

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133771.D
 Acq On : 15 Jun 2023 12:59
 Operator : CG\JU
 Sample : 03167-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMS

Quant Time: Jun 15 13:40:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	102720	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	387120	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	180942	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	325306	20.000	ng	0.00
76) Chrysene-d12	13.998	240	194229	20.000	ng	-0.01
86) Perylene-d12	15.457	264	247199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	473089	80.179	ng	0.00
7) Phenol-d6	6.457	99	570192	74.241	ng	-0.01
23) Nitrobenzene-d5	7.392	82	377546	53.120	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	160472	70.063	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	682516	53.620	ng	0.00
79) Terphenyl-d14	12.939	244	570697	45.465	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	97085	37.426	ng	98
3) Pyridine	3.340	79	231298	30.592	ng	97
4) n-Nitrosodimethylamine	3.293	42	167354	40.043	ng	# 96
6) Aniline	6.492	93	321872	33.274	ng	98
8) 2-Chlorophenol	6.610	128	264246	42.496	ng	100
9) Benzaldehyde	6.381	77	147426	28.932	ng	100
10) Phenol	6.475	94	329327	41.064	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	250021	41.993	ng	99
12) 1,3-Dichlorobenzene	6.769	146	295686	44.506	ng	98
13) 1,4-Dichlorobenzene	6.845	146	300823	44.799	ng	98
14) 1,2-Dichlorobenzene	6.998	146	282787	46.607	ng	98
15) Benzyl Alcohol	6.969	79	239465	39.920	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	449893	44.577	ng	100
17) 2-Methylphenol	7.081	107	216695	39.317	ng	99
18) Hexachloroethane	7.339	117	110402	48.026	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	187879	38.448	ng	96
20) 3+4-Methylphenols	7.234	107	265134	36.980	ng	97
22) Acetophenone	7.239	105	363760	40.969	ng	# 96
24) Nitrobenzene	7.416	77	290828	40.637	ng	97
25) Isophorone	7.651	82	513702	39.369	ng	100
26) 2-Nitrophenol	7.728	139	145990	45.453	ng	99
27) 2,4-Dimethylphenol	7.763	122	226569	40.927	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	301950	40.038	ng	98
29) 2,4-Dichlorophenol	7.969	162	217175	40.027	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	232808	41.126	ng	97
31) Naphthalene	8.139	128	755000	40.031	ng	100
32) Benzoic acid	7.875	122	158961	45.529	ng	91
33) 4-Chloroaniline	8.181	127	187442	23.243	ng	99
34) Hexachlorobutadiene	8.251	225	147046	39.675	ng	98
35) Caprolactam	8.557	113	54390	29.791	ng	91
36) 4-Chloro-3-methylphenol	8.663	107	233027	37.260	ng	99
37) 2-Methylnaphthalene	8.828	142	501096	38.239	ng	100
38) 1-Methylnaphthalene	8.928	142	468230	38.829	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	239513	43.542	ng	98
41) Hexachlorocyclopentadiene	8.980	237	281861	114.983	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	148129	40.298	ng	98

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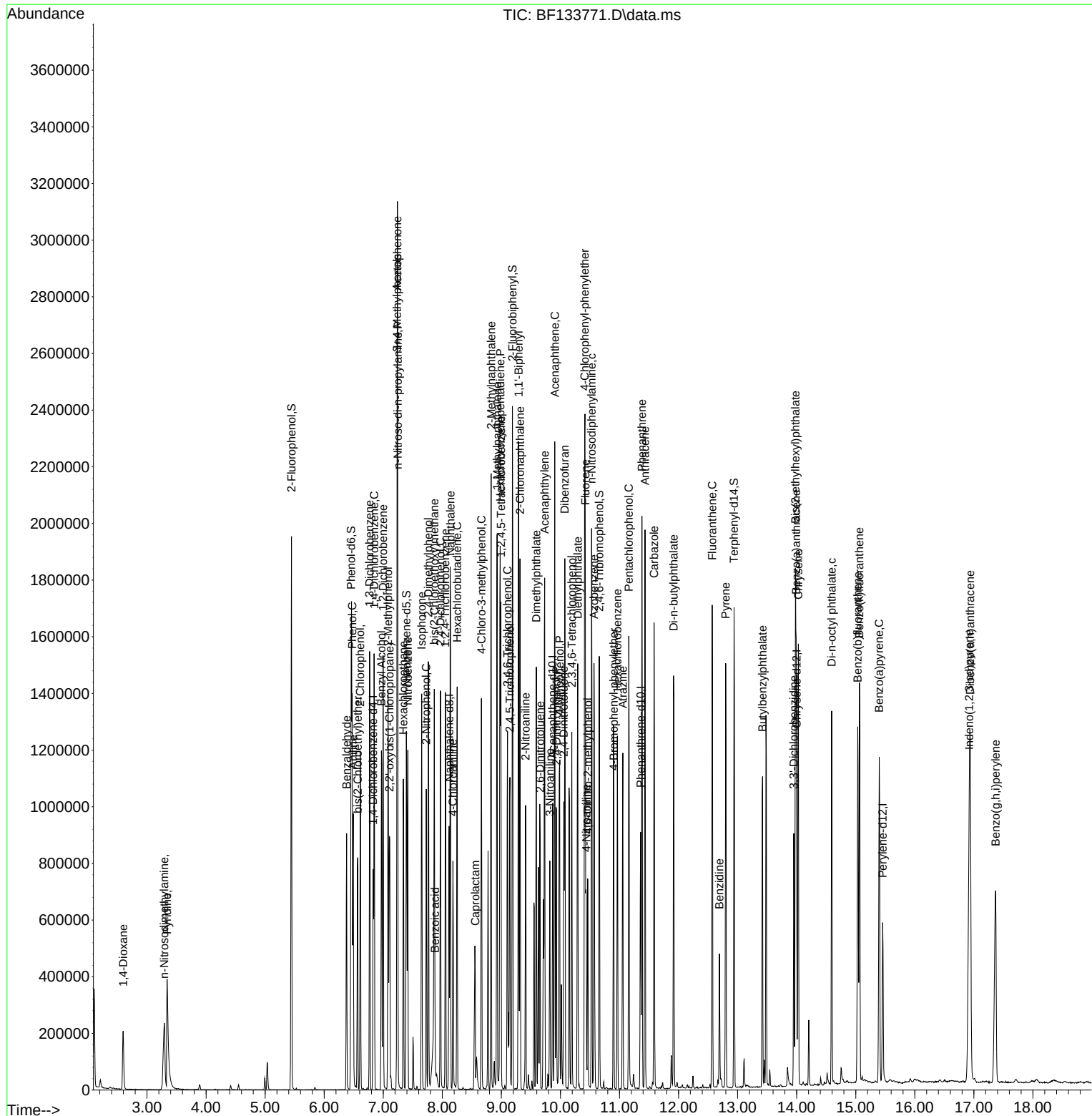
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	160079	37.433	ng	95
46) 1,1'-Biphenyl	9.292	154	620224	42.501	ng	99
47) 2-Chloronaphthalene	9.316	162	450423	43.029	ng	100
48) 2-Nitroaniline	9.410	65	152890	39.936	ng	95
49) Acenaphthylene	9.733	152	744390	40.857	ng	99
50) Dimethylphthalate	9.592	163	514862	38.121	ng	100
51) 2,6-Dinitrotoluene	9.657	165	113276	40.634	ng	98
52) Acenaphthene	9.904	154	440440	41.300	ng	99
53) 3-Nitroaniline	9.822	138	101061	29.790	ng	87
54) 2,4-Dinitrophenol	9.933	184	124735	90.738	ng	94
55) Dibenzofuran	10.075	168	660842	40.610	ng	98
56) 4-Nitrophenol	9.986	139	183124	79.982	ng	93
57) 2,4-Dinitrotoluene	10.057	165	145474	41.031	ng	99
58) Fluorene	10.422	166	500494	40.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	135167	42.217	ng	99
60) Diethylphthalate	10.292	149	511481	37.210	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	239606	39.002	ng	98
62) 4-Nitroaniline	10.439	138	120810	36.320	ng	98
63) Azobenzene	10.569	77	534473	41.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	79148	50.916	ng	# 76
66) n-Nitrosodiphenylamine	10.527	169	440333	40.297	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	131851	36.314	ng	91
68) Hexachlorobenzene	10.963	284	150846	39.508	ng	99
69) Atrazine	11.057	200	122882	38.758	ng	98
70) Pentachlorophenol	11.157	266	163832	71.658	ng	97
71) Phenanthrene	11.380	178	696305	42.189	ng	99
72) Anthracene	11.433	178	697532	40.533	ng	99
73) Carbazole	11.586	167	631915	39.426	ng	99
74) Di-n-butylphthalate	11.916	149	732469	35.648	ng	99
75) Fluoranthene	12.569	202	680952	38.853	ng	98
77) Benzidine	12.692	184	175942	26.995	ng	99
78) Pyrene	12.798	202	615333	34.009	ng	100
80) Butylbenzylphthalate	13.421	149	254774	33.355	ng	96
81) Benzo(a)anthracene	13.992	228	548762	40.846	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	168786	37.789	ng	# 99
83) Chrysene	14.027	228	514887	40.520	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	326334	34.698	ng	99
85) Di-n-octyl phthalate	14.592	149	573837	42.936	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	828162	48.696	ng	99
88) Benzo(b)fluoranthene	15.033	252	642702	42.800	ng	98
89) Benzo(k)fluoranthene	15.062	252	566852	38.752	ng	99
90) Benzo(a)pyrene	15.398	252	571113	40.980	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	653836	46.439	ng	98
92) Benzo(g,h,i)perylene	17.368	276	595751	42.677	ng	99

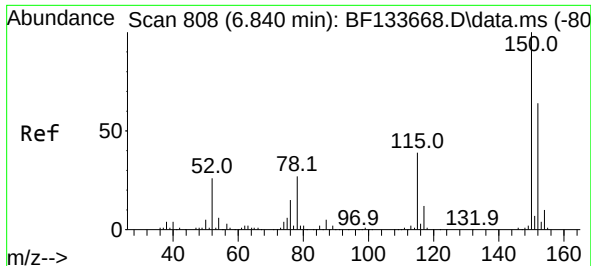
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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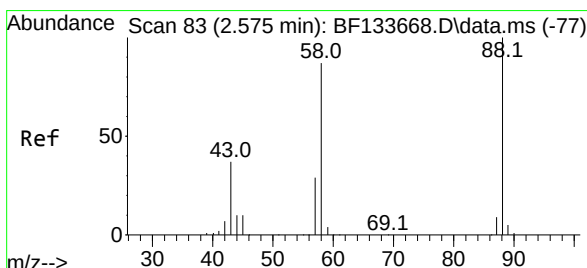
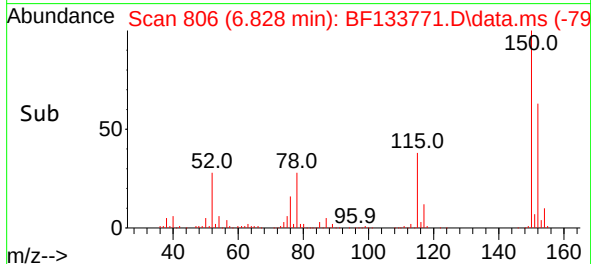
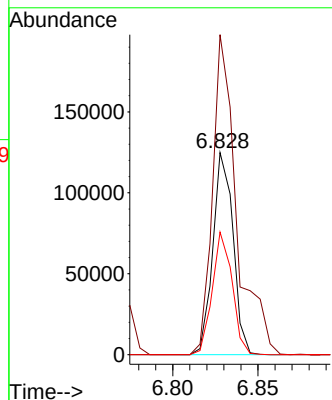
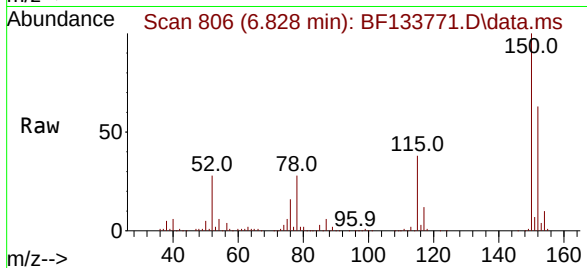




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133771.D
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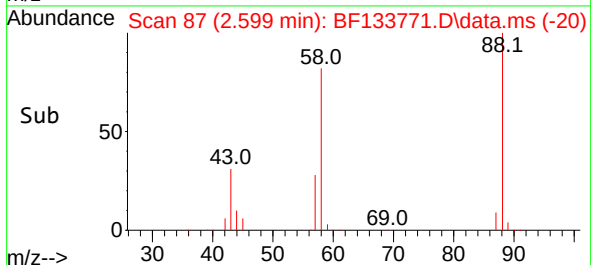
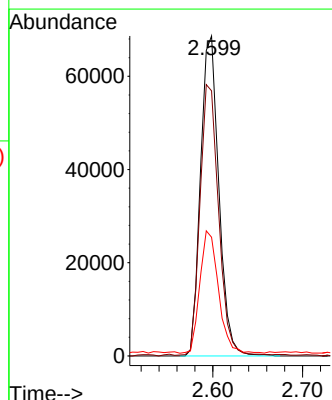
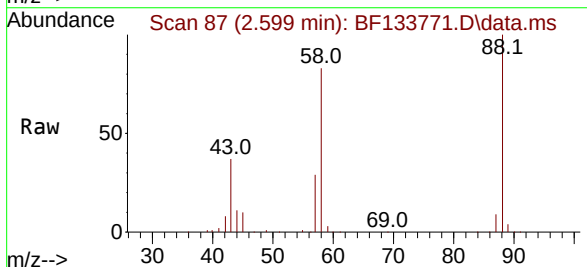
Instrument :
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 TP-4-GAMS

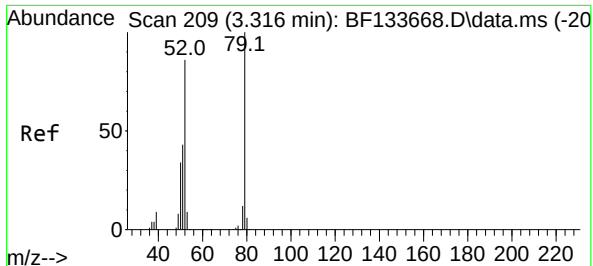
Tgt Ion:152 Resp: 102720
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.3 186.5
 115 60.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 37.426 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.047 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

Tgt Ion: 88 Resp: 97085
 Ion Ratio Lower Upper
 88 100
 58 85.7 67.8 101.6
 43 38.9 29.8 44.6

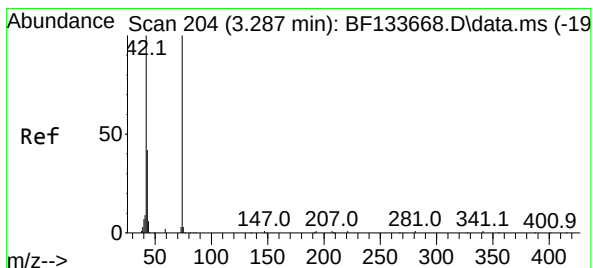
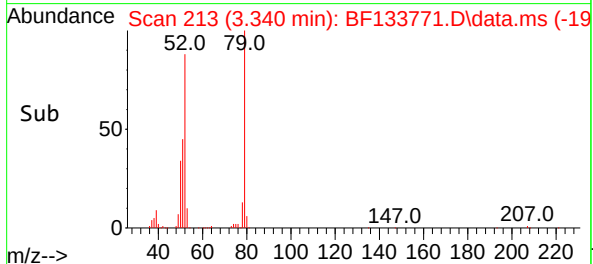
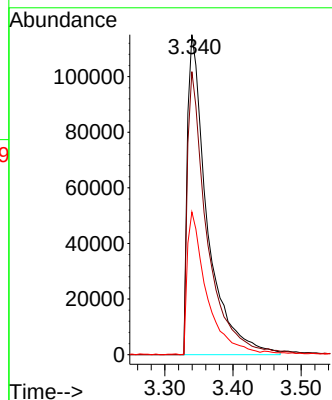
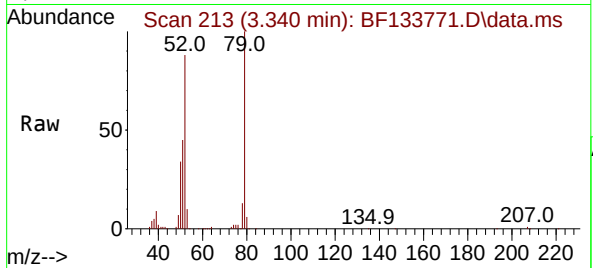




#3
Pyridine
Concen: 30.592 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

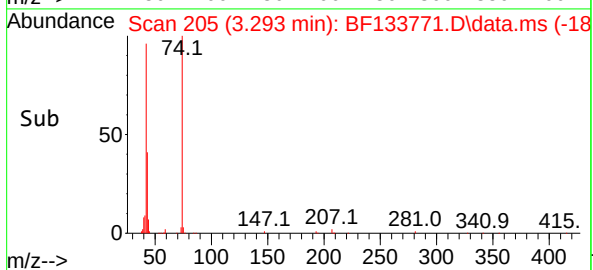
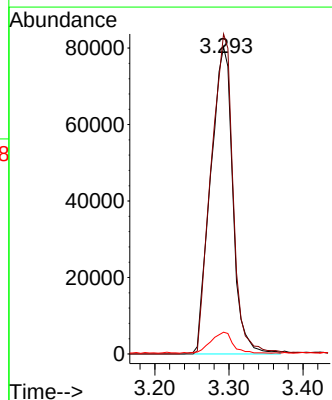
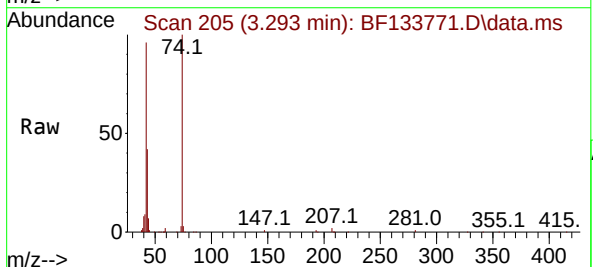
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TP-4-GAMS

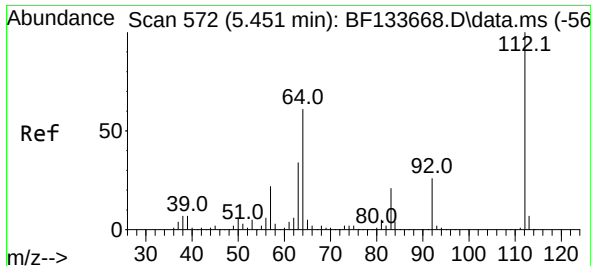
Tgt Ion: 79 Resp: 231298
Ion Ratio Lower Upper
79 100
52 88.4 68.6 102.8
51 44.6 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 40.043 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.035 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 42 Resp: 167354
Ion Ratio Lower Upper
42 100
74 104.3 79.8 119.8
44 7.1 4.7 7.1#

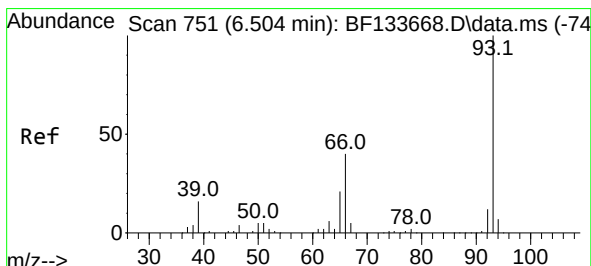
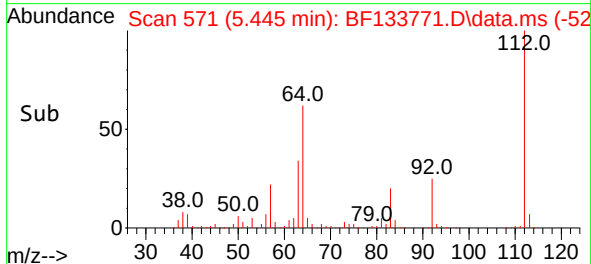
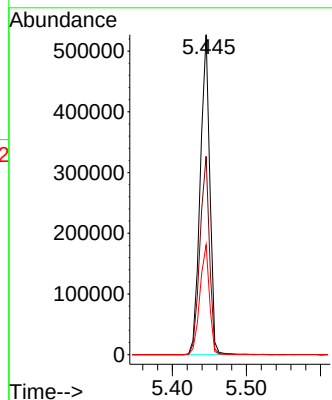
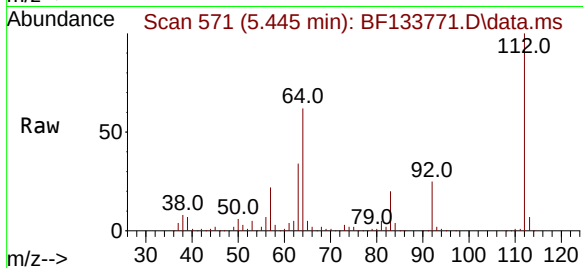




#5
2-Fluorophenol
Concen: 80.179 ng
RT: 5.445 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

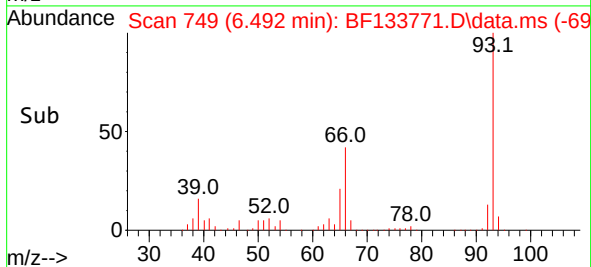
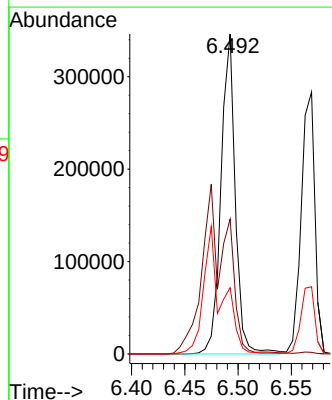
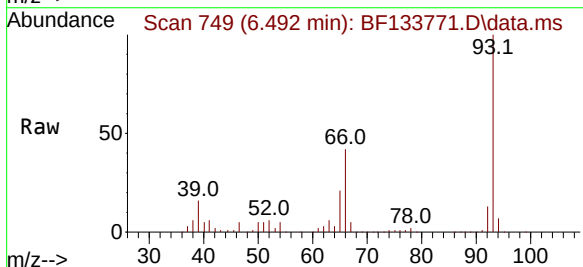
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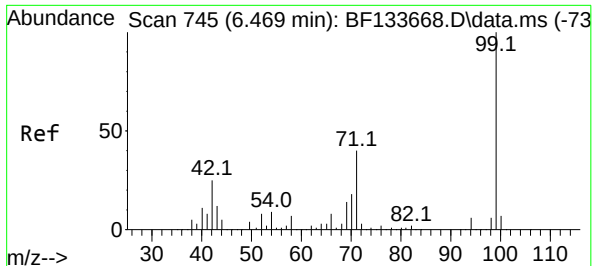
Tgt Ion:112 Resp: 473089
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.4
63 34.3 26.8 40.2



#6
Aniline
Concen: 33.274 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 93 Resp: 321872
Ion Ratio Lower Upper
93 100
66 42.2 34.4 51.6
65 20.7 17.5 26.3

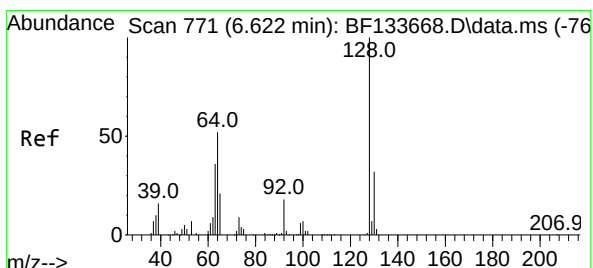
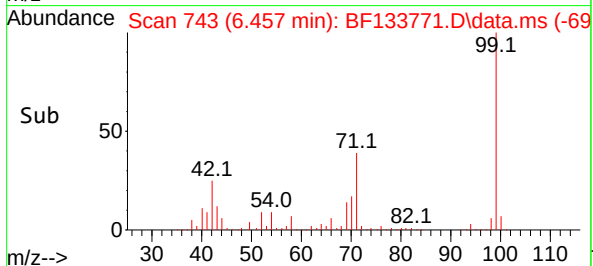
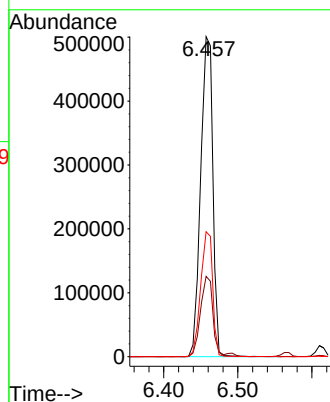
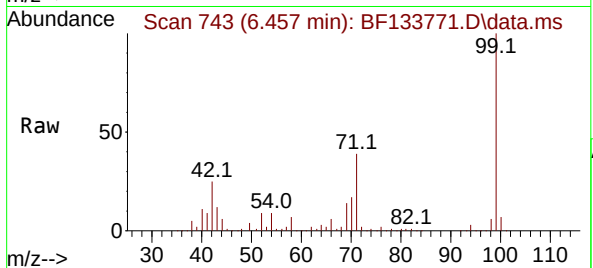




#7
Phenol-d6
Concen: 74.241 ng
RT: 6.457 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

