

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136662.D
 Acq On : 21 Dec 2023 10:31
 Operator : CG\JU
 Sample : PB157501BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157501BS

Quant Time: Dec 21 11:37:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	95421	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	403383	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	205829	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402779	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221328	20.000	ng	0.00
86) Perylene-d12	15.445	264	164356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	732267	119.737	ng	0.02
7) Phenol-d6	6.445	99	913882	115.326	ng	0.00
23) Nitrobenzene-d5	7.357	82	587281	74.499	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	275990	113.853	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1084925	70.894	ng	0.00
79) Terphenyl-d14	12.915	244	1196396	75.541	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	76744	30.118	ng	99
3) Pyridine	3.416	79	193383	31.105	ng	95
4) n-Nitrosodimethylamine	3.375	42	137619	41.451	ng	97
6) Aniline	6.457	93	207751	26.222	ng	# 1
8) 2-Chlorophenol	6.581	128	291413	43.543	ng	97
9) Benzaldehyde	6.345	77	74456	16.519	ng	96
10) Phenol	6.457	94	332933	39.357	ng	94
11) bis(2-Chloroethyl)ether	6.534	93	271975	42.277	ng	99
12) 1,3-Dichlorobenzene	6.734	146	280976	38.485	ng	99
13) 1,4-Dichlorobenzene	6.810	146	291359	39.057	ng	98
14) 1,2-Dichlorobenzene	6.957	146	276460	39.827	ng	99
15) Benzyl Alcohol	6.939	79	225174	42.119	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	436508	41.502	ng	99
17) 2-Methylphenol	7.057	107	228629	41.237	ng	95
18) Hexachloroethane	7.298	117	105517	38.948	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	197015	41.013	ng	98
20) 3+4-Methylphenols	7.210	107	276825	39.966	ng	# 76
22) Acetophenone	7.204	105	391963	38.767	ng	98
24) Nitrobenzene	7.375	77	299331	37.906	ng	99
25) Isophorone	7.616	82	549951	38.340	ng	99
26) 2-Nitrophenol	7.686	139	152846	40.455	ng	92
27) 2,4-Dimethylphenol	7.733	122	230790	50.175	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	335783	38.512	ng	99
29) 2,4-Dichlorophenol	7.933	162	229783	38.804	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	248093	37.602	ng	97
31) Naphthalene	8.092	128	822706	37.124	ng	100
32) Benzoic acid	7.881	122	182955	41.109	ng	98
33) 4-Chloroaniline	8.145	127	192025	23.469	ng	98
34) Hexachlorobutadiene	8.204	225	144296	35.996	ng	99
35) Caprolactam	8.528	113	45552	23.318	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	262002	39.301	ng	99
37) 2-Methylnaphthalene	8.780	142	529883	37.153	ng	100
38) 1-Methylnaphthalene	8.880	142	500164	35.746	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	248525	38.988	ng	99
41) Hexachlorocyclopentadiene	8.933	237	191552	93.375	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	163044	39.883	ng	99

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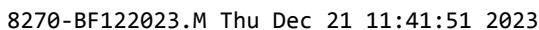
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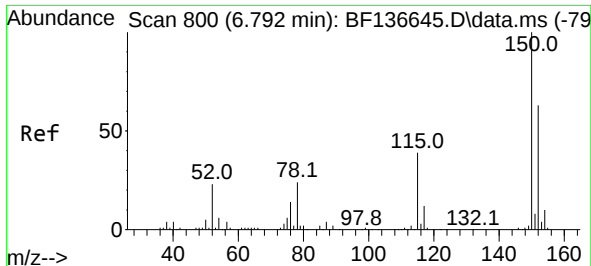
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	185707	40.765	ng	# 95
46) 1,1'-Biphenyl	9.251	154	663653	38.423	ng	99
47) 2-Chloronaphthalene	9.275	162	500270	38.100	ng	99
48) 2-Nitroaniline	9.375	65	169857	41.309	ng	99
49) Acenaphthylene	9.692	152	812188	40.468	ng	100
50) Dimethylphthalate	9.557	163	607882	40.433	ng	99
51) 2,6-Dinitrotoluene	9.622	165	135624	39.749	ng	96
52) Acenaphthene	9.863	154	471969	37.937	ng	99
53) 3-Nitroaniline	9.792	138	118821	32.874	ng	90
54) 2,4-Dinitrophenol	9.904	184	153727	81.232	ng	94
55) Dibenzofuran	10.033	168	730651	38.743	ng	98
56) 4-Nitrophenol	9.969	139	202859	83.141	ng	96
57) 2,4-Dinitrotoluene	10.027	165	170886	38.579	ng	95
58) Fluorene	10.380	166	578717	38.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	156120	44.520	ng	99
60) Diethylphthalate	10.257	149	618552	39.653	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	269221	37.015	ng	99
62) 4-Nitroaniline	10.416	138	138447	39.734	ng	96
63) Azobenzene	10.533	77	576190	39.548	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	100335	43.467	ng	90
66) n-Nitrosodiphenylamine	10.492	169	527469	40.314	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	172290	38.516	ng	97
68) Hexachlorobenzene	10.927	284	192268	38.570	ng	98
69) Atrazine	11.027	200	136030	40.648	ng	98
70) Pentachlorophenol	11.127	266	170938	73.568	ng	99
71) Phenanthrene	11.345	178	838146	40.555	ng	100
72) Anthracene	11.398	178	840372	40.152	ng	100
73) Carbazole	11.557	167	783302	39.695	ng	100
74) Di-n-butylphthalate	11.886	149	982263	40.793	ng	99
75) Fluoranthene	12.533	202	866744	39.208	ng	97
77) Benzidine	12.657	184	30877	4.731	ng	97
78) Pyrene	12.763	202	862801	39.711	ng	99
80) Butylbenzylphthalate	13.392	149	349438	44.200	ng	97
81) Benzo(a)anthracene	13.962	228	618318	40.232	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	171104	39.203	ng	98
83) Chrysene	13.998	228	596020	39.658	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	431654	43.395	ng	99
85) Di-n-octyl phthalate	14.568	149	673828	43.793	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	566235	47.716	ng	99
88) Benzo(b)fluoranthene	15.015	252	513085	46.740	ng	100
89) Benzo(k)fluoranthene	15.045	252	477011	45.987	ng	98
90) Benzo(a)pyrene	15.386	252	430461	46.455	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	475882	48.881	ng	98
92) Benzo(g,h,i)perylene	17.409	276	464327	46.567	ng	100

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

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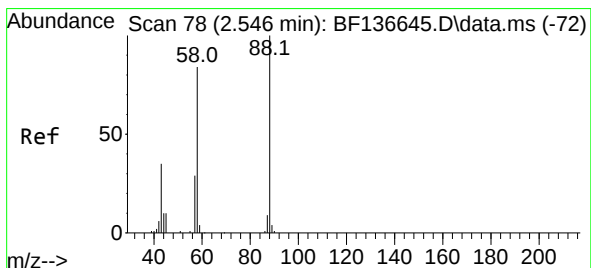
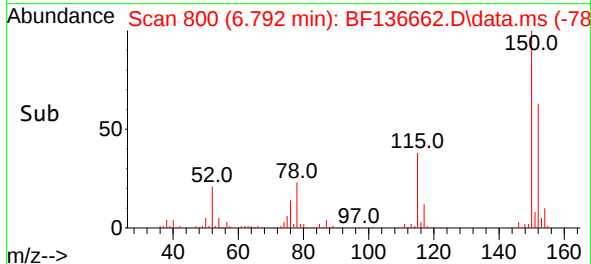
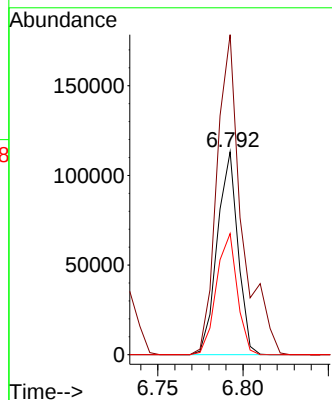
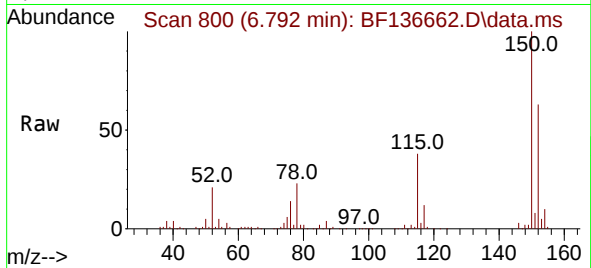




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

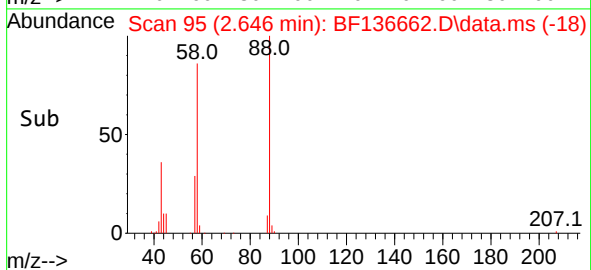
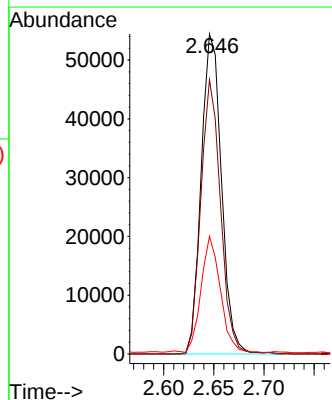
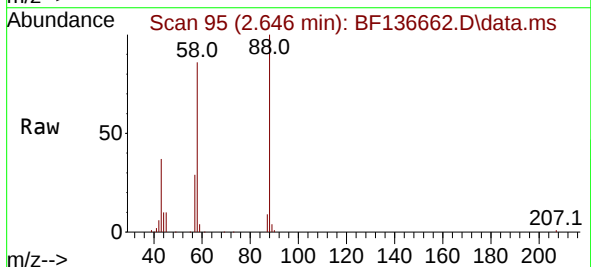
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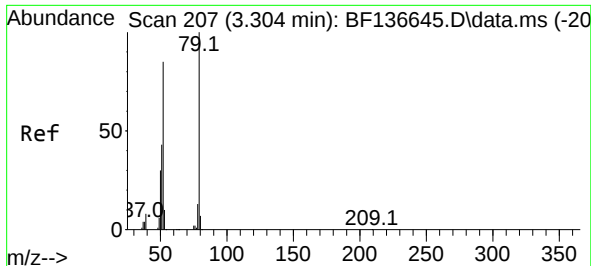
Tgt Ion:152 Resp: 95421
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 59.7 49.0 73.4



#2
1,4-Dioxane
Concen: 30.118 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.100 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 88 Resp: 76744
Ion Ratio Lower Upper
88 100
58 83.4 67.4 101.0
43 34.8 27.7 41.5

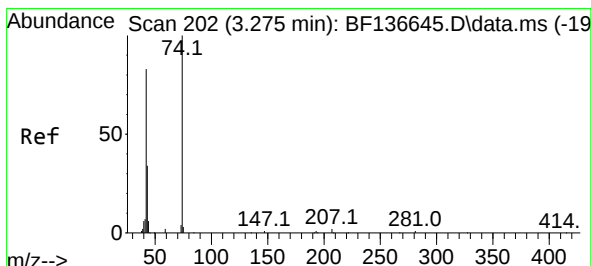
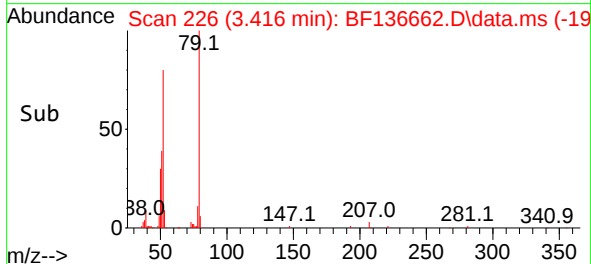
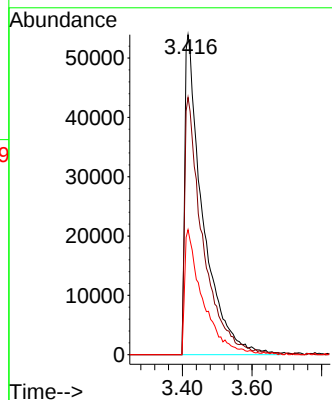
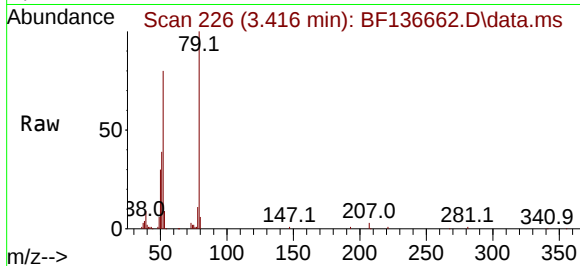




#3
 Pyridine
 Concen: 31.105 ng
 RT: 3.416 min Scan# 219
 Delta R.T. 0.112 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

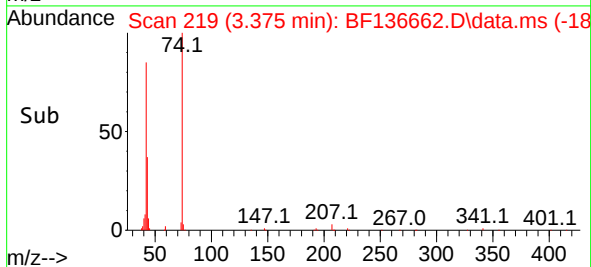
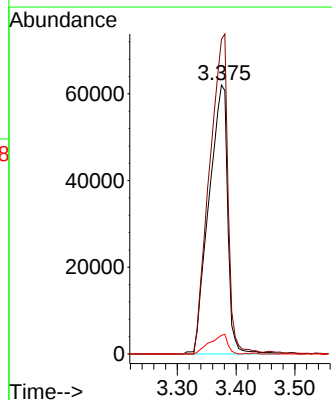
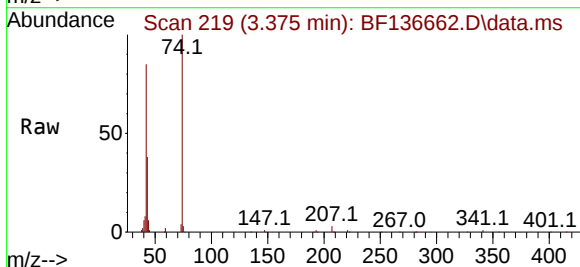
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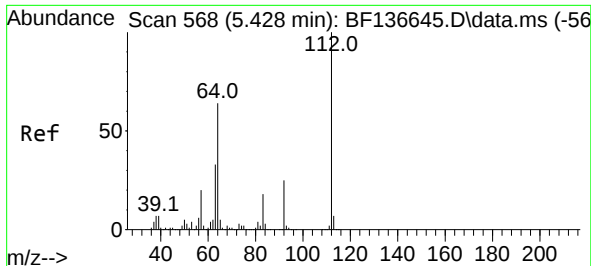
Tgt Ion: 79 Resp: 193383
 Ion Ratio Lower Upper
 79 100
 52 80.4 67.7 101.5
 51 39.1 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 41.451 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.100 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

Tgt Ion: 42 Resp: 137619
 Ion Ratio Lower Upper
 42 100
 74 117.0 96.0 144.0
 44 6.9 5.4 8.2

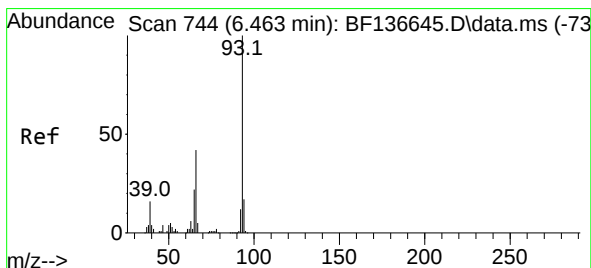
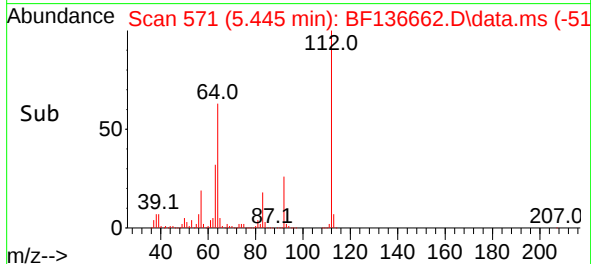
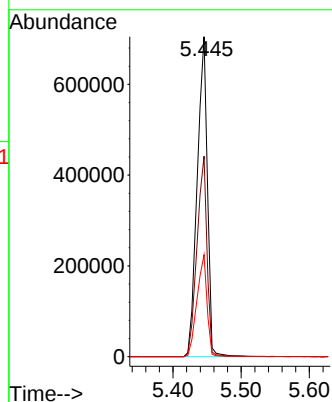
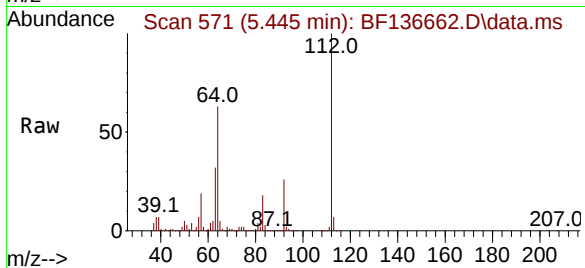




#5
2-Fluorophenol
Concen: 119.737 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

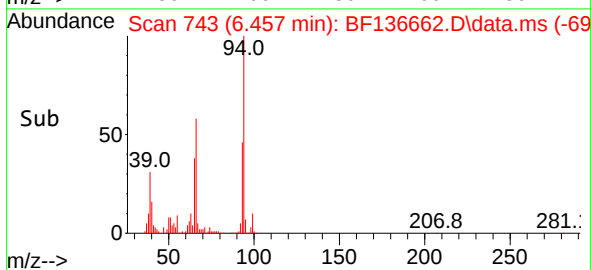
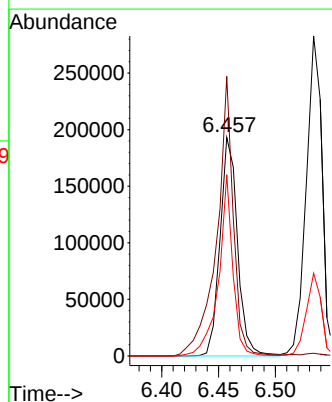
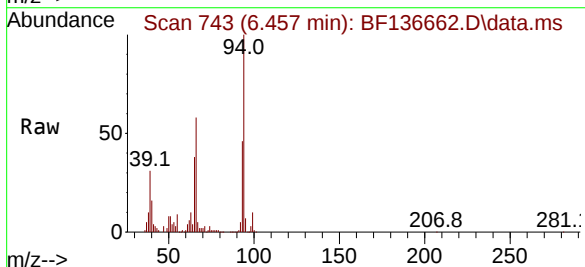
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ClientSampleId :
PB157501BS

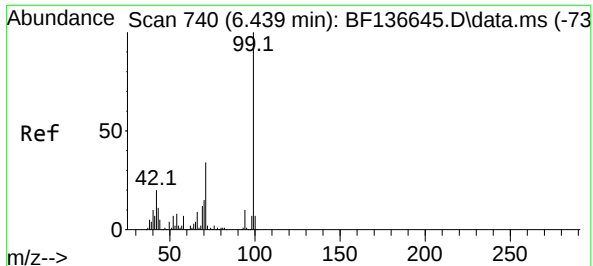
Tgt Ion:112 Resp: 732267
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.8 26.1 39.1



#6
Aniline
Concen: 26.222 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 93 Resp: 207751
Ion Ratio Lower Upper
93 100
66 127.9 34.6 51.8#
65 82.9 17.8 26.8#

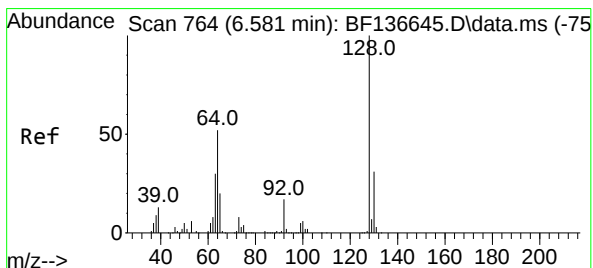
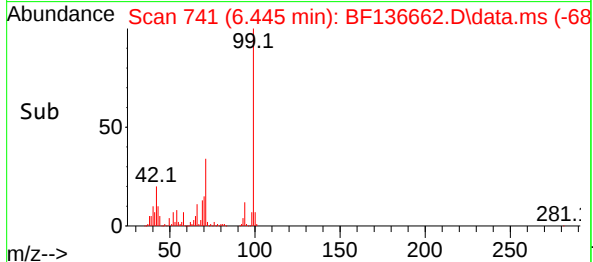
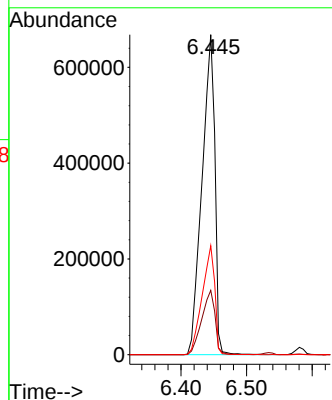
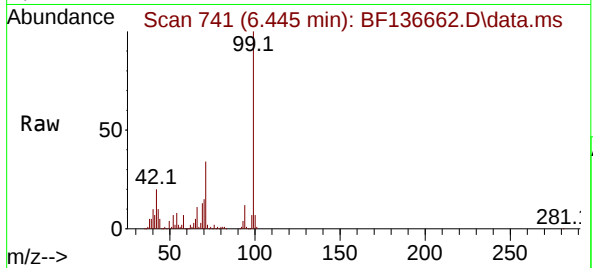




#7
Phenol-d6
Concen: 115.326 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

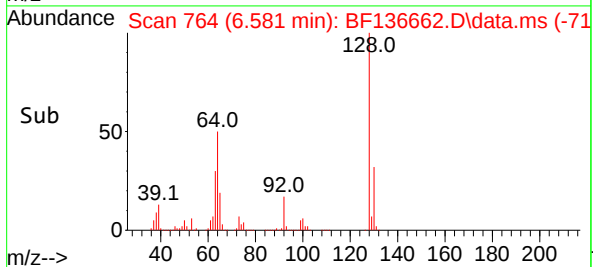
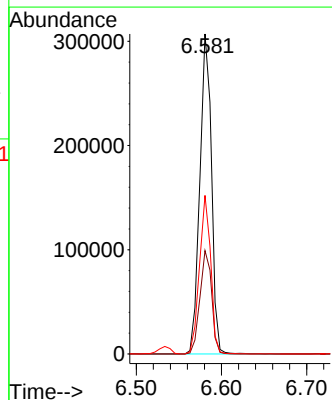
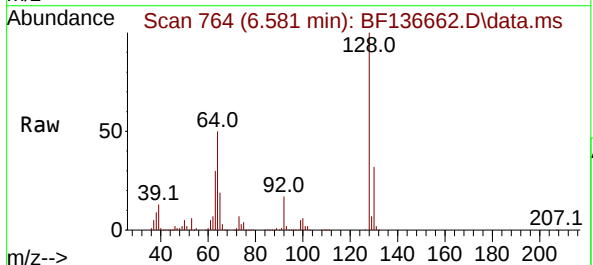
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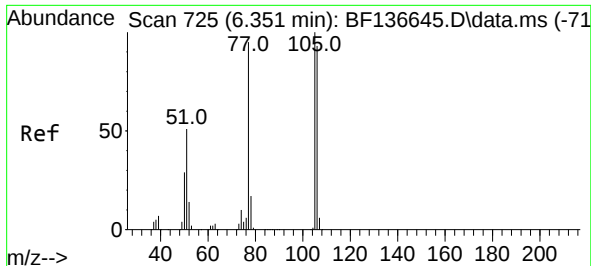
Tgt Ion: 99 Resp: 913882
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 34.1 27.4 41.2



#8
2-Chlorophenol
Concen: 43.543 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:128 Resp: 291413
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 49.5 32.5 72.5

