

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133772.D
 Acq On : 15 Jun 2023 13:32
 Operator : CG\JU
 Sample : 03167-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMSD

Quant Time: Jun 15 13:54:43 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	98527	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	372684	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	175386	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	330863	20.000	ng	0.00
76) Chrysene-d12	13.998	240	186711	20.000	ng	-0.01
86) Perylene-d12	15.457	264	231732	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	430025	75.982	ng	0.00
7) Phenol-d6	6.463	99	524198	71.157	ng	0.00
23) Nitrobenzene-d5	7.393	82	354157	51.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	154678	69.672	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	638765	51.772	ng	0.00
79) Terphenyl-d14	12.945	244	581613	48.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	90755	36.475	ng	98
3) Pyridine	3.340	79	215325	29.691	ng	97
4) n-Nitrosodimethylamine	3.299	42	158549	39.550	ng	100
6) Aniline	6.493	93	306623	33.046	ng	99
8) 2-Chlorophenol	6.610	128	247840	41.554	ng	99
9) Benzaldehyde	6.381	77	136436	27.915	ng	98
10) Phenol	6.475	94	302257	39.293	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	228826	40.069	ng	100
12) 1,3-Dichlorobenzene	6.769	146	270827	42.499	ng	97
13) 1,4-Dichlorobenzene	6.845	146	270378	41.979	ng	98
14) 1,2-Dichlorobenzene	6.998	146	260210	44.711	ng	98
15) Benzyl Alcohol	6.975	79	226478	39.362	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	407746	42.120	ng	99
17) 2-Methylphenol	7.081	107	199824	37.799	ng	99
18) Hexachloroethane	7.340	117	102545	46.506	ng	92
19) n-Nitroso-di-n-propyla...	7.245	70	176548	37.667	ng	100
20) 3+4-Methylphenols	7.240	107	243688	35.435	ng	# 73
22) Acetophenone	7.240	105	339624	39.733	ng	93
24) Nitrobenzene	7.416	77	267333	38.801	ng	99
25) Isophorone	7.651	82	471250	37.514	ng	99
26) 2-Nitrophenol	7.728	139	133886	43.299	ng	94
27) 2,4-Dimethylphenol	7.769	122	206111	38.673	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	273763	37.707	ng	99
29) 2,4-Dichlorophenol	7.969	162	201757	38.626	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	216394	39.707	ng	96
31) Naphthalene	8.140	128	684719	37.711	ng	99
32) Benzoic acid	7.881	122	147322	43.829	ng	91
33) 4-Chloroaniline	8.181	127	177524	22.866	ng	99
34) Hexachlorobutadiene	8.251	225	136443	38.240	ng	99
35) Caprolactam	8.557	113	50072	28.488	ng	97
36) 4-Chloro-3-methylphenol	8.663	107	221621	36.809	ng	97
37) 2-Methylnaphthalene	8.828	142	455562	36.110	ng	98
38) 1-Methylnaphthalene	8.928	142	425779	36.677	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	218357	40.953	ng	99
41) Hexachlorocyclopentadiene	8.981	237	262769	110.590	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	146052	40.992	ng	98

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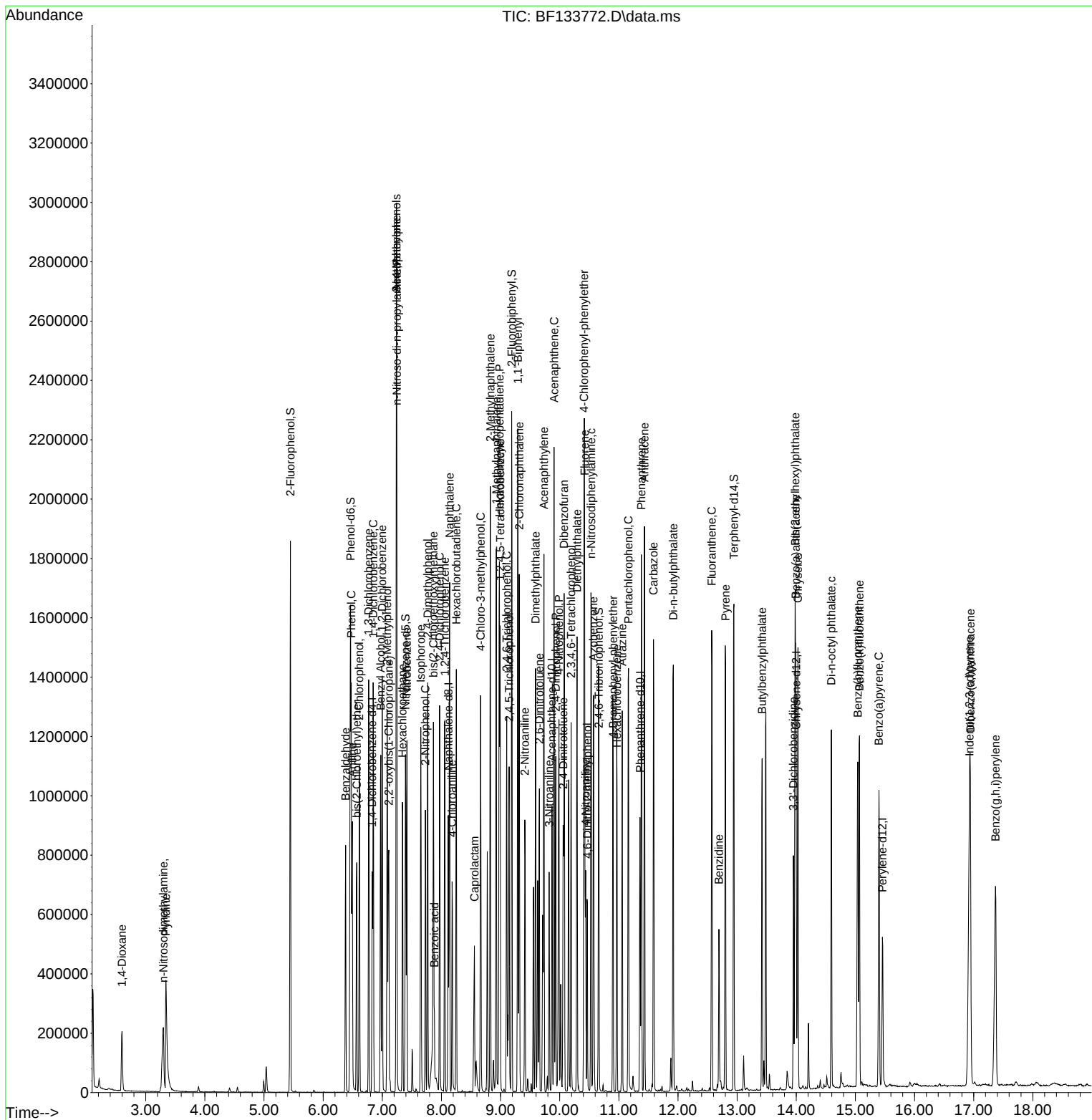
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	152266	36.734	ng	97
46) 1,1'-Biphenyl	9.292	154	581142	41.084	ng	100
47) 2-Chloronaphthalene	9.316	162	415677	40.967	ng	99
48) 2-Nitroaniline	9.410	65	144782	39.016	ng	93
49) Acenaphthylene	9.734	152	690855	39.120	ng	100
50) Dimethylphthalate	9.592	163	486565	37.167	ng	100
51) 2,6-Dinitrotoluene	9.657	165	105685	39.112	ng	# 87
52) Acenaphthene	9.904	154	408630	39.531	ng	98
53) 3-Nitroaniline	9.822	138	94345	28.691	ng	84
54) 2,4-Dinitrophenol	9.934	184	119014	89.409	ng	90
55) Dibenzofuran	10.075	168	624572	39.597	ng	96
56) 4-Nitrophenol	9.986	139	172934	77.924	ng	81
57) 2,4-Dinitrotoluene	10.063	165	140162	40.785	ng	87
58) Fluorene	10.422	166	475151	39.391	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	128566	41.428	ng	98
60) Diethylphthalate	10.292	149	501014	37.603	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	226597	38.053	ng	98
62) 4-Nitroaniline	10.439	138	114067	35.379	ng	93
63) Azobenzene	10.569	77	507338	40.223	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	75728	47.898	ng	99
66) n-Nitrosodiphenylamine	10.533	169	417404	37.557	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	139899	37.884	ng	92
68) Hexachlorobenzene	10.969	284	154726	39.843	ng	# 90
69) Atrazine	11.057	200	130684	40.527	ng	98
70) Pentachlorophenol	11.163	266	154967	66.642	ng	99
71) Phenanthrene	11.380	178	654885	39.013	ng	99
72) Anthracene	11.433	178	658881	37.644	ng	99
73) Carbazole	11.586	167	601615	36.905	ng	99
74) Di-n-butylphthalate	11.922	149	720253	34.464	ng	99
75) Fluoranthene	12.569	202	649546	36.438	ng	98
77) Benzidine	12.692	184	206189	32.910	ng	98
78) Pyrene	12.804	202	649534	37.345	ng	99
80) Butylbenzylphthalate	13.422	149	249109	33.926	ng	96
81) Benzo(a)anthracene	13.992	228	509451	39.447	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	151247	35.226	ng	# 98
83) Chrysene	14.027	228	473402	38.755	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	316685	35.028	ng	99
85) Di-n-octyl phthalate	14.592	149	522213	40.646	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	714544	44.820	ng	100
88) Benzo(b)fluoranthene	15.039	252	548198	38.944	ng	98
89) Benzo(k)fluoranthene	15.068	252	503894	36.747	ng	97
90) Benzo(a)pyrene	15.398	252	491020	37.585	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	573601	43.459	ng	99
92) Benzo(g,h,i)perylene	17.368	276	591287	45.184	ng	99

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

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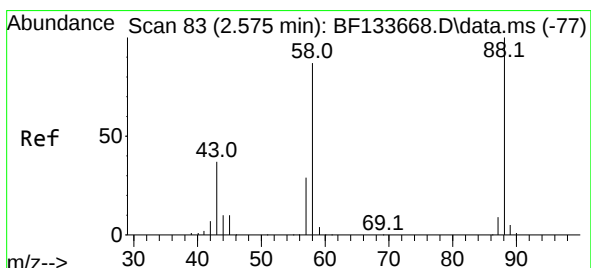
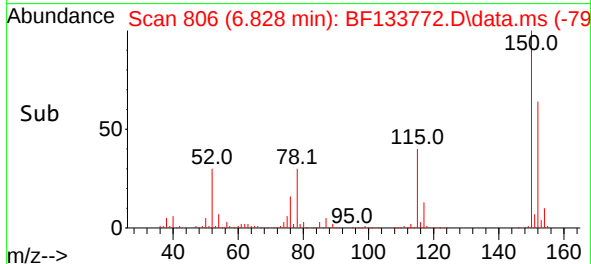
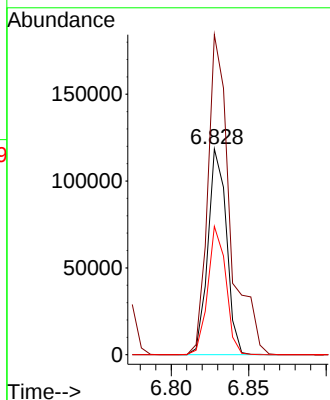
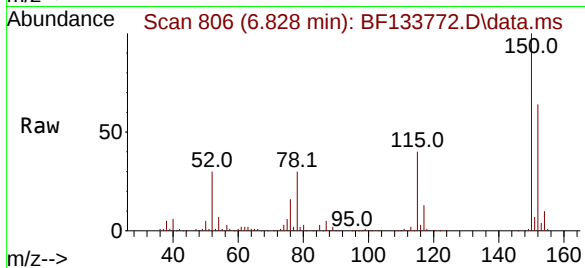




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF133772.D
 Acq: 15 Jun 2023 13:32

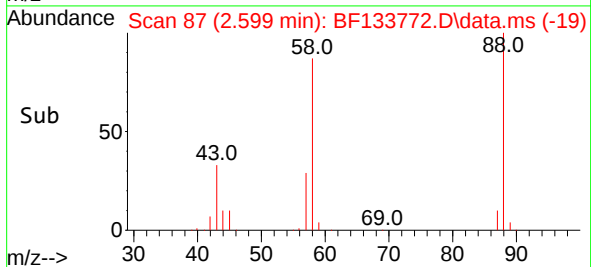
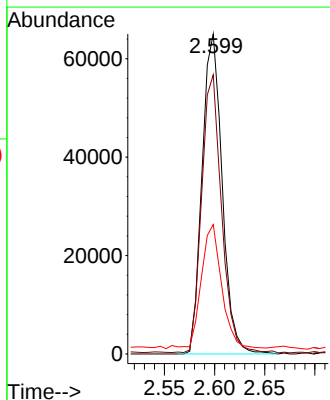
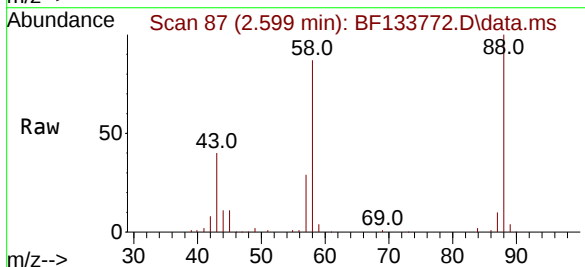
Instrument :
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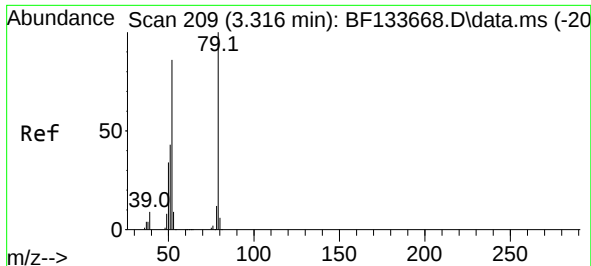
Tgt Ion:152 Resp: 98527
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.3 186.5
 115 62.3 48.5 72.7



#2
 1,4-Dioxane
 Concen: 36.475 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.047 min
 Lab File: BF133772.D
 Acq: 15 Jun 2023 13:32

Tgt Ion: 88 Resp: 90755
 Ion Ratio Lower Upper
 88 100
 58 86.1 67.8 101.6
 43 39.8 29.8 44.6

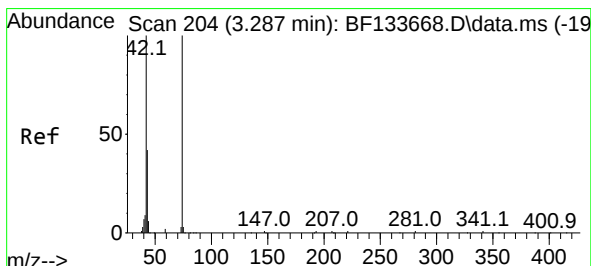
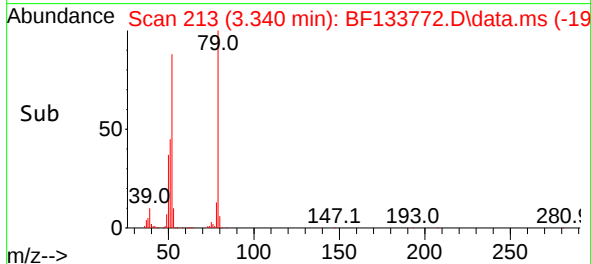
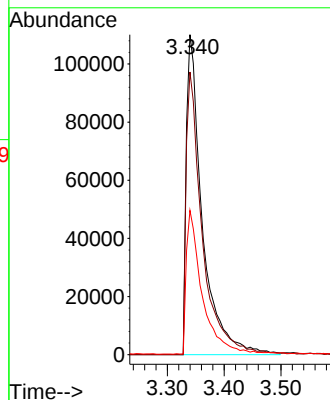
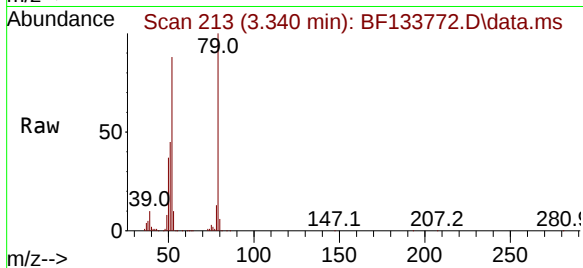




#3
Pyridine
Concen: 29.691 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

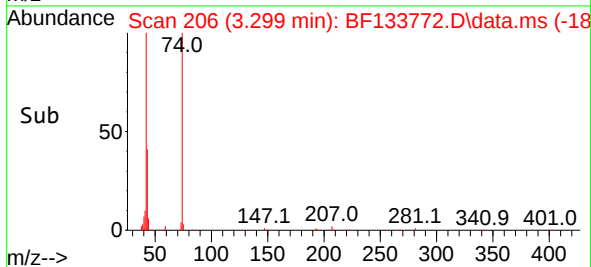
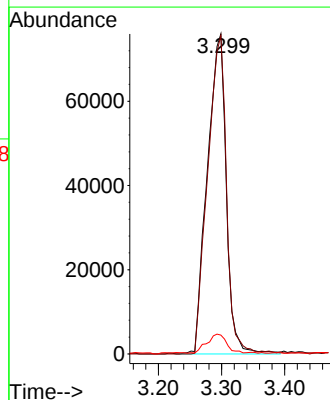
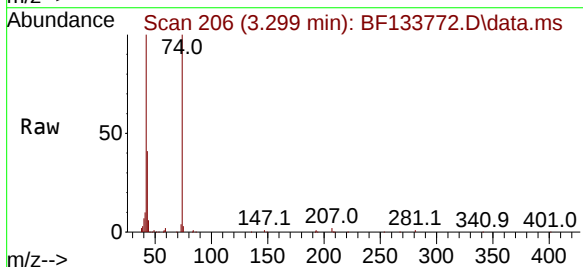
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion: 79 Resp: 215325
Ion Ratio Lower Upper
79 100
52 88.4 68.6 102.8
51 45.1 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 39.550 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.041 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 42 Resp: 158549
Ion Ratio Lower Upper
42 100
74 99.5 79.8 119.8
44 5.9 4.7 7.1

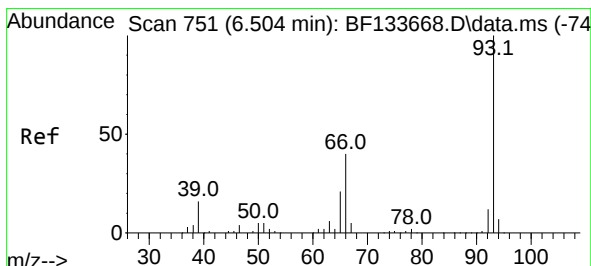
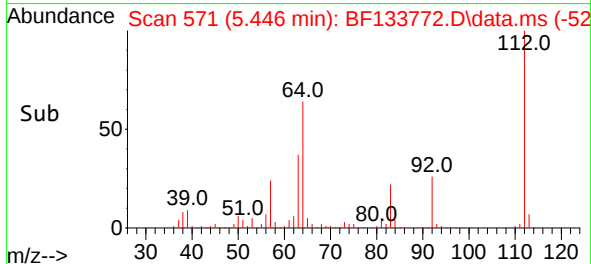
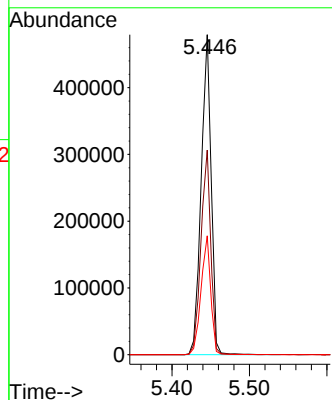
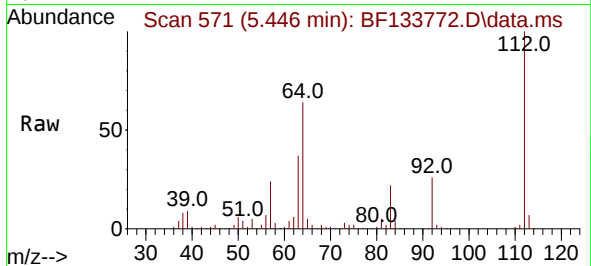




#5
2-Fluorophenol
Concen: 75.982 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

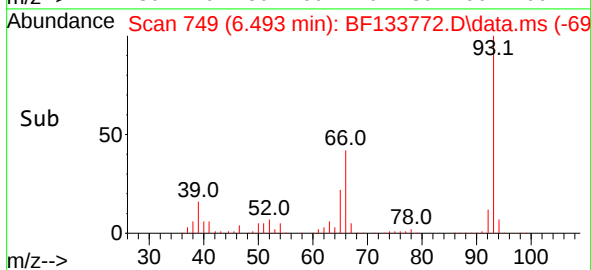
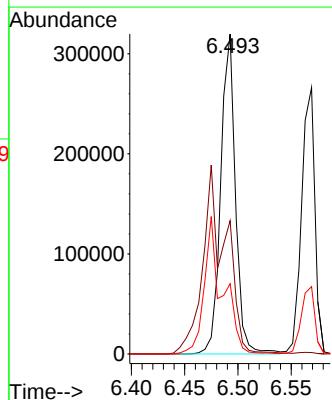
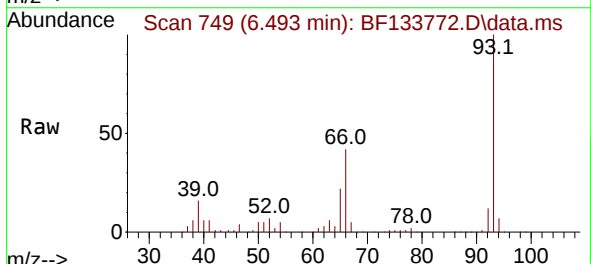
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ClientSampleId :
TP-4-GAMSD

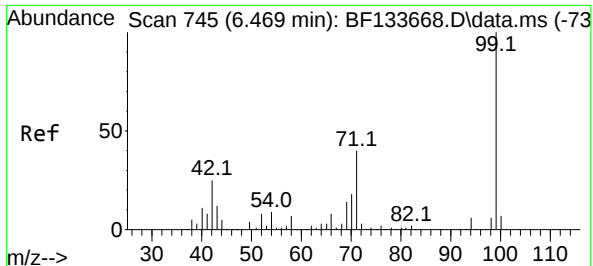
Tgt Ion:112 Resp: 430025
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 37.1 26.8 40.2



#6
Aniline
Concen: 33.046 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 93 Resp: 306623
Ion Ratio Lower Upper
93 100
66 41.6 34.4 51.6
65 21.9 17.5 26.3

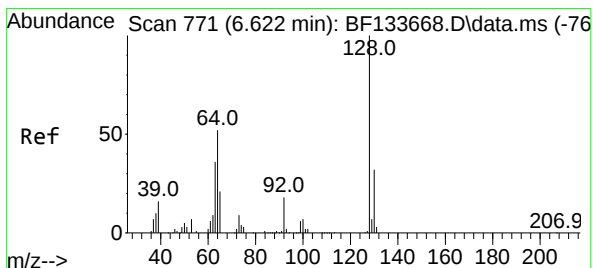
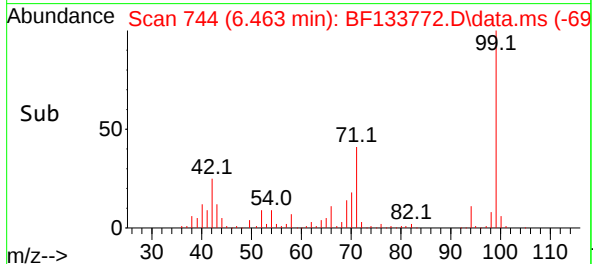
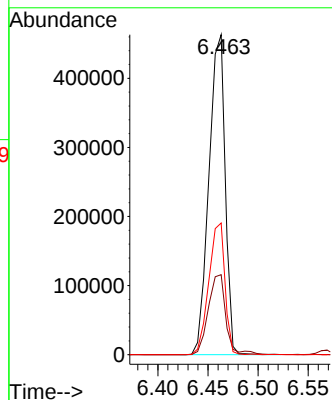
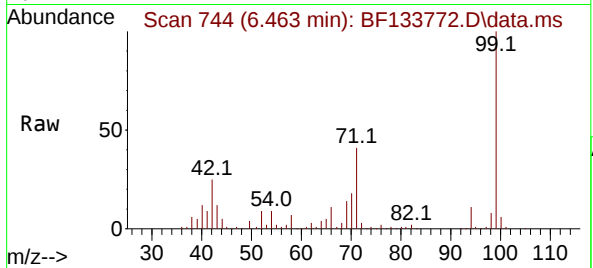




#7
Phenol-d6
Concen: 71.157 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

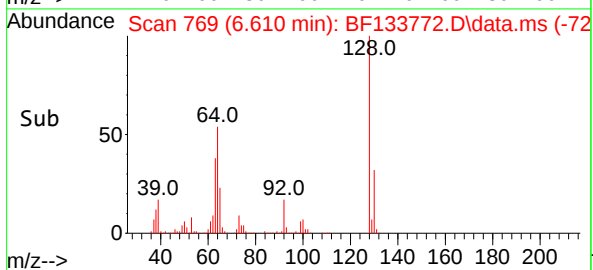
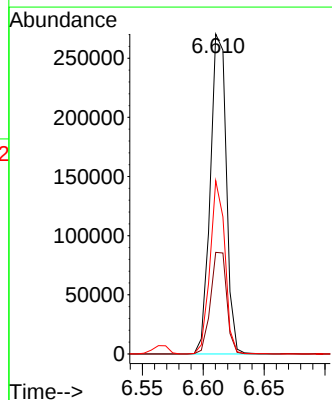
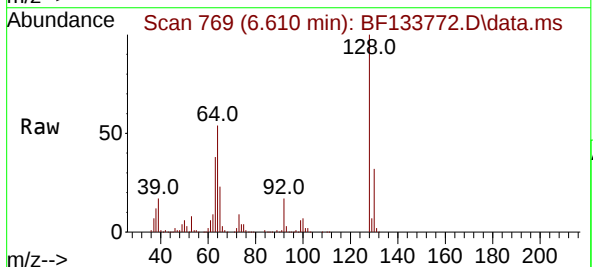
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Tgt Ion: 99 Resp: 524198
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 41.2 32.2 48.4