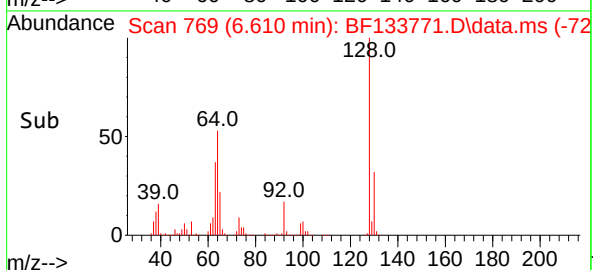
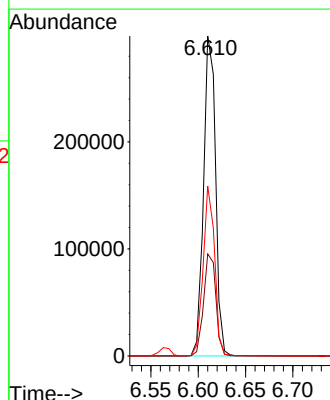
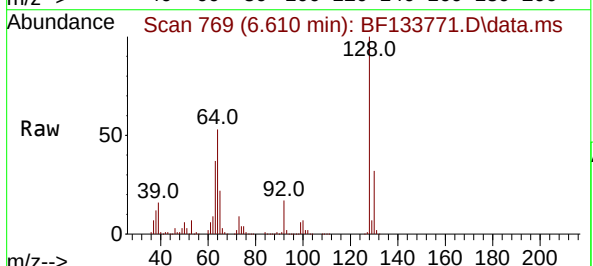
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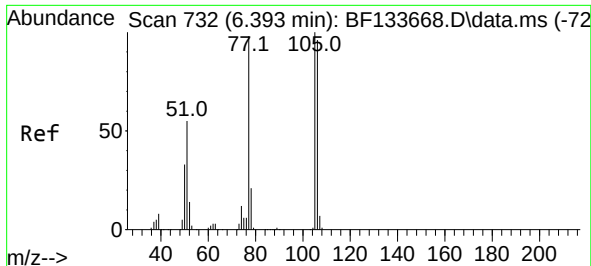
Tgt Ion: 99 Resp: 570192
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 39.1 32.2 48.4



#8
2-Chlorophenol
Concen: 42.496 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 128 Resp: 264246
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 53.1 33.1 73.1





#9

Benzaldehyde

Concen: 28.932 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

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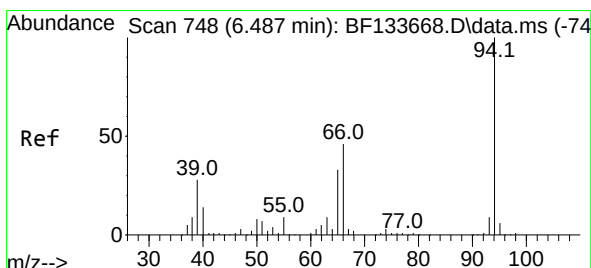
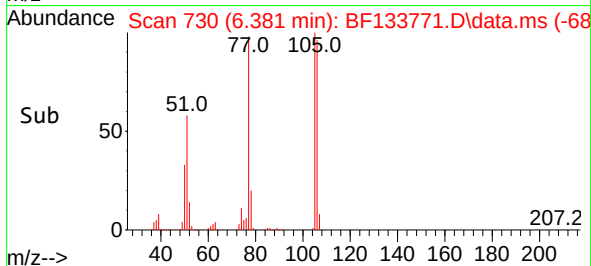
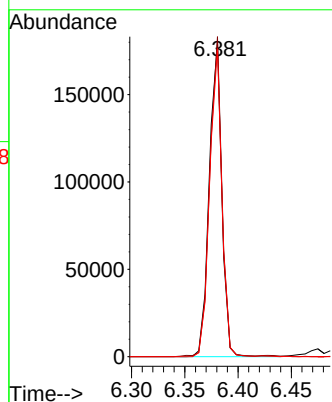
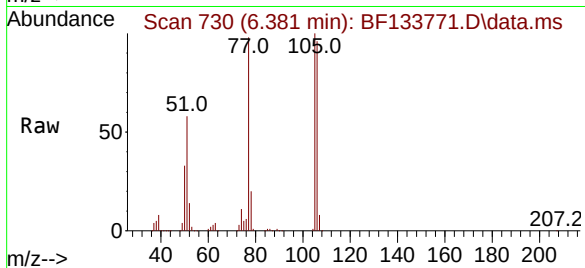
Tgt Ion: 77 Resp: 147426

Ion Ratio Lower Upper

77 100

105 101.7 82.0 122.0

106 97.9 77.6 117.6



#10

Phenol

Concen: 41.064 ng

RT: 6.475 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133771.D

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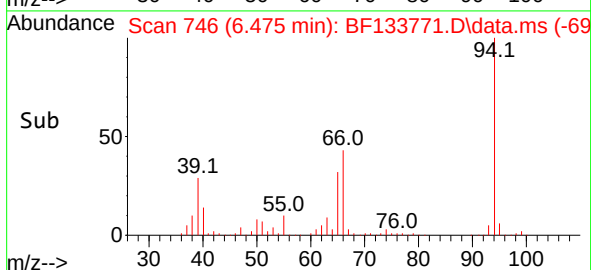
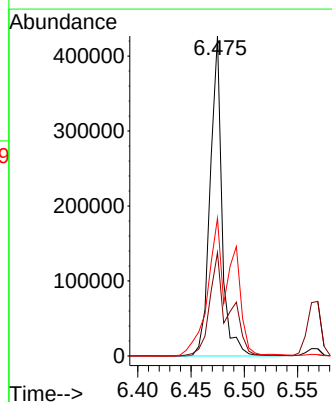
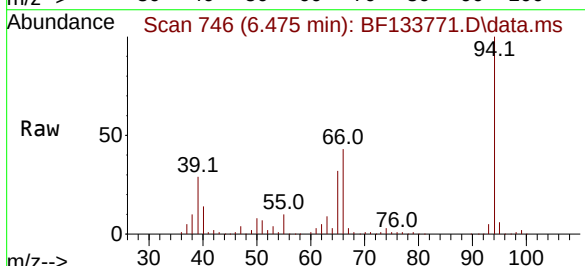
Tgt Ion: 94 Resp: 329327

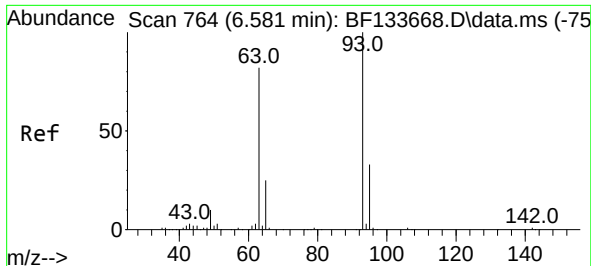
Ion Ratio Lower Upper

94 100

65 32.3 13.2 53.2

66 43.1 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 41.993 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

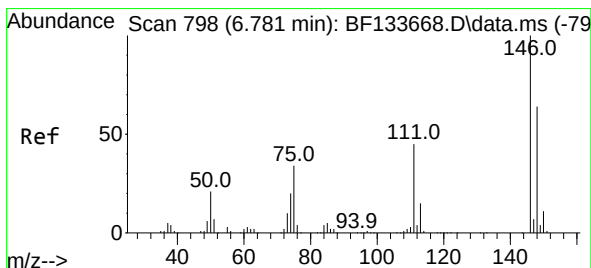
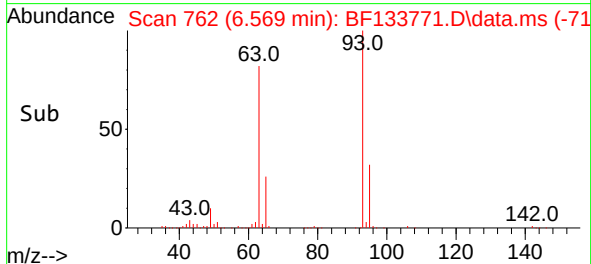
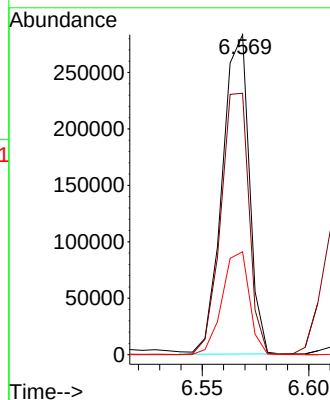
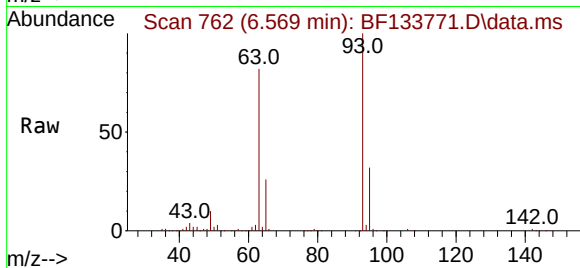
Tgt Ion: 93 Resp: 250021

Ion Ratio Lower Upper

93 100

63 81.7 62.1 102.1

95 32.2 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 44.506 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

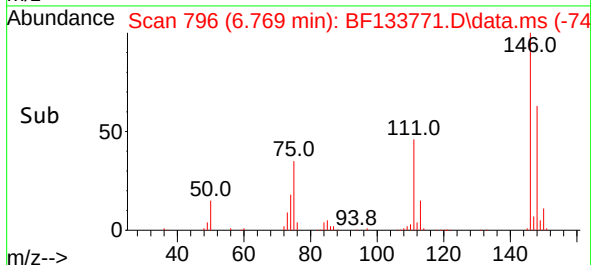
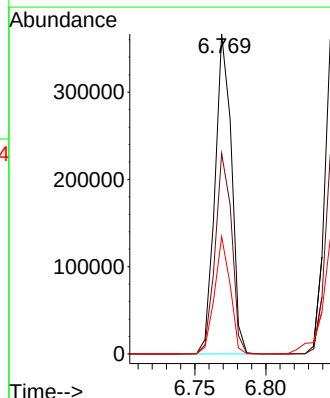
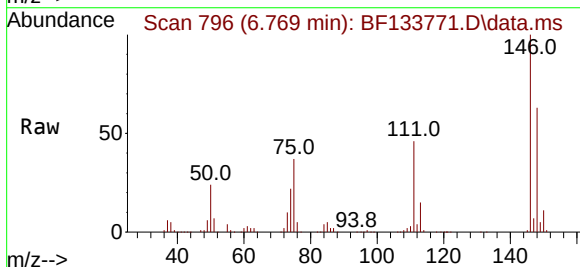
Tgt Ion:146 Resp: 295686

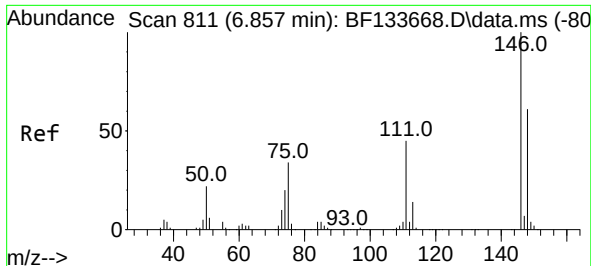
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

75 36.7 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 44.799 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

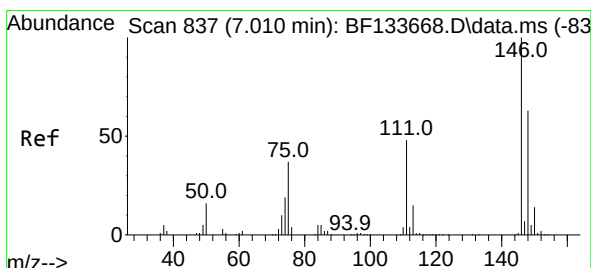
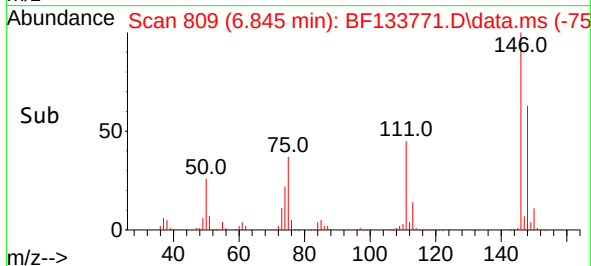
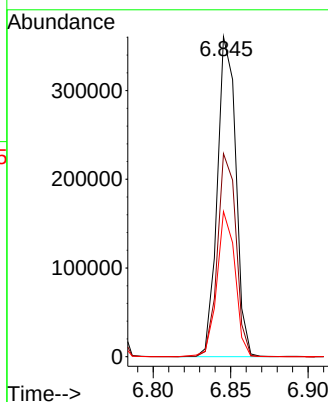
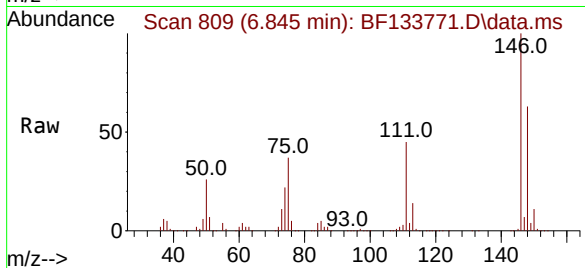
Tgt Ion:146 Resp: 300823

Ion Ratio Lower Upper

146 100

148 63.4 48.9 73.3

111 45.4 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 46.607 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

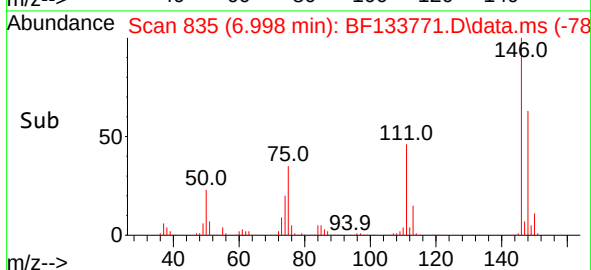
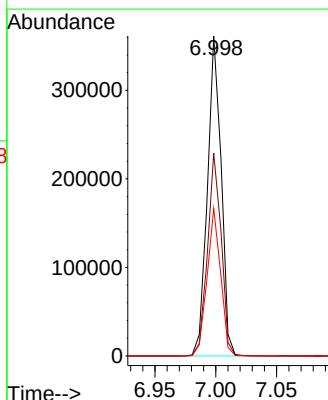
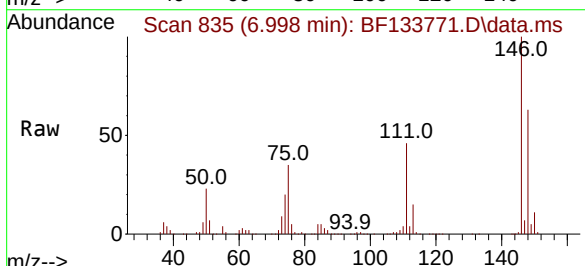
Tgt Ion:146 Resp: 282787

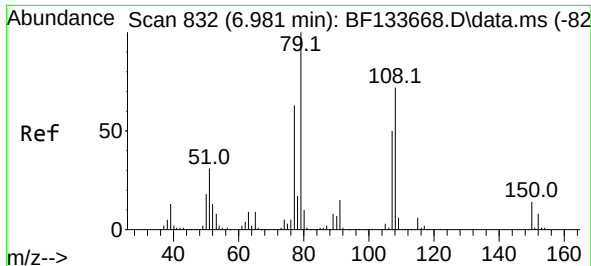
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

111 46.2 38.7 58.1

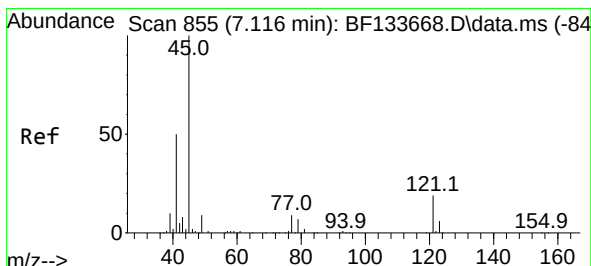
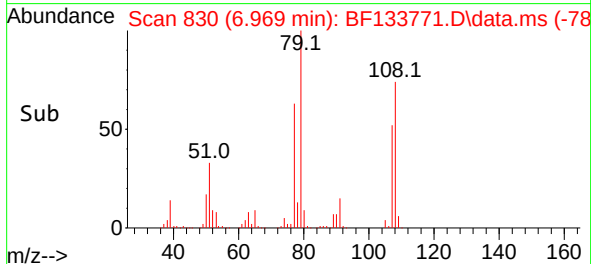
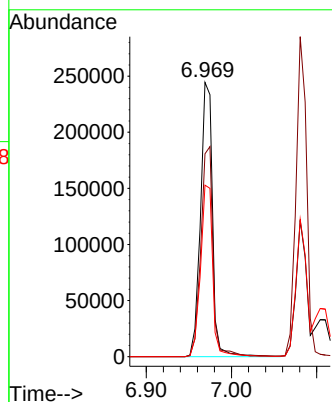
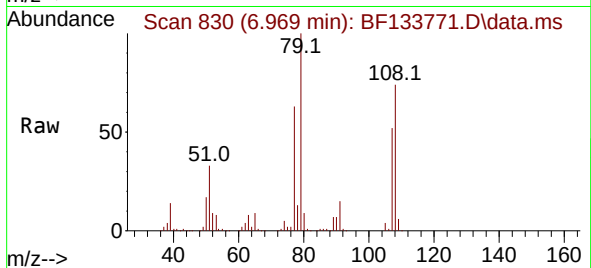




#15
Benzyl Alcohol
Concen: 39.920 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

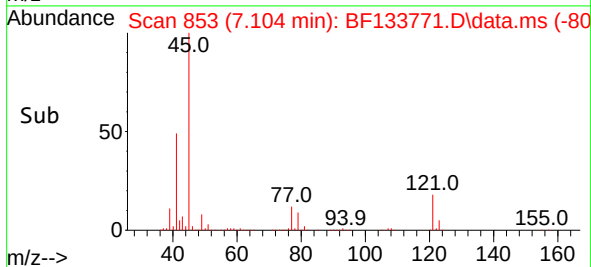
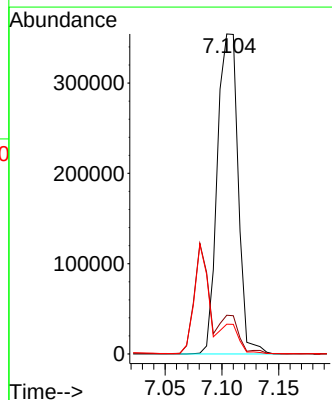
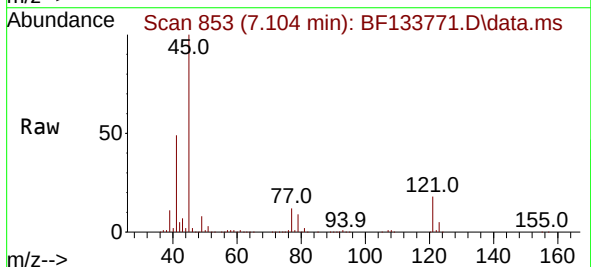
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

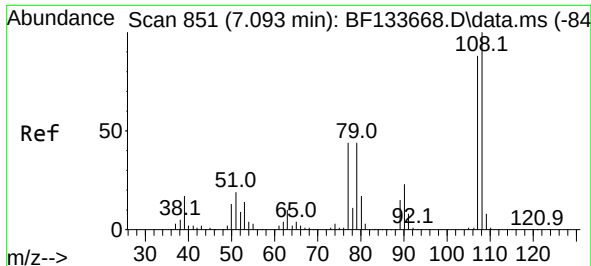
Tgt Ion: 79 Resp: 239465
Ion Ratio Lower Upper
79 100
108 74.0 57.9 86.9
77 62.5 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.577 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 45 Resp: 449893
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.3
79 9.3 0.0 29.4

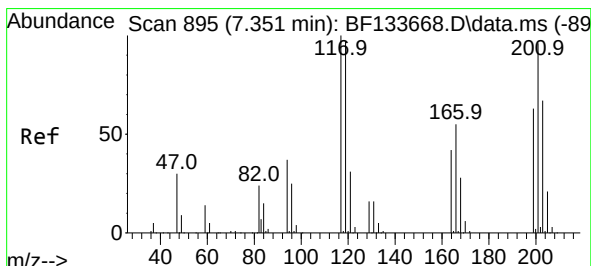
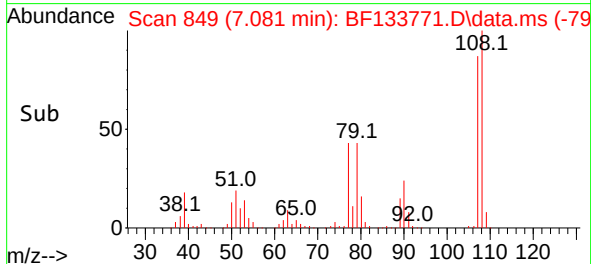
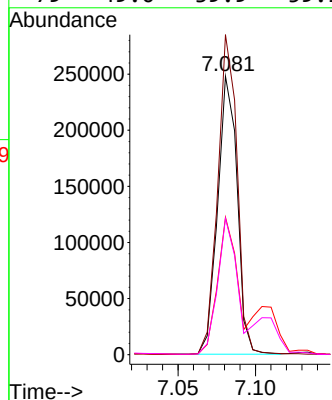
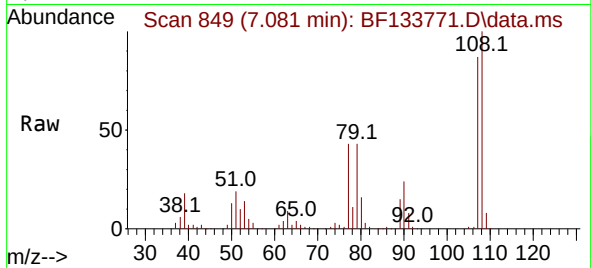




#17
2-Methylphenol
Concen: 39.317 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

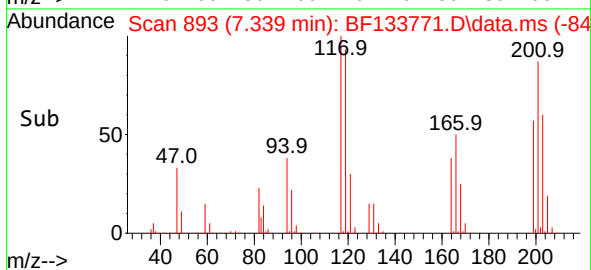
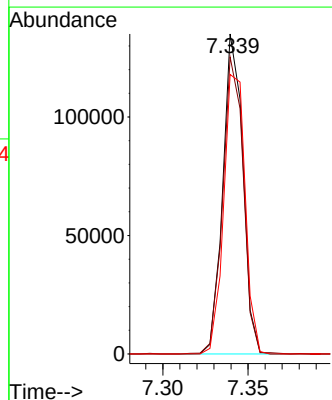
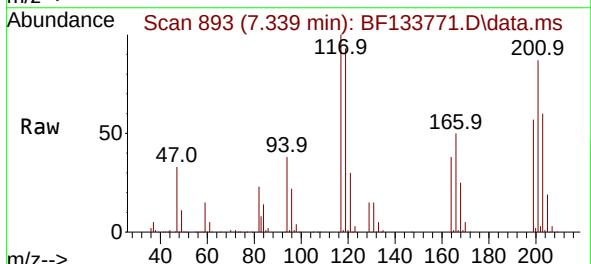
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

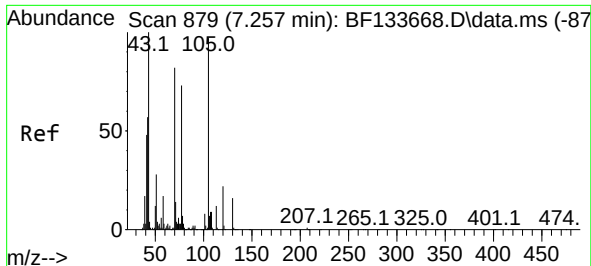
Tgt Ion:	107	Resp:	216695
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.9	136.3
77	49.4	39.8	59.6
79	49.0	39.9	59.9



#18
Hexachloroethane
Concen: 48.026 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:	117	Resp:	110402
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.3	115.9
201	87.4	76.8	115.2



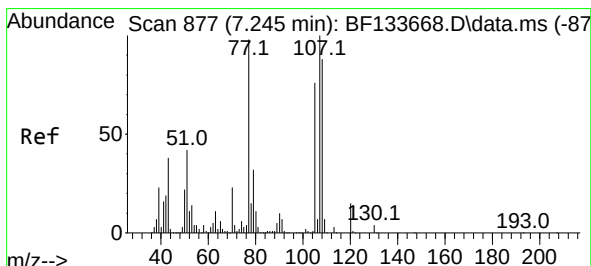
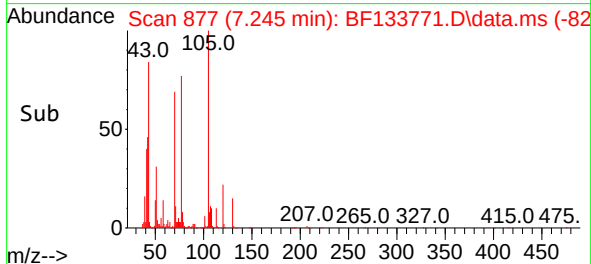
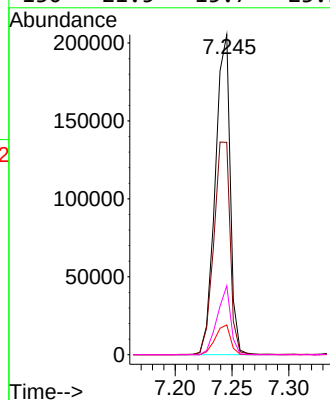
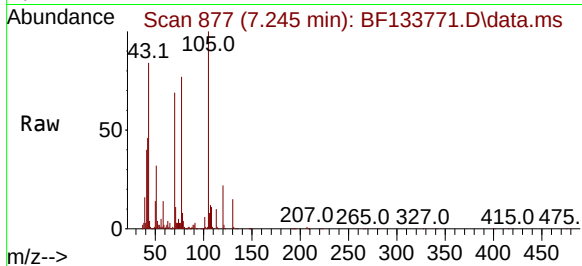


#19
n-Nitroso-di-n-propylamine
Concen: 38.448 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