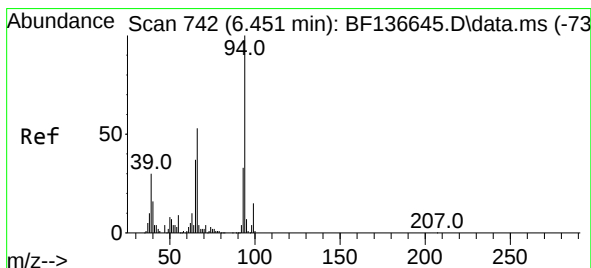
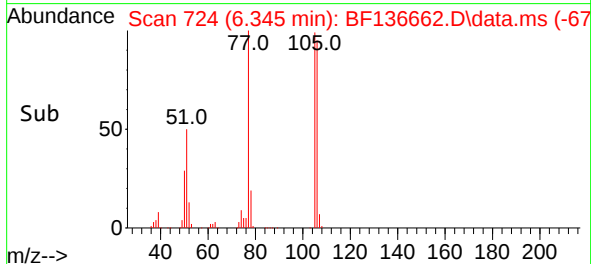
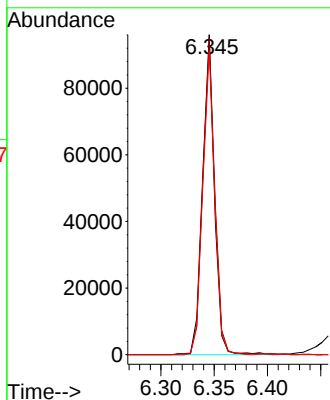
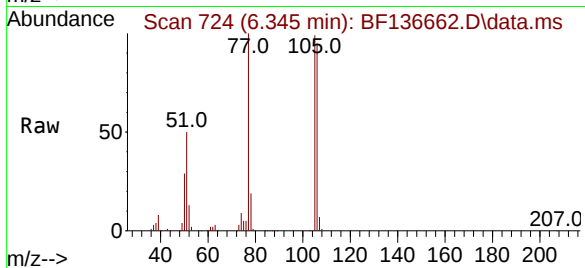




#9
Benzaldehyde
Concen: 16.519 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

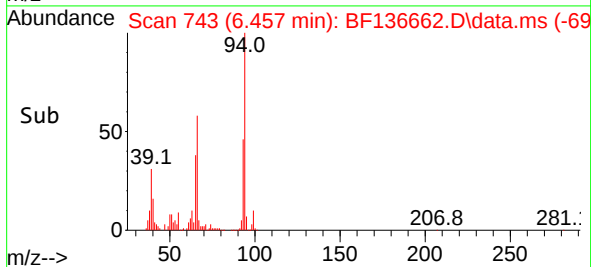
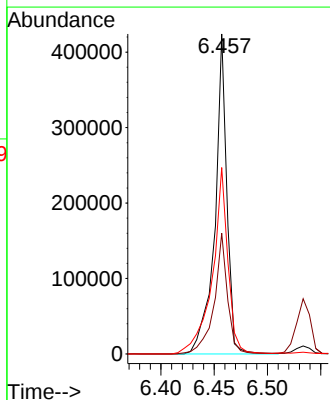
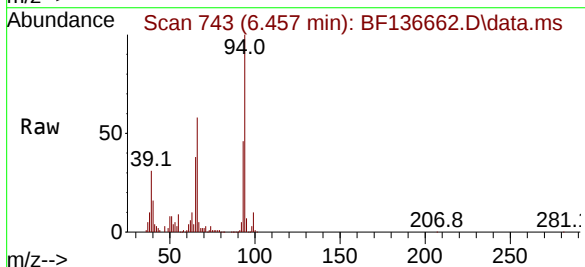
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BNA_F
ClientSampleId :
PB157501BS

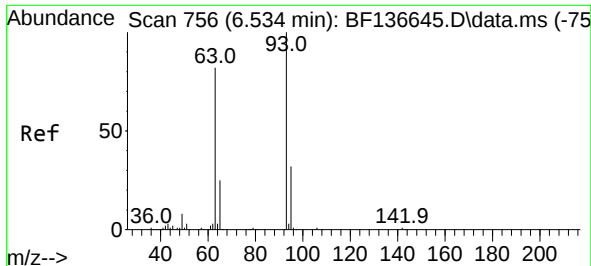
Tgt Ion: 77 Resp: 74456
Ion Ratio Lower Upper
77 100
105 99.0 84.8 124.8
106 95.0 77.8 117.8



#10
Phenol
Concen: 39.357 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 94 Resp: 332933
Ion Ratio Lower Upper
94 100
65 37.8 16.6 56.6
66 58.3 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 42.277 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

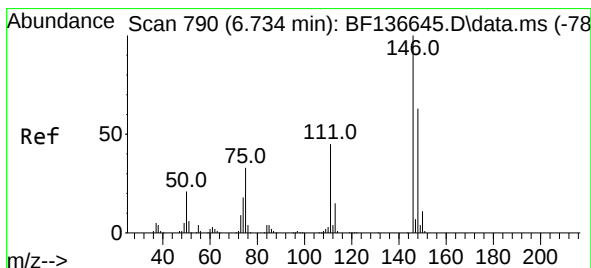
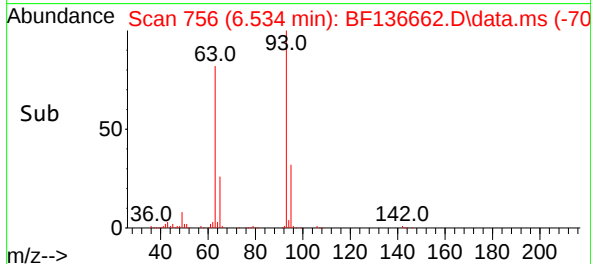
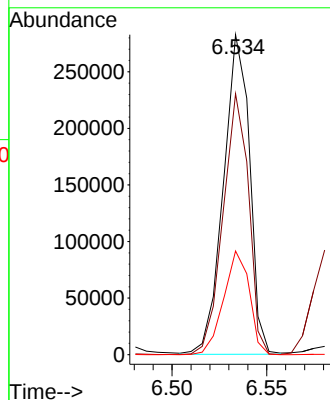
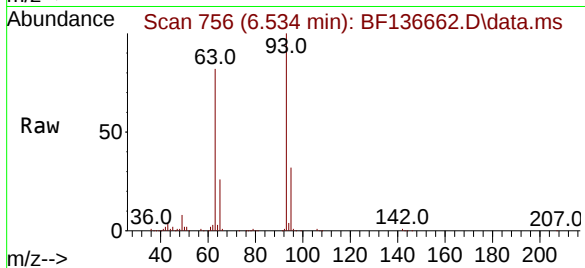
Tgt Ion: 93 Resp: 271975

Ion Ratio Lower Upper

93 100

63 81.6 61.2 101.2

95 32.4 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.485 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

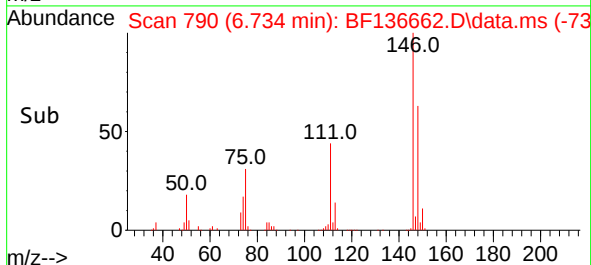
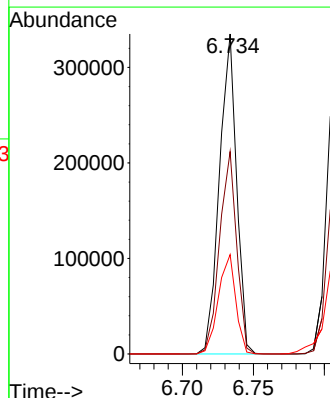
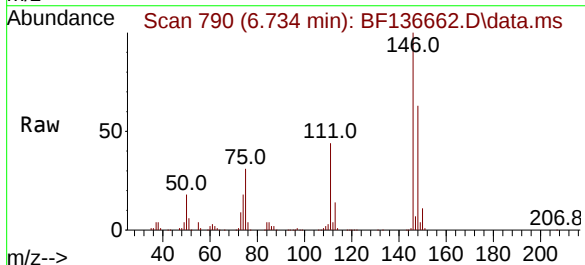
Tgt Ion:146 Resp: 280976

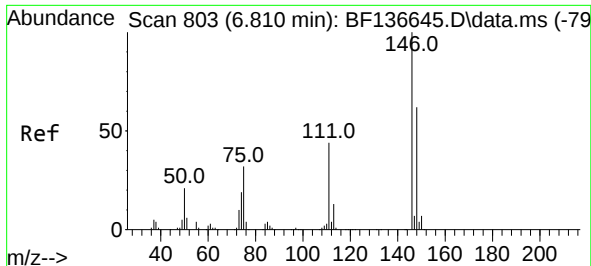
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 31.0 26.2 39.4

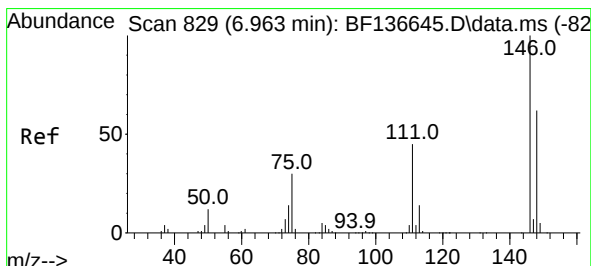
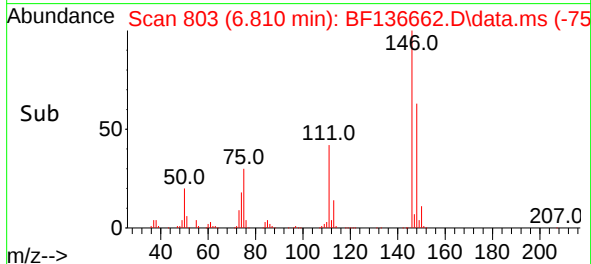
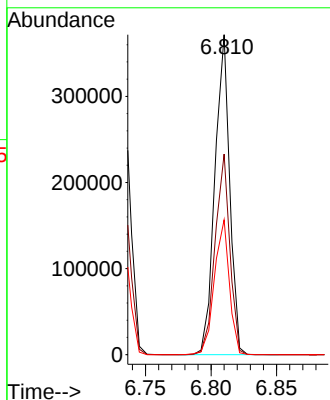
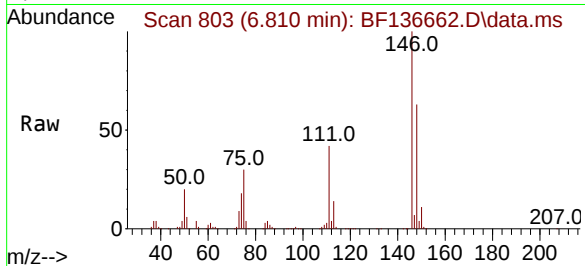




#13
1,4-Dichlorobenzene
Concen: 39.057 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

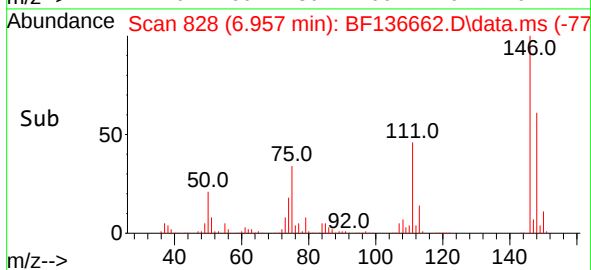
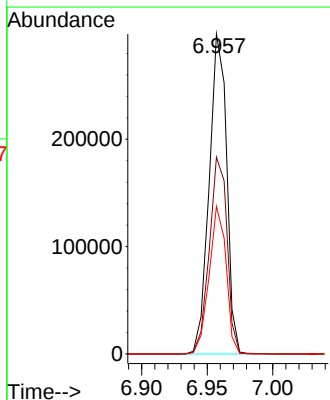
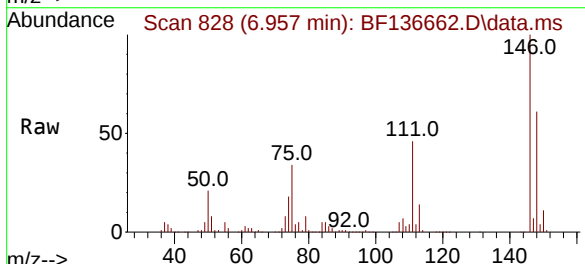
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:146 Resp: 291359
Ion Ratio Lower Upper
146 100
148 62.7 49.2 73.8
111 42.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 39.827 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:146 Resp: 276460
Ion Ratio Lower Upper
146 100
148 61.5 49.6 74.4
111 46.1 36.2 54.2

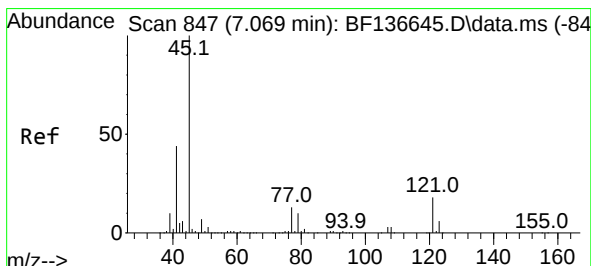
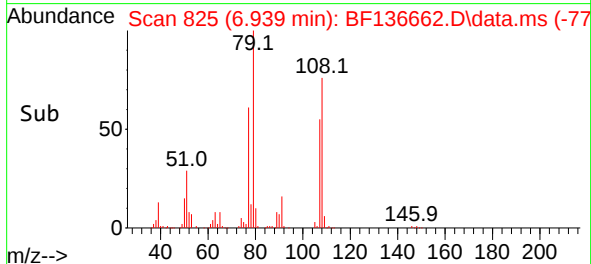
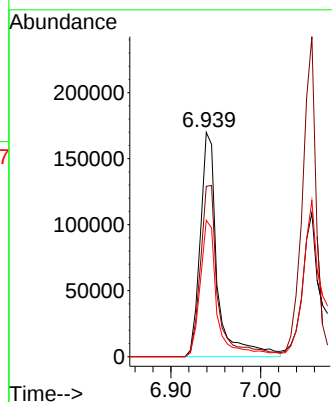
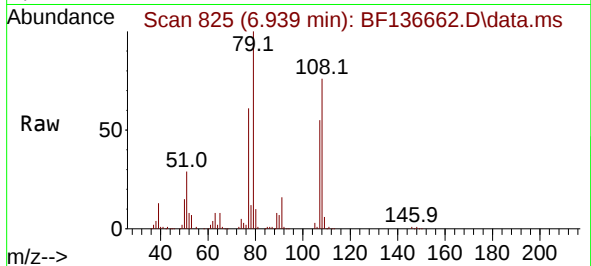




#15
Benzyl Alcohol
Concen: 42.119 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

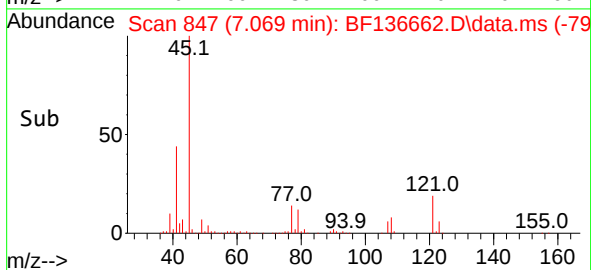
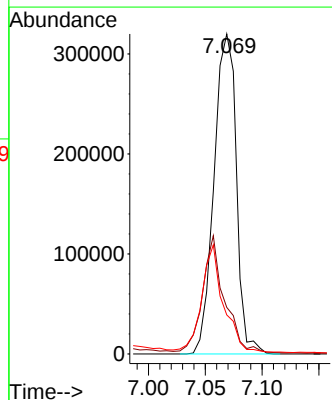
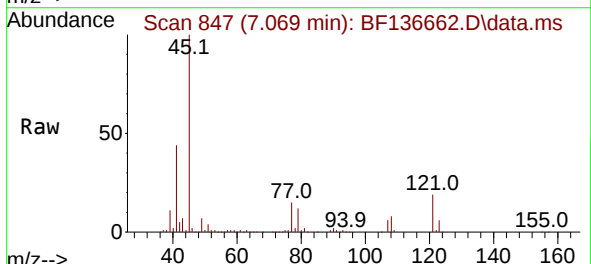
Instrument :
BNA_F
ClientSampleId :
PB157501BS

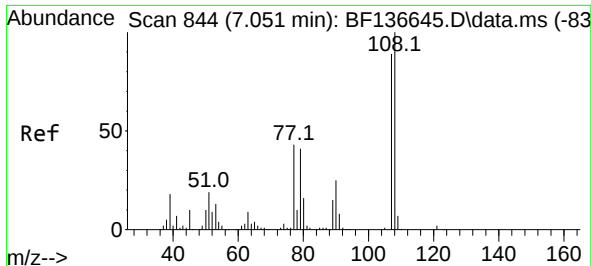
Tgt Ion: 79 Resp: 225174
Ion Ratio Lower Upper
79 100
108 75.9 61.0 91.6
77 60.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.502 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 45 Resp: 436508
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.3
79 12.2 0.0 31.4

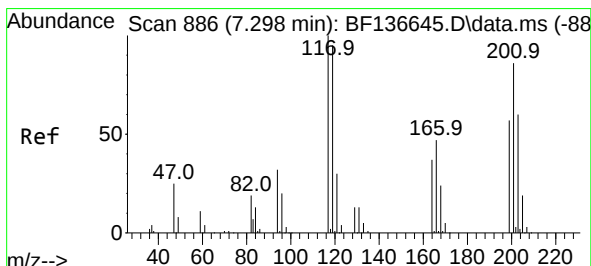
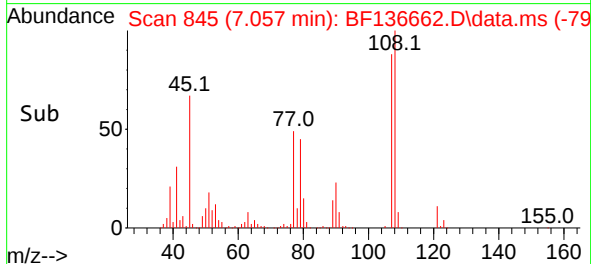
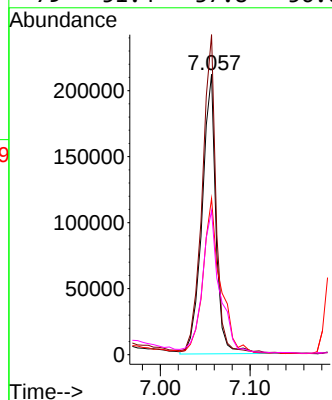
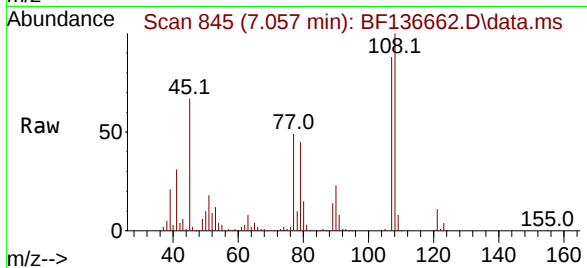




#17
2-Methylphenol
Concen: 41.237 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

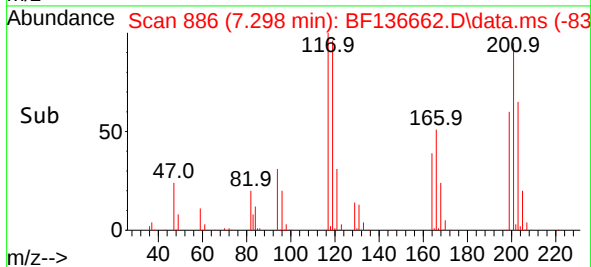
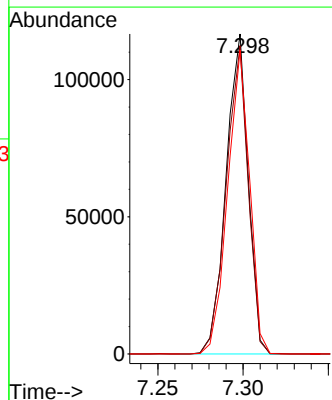
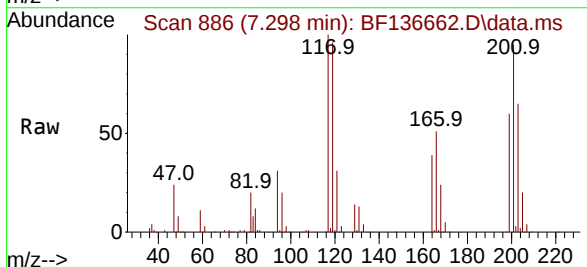
Instrument :
BNA_F
ClientSampleId :
PB157501BS

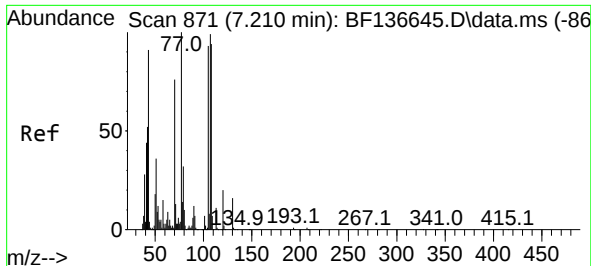
Tgt Ion:107 Resp: 228629
Ion Ratio Lower Upper
107 100
108 114.2 90.3 135.5
77 55.7 38.7 58.1
79 51.4 37.8 56.6



#18
Hexachloroethane
Concen: 38.948 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:117 Resp: 105517
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.6
201 95.0 69.1 103.7



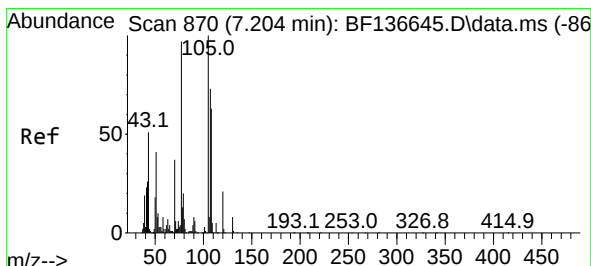
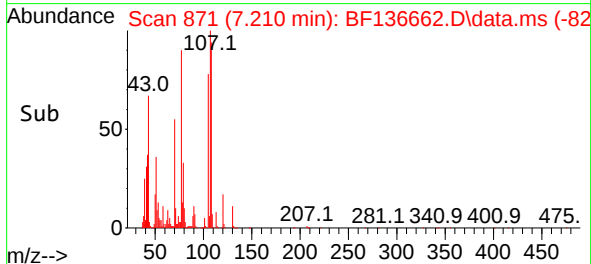
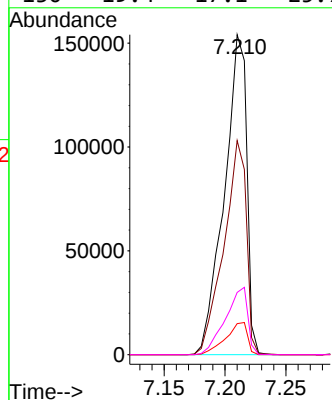
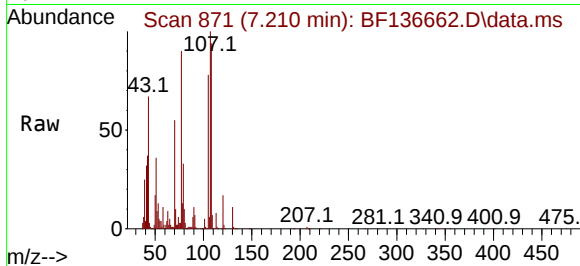


#19
n-Nitroso-di-n-propylamine
Concen: 41.013 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion: 70 Resp: 197015

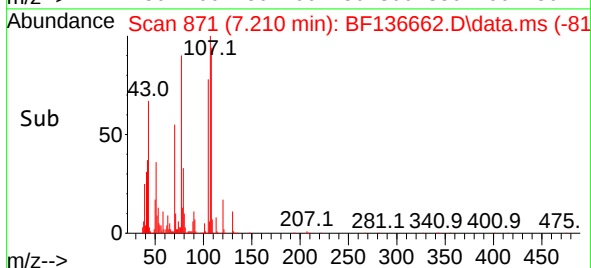
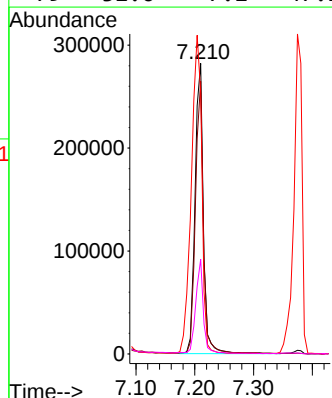
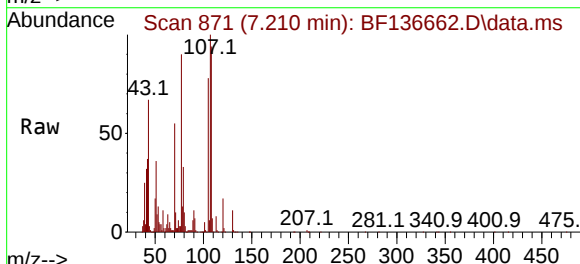
Ion	Ratio	Lower	Upper
70	100		
42	66.9	54.2	81.4
101	9.7	7.6	11.4
130	19.4	17.1	25.7

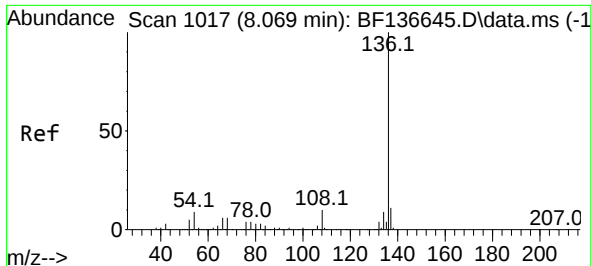


#20
3+4-Methylphenols
Concen: 39.966 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 107 Resp: 276825

Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.0	106.0
77	89.8	114.2	154.2#
79	32.6	7.2	47.2



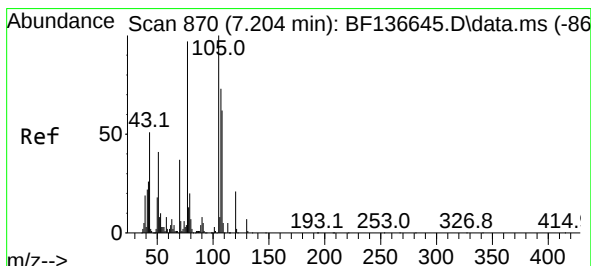
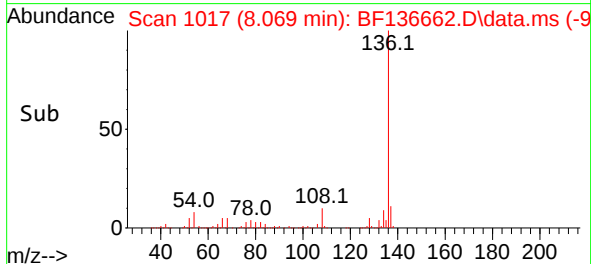
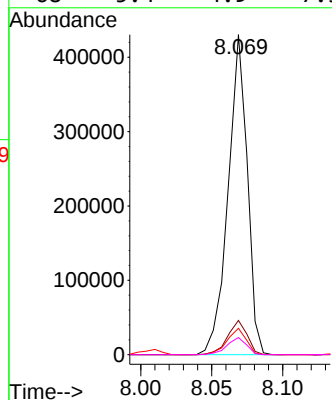
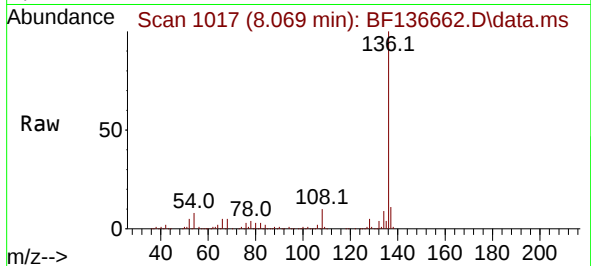


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:136 Resp: 403383

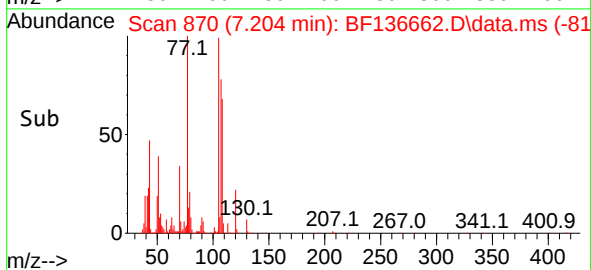
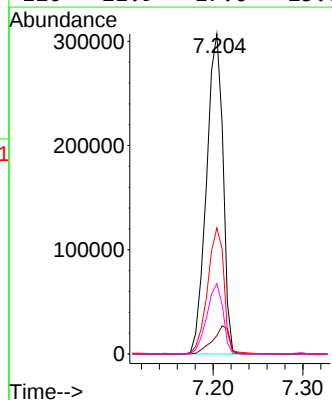
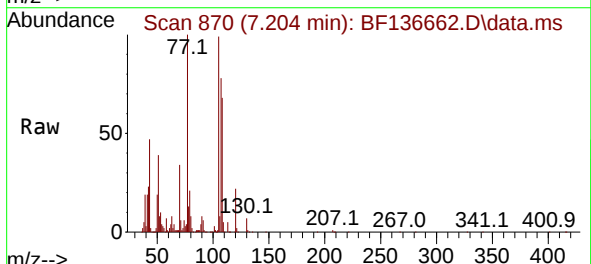
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.2	7.2	10.8
68	5.4	4.9	7.3

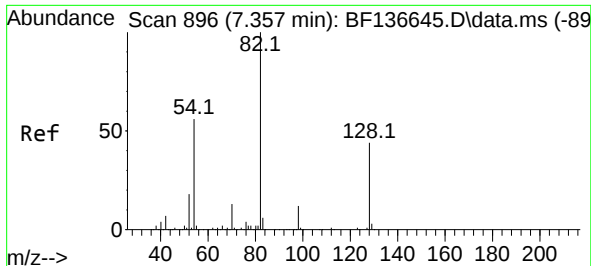


#22
Acetophenone
Concen: 38.767 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:105 Resp: 391963

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.8	7.2
51	39.4	32.8	49.2
120	21.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 74.499 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

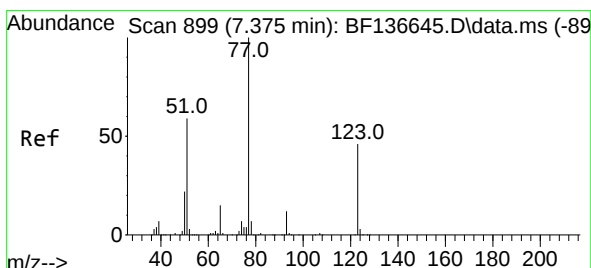
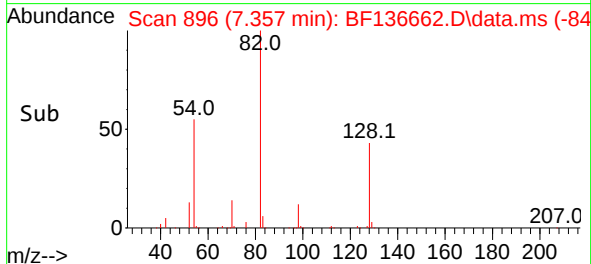
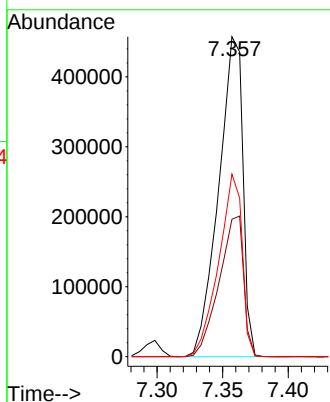
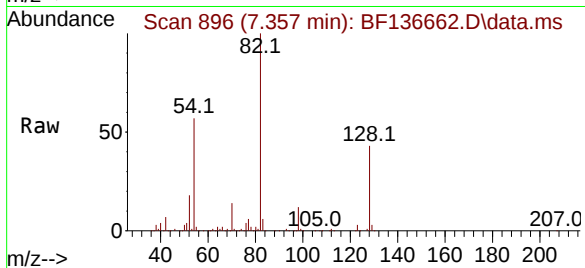
Tgt Ion: 82 Resp: 587281

Ion Ratio Lower Upper

82 100

128 42.9 35.3 52.9

54 57.0 44.5 66.7



#24

Nitrobenzene

Concen: 37.906 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

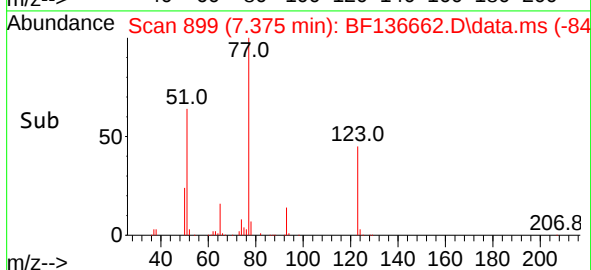
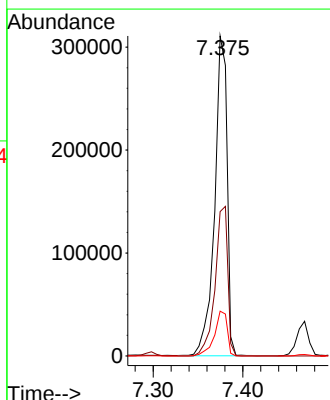
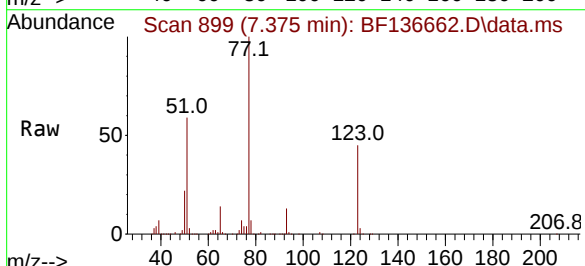
Tgt Ion: 77 Resp: 299331

Ion Ratio Lower Upper

77 100

123 45.1 36.7 55.1

65 14.0 11.8 17.6

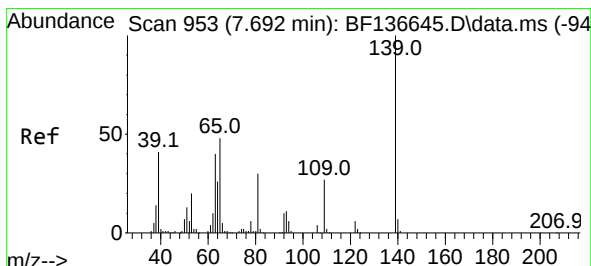
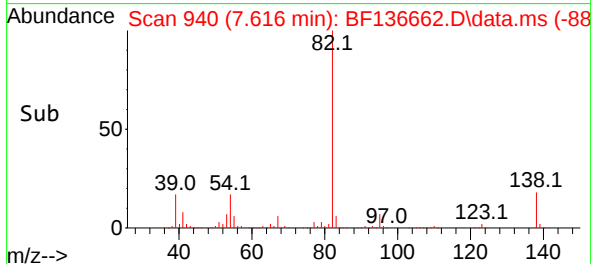
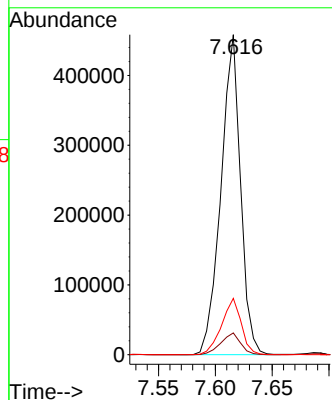
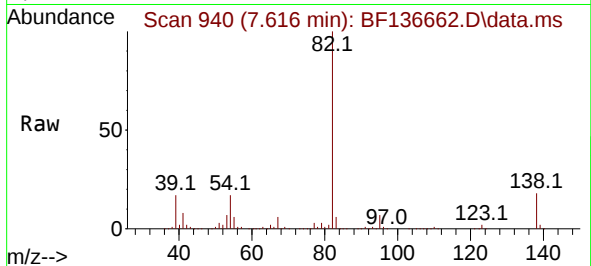




#25
Isophorone
Concen: 38.340 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

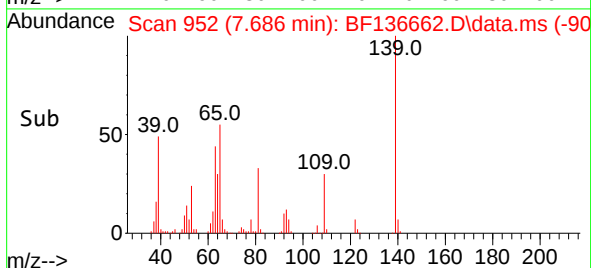
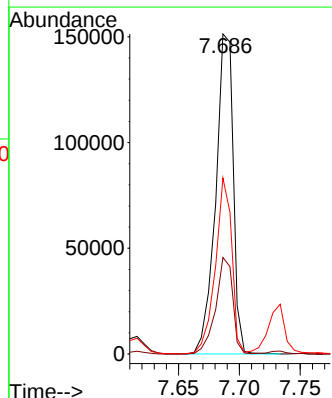
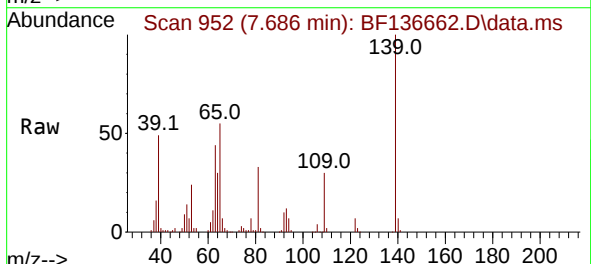
Instrument :
BNA_F
ClientSampleId :
PB157501BS

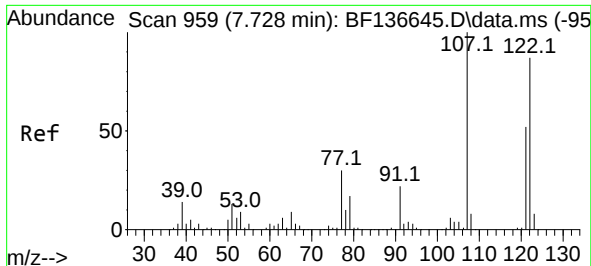
Tgt Ion: 82 Resp: 549951
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 40.455 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:139 Resp: 152846
Ion Ratio Lower Upper
139 100
109 30.2 21.9 32.9
65 55.0 38.6 58.0

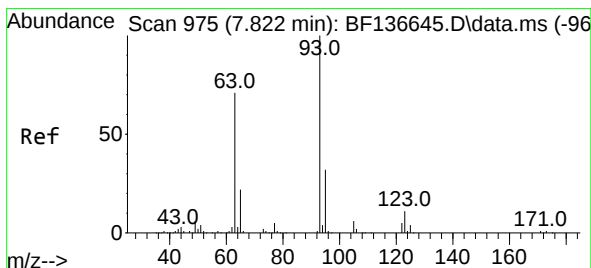
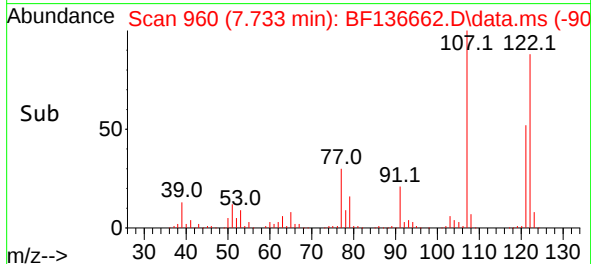
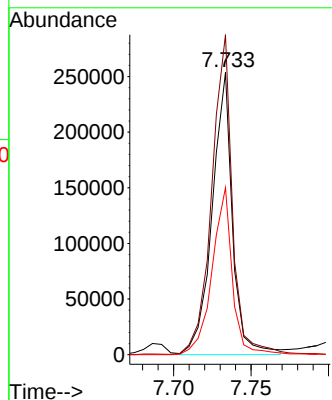
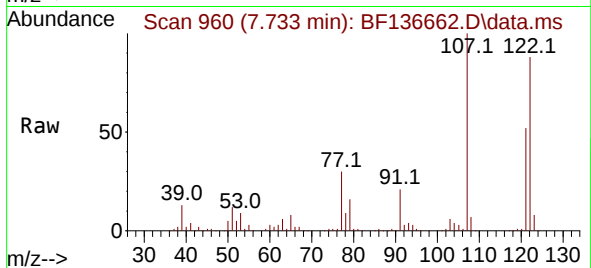




#27
2,4-Dimethylphenol
Concen: 50.175 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

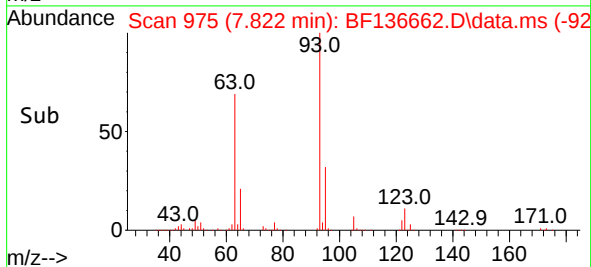
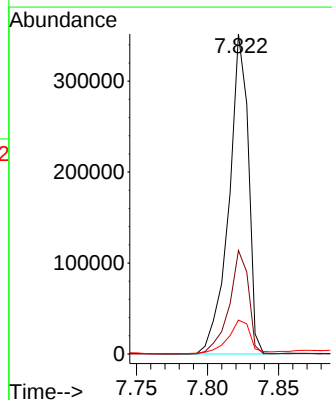
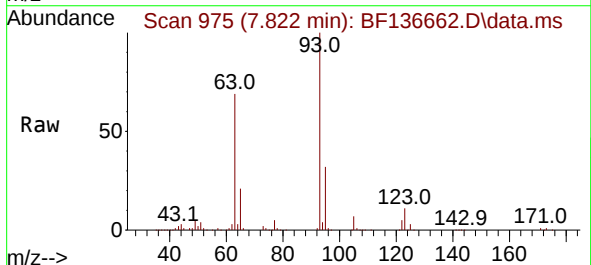
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:122 Resp: 230790
Ion Ratio Lower Upper
122 100
107 113.4 92.0 138.0
121 59.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.512 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion: 93 Resp: 335783
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 10.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.804 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136662.D

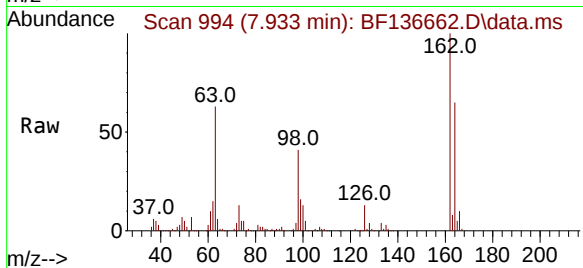
Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS



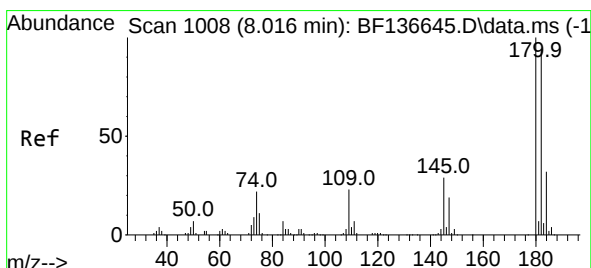
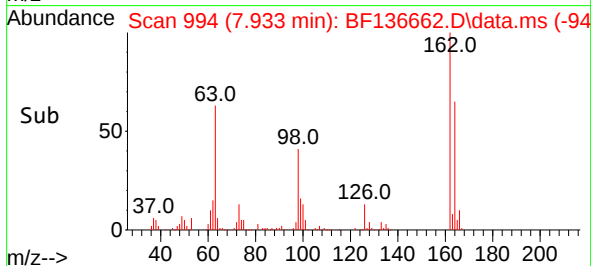
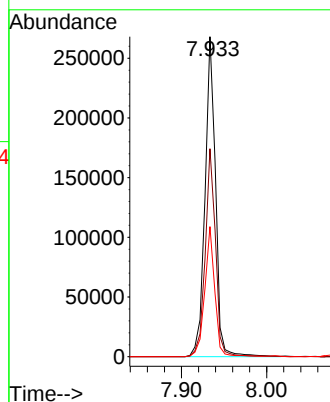
Tgt Ion:162 Resp: 229783

Ion Ratio Lower Upper

162 100

164 65.0 41.7 81.7

98 40.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.602 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

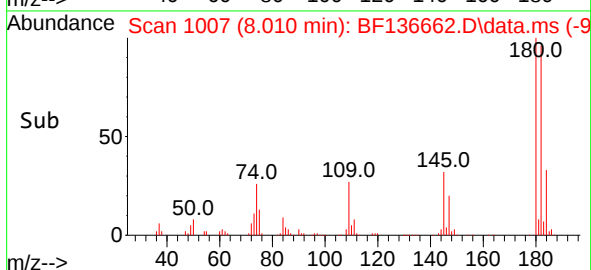
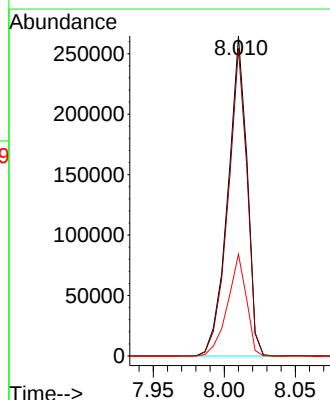
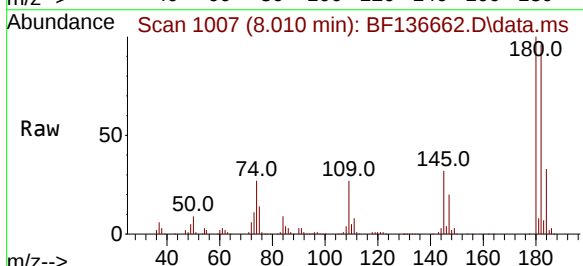
Tgt Ion:180 Resp: 248093

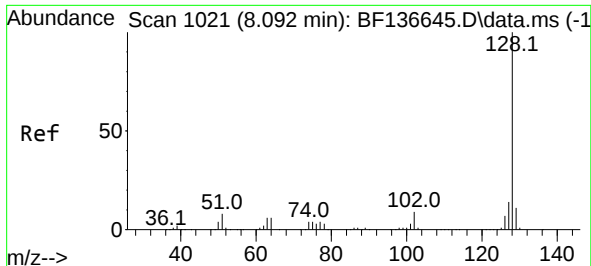
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

145 31.8 23.1 34.7

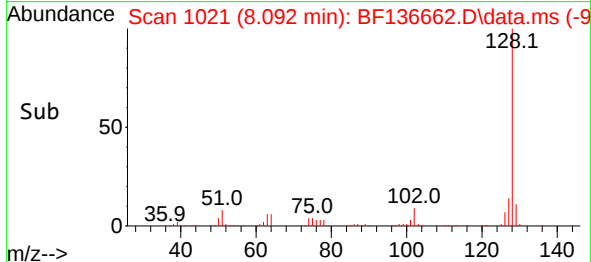
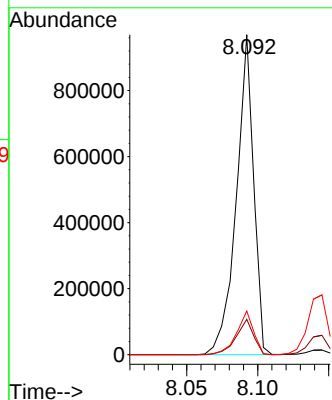
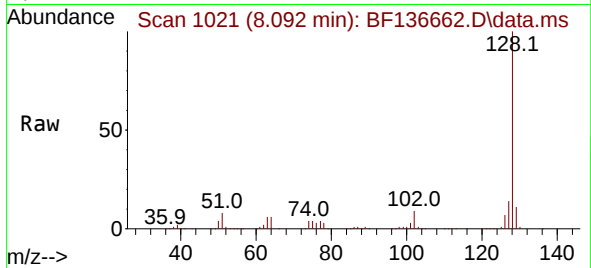




#31
Naphthalene
Concen: 37.124 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

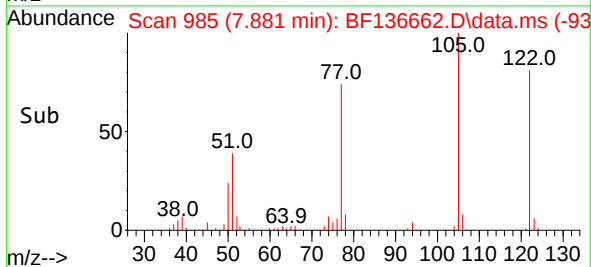
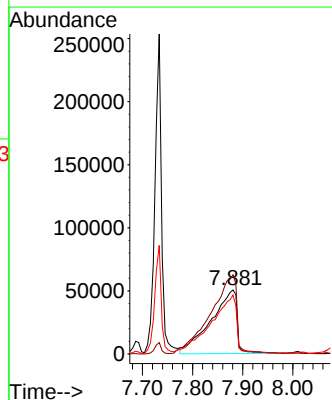
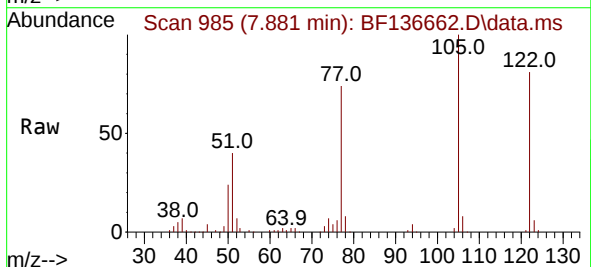
Instrument :
BNA_F
ClientSampleId :
PB157501BS

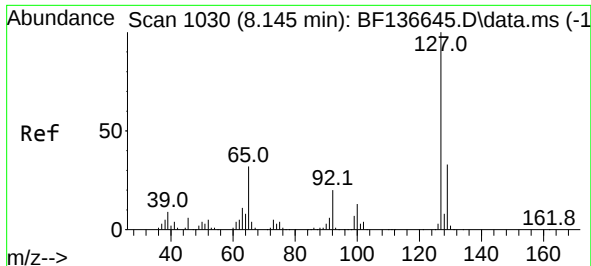
Tgt Ion:128 Resp: 822706
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 41.109 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:122 Resp: 182955
Ion Ratio Lower Upper
122 100
105 123.6 100.8 140.8
77 91.9 70.9 110.9