#8
2-Chlorophenol
Concen: 41.554 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 128 Resp: 247840
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 54.2 33.1 73.1

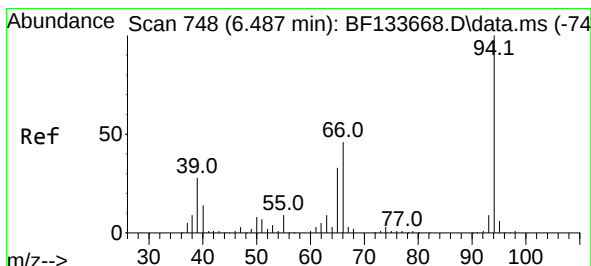
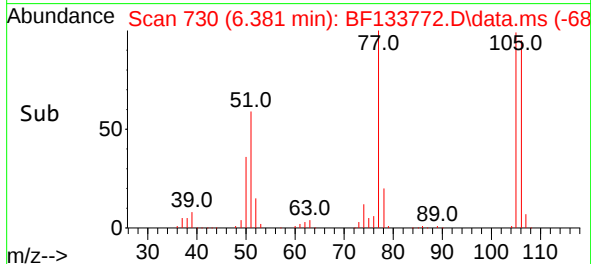
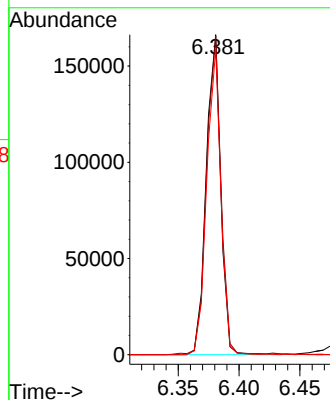
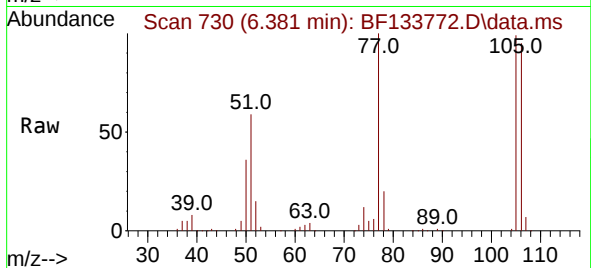




#9
Benzaldehyde
Concen: 27.915 ng
RT: 6.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

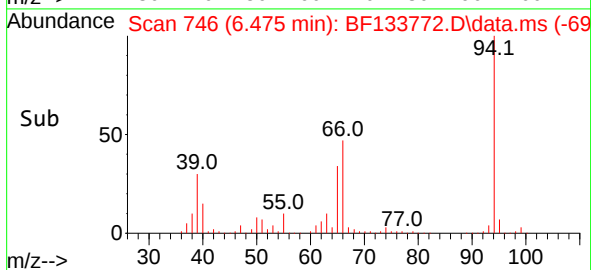
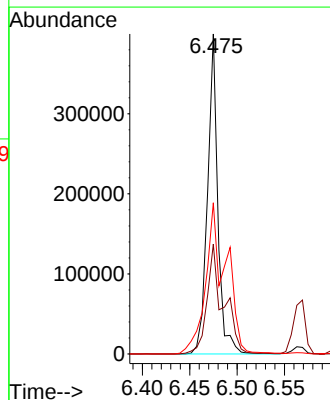
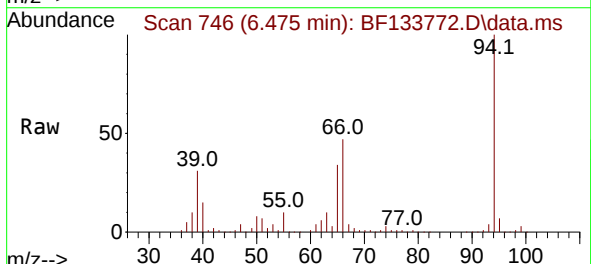
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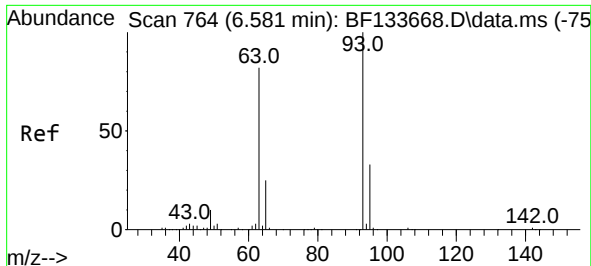
Tgt Ion: 77 Resp: 136436
Ion Ratio Lower Upper
77 100
105 99.5 82.0 122.0
106 95.5 77.6 117.6



#10
Phenol
Concen: 39.293 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 94 Resp: 302257
Ion Ratio Lower Upper
94 100
65 34.4 13.2 53.2
66 47.2 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 40.069 ng

RT: 6.569 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

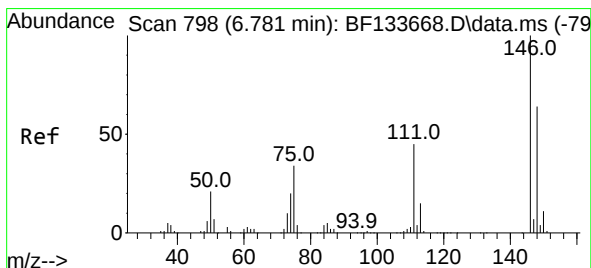
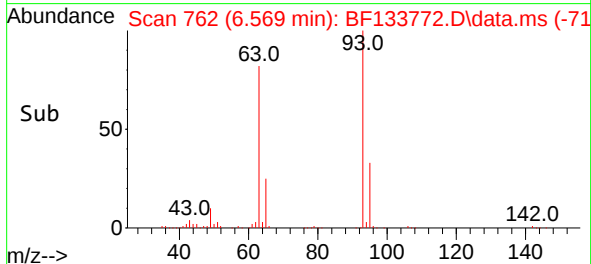
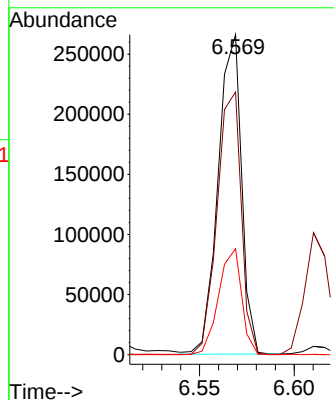
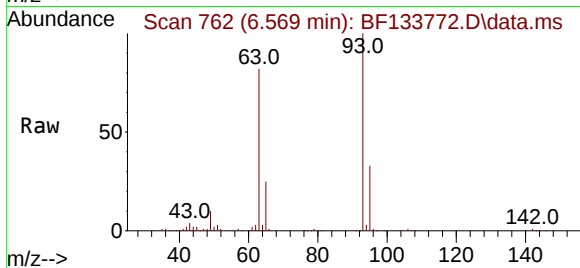
Tgt Ion: 93 Resp: 228826

Ion Ratio Lower Upper

93 100

63 82.1 62.1 102.1

95 33.1 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 42.499 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

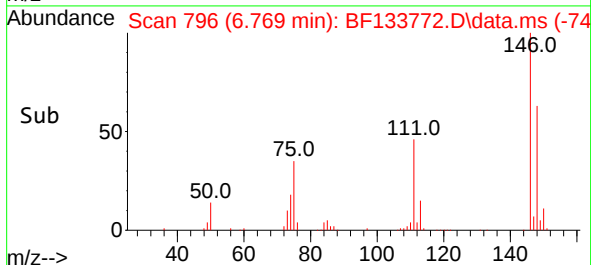
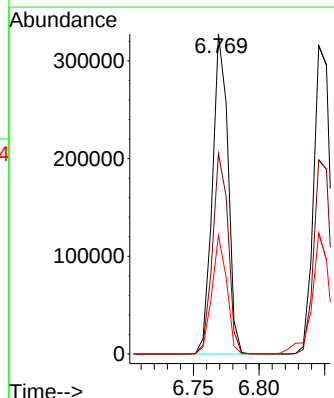
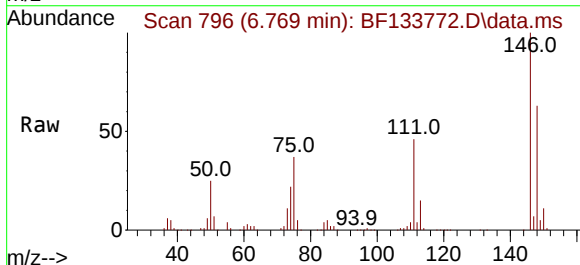
Tgt Ion:146 Resp: 270827

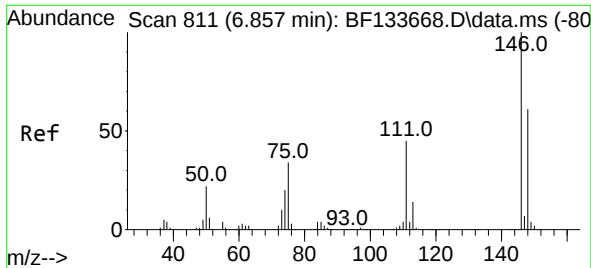
Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

75 37.1 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 41.979 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

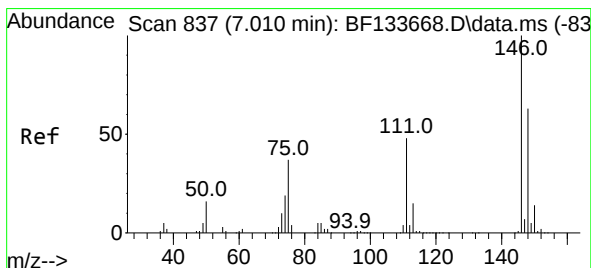
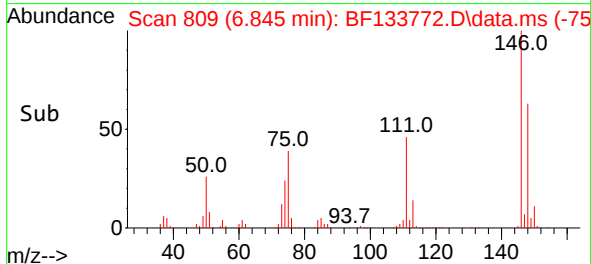
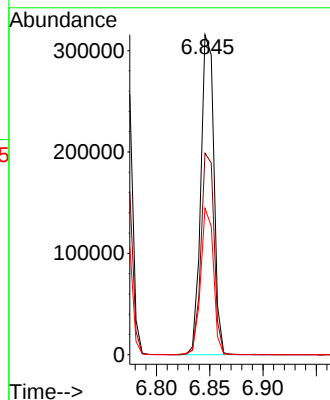
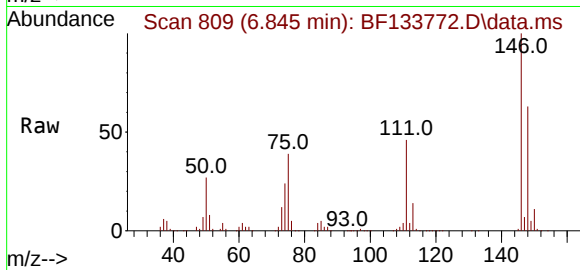
Tgt Ion:146 Resp: 270378

Ion Ratio Lower Upper

146 100

148 63.0 48.9 73.3

111 45.8 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 44.711 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

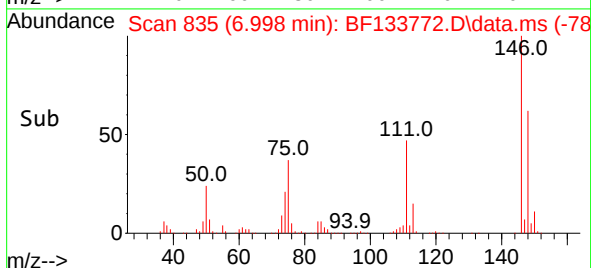
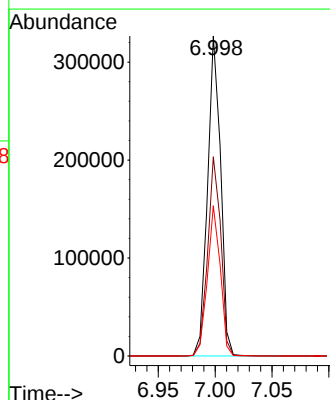
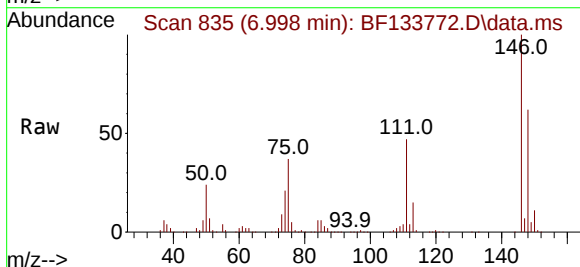
Tgt Ion:146 Resp: 260210

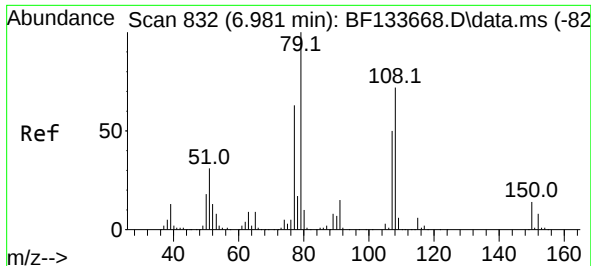
Ion Ratio Lower Upper

146 100

148 62.3 50.6 75.8

111 46.9 38.7 58.1

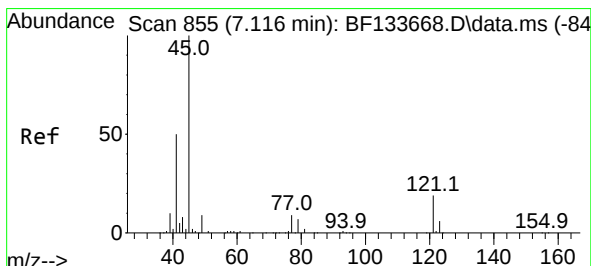
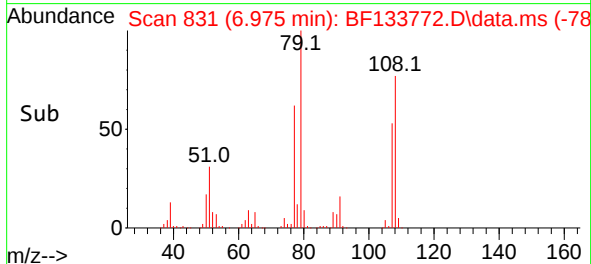
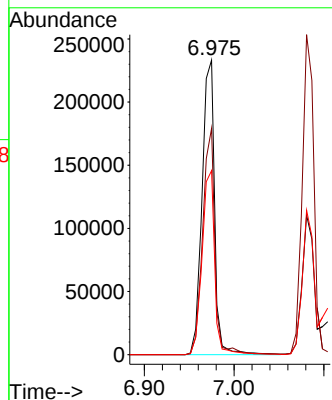
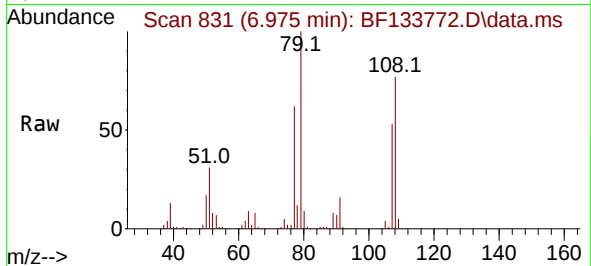




#15
Benzyl Alcohol
Concen: 39.362 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

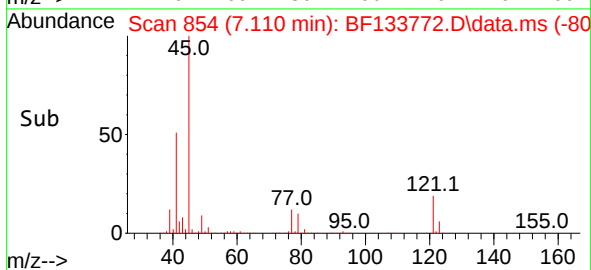
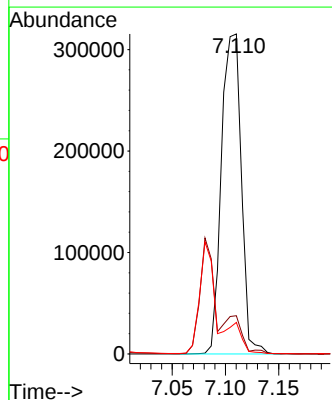
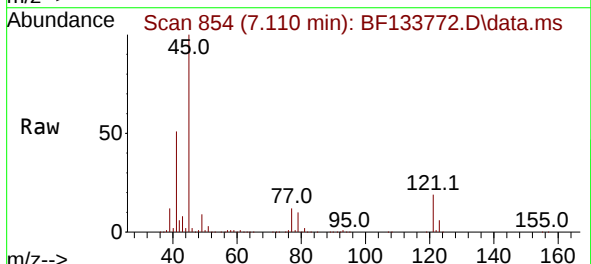
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

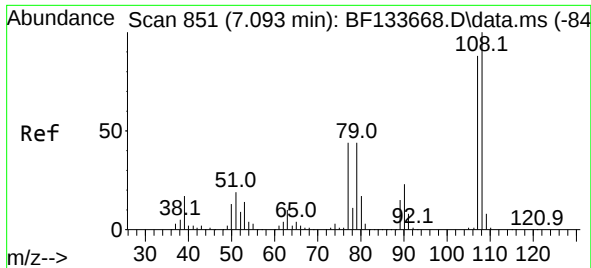
Tgt Ion: 79 Resp: 226478
Ion Ratio Lower Upper
79 100
108 76.8 57.9 86.9
77 62.5 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.120 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 45 Resp: 407746
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.3
79 9.9 0.0 29.4

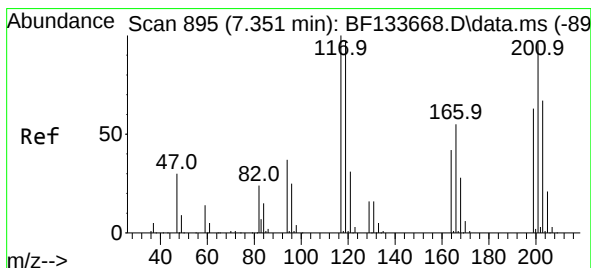
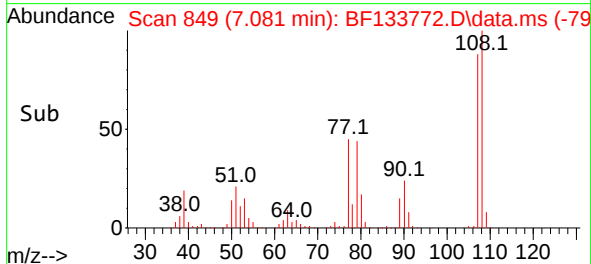
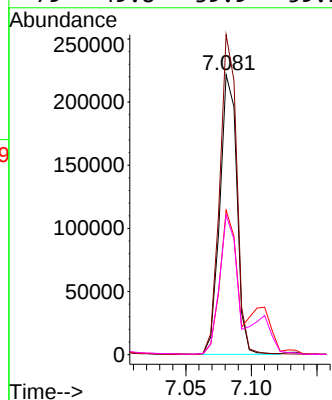
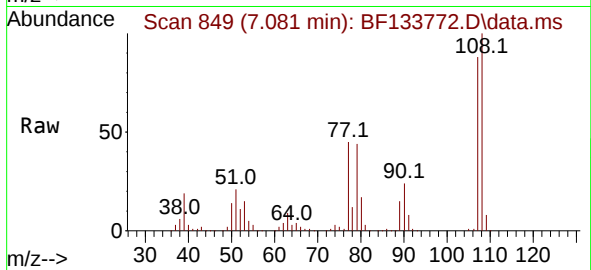




#17
2-Methylphenol
Concen: 37.799 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

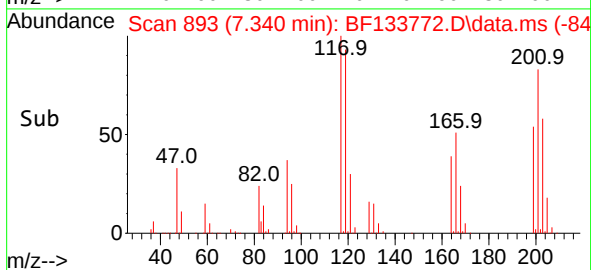
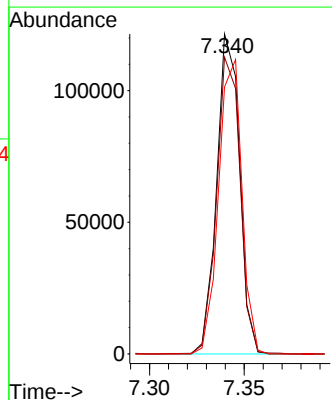
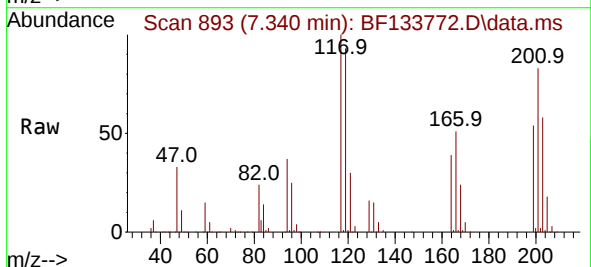
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

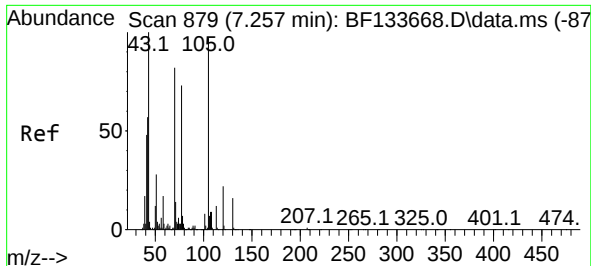
Tgt Ion:	107	Resp:	199824
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	51.6	39.8	59.6
79	49.8	39.9	59.9



#18
Hexachloroethane
Concen: 46.506 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:	117	Resp:	102545
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.3	115.9
201	83.4	76.8	115.2



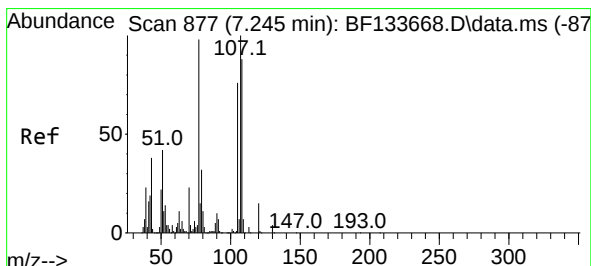
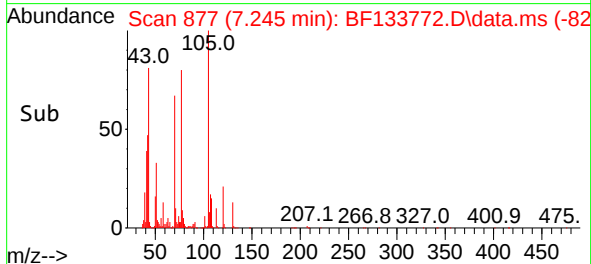
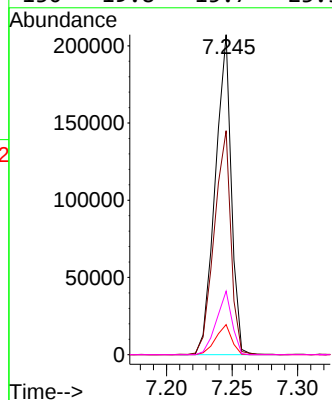
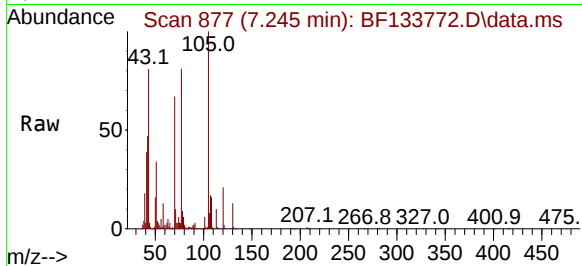


#19
n-Nitroso-di-n-propylamine
Concen: 37.667 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion: 70 Resp: 176548

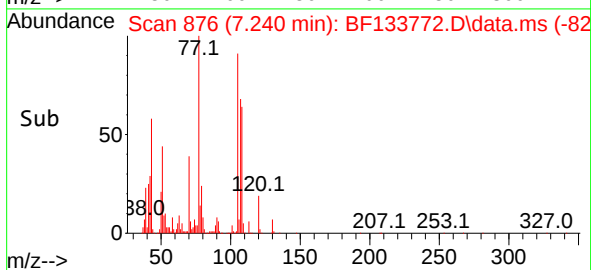
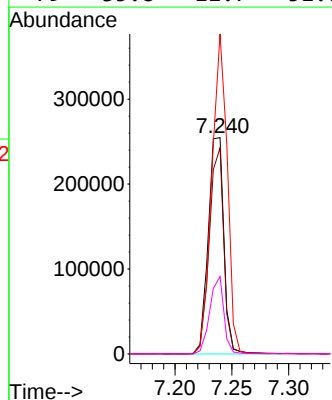
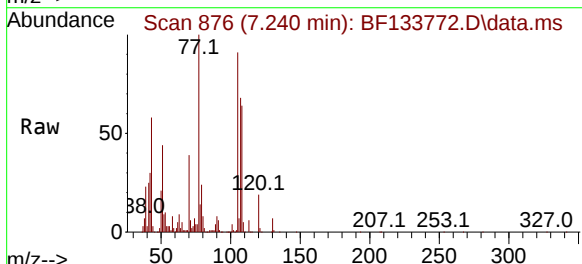
Ion	Ratio	Lower	Upper
70	100		
42	70.0	55.8	83.8
101	9.4	8.1	12.1
130	19.8	15.7	23.5