Tgt Ion: 70 Resp: 187879

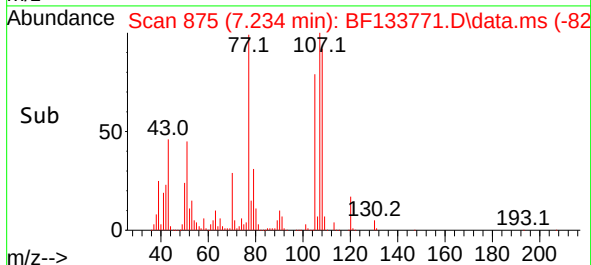
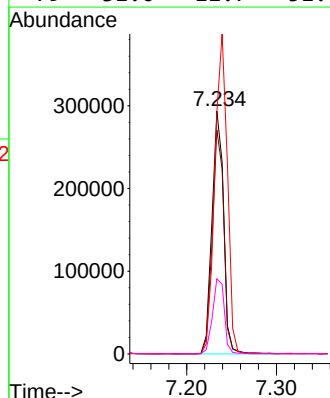
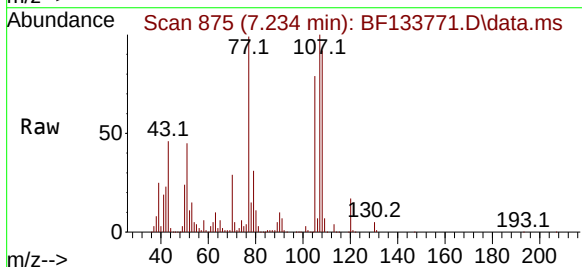
Ion	Ratio	Lower	Upper
70	100		
42	66.4	55.8	83.8
101	9.3	8.1	12.1
130	21.5	15.7	23.5

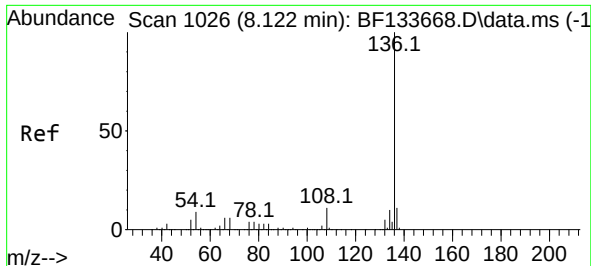


#20
3+4-Methylphenols
Concen: 36.980 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 107 Resp: 265134

Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.9	107.9
77	99.4	77.7	117.7
79	31.0	11.7	51.7

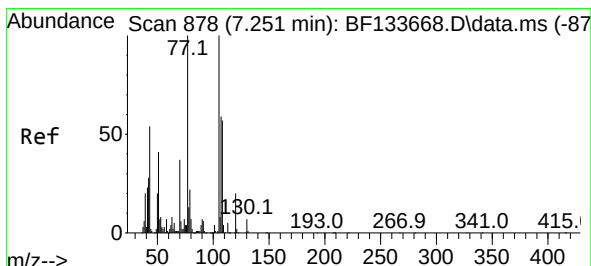
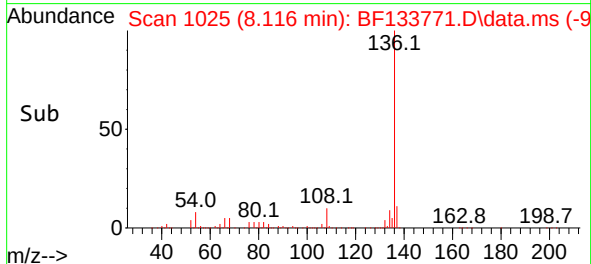
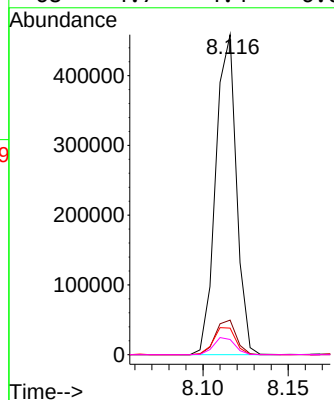
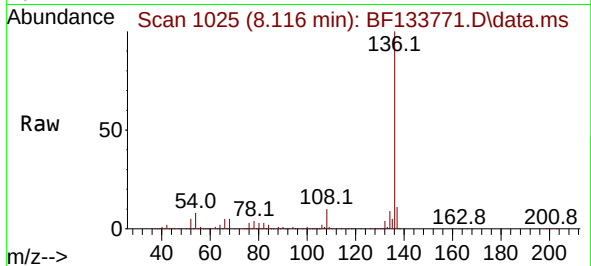




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

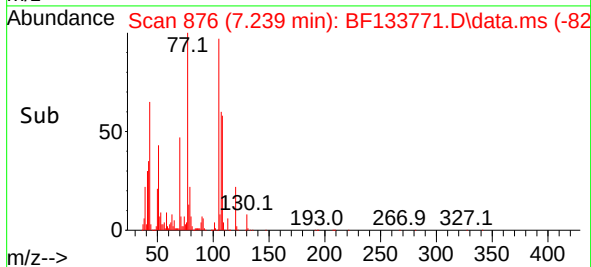
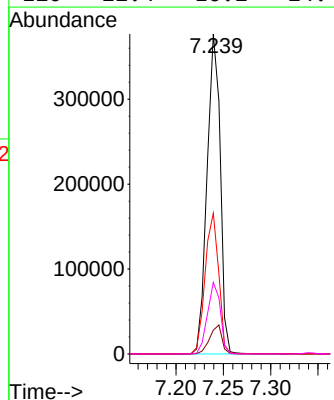
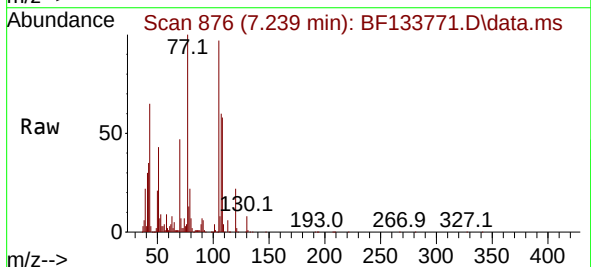
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

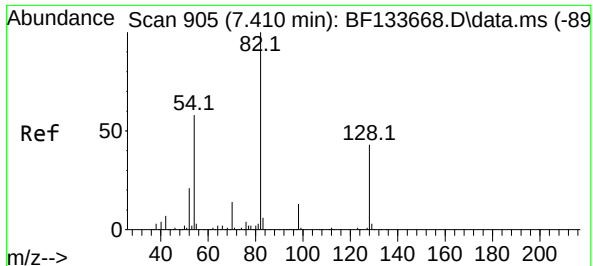
Tgt Ion:136 Resp: 387120
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.4 11.0
68 4.7 4.4 6.6



#22
Acetophenone
Concen: 40.969 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:105 Resp: 363760
Ion Ratio Lower Upper
105 100
71 7.5 4.8 7.2#
51 44.0 33.0 49.4
120 22.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 53.120 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

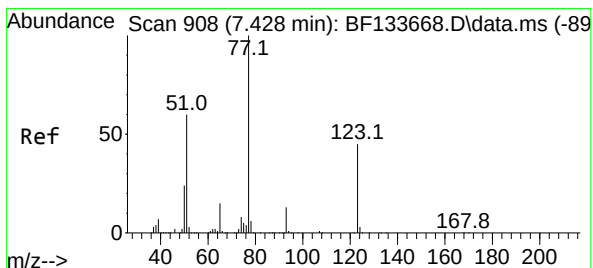
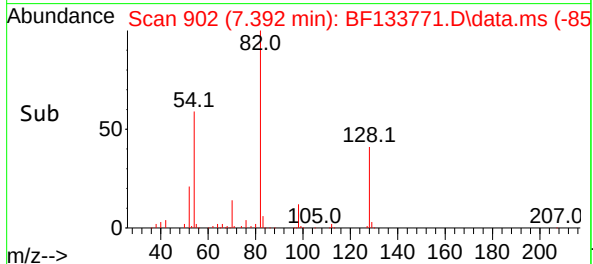
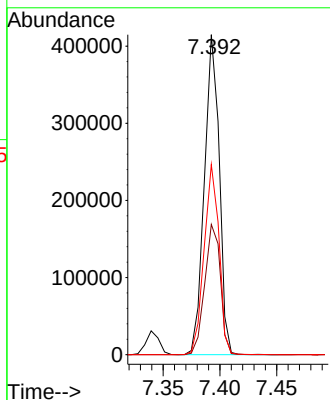
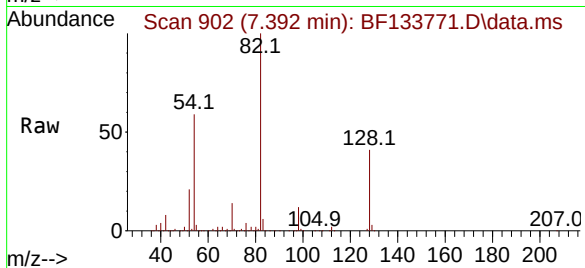
Tgt Ion: 82 Resp: 377546

Ion Ratio Lower Upper

82 100

128 40.7 34.2 51.2

54 59.4 46.5 69.7



#24

Nitrobenzene

Concen: 40.637 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

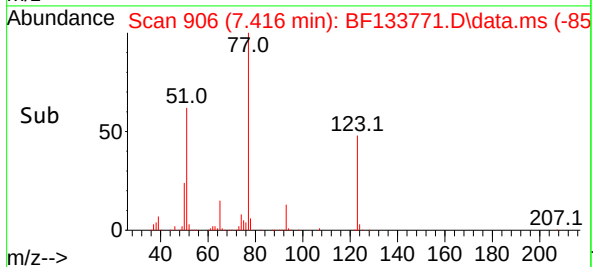
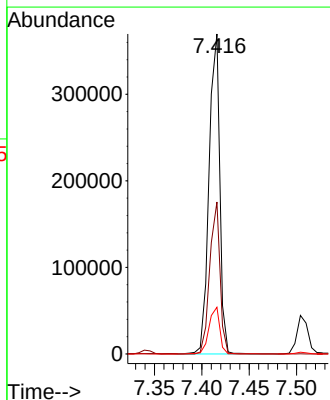
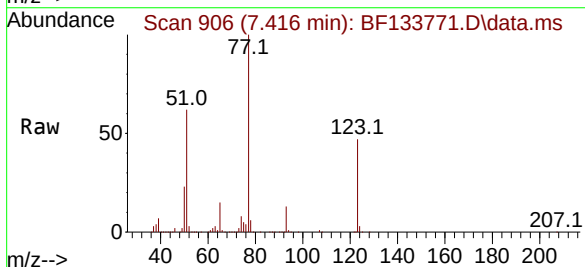
Tgt Ion: 77 Resp: 290828

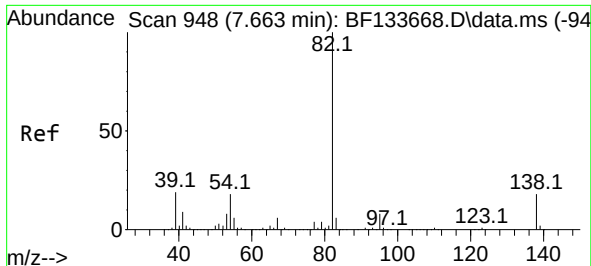
Ion Ratio Lower Upper

77 100

123 47.5 35.8 53.8

65 14.6 11.6 17.4

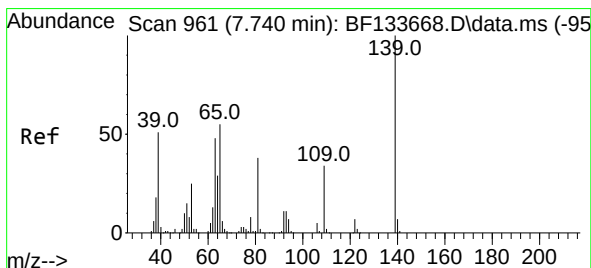
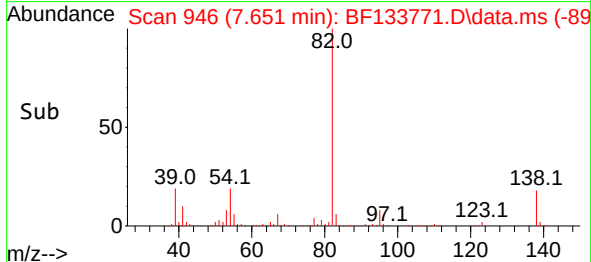
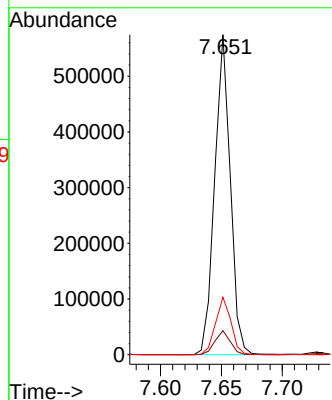
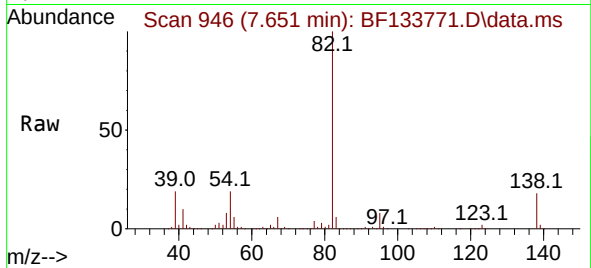




#25
Isophorone
Concen: 39.369 ng
RT: 7.651 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

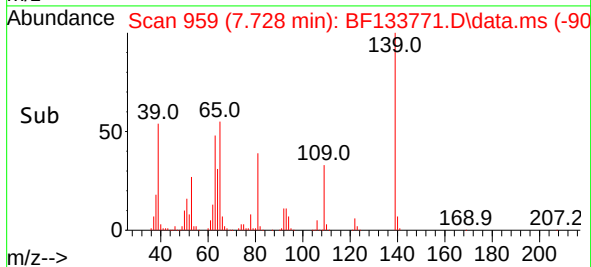
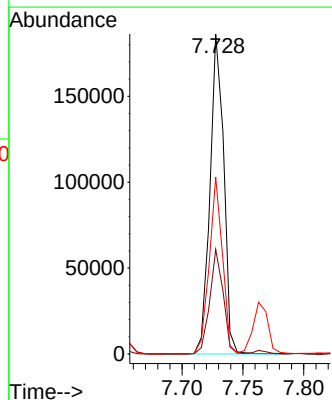
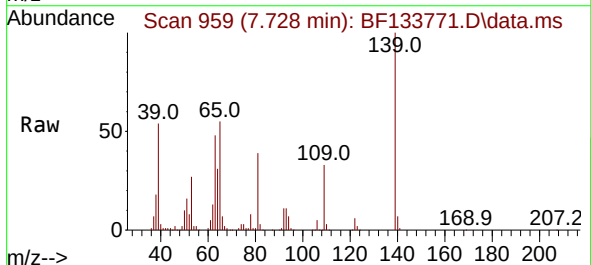
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

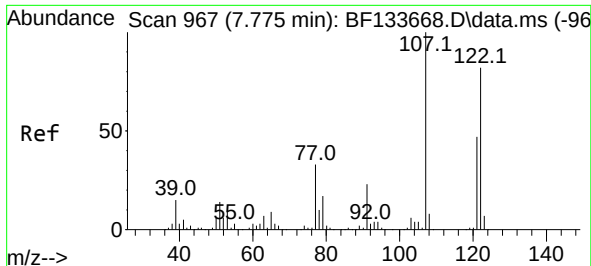
Tgt Ion: 82 Resp: 513702
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 45.453 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 139 Resp: 145990
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 55.3 44.2 66.4

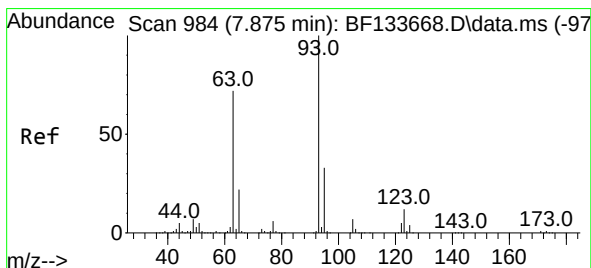
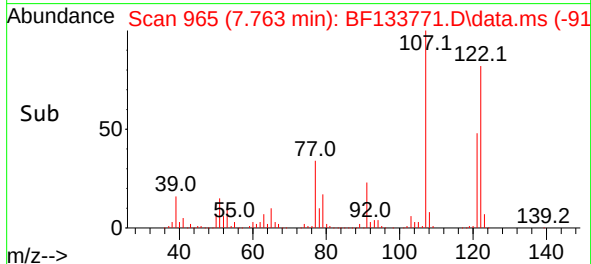
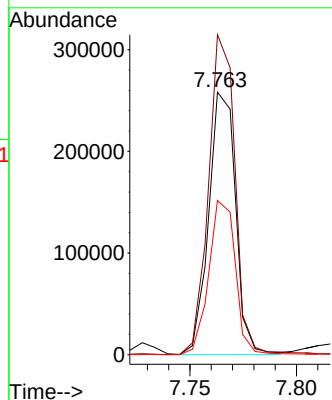
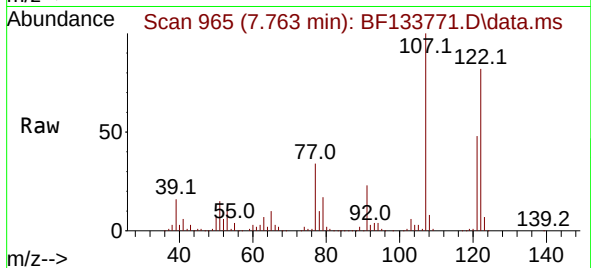




#27
2,4-Dimethylphenol
Concen: 40.927 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

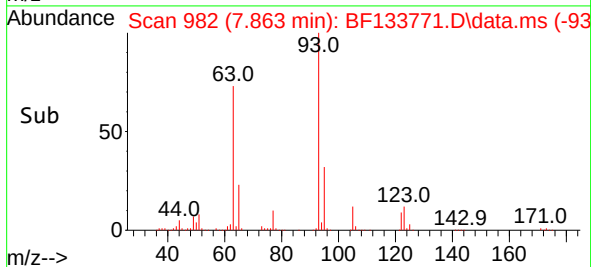
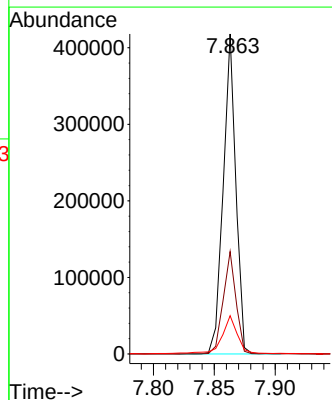
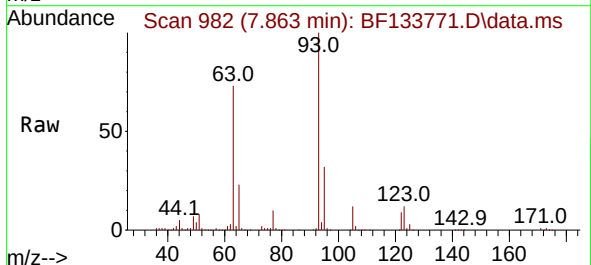
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

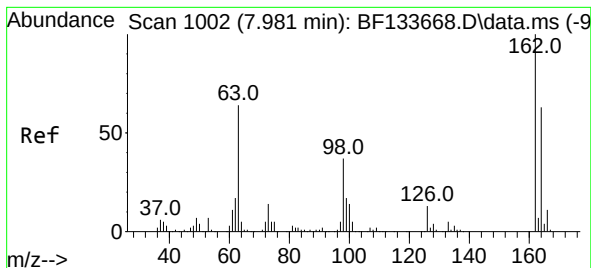
Tgt Ion:122 Resp: 226569
Ion Ratio Lower Upper
122 100
107 121.9 97.8 146.6
121 58.8 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.038 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 93 Resp: 301950
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 11.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.027 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

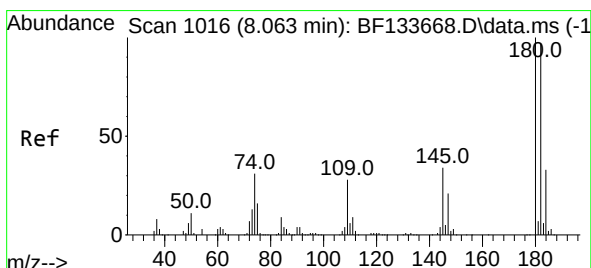
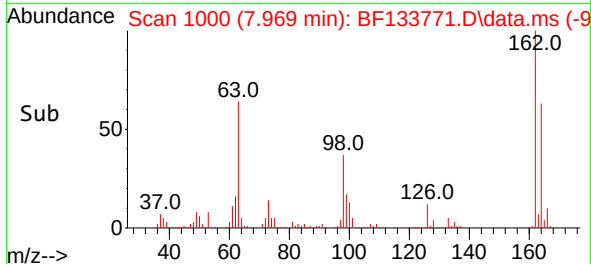
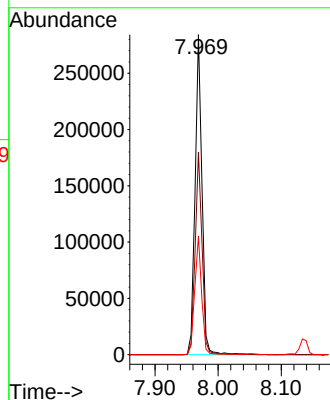
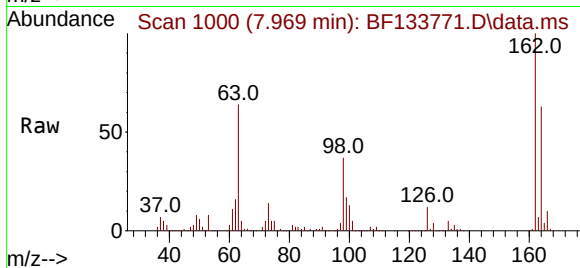
Tgt Ion:162 Resp: 217175

Ion Ratio Lower Upper

162 100

164 63.4 43.4 83.4

98 37.1 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.126 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

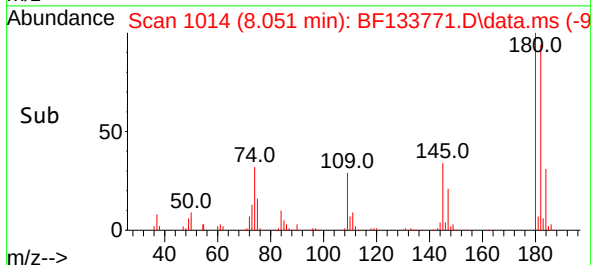
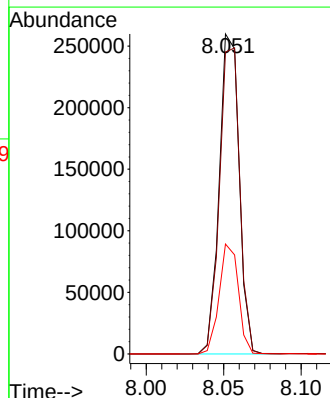
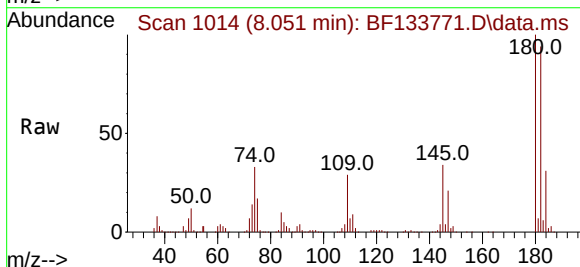
Tgt Ion:180 Resp: 232808

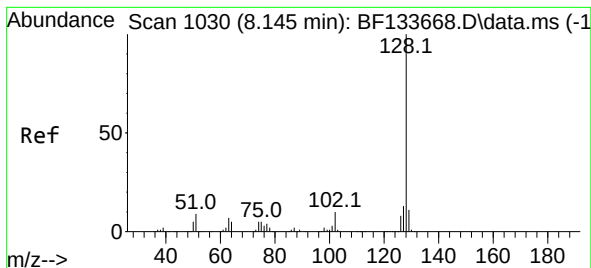
Ion Ratio Lower Upper

180 100

182 94.4 77.8 116.8

145 34.4 27.0 40.4





#31

Naphthalene

Concen: 40.031 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

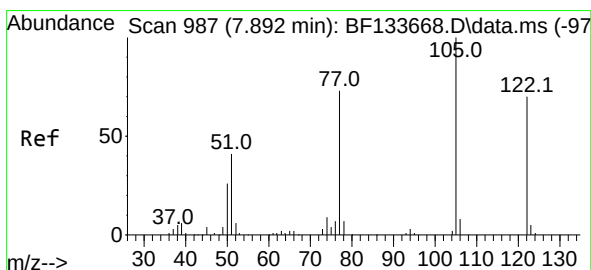
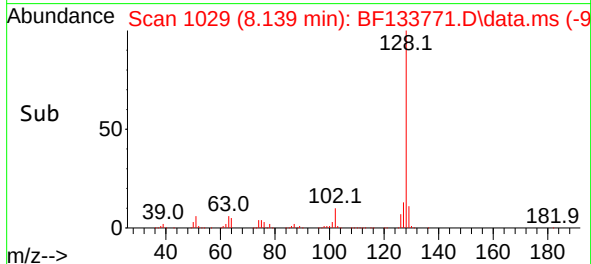
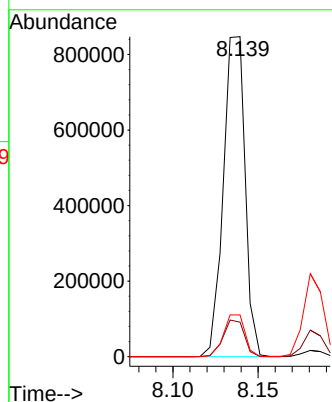
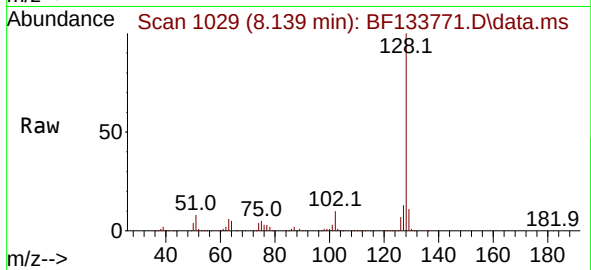
Tgt Ion:128 Resp: 755000

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 45.529 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.012 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