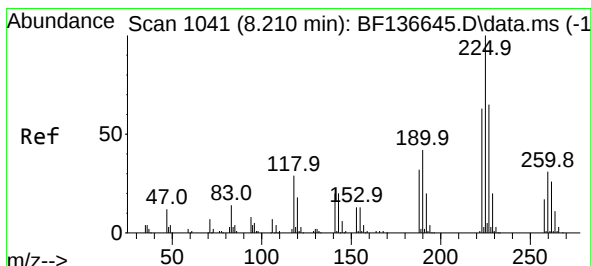
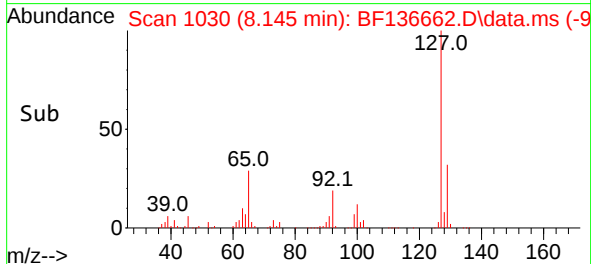
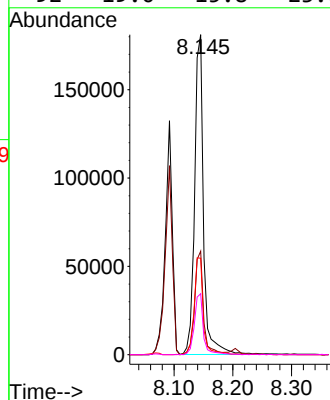
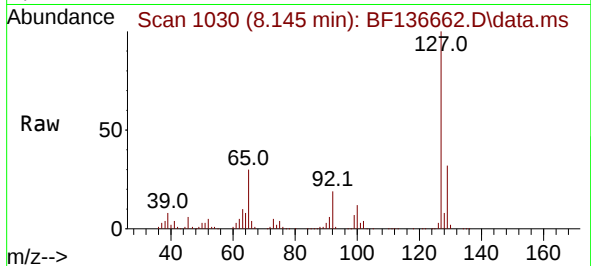




#33
4-Chloroaniline
Concen: 23.469 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

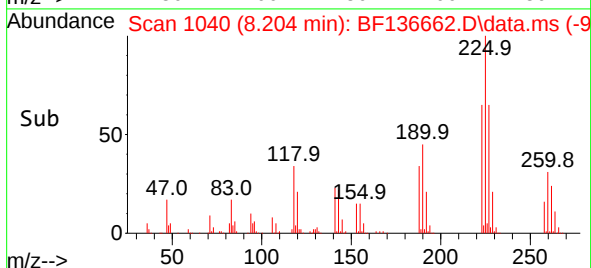
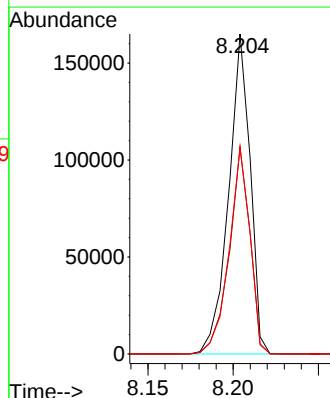
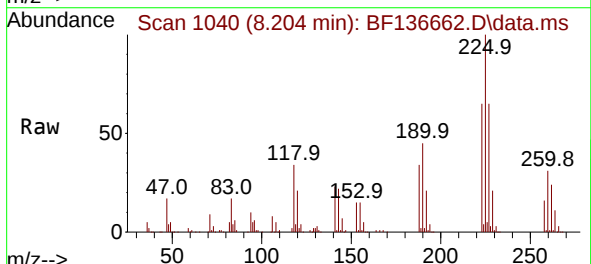
Instrument :
BNA_F
ClientSampleId :
PB157501BS

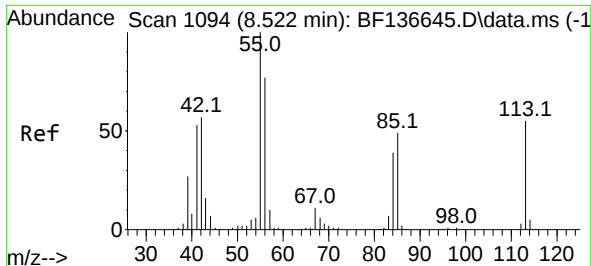
Tgt Ion:	127	Resp:	192025
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.1	25.8	38.8
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.996 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:	225	Resp:	144296
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.5	51.9	77.9

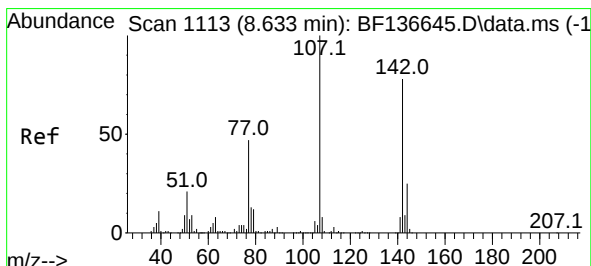
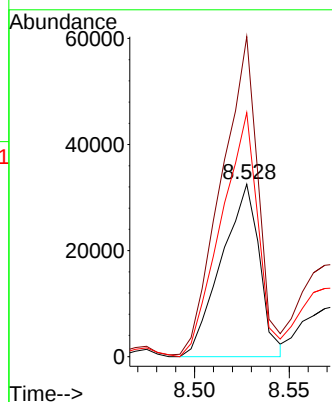
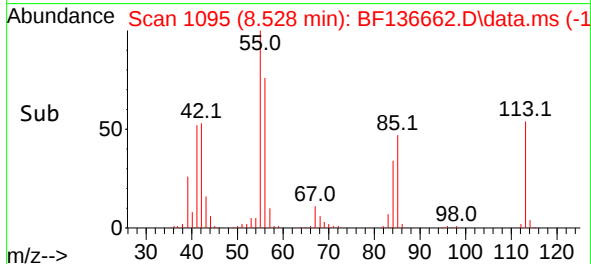
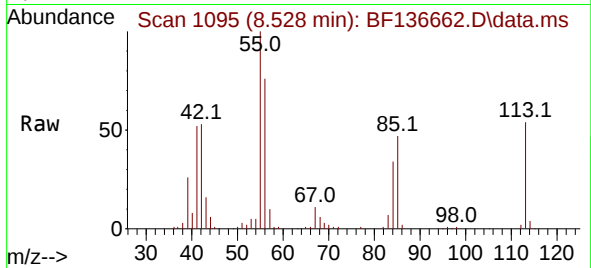




#35
 Caprolactam
 Concen: 23.318 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

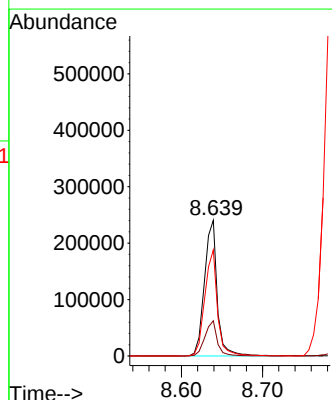
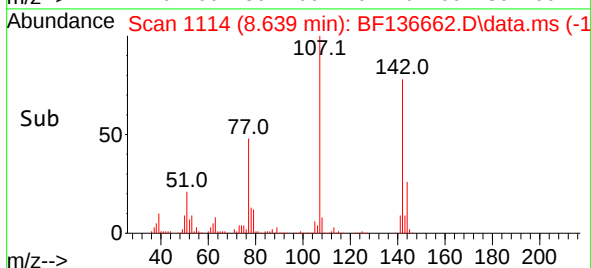
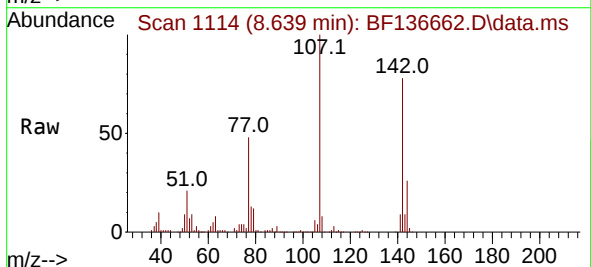
Instrument :
 BNA_F
 ClientSampleId :
 PB157501BS

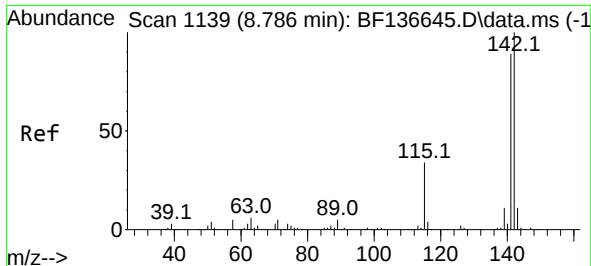
Tgt Ion:113 Resp: 45552
 Ion Ratio Lower Upper
 113 100
 55 185.6 163.1 203.1
 56 141.5 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.301 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

Tgt Ion:107 Resp: 262002
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 78.2 62.3 93.5

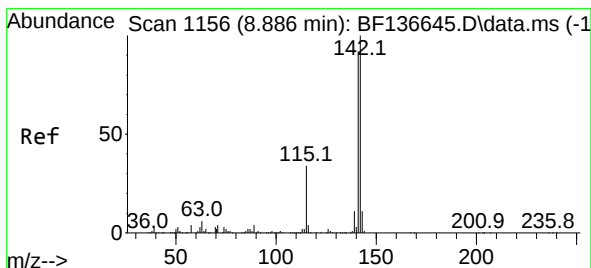
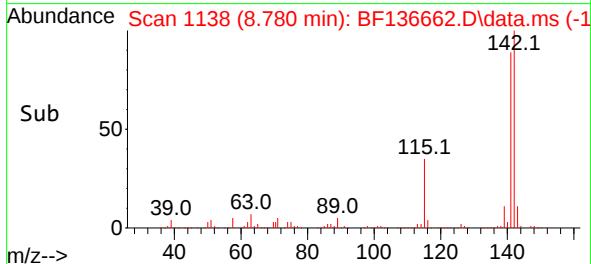
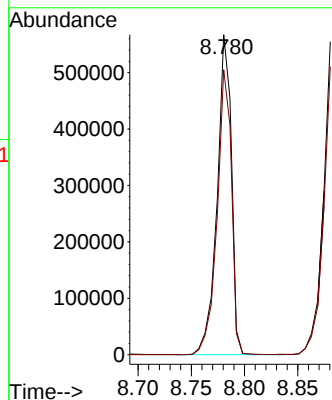
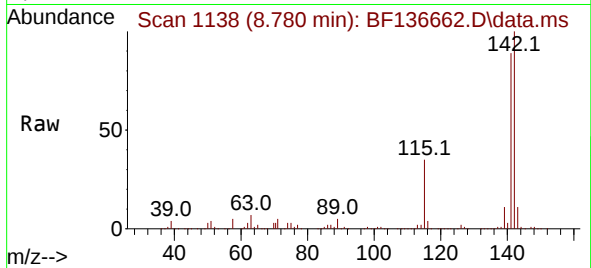




#37
2-Methylnaphthalene
Concen: 37.153 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

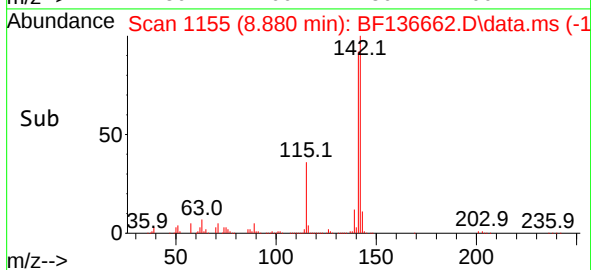
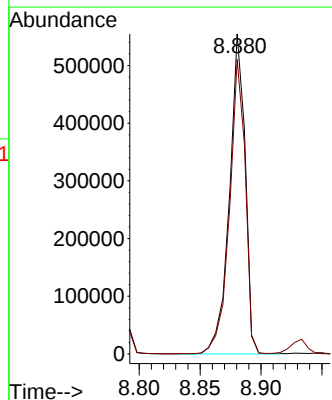
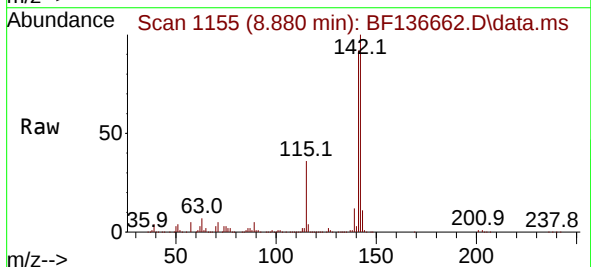
Instrument :
BNA_F
ClientSampleId :
PB157501BS

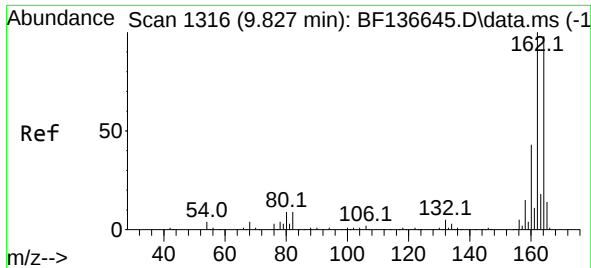
Tgt Ion:142 Resp: 529883
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 35.746 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

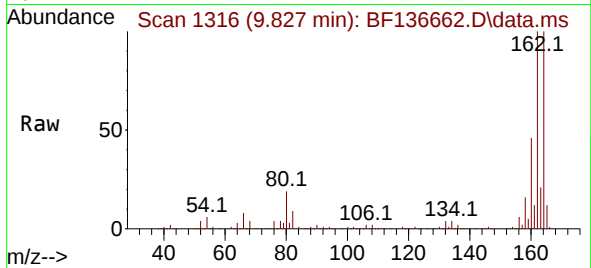
Tgt Ion:142 Resp: 500164
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4



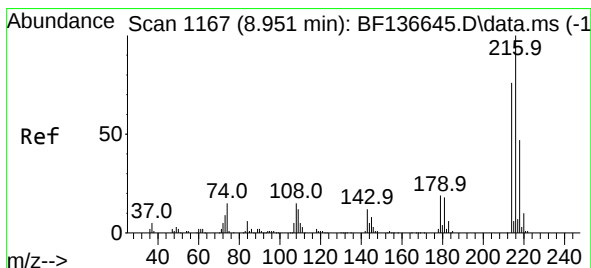
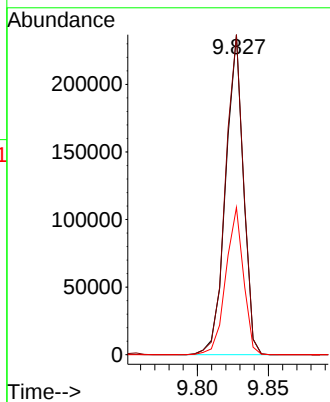
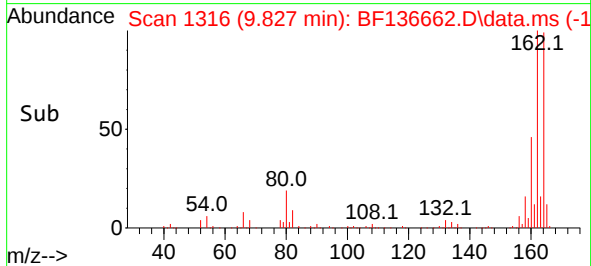


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

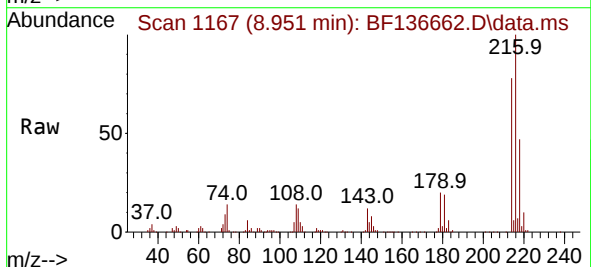
Instrument :
BNA_F
ClientSampleId :
PB157501BS



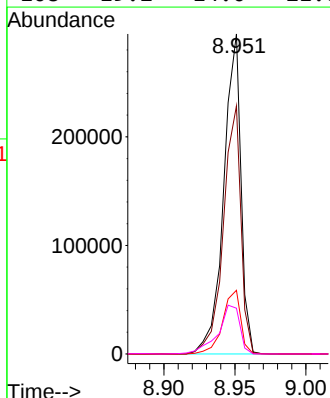
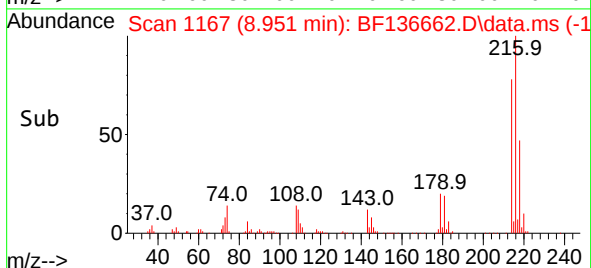
Tgt Ion:164 Resp: 205829
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 46.0 34.9 52.3

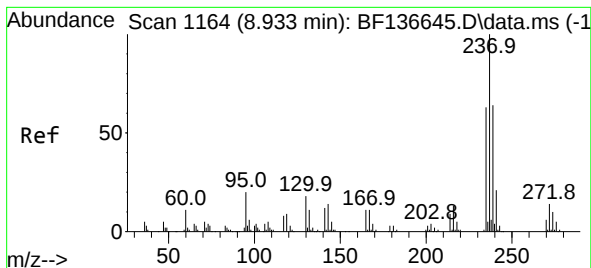


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.988 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31



Tgt Ion:216 Resp: 248525
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 20.8 16.4 24.6
108 19.2 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 93.375 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

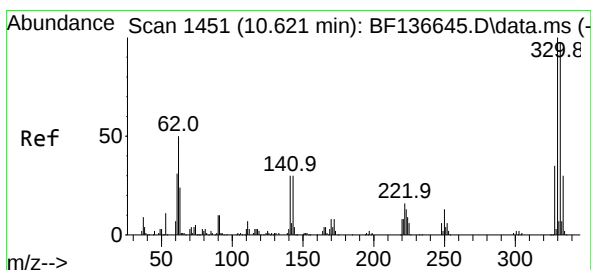
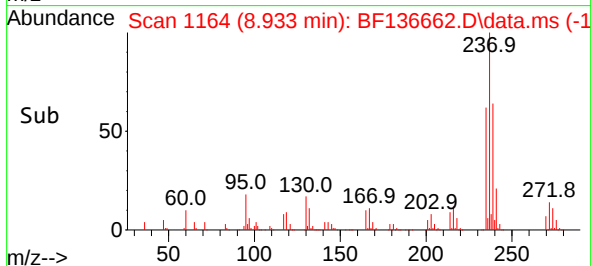
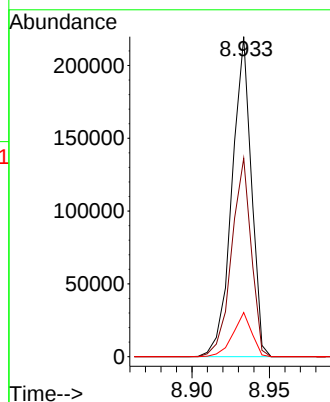
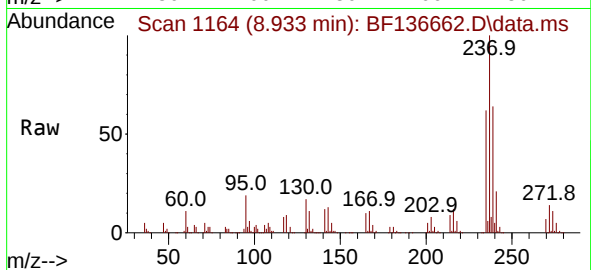
Tgt Ion:237 Resp: 191552

Ion Ratio Lower Upper

237 100

235 62.0 43.2 83.2

272 13.8 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 113.853 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

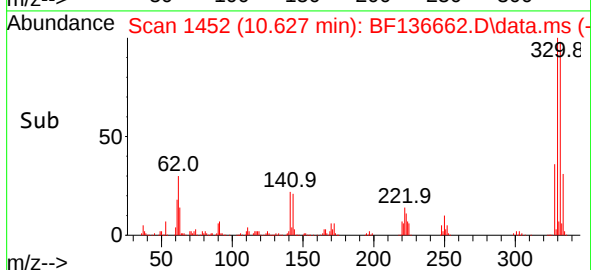
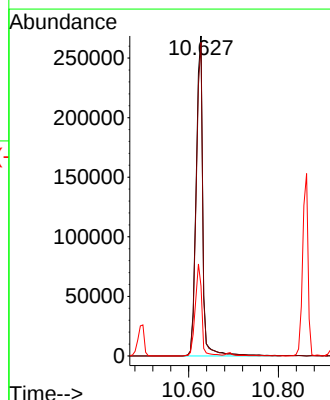
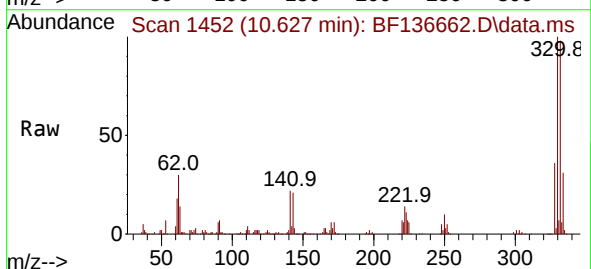
Tgt Ion:330 Resp: 275990

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.2 23.4 35.2

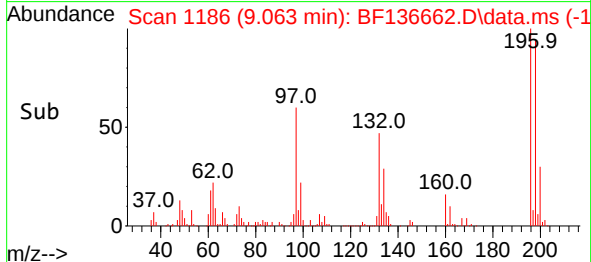
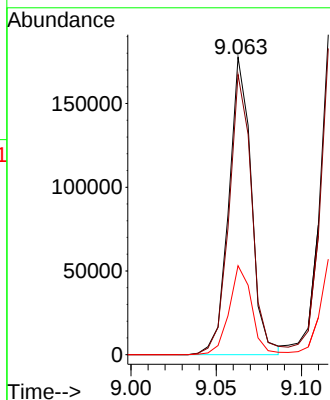
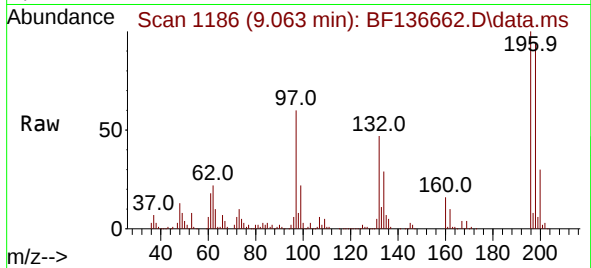




#43
2,4,6-Trichlorophenol
Concen: 39.883 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

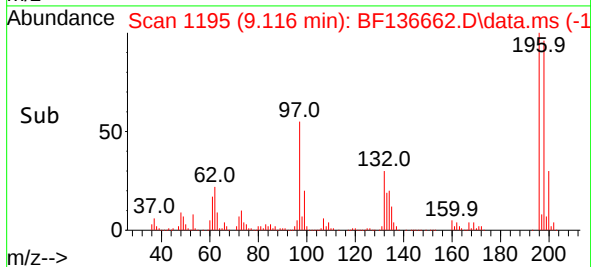
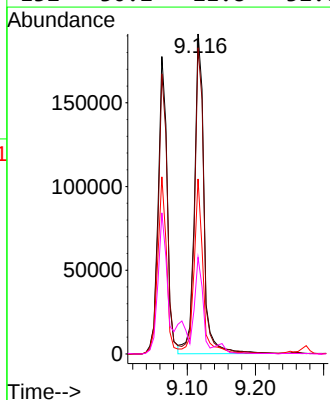
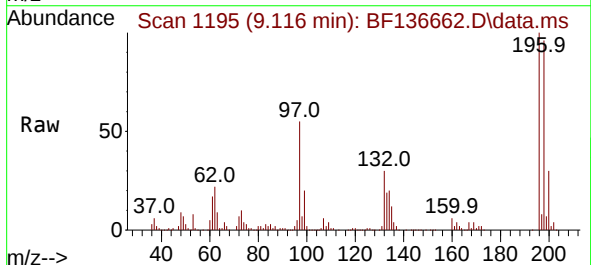
Instrument :
BNA_F
ClientSampleId :
PB157501BS

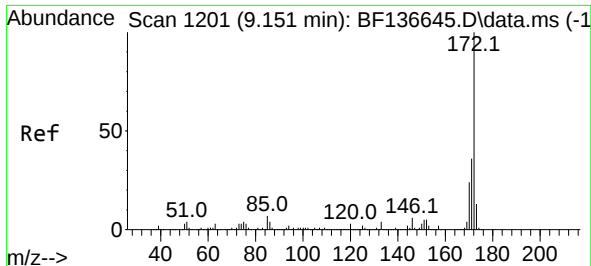
Tgt Ion:196 Resp: 163044
Ion Ratio Lower Upper
196 100
198 94.2 75.1 112.7
200 29.9 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.765 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:196 Resp: 185707
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 54.7 36.1 54.1#
132 30.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 70.894 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

