

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136972.D
 Acq On : 05 Jan 2024 13:15
 Operator : CG\JU
 Sample : P1005-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MSD

Quant Time: Jan 05 13:36:16 2024
 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	6.787	152	64479	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	245666	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121395	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	226201	20.000	ng	0.00
76) Chrysene-d12	13.974	240	127153	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	140217	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	366669	88.728	ng	0.01
7) Phenol-d6	6.439	99	455519	85.068	ng	0.00
23) Nitrobenzene-d5	7.351	82	289608	60.324	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128364	89.784	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	581506	64.427	ng	-0.01
79) Terphenyl-d14	12.904	244	543768	59.763	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	67684	39.309	ng	97
3) Pyridine	3.375	79	158321	37.685	ng	97
4) n-Nitrosodimethylamine	3.346	42	87336	38.929	ng	95
6) Aniline	6.451	93	93346	17.436	ng	# 1
8) 2-Chlorophenol	6.575	128	191610	42.370	ng	96
9) Benzaldehyde	6.339	77	35210	11.560	ng	98
10) Phenol	6.451	94	221726	38.789	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	178571	41.078	ng	99
12) 1,3-Dichlorobenzene	6.728	146	198199	40.175	ng	95
13) 1,4-Dichlorobenzene	6.804	146	202660	40.204	ng	95
14) 1,2-Dichlorobenzene	6.951	146	192748	41.093	ng	99
15) Benzyl Alcohol	6.934	79	154209	42.687	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	280786	39.507	ng	58
17) 2-Methylphenol	7.051	107	149964	40.028	ng	# 91
18) Hexachloroethane	7.286	117	73674	40.244	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	130341	40.154	ng	97
20) 3+4-Methylphenols	7.204	107	192519	41.132	ng	# 60
22) Acetophenone	7.192	105	267781	43.488	ng	# 87
24) Nitrobenzene	7.369	77	192235	39.972	ng	96
25) Isophorone	7.604	82	351282	40.212	ng	99
26) 2-Nitrophenol	7.681	139	99162	43.096	ng	94
27) 2,4-Dimethylphenol	7.728	122	144926	51.736	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	220246	41.478	ng	99
29) 2,4-Dichlorophenol	7.928	162	152123	42.181	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	164941	41.049	ng	99
31) Naphthalene	8.086	128	548697	40.656	ng	100
32) Benzoic acid	7.869	122	108601	40.068	ng	97
33) 4-Chloroaniline	8.139	127	25513	5.120	ng	95
34) Hexachlorobutadiene	8.192	225	98856	40.493	ng	99
35) Caprolactam	8.522	113	41282	34.699	ng	# 85
36) 4-Chloro-3-methylphenol	8.639	107	161347	39.741	ng	96
37) 2-Methylnaphthalene	8.775	142	349249	40.209	ng	100
38) 1-Methylnaphthalene	8.875	142	336760	39.519	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	170767	45.422	ng	97
41) Hexachlorocyclopentadiene	8.922	237	108493	89.865	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	104657	43.407	ng	97

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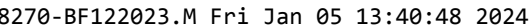
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	109305	40.682	ng	96
46) 1,1'-Biphenyl	9.239	154	457540	44.915	ng	98
47) 2-Chloronaphthalene	9.269	162	333500	43.064	ng	97
48) 2-Nitroaniline	9.375	65	103307	42.599	ng	90
49) Acenaphthylene	9.680	152	545191	46.058	ng	99
50) Dimethylphthalate	9.545	163	377999	42.630	ng	99
51) 2,6-Dinitrotoluene	9.616	165	82196	40.845	ng	99
52) Acenaphthene	9.857	154	309535	42.185	ng	98
53) 3-Nitroaniline	9.786	138	35114	16.472	ng	93
54) 2,4-Dinitrophenol	9.904	184	78627	70.942	ng	98
55) Dibenzofuran	10.027	168	462956	41.623	ng	99
56) 4-Nitrophenol	9.969	139	94836	65.902	ng	94
57) 2,4-Dinitrotoluene	10.022	165	102887	39.383	ng	92
58) Fluorene	10.375	166	375749	42.576	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	90224	43.624	ng	95
60) Diethylphthalate	10.245	149	379244	41.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	178473	41.605	ng	98
62) 4-Nitroaniline	10.404	138	78568	38.232	ng	96
63) Azobenzene	10.527	77	352999	41.080	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	53536	41.297	ng	95
66) n-Nitrosodiphenylamine	10.486	169	326981	44.499	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	105917	42.162	ng	94
68) Hexachlorobenzene	10.922	284	119613	42.726	ng	99
69) Atrazine	11.022	200	100486	53.467	ng	99
70) Pentachlorophenol	11.127	266	89403	68.513	ng	95
71) Phenanthrene	11.339	178	521474	44.929	ng	100
72) Anthracene	11.392	178	519552	44.201	ng	99
73) Carbazole	11.551	167	458378	41.362	ng	100
74) Di-n-butylphthalate	11.880	149	586379	43.362	ng	100
75) Fluoranthene	12.533	202	535008	43.094	ng	97
77) Benzidine	12.663	184	138586	36.964	ng	99
78) Pyrene	12.763	202	525642	42.111	ng	99
80) Butylbenzylphthalate	13.386	149	202540	44.594	ng	98
81) Benzo(a)anthracene	13.963	228	398029	45.080	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	64672	25.792	ng	99
83) Chrysene	13.998	228	362240	41.954	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	280086	49.013	ng	98
85) Di-n-octyl phthalate	14.562	149	434390	49.141	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	470904	46.514	ng	99
88) Benzo(b)fluoranthene	15.021	252	401437	42.865	ng	97
89) Benzo(k)fluoranthene	15.051	252	324491	36.669	ng	100
90) Benzo(a)pyrene	15.398	252	340889	43.122	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	385707	46.439	ng	97
92) Benzo(g,h,i)perylene	17.445	276	394628	46.390	ng	99