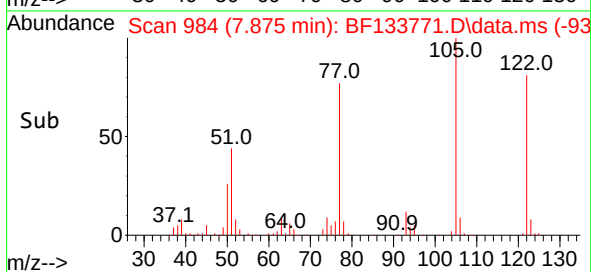
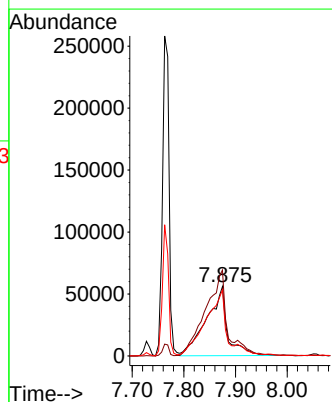
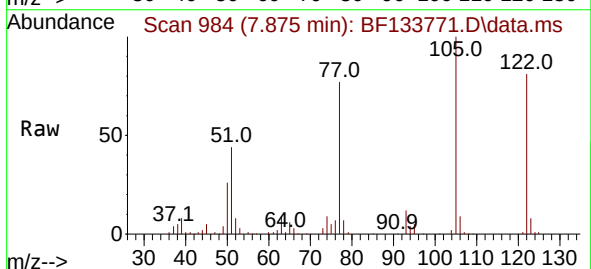
Tgt Ion:122 Resp: 158961

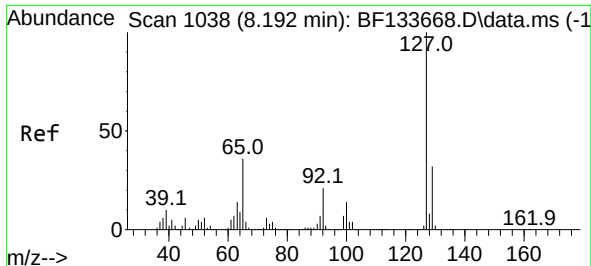
Ion Ratio Lower Upper

122 100

105 124.1 116.3 156.3

77 95.6 82.4 122.4

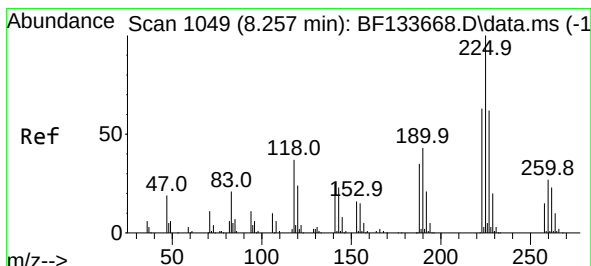
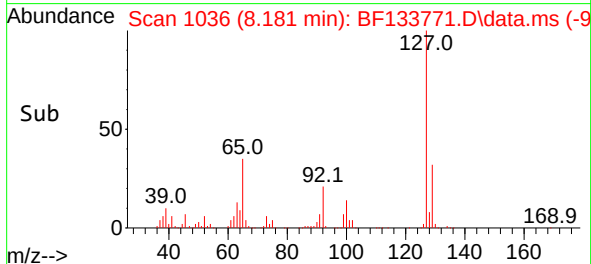
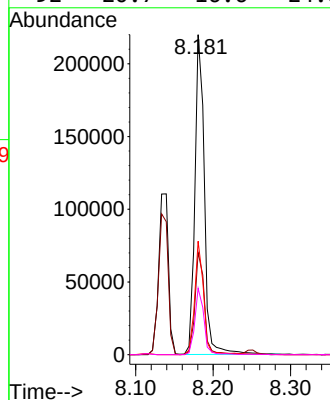
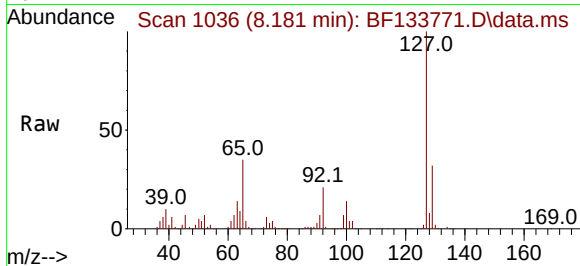




#33
4-Chloroaniline
Concen: 23.243 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

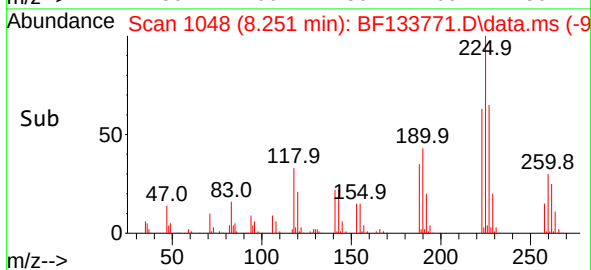
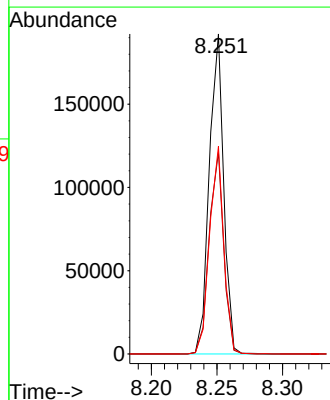
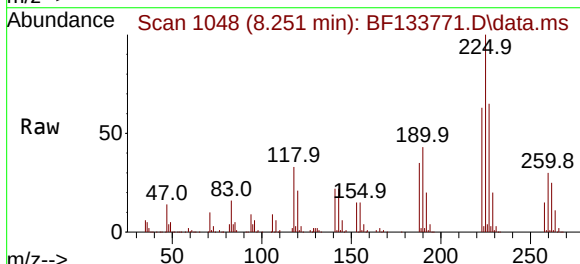
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

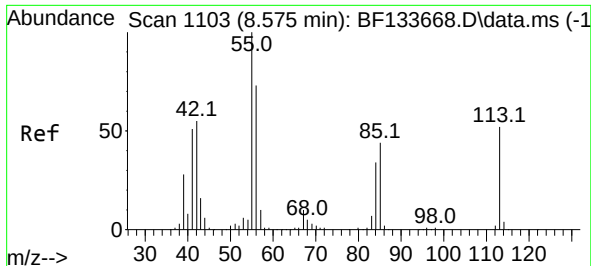
Tgt Ion:	127	Resp:	187442
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.6	38.4
65	35.4	28.9	43.3
92	20.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 39.675 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:	225	Resp:	147046
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	64.8	49.5	74.3

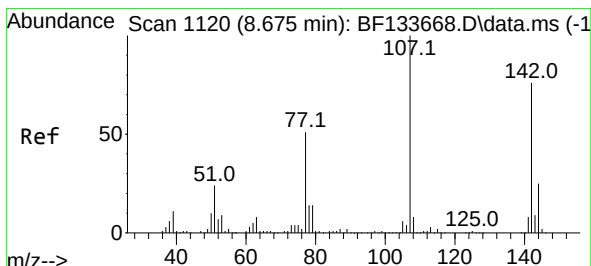
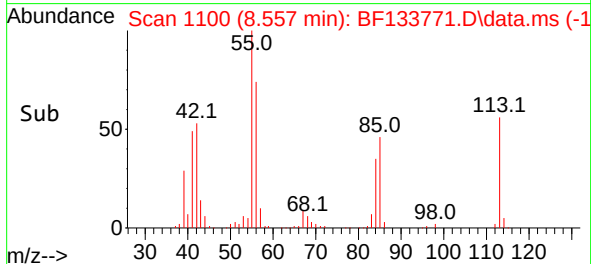
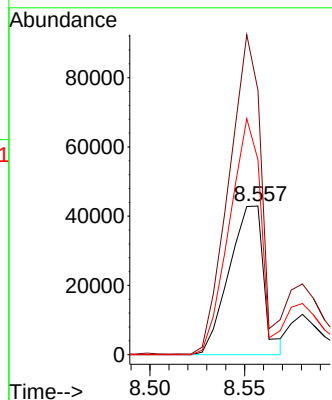
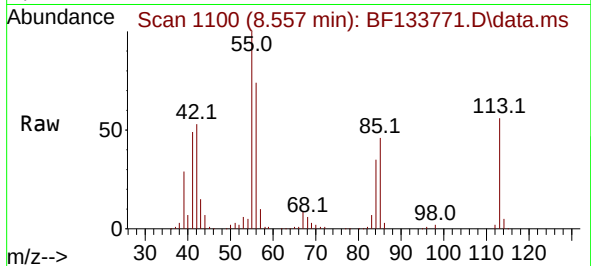




#35
 Caprolactam
 Concen: 29.791 ng
 RT: 8.557 min Scan# 1118
 Delta R.T. -0.006 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

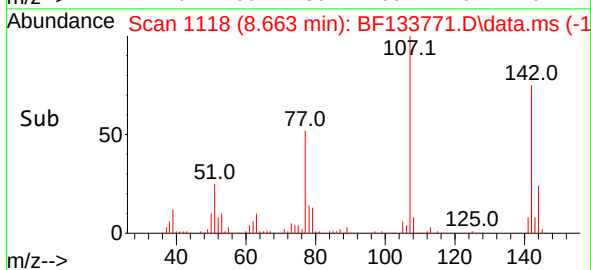
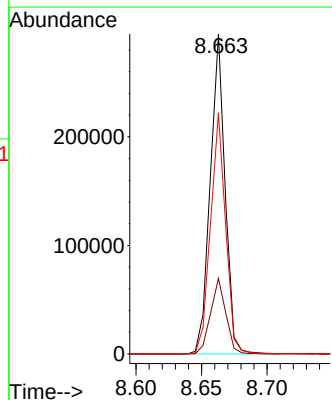
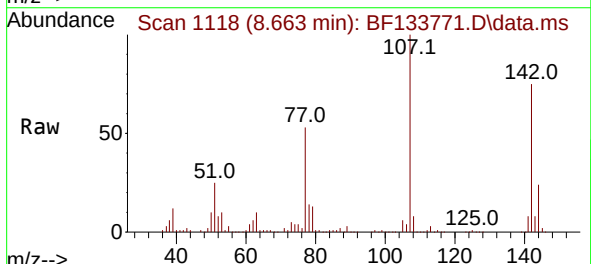
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMS

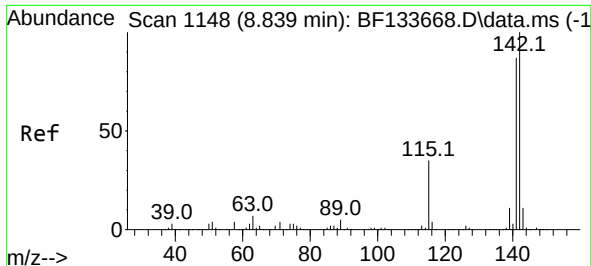
Tgt Ion:113 Resp: 54390
 Ion Ratio Lower Upper
 113 100
 55 177.9 173.3 213.3
 56 131.1 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.260 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.006 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

Tgt Ion:107 Resp: 233027
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.7 29.5
 142 75.3 61.1 91.7

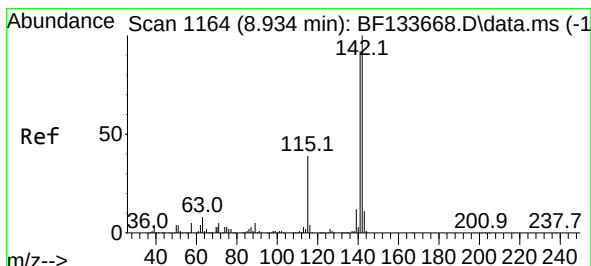
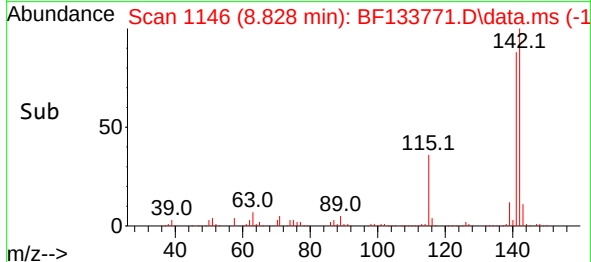
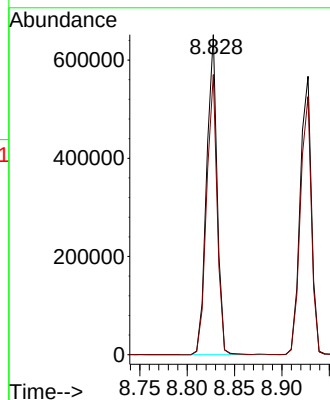
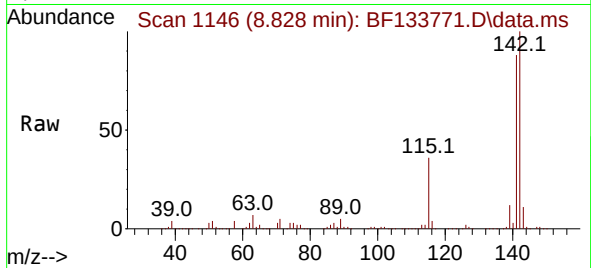




#37
2-Methylnaphthalene
Concen: 38.239 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

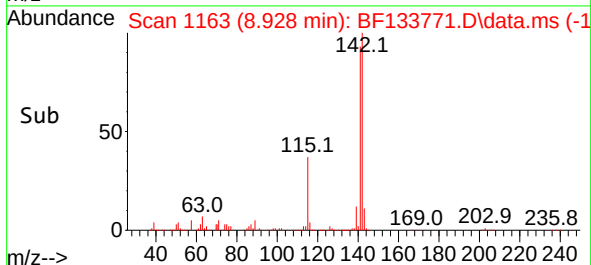
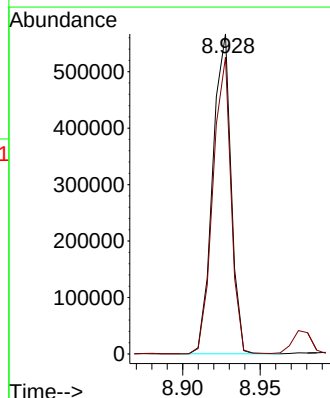
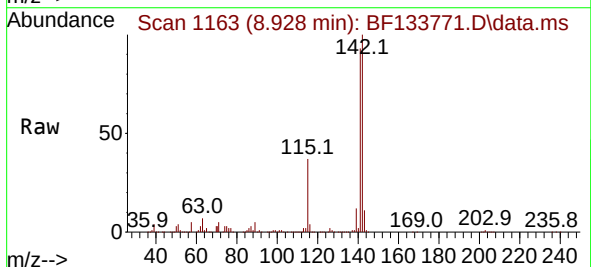
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

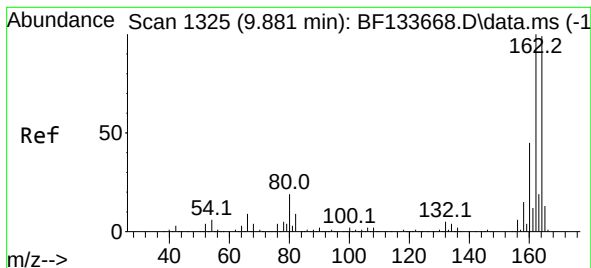
Tgt Ion:142 Resp: 501096
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8



#38
1-Methylnaphthalene
Concen: 38.829 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:142 Resp: 468230
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

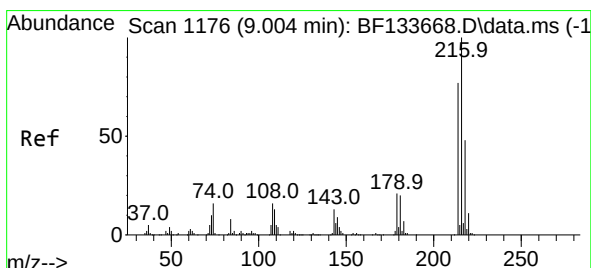
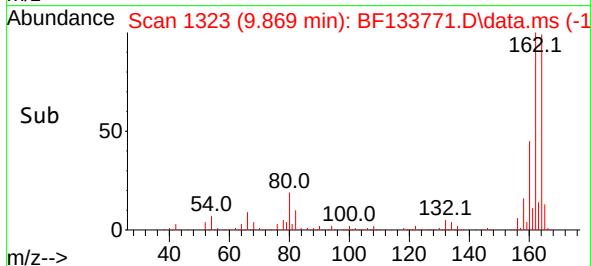
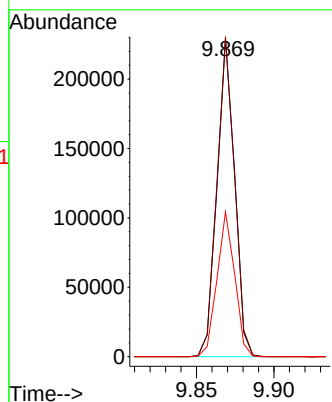
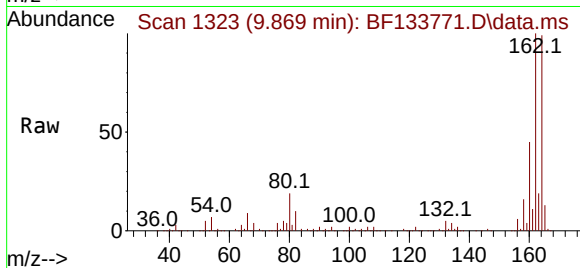
Tgt Ion:164 Resp: 180942

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.542 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Tgt Ion:216 Resp: 239513

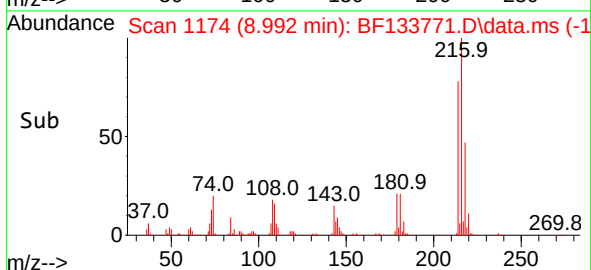
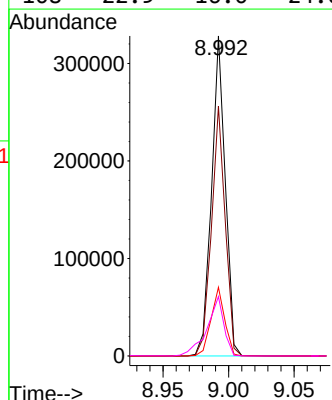
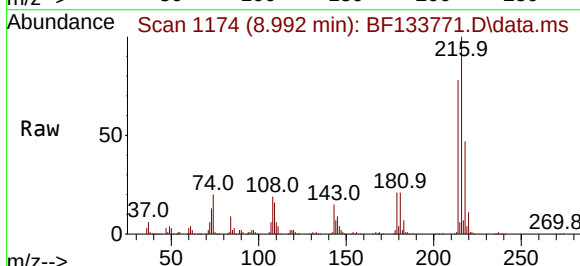
Ion Ratio Lower Upper

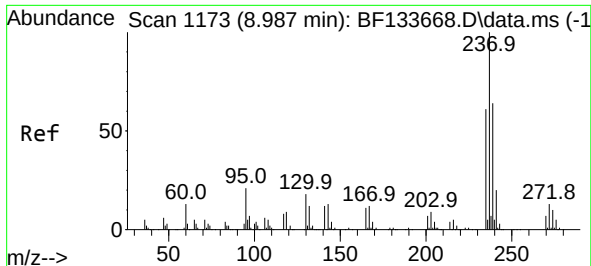
216 100

214 77.9 62.7 94.1

179 21.4 17.6 26.4

108 22.9 16.0 24.0

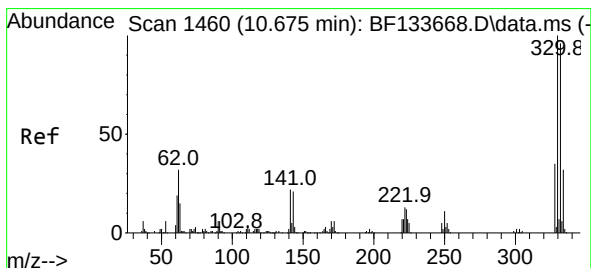
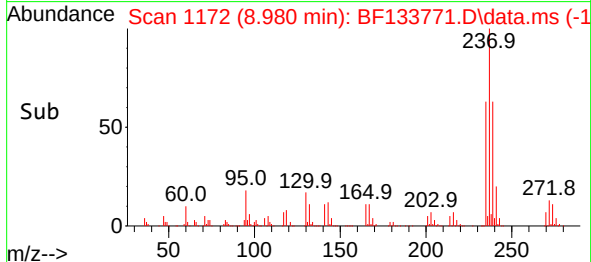
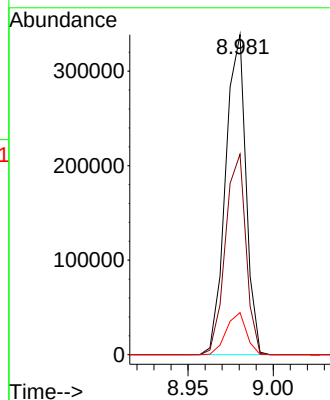
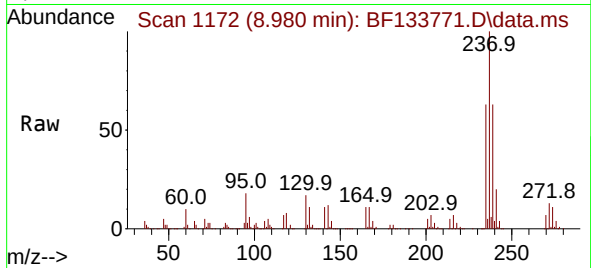




#41
Hexachlorocyclopentadiene
Concen: 114.983 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

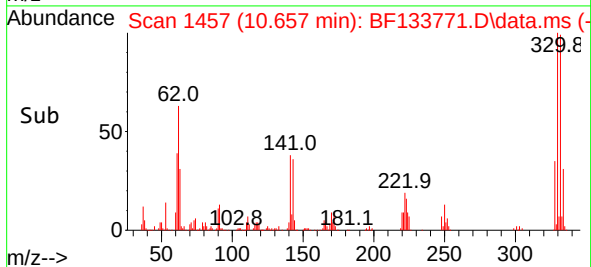
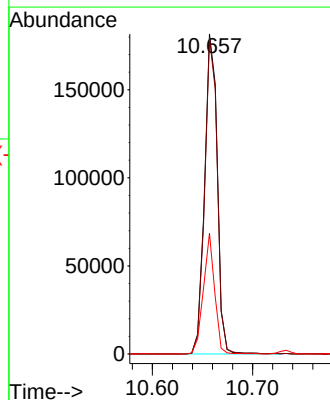
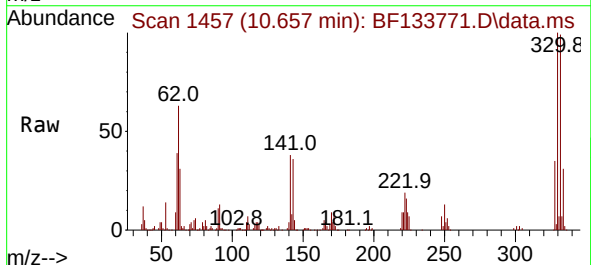
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

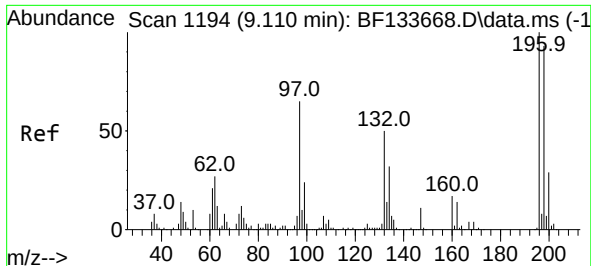
Tgt Ion:237 Resp: 281861
Ion Ratio Lower Upper
237 100
235 62.7 40.6 80.6
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 70.063 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:330 Resp: 160472
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 33.6 24.9 37.3

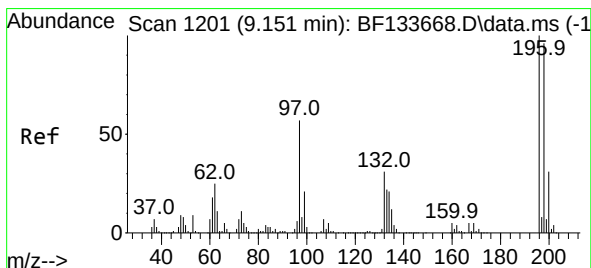
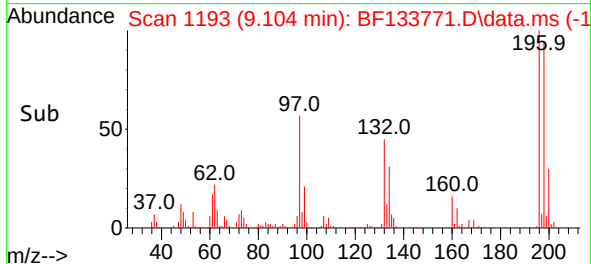
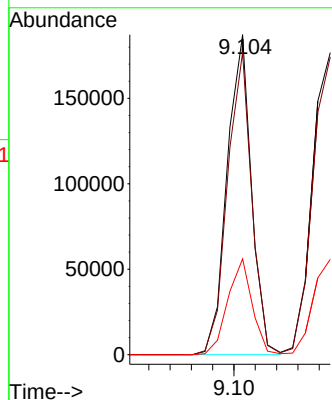
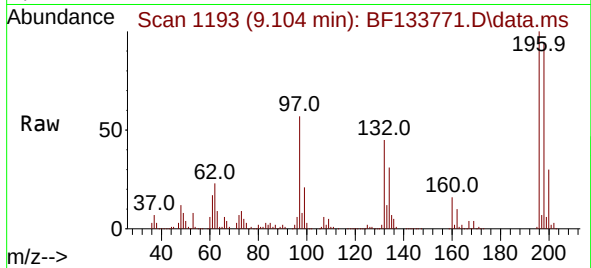




#43
2,4,6-Trichlorophenol
Concen: 40.298 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

