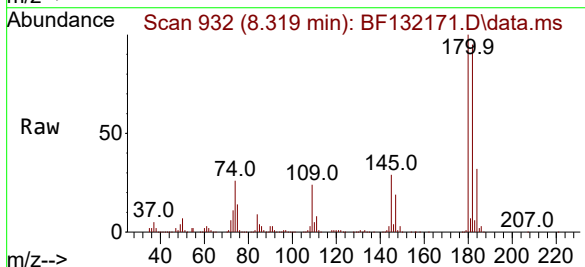
Tgt Ion:180 Resp: 489393

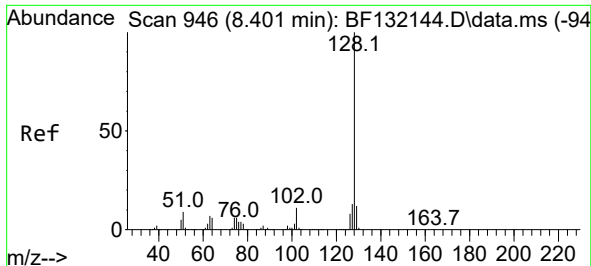
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

145 28.9 23.8 35.6

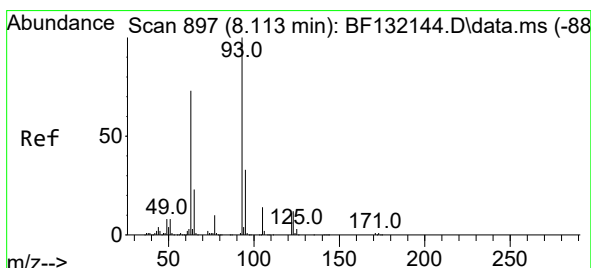
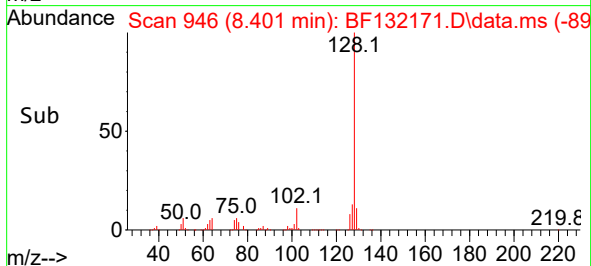
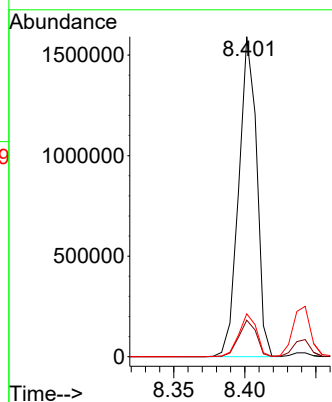
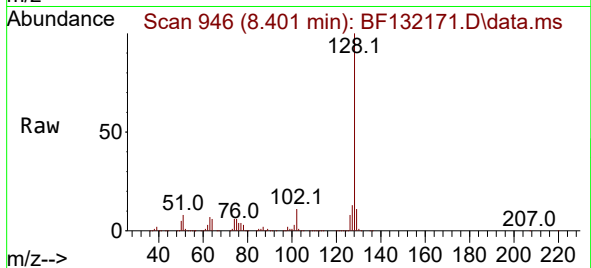




#31
Naphthalene
Concen: 40.435 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

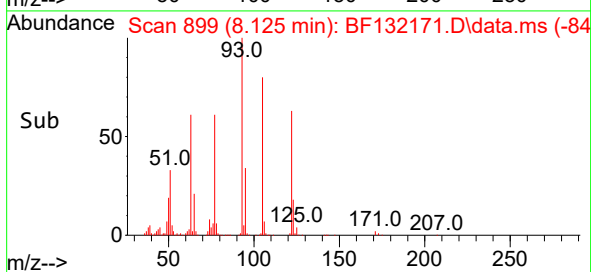
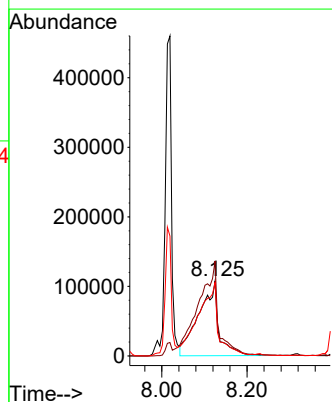
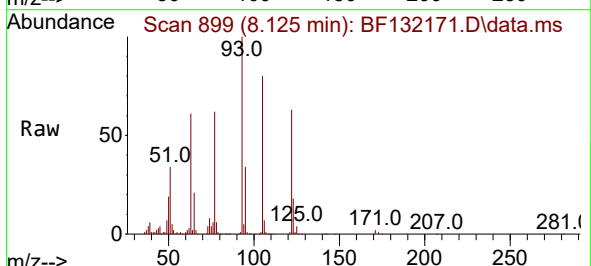
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

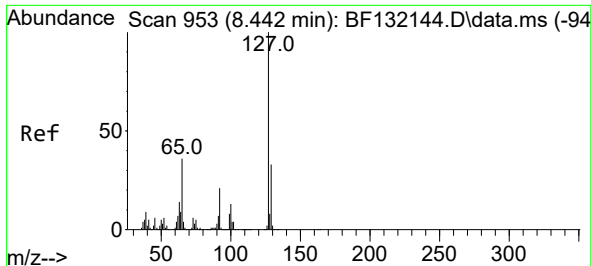
Tgt Ion:128 Resp: 1400607
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 48.858 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:122 Resp: 351863
Ion Ratio Lower Upper
122 100
105 126.8 96.8 136.8
77 98.3 72.5 112.5

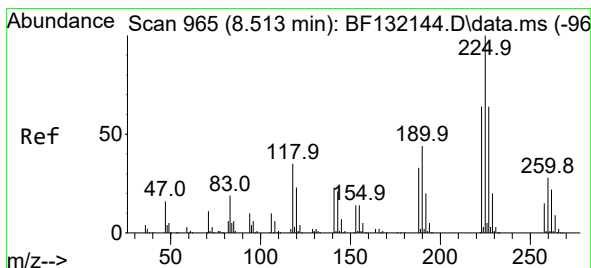
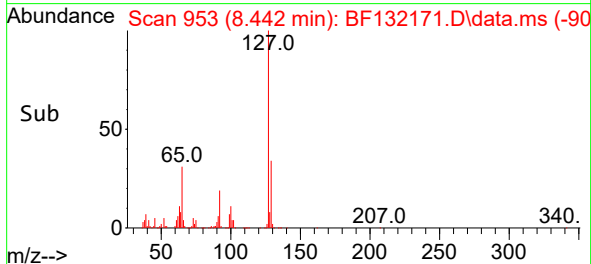
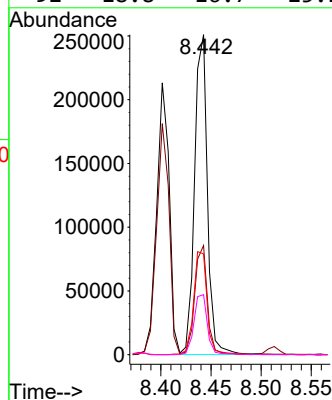
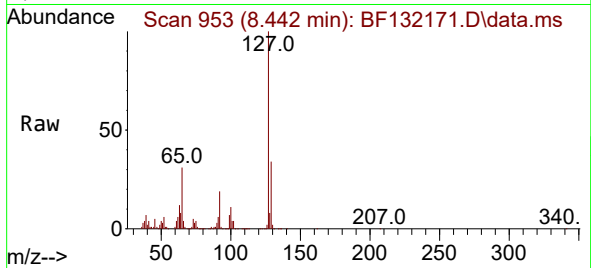




#33
4-Chloroaniline
Concen: 15.018 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

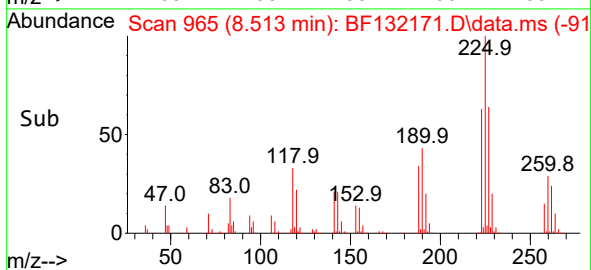
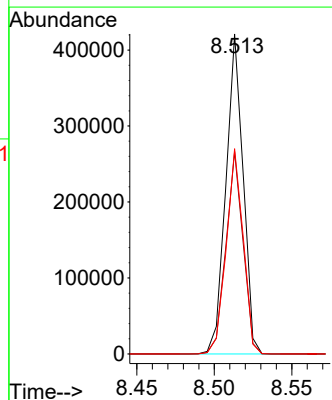
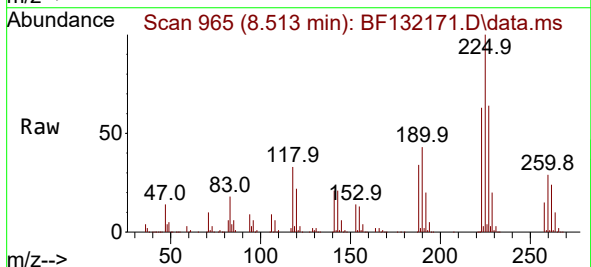
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

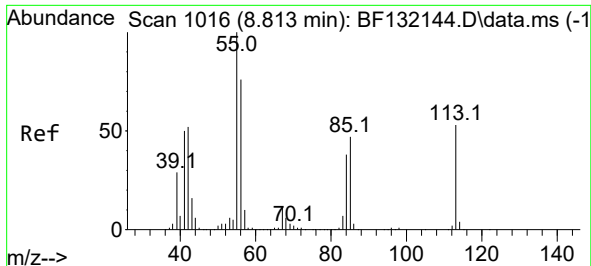
Tgt	Ion:127	Resp:	222620
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.0	39.0
65	31.5	28.4	42.6
92	18.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.776 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:225	Resp: 325291
Ion Ratio	Lower Upper
225 100	
223 63.2	50.9 76.3
227 64.2	50.8 76.2

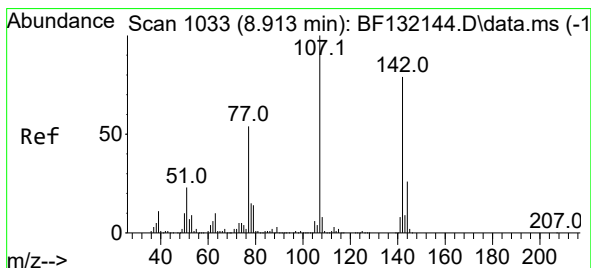
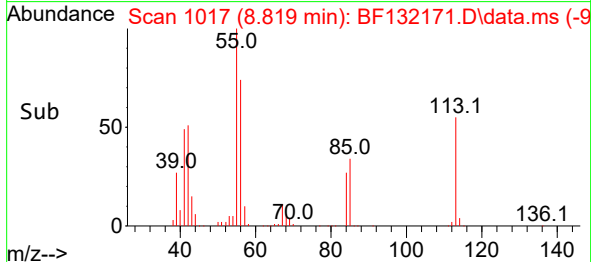
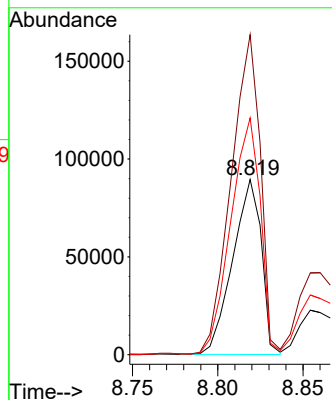
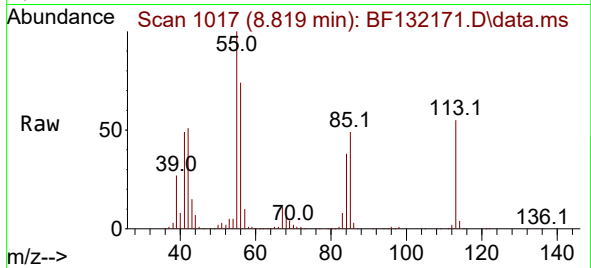




#35
 Caprolactam
 Concen: 36.006 ng
 RT: 8.819 min Scan# 1016
 Delta R.T. 0.006 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

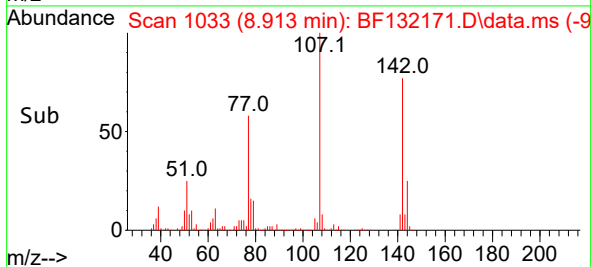
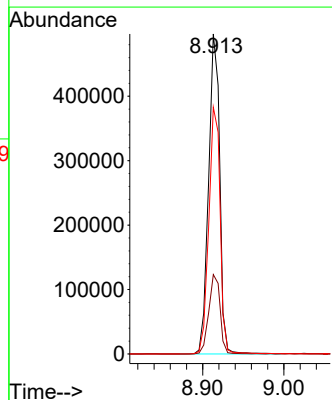
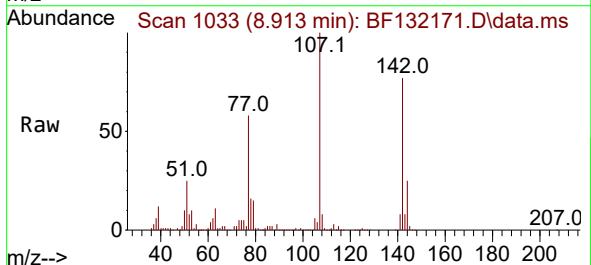
Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

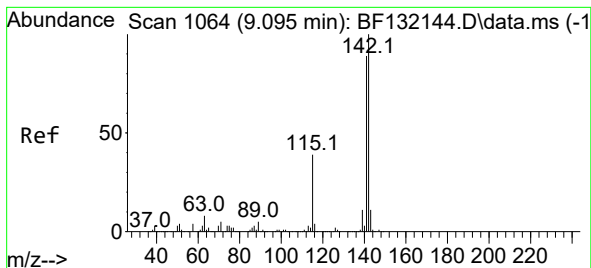
Tgt Ion:113 Resp: 104198
 Ion Ratio Lower Upper
 113 100
 55 182.6 167.5 207.5
 56 135.1 122.0 162.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.831 ng
 RT: 8.913 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Tgt Ion:107 Resp: 470663
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.0 31.4
 142 77.1 63.6 95.4





#37

2-Methylnaphthalene

Concen: 38.790 ng

RT: 9.095 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

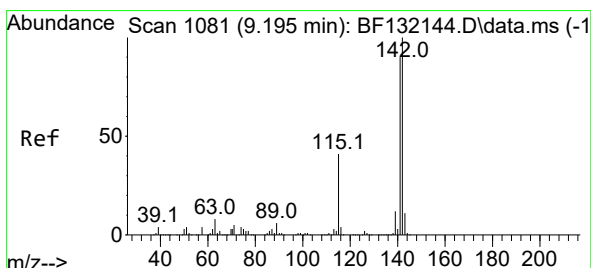
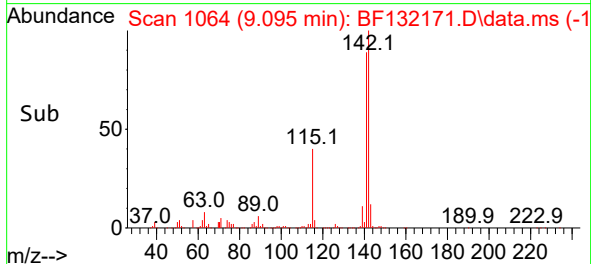
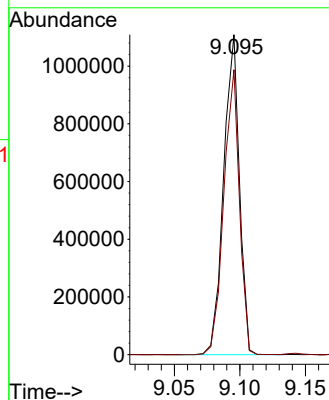
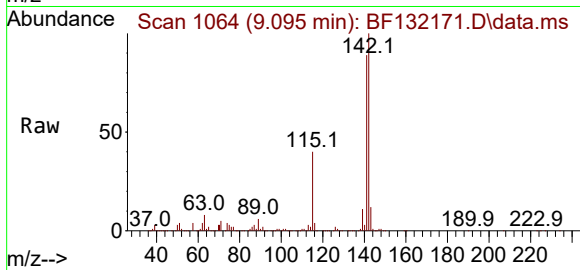
B-P34AMS

Tgt Ion:142 Resp: 925079

Ion Ratio Lower Upper

142 100

141 89.0 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.527 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132171.D