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

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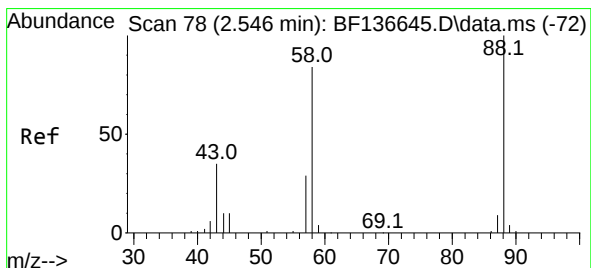
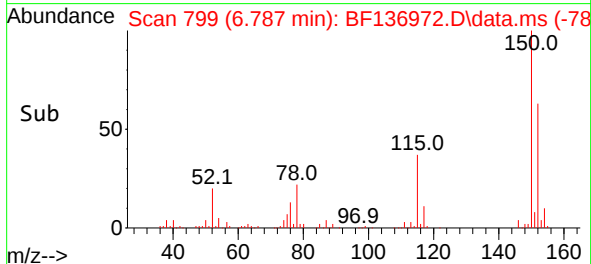
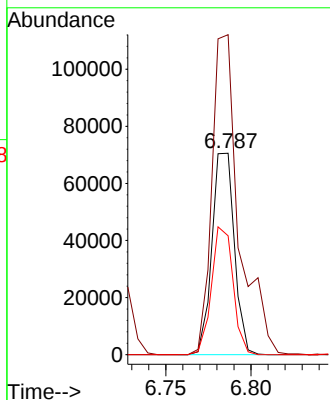
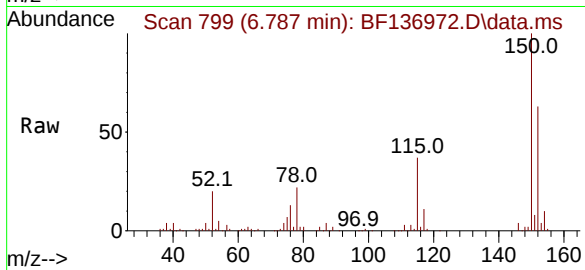




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

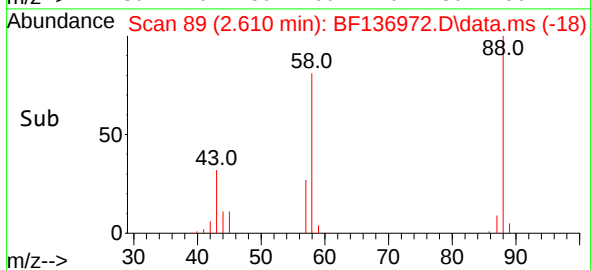
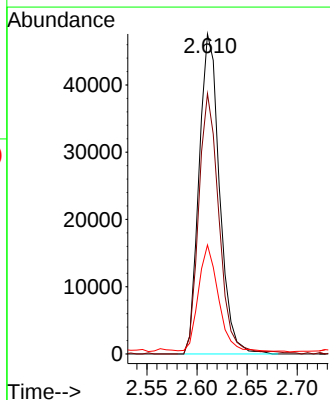
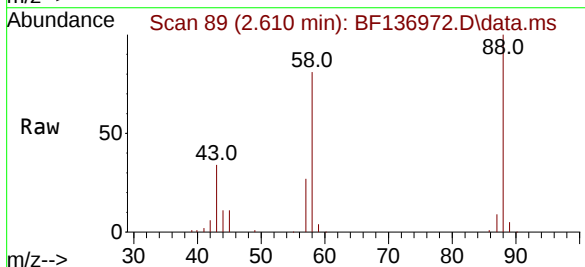
Instrument :
BNA_F
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RBR200030MSD

Tgt Ion:152 Resp: 64479
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 59.0 49.0 73.4



#2
1,4-Dioxane
Concen: 39.309 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.065 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 88 Resp: 67684
Ion Ratio Lower Upper
88 100
58 81.1 67.4 101.0
43 33.1 27.7 41.5

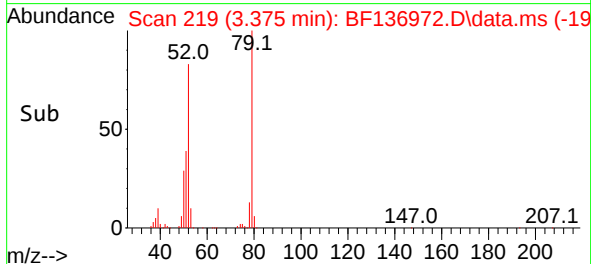
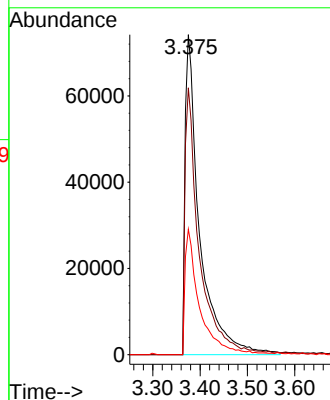
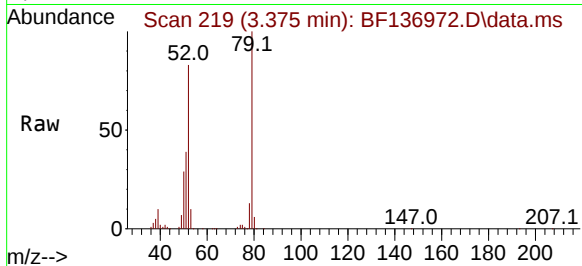




#3
Pyridine
Concen: 37.685 ng
RT: 3.375 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

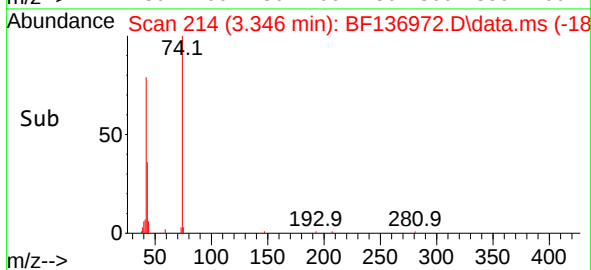
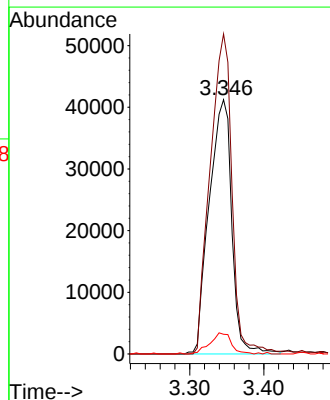
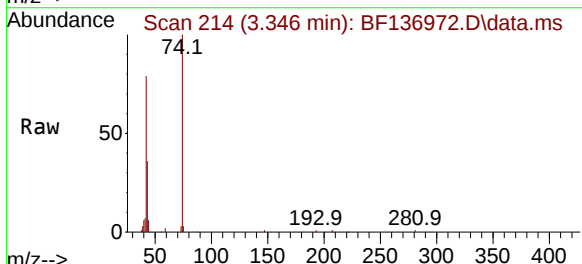
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ClientSampleId :
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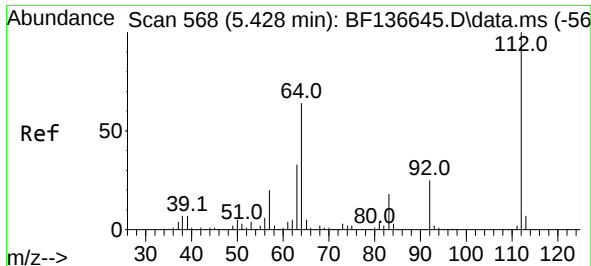
Tgt Ion: 79 Resp: 158321
Ion Ratio Lower Upper
79 100
52 83.4 67.7 101.5
51 39.2 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 38.929 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 42 Resp: 87336
Ion Ratio Lower Upper
42 100
74 125.8 96.0 144.0
44 7.7 5.4 8.2