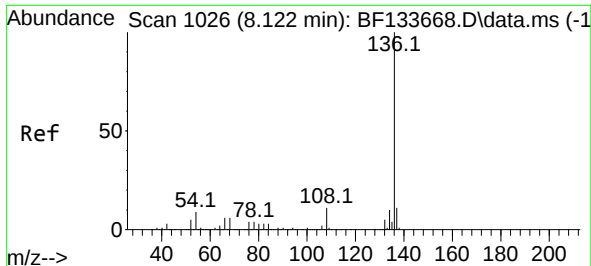


#20
3+4-Methylphenols
Concen: 35.435 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 107 Resp: 243688

Ion	Ratio	Lower	Upper
107	100		
108	95.3	67.9	107.9
77	147.9	77.7	117.7#
79	35.8	11.7	51.7

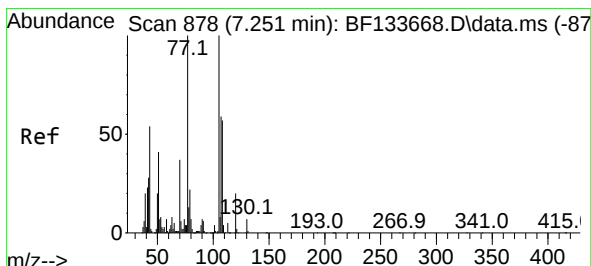
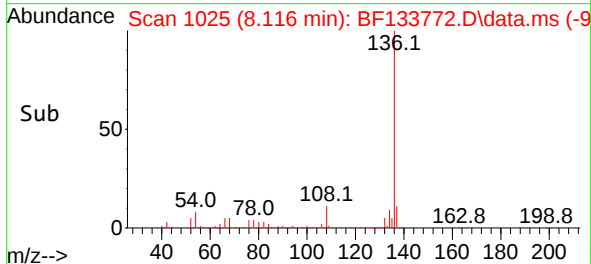
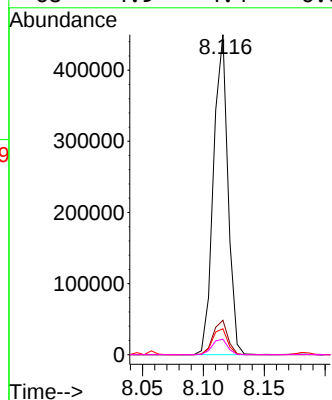
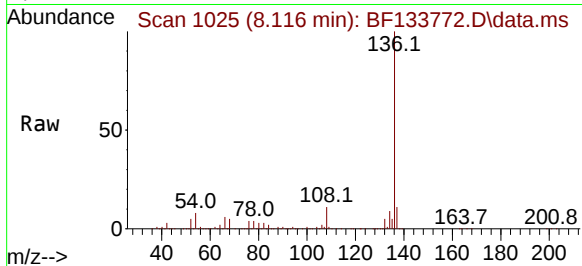




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

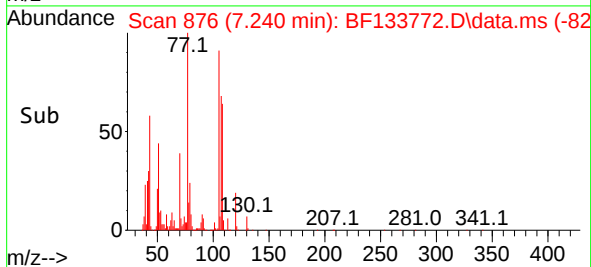
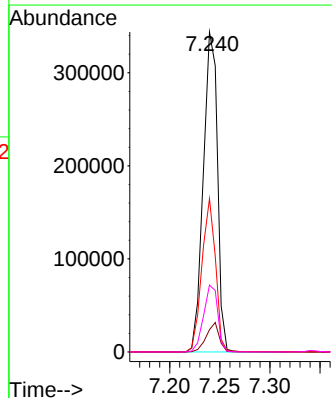
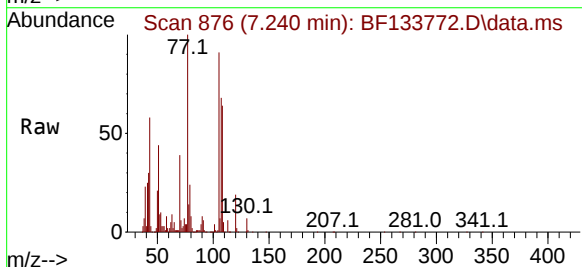
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

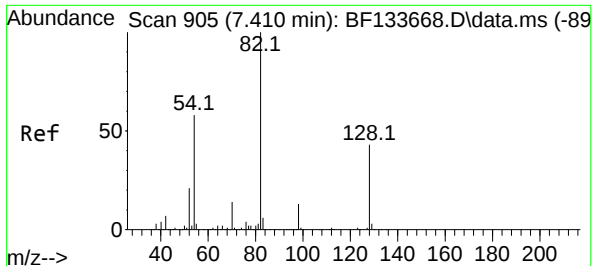
Tgt Ion:	136	Resp:	372684
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	8.1	7.4	11.0
68	4.9	4.4	6.6



#22
Acetophenone
Concen: 39.733 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:	105	Resp:	339624
Ion Ratio	Lower	Upper	
105	100		
71	7.0	4.8	7.2
51	47.9	33.0	49.4
120	20.9	16.2	24.4





#23

Nitrobenzene-d5

Concen: 51.759 ng

RT: 7.393 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

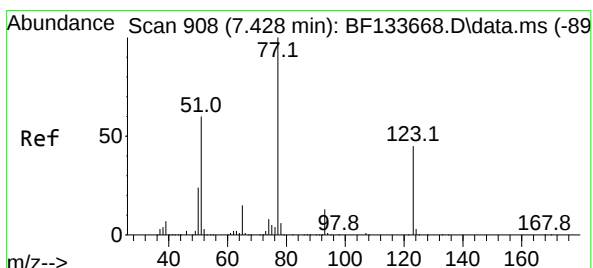
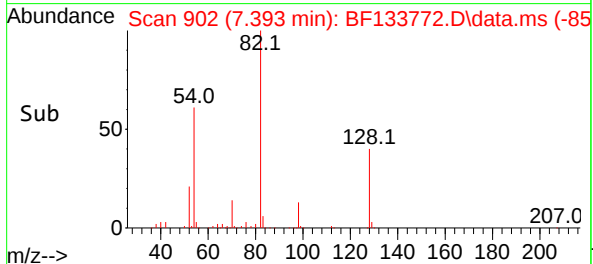
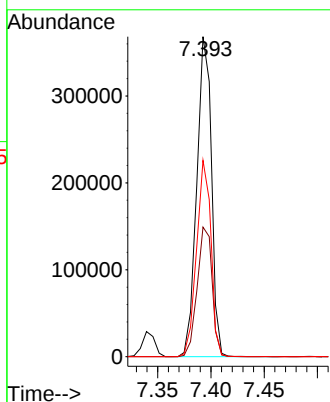
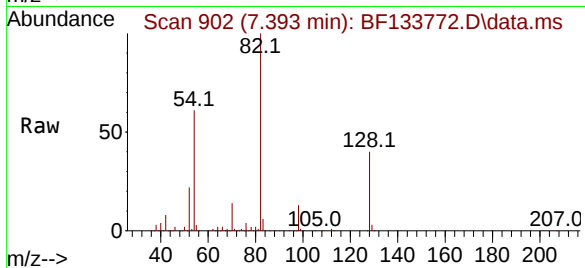
Tgt Ion: 82 Resp: 354157

Ion Ratio Lower Upper

82 100

128 40.5 34.2 51.2

54 61.3 46.5 69.7



#24

Nitrobenzene

Concen: 38.801 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

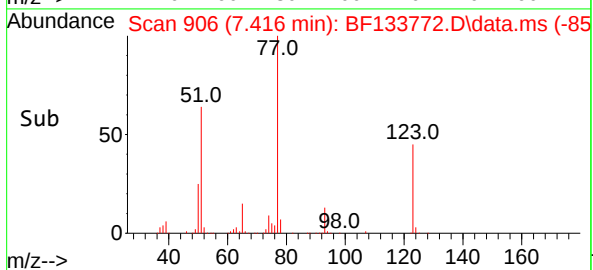
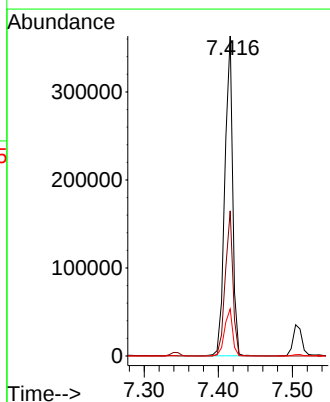
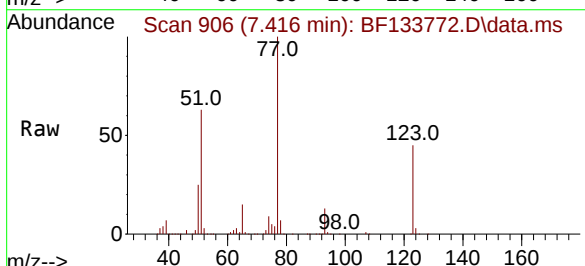
Tgt Ion: 77 Resp: 267333

Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

65 14.7 11.6 17.4

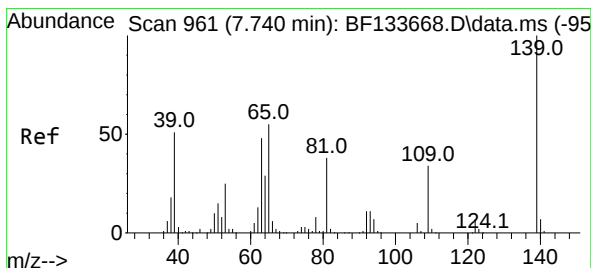
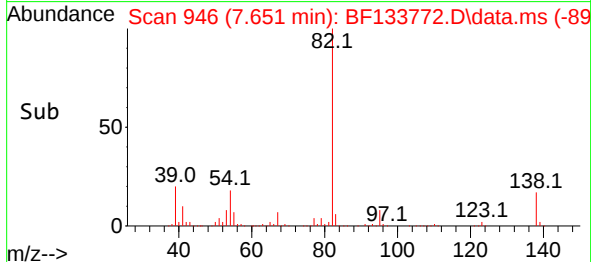
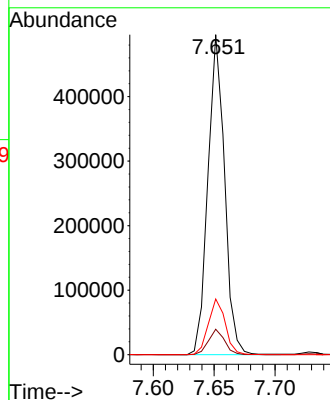
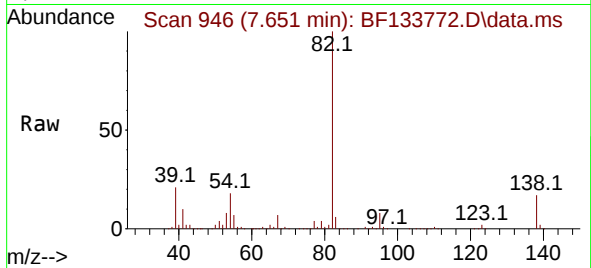




#25
Isophorone
Concen: 37.514 ng
RT: 7.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

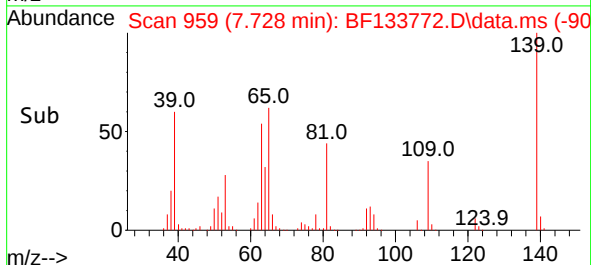
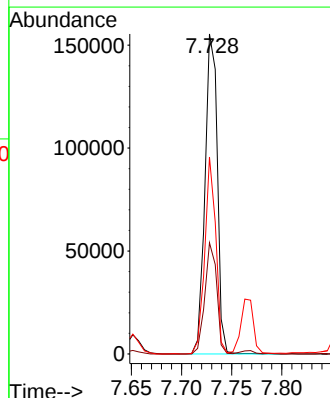
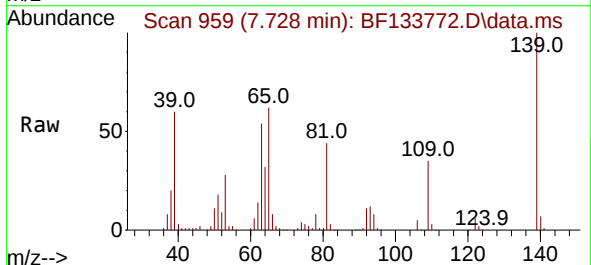
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

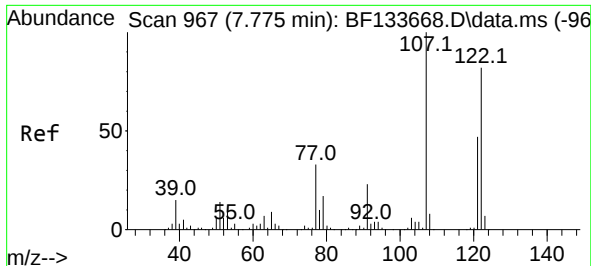
Tgt Ion: 82 Resp: 471250
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 17.4 14.2 21.2



#26
2-Nitrophenol
Concen: 43.299 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:139 Resp: 133886
Ion Ratio Lower Upper
139 100
109 34.8 27.0 40.6
65 61.6 44.2 66.4

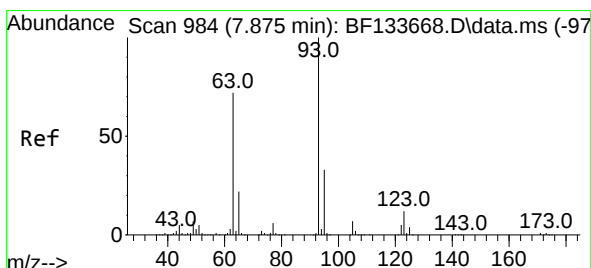
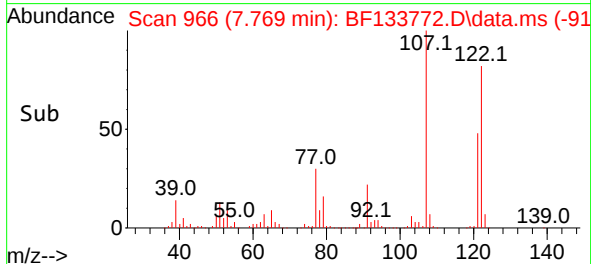
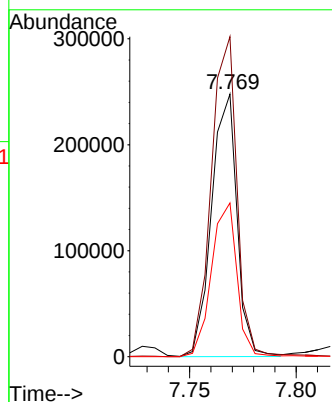
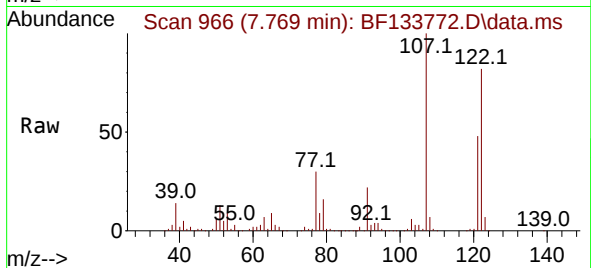




#27
2,4-Dimethylphenol
Concen: 38.673 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

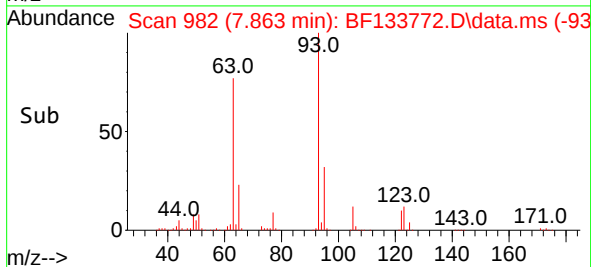
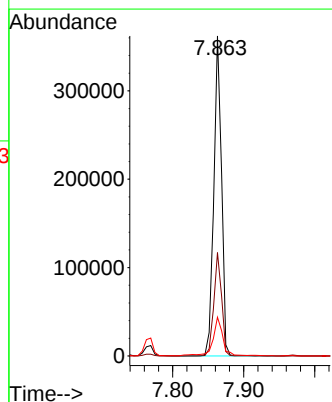
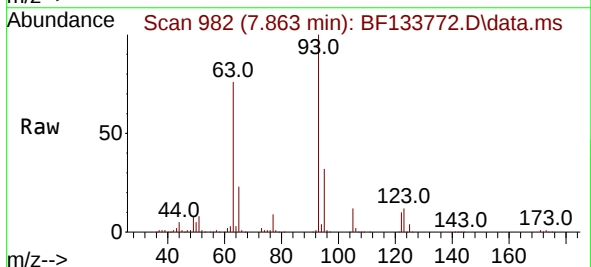
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

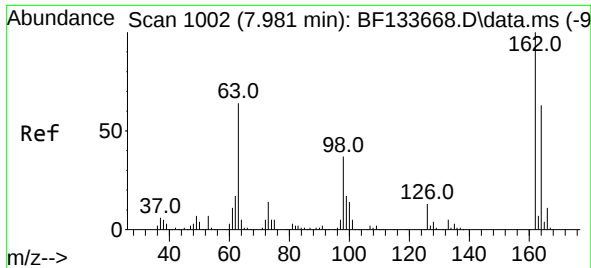
Tgt Ion:122 Resp: 206111
Ion Ratio Lower Upper
122 100
107 121.9 97.8 146.6
121 58.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.707 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 93 Resp: 273763
Ion Ratio Lower Upper
93 100
95 32.3 26.4 39.6
123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.626 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

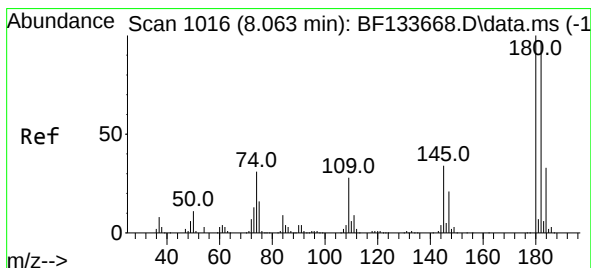
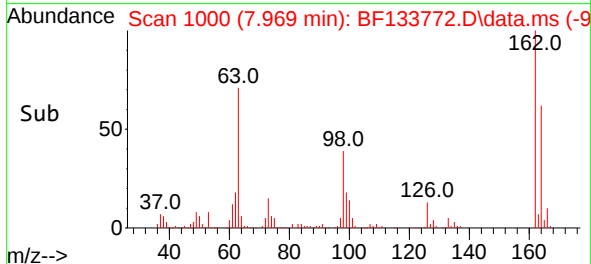
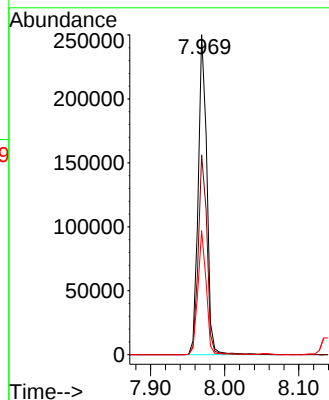
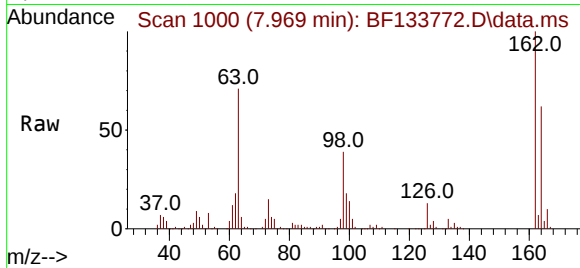
Tgt Ion:162 Resp: 201757

Ion Ratio Lower Upper

162 100

164 62.5 43.4 83.4

98 38.7 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 39.707 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

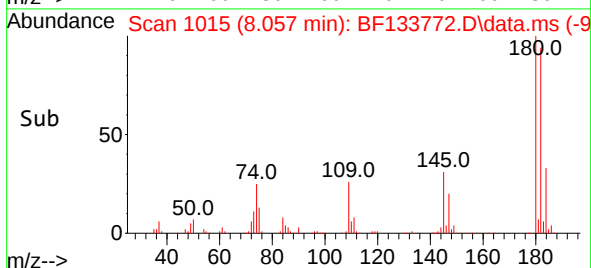
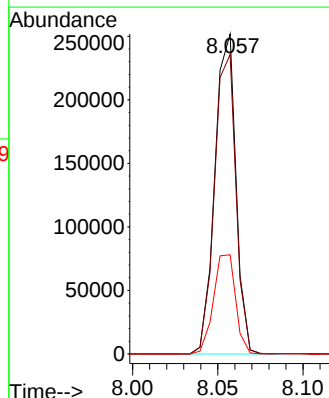
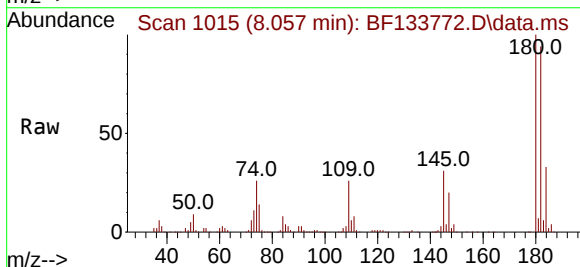
Tgt Ion:180 Resp: 216394

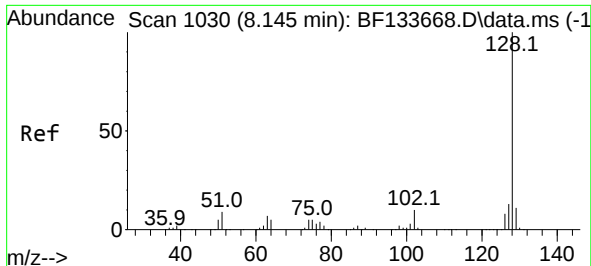
Ion Ratio Lower Upper

180 100

182 93.6 77.8 116.8

145 31.0 27.0 40.4

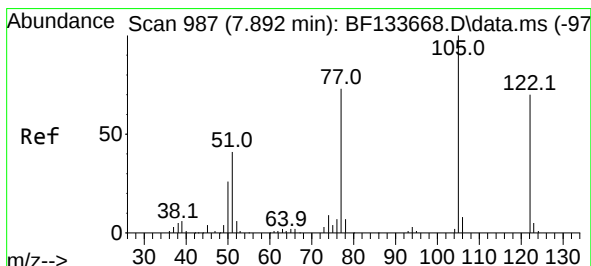
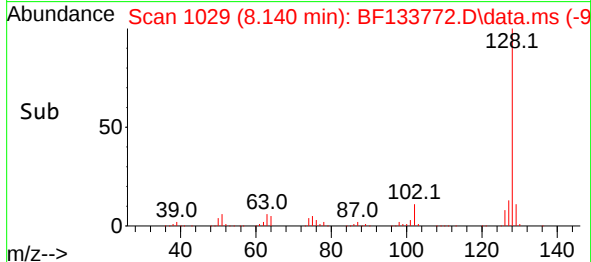
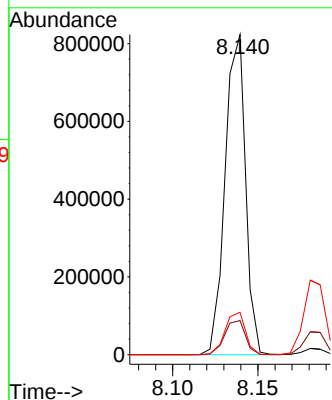
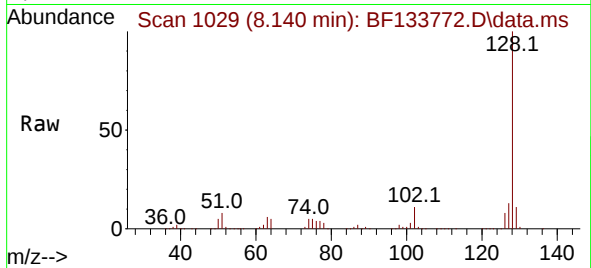




#31
Naphthalene
Concen: 37.711 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