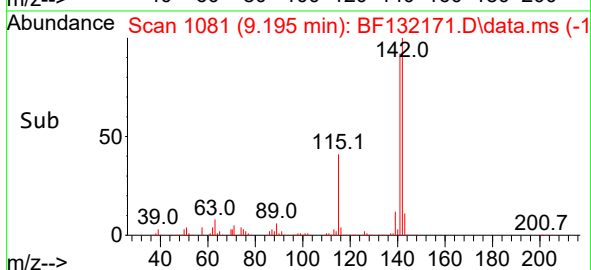
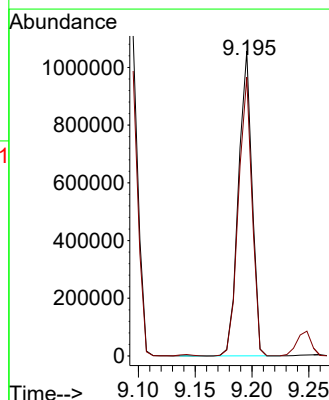
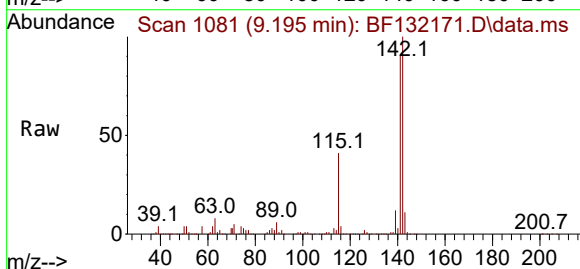
Acq: 20 Jan 2023 20:35

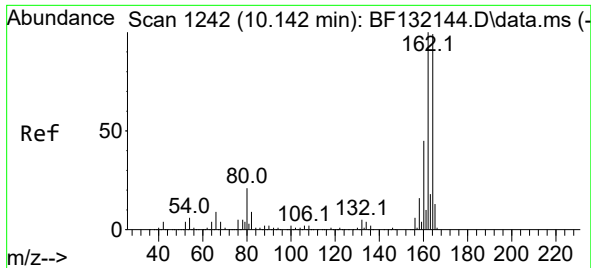
Tgt Ion:142 Resp: 877096

Ion Ratio Lower Upper

142 100

141 91.5 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: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

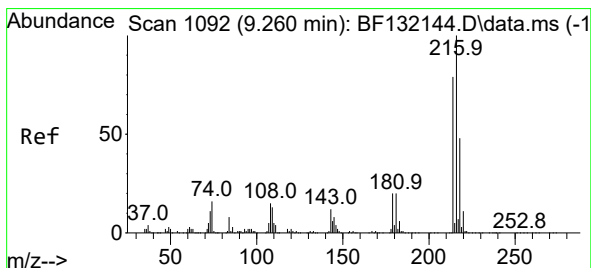
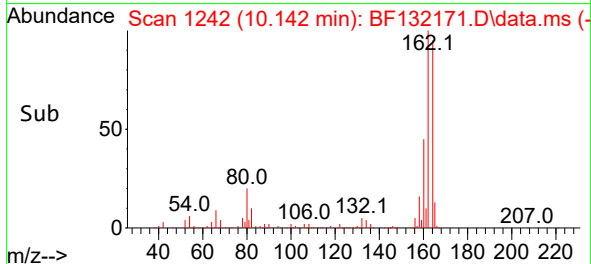
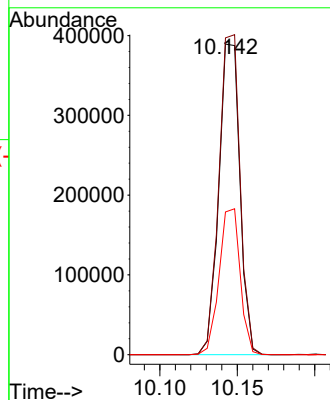
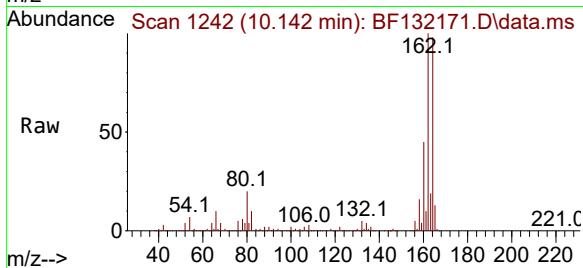
Tgt Ion:164 Resp: 369043

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 46.0 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.012 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion:216 Resp: 500922

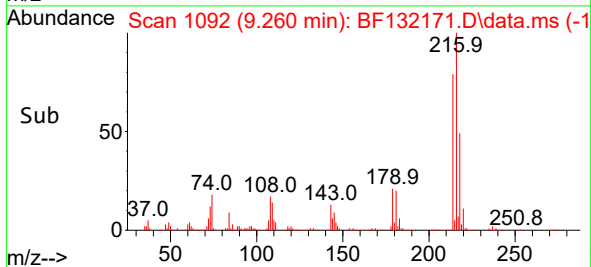
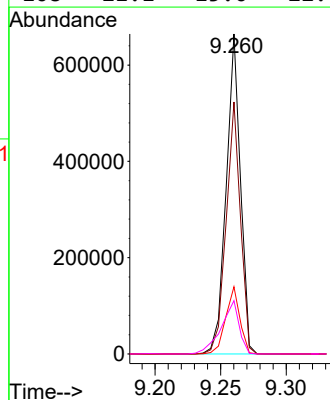
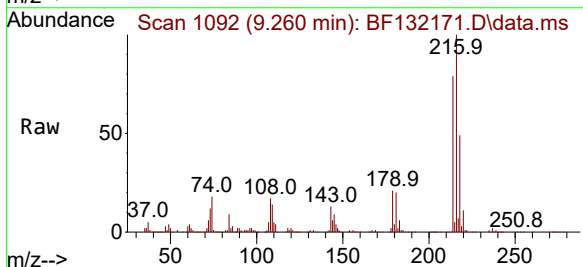
Ion Ratio Lower Upper

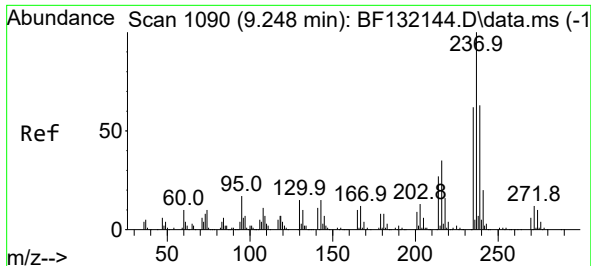
216 100

214 78.9 63.1 94.7

179 20.9 16.6 24.8

108 21.1 15.0 22.4

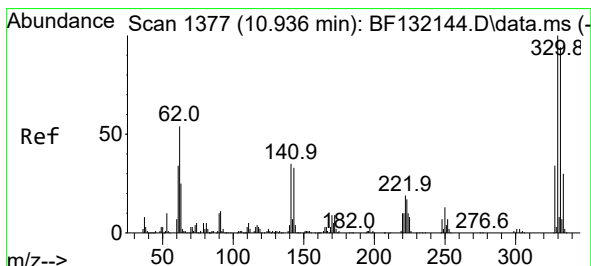
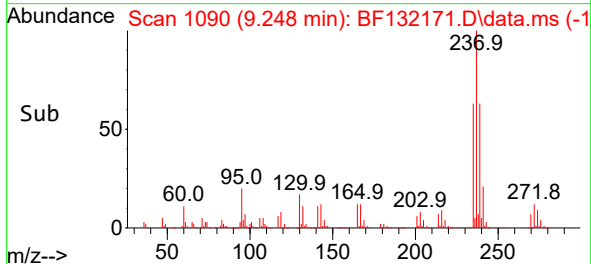
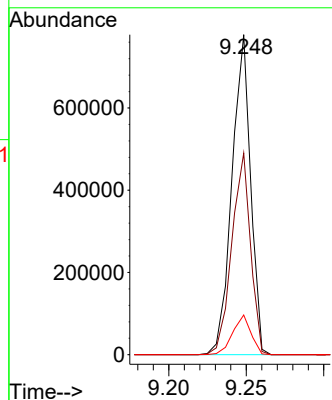
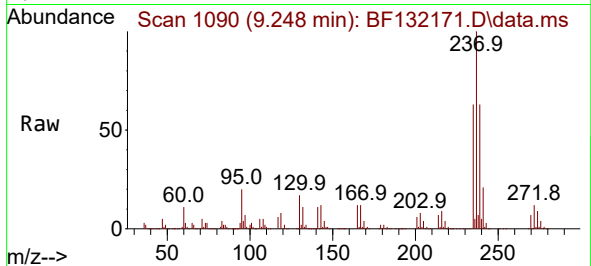




#41
Hexachlorocyclopentadiene
Concen: 92.788 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

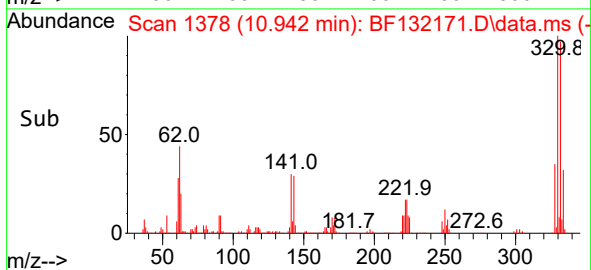
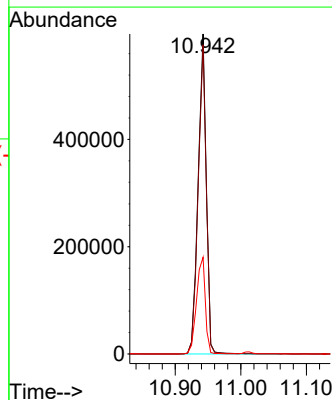
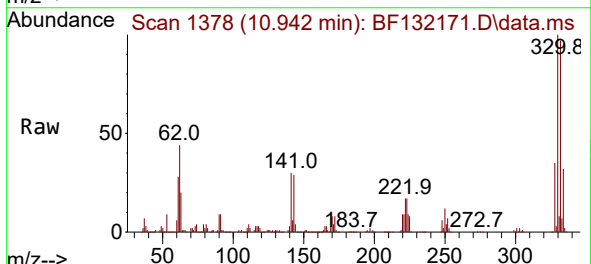
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

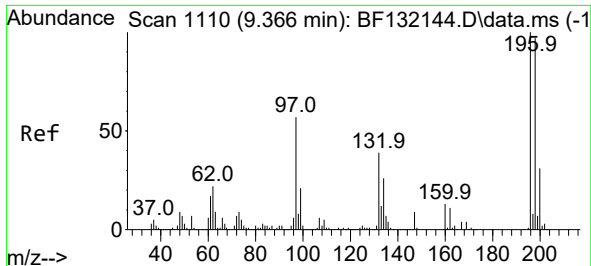
Tgt Ion:237 Resp: 650146
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 131.484 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:330 Resp: 518300
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 44.387 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

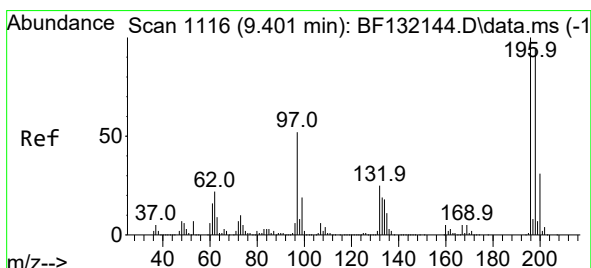
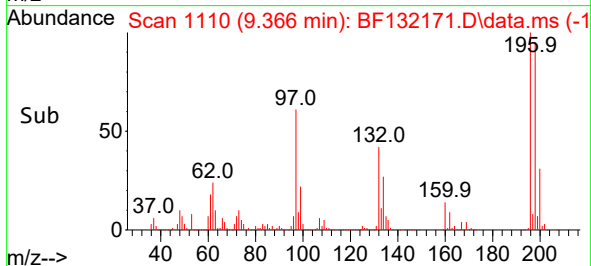
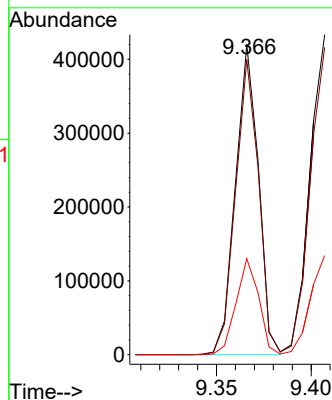
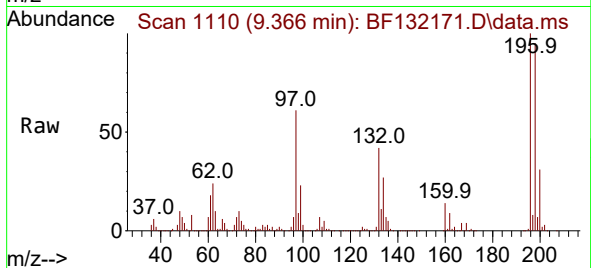
Tgt Ion:196 Resp: 353715

Ion Ratio Lower Upper

196 100

198 95.1 77.4 116.2

200 31.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.518 ng

RT: 9.407 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion:196 Resp: 386938

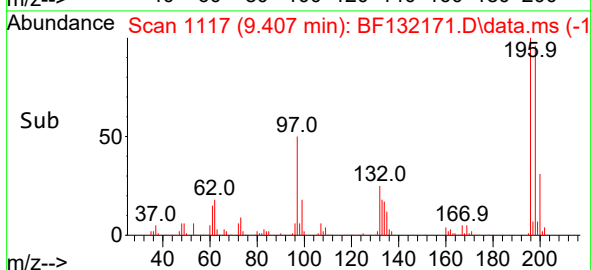
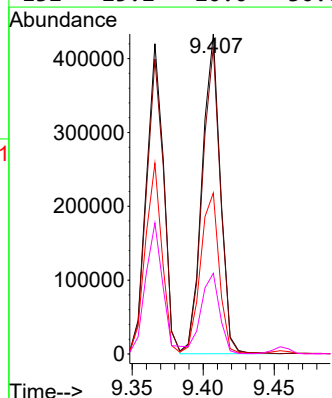
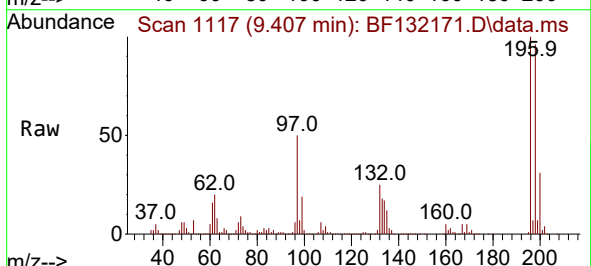
Ion Ratio Lower Upper

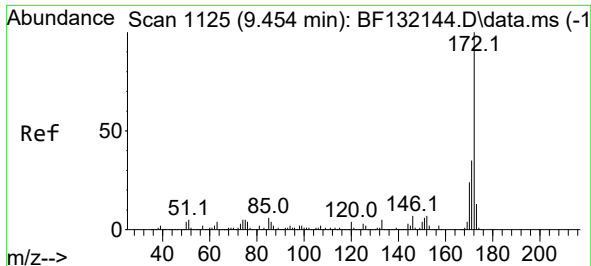
196 100

198 96.1 75.3 112.9

97 50.3 41.3 61.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 65.701 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

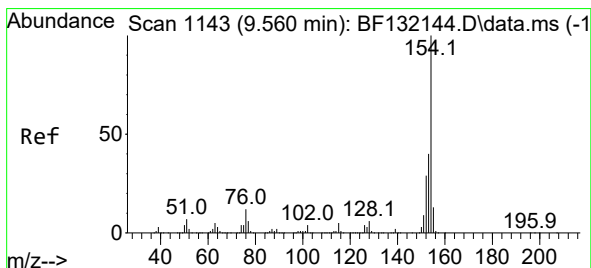
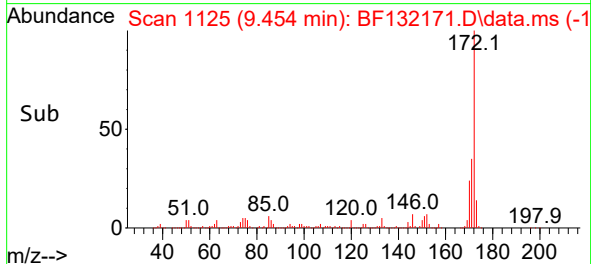
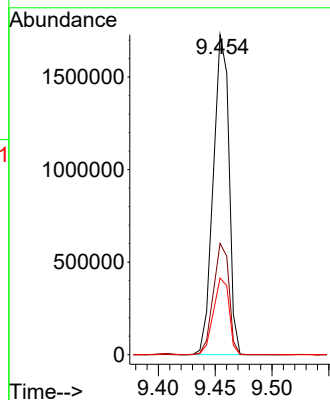
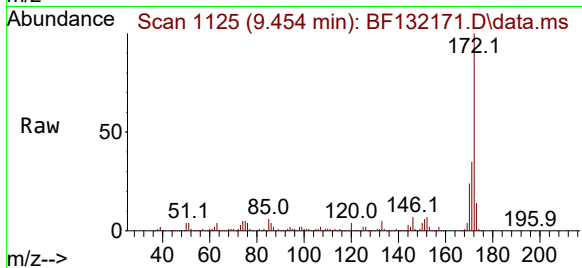
Tgt Ion:172 Resp: 1659325