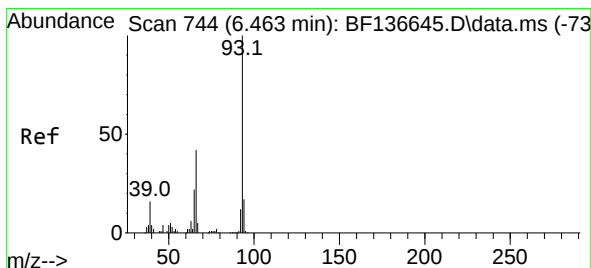
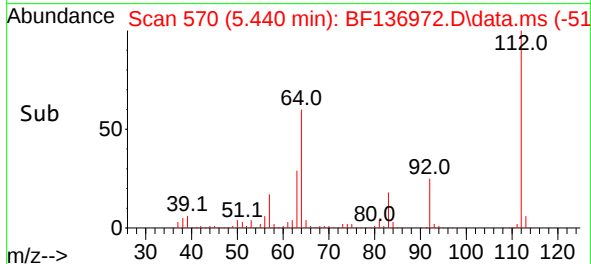
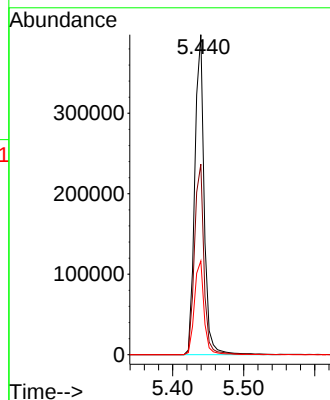
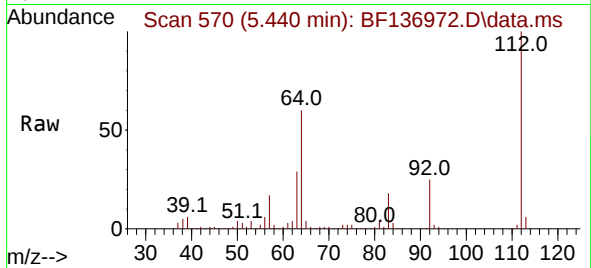




#5
2-Fluorophenol
Concen: 88.728 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

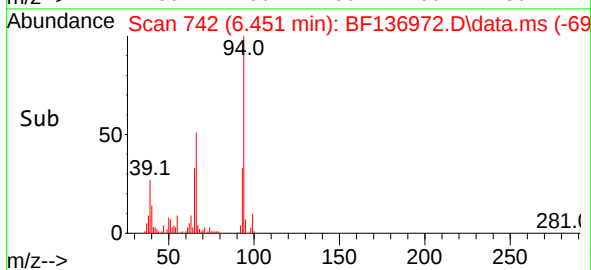
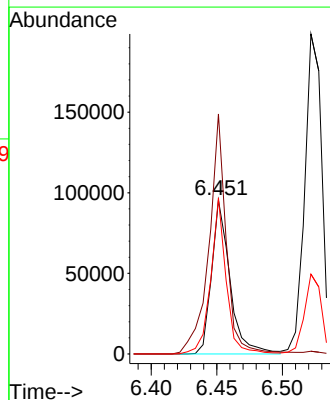
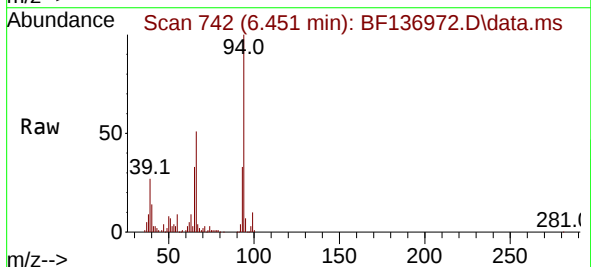
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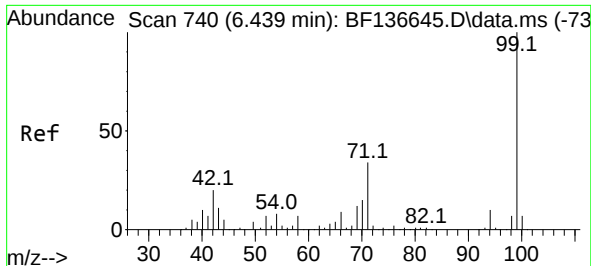
Tgt Ion:112 Resp: 366669
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 29.3 26.1 39.1



#6
Aniline
Concen: 17.436 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 93 Resp: 93346
Ion Ratio Lower Upper
93 100
66 156.0 34.6 51.8#
65 101.5 17.8 26.8#

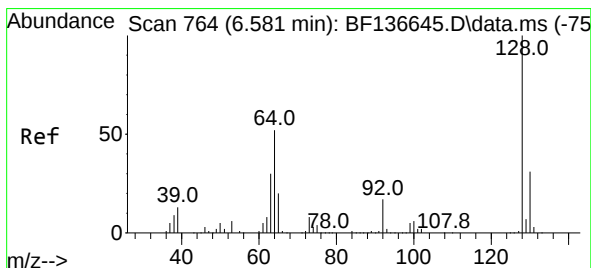
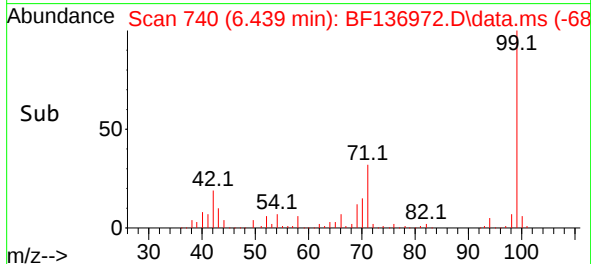
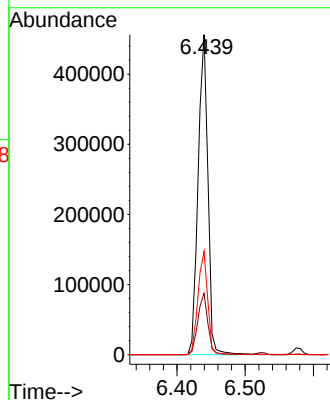
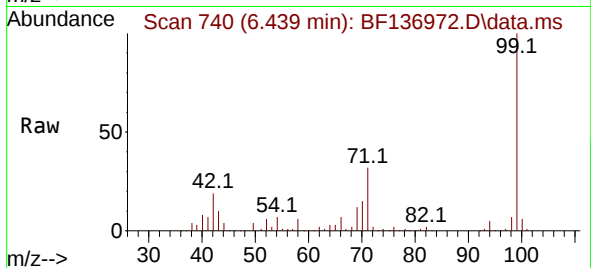




#7
Phenol-d6
Concen: 85.068 ng
RT: 6.439 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