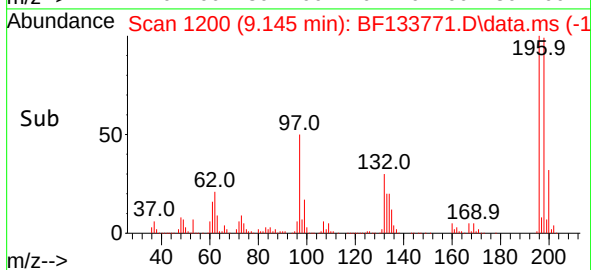
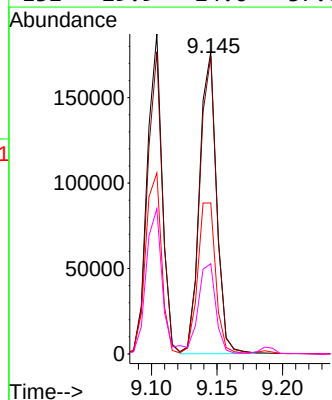
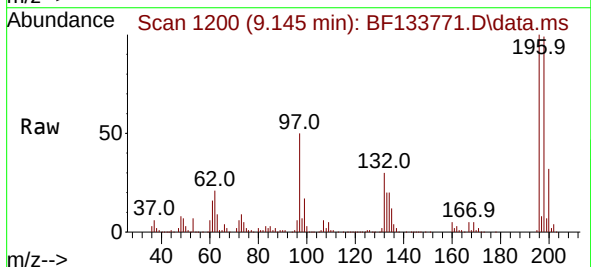
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

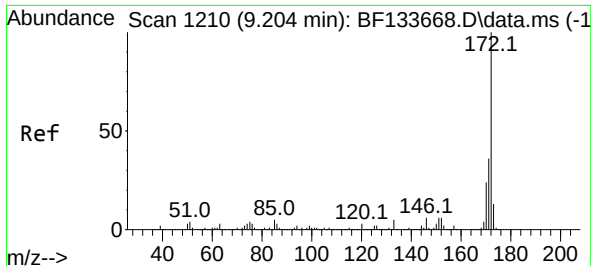
Tgt Ion:196 Resp: 148129
Ion Ratio Lower Upper
196 100
198 94.4 74.5 111.7
200 30.0 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 37.433 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:196 Resp: 160079
Ion Ratio Lower Upper
196 100
198 98.6 76.8 115.2
97 50.0 45.4 68.2
132 29.9 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 53.620 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

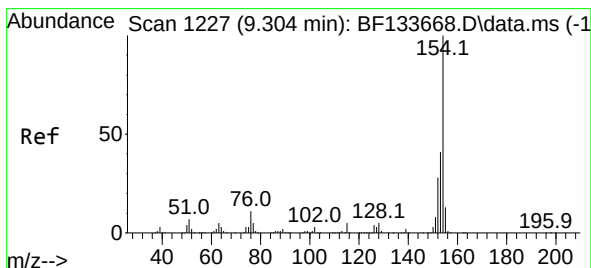
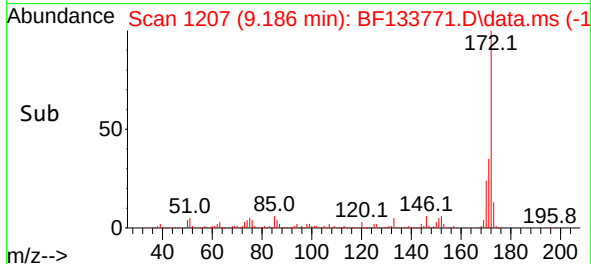
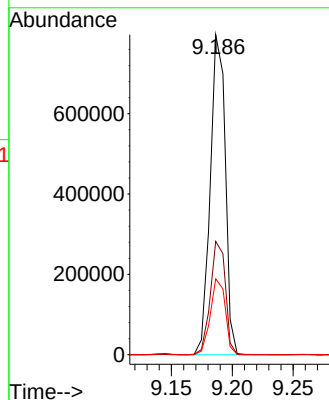
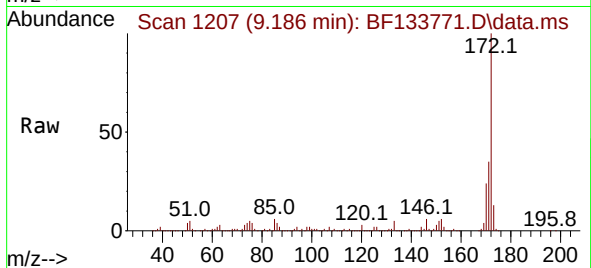
Tgt Ion:172 Resp: 682516

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.501 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

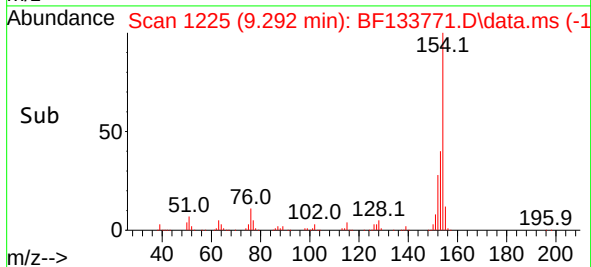
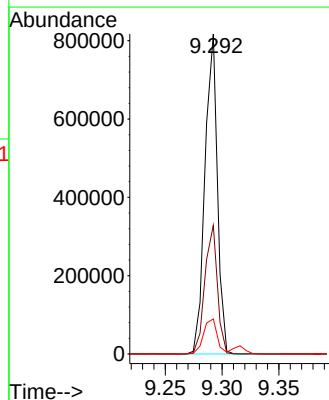
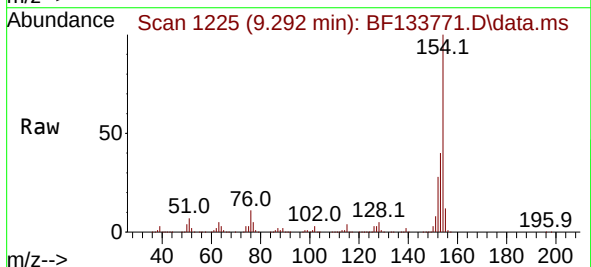
Tgt Ion:154 Resp: 620224

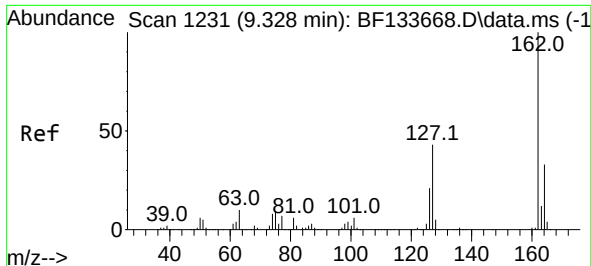
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 11.0 0.0 31.0

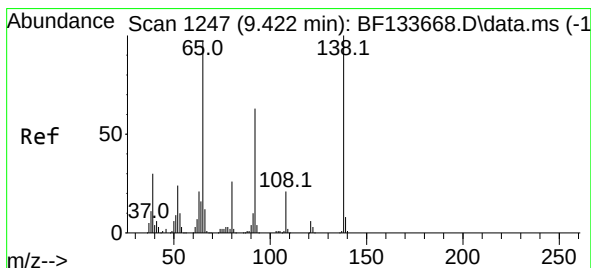
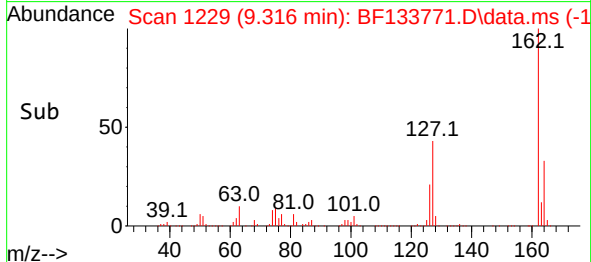
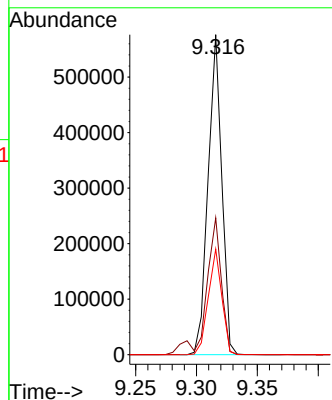
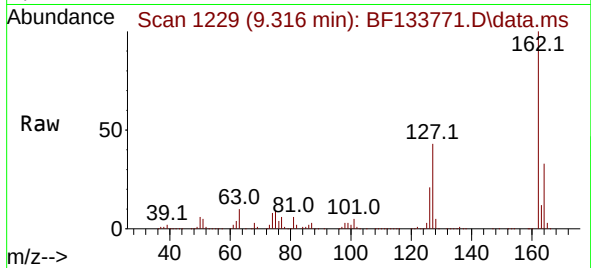




#47
2-Chloronaphthalene
Concen: 43.029 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

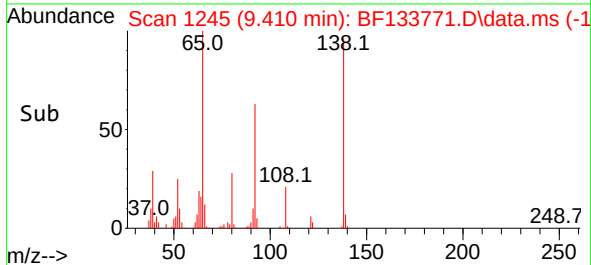
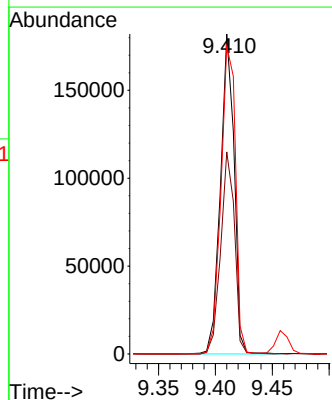
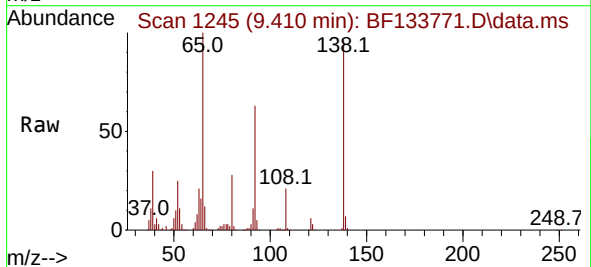
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

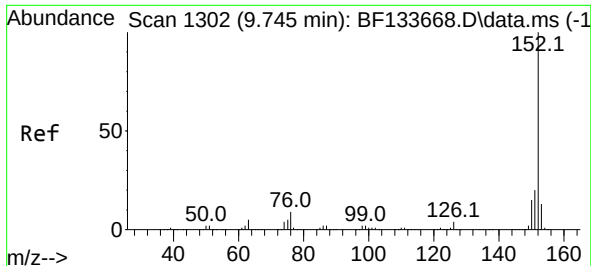
Tgt Ion:162 Resp: 450423
Ion Ratio Lower Upper
162 100
127 42.8 34.6 52.0
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 39.936 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion: 65 Resp: 152890
Ion Ratio Lower Upper
65 100
92 63.2 51.8 77.6
138 96.2 82.1 123.1

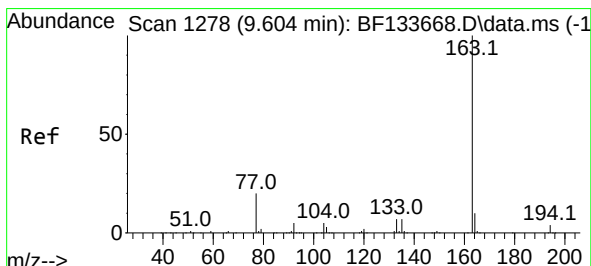
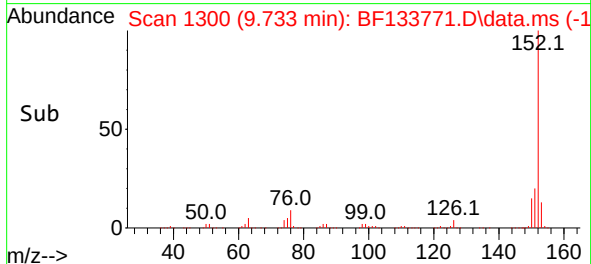
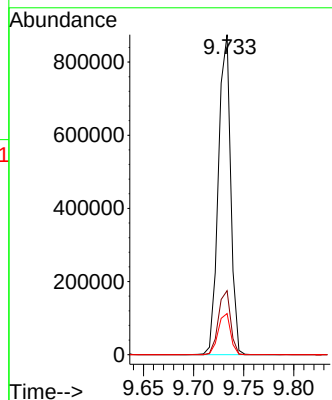
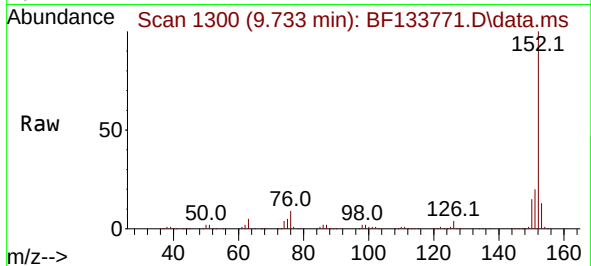




#49
Acenaphthylene
Concen: 40.857 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

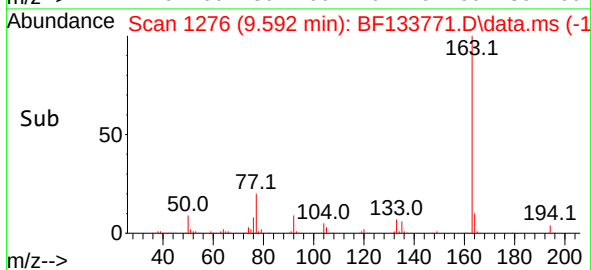
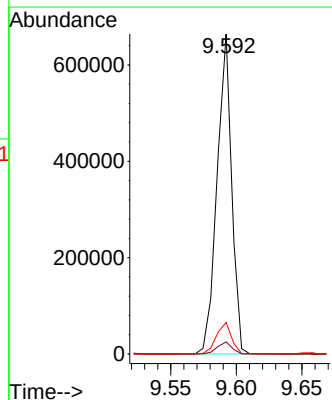
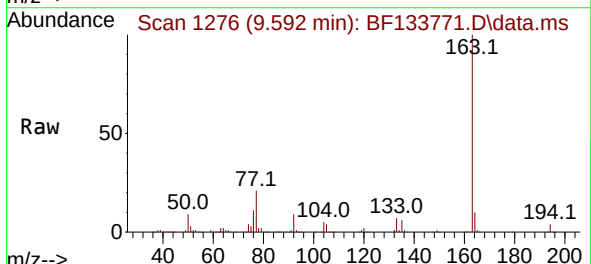
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

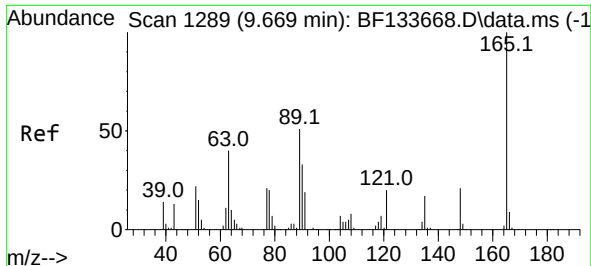
Tgt Ion:152 Resp: 744390
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 38.121 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:163 Resp: 514862
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 40.634 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

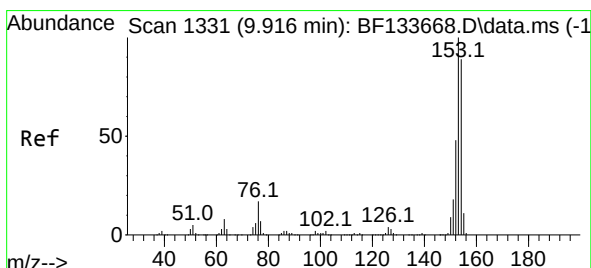
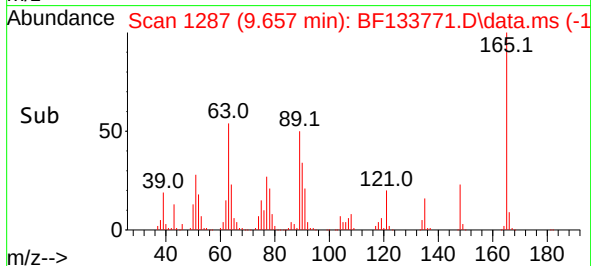
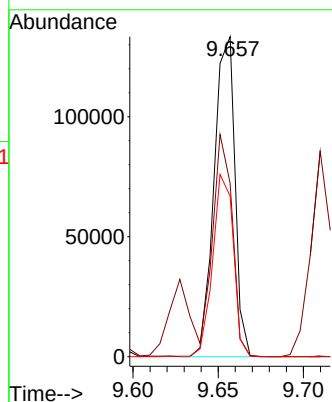
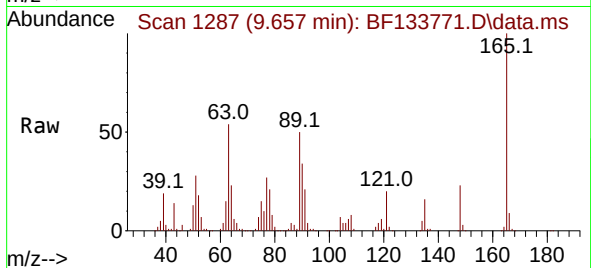
Tgt Ion:165 Resp: 113276

Ion Ratio Lower Upper

165 100

63 54.2 42.1 63.1

89 50.2 40.9 61.3



#52

Acenaphthene

Concen: 41.300 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

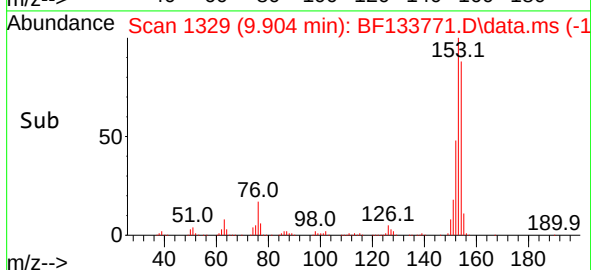
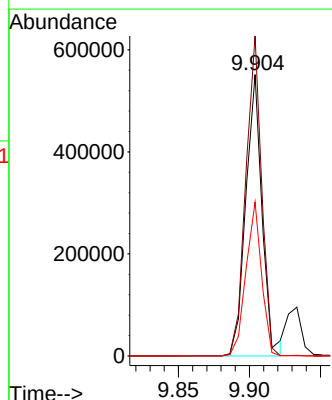
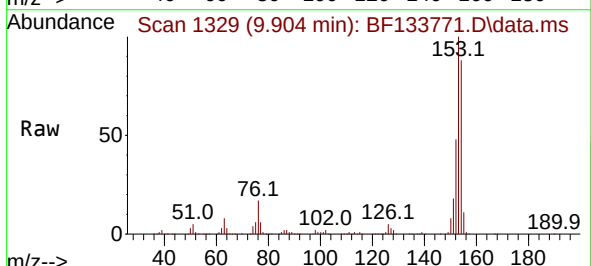
Tgt Ion:154 Resp: 440440

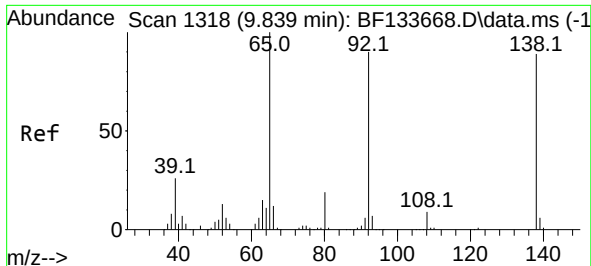
Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.8

152 54.7 43.4 65.2

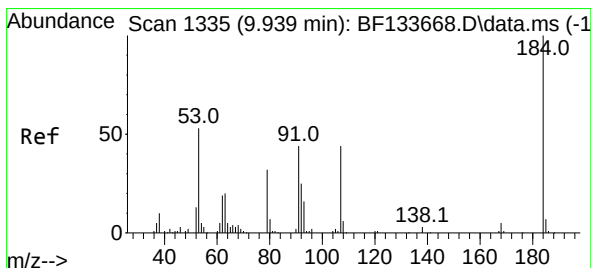
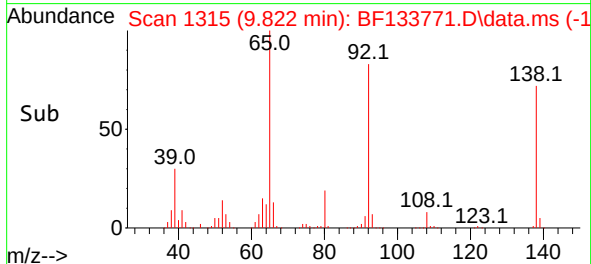
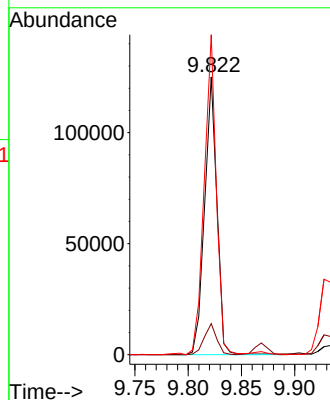
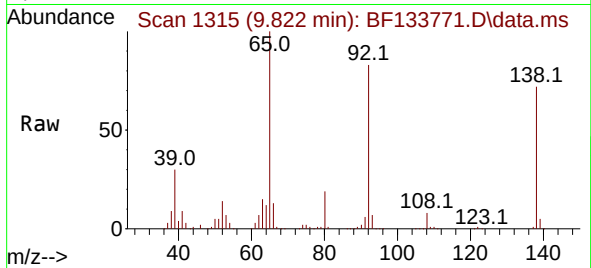




#53
3-Nitroaniline
Concen: 29.790 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

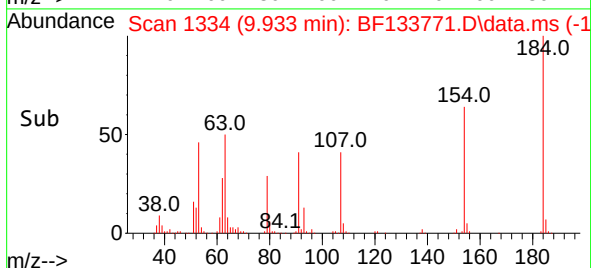
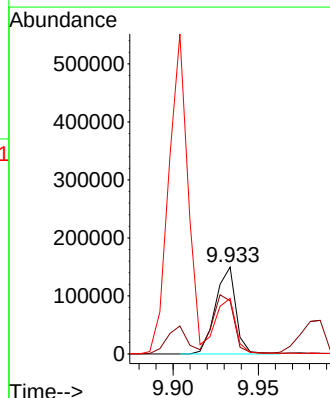
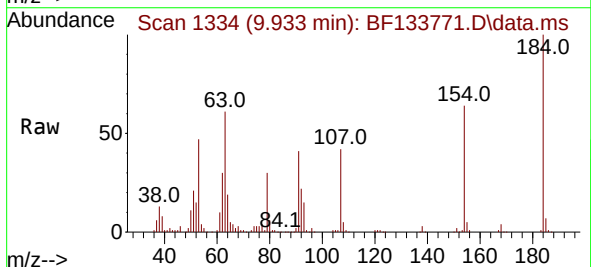
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

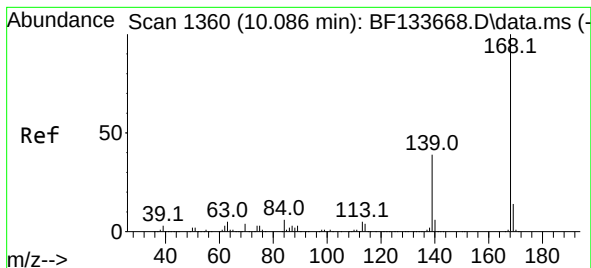
Tgt Ion:138 Resp: 101061
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 115.2 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 90.738 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:184 Resp: 124735
Ion Ratio Lower Upper
184 100
63 61.1 55.3 82.9
154 63.9 51.9 77.9





#55

Dibenzenofuran

Concen: 40.610 ng

RT: 10.075 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

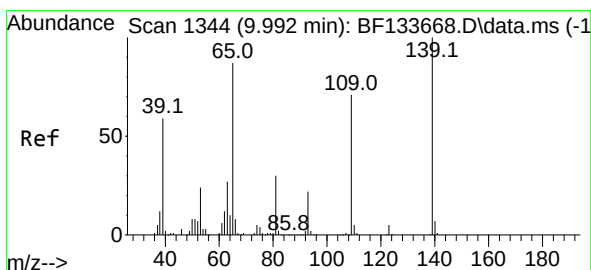
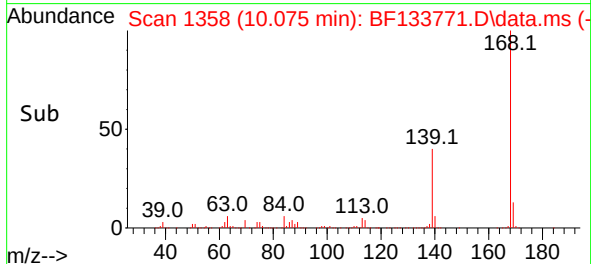
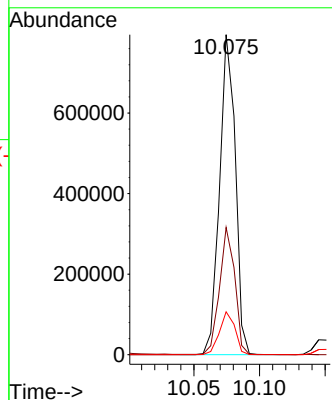
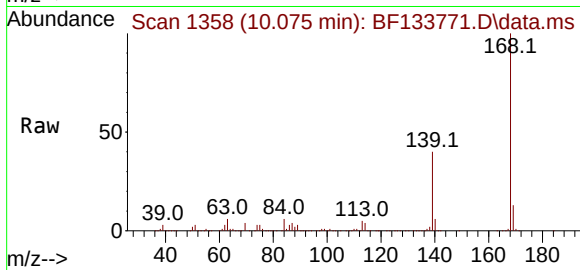
Tgt Ion:168 Resp: 660842

Ion Ratio Lower Upper

168 100

139 39.8 30.9 46.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 79.982 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.000 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