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 24.0 19.6 29.4



#46

1,1'-Biphenyl

Concen: 39.762 ng

RT: 9.560 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

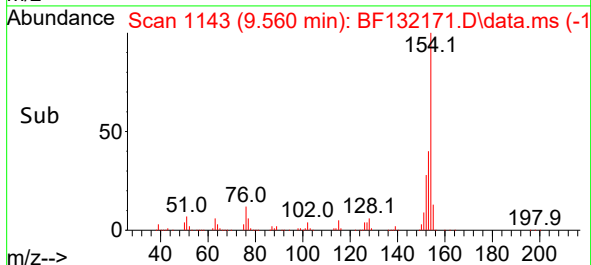
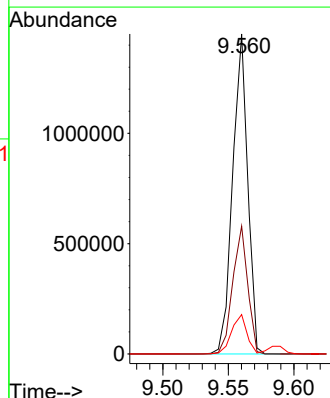
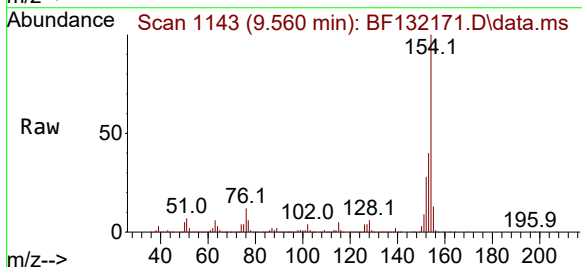
Tgt Ion:154 Resp: 1157682

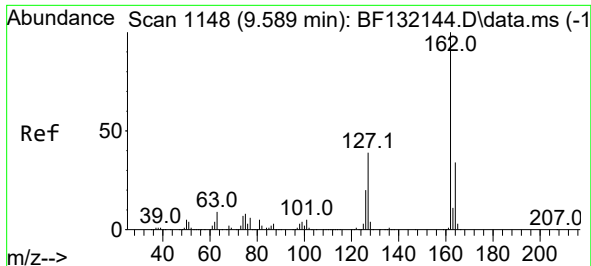
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

76 12.3 0.0 32.2

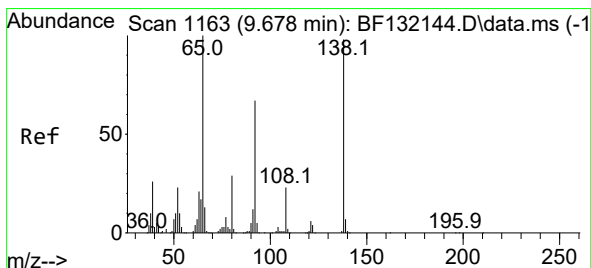
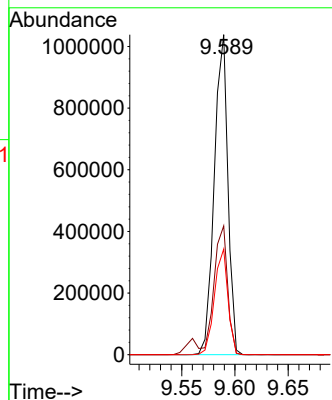
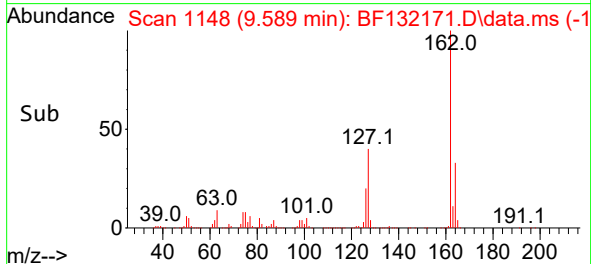
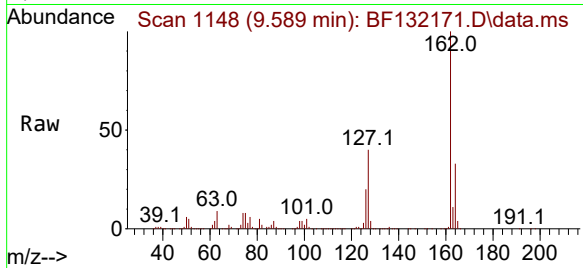




#47
2-Chloronaphthalene
Concen: 41.075 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

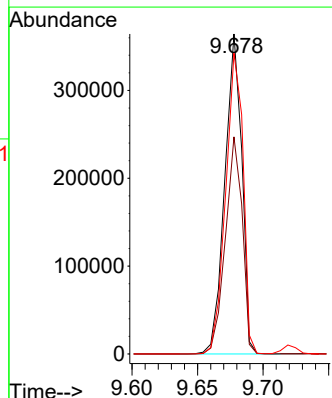
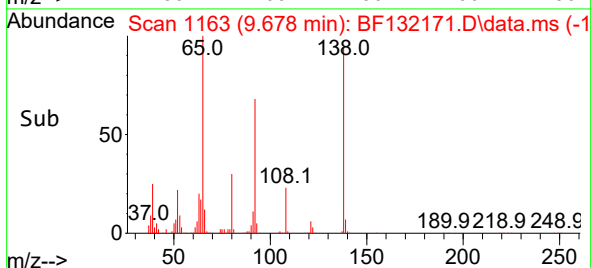
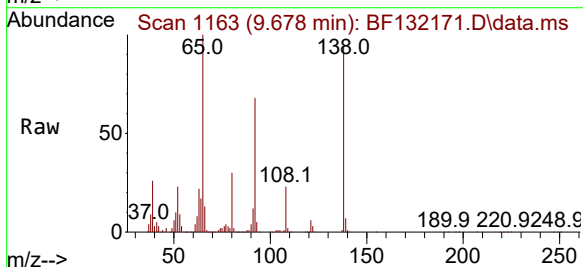
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

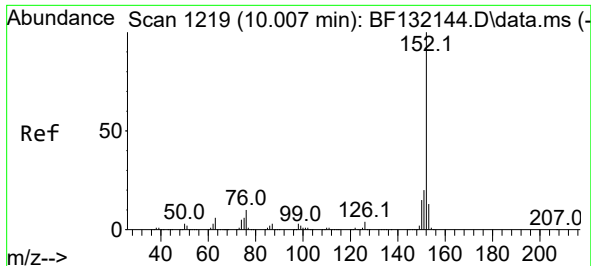
Tgt Ion:162 Resp: 924471
Ion Ratio Lower Upper
162 100
127 40.2 31.1 46.7
164 33.0 26.9 40.3



#48
2-Nitroaniline
Concen: 45.547 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 65 Resp: 326841
Ion Ratio Lower Upper
65 100
92 67.8 53.8 80.6
138 94.0 78.7 118.1

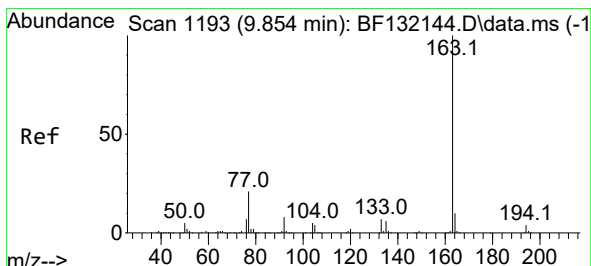
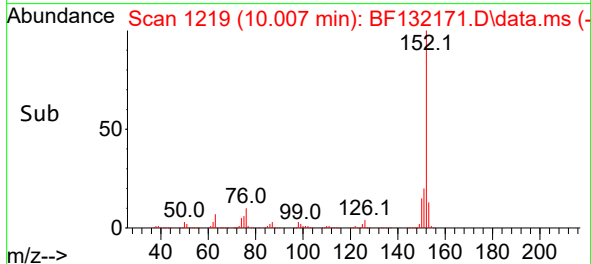
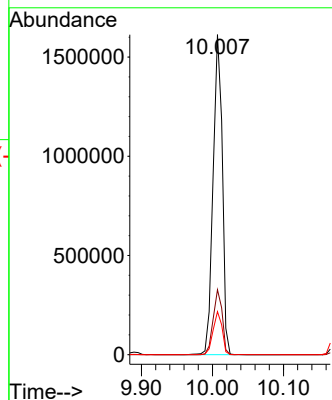
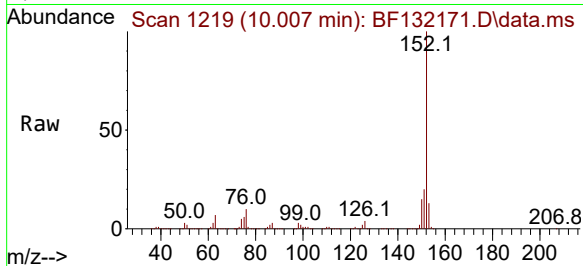




#49
Acenaphthylene
Concen: 40.393 ng
RT: 10.007 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

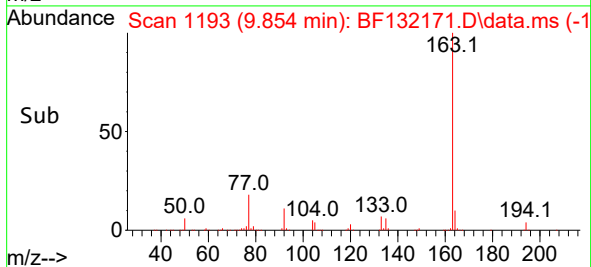
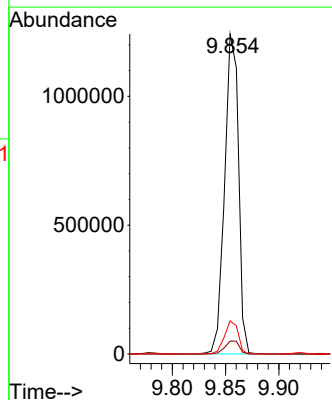
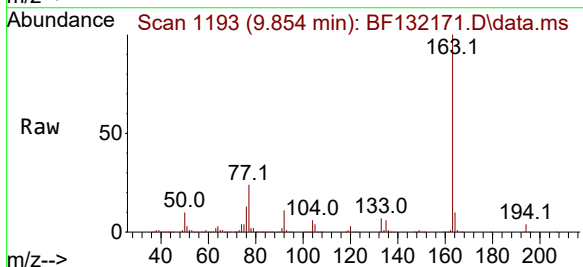
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

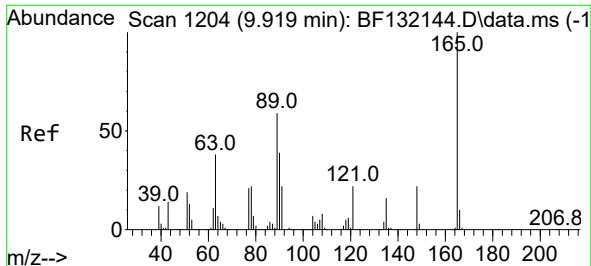
Tgt Ion:152 Resp: 1454351
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 41.987 ng
RT: 9.854 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:163 Resp: 1122254
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.2

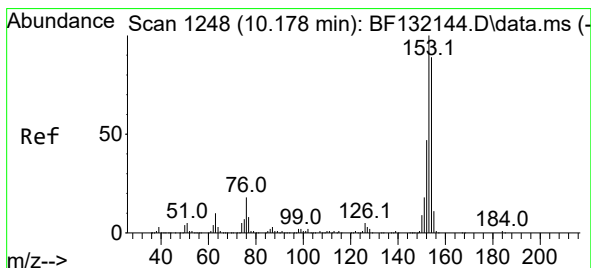
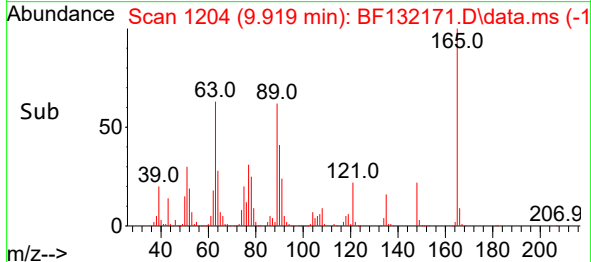
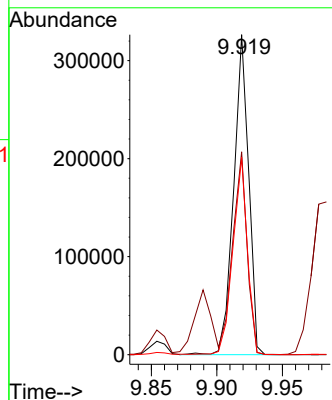
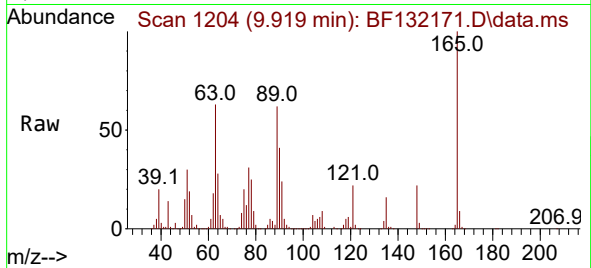




#51
2,6-Dinitrotoluene
Concen: 50.073 ng
RT: 9.919 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

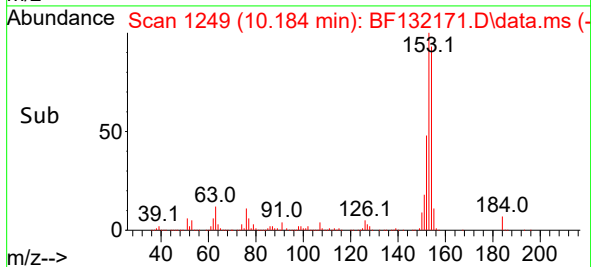
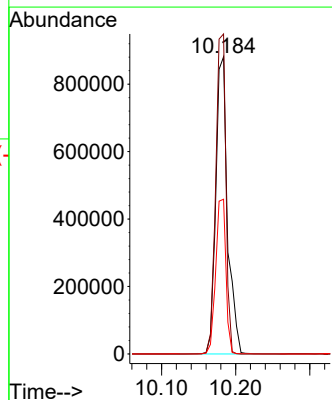
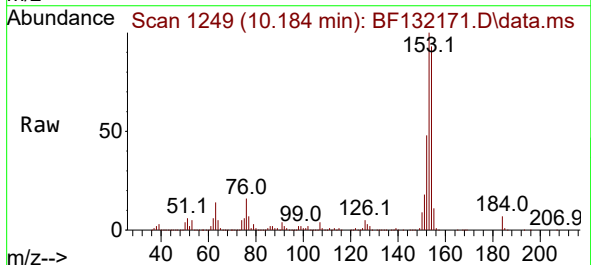
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

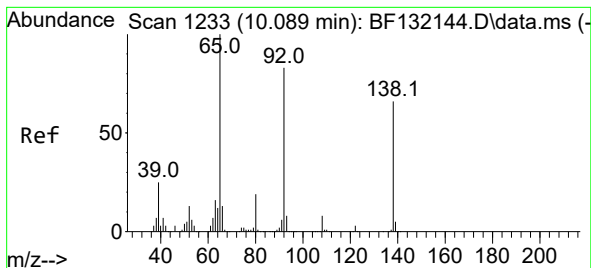
Tgt Ion:165 Resp: 259408
Ion Ratio Lower Upper
165 100
63 63.4 46.6 70.0
89 61.7 47.4 71.2



#52
Acenaphthene
Concen: 44.874 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:154 Resp: 971821
Ion Ratio Lower Upper
154 100
153 107.7 89.8 134.8
152 52.1 42.3 63.5





#53

3-Nitroaniline

Concen: 32.234 ng

RT: 10.089 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

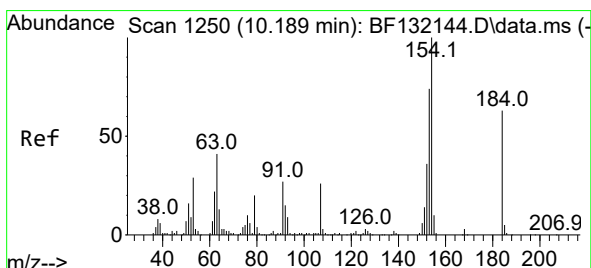
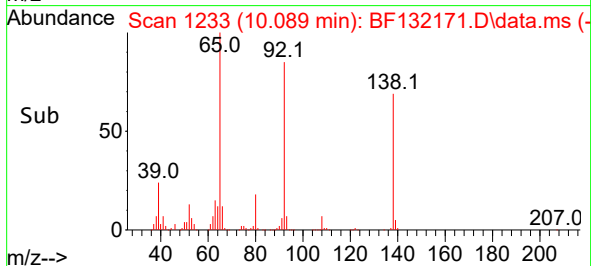
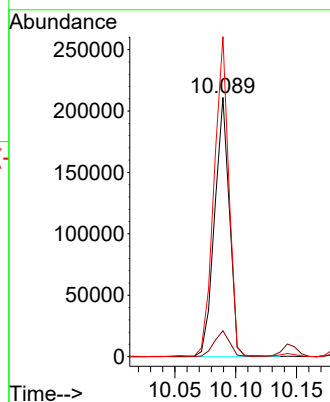
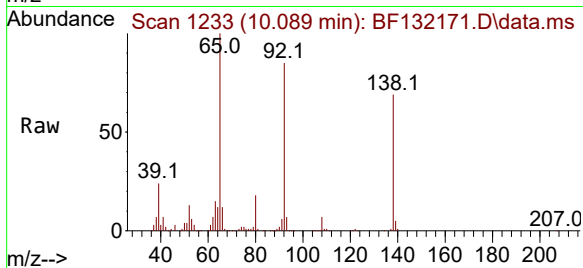
Tgt Ion:138 Resp: 178541