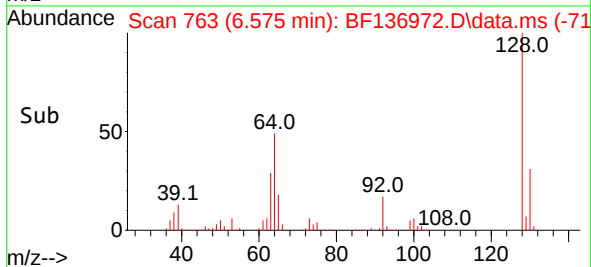
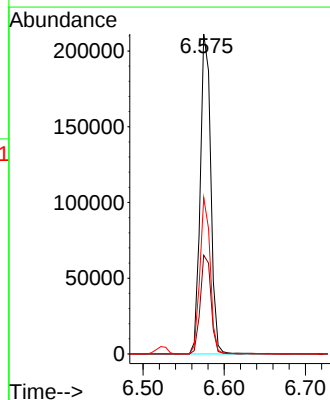
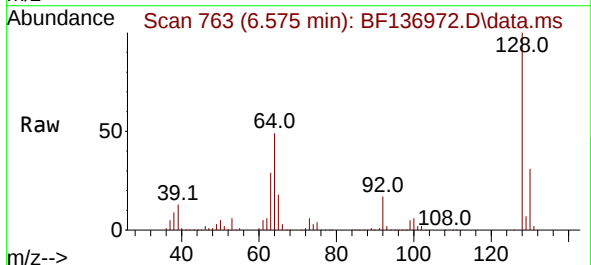
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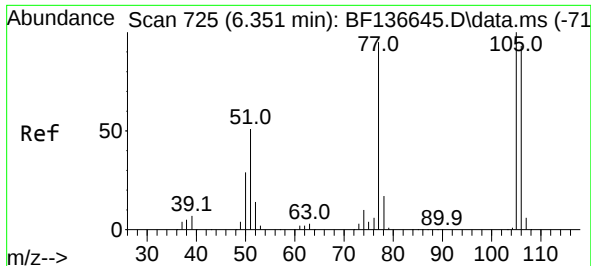
Tgt Ion: 99 Resp: 455519
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.3 27.4 41.2



#8
2-Chlorophenol
Concen: 42.370 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136972.D
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Tgt Ion: 128 Resp: 191610
Ion Ratio Lower Upper
128 100
130 30.8 11.3 51.3
64 48.9 32.5 72.5





#9

Benzaldehyde

Concen: 11.560 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

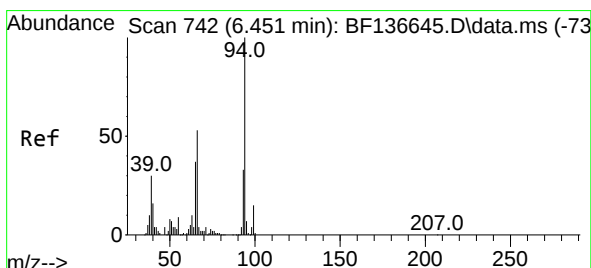
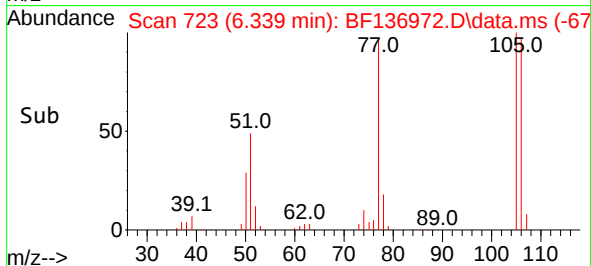
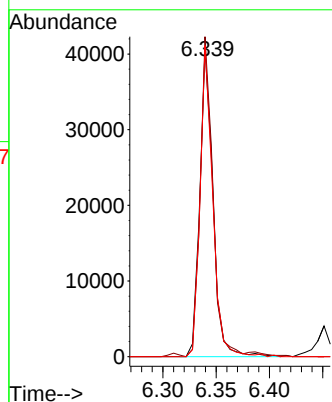
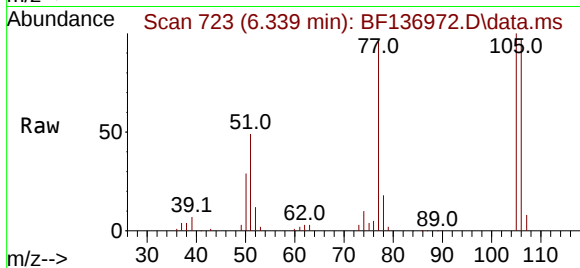
Tgt Ion: 77 Resp: 35210

Ion Ratio Lower Upper

77 100

105 103.8 84.8 124.8

106 101.0 77.8 117.8



#10

Phenol

Concen: 38.789 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

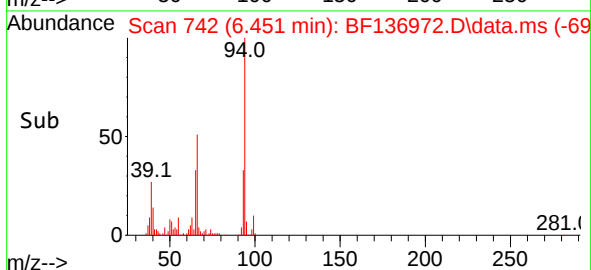
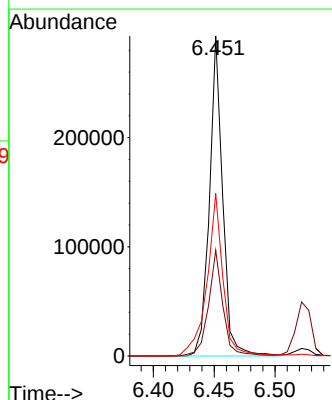
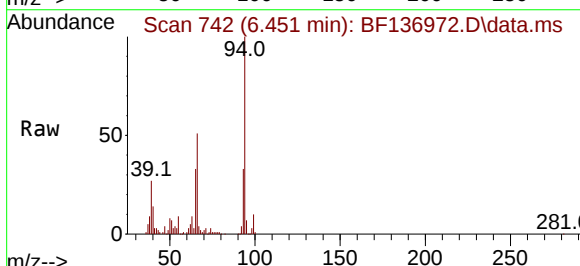
Tgt Ion: 94 Resp: 221726