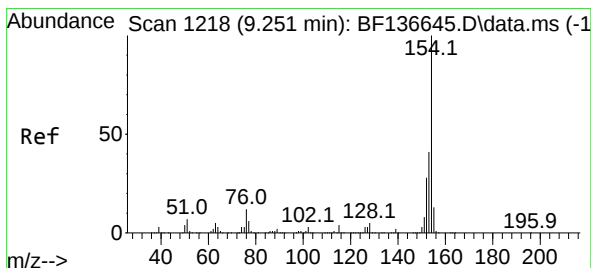
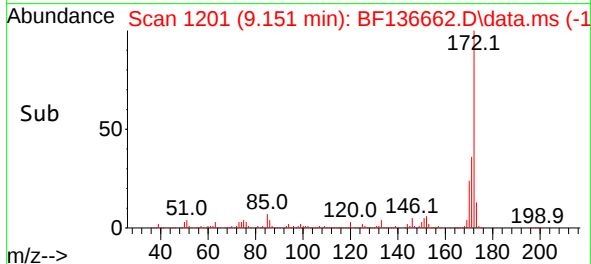
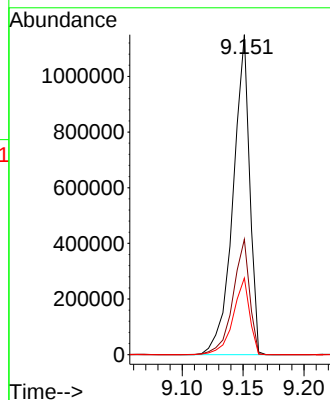
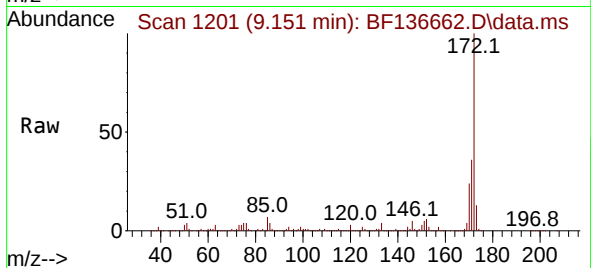
Tgt Ion:172 Resp: 1084925

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.423 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

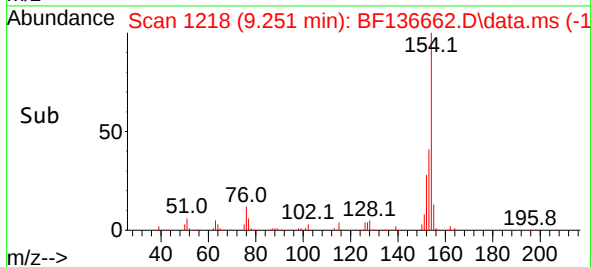
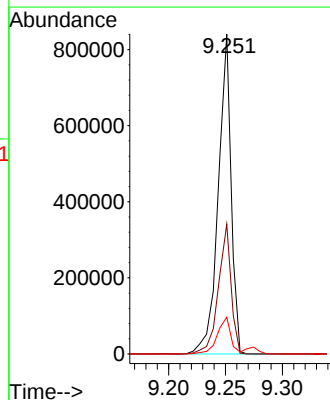
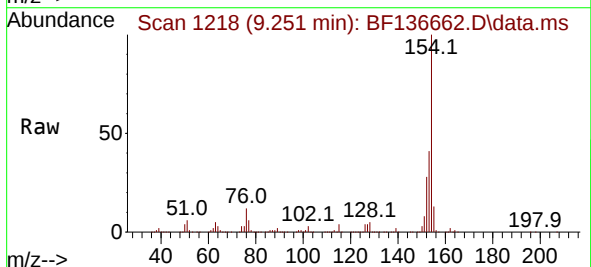
Tgt Ion:154 Resp: 663653

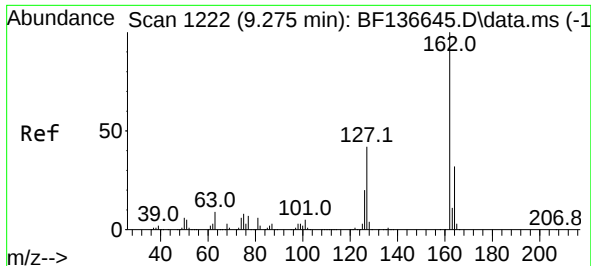
Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

76 11.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.100 ng

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

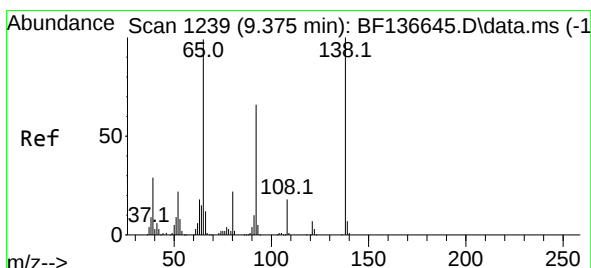
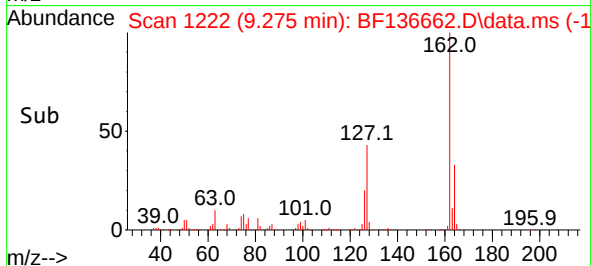
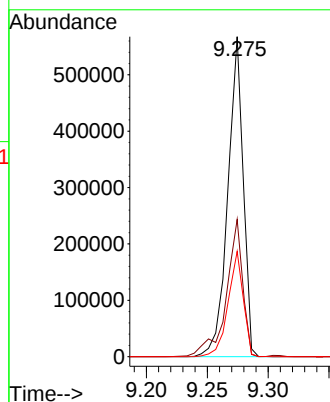
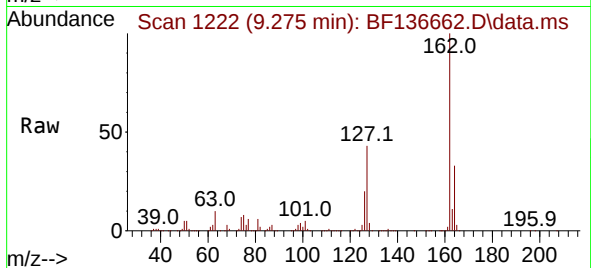
Tgt Ion:162 Resp: 500270

Ion Ratio Lower Upper

162 100

127 42.9 33.6 50.4

164 32.9 25.7 38.5



#48

2-Nitroaniline

Concen: 41.309 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

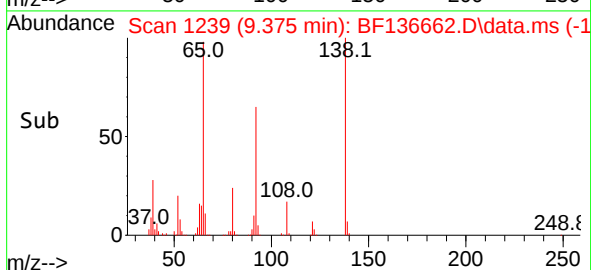
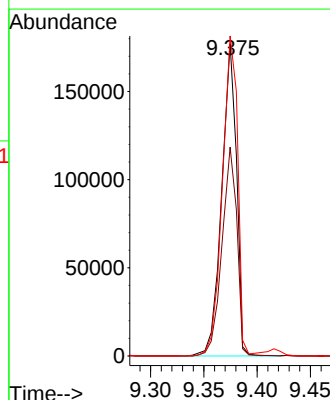
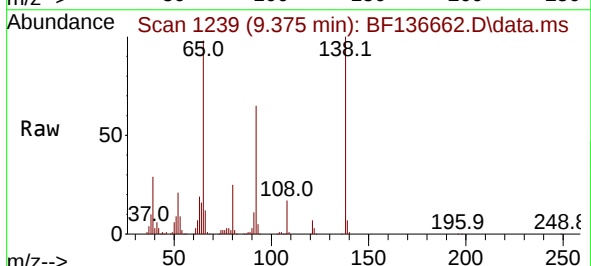
Tgt Ion: 65 Resp: 169857

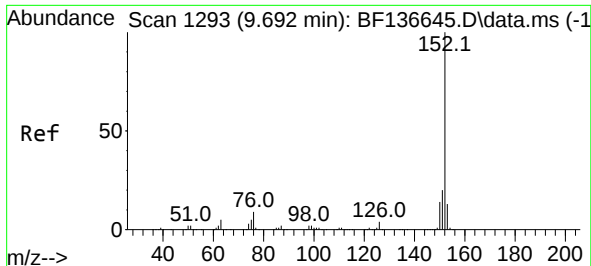
Ion Ratio Lower Upper

65 100

92 66.8 53.2 79.8

138 102.4 81.1 121.7

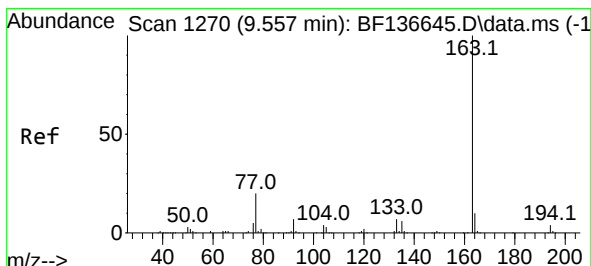
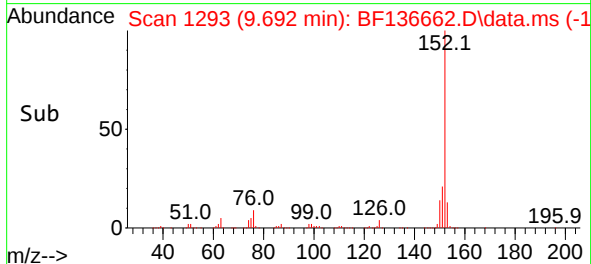
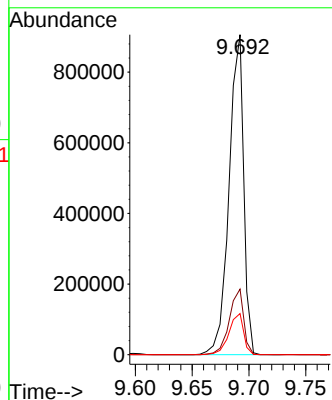
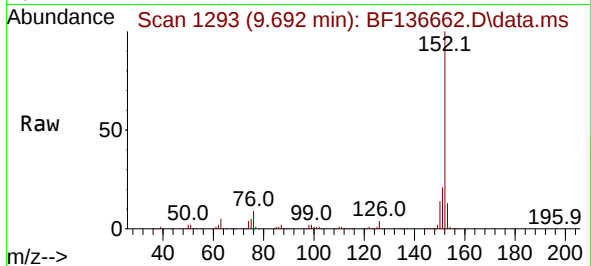




#49
Acenaphthylene
Concen: 40.468 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

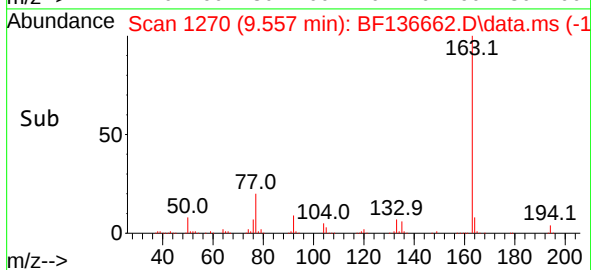
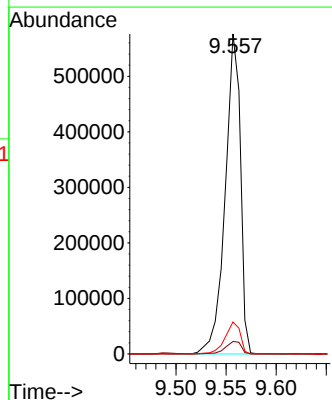
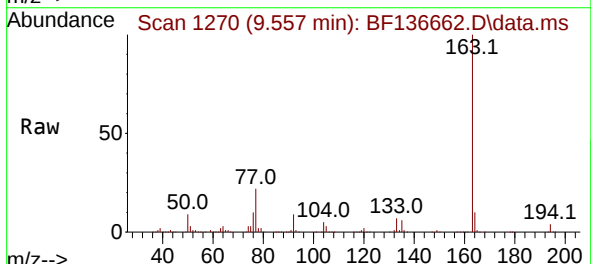
Instrument :
BNA_F
ClientSampleId :
PB157501BS

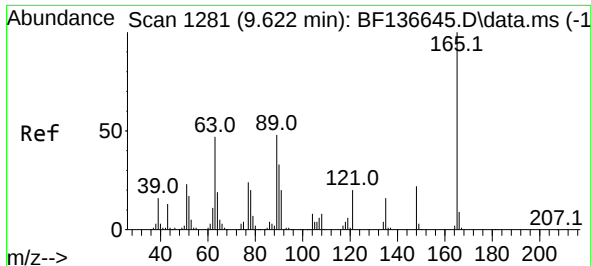
Tgt Ion:152 Resp: 812188
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 40.433 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:163 Resp: 607882
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6

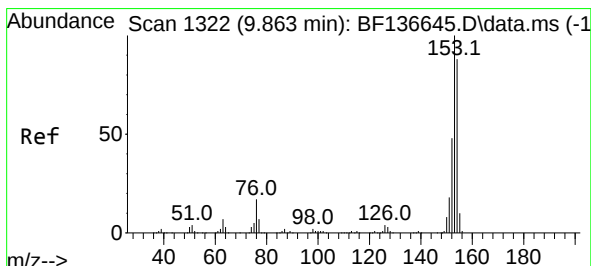
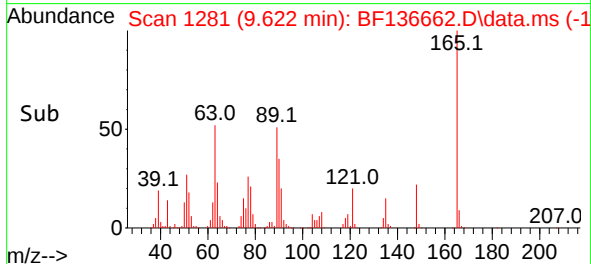
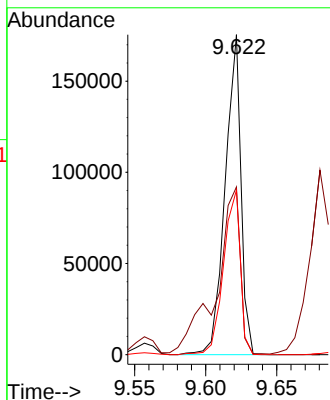
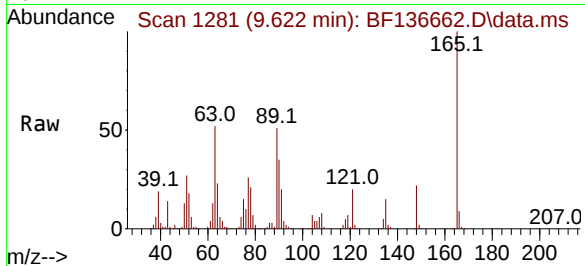




#51
2,6-Dinitrotoluene
Concen: 39.749 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

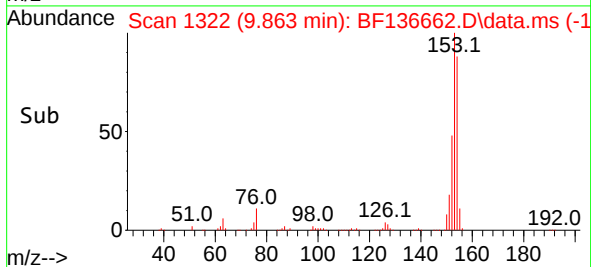
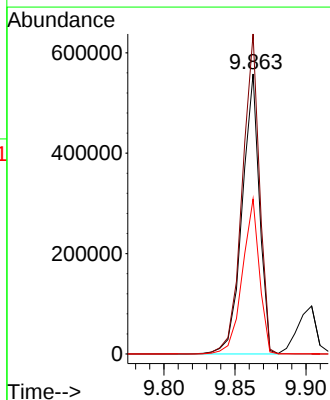
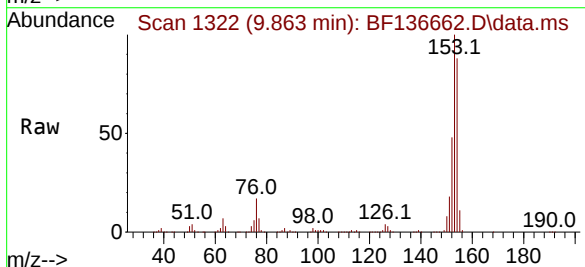
Instrument :
BNA_F
ClientSampleId :
PB157501BS

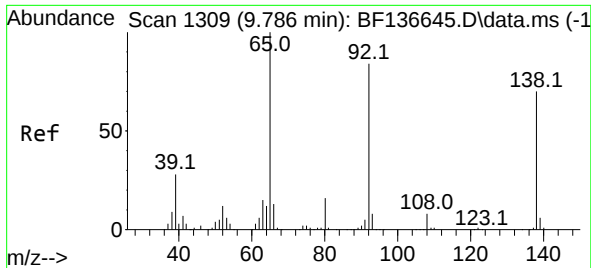
Tgt Ion:165 Resp: 135624
Ion Ratio Lower Upper
165 100
63 52.4 39.8 59.6
89 51.4 38.8 58.2



#52
Acenaphthene
Concen: 37.937 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:154 Resp: 471969
Ion Ratio Lower Upper
154 100
153 114.3 90.7 136.1
152 55.4 43.7 65.5

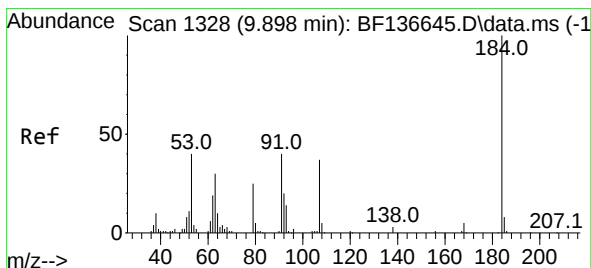
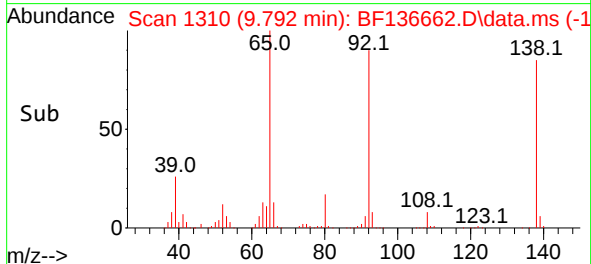
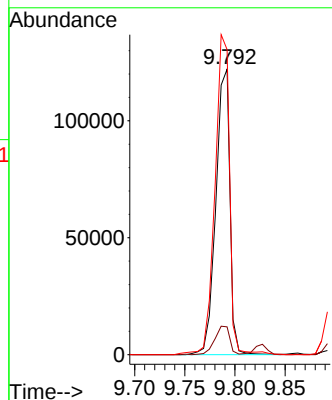
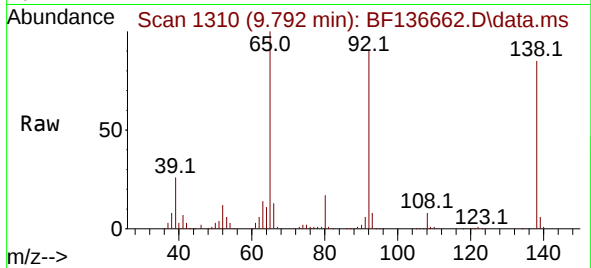




#53
3-Nitroaniline
Concen: 32.874 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

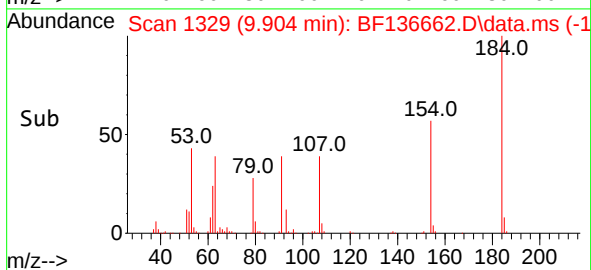
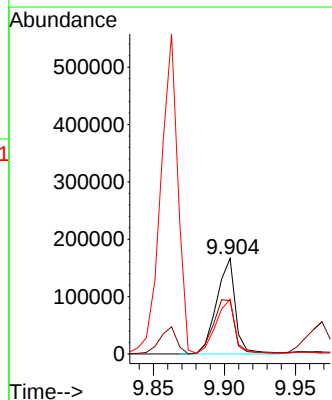
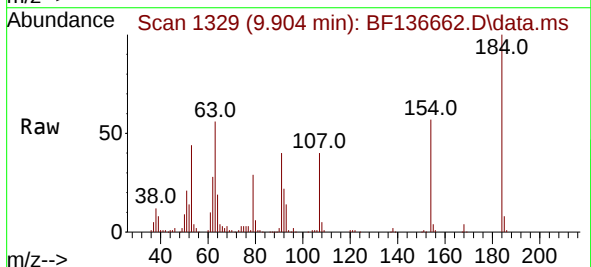
Instrument :
BNA_F
ClientSampleId :
PB157501BS

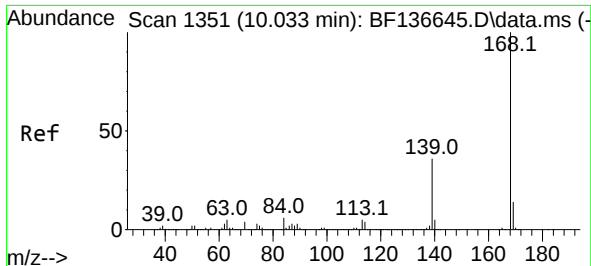
Tgt Ion:138 Resp: 118821
Ion Ratio Lower Upper
138 100
108 9.8 8.6 12.8
92 106.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 81.232 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:184 Resp: 153727
Ion Ratio Lower Upper
184 100
63 56.0 40.9 61.3
154 57.3 42.7 64.1

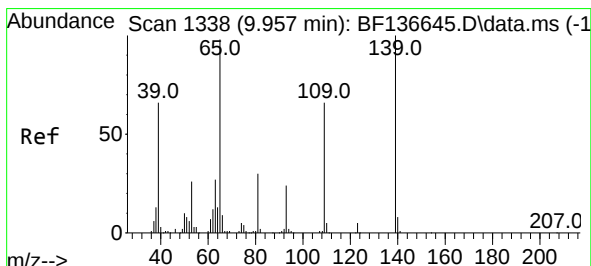
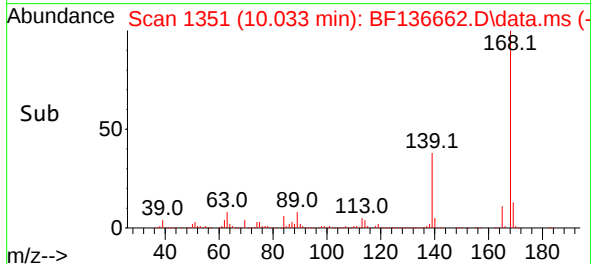
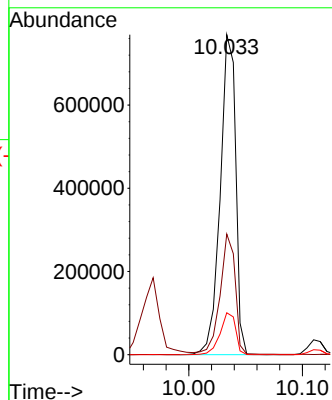
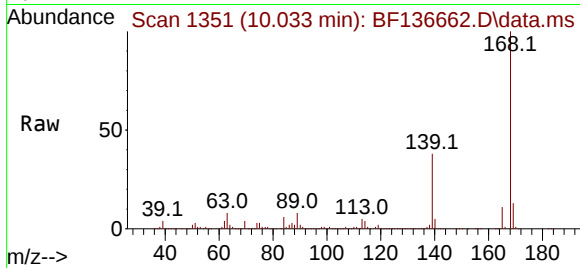




#55
Dibenzofuran
Concen: 38.743 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