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

92 123.4 101.2 151.8



#54

2,4-Dinitrophenol

Concen: 108.068 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

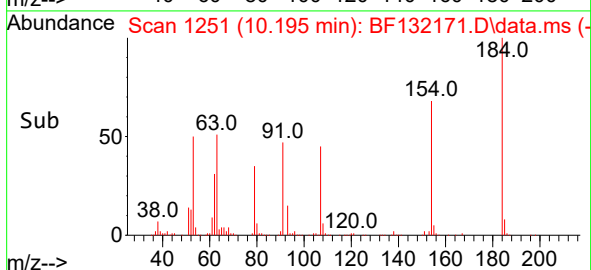
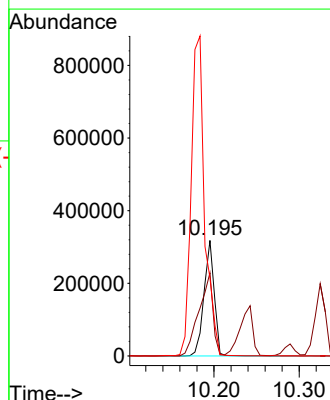
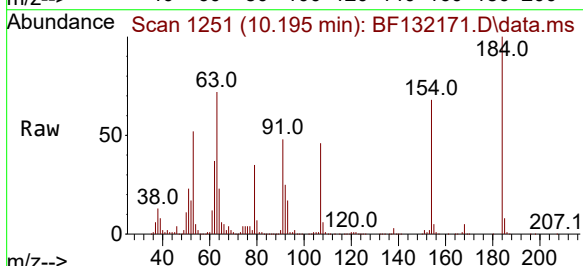
Tgt Ion:184 Resp: 266056

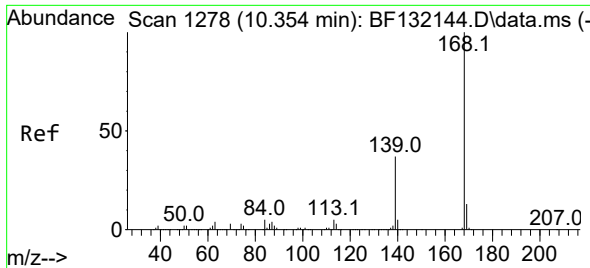
Ion Ratio Lower Upper

184 100

63 72.0 53.2 79.8

154 67.6 129.4 194.0#

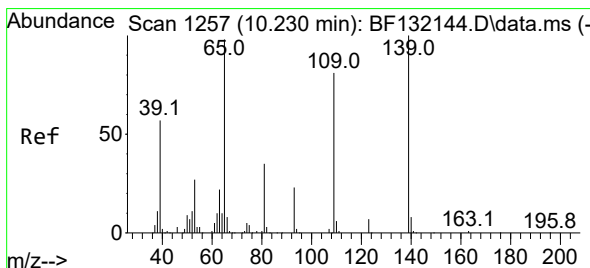
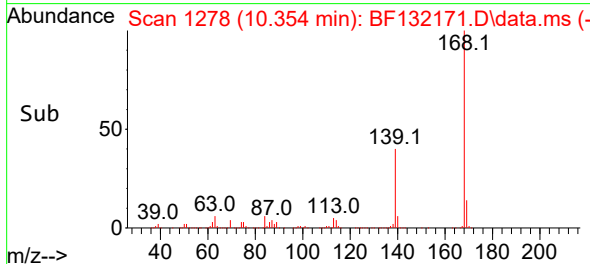
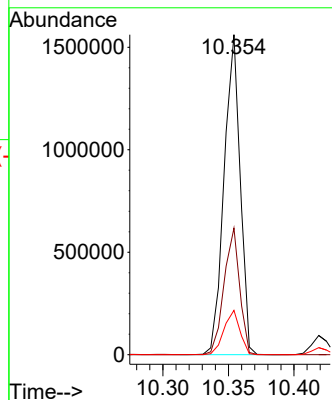
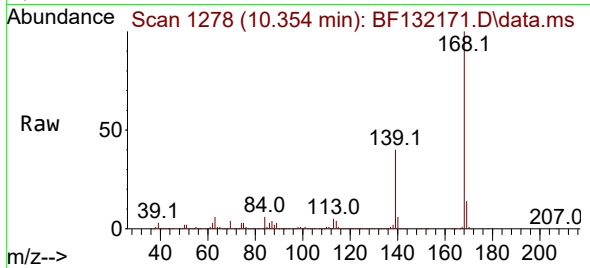




#55
Dibenzofuran
Concen: 39.654 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

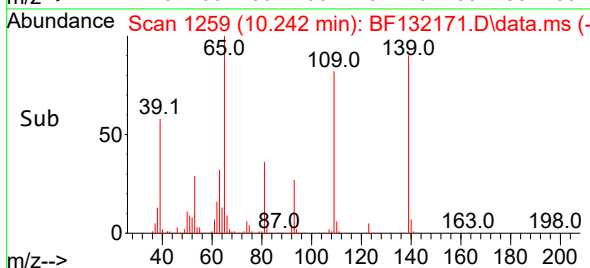
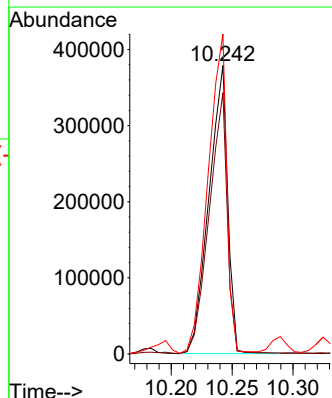
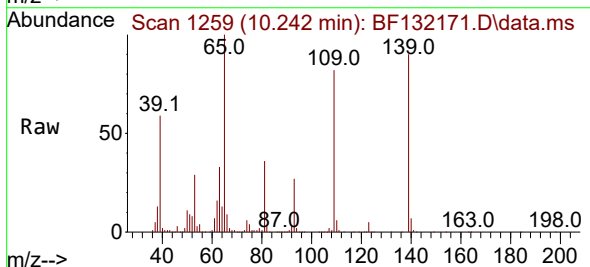
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

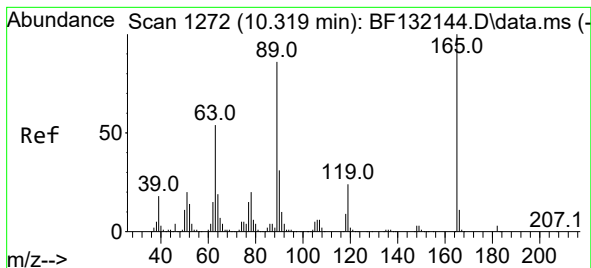
Tgt Ion:168 Resp: 1327167
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.8
169 13.8 10.3 15.5



#56
4-Nitrophenol
Concen: 101.031 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:139 Resp: 407268
Ion Ratio Lower Upper
139 100
109 90.6 61.0 101.0
65 110.9 79.3 119.3

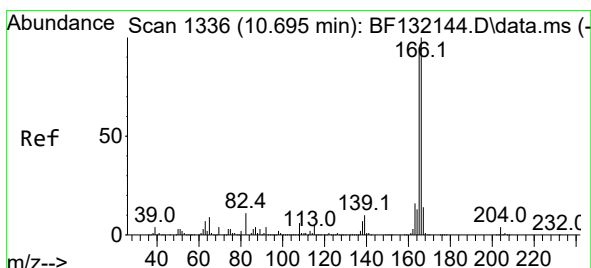
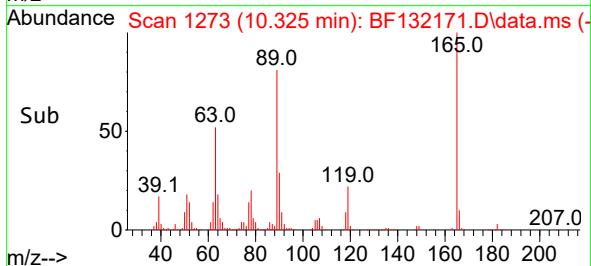
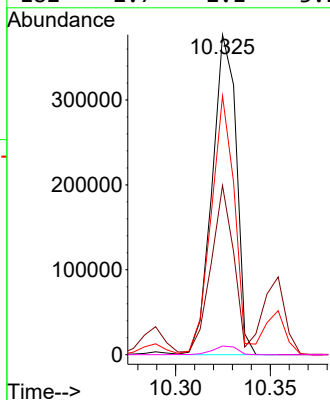
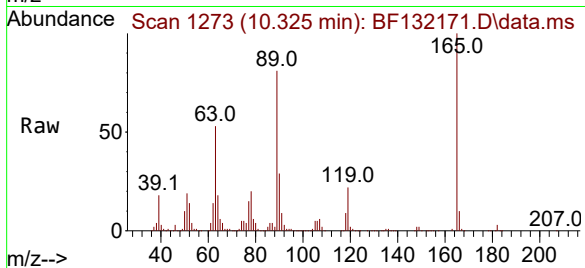




#57
2,4-Dinitrotoluene
Concen: 53.902 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

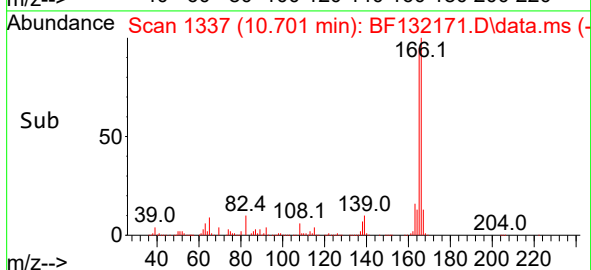
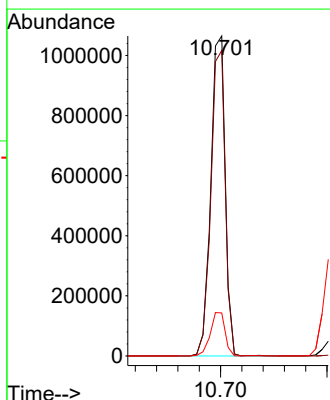
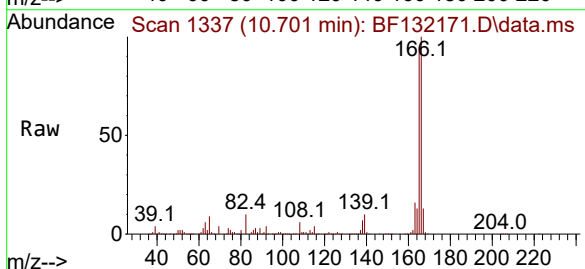
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

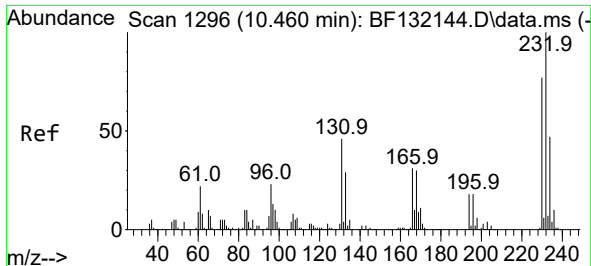
Tgt Ion:165 Resp: 335194
Ion Ratio Lower Upper
165 100
63 52.9 43.5 65.3
89 80.9 69.0 103.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 40.296 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:166 Resp: 999303
Ion Ratio Lower Upper
166 100
165 95.5 76.4 114.6
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.622 ng

RT: 10.466 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:232 Resp: 330526

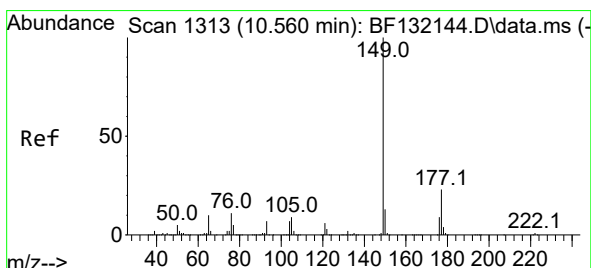
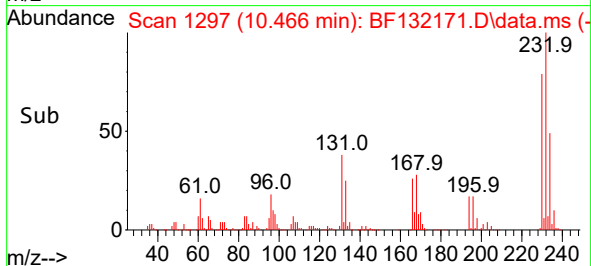
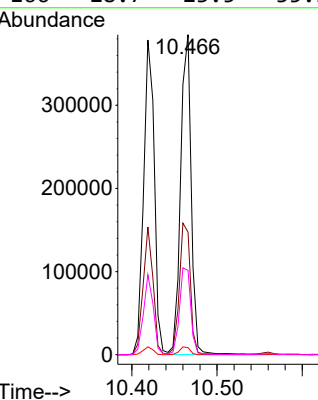
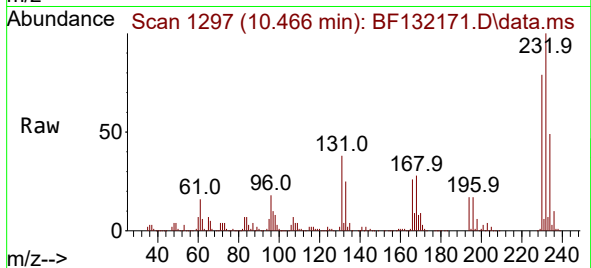
Ion Ratio Lower Upper

232 100

131 42.5 33.8 50.6

130 2.4 1.9 2.9

166 28.7 23.5 35.3



#60

Diethylphthalate

Concen: 43.103 ng

RT: 10.560 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

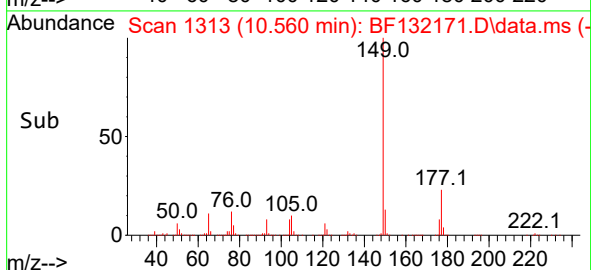
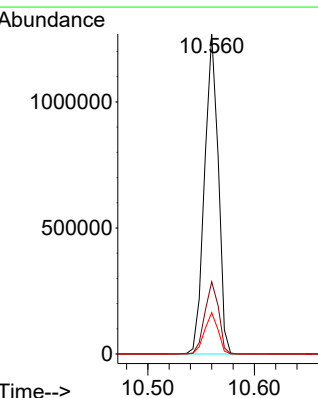
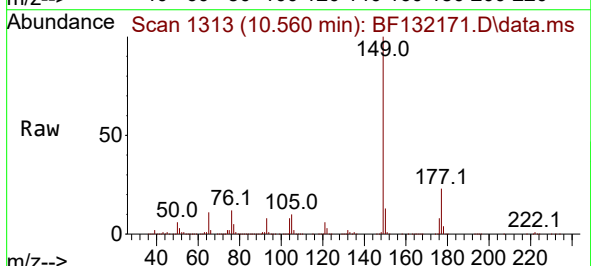
Tgt Ion:149 Resp: 1129768