Ion Ratio Lower Upper

94 100

65 33.1 16.6 56.6

66 50.8 32.6 72.6

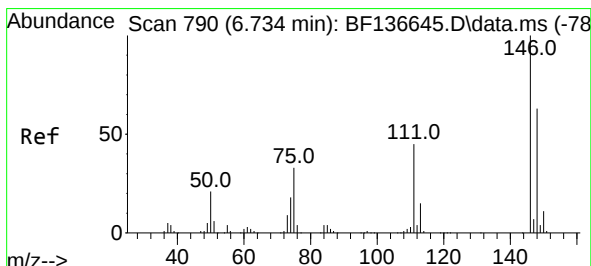
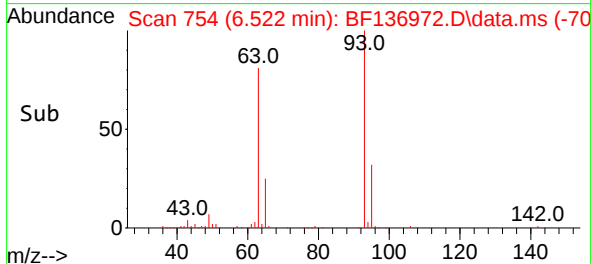
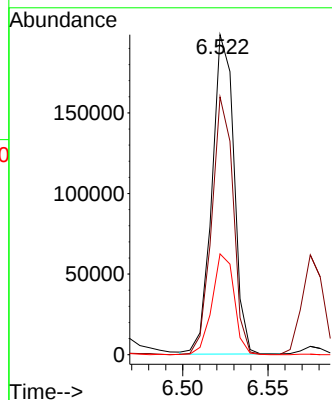
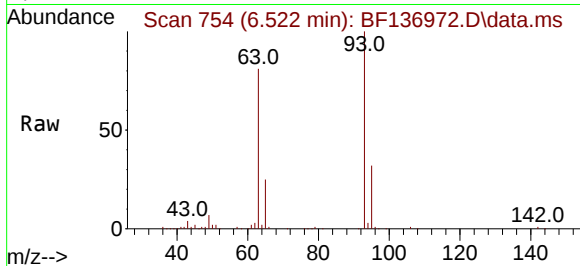




#11
bis(2-Chloroethyl)ether
Concen: 41.078 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

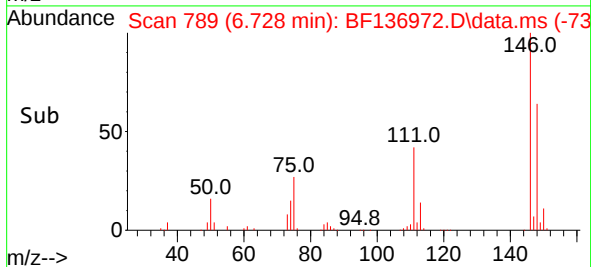
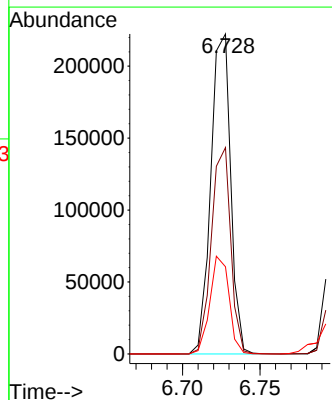
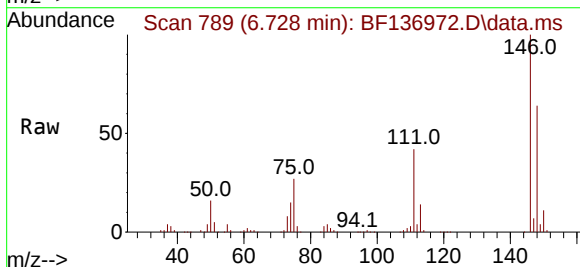
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

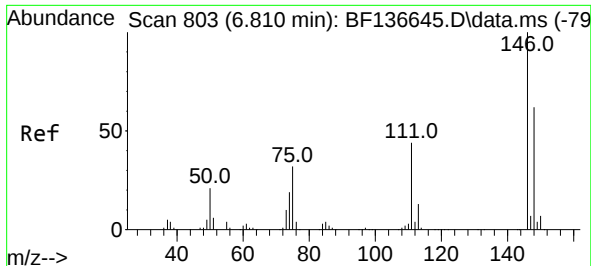
Tgt Ion: 93 Resp: 178571
Ion Ratio Lower Upper
93 100
63 80.6 61.2 101.2
95 31.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.175 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 146 Resp: 198199
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 27.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.204 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

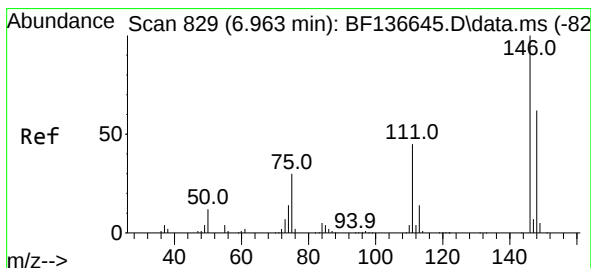
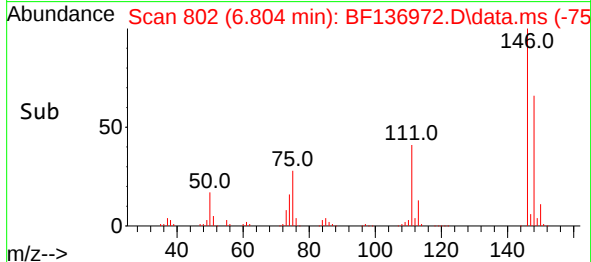
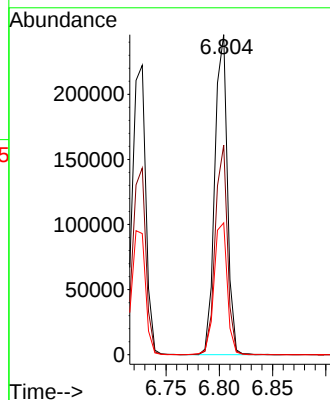
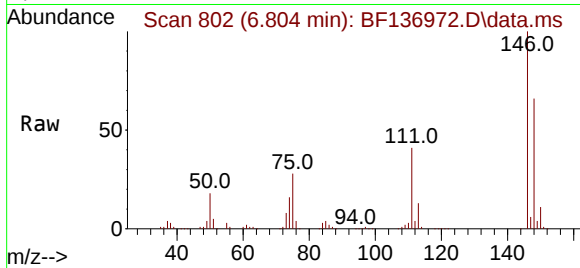
Tgt Ion:146 Resp: 202660

Ion Ratio Lower Upper

146 100

148 65.5 49.2 73.8

111 41.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.093 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

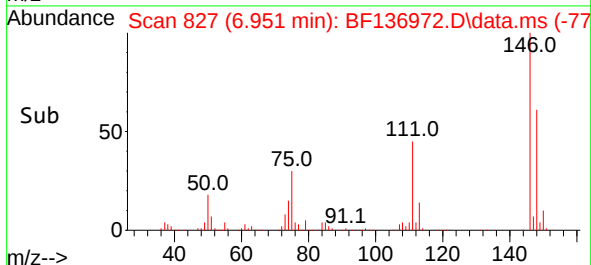
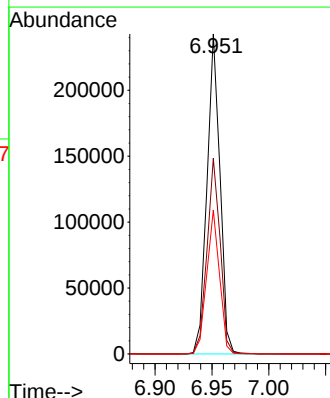
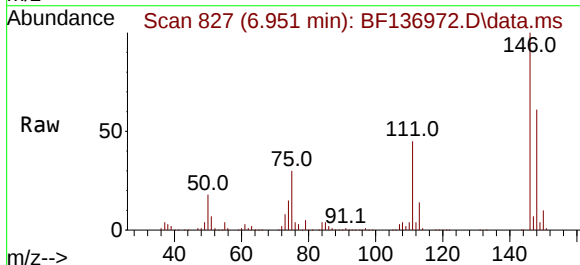
Tgt Ion:146 Resp: 192748