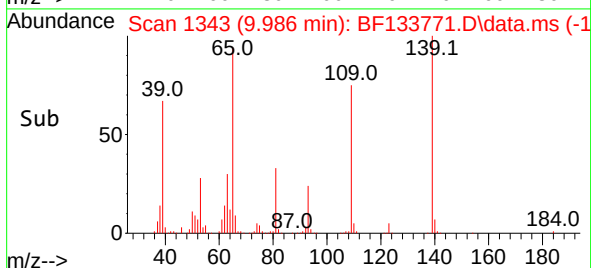
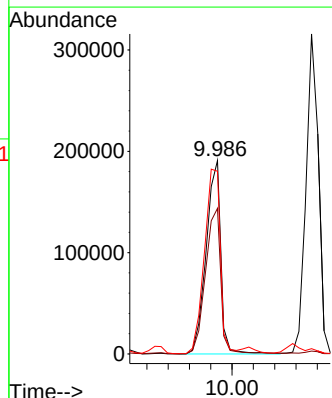
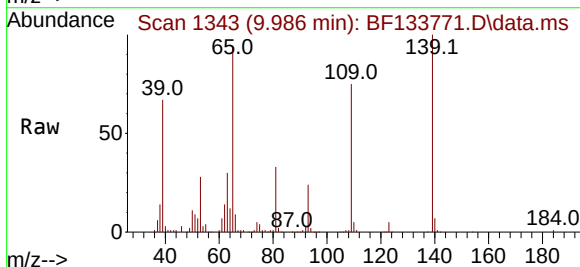
Tgt Ion:139 Resp: 183124

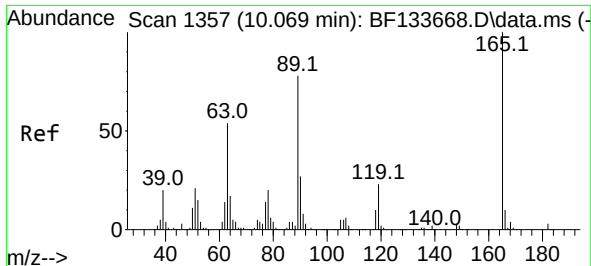
Ion Ratio Lower Upper

139 100

109 75.3 50.7 90.7

65 94.5 67.1 107.1

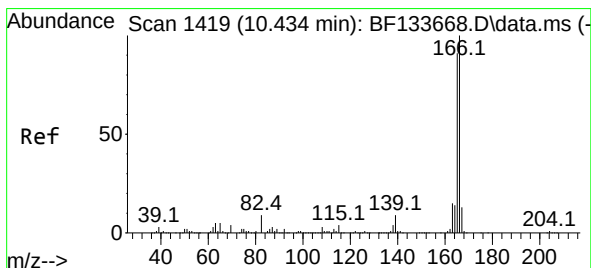
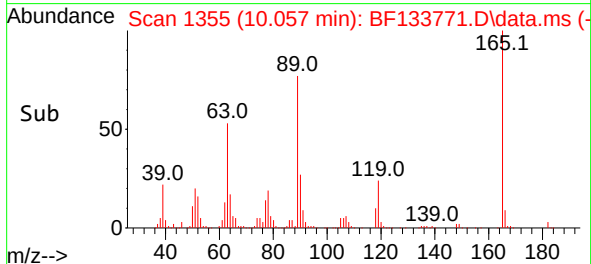
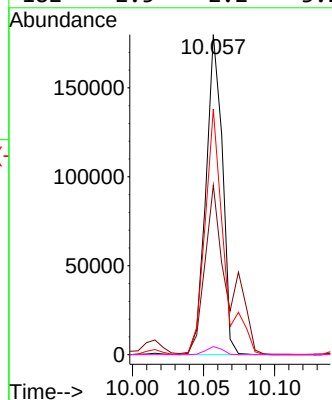
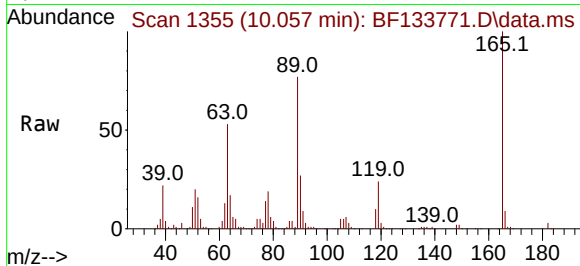




#57
2,4-Dinitrotoluene
Concen: 41.031 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

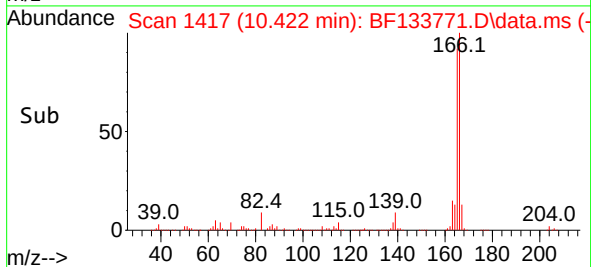
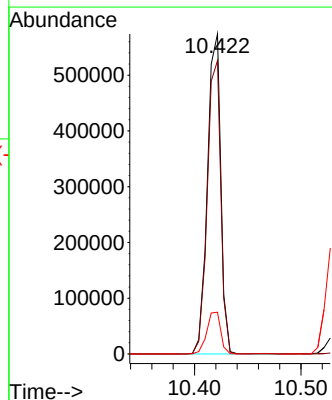
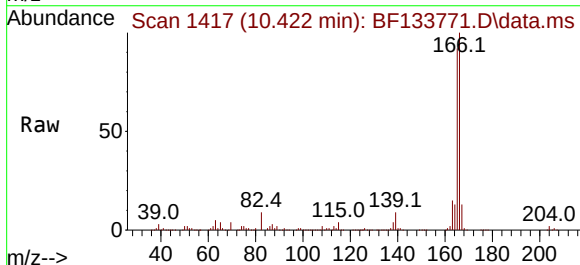
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

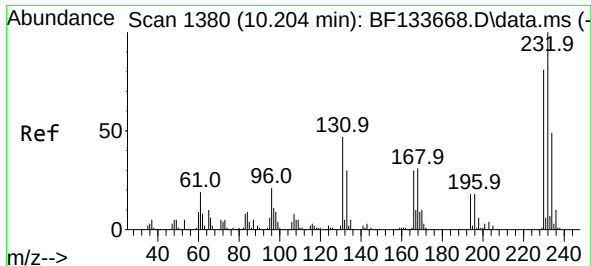
Tgt Ion:165 Resp: 145474
Ion Ratio Lower Upper
165 100
63 53.0 43.0 64.6
89 76.7 62.6 93.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 40.218 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:166 Resp: 500494
Ion Ratio Lower Upper
166 100
165 91.7 73.1 109.7
167 13.1 10.5 15.7

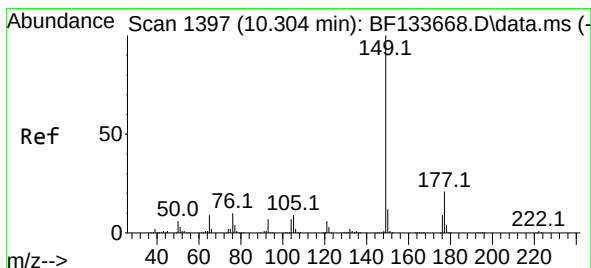
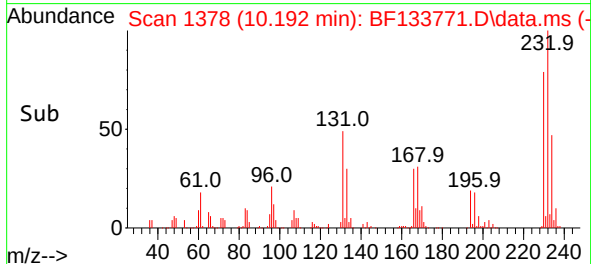
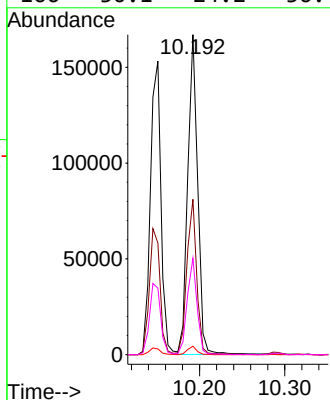
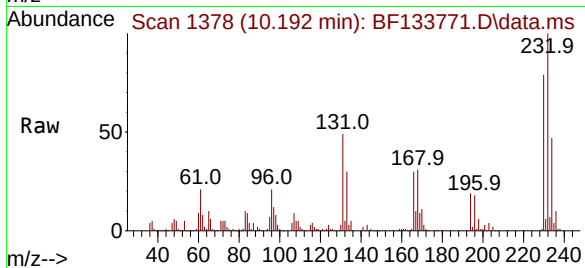




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.217 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

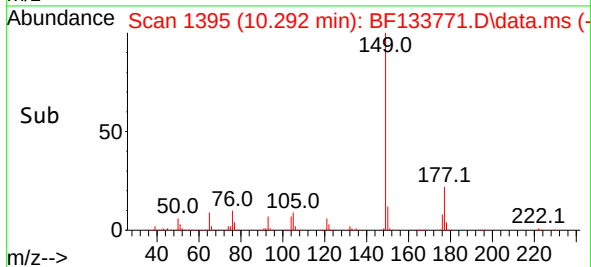
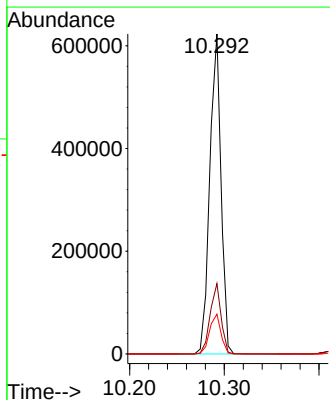
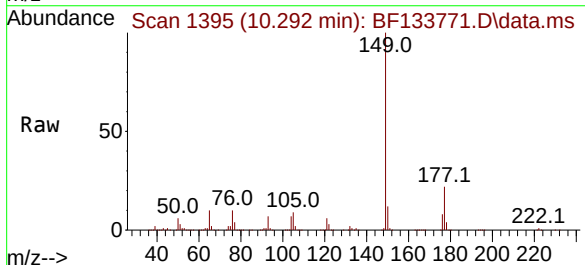
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

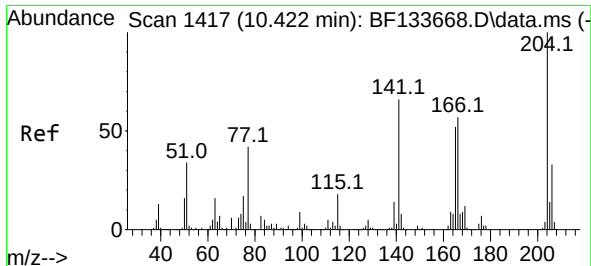
Tgt Ion:232 Resp: 135167
Ion Ratio Lower Upper
232 100
131 48.5 38.0 57.0
130 2.5 1.8 2.8
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 37.210 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:149 Resp: 511481
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.5 10.0 15.0

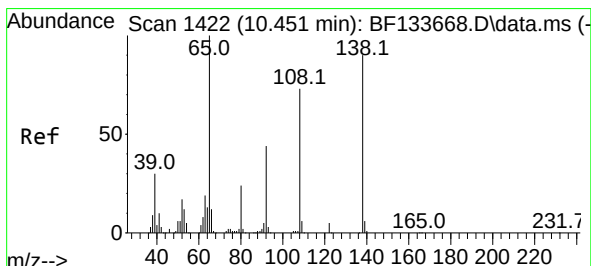
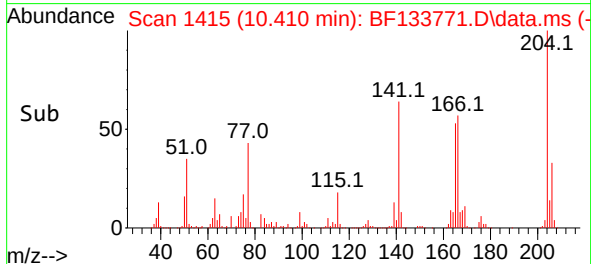
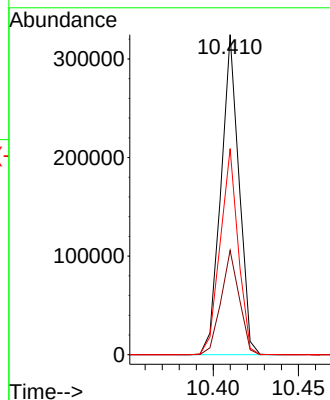
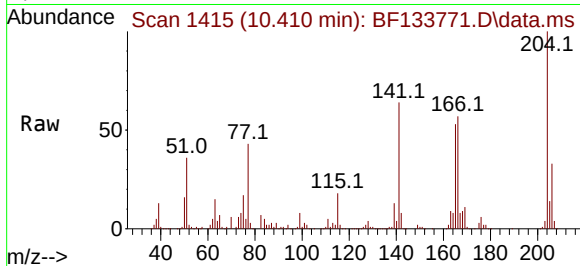




#61
4-Chlorophenyl-phenylether
Concen: 39.002 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

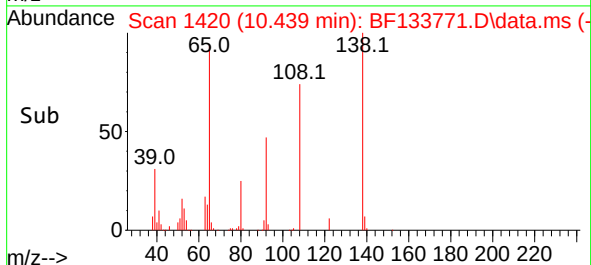
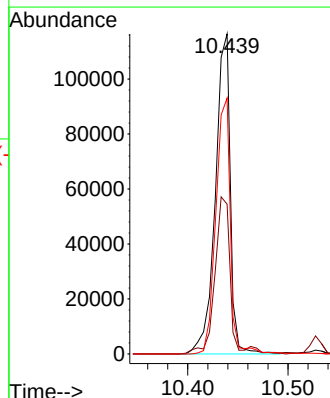
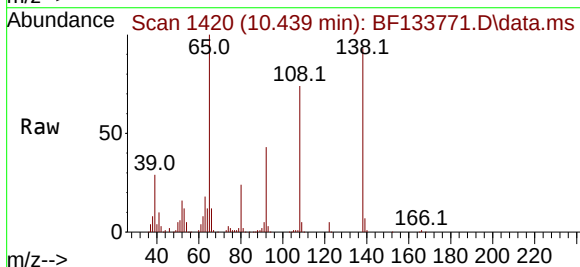
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

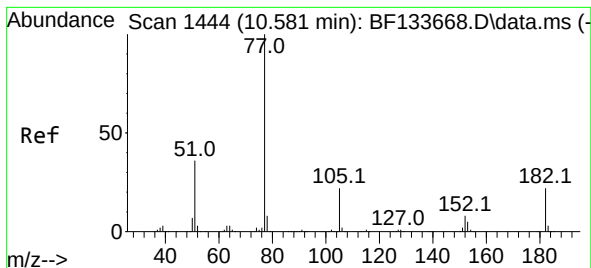
Tgt Ion:204 Resp: 239606
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 64.4 52.8 79.2



#62
4-Nitroaniline
Concen: 36.320 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:138 Resp: 120810
Ion Ratio Lower Upper
138 100
92 46.8 28.9 68.9
108 80.0 61.0 101.0





#63

Azobenzene

Concen: 41.073 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

Tgt Ion: 77 Resp: 534473

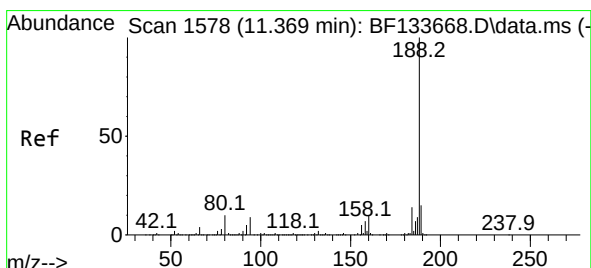
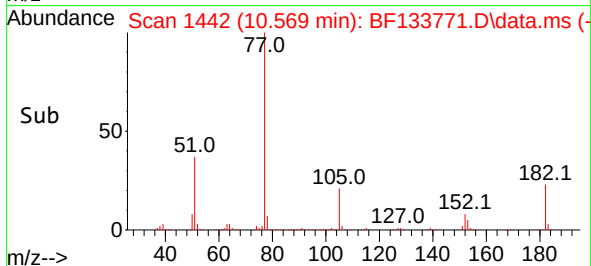
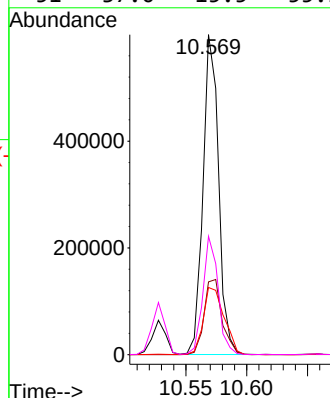
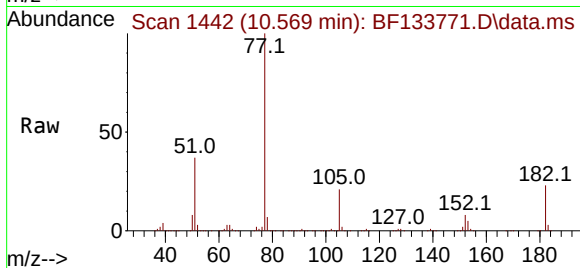
Ion Ratio Lower Upper

77 100

182 22.7 1.6 41.6

105 21.0 1.6 41.6

51 37.0 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

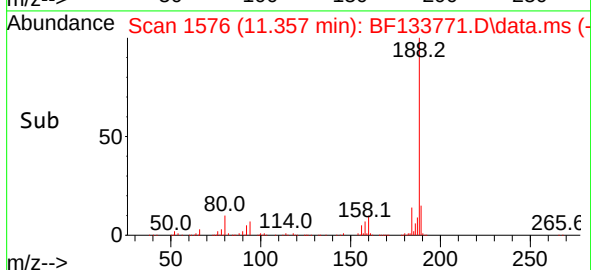
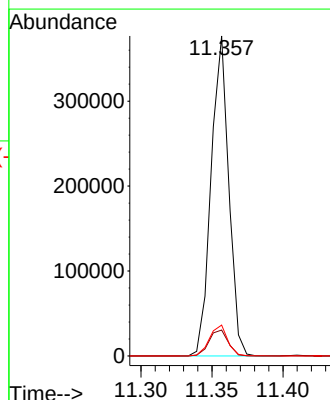
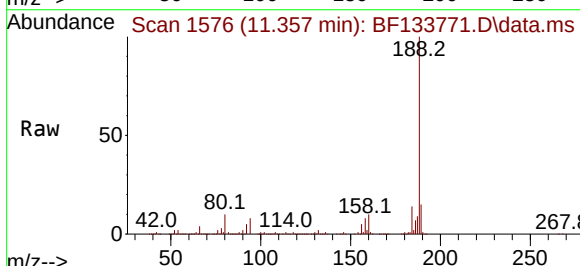
Tgt Ion:188 Resp: 325306

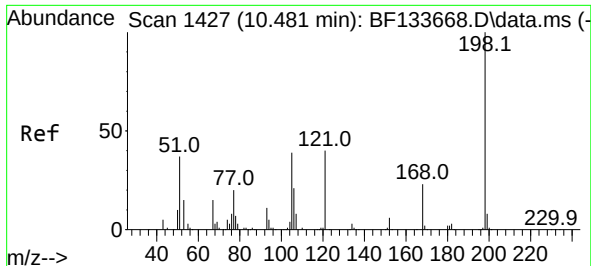
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.6 7.8 11.6

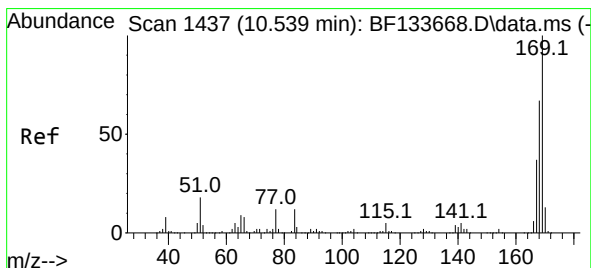
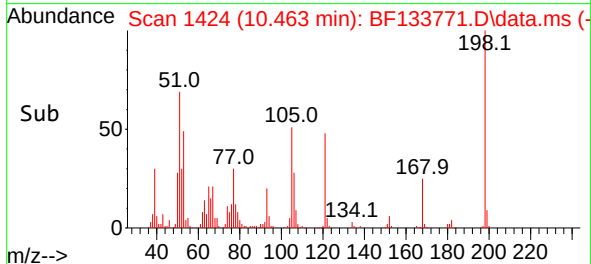
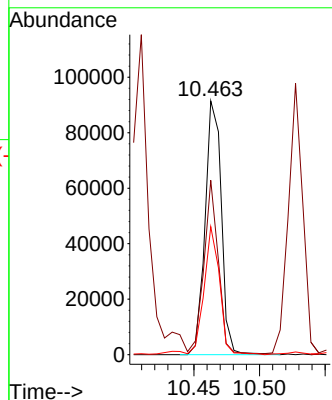
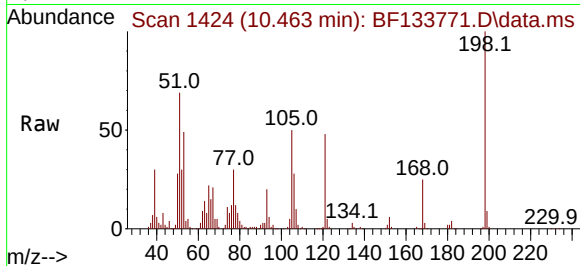




#65
4,6-Dinitro-2-methylphenol
Concen: 50.916 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

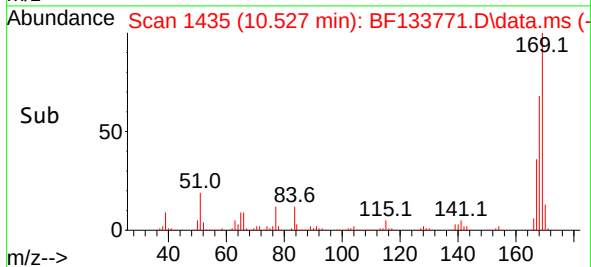
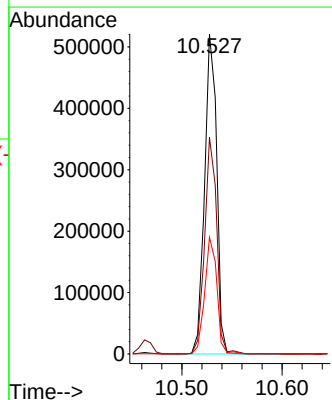
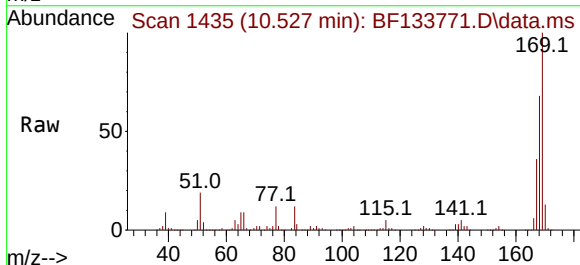
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

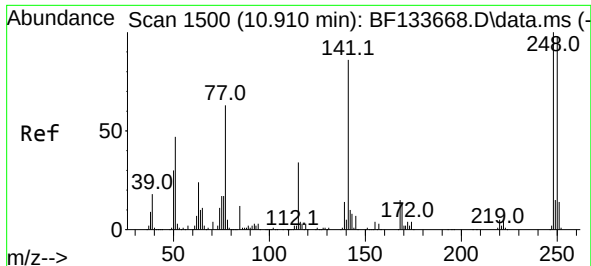
Tgt Ion:198 Resp: 79148
Ion Ratio Lower Upper
198 100
51 68.8 27.5 67.5#
105 50.4 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 40.297 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:169 Resp: 440333
Ion Ratio Lower Upper
169 100
168 67.7 53.7 80.5
167 36.4 29.8 44.8

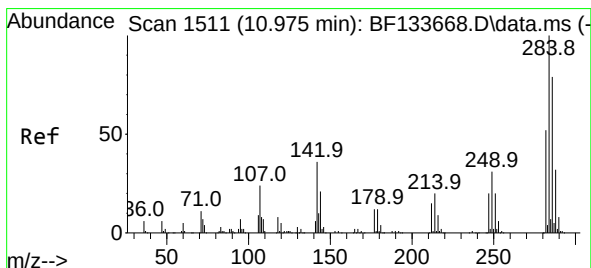
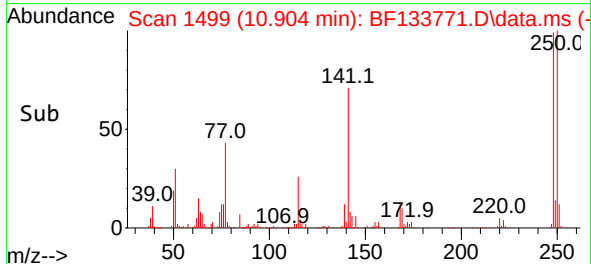
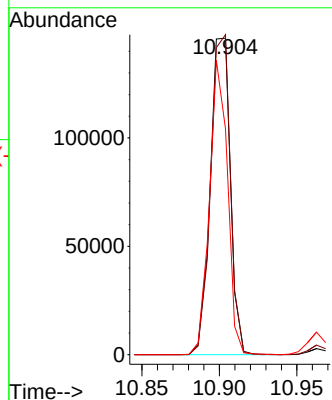
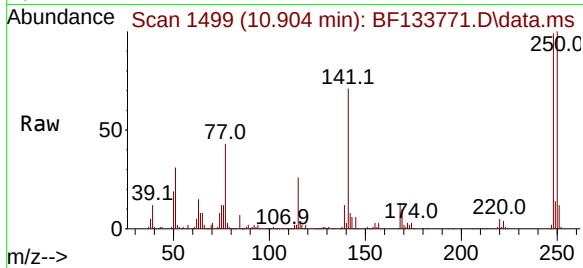