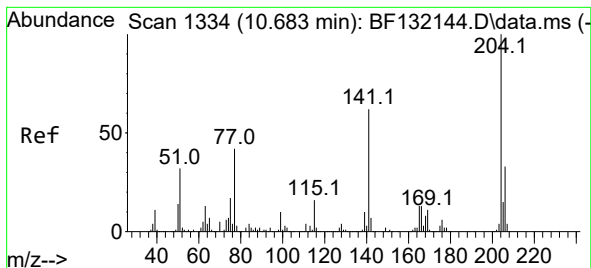
Ion Ratio Lower Upper

149 100

177 22.6 18.4 27.6

150 12.9 10.1 15.1

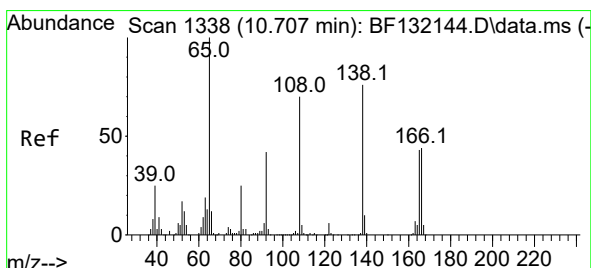
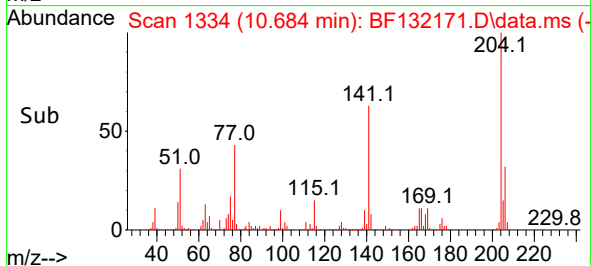
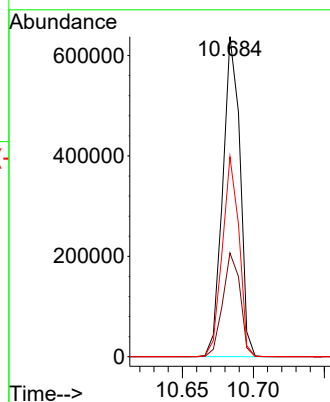
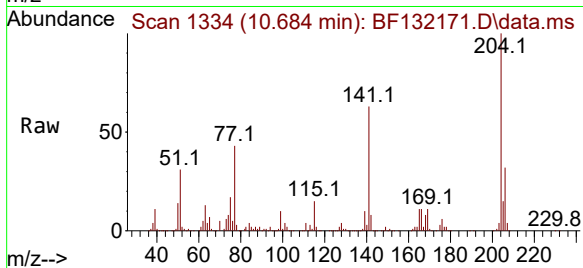




#61
4-Chlorophenyl-phenylether
Concen: 40.317 ng
RT: 10.684 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

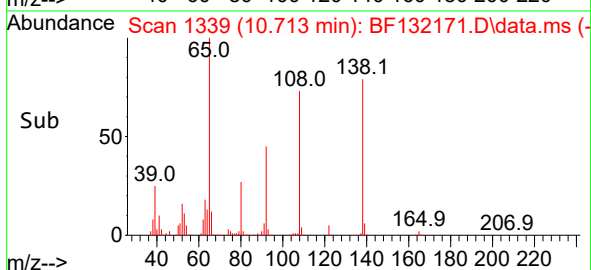
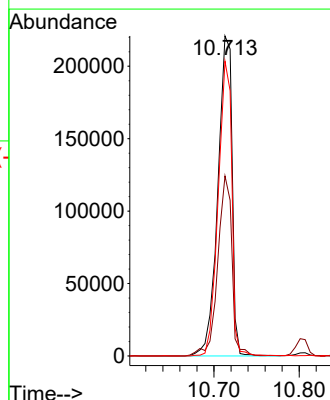
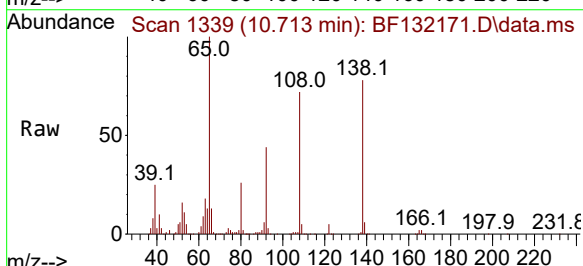
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

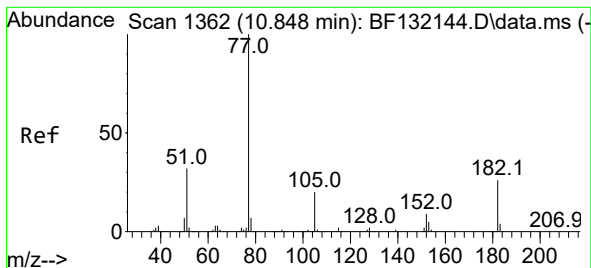
Tgt Ion:204 Resp: 535392
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.5 49.2 73.8



#62
4-Nitroaniline
Concen: 49.898 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:138 Resp: 257309
Ion Ratio Lower Upper
138 100
92 56.2 35.9 75.9
108 92.1 72.0 112.0





#63

Azobenzene

Concen: 52.965 ng

RT: 10.848 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion: 77 Resp: 1393280

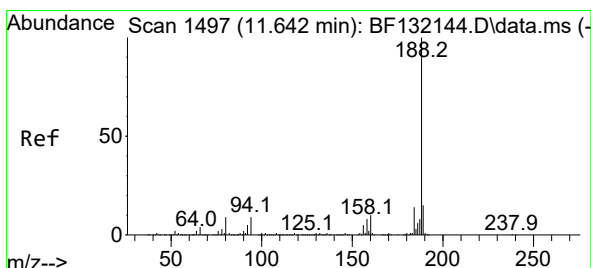
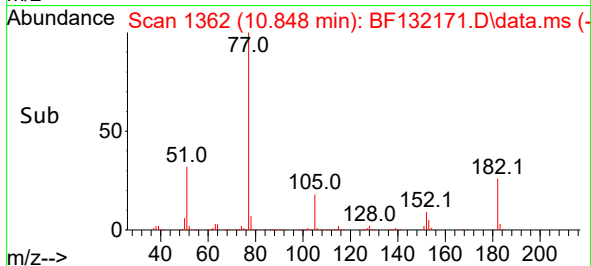
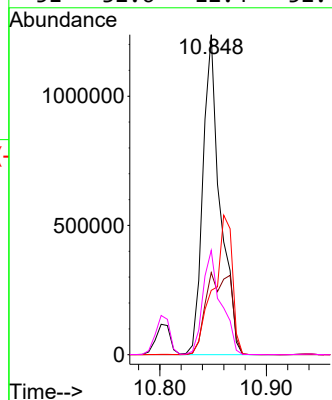
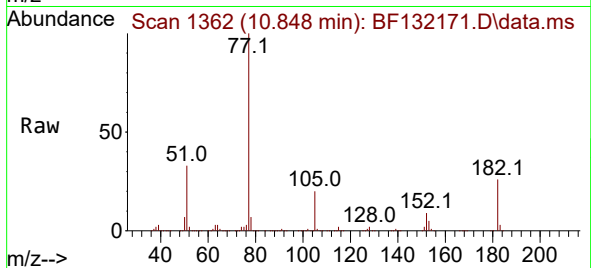
Ion Ratio Lower Upper

77 100

182 25.7 6.4 46.4

105 20.1 0.0 39.8

51 32.6 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: BF132171.D

Acq: 20 Jan 2023 20:35

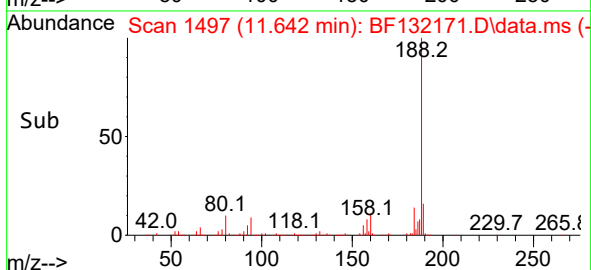
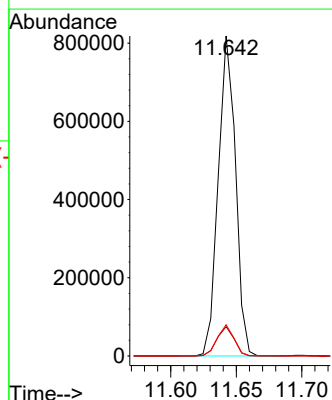
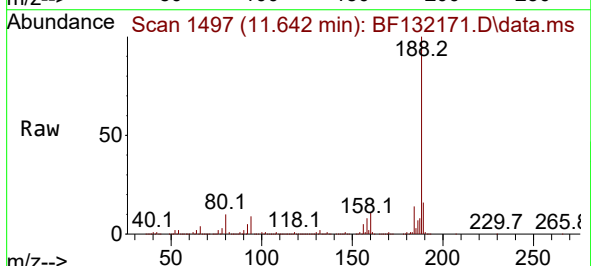
Tgt Ion:188 Resp: 748390

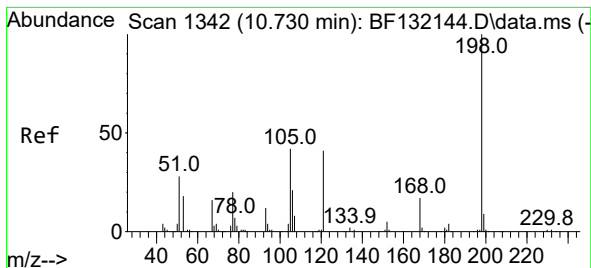
Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

80 9.7 7.5 11.3

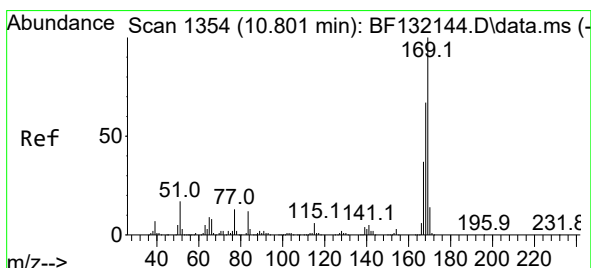
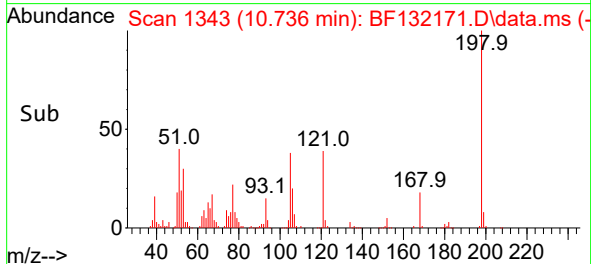
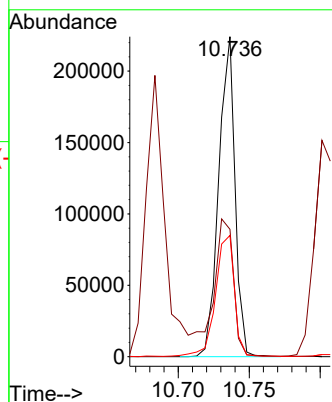
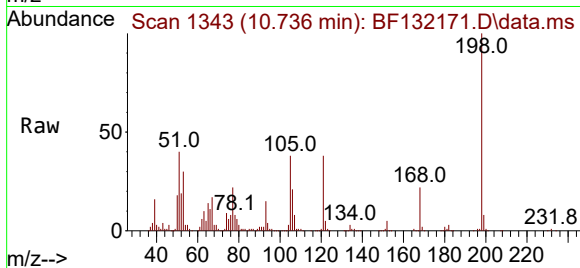




#65
4,6-Dinitro-2-methylphenol
Concen: 48.454 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

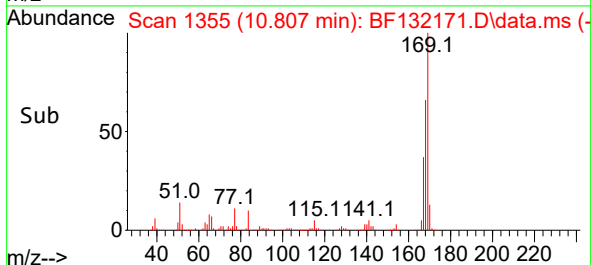
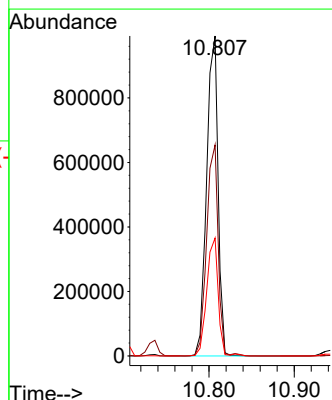
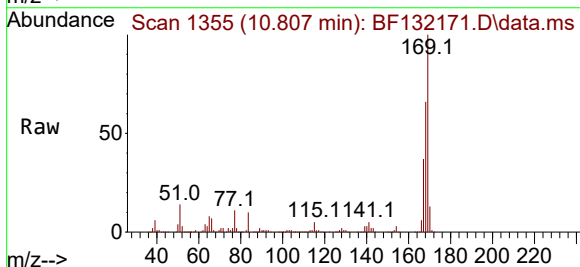
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

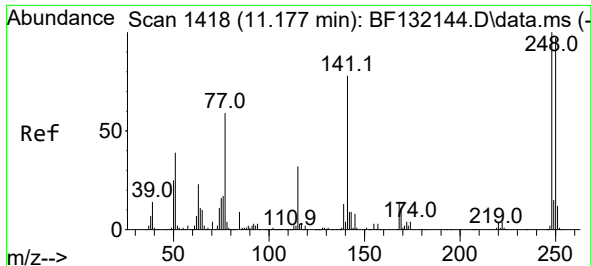
Tgt Ion:198 Resp: 178390
Ion Ratio Lower Upper
198 100
51 39.8 24.3 64.3
105 37.9 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 38.372 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:169 Resp: 919691
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.8 29.7 44.5

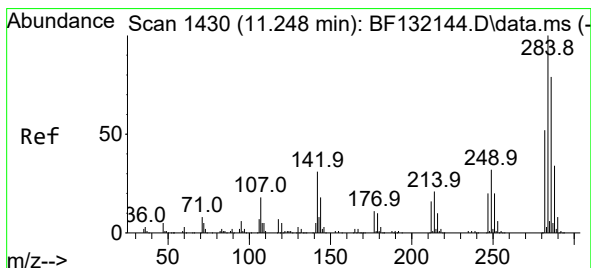
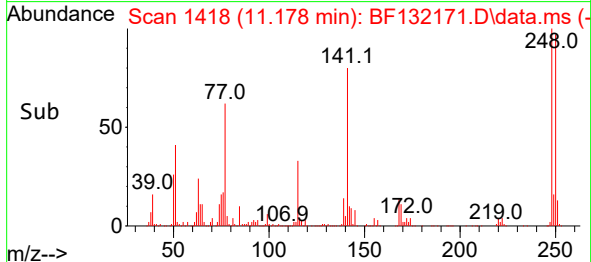
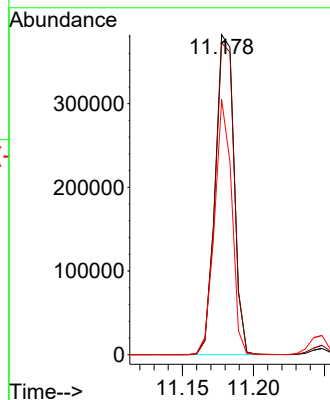
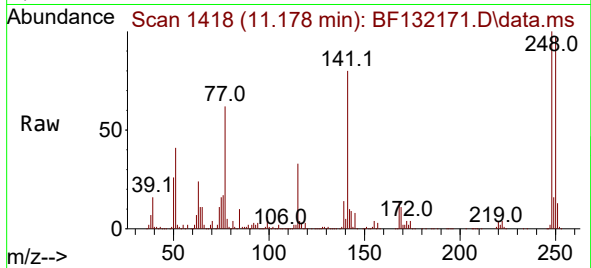




#67
4-Bromophenyl-phenylether
Concen: 38.746 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

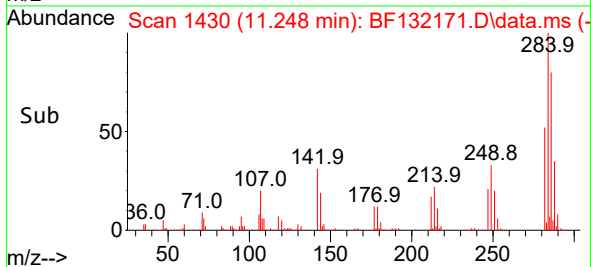
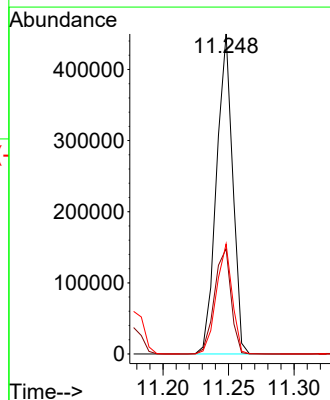
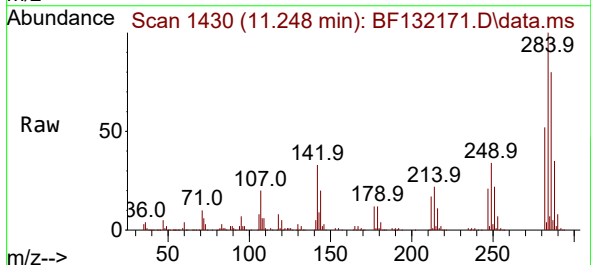
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

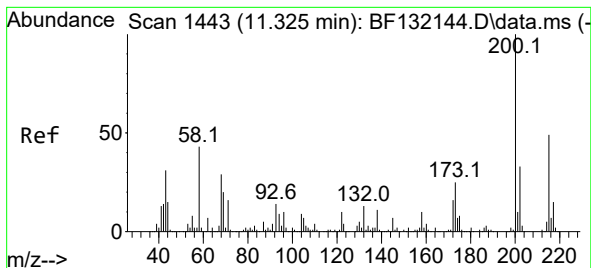
Tgt Ion:248 Resp: 353442
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 79.8 62.2 93.2