Ion Ratio Lower Upper

146 100

148 61.2 49.6 74.4

111 45.0 36.2 54.2

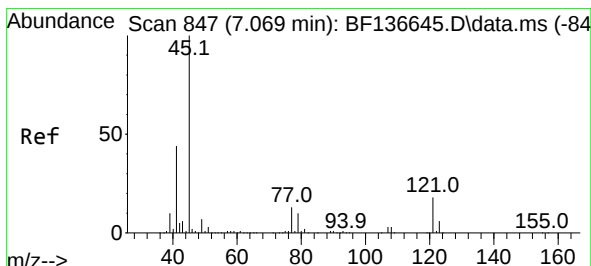
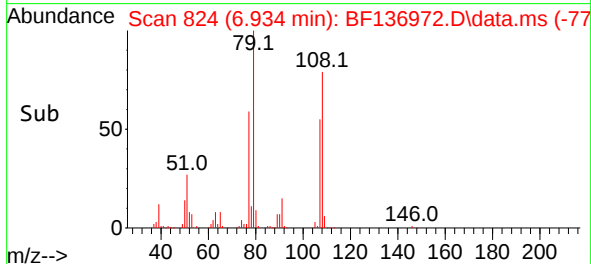
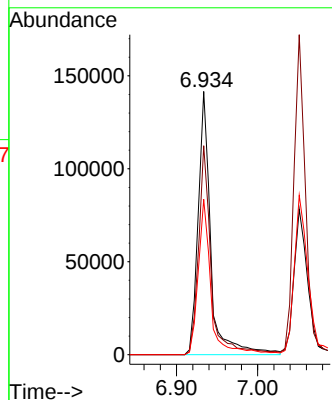
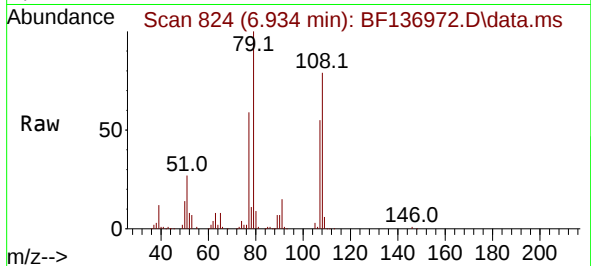




#15
Benzyl Alcohol
Concen: 42.687 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

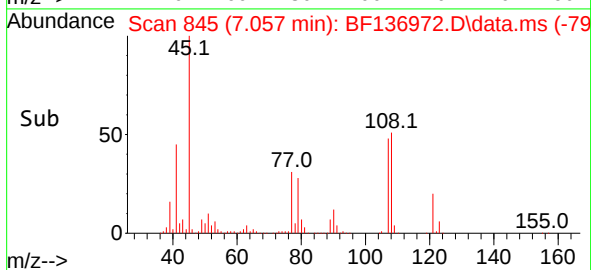
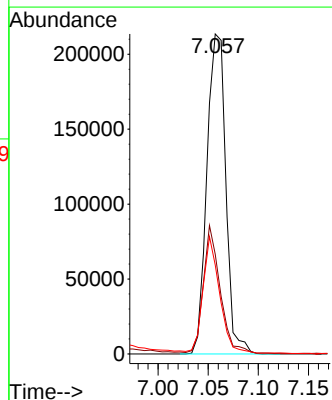
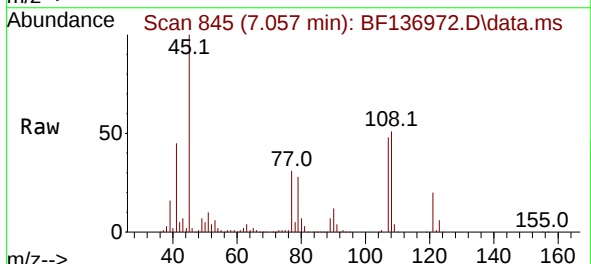
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

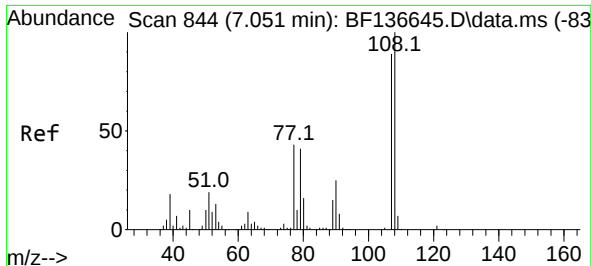
Tgt Ion: 79 Resp: 154209
Ion Ratio Lower Upper
79 100
108 79.4 61.0 91.6
77 59.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.507 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 45 Resp: 280786
Ion Ratio Lower Upper
45 100
77 31.2 0.0 34.3
79 27.8 0.0 31.4

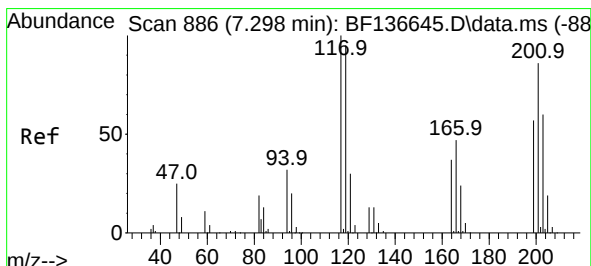
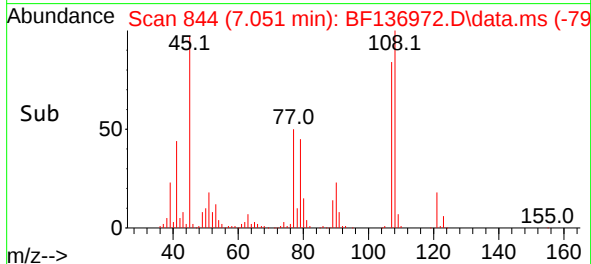
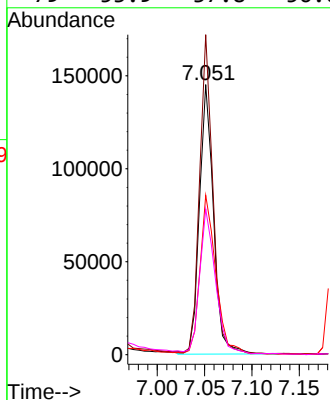
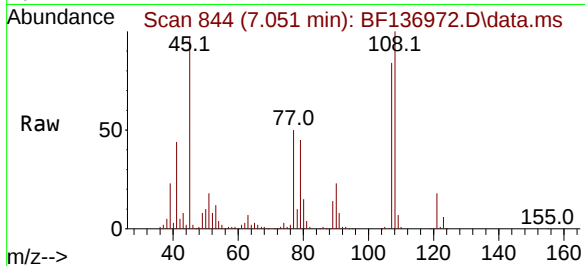