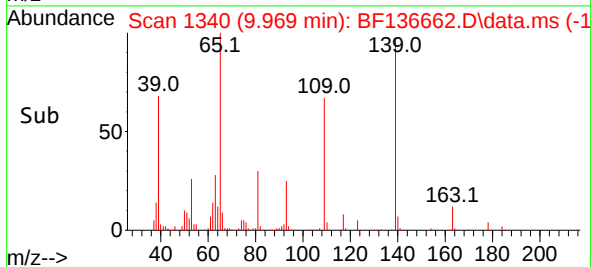
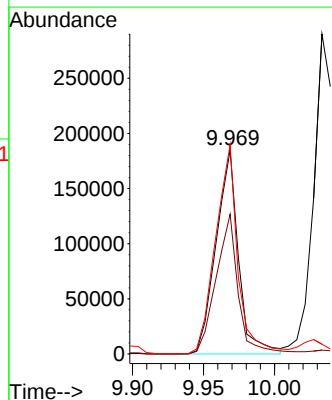
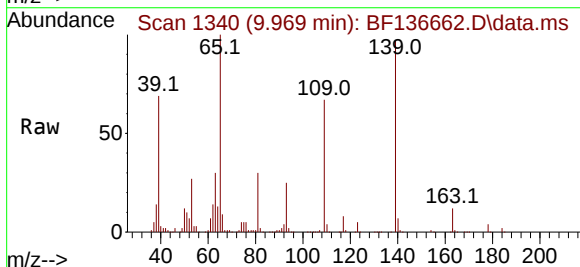
Instrument :
BNA_F
ClientSampleId :
PB157501BS

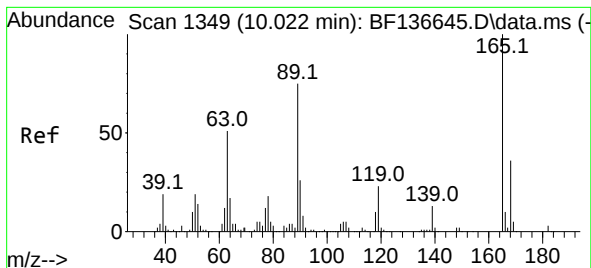
Tgt Ion:168 Resp: 730651
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 83.141 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:139 Resp: 202859
Ion Ratio Lower Upper
139 100
109 68.6 45.8 85.8
65 102.7 77.8 117.8

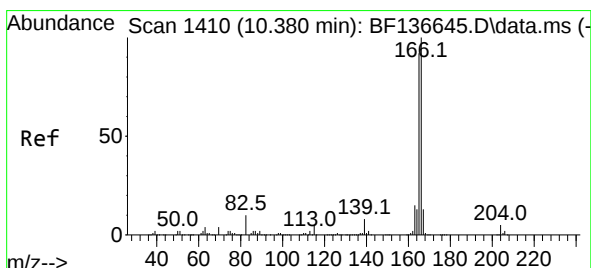
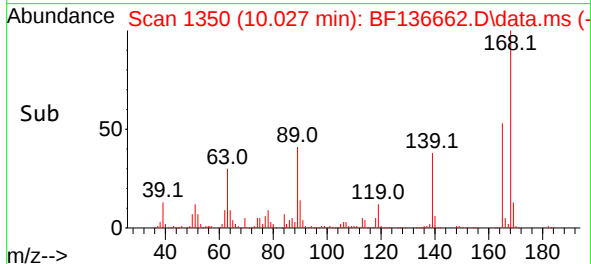
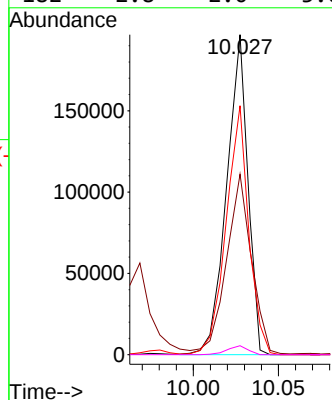
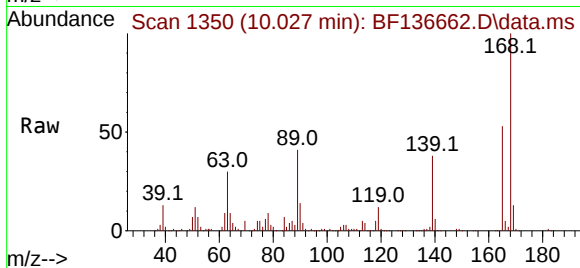




#57
2,4-Dinitrotoluene
Concen: 38.579 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

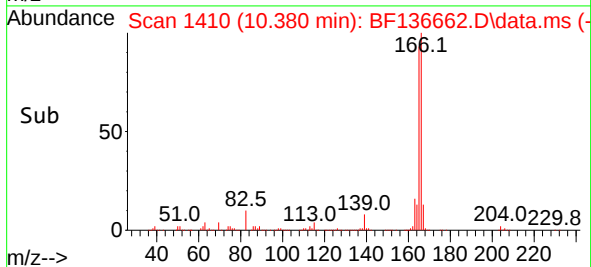
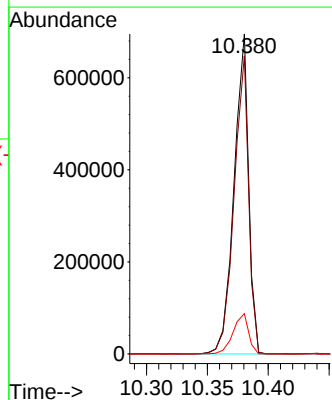
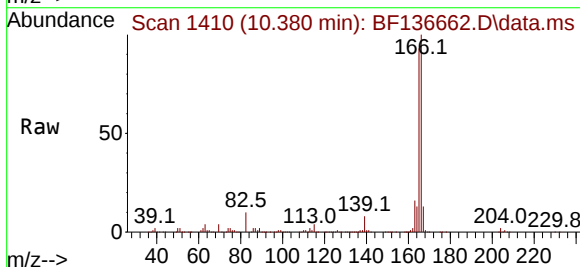
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:165 Resp: 170886
Ion Ratio Lower Upper
165 100
63 56.4 41.0 61.6
89 77.8 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 38.675 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:166 Resp: 578717
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 12.6 10.4 15.6

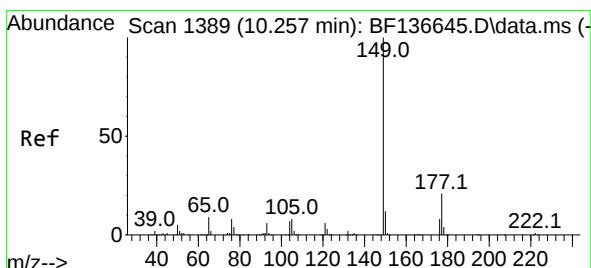
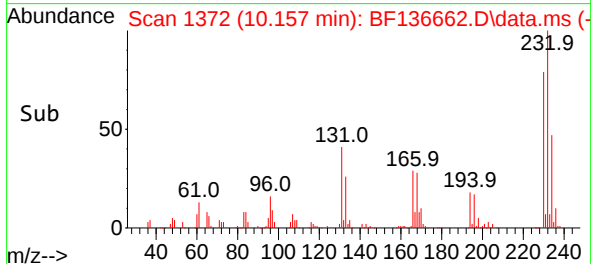
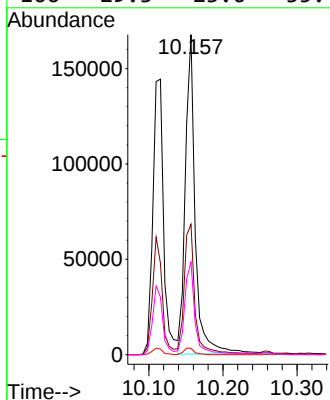
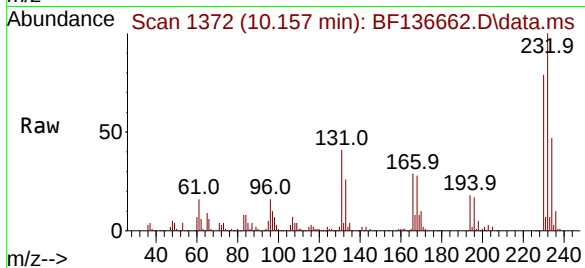




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.520 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

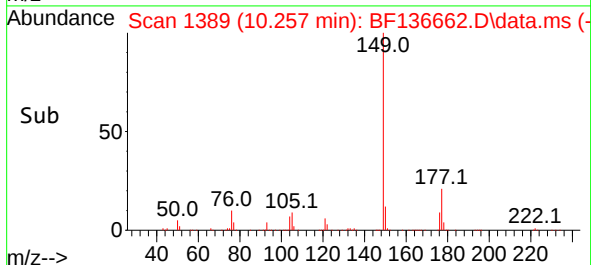
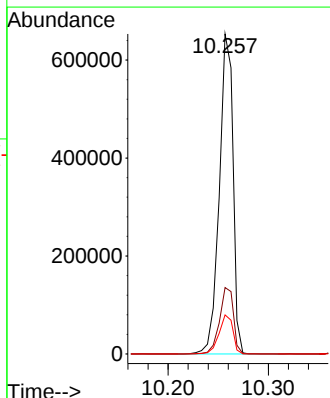
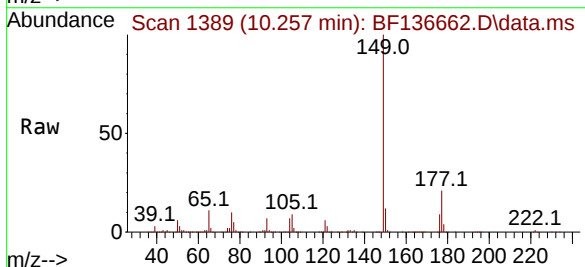
Instrument :
BNA_F
ClientSampleId :
PB157501BS

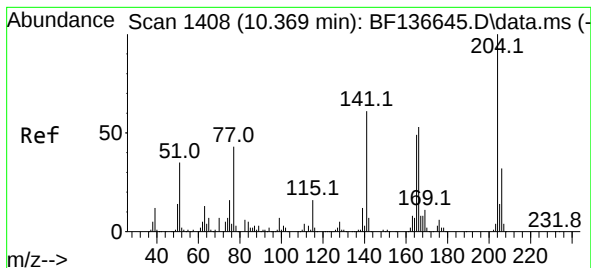
Tgt Ion:232 Resp: 156120
Ion Ratio Lower Upper
232 100
131 45.0 35.1 52.7
130 2.2 1.6 2.4
166 29.3 23.6 35.4



#60
Diethylphthalate
Concen: 39.653 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:149 Resp: 618552
Ion Ratio Lower Upper
149 100
177 20.7 16.9 25.3
150 12.2 9.3 13.9

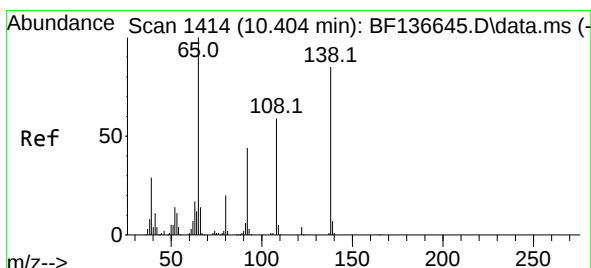
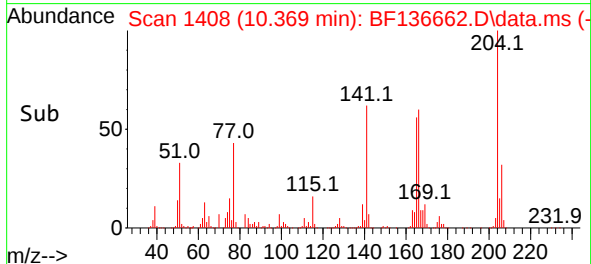
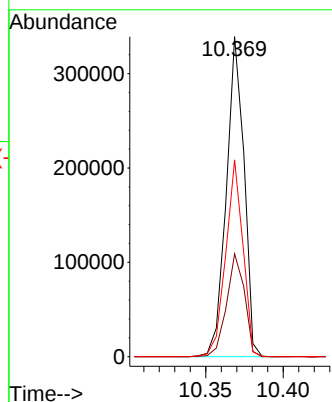
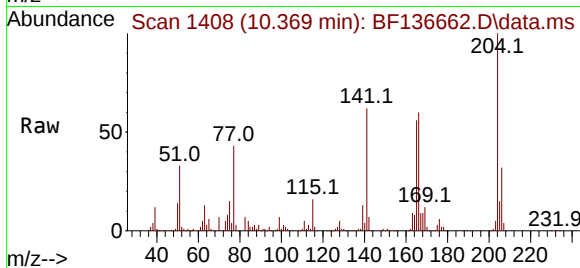




#61
4-Chlorophenyl-phenylether
Concen: 37.015 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

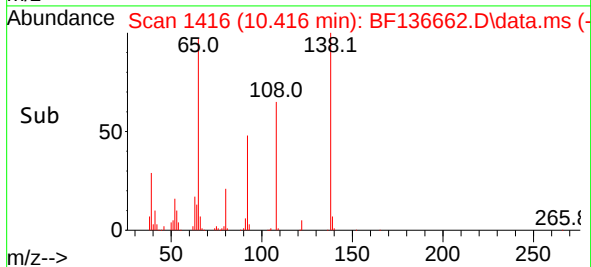
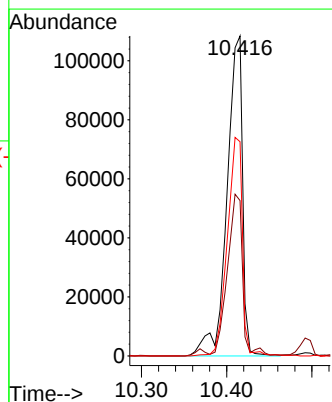
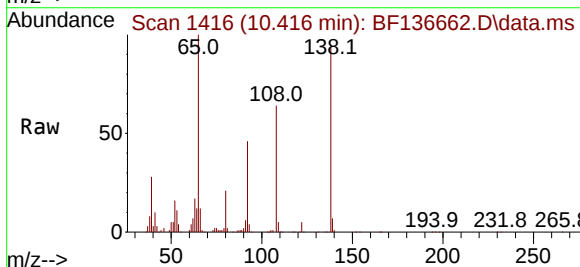
Instrument :
BNA_F
ClientSampleId :
PB157501BS

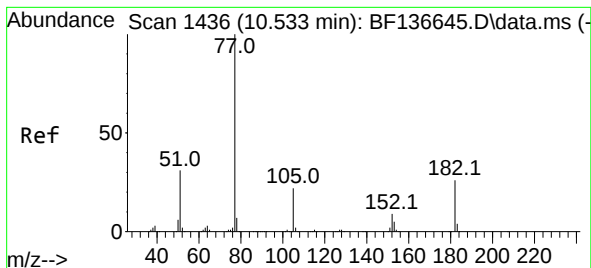
Tgt Ion:204 Resp: 269221
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 61.5 48.4 72.6



#62
4-Nitroaniline
Concen: 39.734 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:138 Resp: 138447
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 66.9 50.1 90.1





#63

Azobenzene

Concen: 39.548 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

Tgt Ion: 77 Resp: 576190

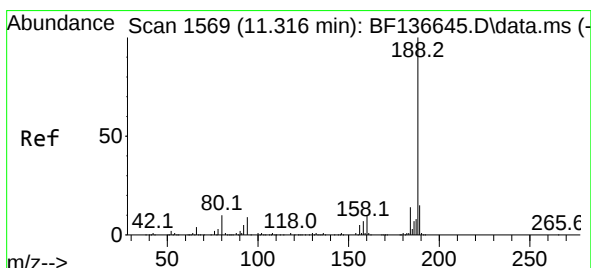
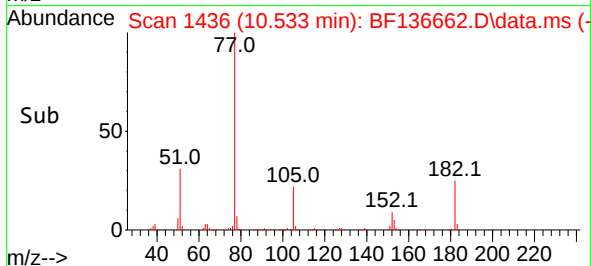
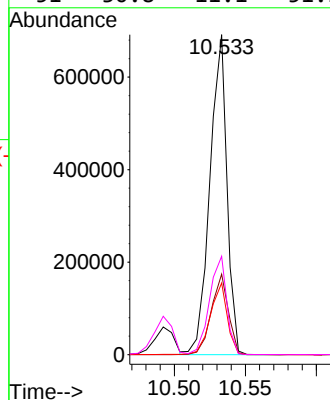
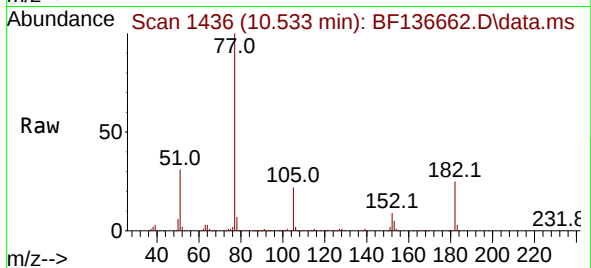
Ion Ratio Lower Upper

77 100

182 25.1 6.0 46.0

105 22.4 2.3 42.3

51 30.8 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

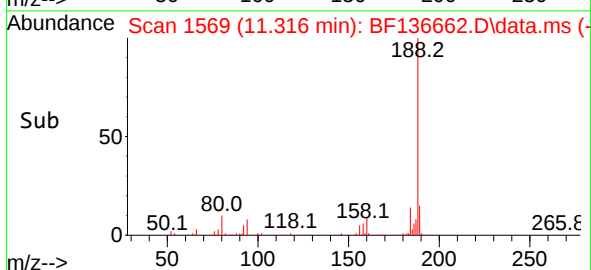
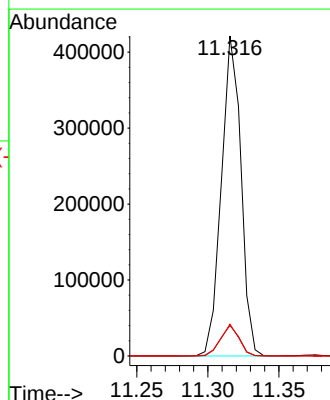
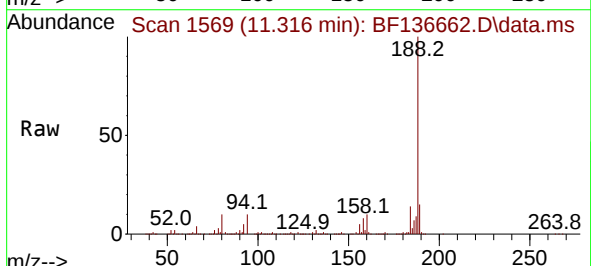
Tgt Ion: 188 Resp: 402779

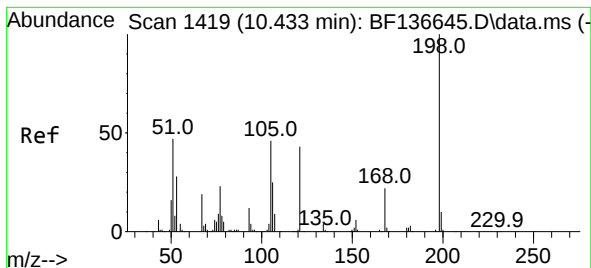
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.0 8.1 12.1

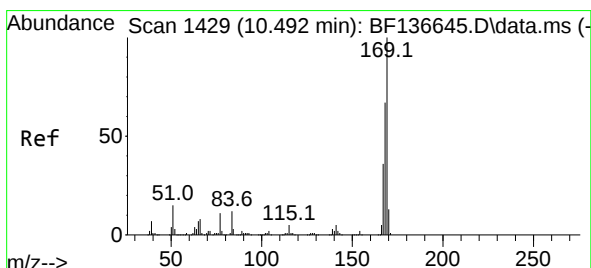
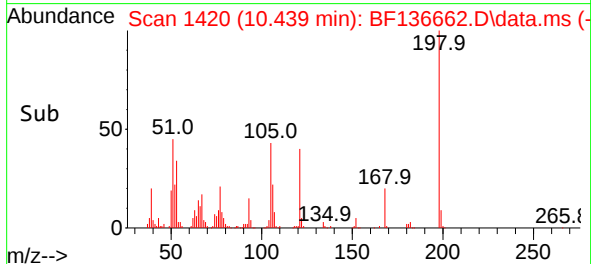
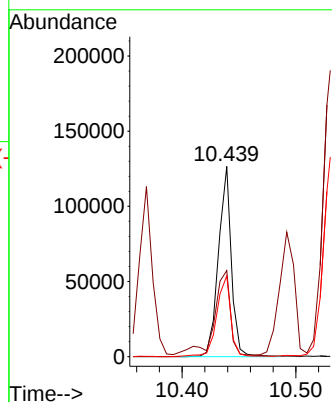
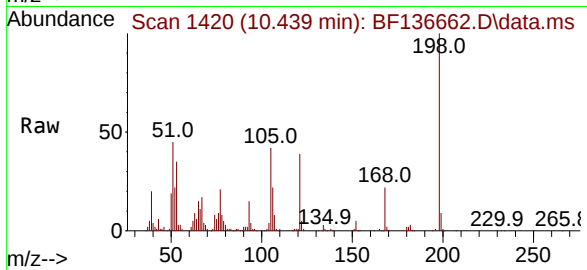




#65
4,6-Dinitro-2-methylphenol
Concen: 43.467 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

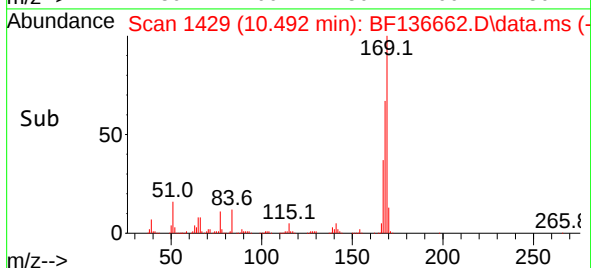
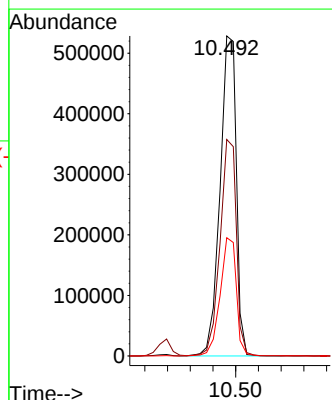
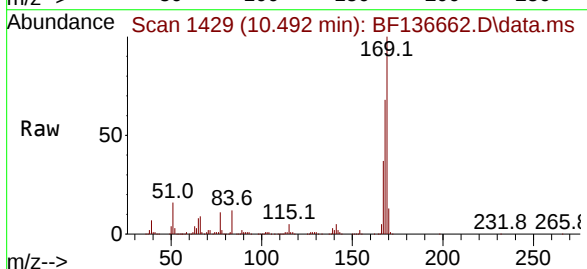
Instrument :
BNA_F
ClientSampleId :
PB157501BS

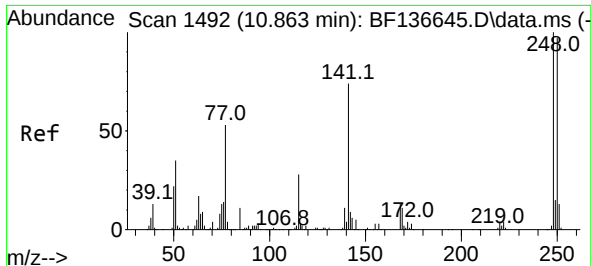
Tgt Ion:198 Resp: 100335
Ion Ratio Lower Upper
198 100
51 45.2 34.1 74.1
105 42.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.314 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:169 Resp: 527469
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.0 28.7 43.1

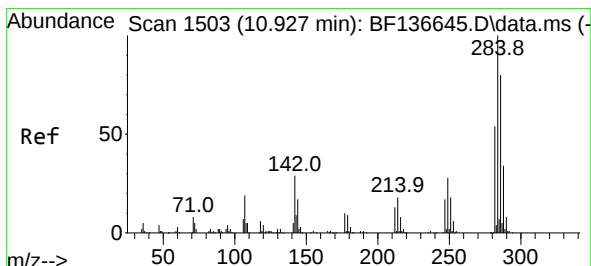
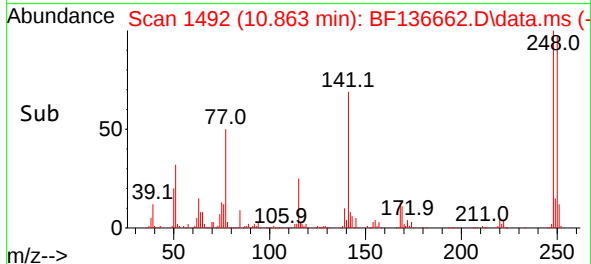
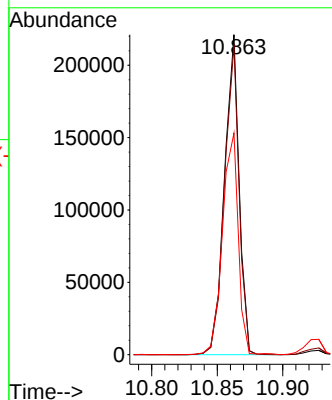
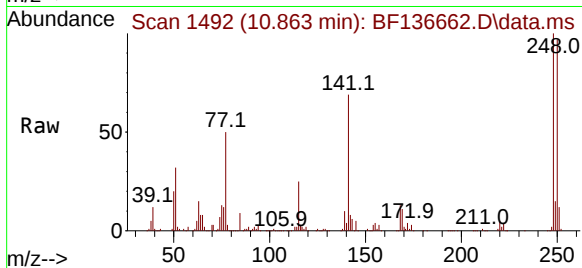