#68
Hexachlorobenzene
Concen: 42.496 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:284 Resp: 385274
Ion Ratio Lower Upper
284 100
142 32.9 24.7 37.1
249 34.4 25.6 38.4





#69

Atrazine

Concen: 46.723 ng

RT: 11.331 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

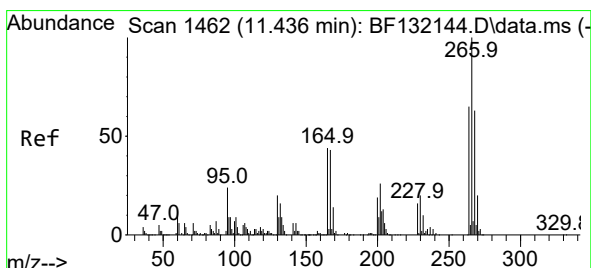
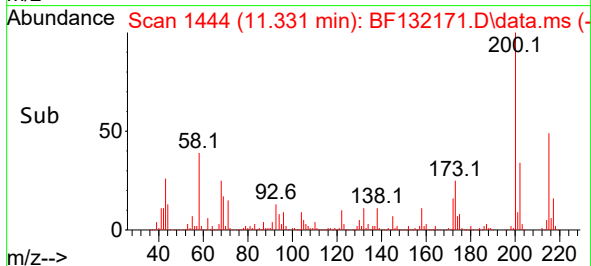
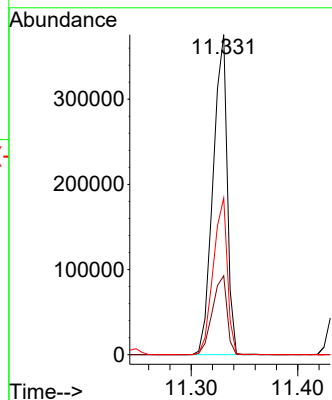
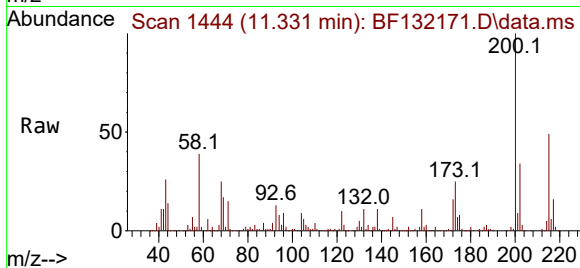
Tgt Ion:200 Resp: 345513

Ion Ratio Lower Upper

200 100

173 24.7 5.0 45.0

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 79.097 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

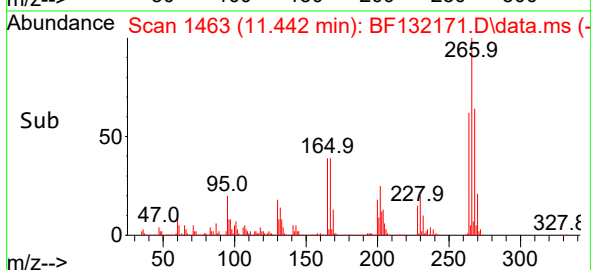
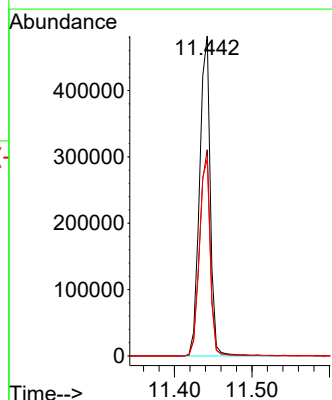
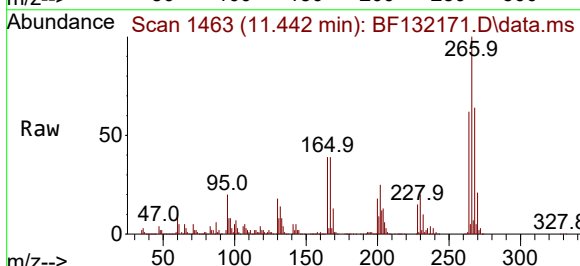
Tgt Ion:266 Resp: 460815

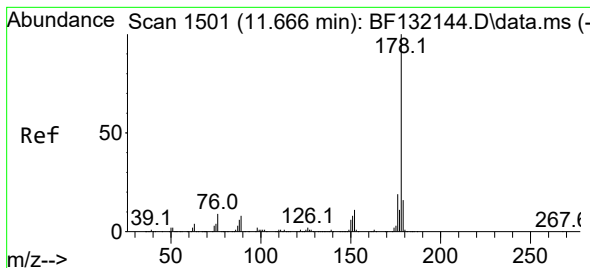
Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

264 61.5 52.3 78.5





#71

Phenanthrene

Concen: 39.721 ng

RT: 11.672 min Scan# 1502

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

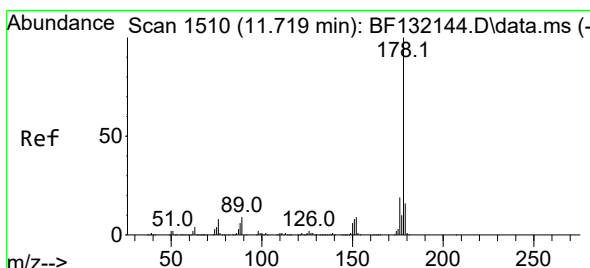
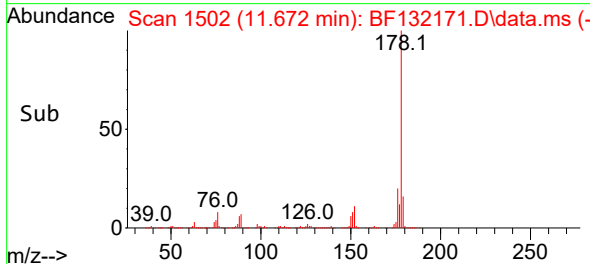
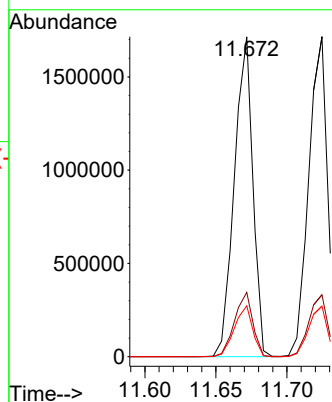
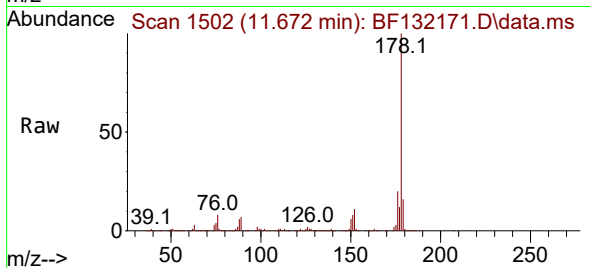
Tgt Ion:178 Resp: 1559992

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 15.9 12.6 19.0



#72

Anthracene

Concen: 39.698 ng

RT: 11.725 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

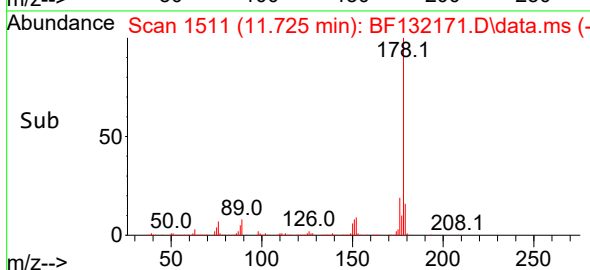
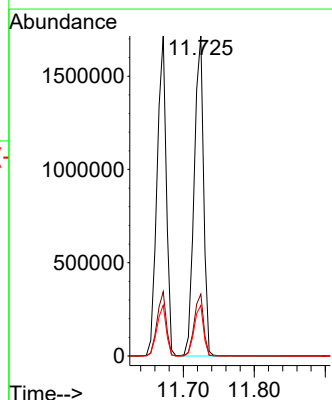
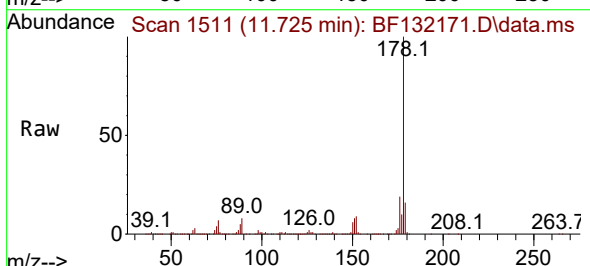
Tgt Ion:178 Resp: 1577300

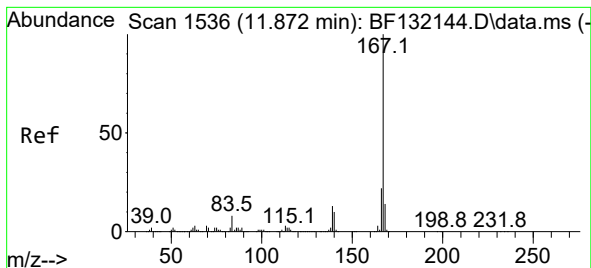
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.8 12.6 18.8





#73

Carbazole

Concen: 42.512 ng

RT: 11.872 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

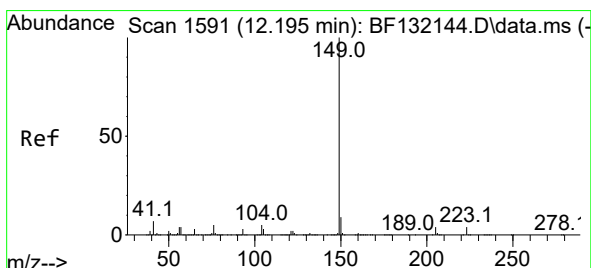
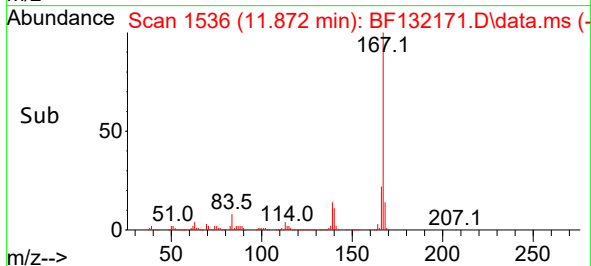
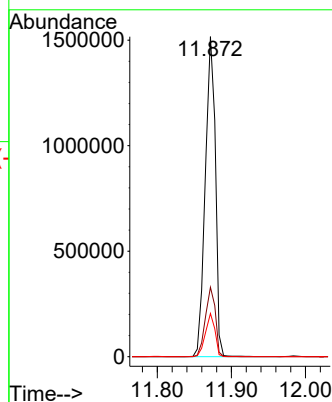
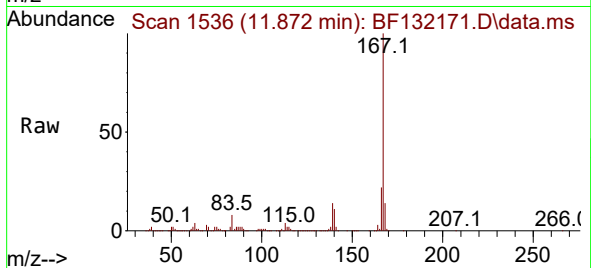
Tgt Ion:167 Resp: 1442821

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 13.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.273 ng

RT: 12.195 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

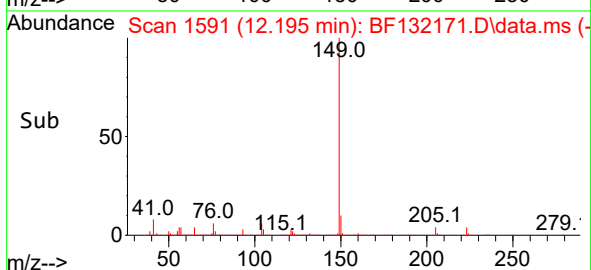
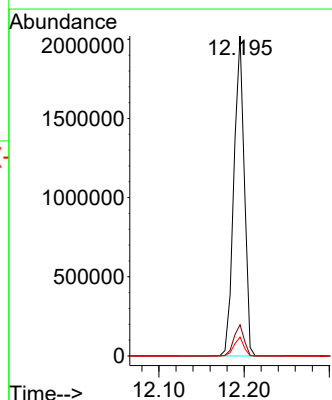
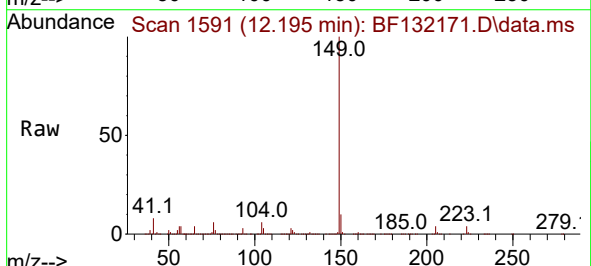
Tgt Ion:149 Resp: 1710479

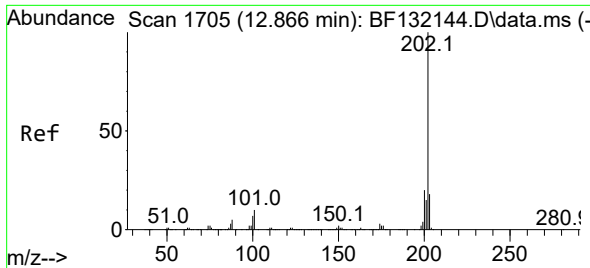
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.9 4.3 6.5

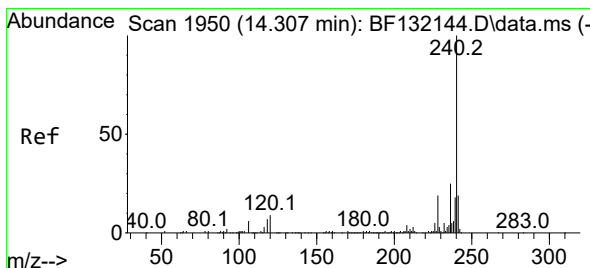
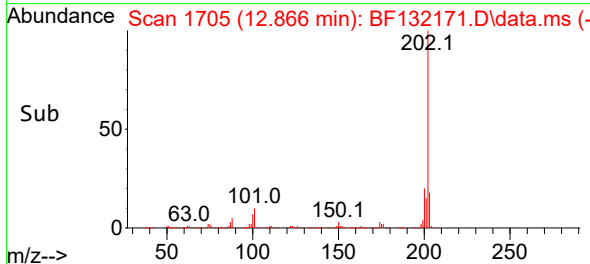
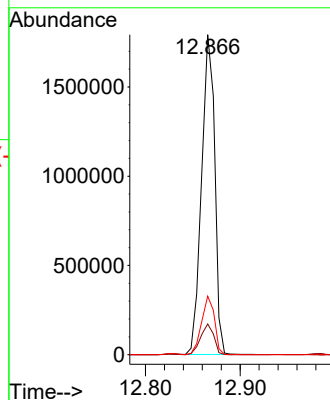
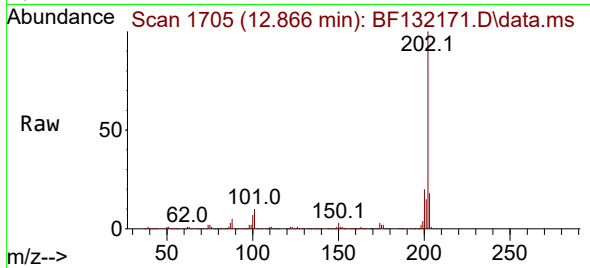




#75
Fluoranthene
Concen: 43.029 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

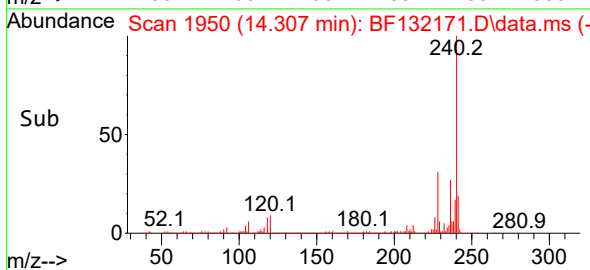
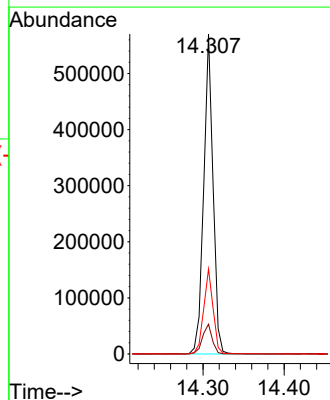
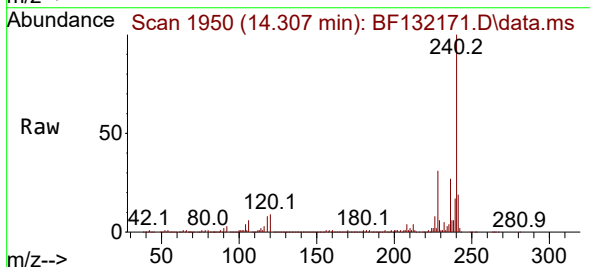
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