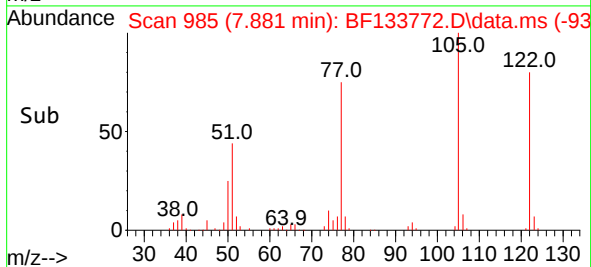
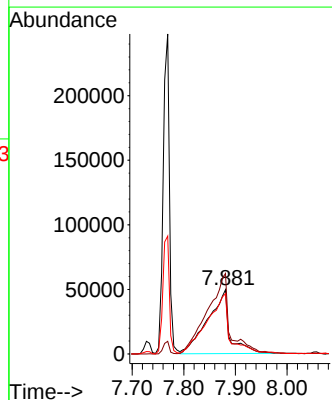
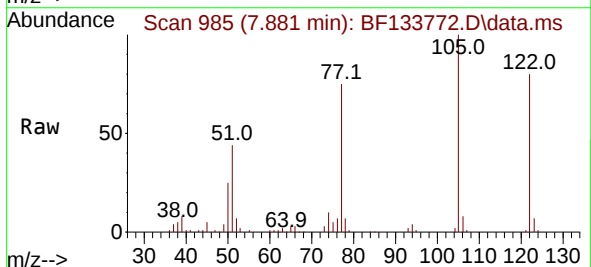
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

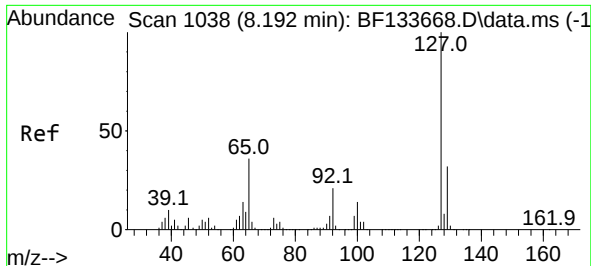
Tgt Ion:128 Resp: 684719
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 43.829 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:122 Resp: 147322
Ion Ratio Lower Upper
122 100
105 125.4 116.3 156.3
77 94.1 82.4 122.4

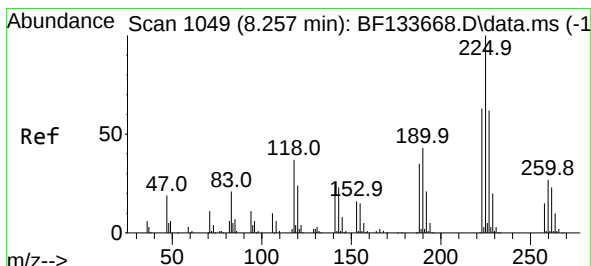
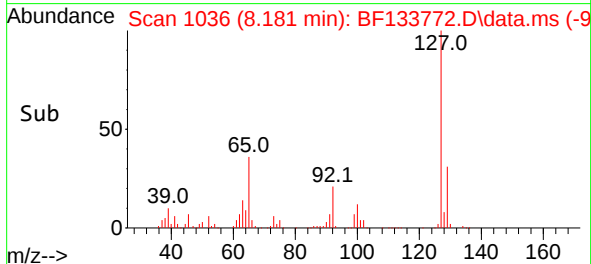
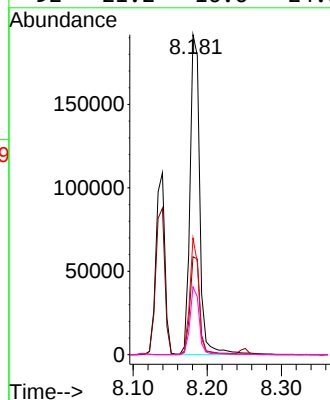
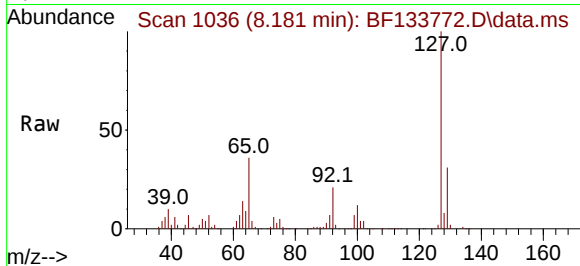




#33
4-Chloroaniline
Concen: 22.866 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

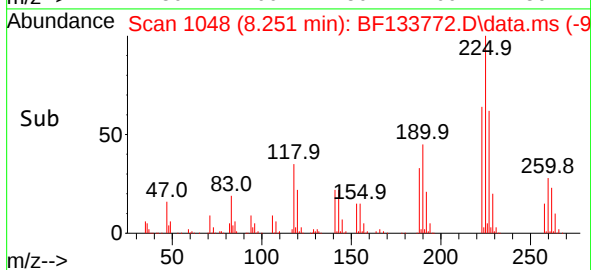
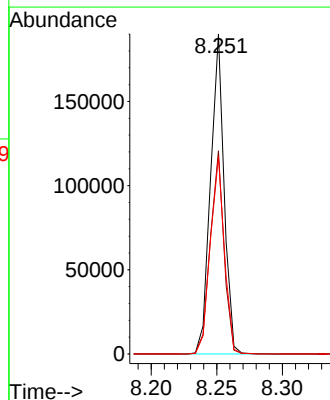
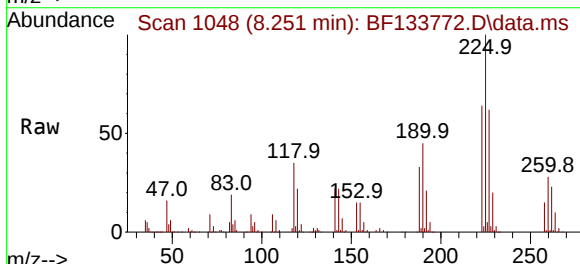
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:	127	Resp:	177524
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.6	38.4
65	36.5	28.9	43.3
92	21.2	16.6	24.8



#34
Hexachlorobutadiene
Concen: 38.240 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:	225	Resp:	136443
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.4
227	61.7	49.5	74.3





#35

Caprolactam

Concen: 28.488 ng

RT: 8.557 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

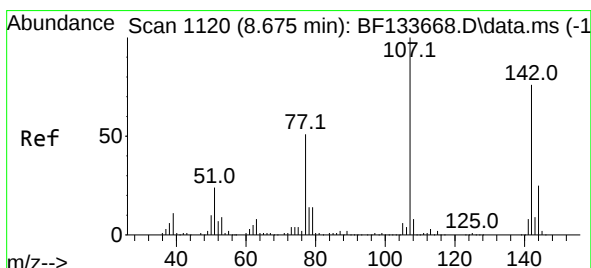
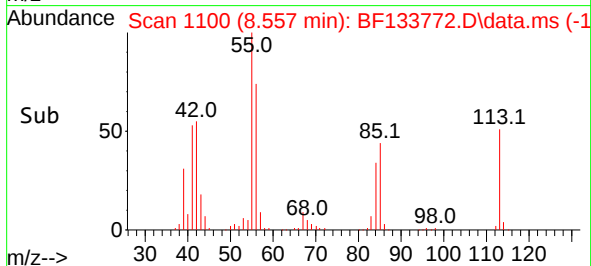
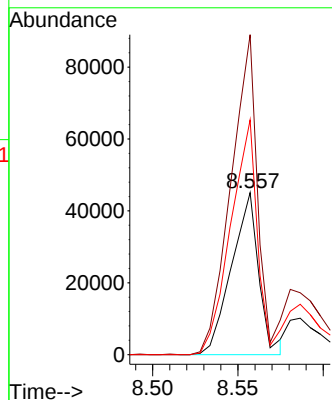
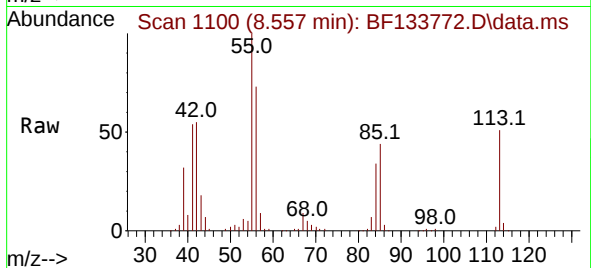
Tgt Ion:113 Resp: 50072

Ion Ratio Lower Upper

113 100

55 197.5 173.3 213.3

56 145.0 120.5 160.5



#36

4-Chloro-3-methylphenol

Concen: 36.809 ng

RT: 8.663 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

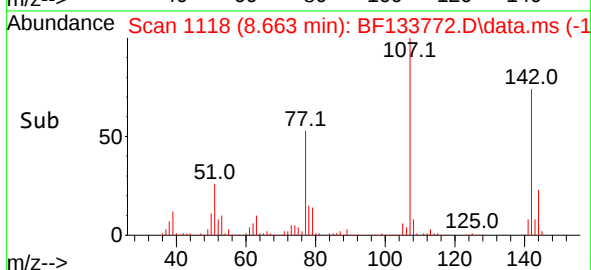
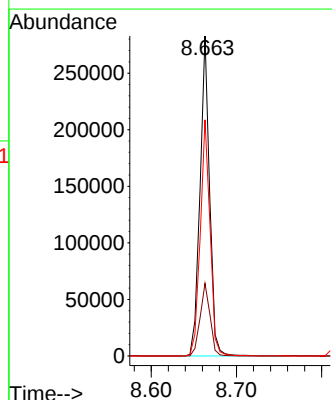
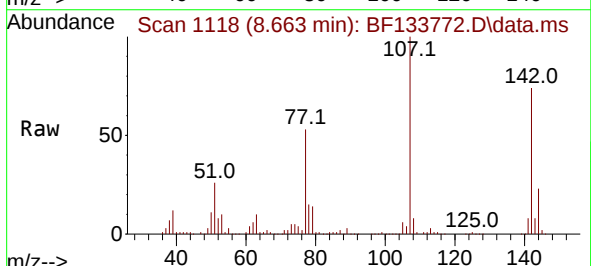
Tgt Ion:107 Resp: 221621

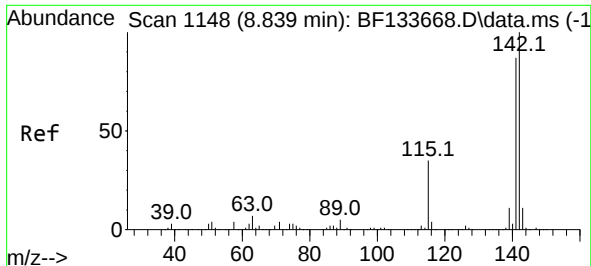
Ion Ratio Lower Upper

107 100

144 22.7 19.7 29.5

142 73.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 36.110 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

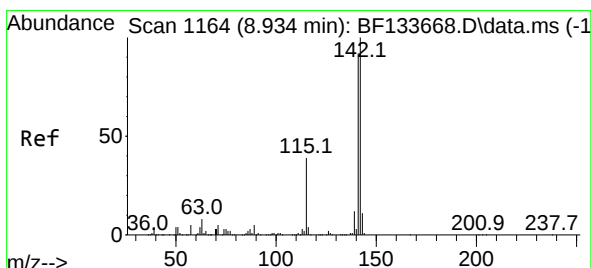
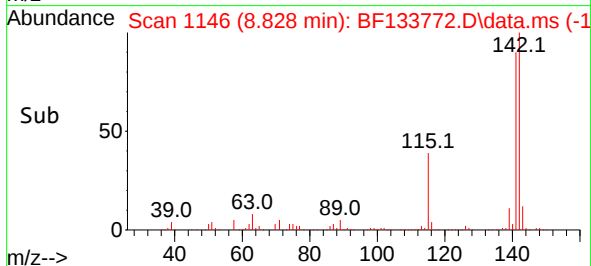
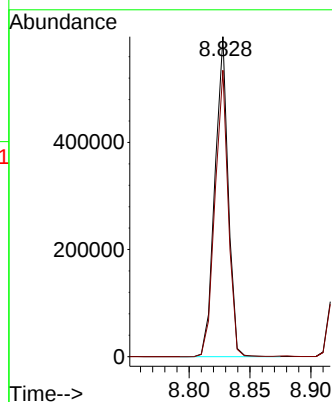
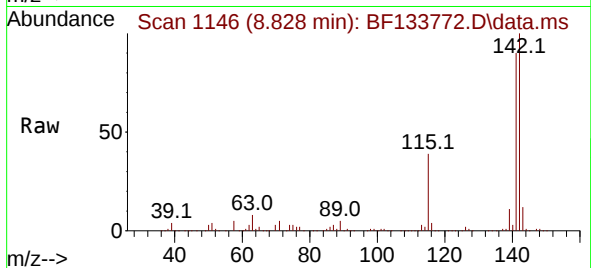
TP-4-GAMSD

Tgt Ion:142 Resp: 455562

Ion Ratio Lower Upper

142 100

141 89.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 36.677 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF133772.D

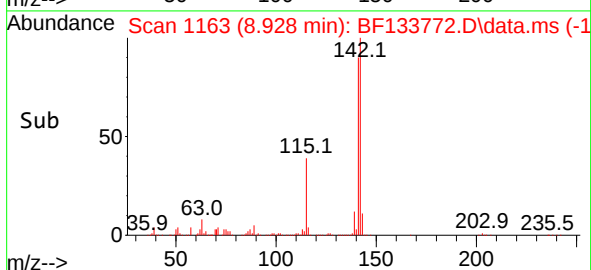
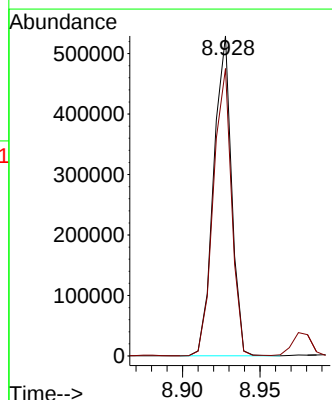
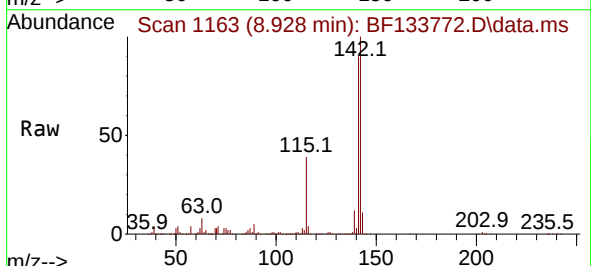
Acq: 15 Jun 2023 13:32

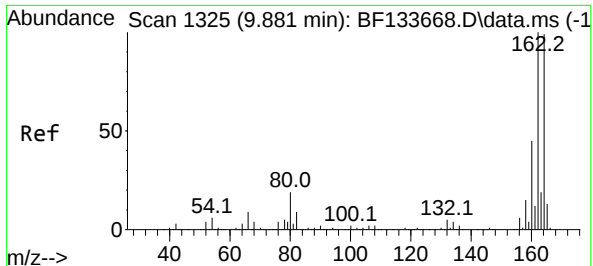
Tgt Ion:142 Resp: 425779

Ion Ratio Lower Upper

142 100

141 89.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

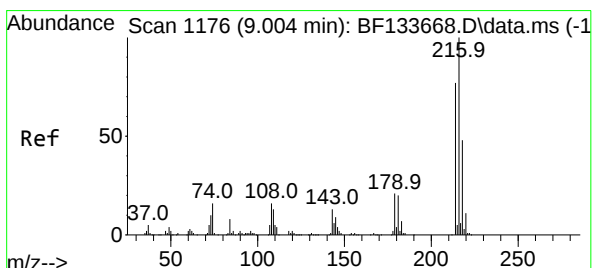
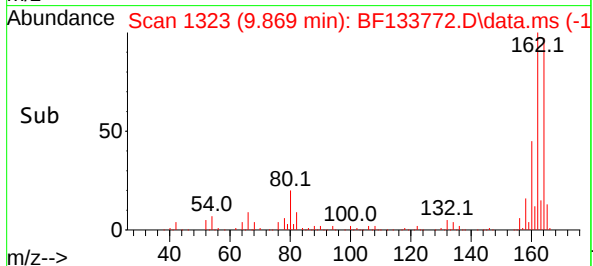
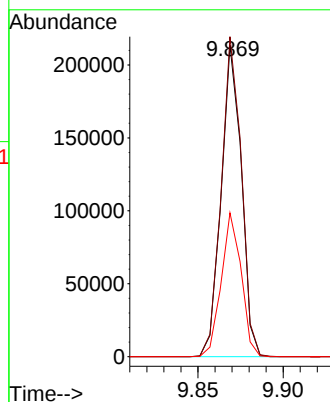
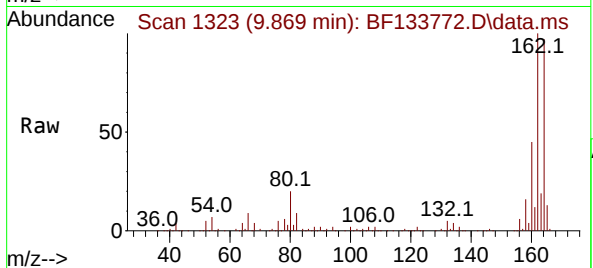
Tgt Ion:164 Resp: 175386

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

160 46.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.953 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Tgt Ion:216 Resp: 218357

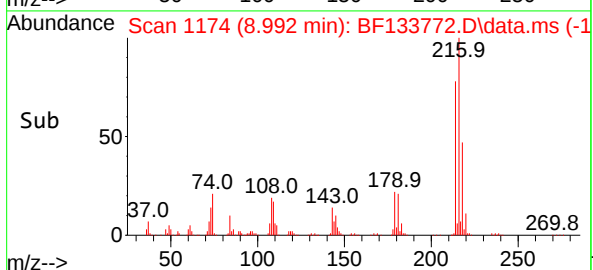
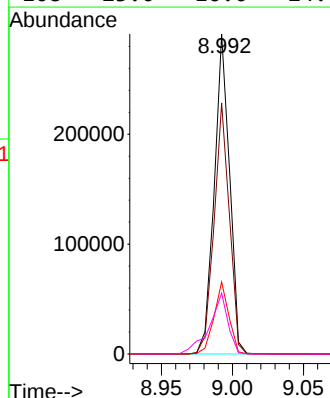
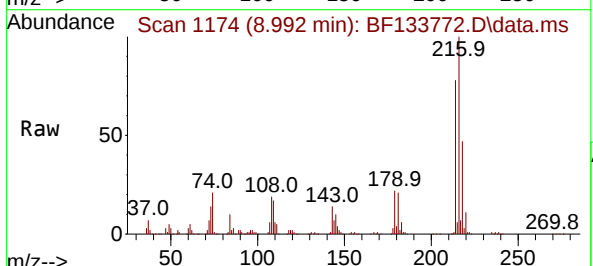
Ion Ratio Lower Upper

216 100

214 78.2 62.7 94.1

179 21.8 17.6 26.4

108 23.0 16.0 24.0

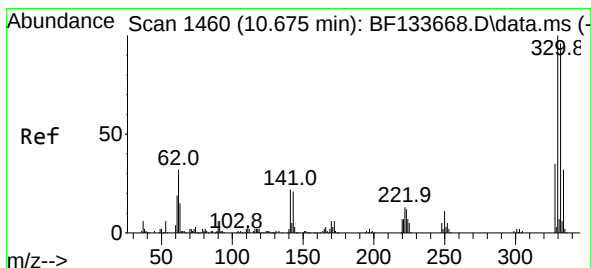
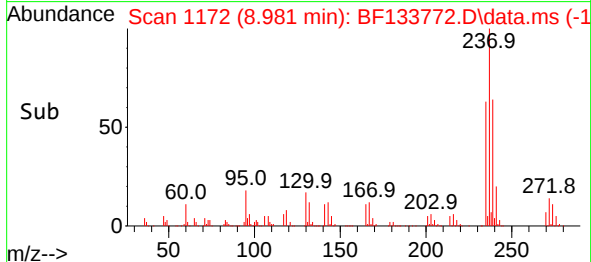
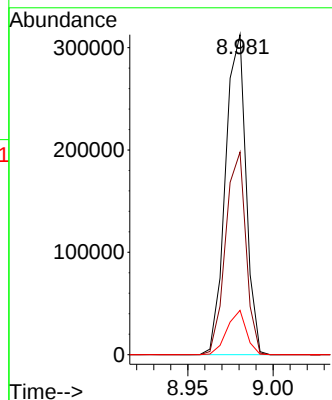
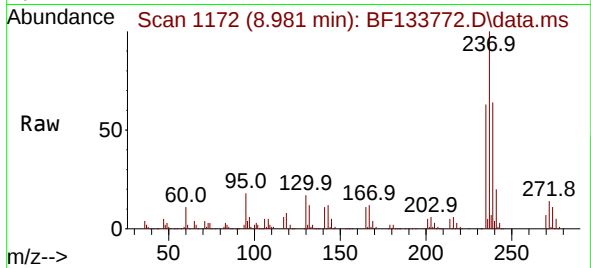




#41
Hexachlorocyclopentadiene
Concen: 110.590 ng
RT: 8.981 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

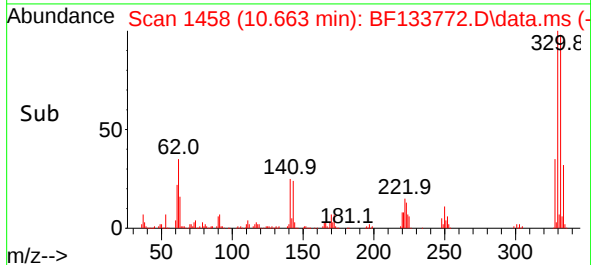
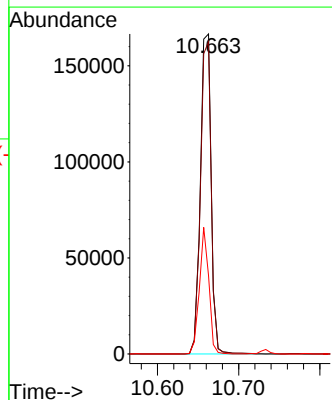
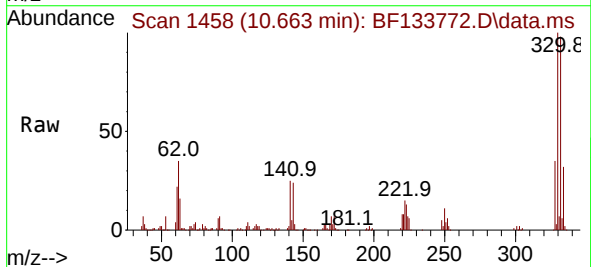
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:237 Resp: 262769
Ion Ratio Lower Upper
237 100
235 63.3 40.6 80.6
272 13.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 69.672 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:330 Resp: 154678
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 34.6 24.9 37.3

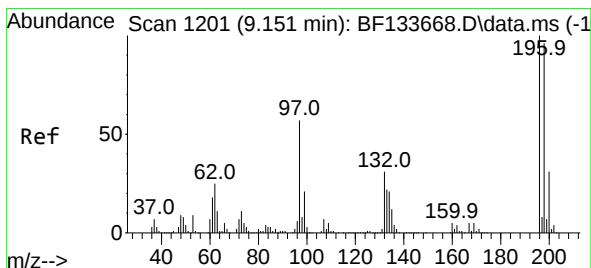
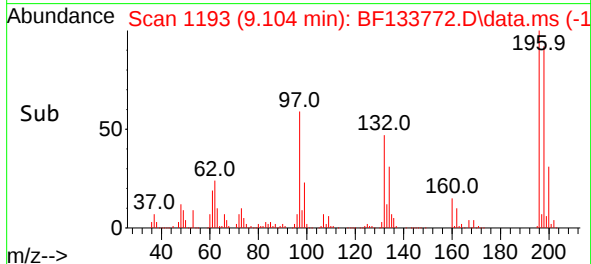
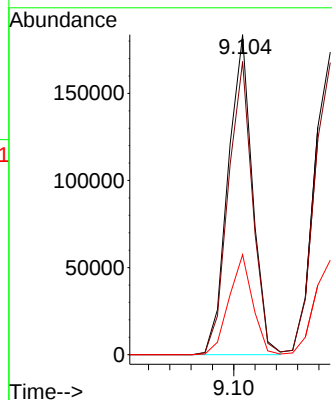
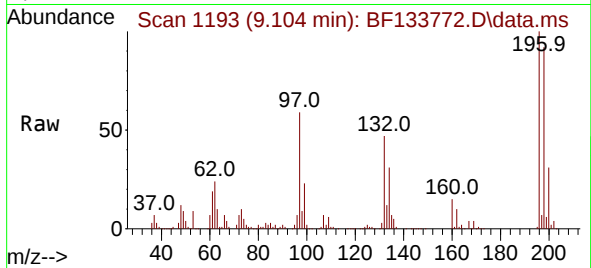




#43
2,4,6-Trichlorophenol
Concen: 40.992 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

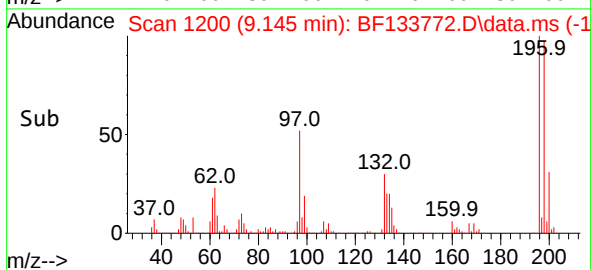
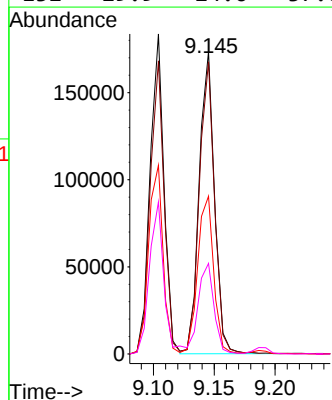
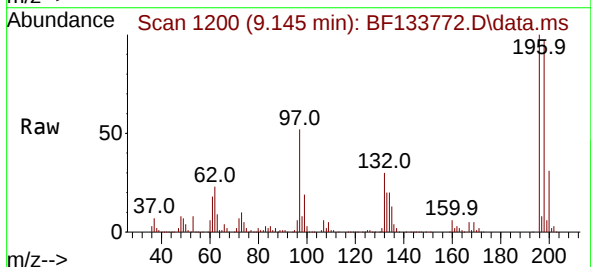
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