#67
4-Bromophenyl-phenylether
Concen: 38.516 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

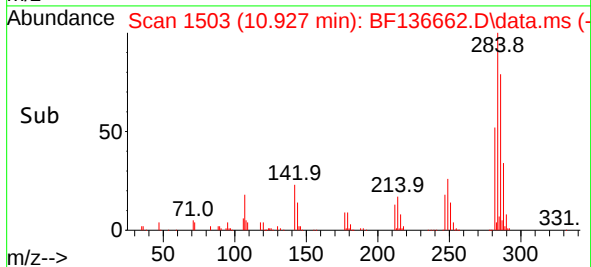
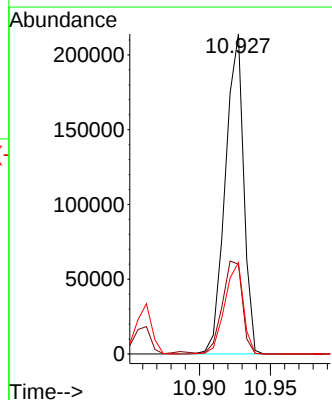
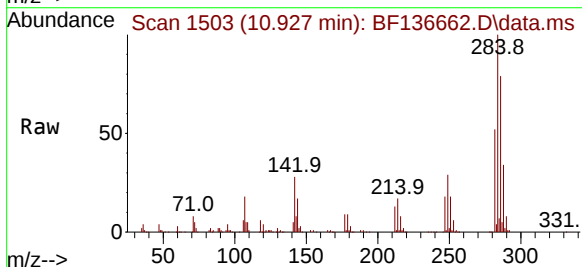
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:248 Resp: 172290
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 69.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.570 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:284 Resp: 192268
Ion Ratio Lower Upper
284 100
142 28.0 23.4 35.0
249 28.5 22.3 33.5





#69

Atrazine

Concen: 40.648 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

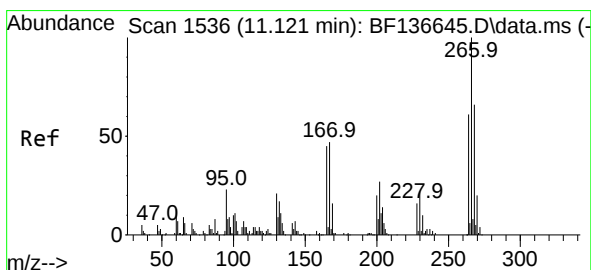
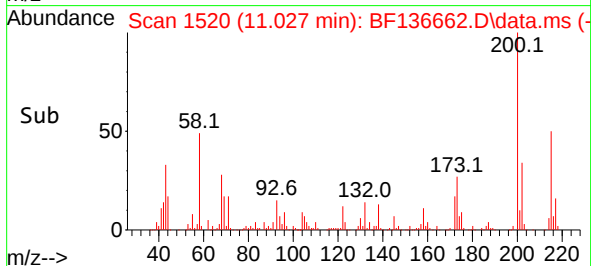
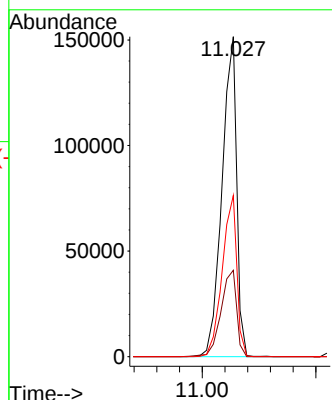
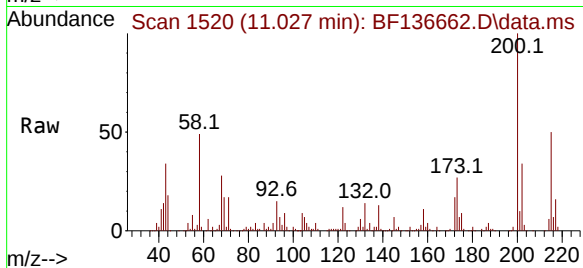
Tgt Ion:200 Resp: 136030

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 50.4 28.3 68.3



#70

Pentachlorophenol

Concen: 73.568 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

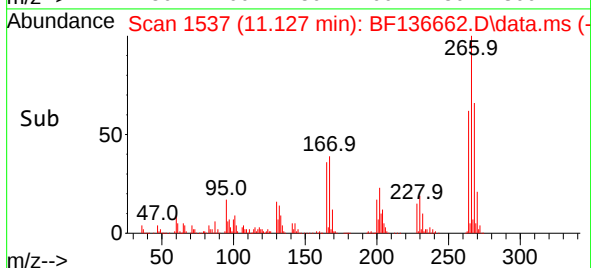
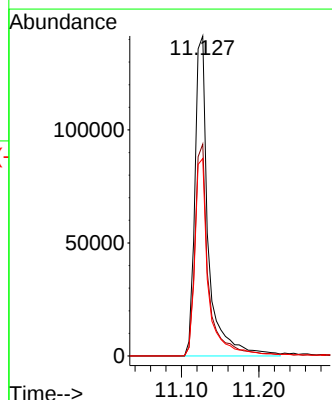
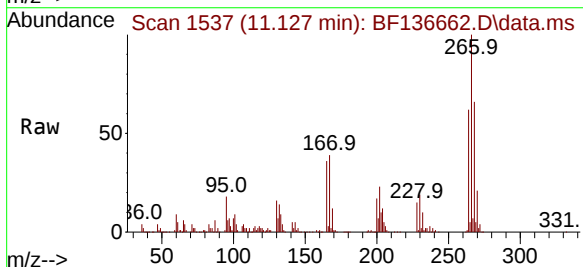
Tgt Ion:266 Resp: 170938

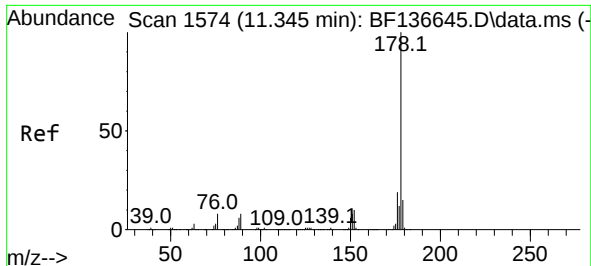
Ion Ratio Lower Upper

266 100

268 66.2 52.6 78.8

264 61.7 49.0 73.4

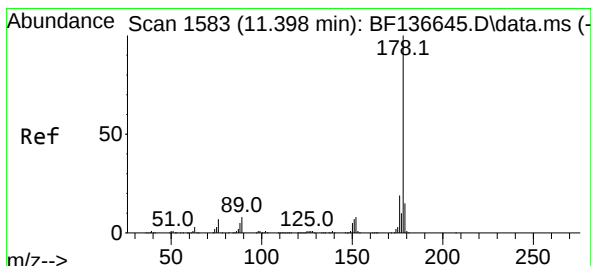
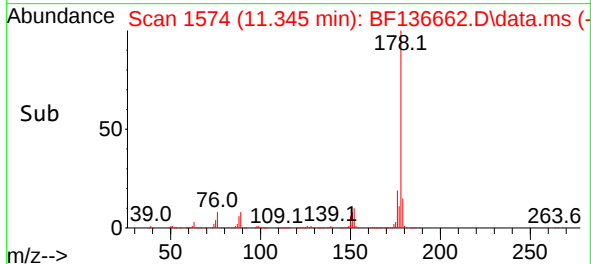
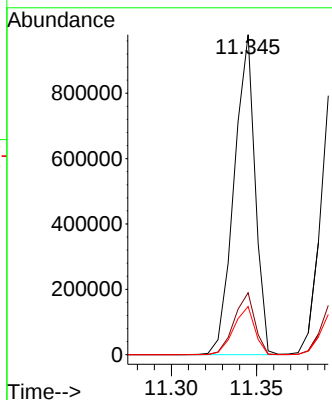
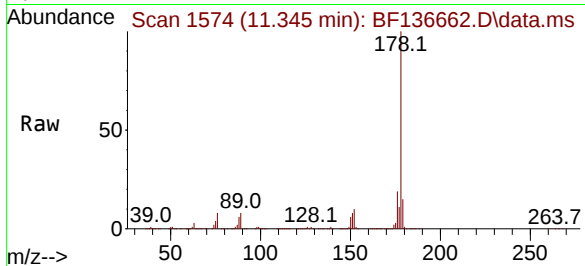




#71
Phenanthrene
Concen: 40.555 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

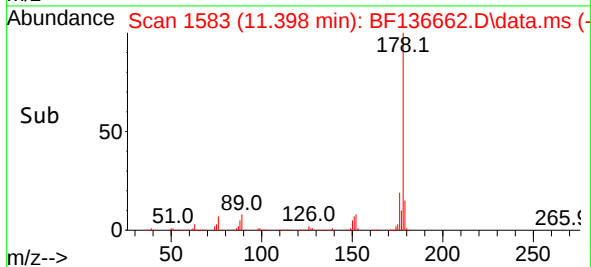
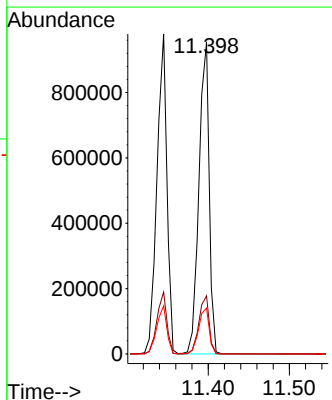
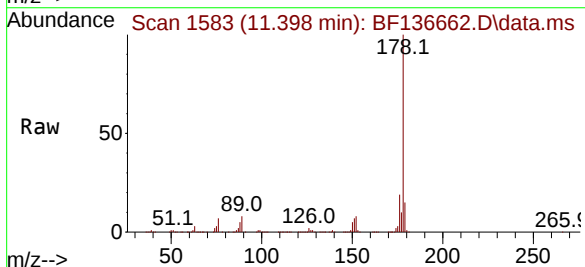
Instrument :
BNA_F
ClientSampleId :
PB157501BS

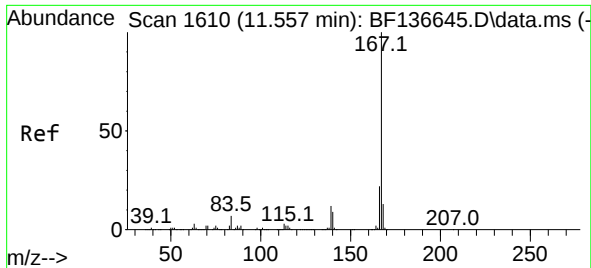
Tgt Ion:178 Resp: 838146
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.152 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:178 Resp: 840372
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 14.7 11.8 17.6

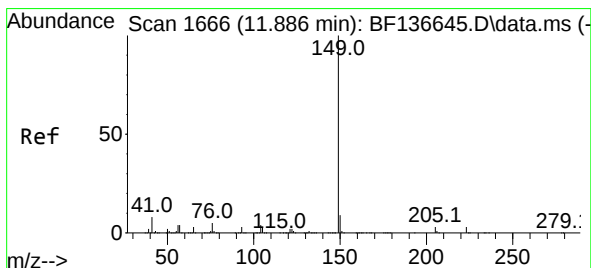
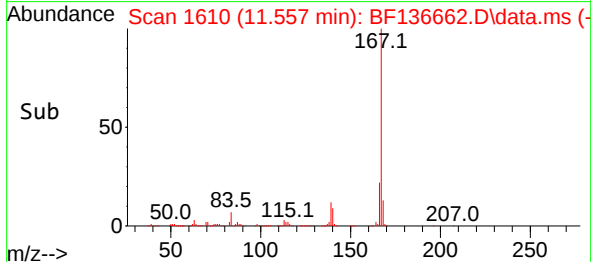
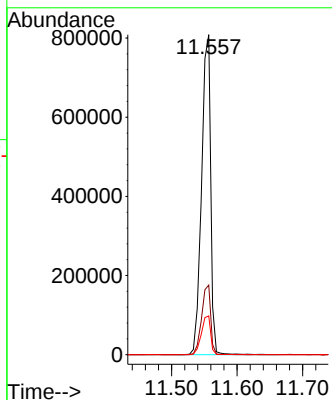
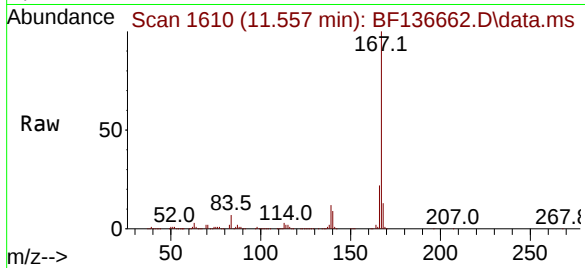




#73
 Carbazole
 Concen: 39.695 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

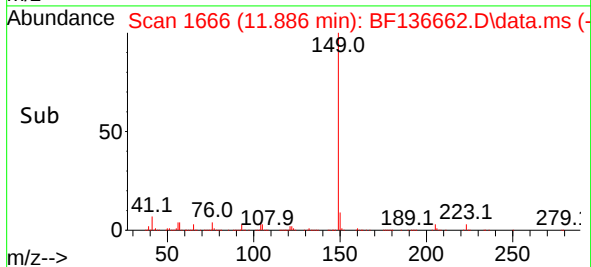
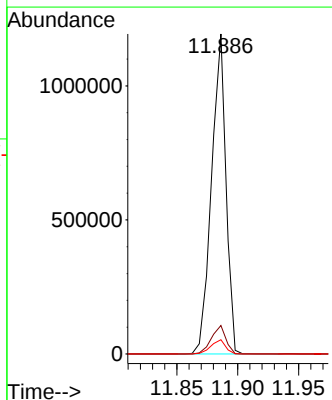
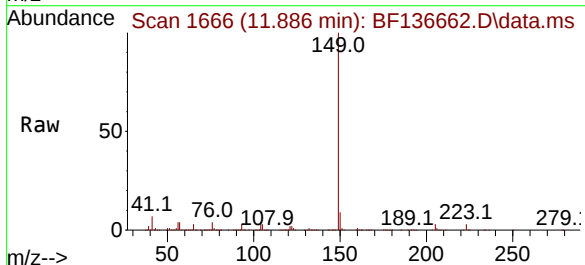
Instrument :
 BNA_F
 ClientSampleId :
 PB157501BS

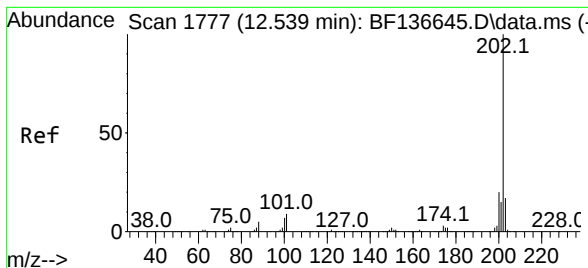
Tgt Ion:167 Resp: 783302
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.1 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.793 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136662.D
 Acq: 21 Dec 2023 10:31

Tgt Ion:149 Resp: 982263
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 39.208 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

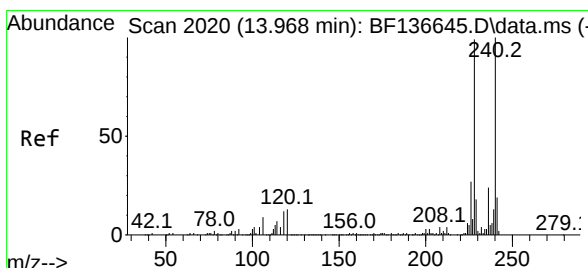
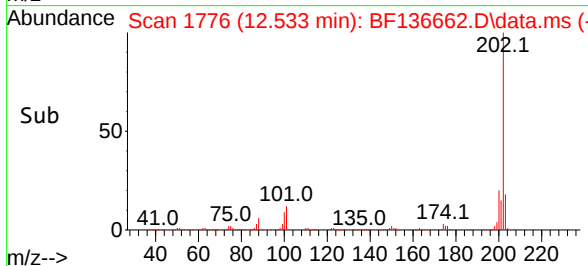
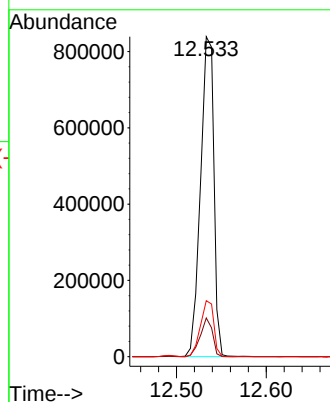
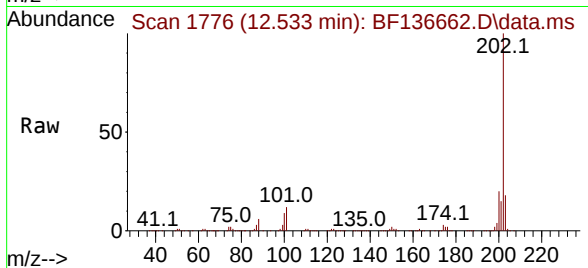
Tgt Ion:202 Resp: 866744

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.3

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

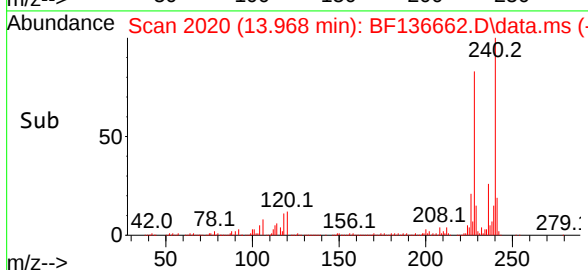
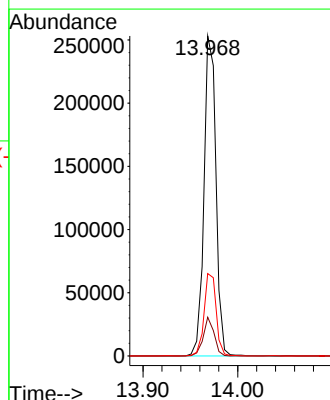
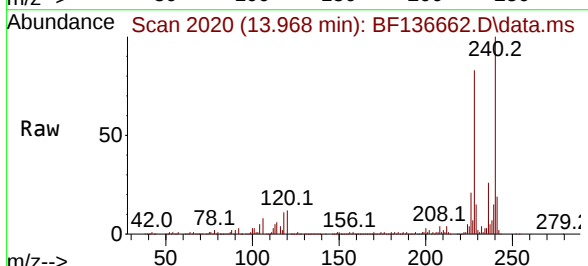
Tgt Ion:240 Resp: 221328

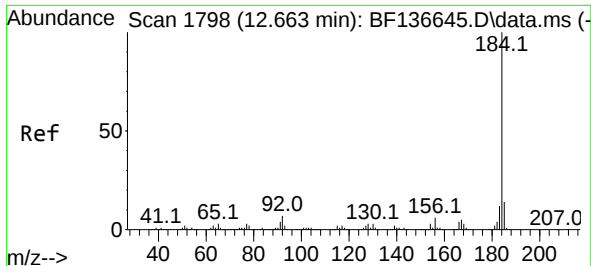
Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

236 25.8 19.4 29.2

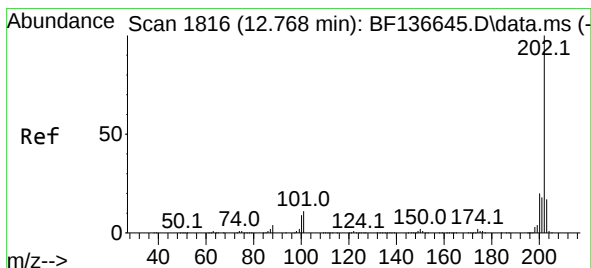
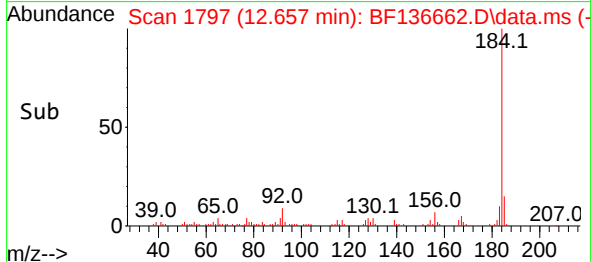
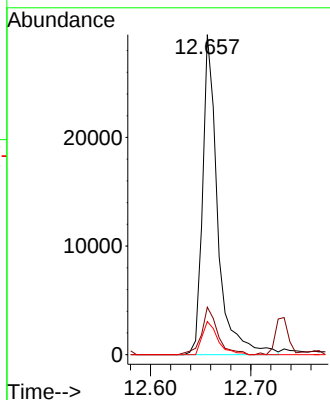
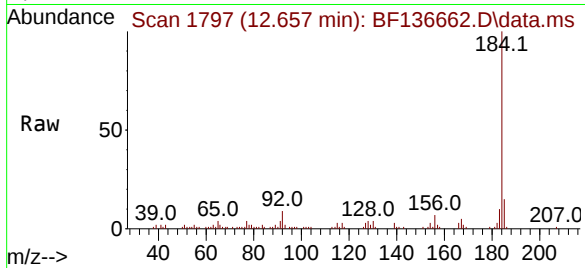




#77
Benzidine
Concen: 4.731 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

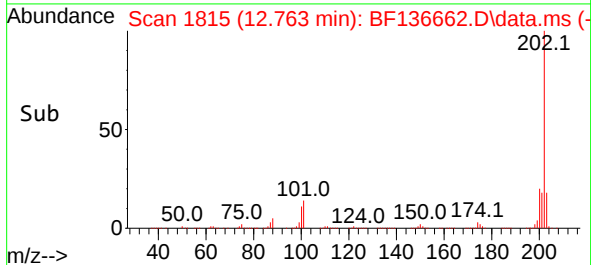
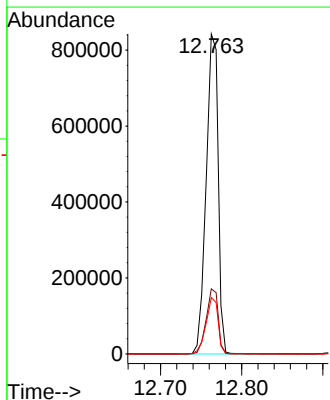
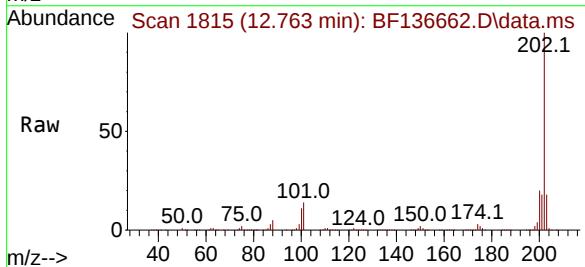
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:184 Resp: 30877
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 10.3 9.3 13.9



#78
Pyrene
Concen: 39.711 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:202 Resp: 862801
Ion Ratio Lower Upper
202 100
200 20.3 15.9 23.9
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 75.541 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

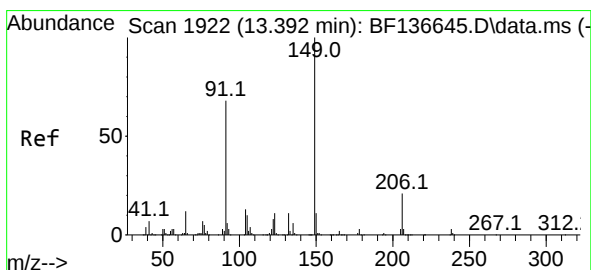
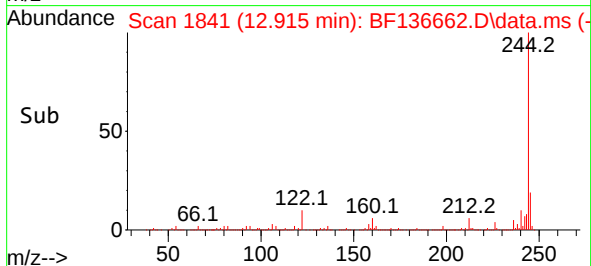
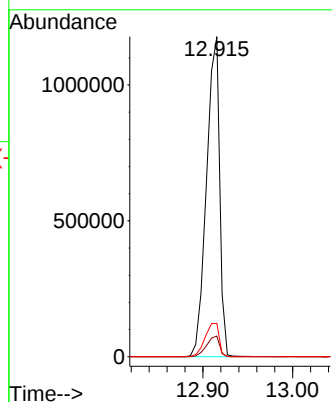
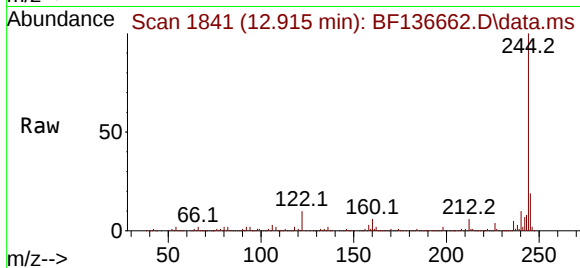
Tgt Ion:244 Resp: 1196396