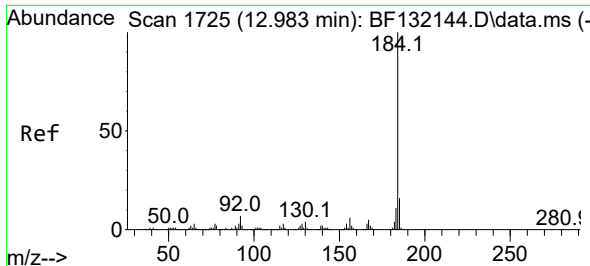
Tgt Ion:202 Resp: 1735889
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 18.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:240 Resp: 455426
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.6 20.3 30.5

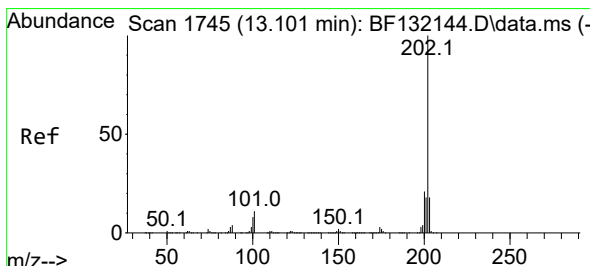
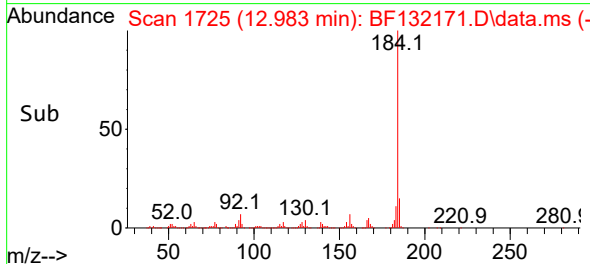
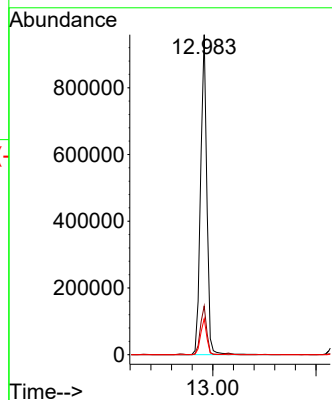
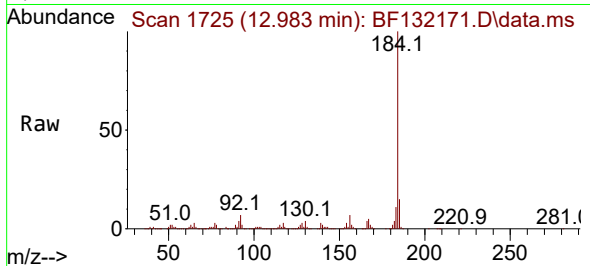




#77
Benzidine
Concen: 58.456 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

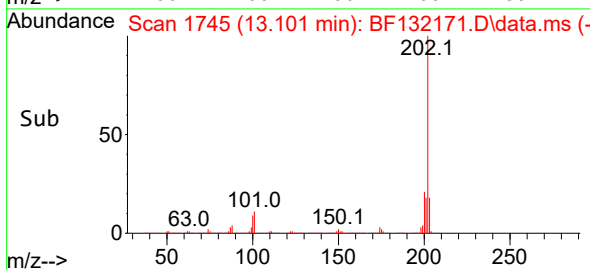
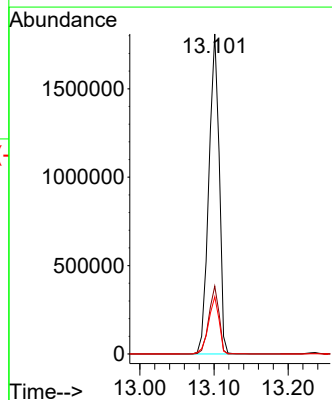
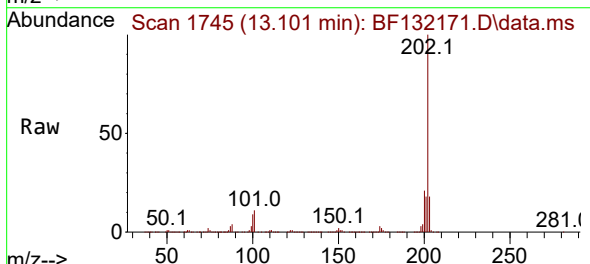
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

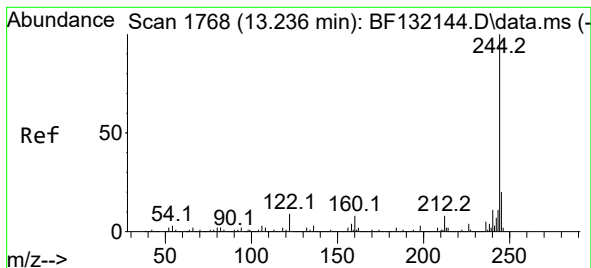
Tgt Ion:184 Resp: 799320
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 11.3 9.0 13.4



#78
Pyrene
Concen: 41.870 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:202 Resp: 1757363
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 73.630 ng

RT: 13.236 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

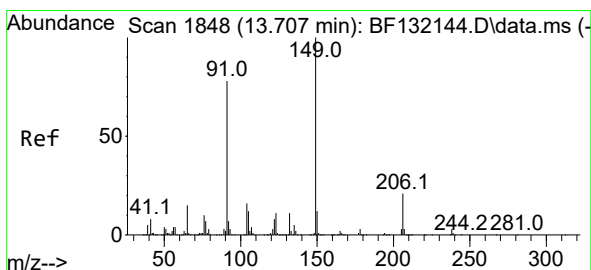
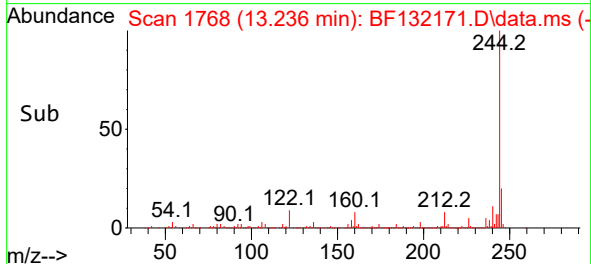
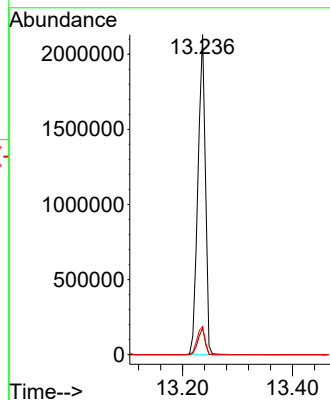
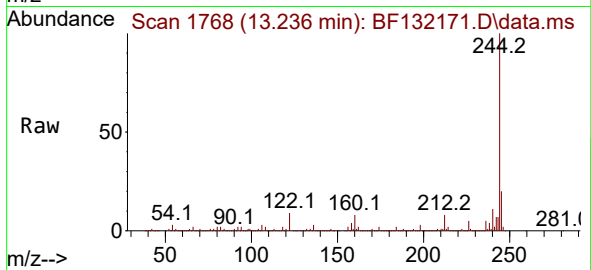
Tgt Ion:244 Resp: 2001844

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 8.8 7.4 11.2



#80

Butylbenzylphthalate

Concen: 49.332 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

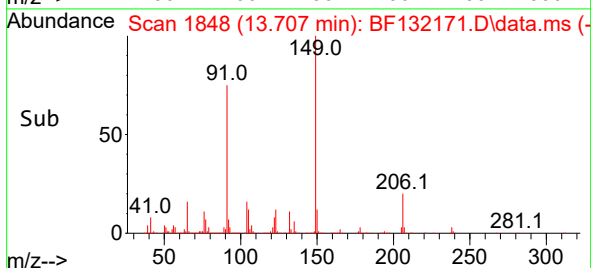
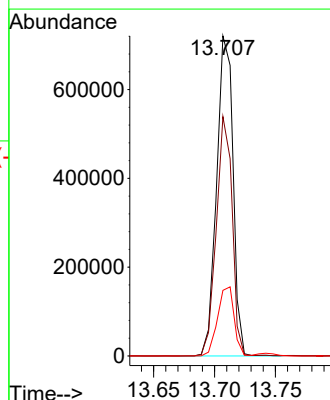
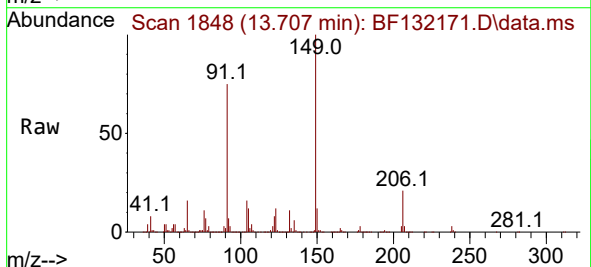
Tgt Ion:149 Resp: 675729

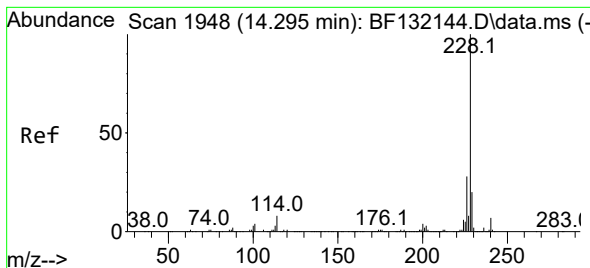
Ion Ratio Lower Upper

149 100

91 74.8 62.6 94.0

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 42.739 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

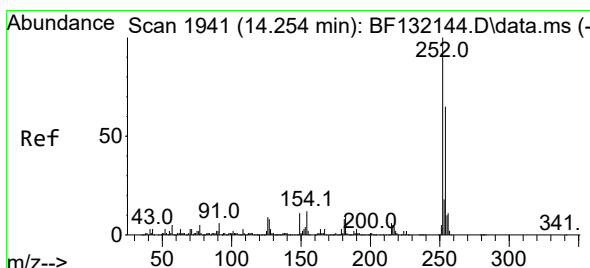
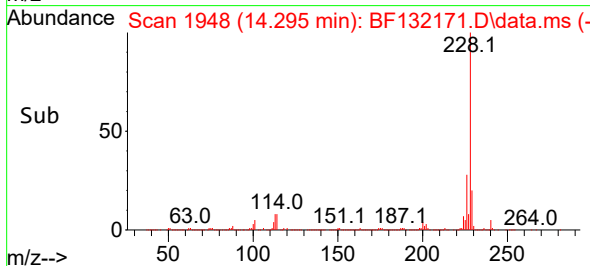
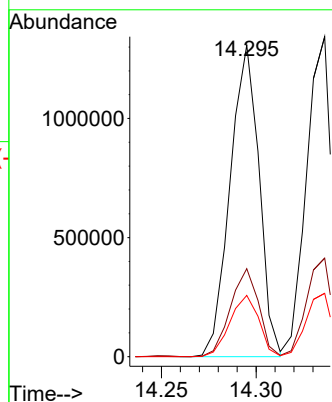
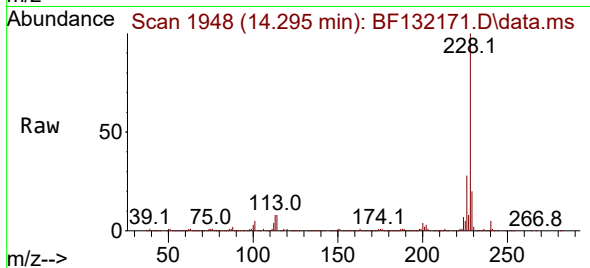
Tgt Ion:228 Resp: 1390528

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 21.334 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

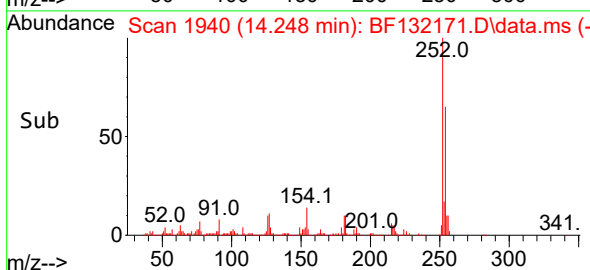
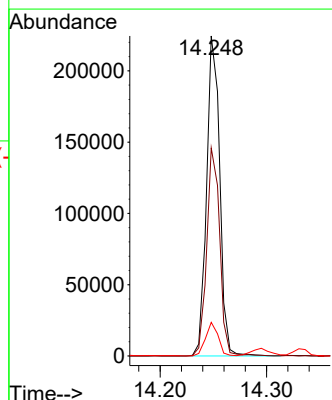
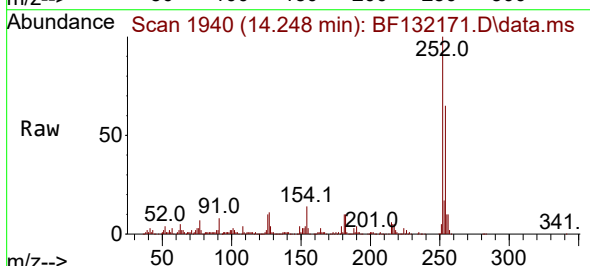
Tgt Ion:252 Resp: 193310

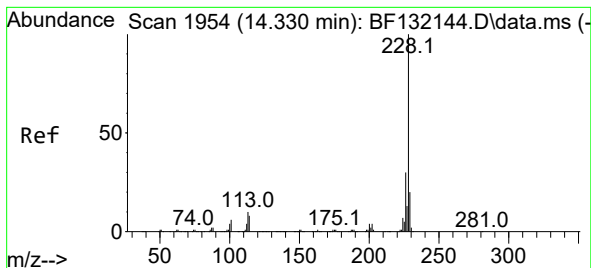
Ion Ratio Lower Upper

252 100

254 65.0 52.4 78.6

126 10.5 7.0 10.6





#83

Chrysene

Concen: 40.430 ng

RT: 14.336 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

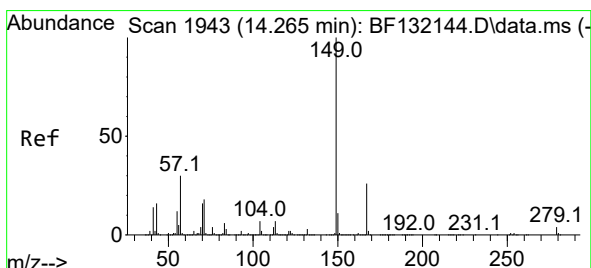
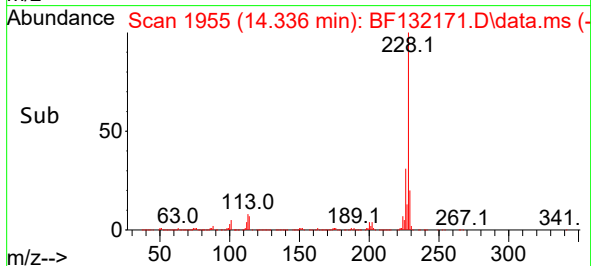
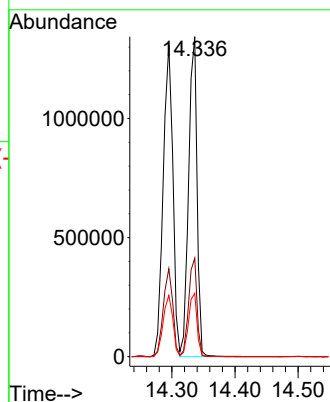
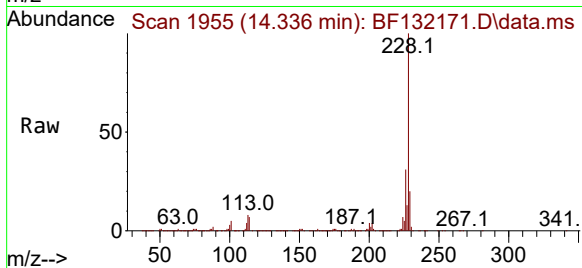
Tgt Ion:228 Resp: 1252100

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.641 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

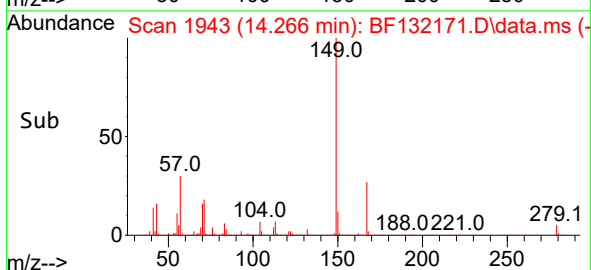
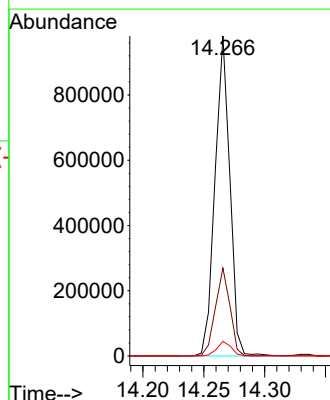
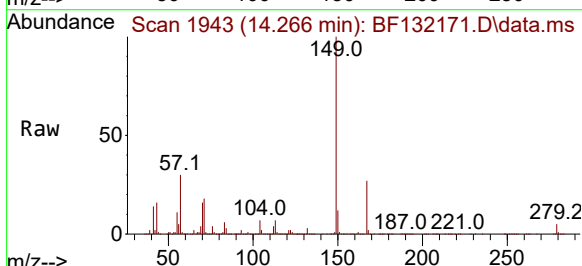
Tgt Ion:149 Resp: 832524