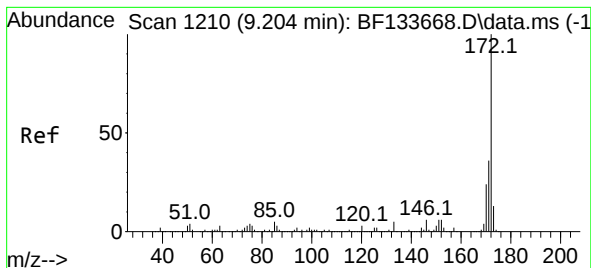
Tgt Ion:196 Resp: 146052
Ion Ratio Lower Upper
196 100
198 91.6 74.5 111.7
200 31.2 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 36.734 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:196 Resp: 152266
Ion Ratio Lower Upper
196 100
198 96.5 76.8 115.2
97 52.1 45.4 68.2
132 29.9 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 51.772 ng

RT: 9.187 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

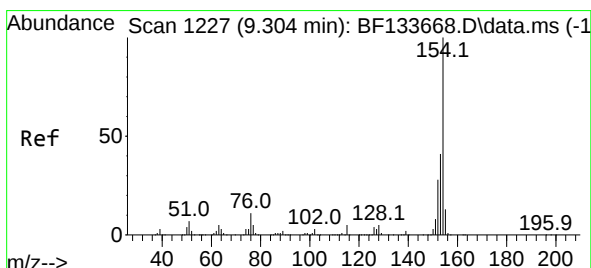
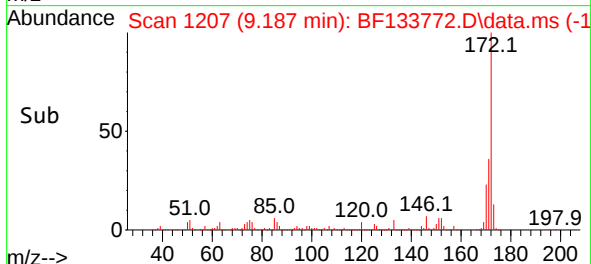
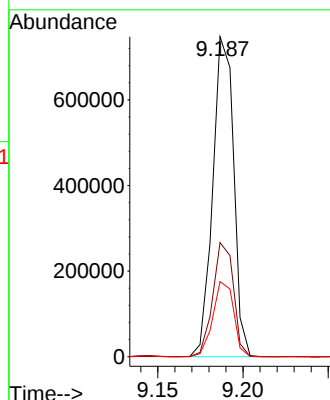
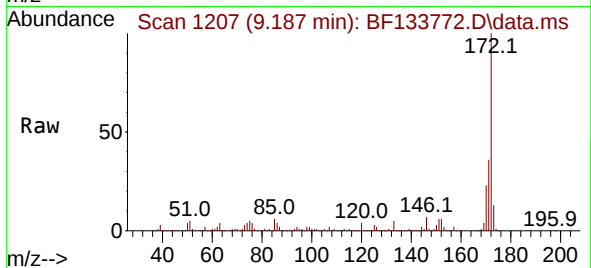
Tgt Ion:172 Resp: 638765

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.084 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

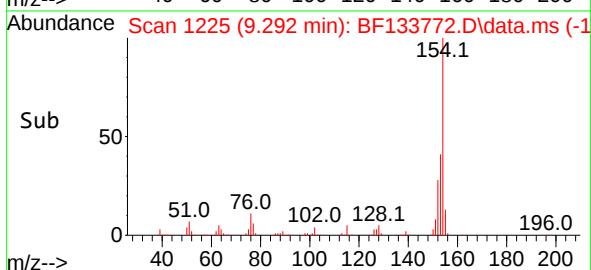
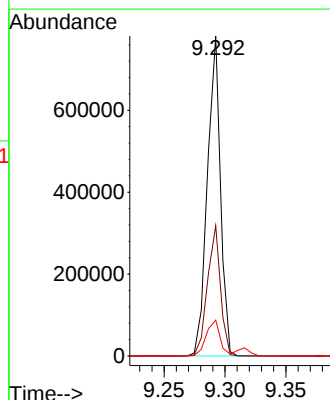
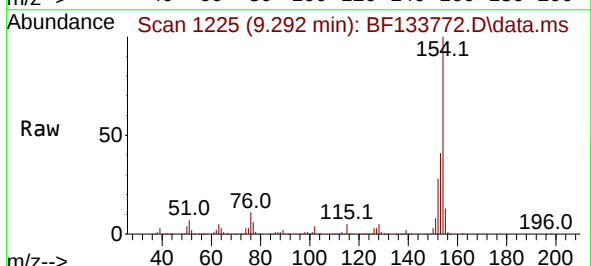
Tgt Ion:154 Resp: 581142

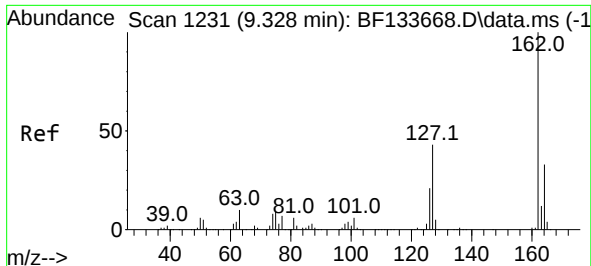
Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.967 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

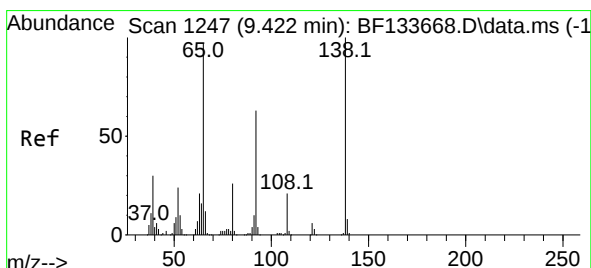
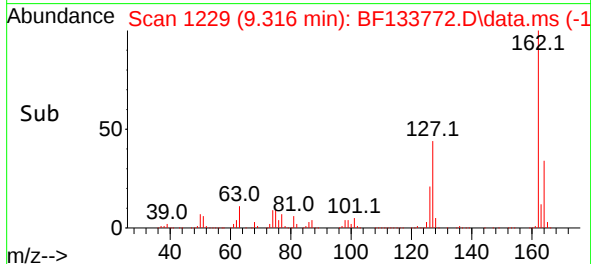
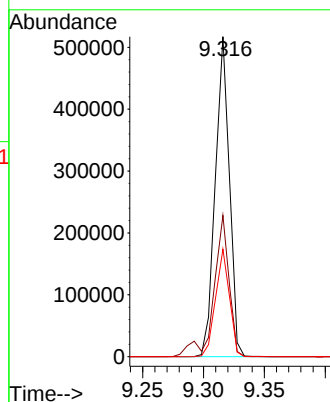
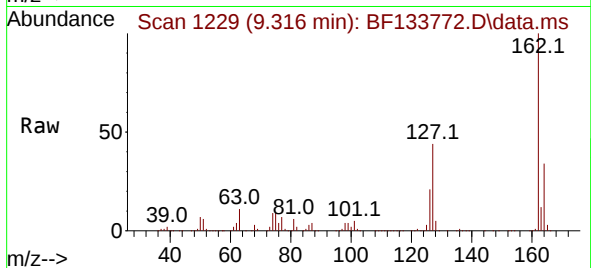
Tgt Ion:162 Resp: 415677

Ion Ratio Lower Upper

162 100

127 44.1 34.6 52.0

164 33.6 26.4 39.6



#48

2-Nitroaniline

Concen: 39.016 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

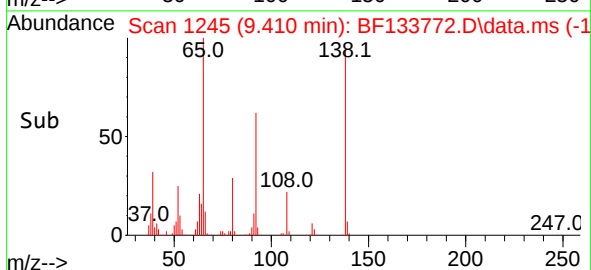
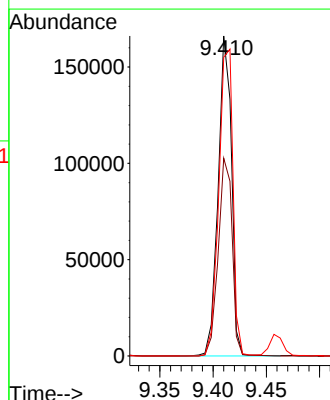
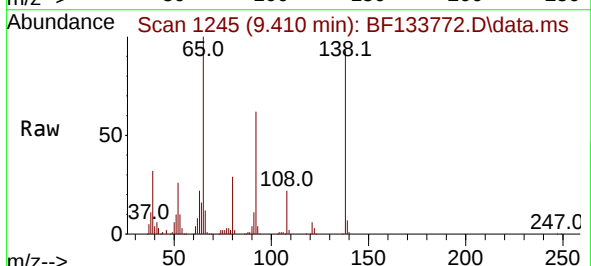
Tgt Ion: 65 Resp: 144782

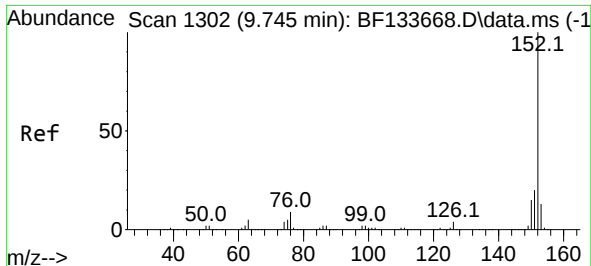
Ion Ratio Lower Upper

65 100

92 61.8 51.8 77.6

138 93.3 82.1 123.1





#49

Acenaphthylene

Concen: 39.120 ng

RT: 9.734 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

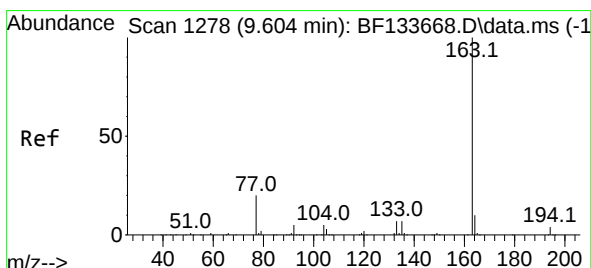
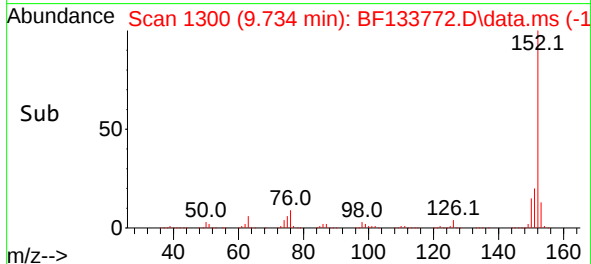
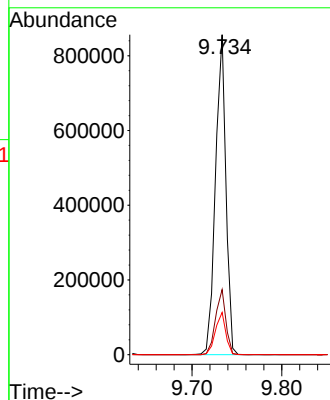
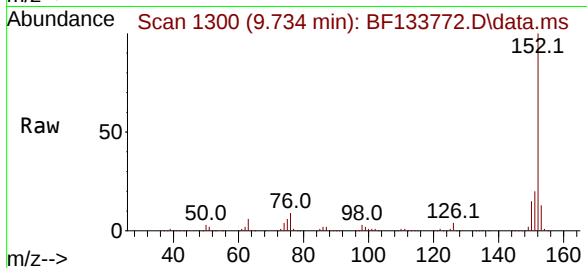
Tgt Ion:152 Resp: 690855

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 37.167 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

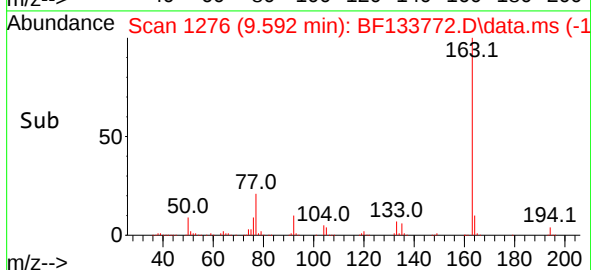
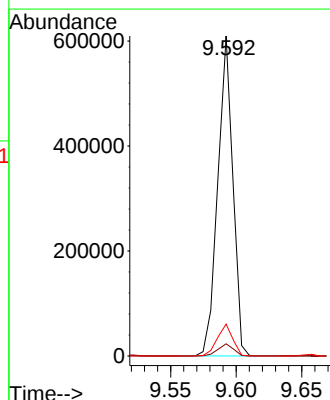
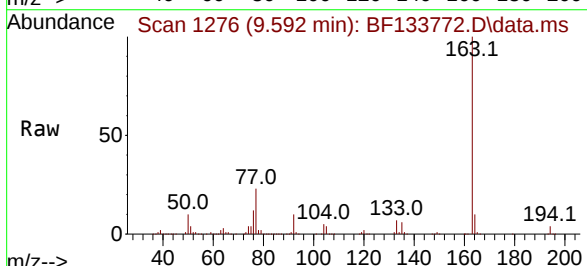
Tgt Ion:163 Resp: 486565

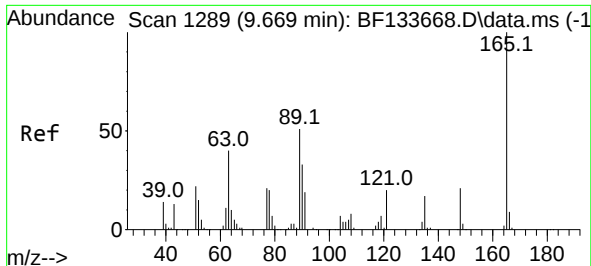
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.0 8.0 12.0

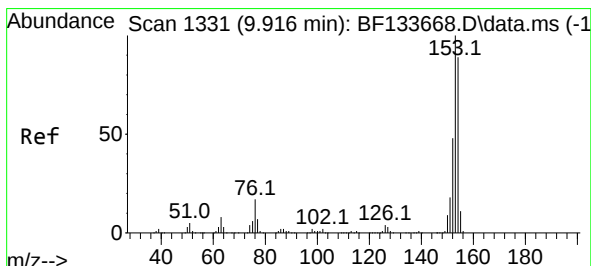
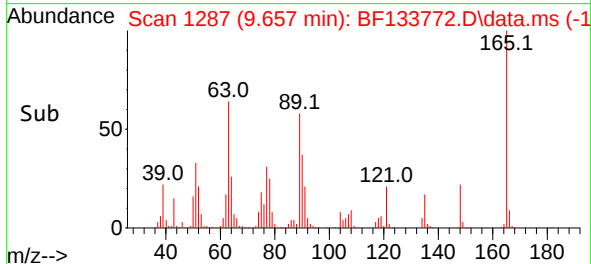
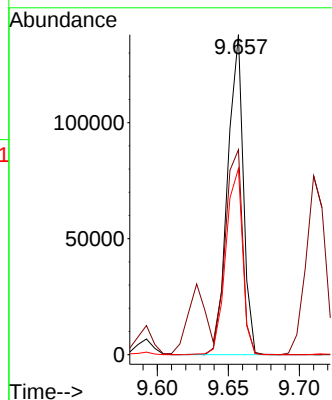
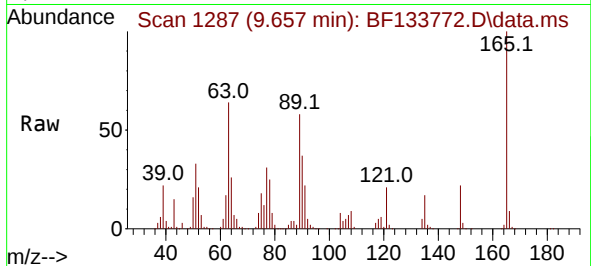




#51
2,6-Dinitrotoluene
Concen: 39.112 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

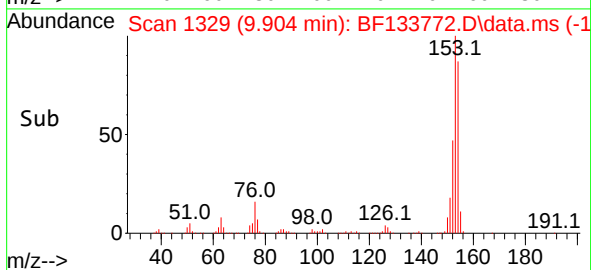
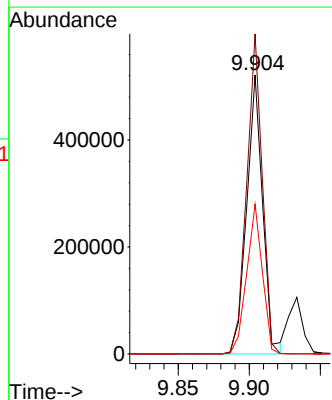
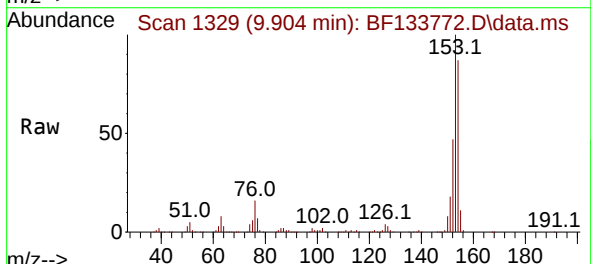
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

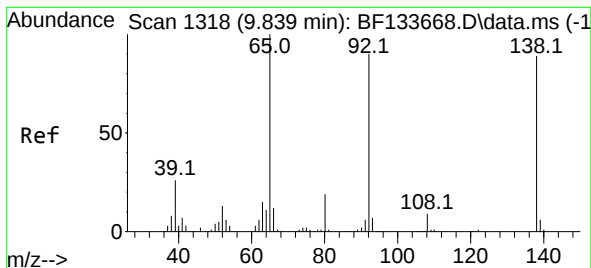
Tgt Ion:165 Resp: 105685
Ion Ratio Lower Upper
165 100
63 64.0 42.1 63.1#
89 58.1 40.9 61.3



#52
Acenaphthene
Concen: 39.531 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:154 Resp: 408630
Ion Ratio Lower Upper
154 100
153 114.6 89.8 134.8
152 53.6 43.4 65.2





#53

3-Nitroaniline

Concen: 28.691 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

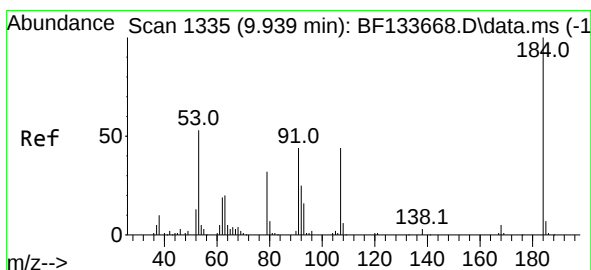
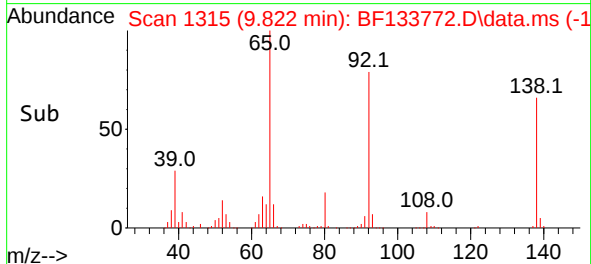
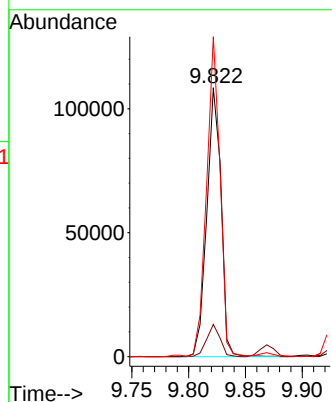
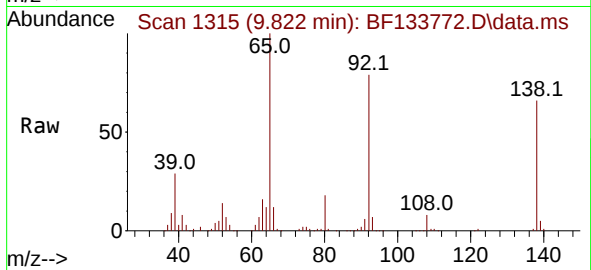
Tgt Ion:138 Resp: 94345

Ion Ratio Lower Upper

138 100

108 12.0 8.2 12.4

92 119.0 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 89.409 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

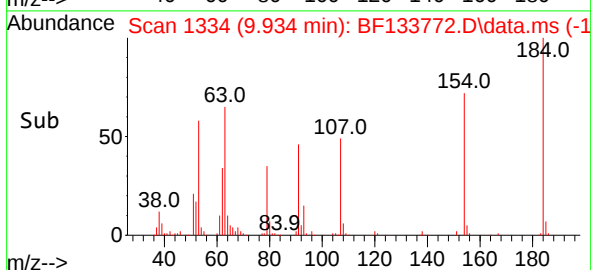
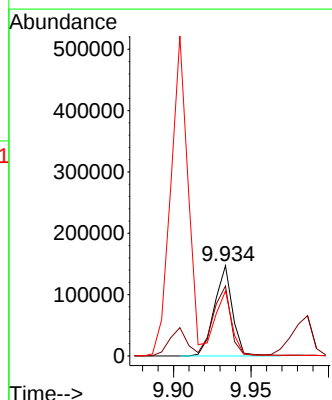
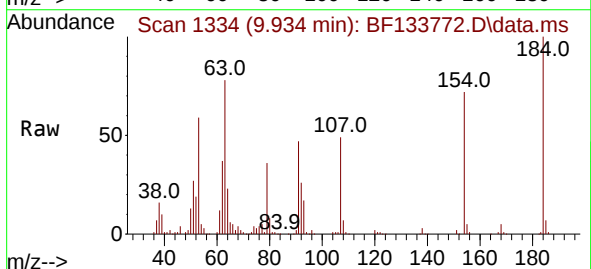
Tgt Ion:184 Resp: 119014

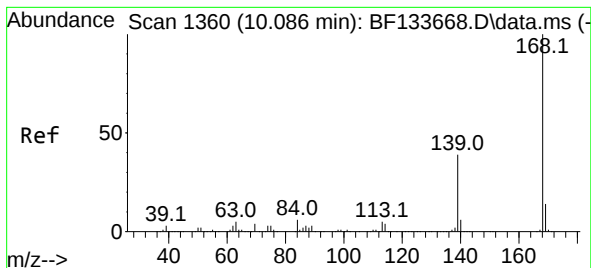
Ion Ratio Lower Upper

184 100

63 77.5 55.3 82.9

154 71.9 51.9 77.9





#55

Dibenzofuran

Concen: 39.597 ng

RT: 10.075 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

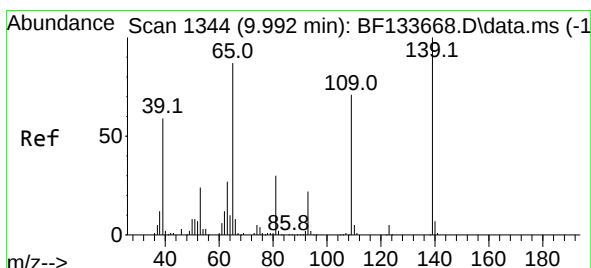
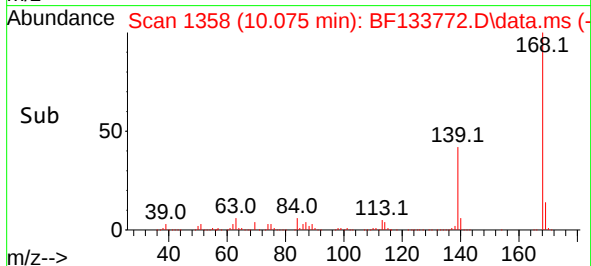
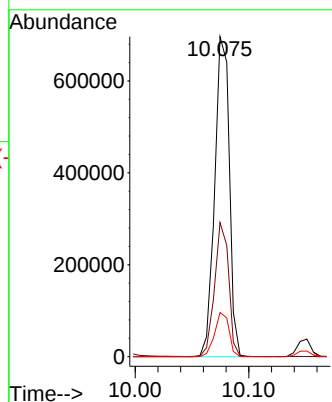
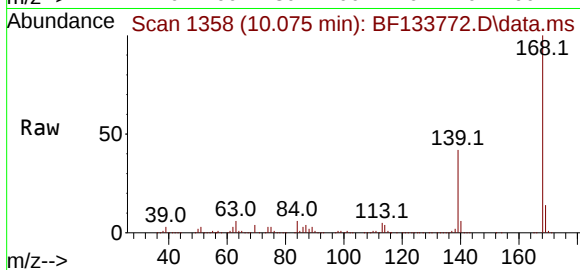
Tgt Ion:168 Resp: 624572