#67
4-Bromophenyl-phenylether
Concen: 36.314 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

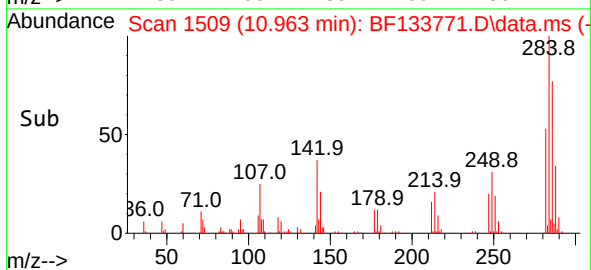
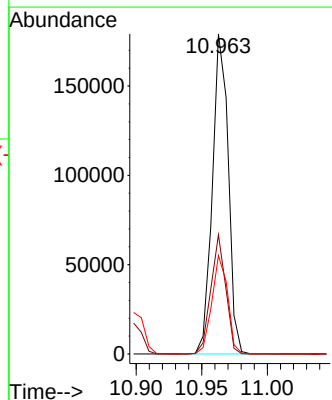
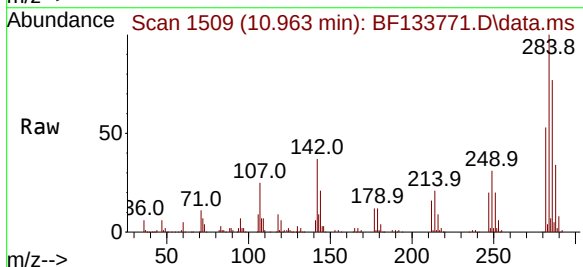
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

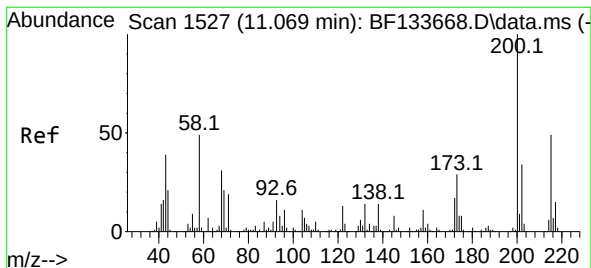
Tgt Ion:248 Resp: 131851
Ion Ratio Lower Upper
248 100
250 101.1 78.3 117.5
141 71.4 69.0 103.6



#68
Hexachlorobenzene
Concen: 39.508 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:284 Resp: 150846
Ion Ratio Lower Upper
284 100
142 37.3 28.6 42.8
249 30.7 24.6 36.8





#69

Atrazine

Concen: 38.758 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

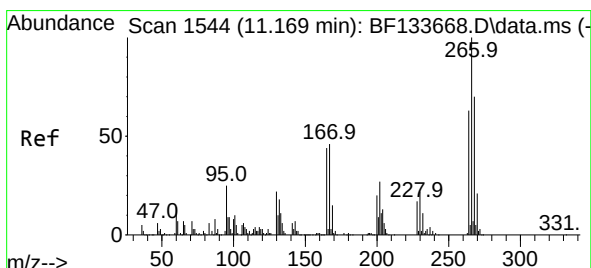
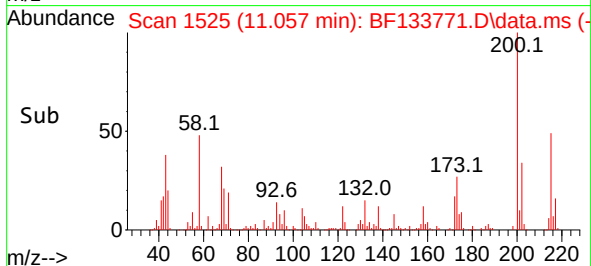
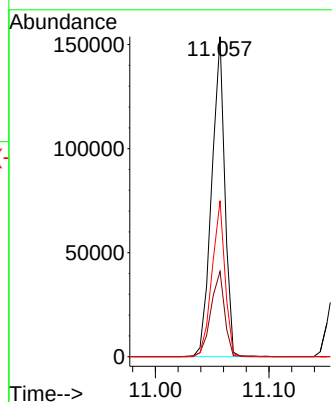
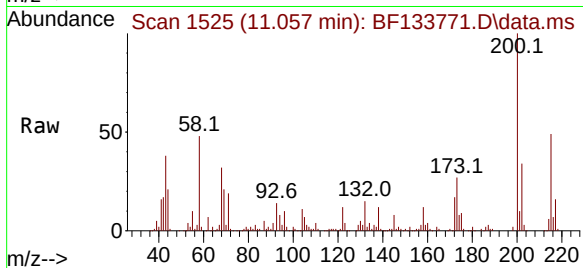
Tgt Ion:200 Resp: 122882

Ion Ratio Lower Upper

200 100

173 26.6 8.7 48.7

215 48.8 29.0 69.0



#70

Pentachlorophenol

Concen: 71.658 ng

RT: 11.157 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

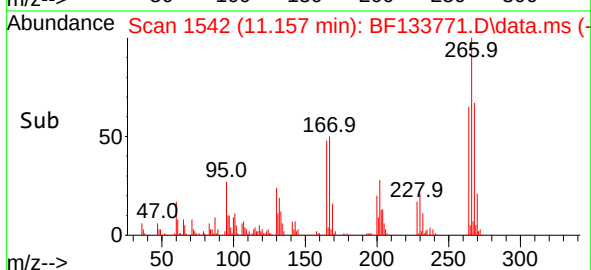
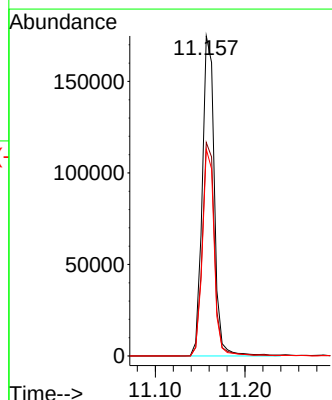
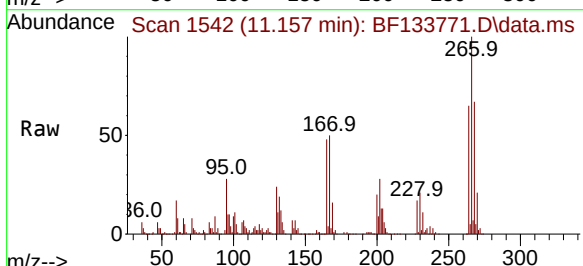
Tgt Ion:266 Resp: 163832

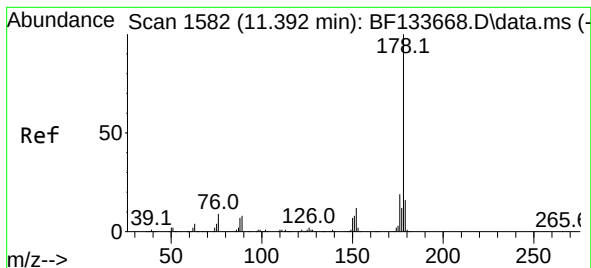
Ion Ratio Lower Upper

266 100

268 66.7 55.7 83.5

264 64.6 50.7 76.1





#71

Phenanthrene

Concen: 42.189 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

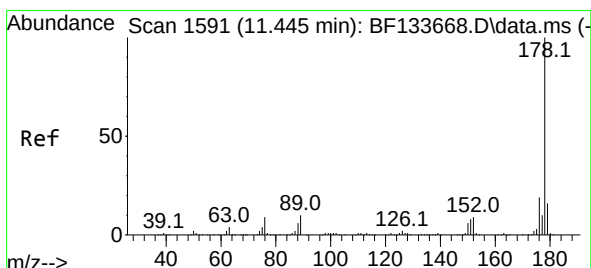
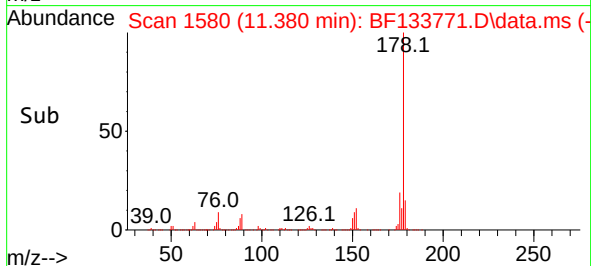
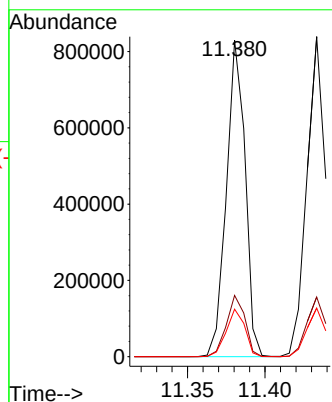
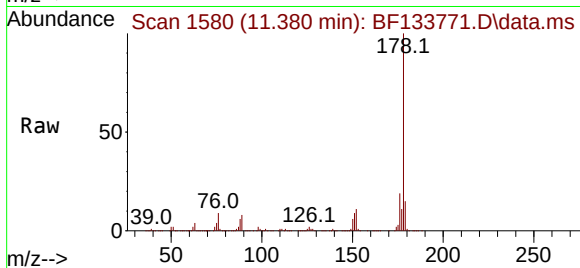
Tgt Ion:178 Resp: 696305

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.0 12.4 18.6



#72

Anthracene

Concen: 40.533 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

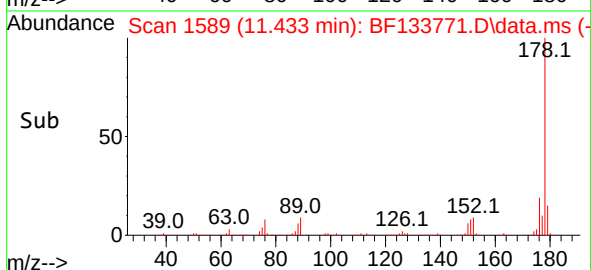
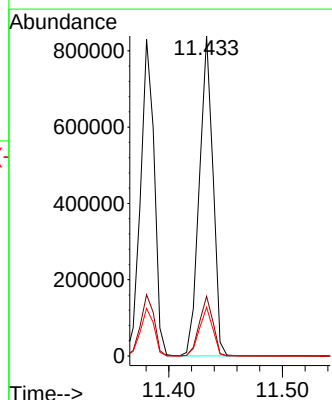
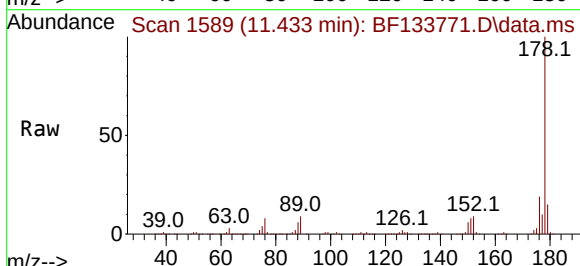
Tgt Ion:178 Resp: 697532

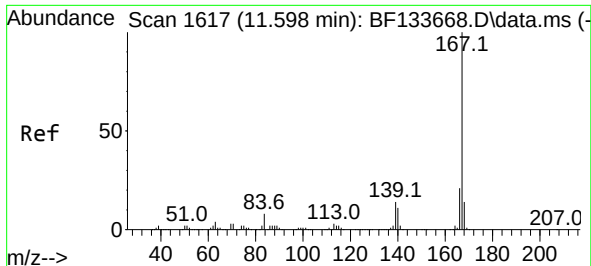
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.2 12.6 18.8

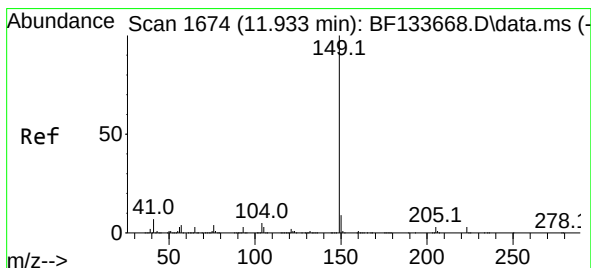
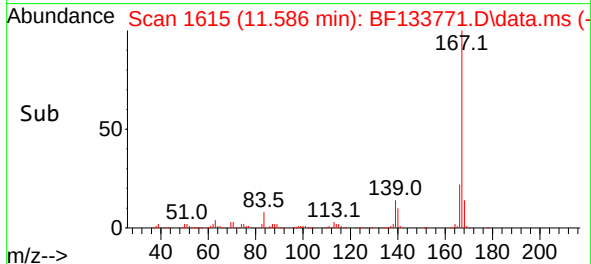
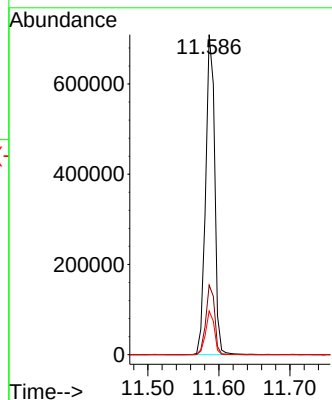
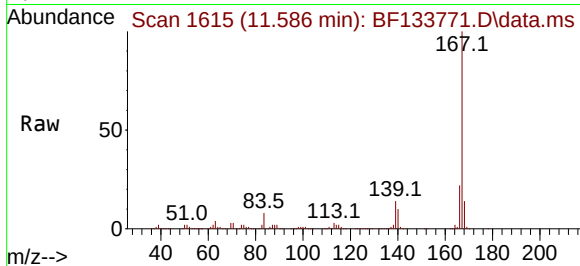




#73
 Carbazole
 Concen: 39.426 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.012 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

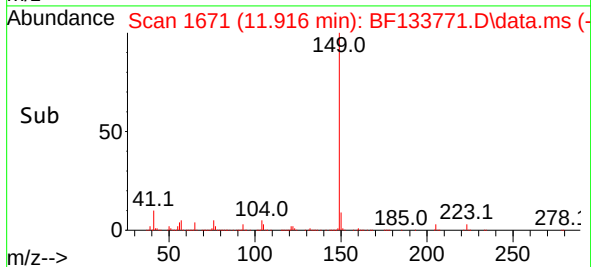
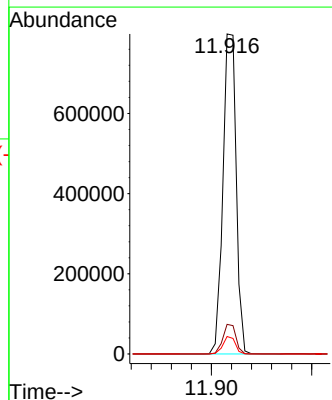
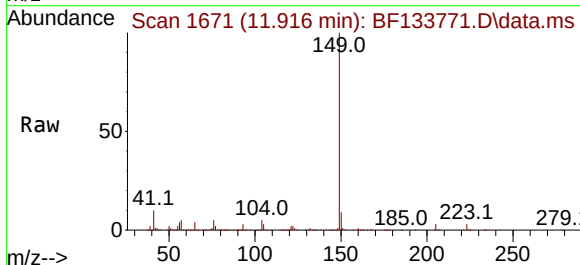
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMS

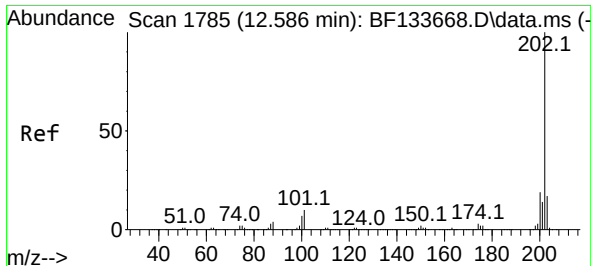
Tgt Ion:167 Resp: 631915
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.6 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 35.648 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

Tgt Ion:149 Resp: 732469
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 3.8 5.8

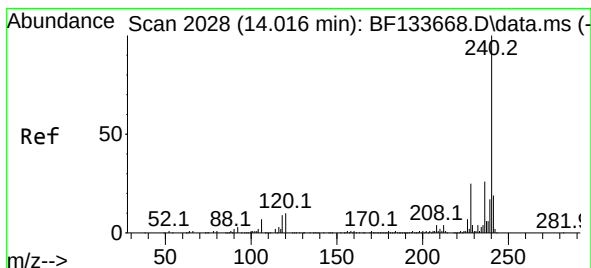
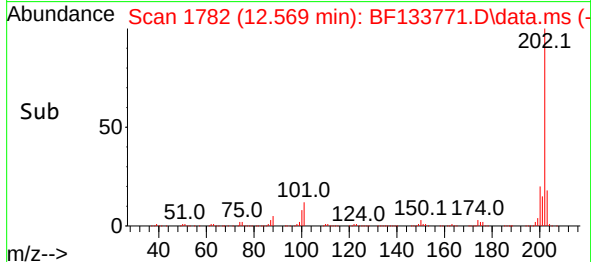
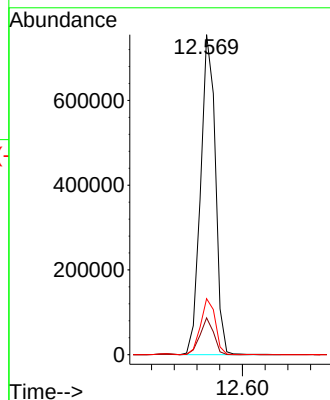
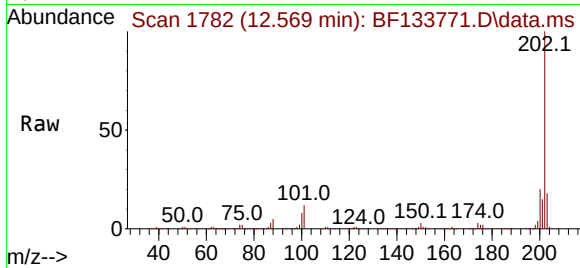




#75
Fluoranthene
Concen: 38.853 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

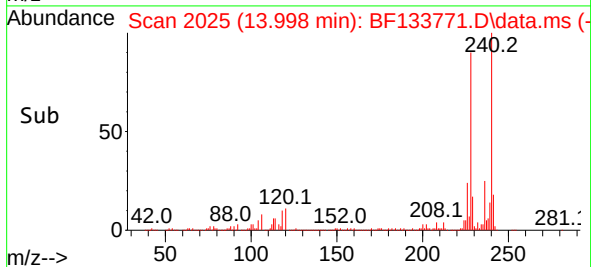
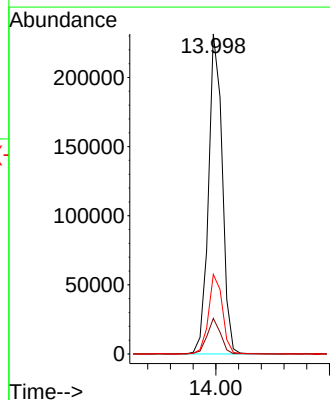
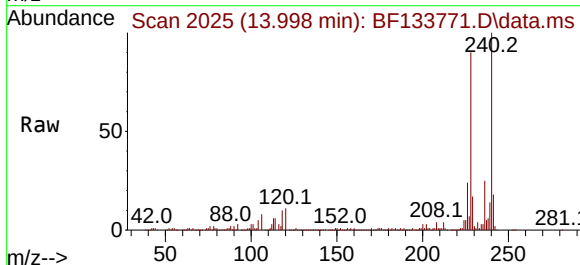
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

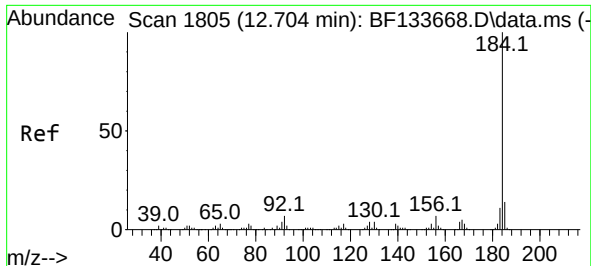
Tgt Ion:202 Resp: 680952
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:240 Resp: 194229
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 24.9 20.5 30.7

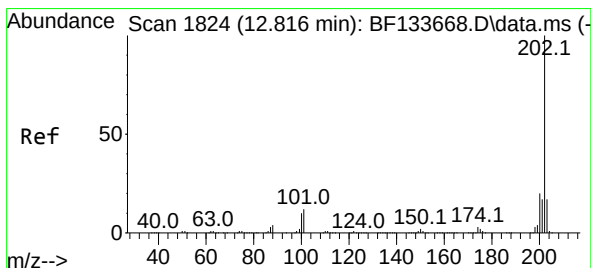
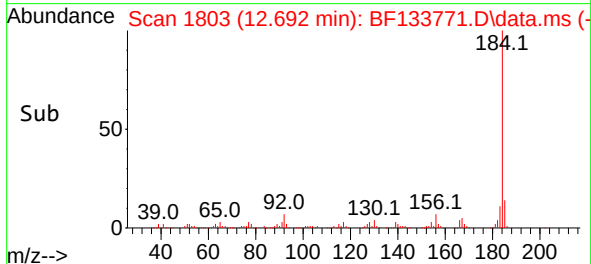
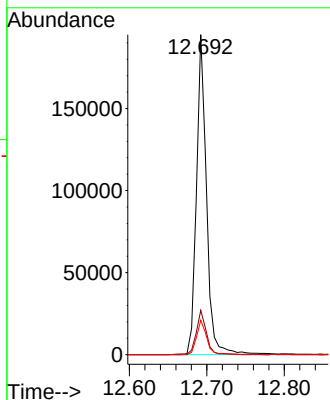
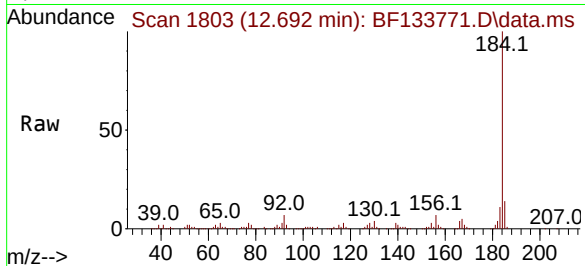




#77
Benzidine
Concen: 26.995 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

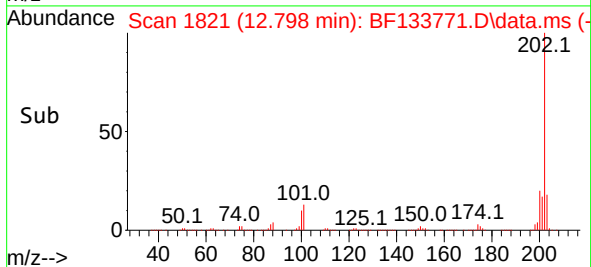
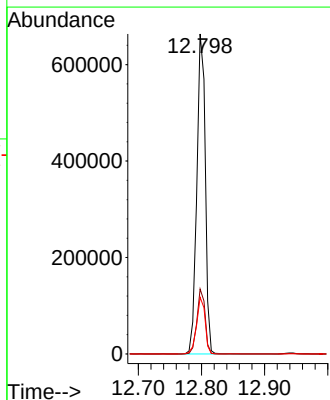
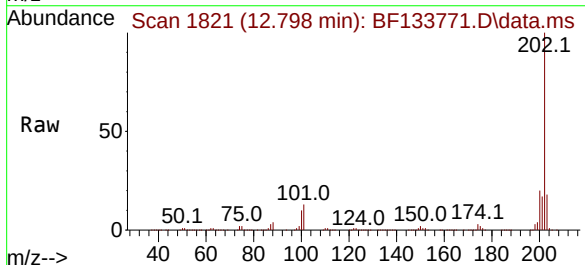
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

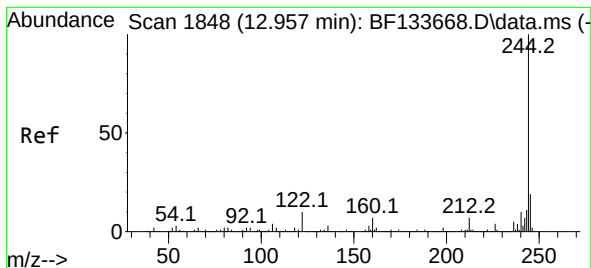
Tgt Ion:184 Resp: 175942
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 10.7 8.4 12.6



#78
Pyrene
Concen: 34.009 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:202 Resp: 615333
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 45.465 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

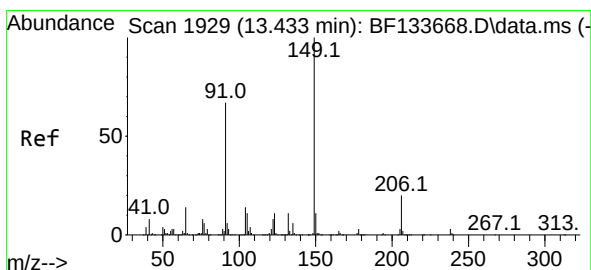
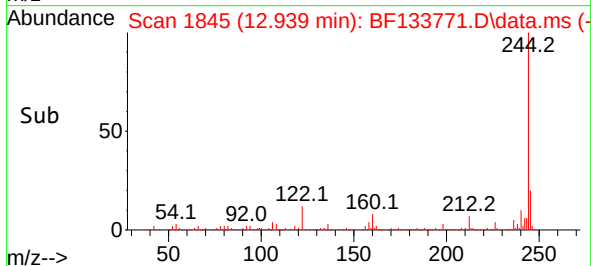
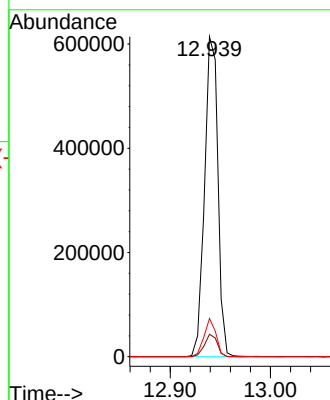
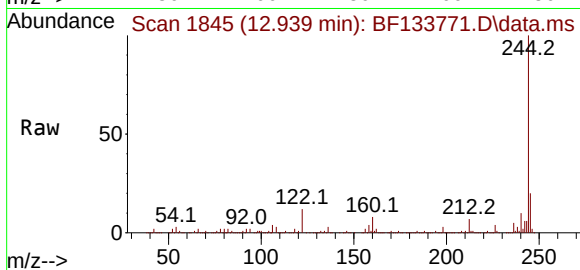
Tgt Ion:244 Resp: 570697