#17
2-Methylphenol
Concen: 40.028 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

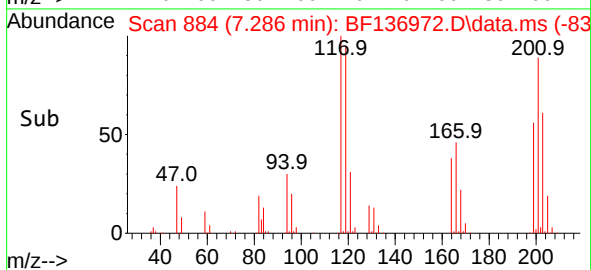
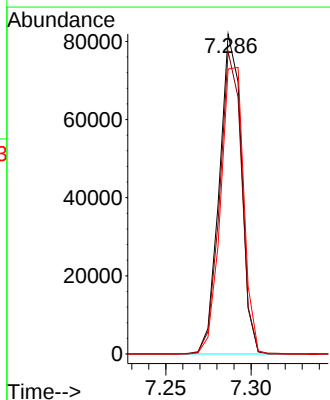
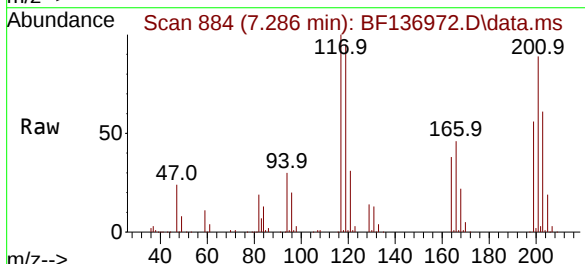
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

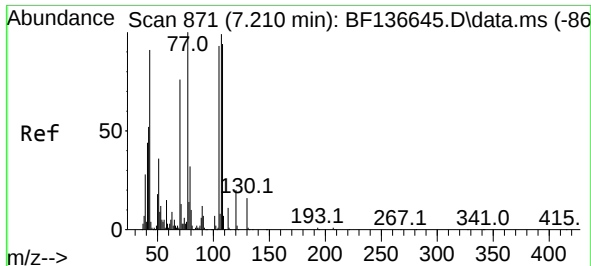
Tgt Ion:107 Resp: 149964
Ion Ratio Lower Upper
107 100
108 118.5 90.3 135.5
77 59.0 38.7 58.1#
79 53.9 37.8 56.6



#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:117 Resp: 73674
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
201 89.0 69.1 103.7



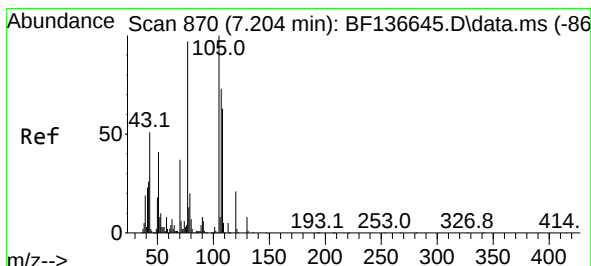
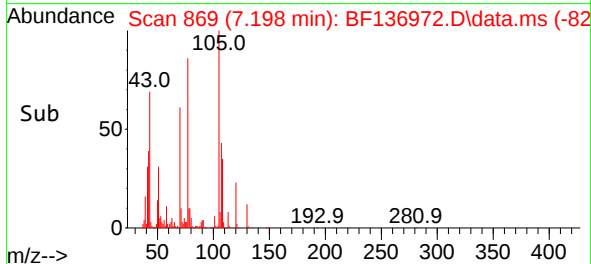
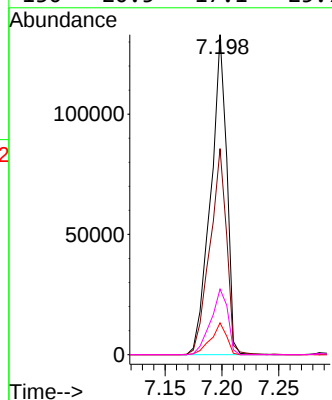
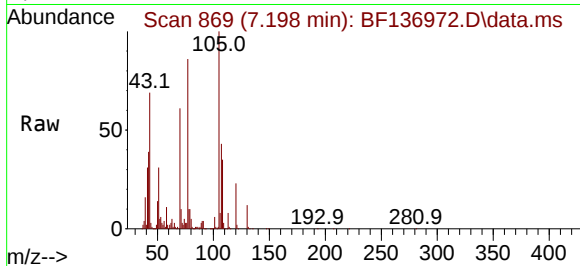


#19
n-Nitroso-di-n-propylamine
Concen: 40.154 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Tgt Ion: 70 Resp: 130341

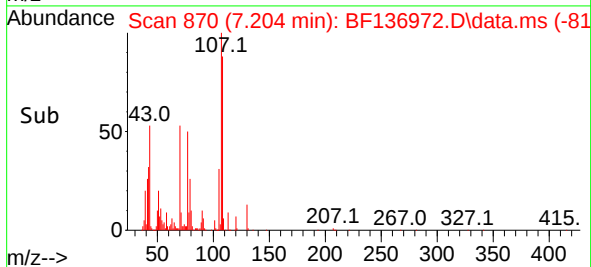
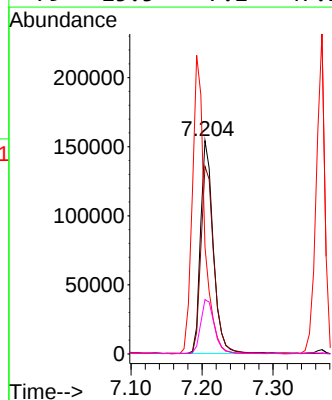
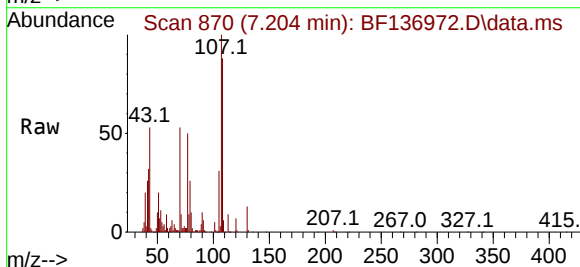
Ion	Ratio	Lower	Upper
70	100		
42	64.4	54.2	81.4
101	9.9	7.6	11.4
130	20.5	17.1	25.7