Ion Ratio Lower Upper

168 100

139 41.9 30.9 46.3

169 13.8 10.9 16.3



#56

4-Nitrophenol

Concen: 77.924 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

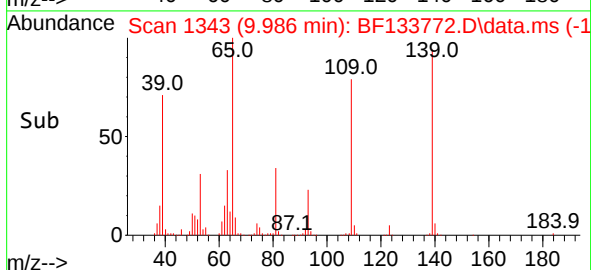
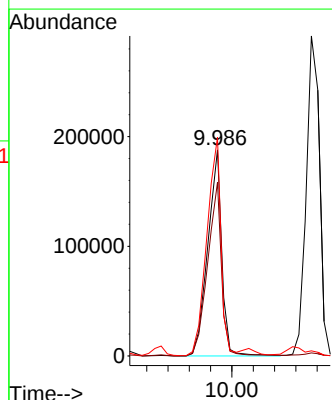
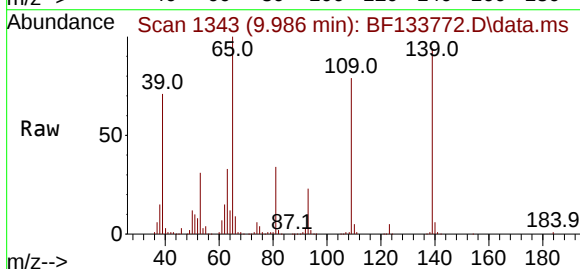
Tgt Ion:139 Resp: 172934

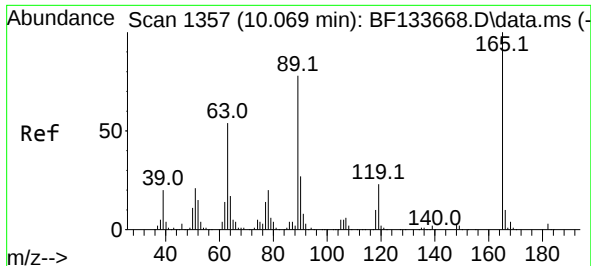
Ion Ratio Lower Upper

139 100

109 84.3 50.7 90.7

65 106.2 67.1 107.1

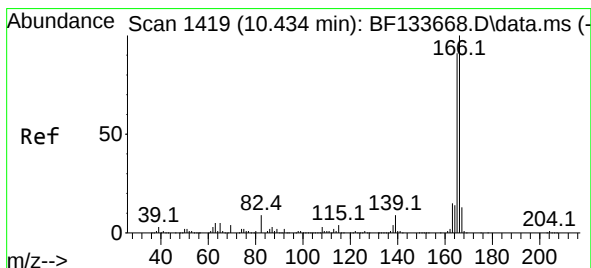
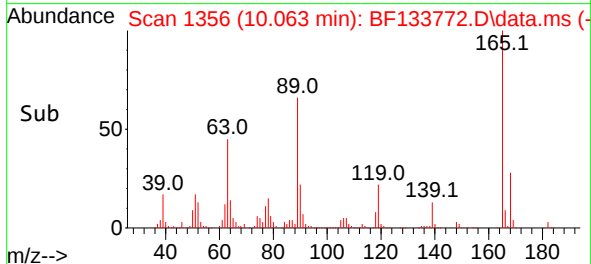
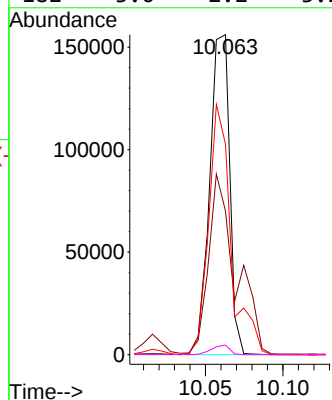
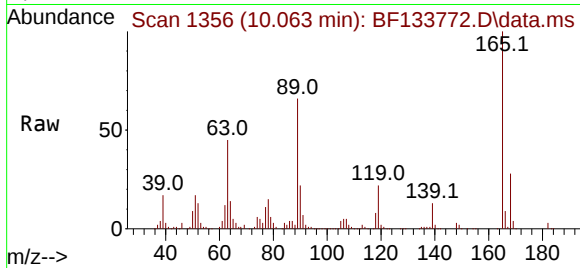




#57
2,4-Dinitrotoluene
Concen: 40.785 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

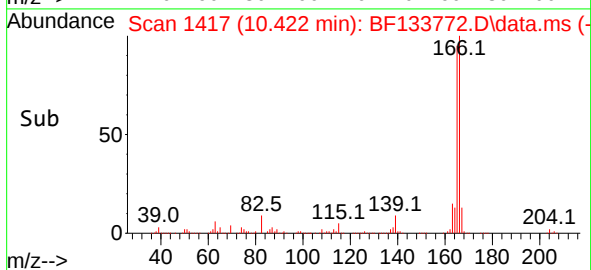
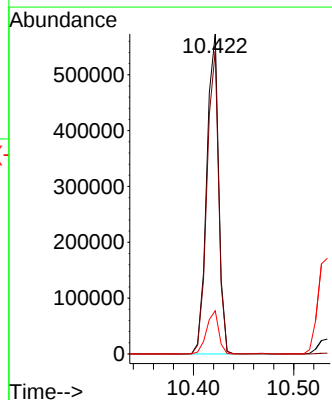
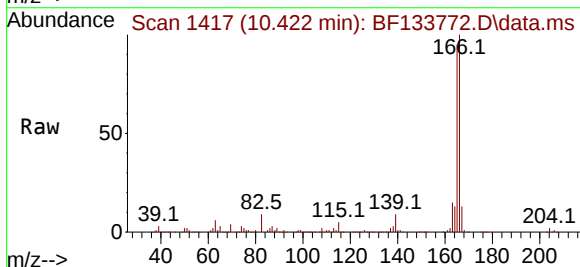
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

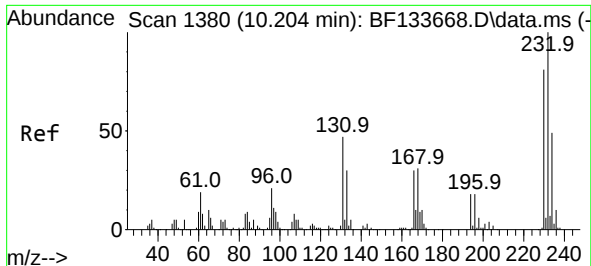
Tgt Ion:165 Resp: 140162
Ion Ratio Lower Upper
165 100
63 44.9 43.0 64.6
89 65.8 62.6 93.8
182 3.0 2.2 3.2



#58
Fluorene
Concen: 39.391 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:166 Resp: 475151
Ion Ratio Lower Upper
166 100
165 94.7 73.1 109.7
167 13.5 10.5 15.7

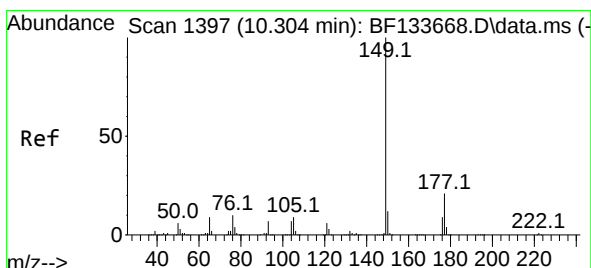
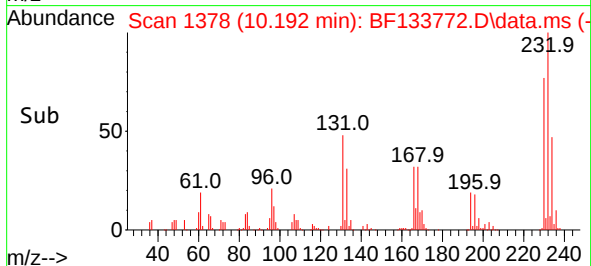
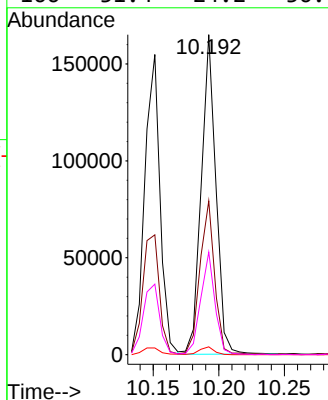
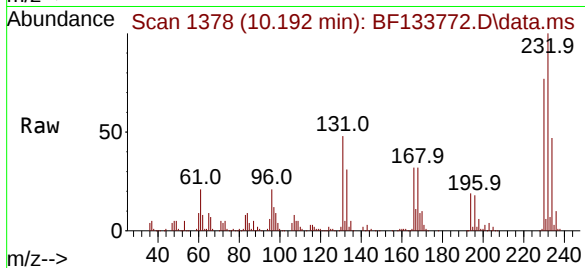




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.428 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

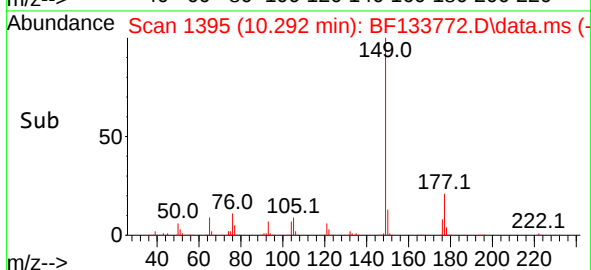
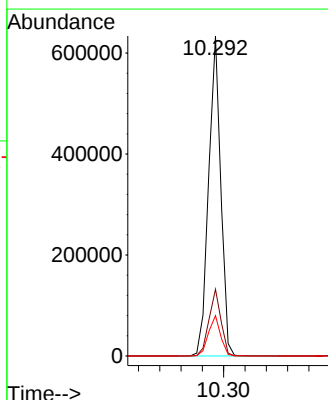
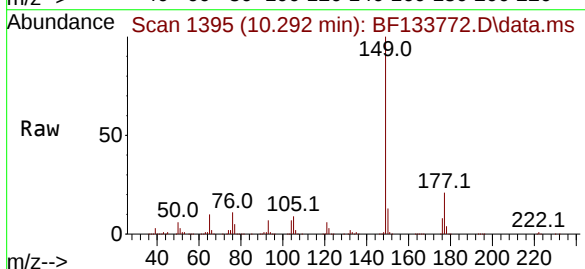
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

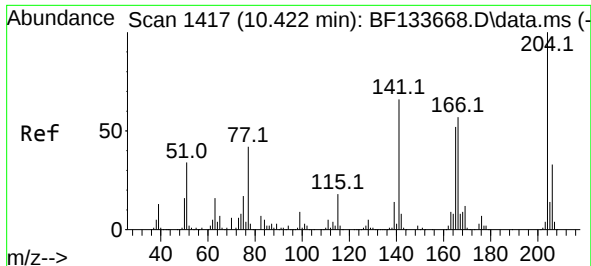
Tgt Ion:232 Resp: 128566
Ion Ratio Lower Upper
232 100
131 48.9 38.0 57.0
130 2.4 1.8 2.8
166 31.4 24.2 36.4



#60
Diethylphthalate
Concen: 37.603 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:149 Resp: 501014
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.6 10.0 15.0

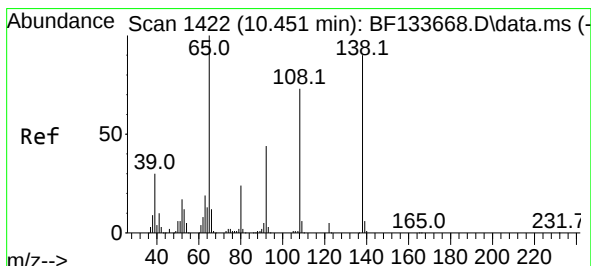
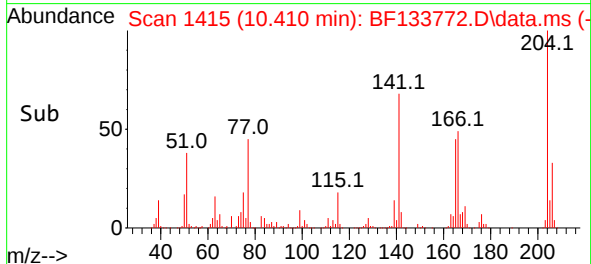
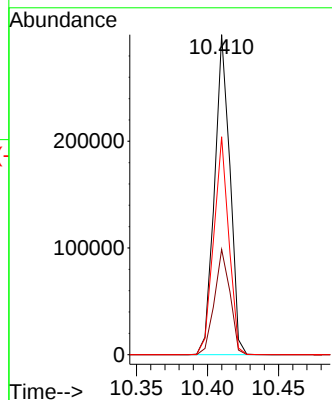
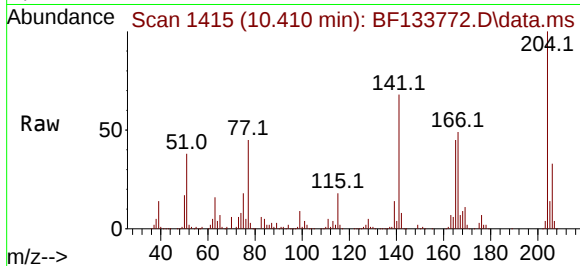




#61
4-Chlorophenyl-phenylether
Concen: 38.053 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

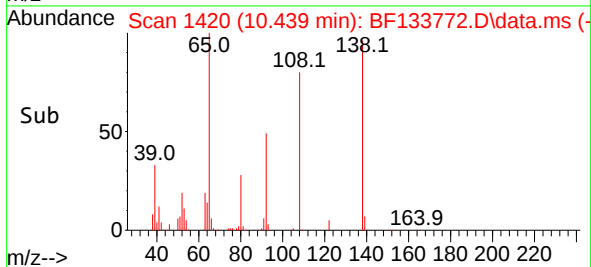
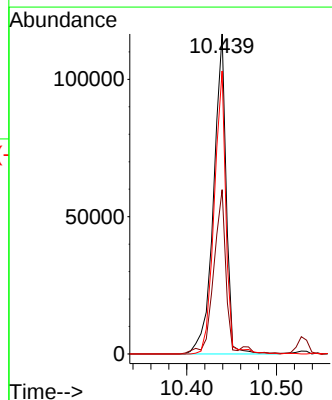
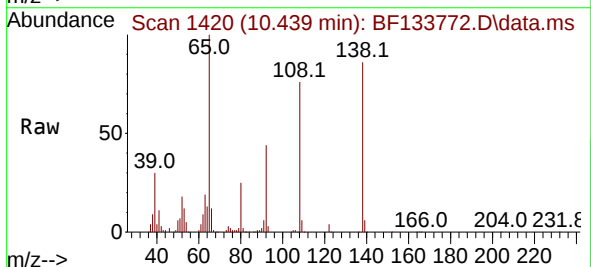
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:204 Resp: 226597
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 68.1 52.8 79.2



#62
4-Nitroaniline
Concen: 35.379 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:138 Resp: 114067
Ion Ratio Lower Upper
138 100
92 51.3 28.9 68.9
108 88.5 61.0 101.0





#63

Azobenzene

Concen: 40.223 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

Tgt Ion: 77 Resp: 507338

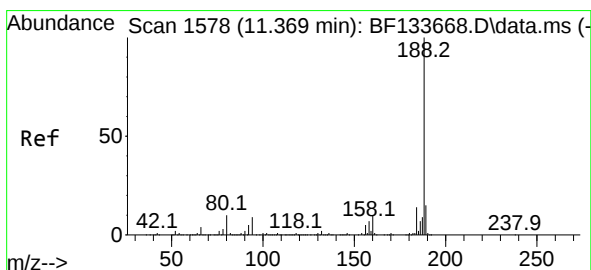
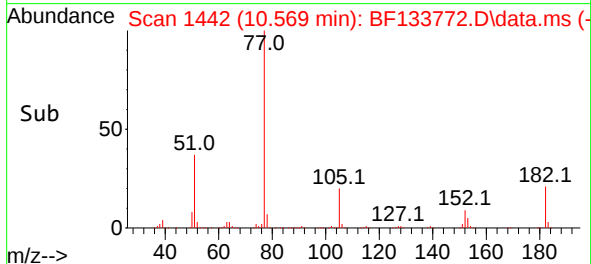
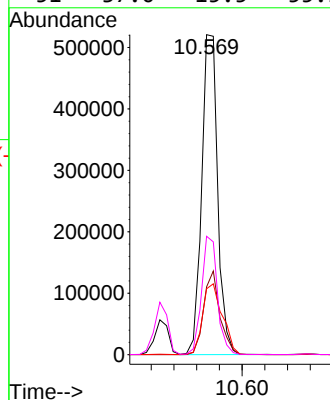
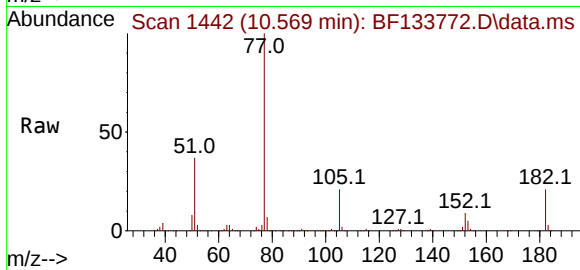
Ion Ratio Lower Upper

77 100

182 21.2 1.6 41.6

105 20.6 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: BF133772.D

Acq: 15 Jun 2023 13:32

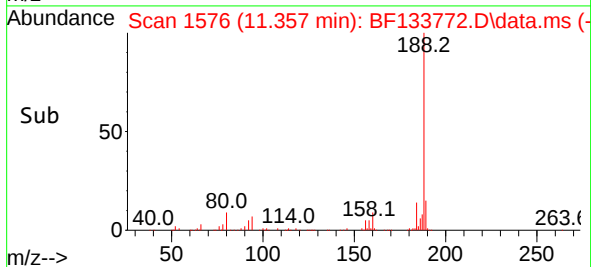
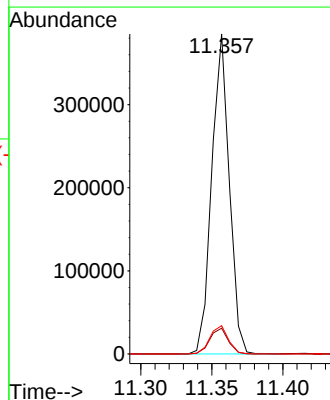
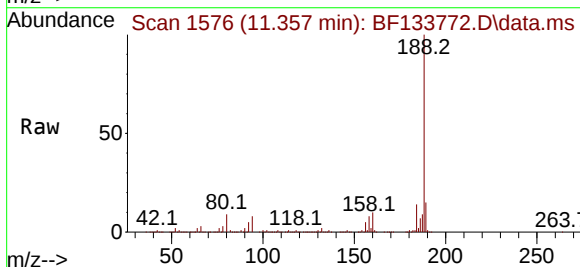
Tgt Ion: 188 Resp: 330863

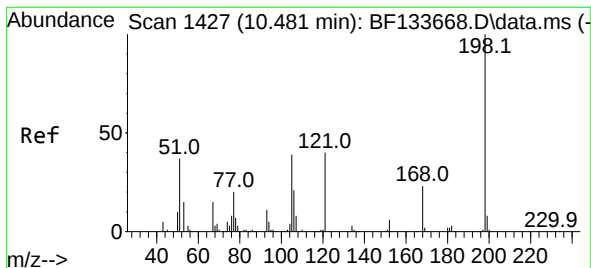
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.9 7.8 11.6

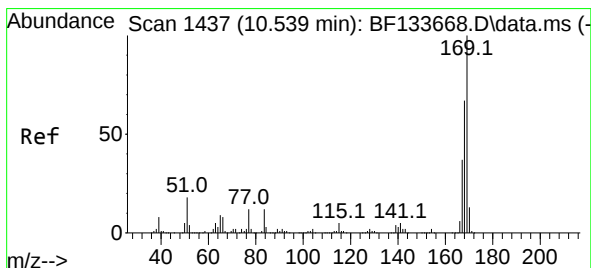
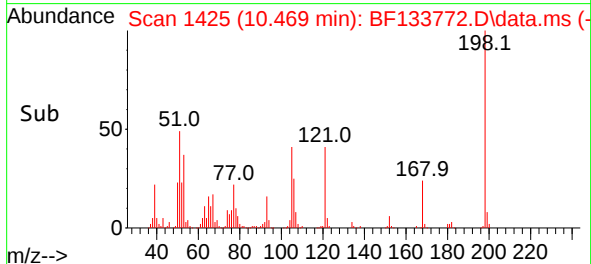
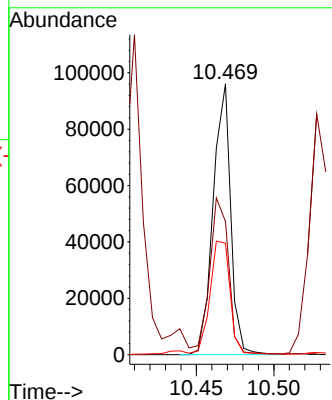
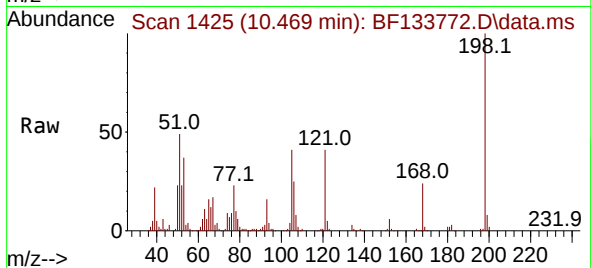




#65
4,6-Dinitro-2-methylphenol
Concen: 47.898 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

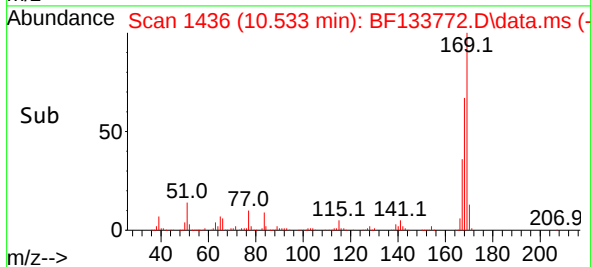
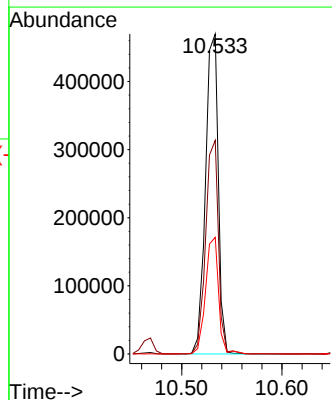
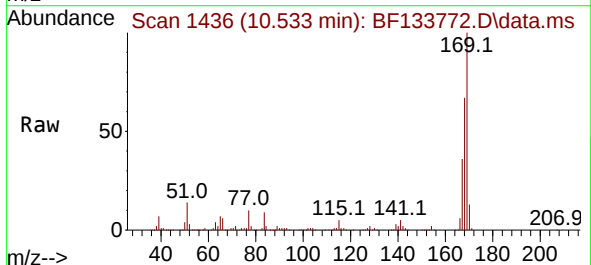
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:198 Resp: 75728
Ion Ratio Lower Upper
198 100
51 49.2 27.5 67.5
105 41.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 37.557 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:169 Resp: 417404
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.5 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 37.884 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

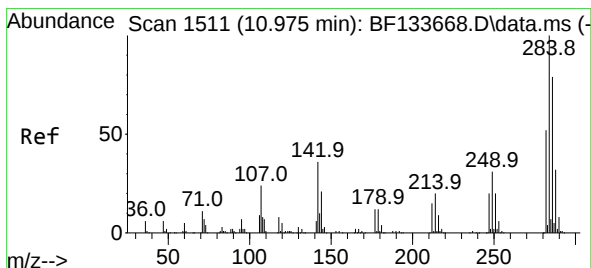
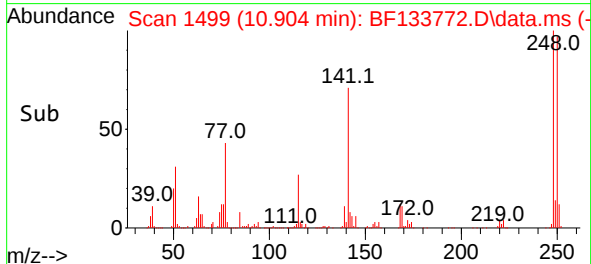
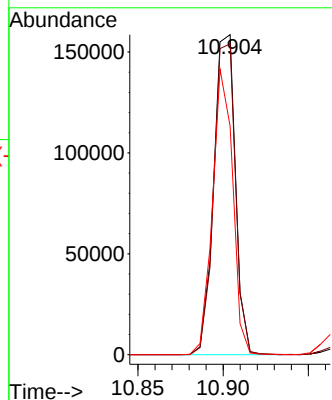
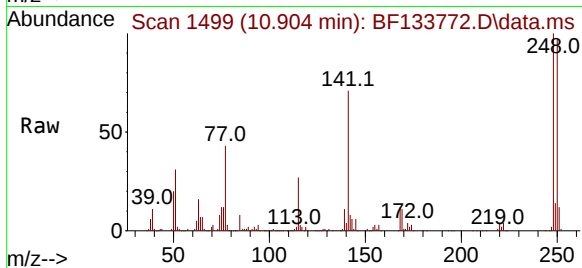
Tgt Ion:248 Resp: 139899