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 10.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.200 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

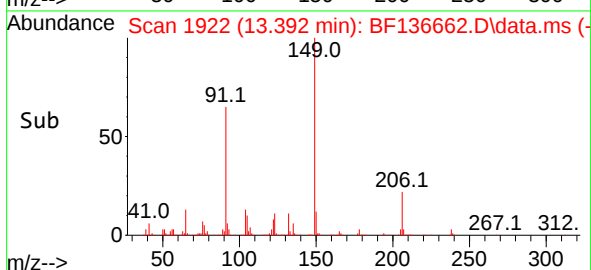
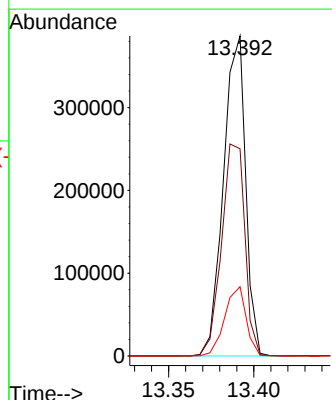
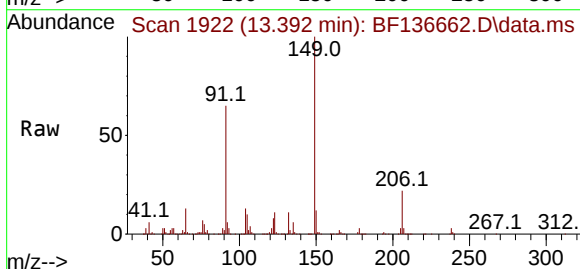
Tgt Ion:149 Resp: 349438

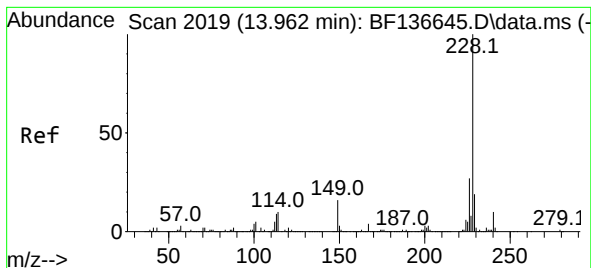
Ion Ratio Lower Upper

149 100

91 64.7 54.1 81.1

206 21.6 17.1 25.7

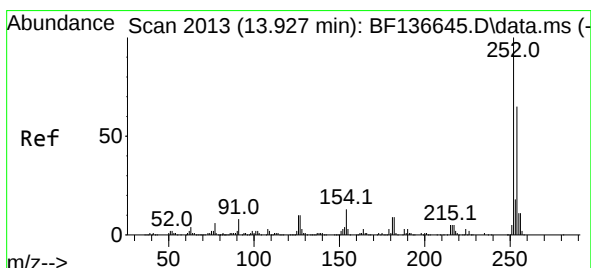
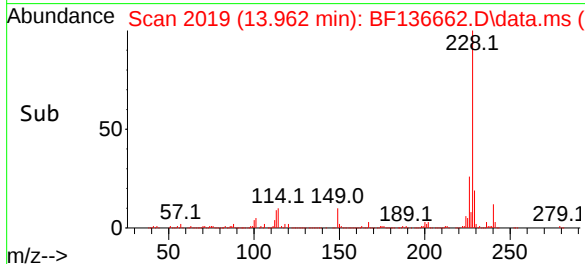
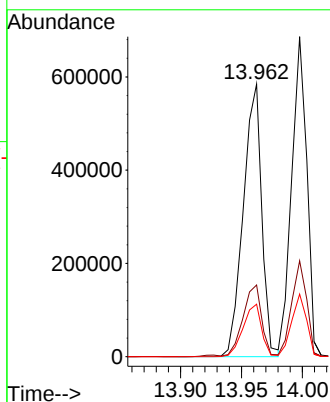
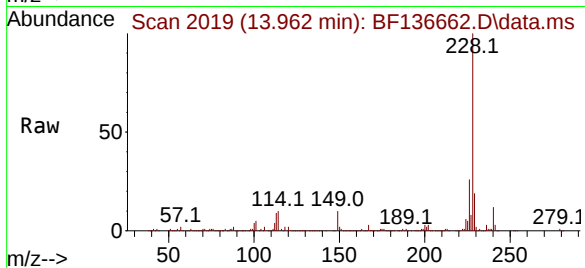




#81
Benzo(a)anthracene
Concen: 40.232 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

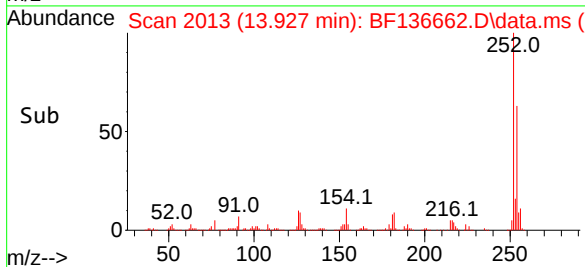
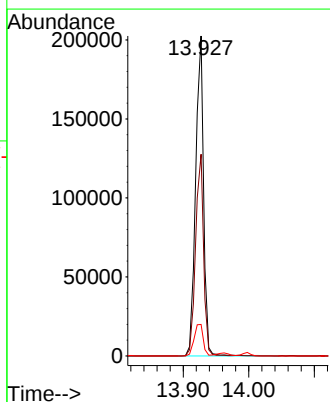
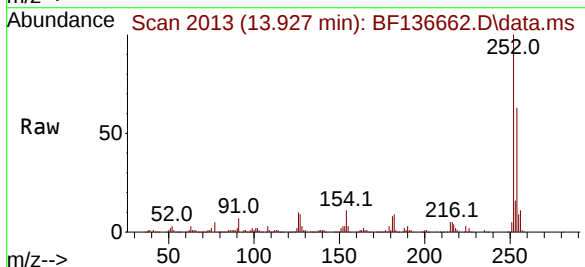
Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:228 Resp: 618318
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 19.2 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 39.203 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:252 Resp: 171104
Ion Ratio Lower Upper
252 100
254 63.1 52.2 78.4
126 9.9 8.0 12.0





#83

Chrysene

Concen: 39.658 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

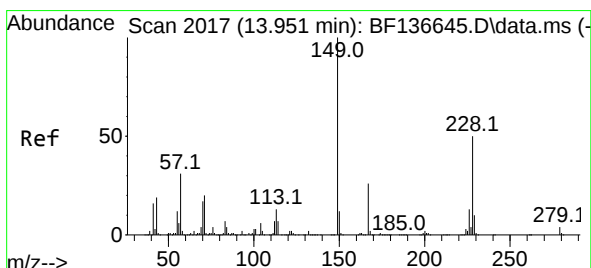
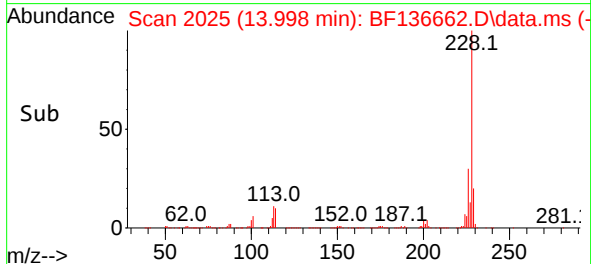
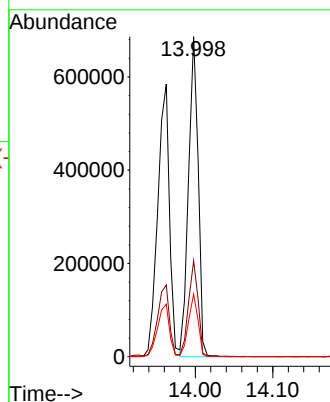
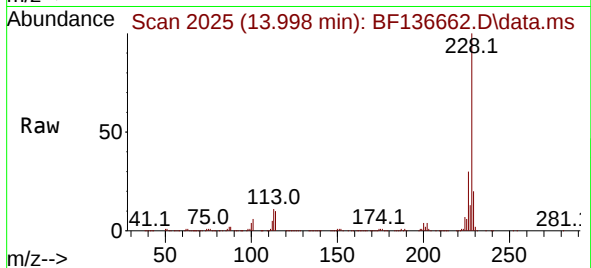
Tgt Ion:228 Resp: 596020

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.395 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

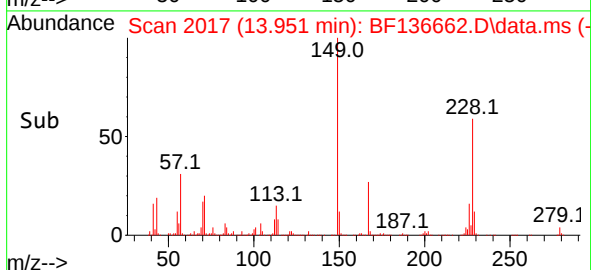
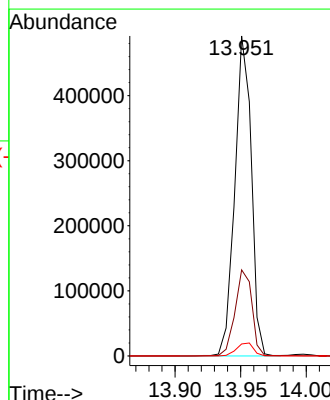
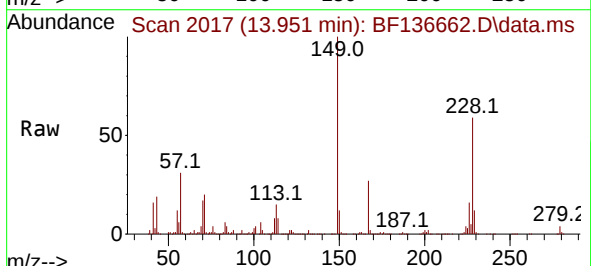
Tgt Ion:149 Resp: 431654

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.793 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

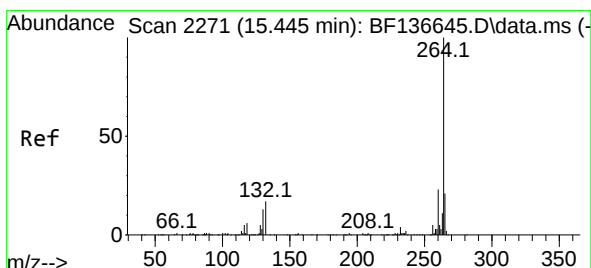
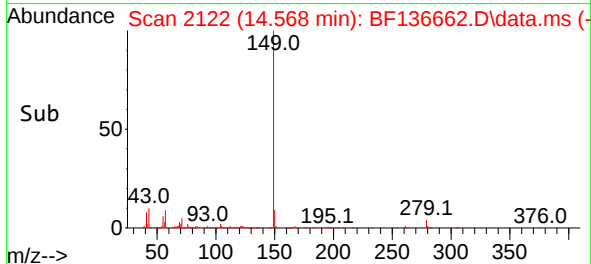
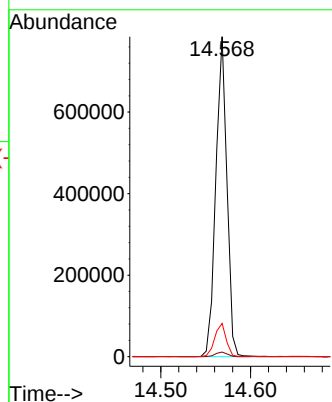
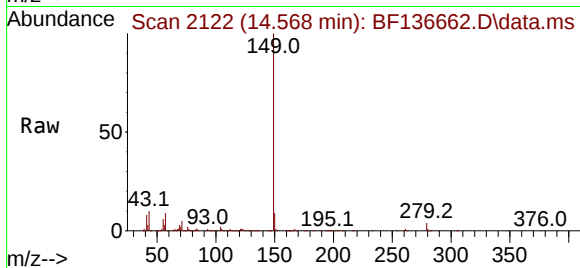
Tgt Ion:149 Resp: 673828

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

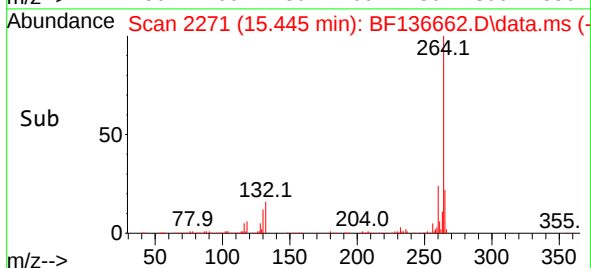
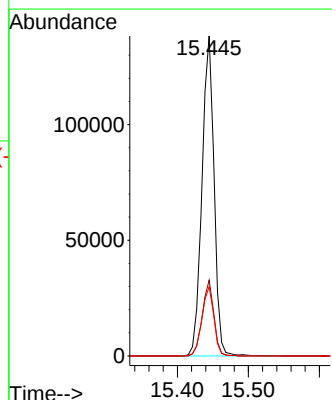
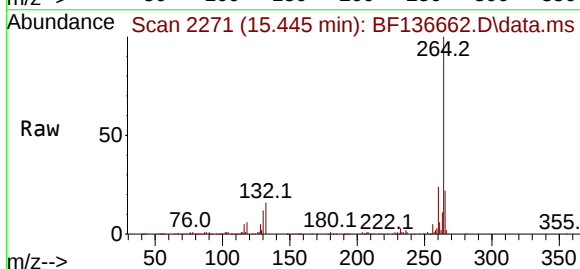
Tgt Ion:264 Resp: 164356

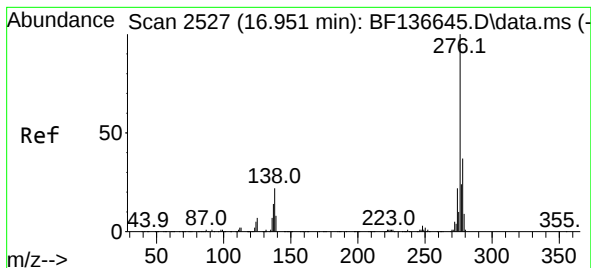
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.716 ng

RT: 16.945 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

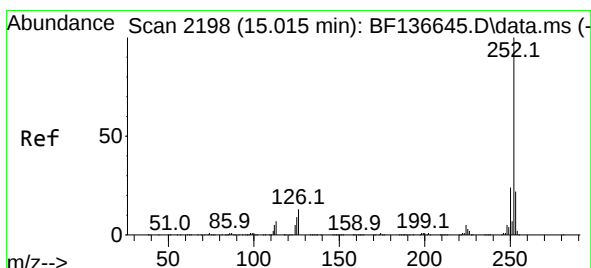
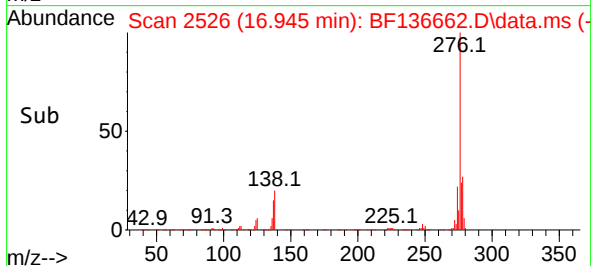
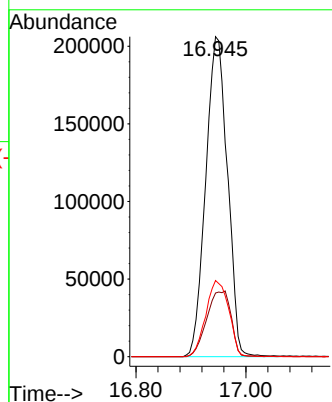
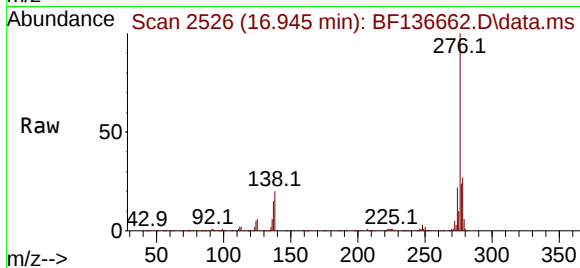
Tgt Ion:276 Resp: 566235

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.740 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

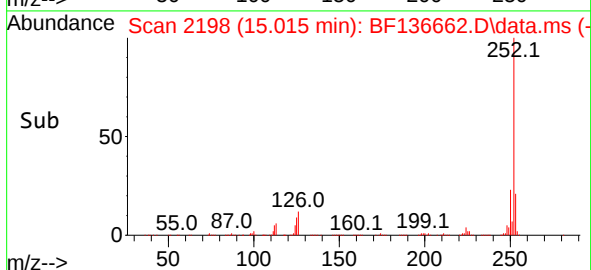
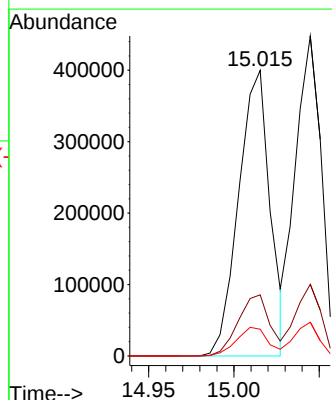
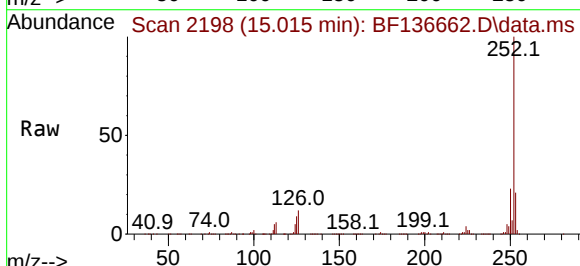
Tgt Ion:252 Resp: 513085

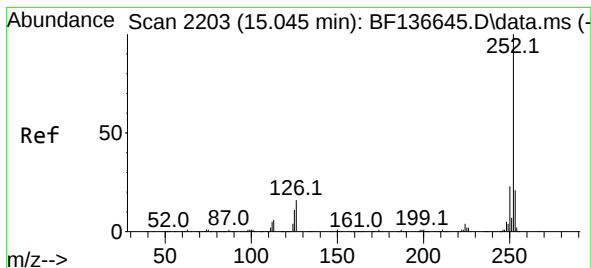
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.987 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB157501BS

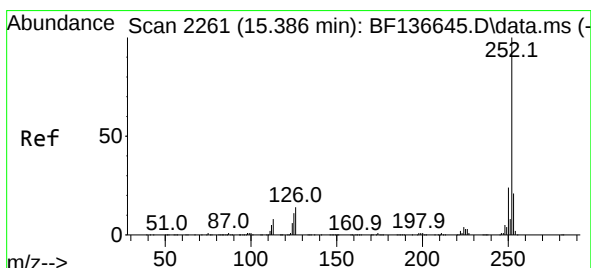
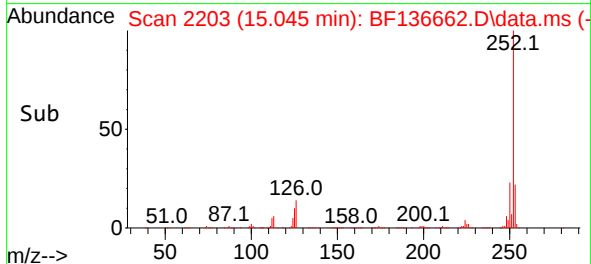
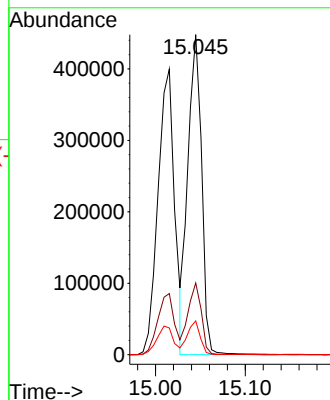
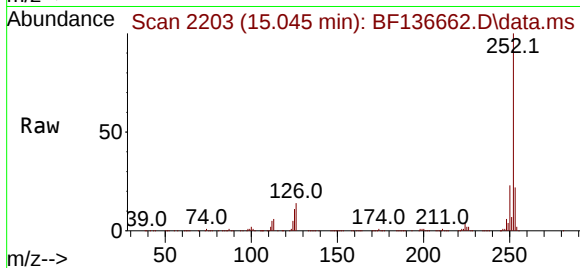
Tgt Ion:252 Resp: 477011

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 10.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.455 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136662.D

Acq: 21 Dec 2023 10:31

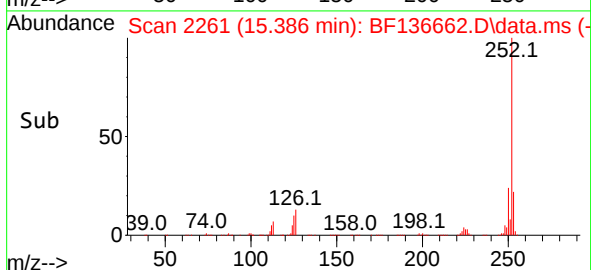
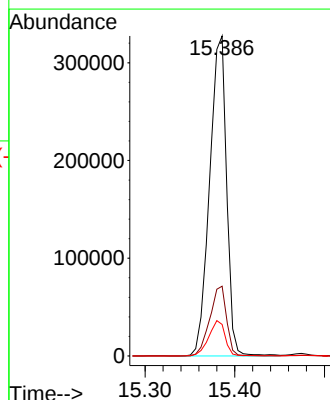
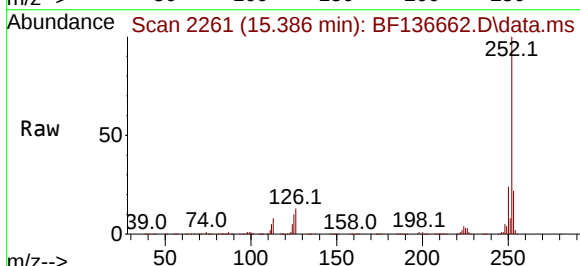
Tgt Ion:252 Resp: 430461

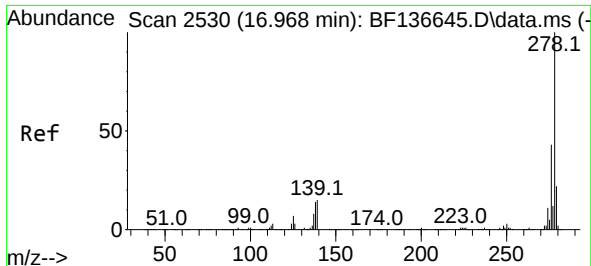
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.8 8.8 13.2

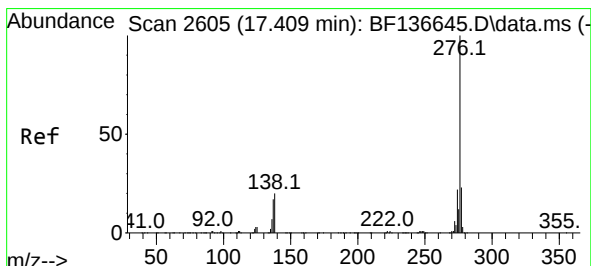
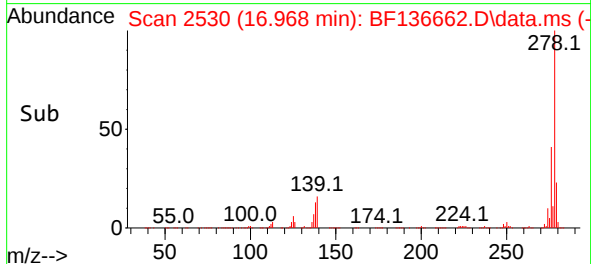
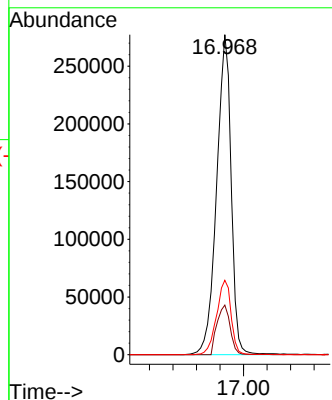
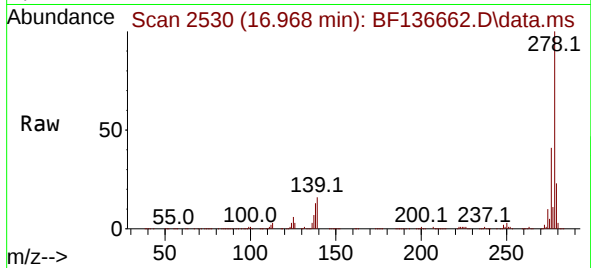




#91
Dibenzo(a,h)anthracene
Concen: 48.881 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB157501BS

Tgt Ion:278 Resp: 475882
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.3 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.567 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136662.D
Acq: 21 Dec 2023 10:31

Tgt Ion:276 Resp: 464327
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 19.5 15.6 23.4