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.0 8.1 12.1



#80

Butylbenzylphthalate

Concen: 33.355 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

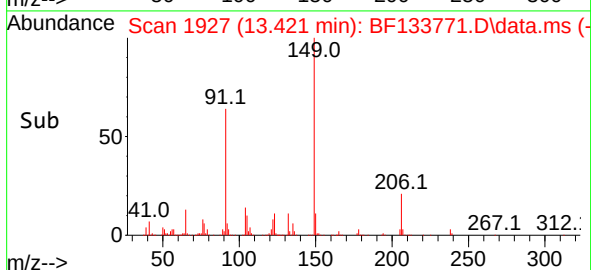
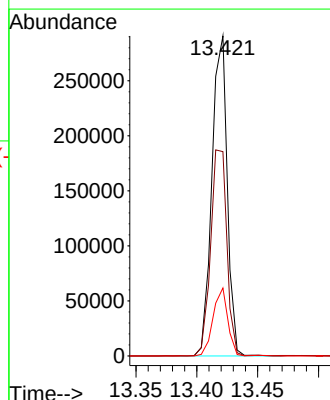
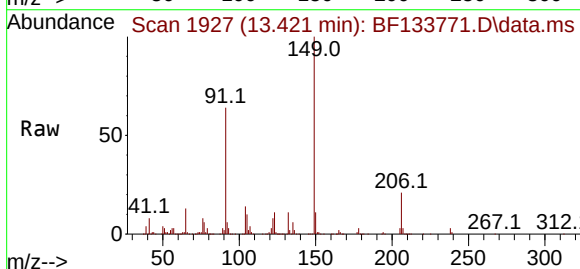
Tgt Ion:149 Resp: 254774

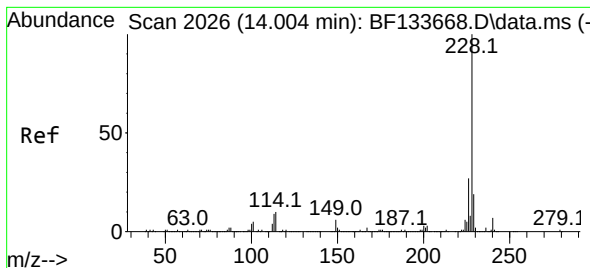
Ion Ratio Lower Upper

149 100

91 63.8 54.0 81.0

206 21.3 15.6 23.4





#81

Benzo(a)anthracene

Concen: 40.846 ng

RT: 13.992 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

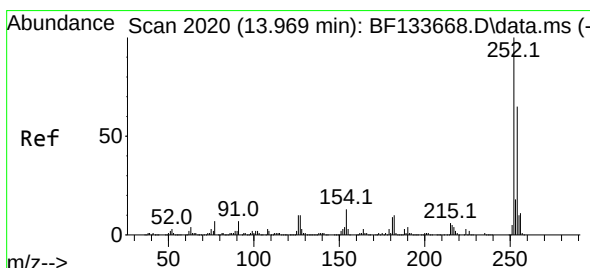
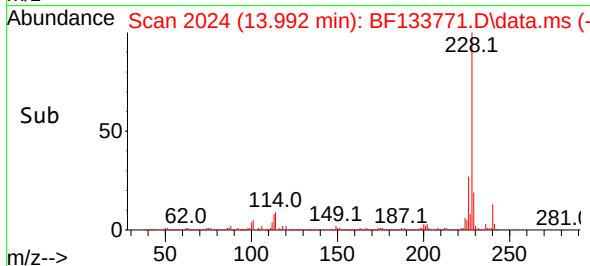
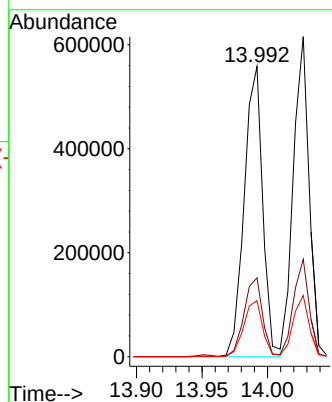
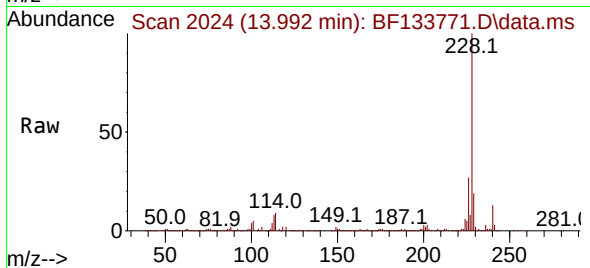
Tgt Ion:228 Resp: 548762

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.3 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 37.789 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

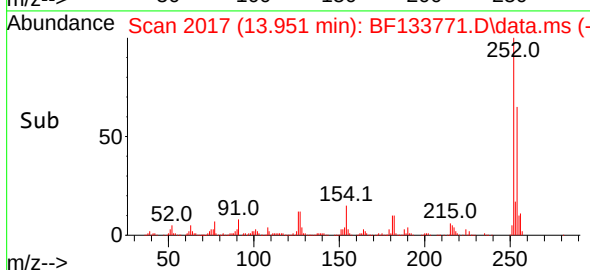
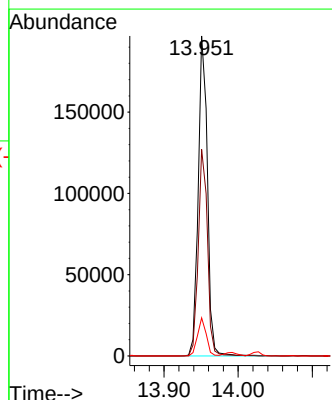
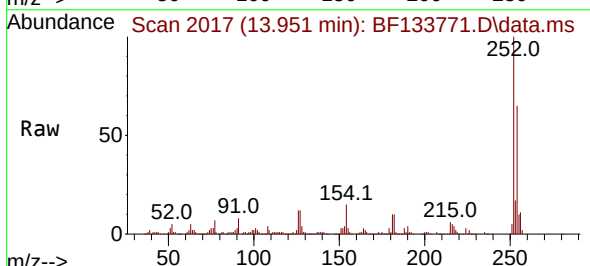
Tgt Ion:252 Resp: 168786

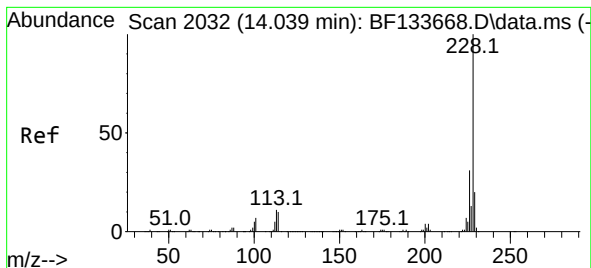
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 11.9 7.7 11.5#





#83

Chrysene

Concen: 40.520 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

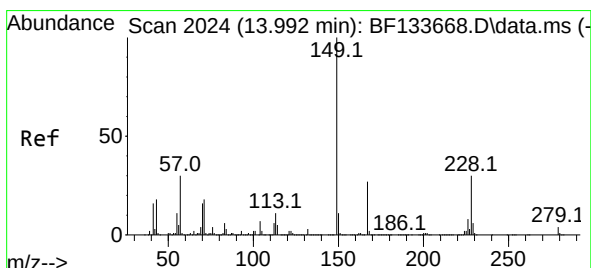
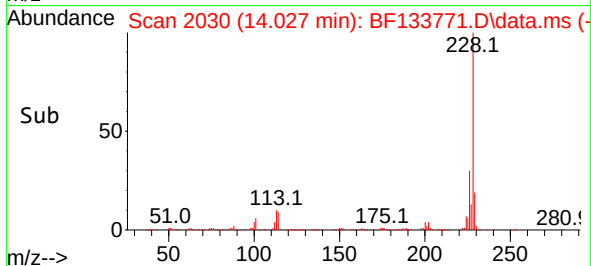
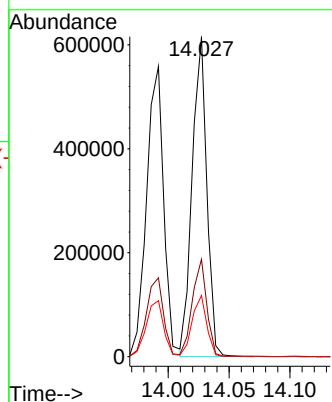
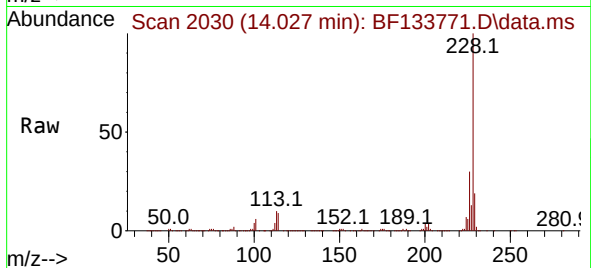
Tgt Ion:228 Resp: 514887

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 19.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.698 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

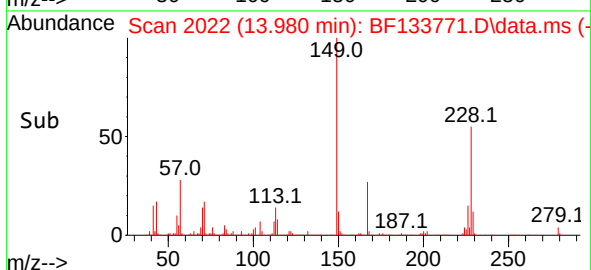
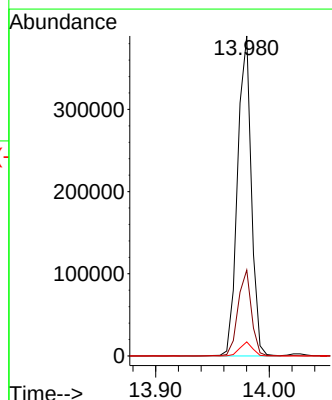
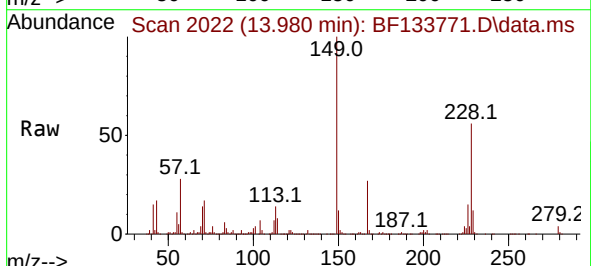
Tgt Ion:149 Resp: 326334

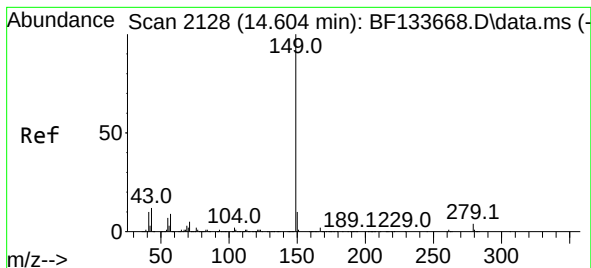
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.936 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMS

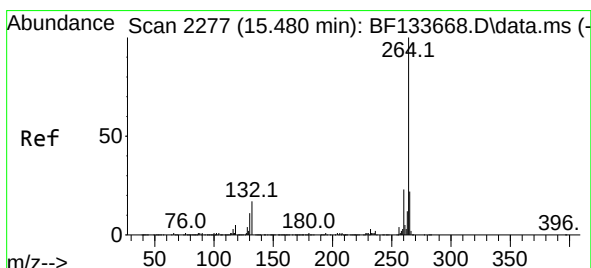
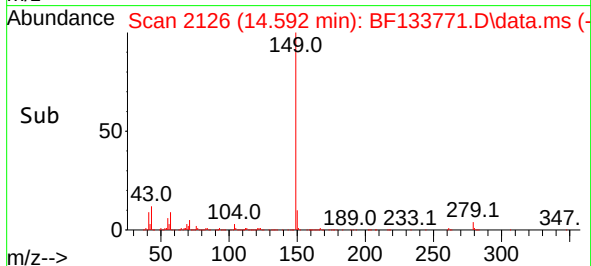
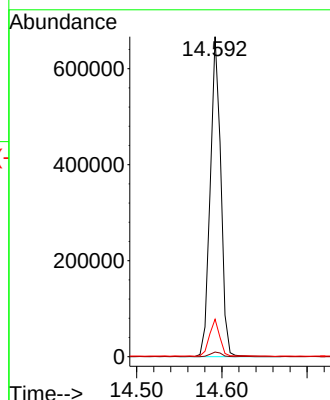
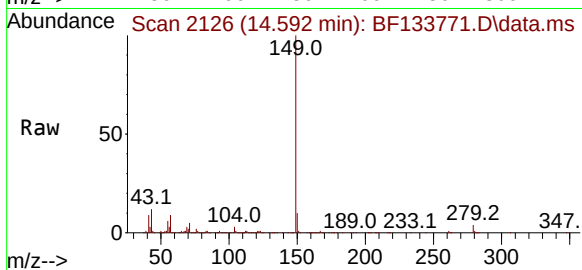
Tgt Ion:149 Resp: 573837

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.6 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BF133771.D

Acq: 15 Jun 2023 12:59

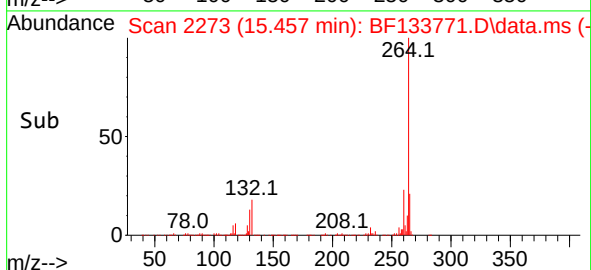
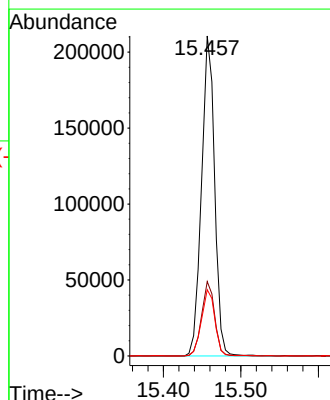
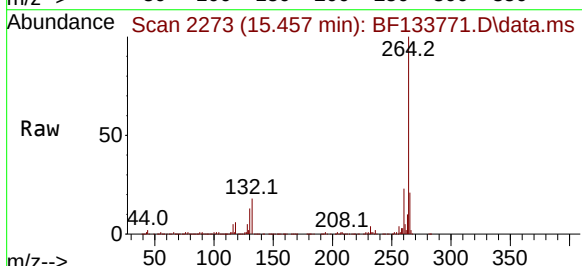
Tgt Ion:264 Resp: 247199

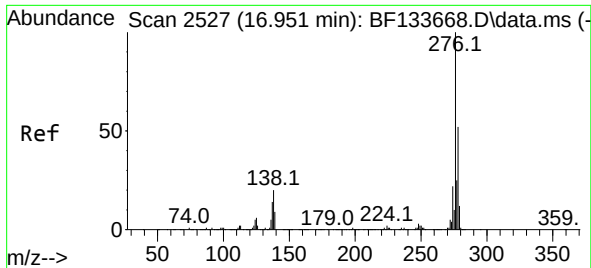
Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 20.7 17.8 26.6

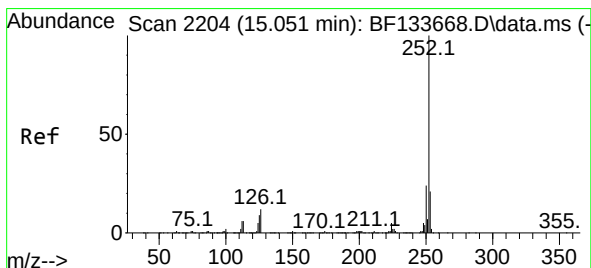
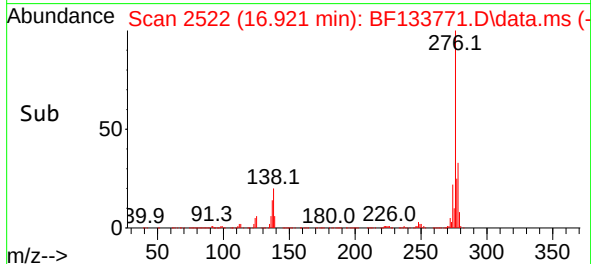
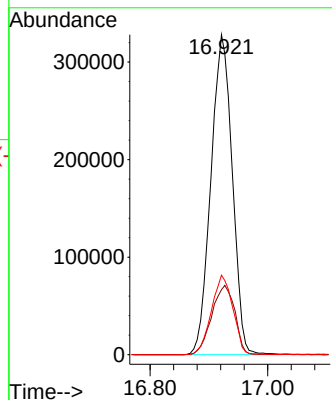
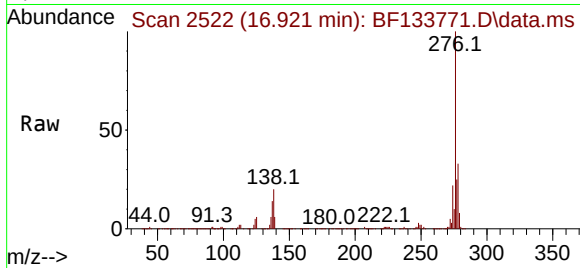




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.696 ng
 RT: 16.921 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

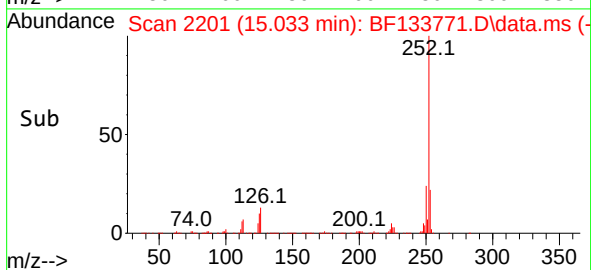
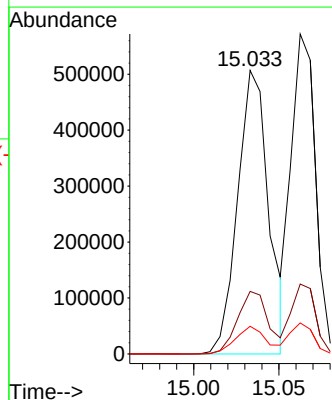
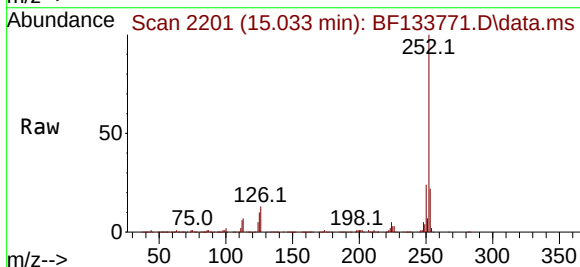
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMS

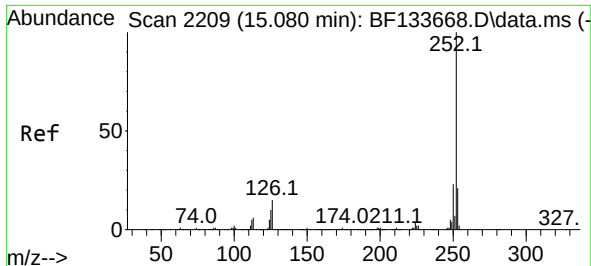
Tgt Ion:276 Resp: 828162
 Ion Ratio Lower Upper
 276 100
 138 23.4 17.9 26.9
 277 25.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.800 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.012 min
 Lab File: BF133771.D
 Acq: 15 Jun 2023 12:59

Tgt Ion:252 Resp: 642702
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 9.7 7.3 10.9

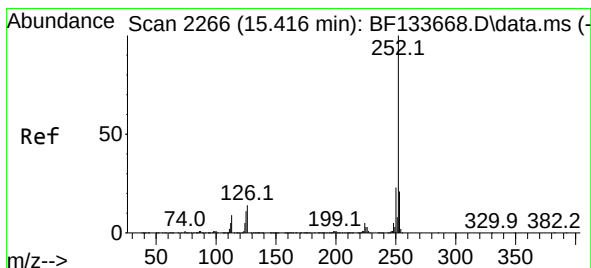
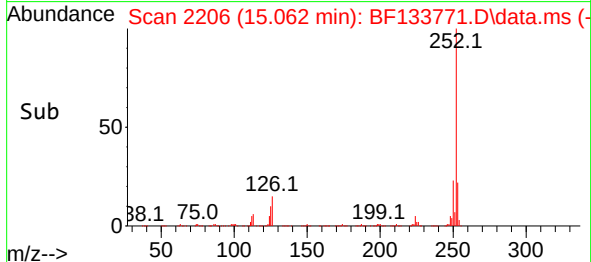
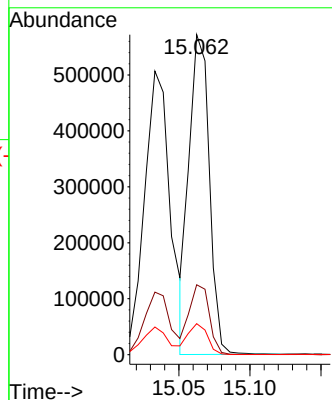
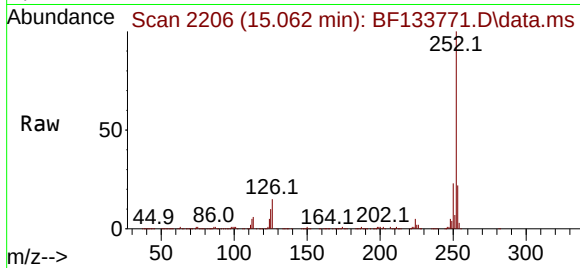




#89
Benzo(k)fluoranthene
Concen: 38.752 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

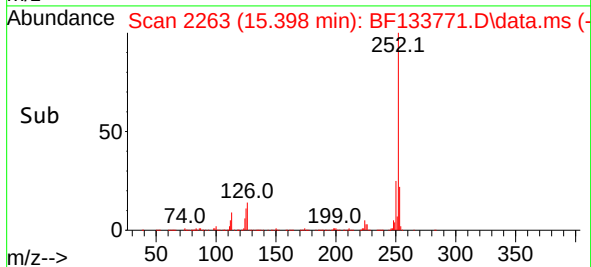
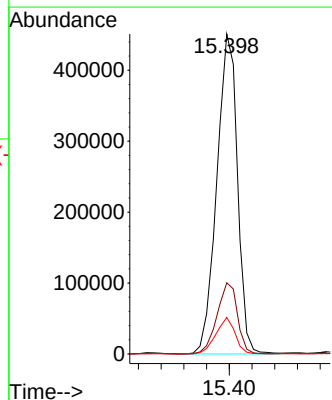
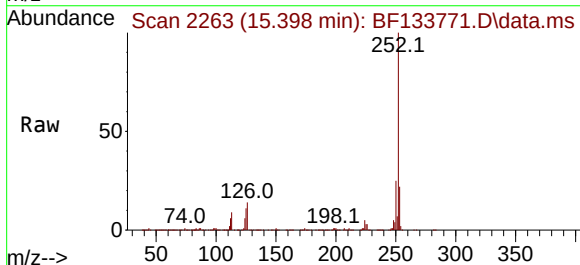
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

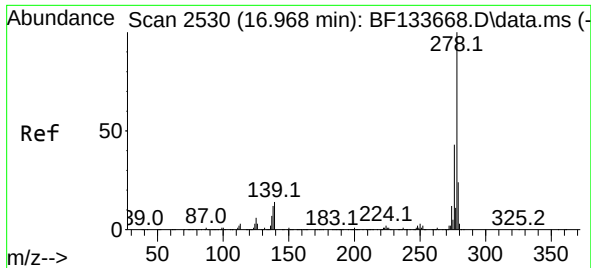
Tgt Ion:252 Resp: 566852
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.7 7.8 11.6



#90
Benzo(a)pyrene
Concen: 40.980 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:252 Resp: 571113
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.4 8.6 13.0

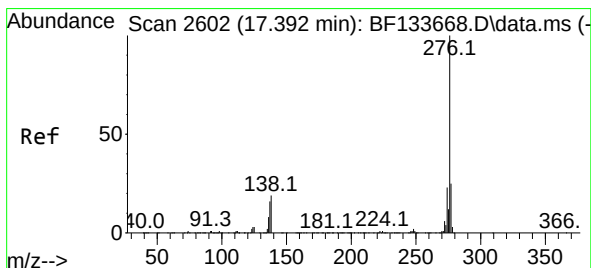
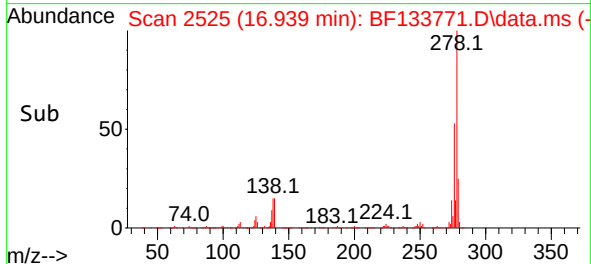
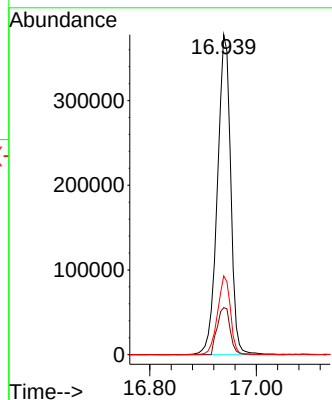
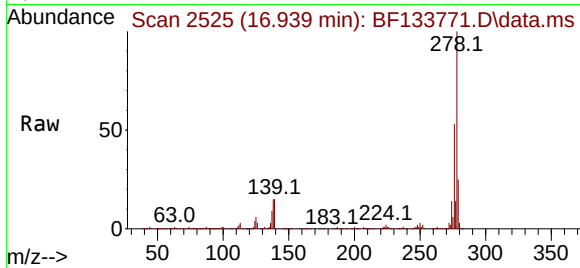




#91
Dibenzo(a,h)anthracene
Concen: 46.439 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

Tgt Ion:278 Resp: 653836
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 24.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.677 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF133771.D
Acq: 15 Jun 2023 12:59

Tgt Ion:276 Resp: 595751
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 19.2 15.0 22.4