Ion Ratio Lower Upper

248 100

250 97.2 78.3 117.5

141 71.3 69.0 103.6



#68

Hexachlorobenzene

Concen: 39.843 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

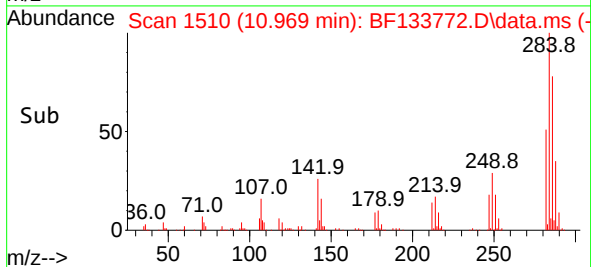
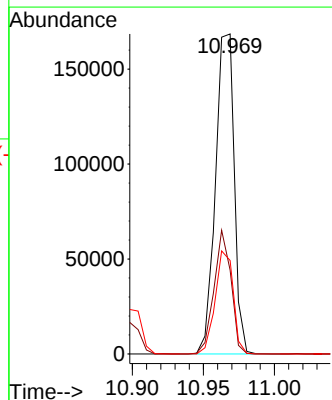
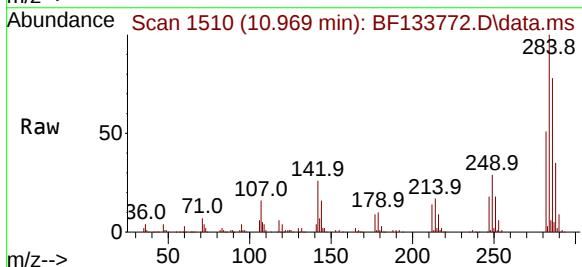
Tgt Ion:284 Resp: 154726

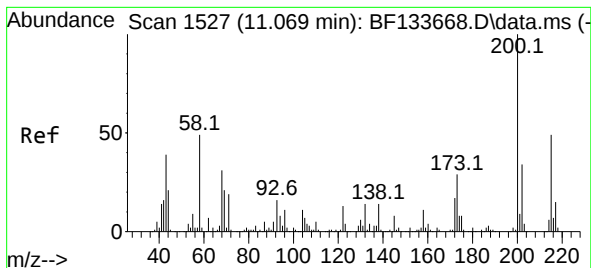
Ion Ratio Lower Upper

284 100

142 26.2 28.6 42.8#

249 29.2 24.6 36.8





#69

Atrazine

Concen: 40.527 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

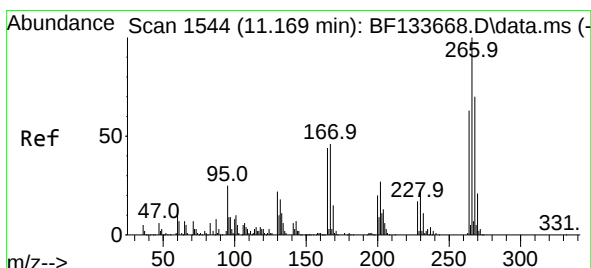
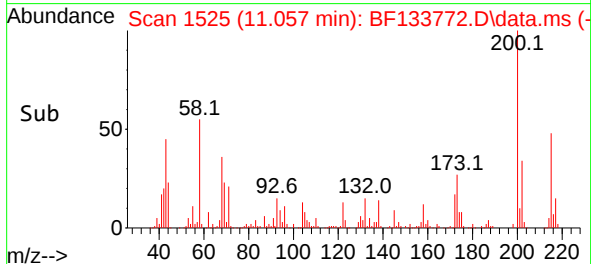
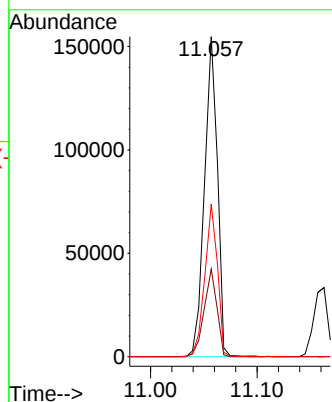
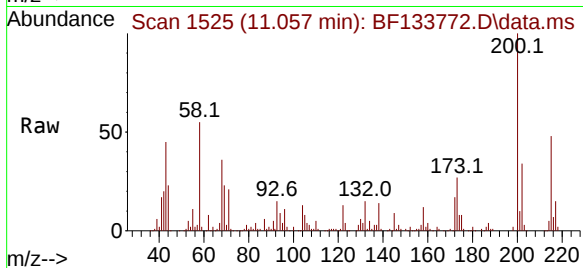
Tgt Ion:200 Resp: 130684

Ion Ratio Lower Upper

200 100

173 27.4 8.7 48.7

215 47.7 29.0 69.0



#70

Pentachlorophenol

Concen: 66.642 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

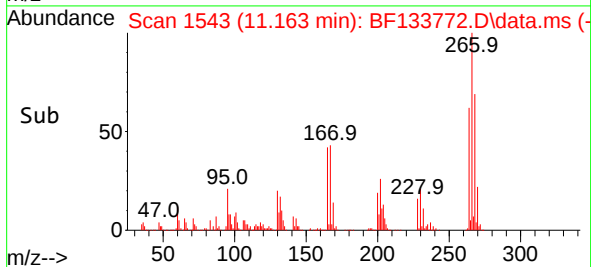
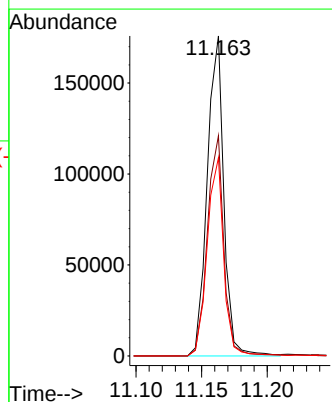
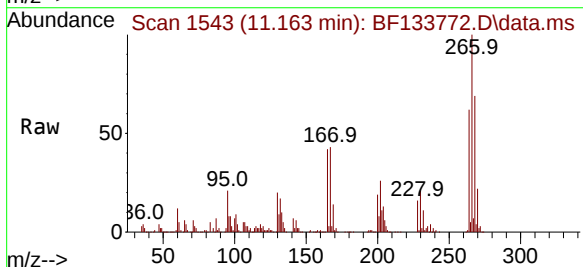
Tgt Ion:266 Resp: 154967

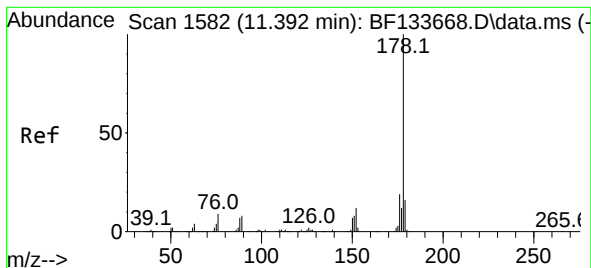
Ion Ratio Lower Upper

266 100

268 68.8 55.7 83.5

264 62.0 50.7 76.1





#71

Phenanthrene

Concen: 39.013 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

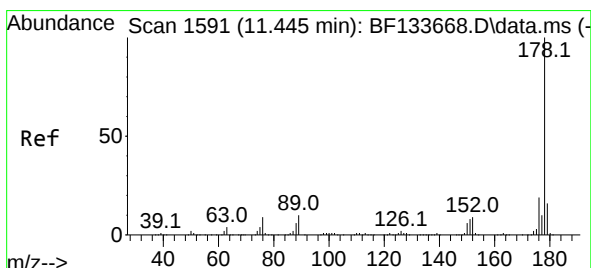
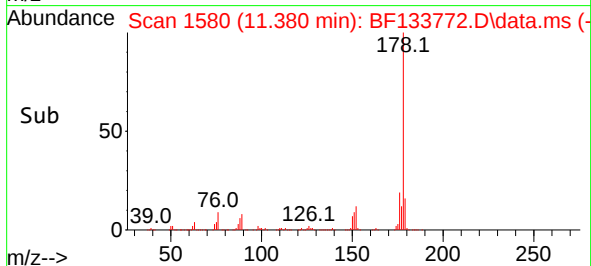
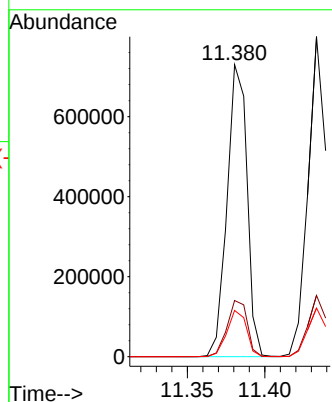
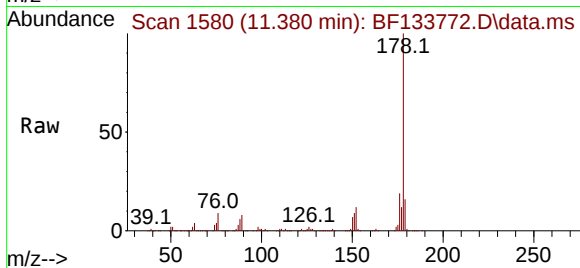
Tgt Ion:178 Resp: 654885

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.8 12.4 18.6



#72

Anthracene

Concen: 37.644 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

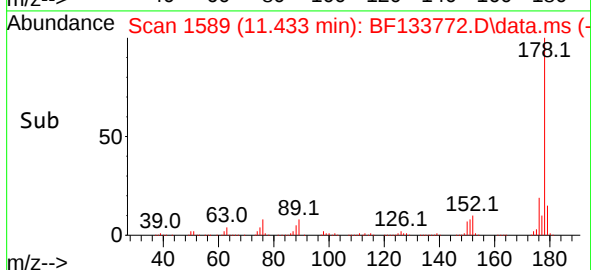
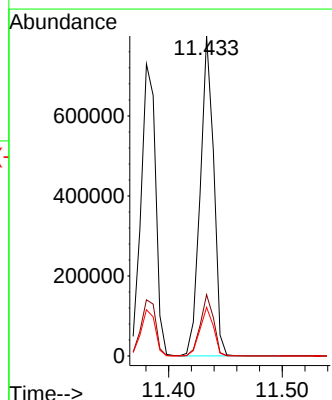
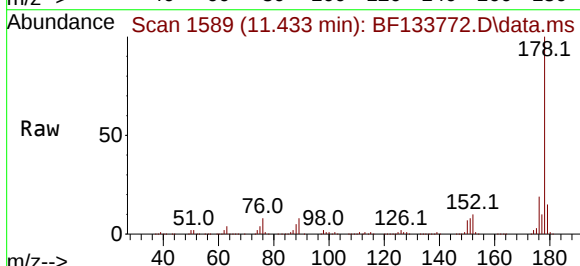
Tgt Ion:178 Resp: 658881

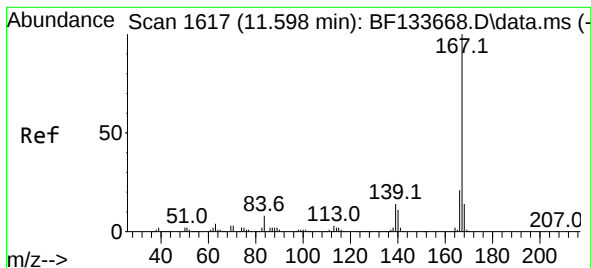
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.2 12.6 18.8





#73

Carbazole

Concen: 36.905 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

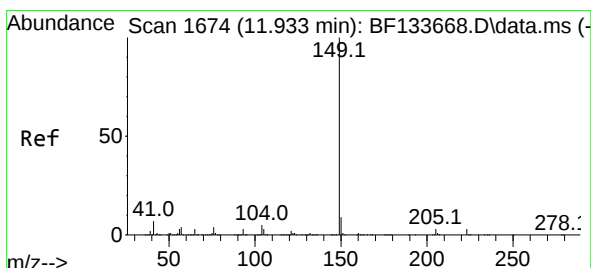
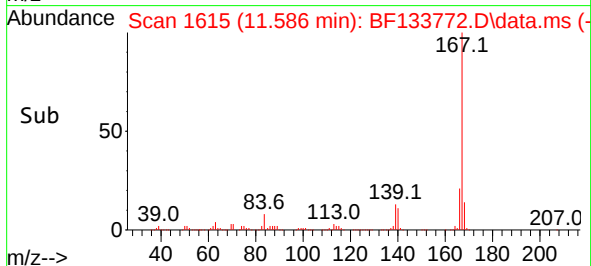
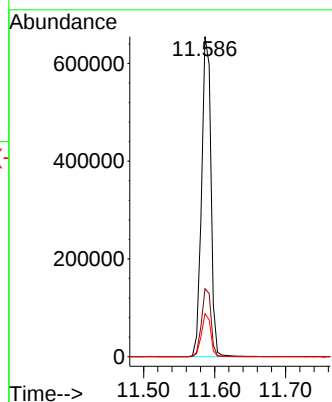
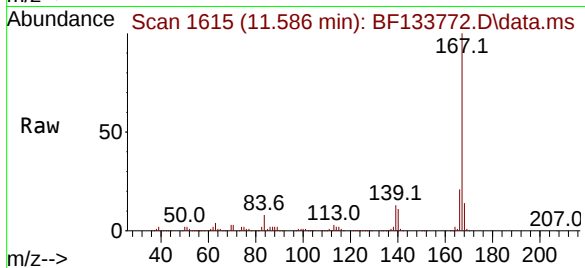
Tgt Ion:167 Resp: 601615

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.5 11.2 16.8



#74

Di-n-butylphthalate

Concen: 34.464 ng

RT: 11.922 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

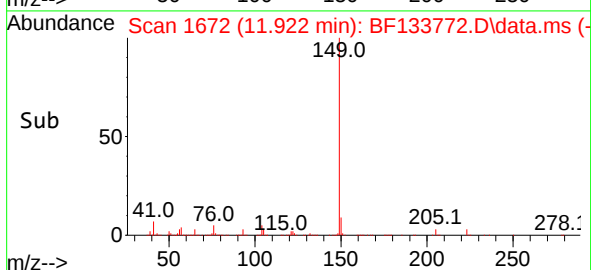
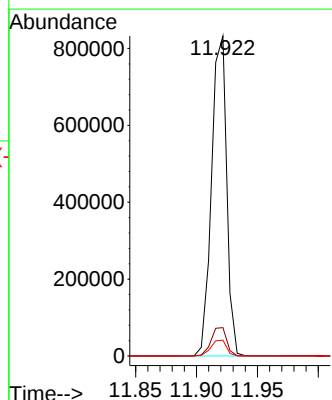
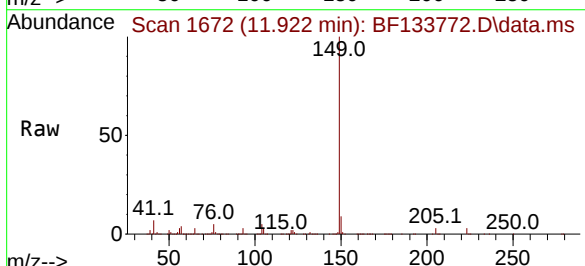
Tgt Ion:149 Resp: 720253

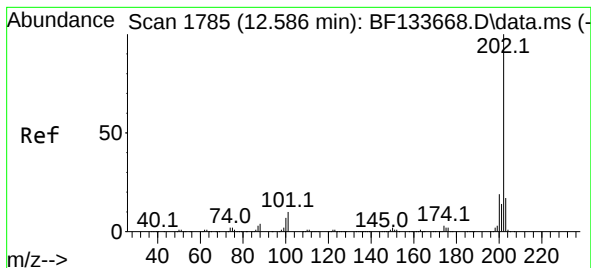
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 36.438 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

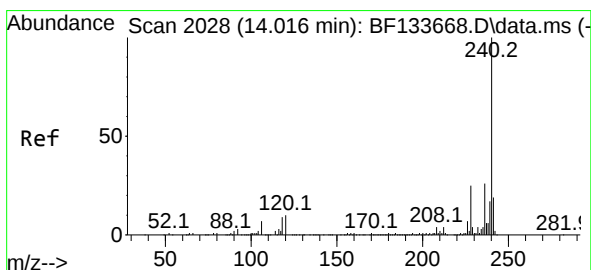
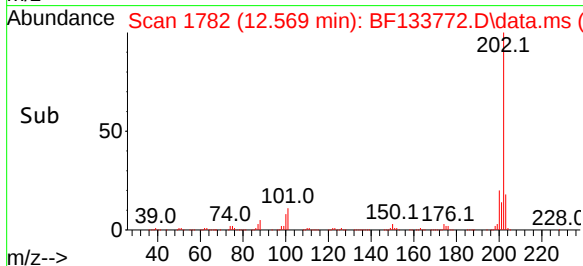
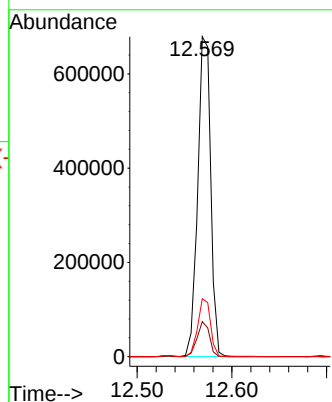
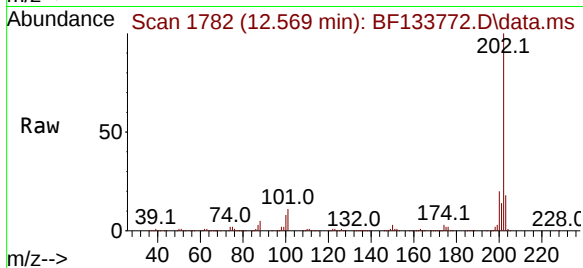
Tgt Ion:202 Resp: 649546

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.6

203 18.1 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: BF133772.D

Acq: 15 Jun 2023 13:32

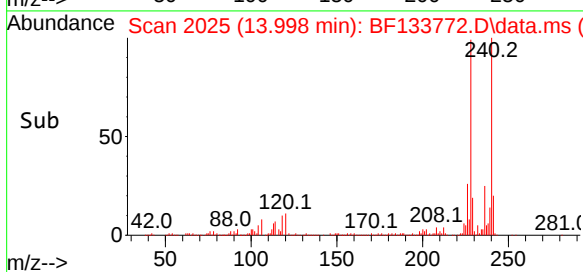
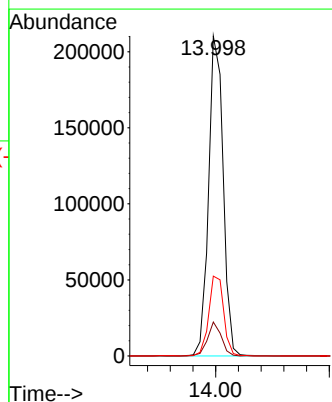
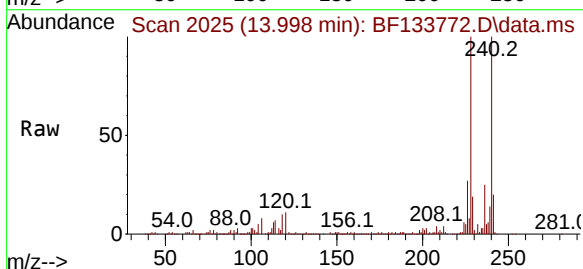
Tgt Ion:240 Resp: 186711

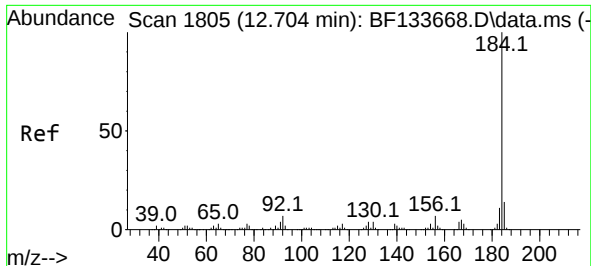
Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 24.9 20.5 30.7

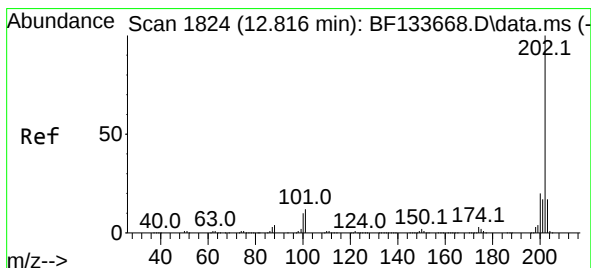
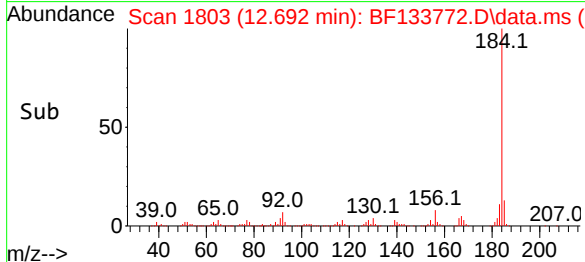
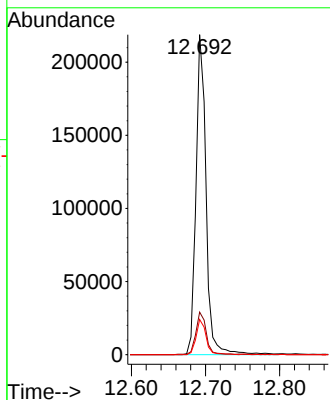
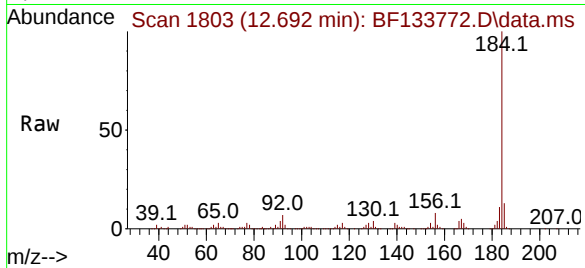




#77
Benzidine
Concen: 32.910 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

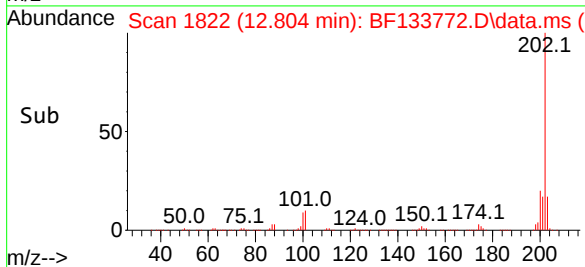
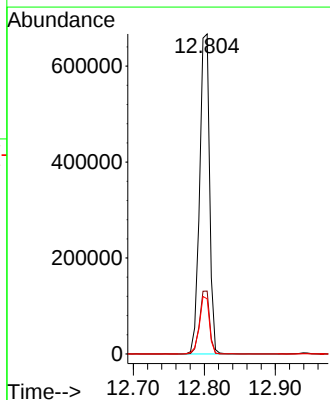
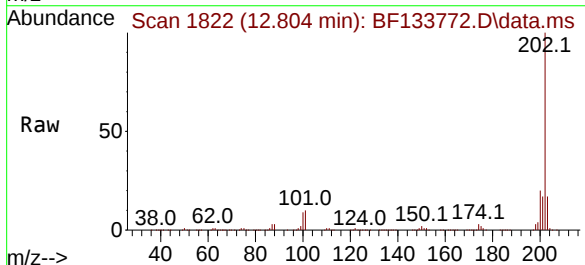
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:184 Resp: 206189
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 11.0 8.4 12.6



#78
Pyrene
Concen: 37.345 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

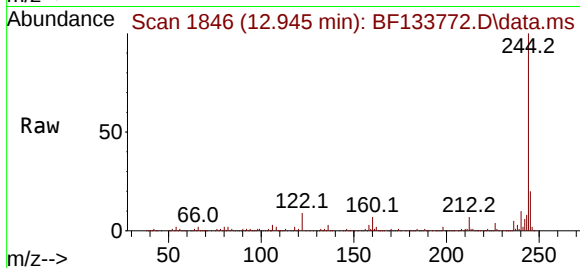
Tgt Ion:202 Resp: 649534
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 17.2 13.9 20.9



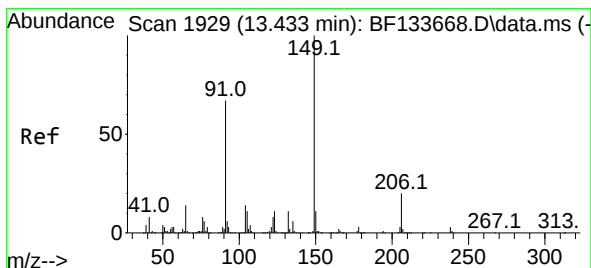
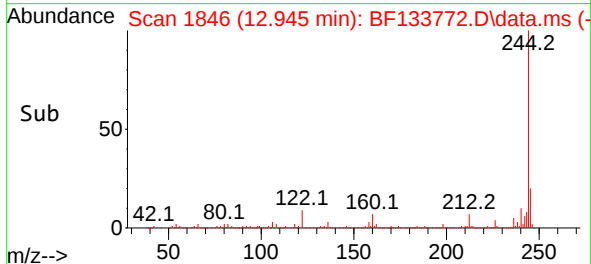
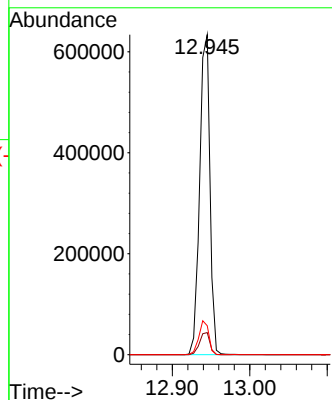


#79
 Terphenyl-d14
 Concen: 48.200 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133772.D
 Acq: 15 Jun 2023 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-GAMSD