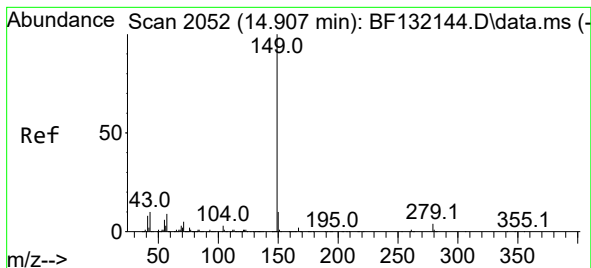
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.146 ng

RT: 14.901 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

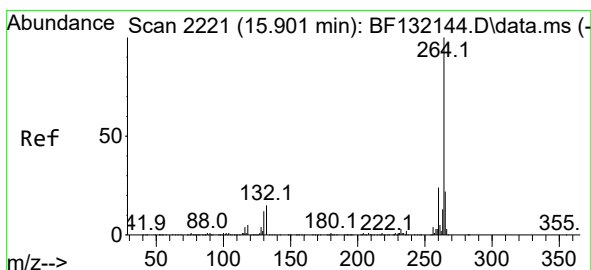
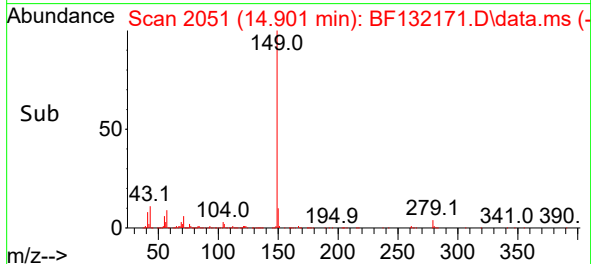
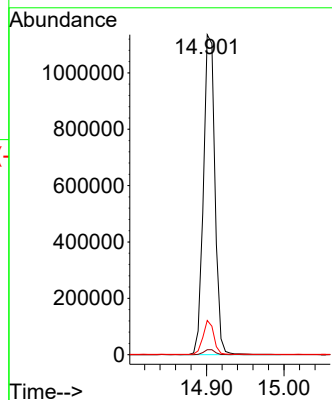
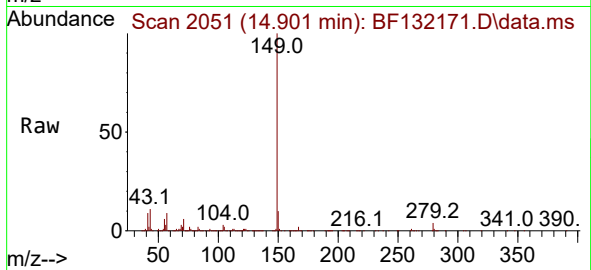
Tgt Ion:149 Resp: 1168376

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 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: BF132171.D

Acq: 20 Jan 2023 20:35

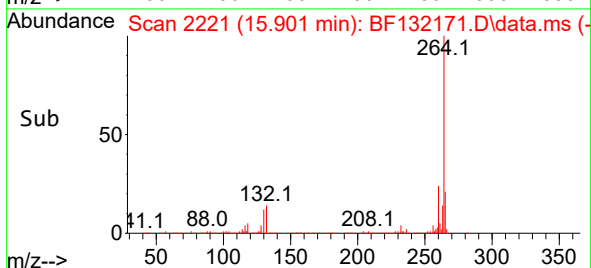
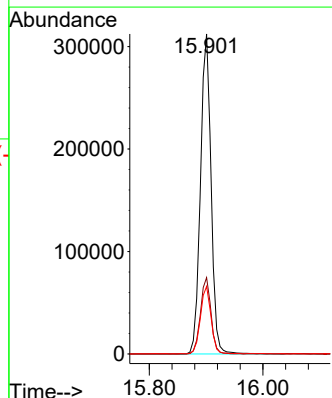
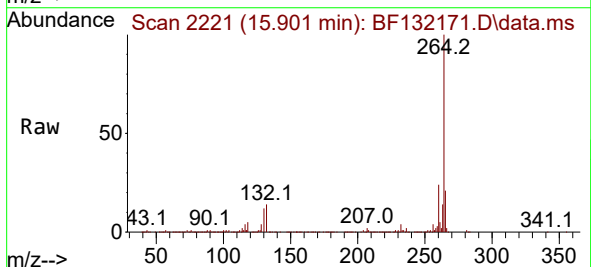
Tgt Ion:264 Resp: 405760

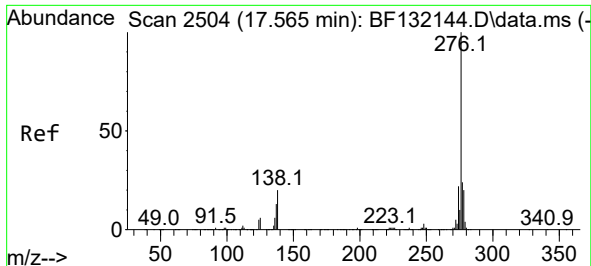
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.1 17.4 26.0

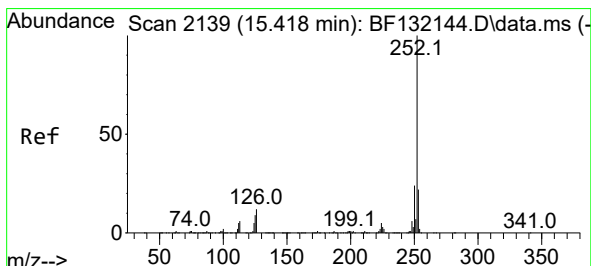
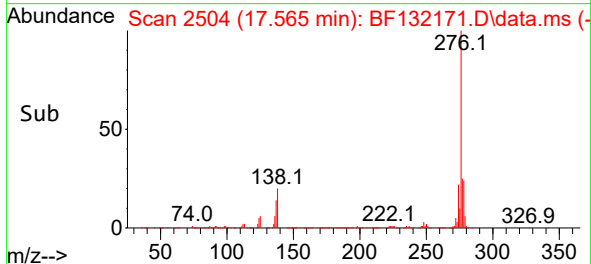
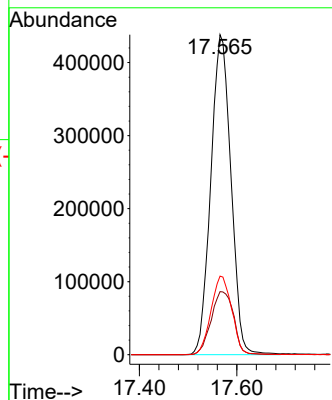
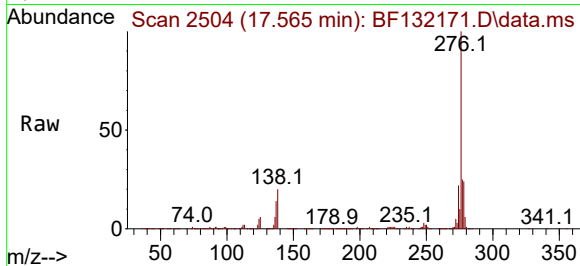




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.311 ng
 RT: 17.565 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

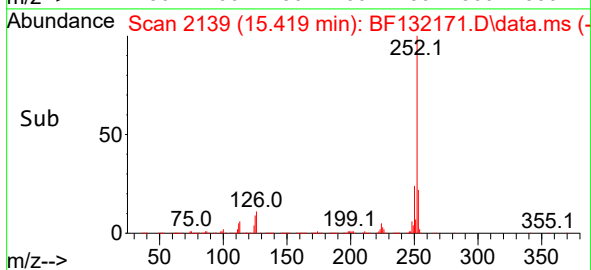
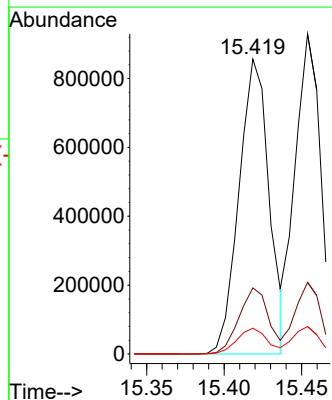
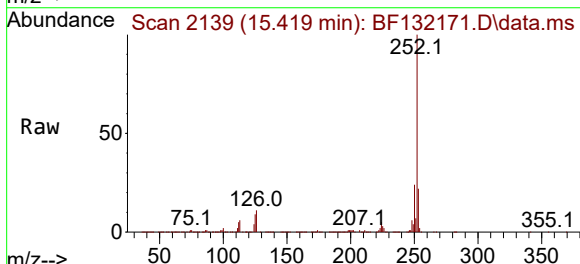
Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

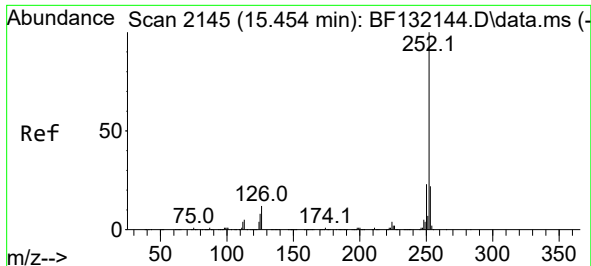
Tgt Ion:276 Resp: 1255979
 Ion Ratio Lower Upper
 276 100
 138 22.1 17.9 26.9
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.854 ng
 RT: 15.419 min Scan# 2139
 Delta R.T. 0.001 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Tgt Ion:252 Resp: 1157546
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.6
 125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 42.889 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

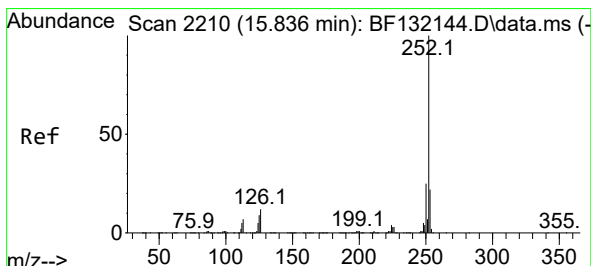
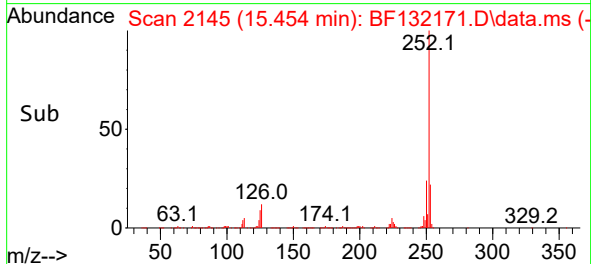
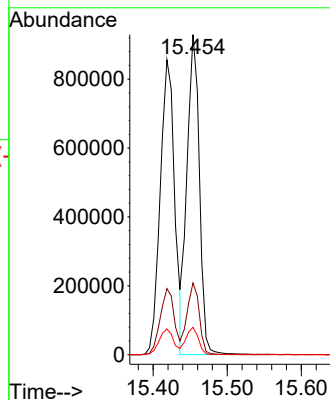
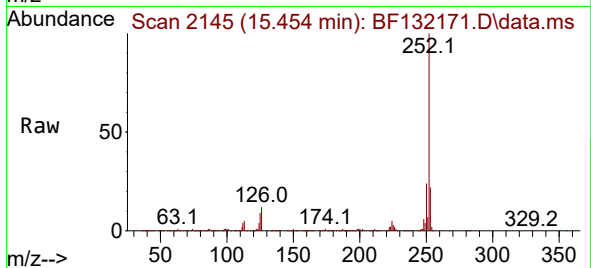
Tgt Ion:252 Resp: 1080629

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.5 6.4 9.6



#90

Benzo(a)pyrene

Concen: 41.772 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

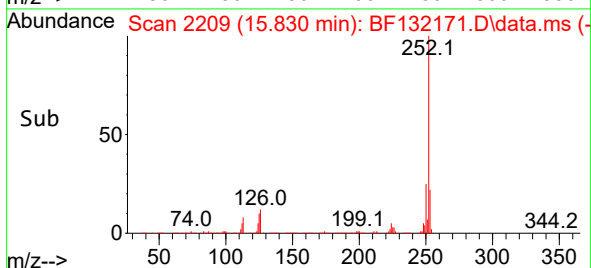
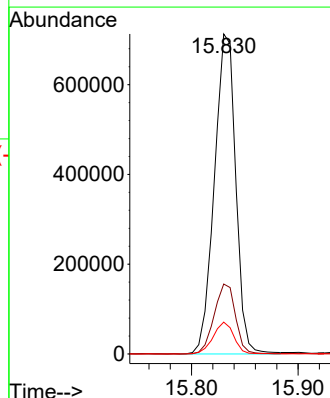
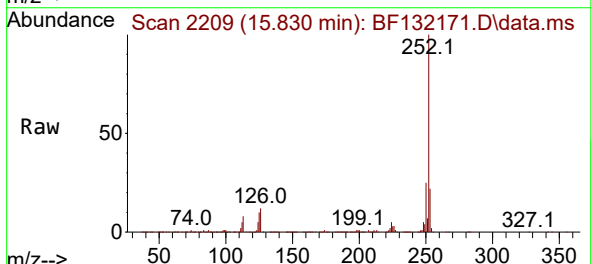
Tgt Ion:252 Resp: 992749

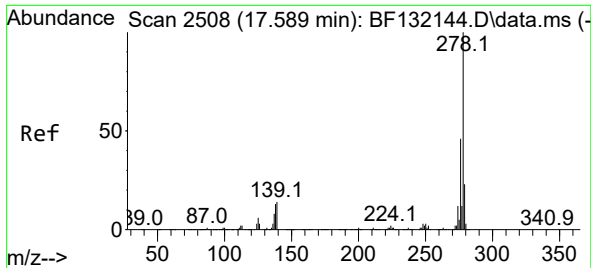
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.9 7.3 10.9

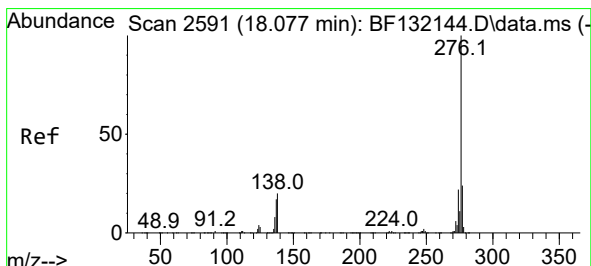
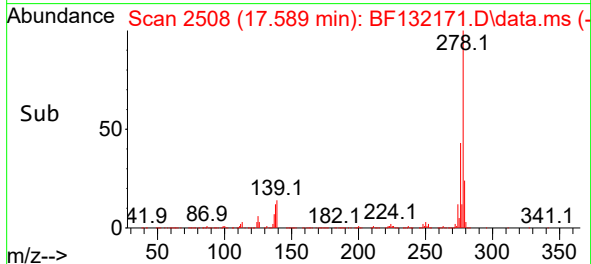
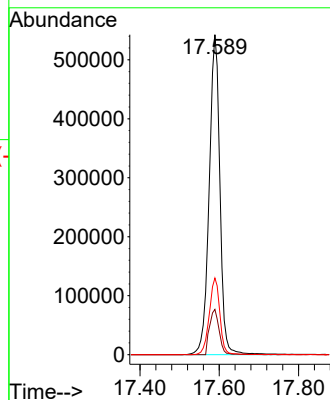
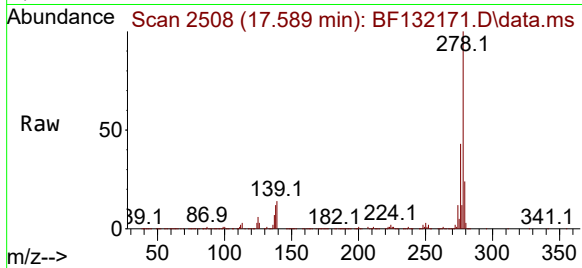




#91
 Dibenzo(a,h)anthracene
 Concen: 42.543 ng
 RT: 17.589 min Scan# 2508
 Delta R.T. -0.000 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

Tgt Ion:278 Resp: 1021621
 Ion Ratio Lower Upper
 278 100
 139 14.2 11.4 17.2
 279 23.9 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 38.992 ng
 RT: 18.083 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BF132171.D
 Acq: 20 Jan 2023 20:35

Tgt Ion:276 Resp: 1067741
 Ion Ratio Lower Upper
 276 100
 277 22.8 18.9 28.3
 138 18.6 15.7 23.5