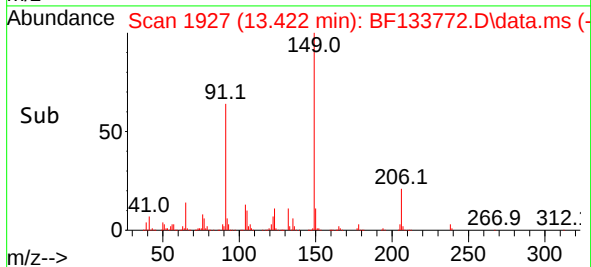
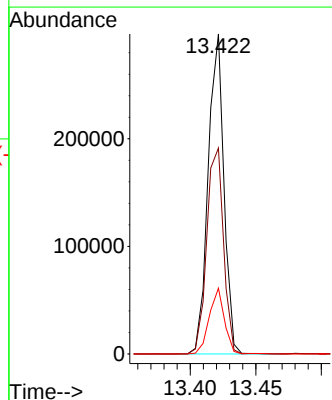
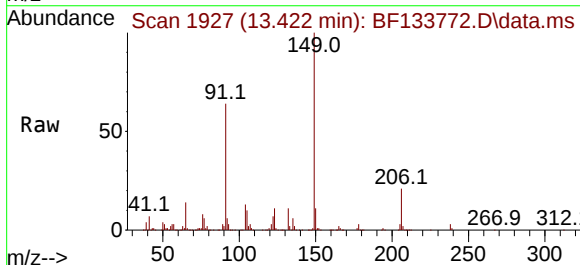


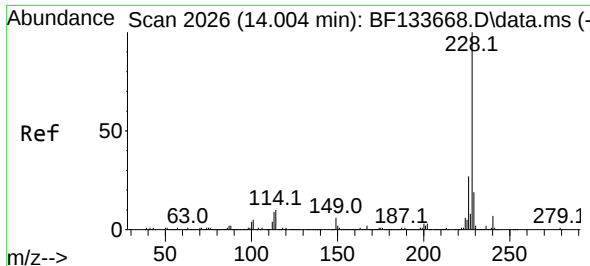
Tgt Ion:244 Resp: 581613
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.1 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 33.926 ng
 RT: 13.422 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133772.D
 Acq: 15 Jun 2023 13:32

Tgt Ion:149 Resp: 249109
 Ion Ratio Lower Upper
 149 100
 91 64.4 54.0 81.0
 206 20.6 15.6 23.4

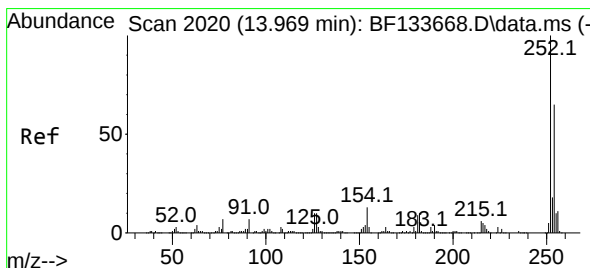
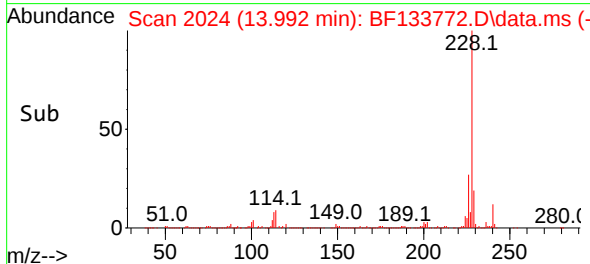
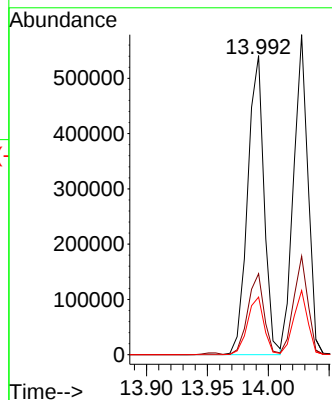
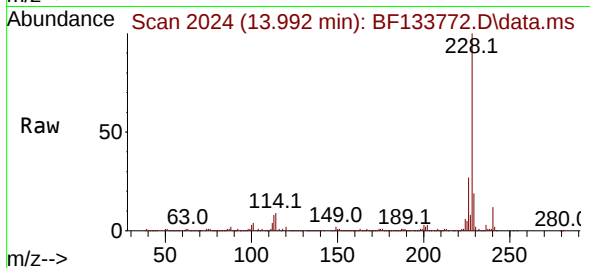




#81
Benzo(a)anthracene
Concen: 39.447 ng
RT: 13.992 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

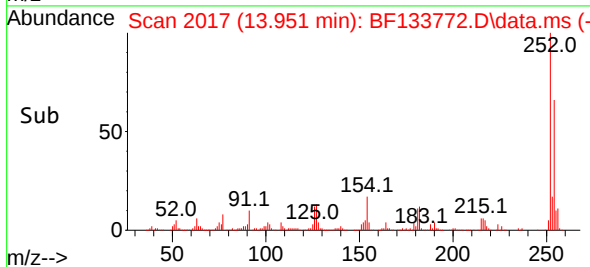
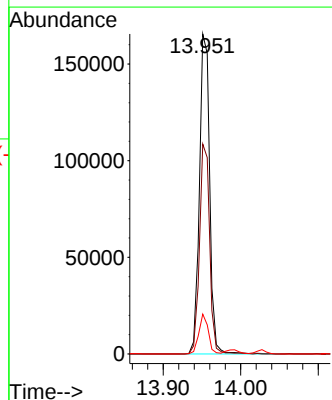
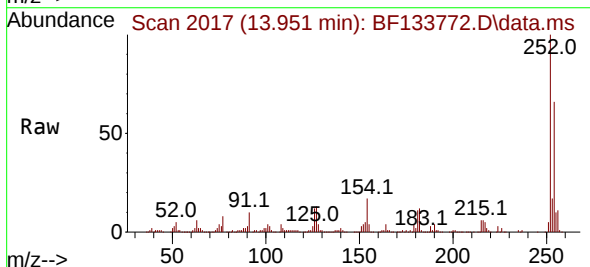
Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

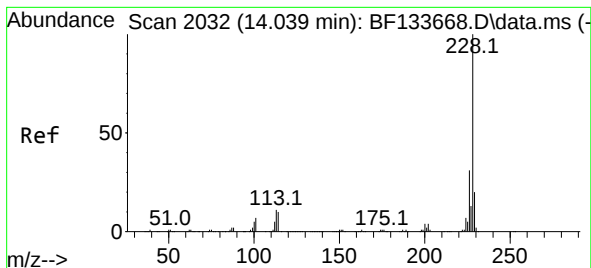
Tgt Ion:228 Resp: 509451
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 35.226 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:252 Resp: 151247
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 12.4 7.7 11.5#





#83

Chrysene

Concen: 38.755 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

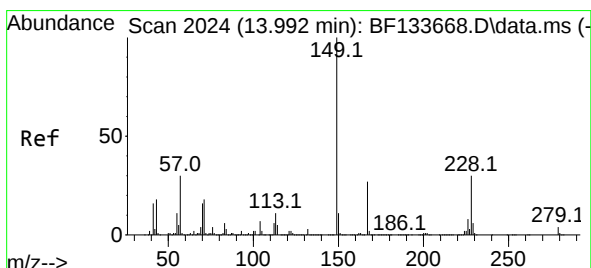
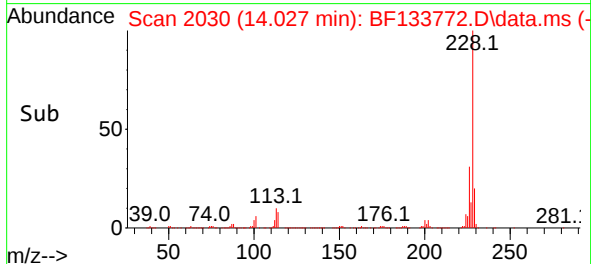
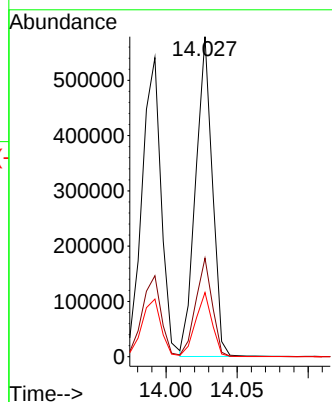
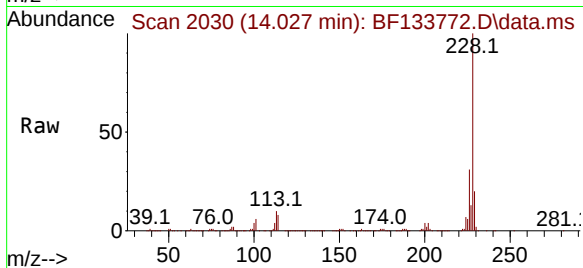
Tgt Ion:228 Resp: 473402

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.028 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

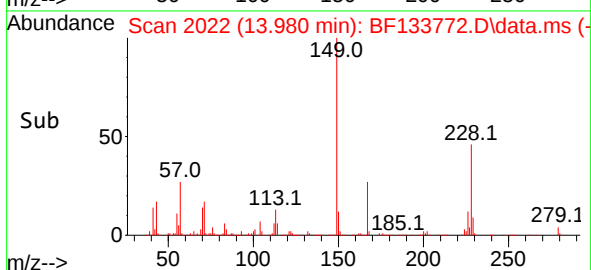
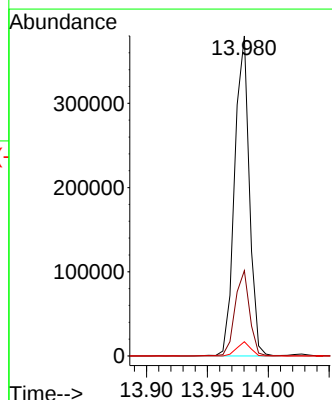
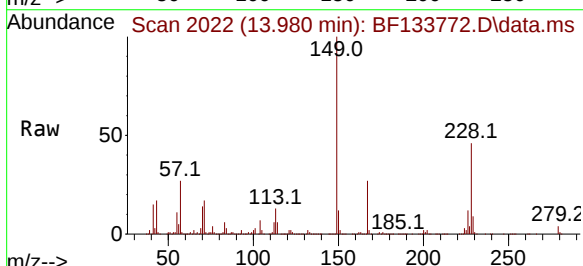
Tgt Ion:149 Resp: 316685

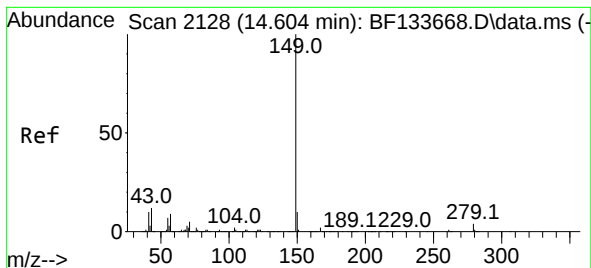
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.646 ng

RT: 14.592 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

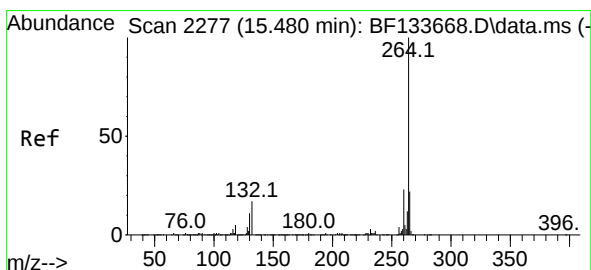
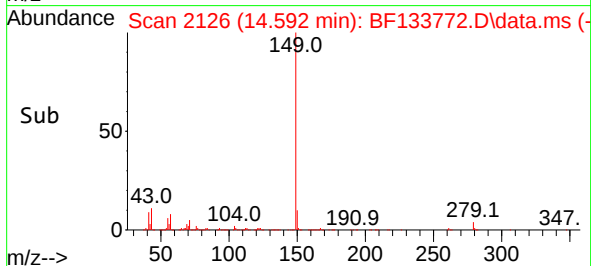
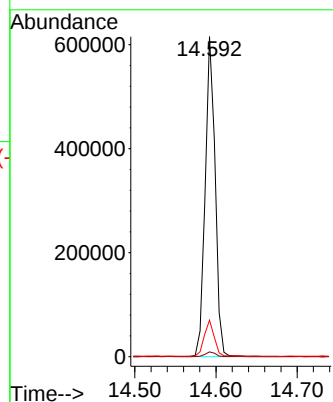
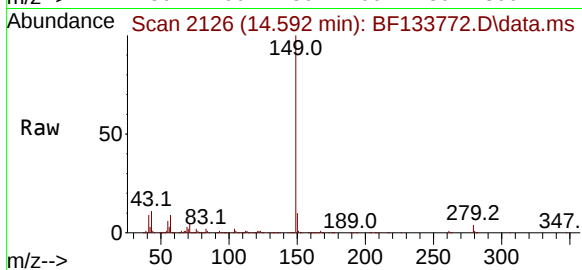
Tgt Ion:149 Resp: 522213

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.3 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: BF133772.D

Acq: 15 Jun 2023 13:32

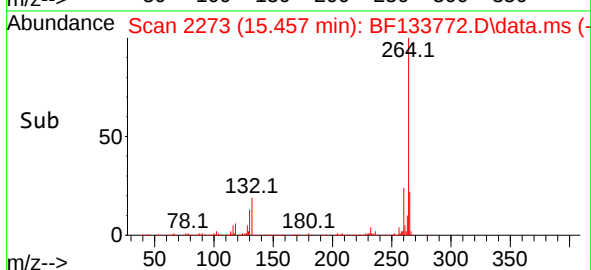
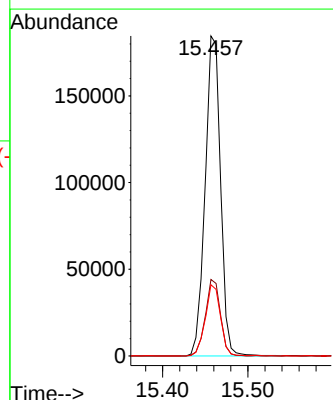
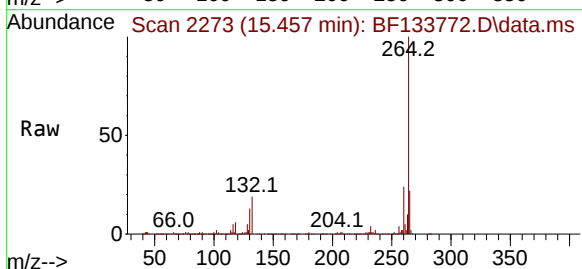
Tgt Ion:264 Resp: 231732

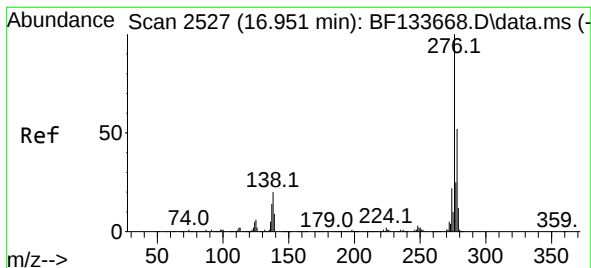
Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.820 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

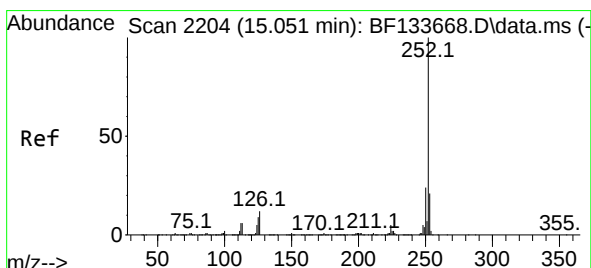
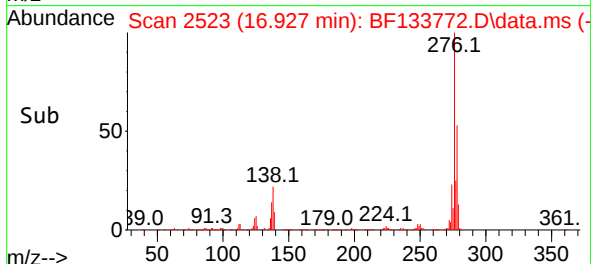
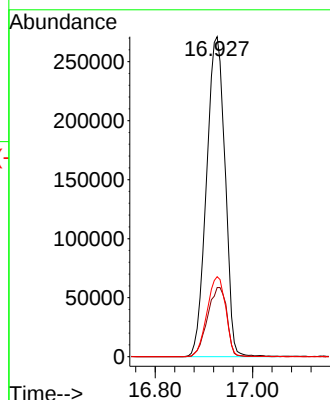
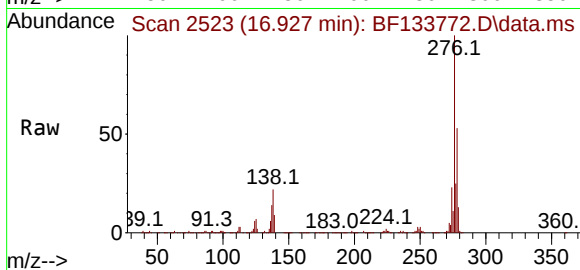
Tgt Ion:276 Resp: 714544

Ion Ratio Lower Upper

276 100

138 22.6 17.9 26.9

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.944 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

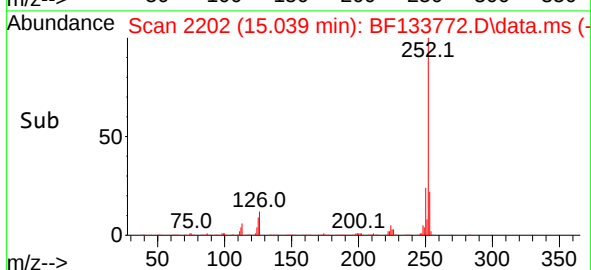
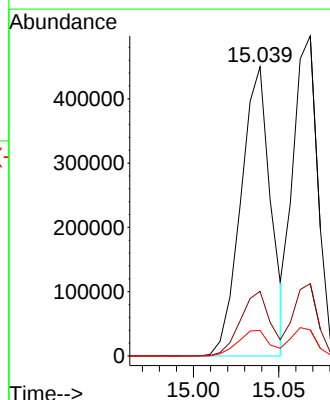
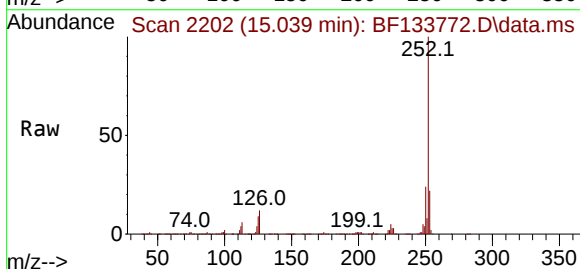
Tgt Ion:252 Resp: 548198

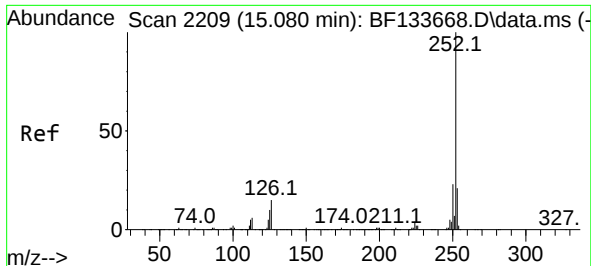
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 36.747 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

Instrument :

BNA_F

ClientSampleId :

TP-4-GAMSD

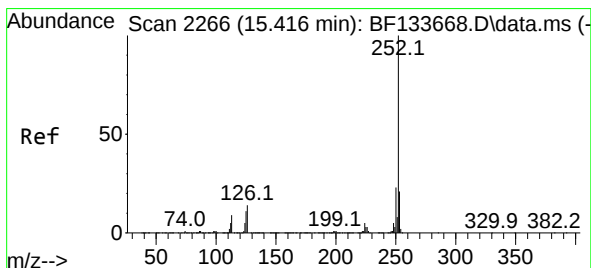
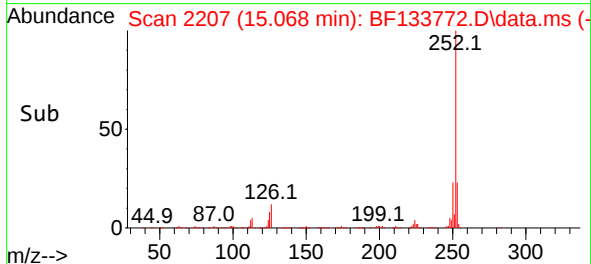
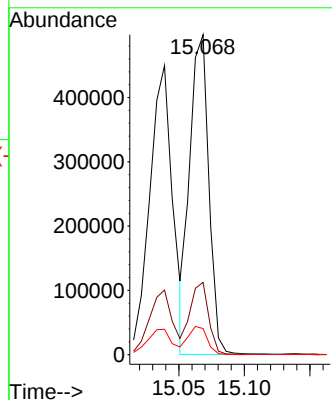
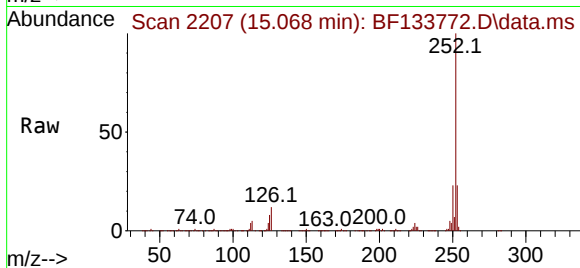
Tgt Ion:252 Resp: 503894

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 8.2 7.8 11.6



#90

Benzo(a)pyrene

Concen: 37.585 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF133772.D

Acq: 15 Jun 2023 13:32

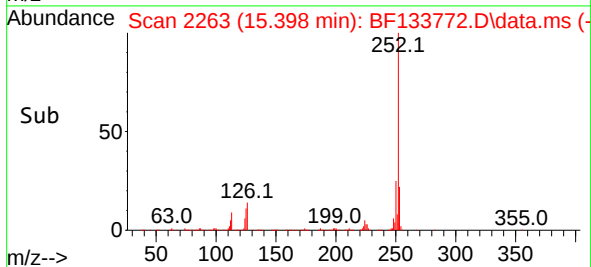
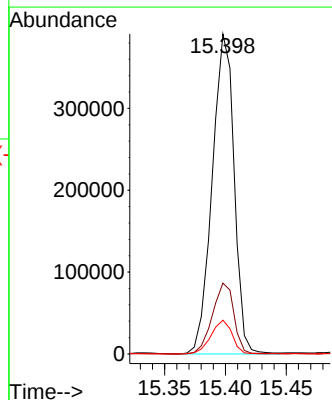
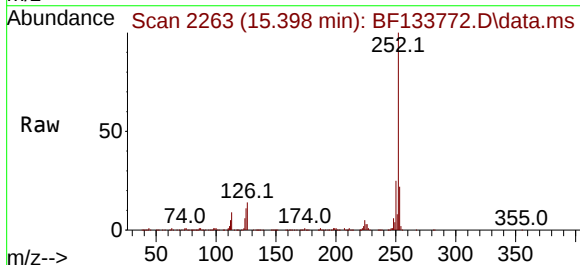
Tgt Ion:252 Resp: 491020

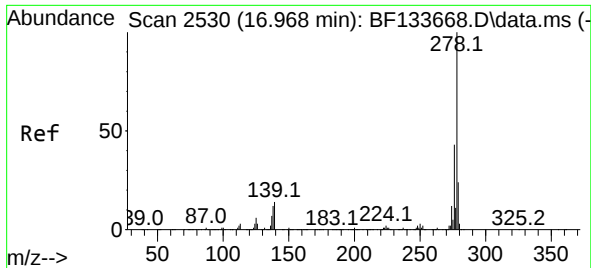
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.6 8.6 13.0

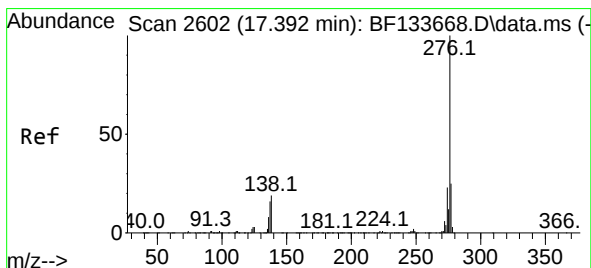
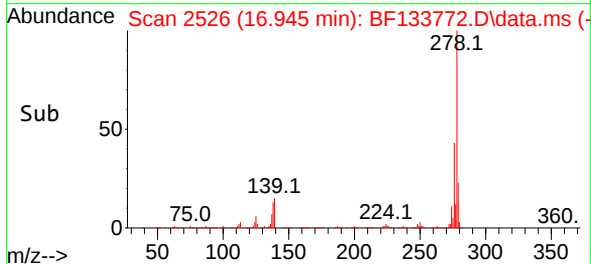
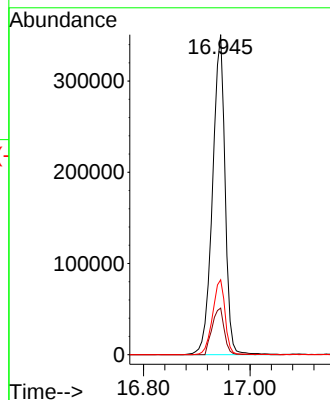
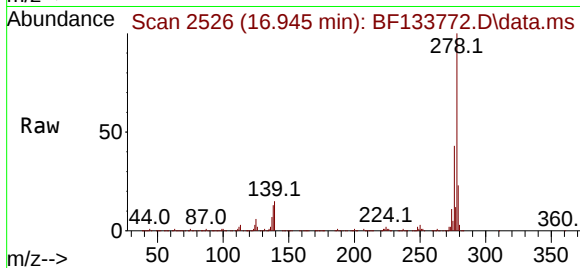




#91
Dibenzo(a,h)anthracene
Concen: 43.459 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Tgt Ion:278 Resp: 573601
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.184 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF133772.D
Acq: 15 Jun 2023 13:32

Tgt Ion:276 Resp: 591287
Ion Ratio Lower Upper
276 100
277 24.5 19.8 29.8
138 19.7 15.0 22.4