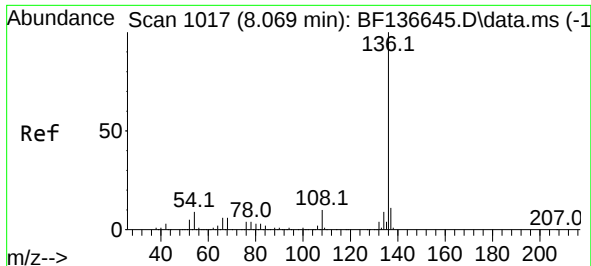


#20
3+4-Methylphenols
Concen: 41.132 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 107 Resp: 192519

Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.0	106.0
77	50.0	114.2	154.2#
79	25.5	7.2	47.2

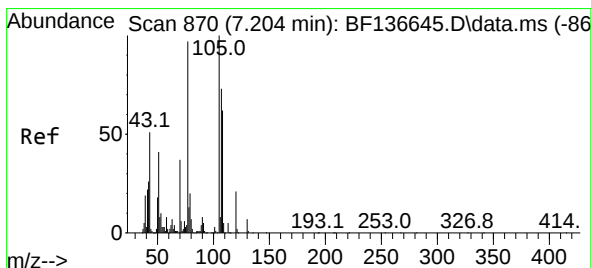
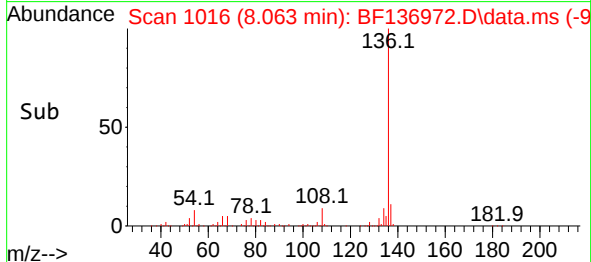
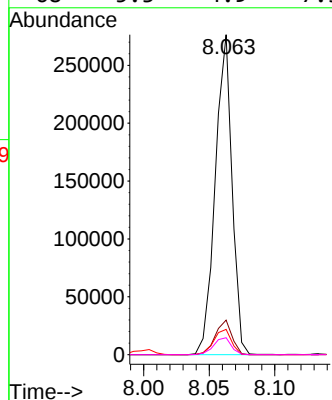
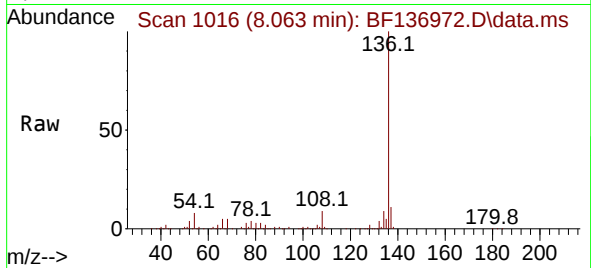




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

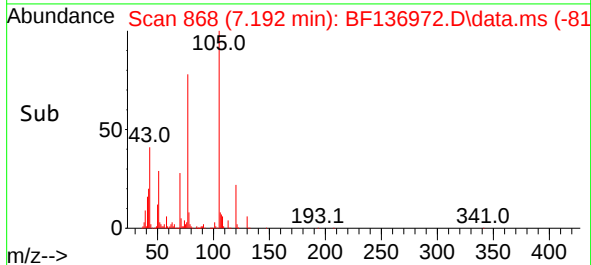
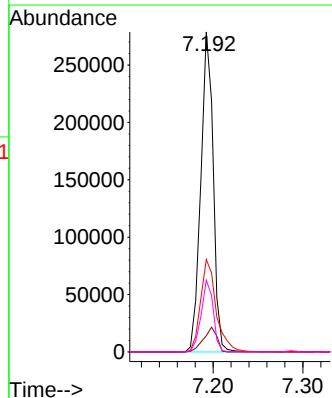
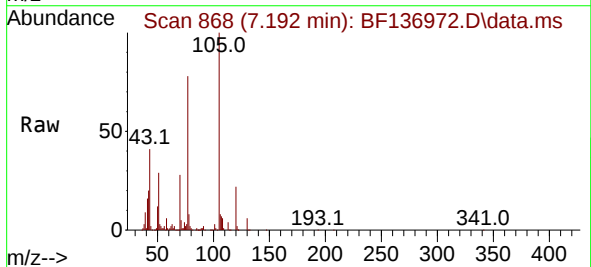
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

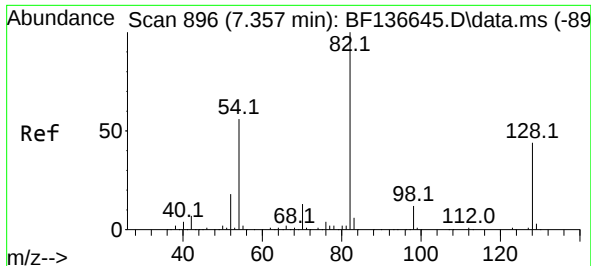
Tgt Ion:136	Resp:	245666
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	7.9	7.2 10.8
68	5.3	4.9 7.3



#22
Acetophenone
Concen: 43.488 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:105	Resp:	267781
Ion Ratio	Lower	Upper
105	100	
71	5.1	4.8 7.2
51	28.9	32.8 49.2#
120	22.5	17.0 25.6





#23

Nitrobenzene-d5

Concen: 60.324 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

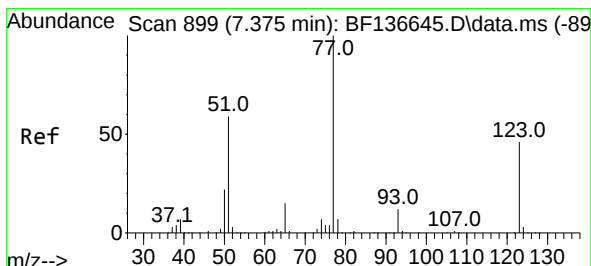
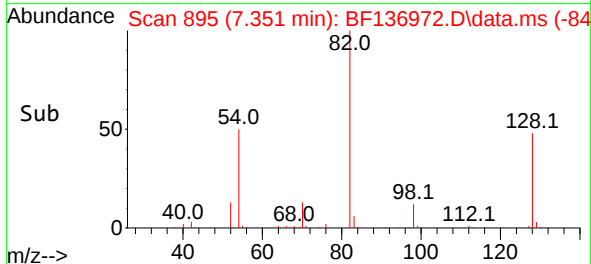
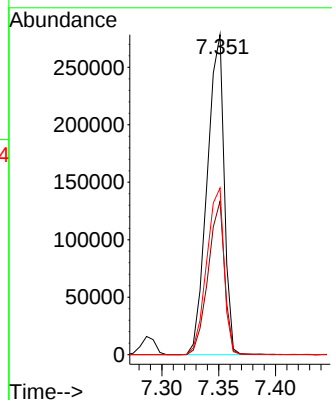
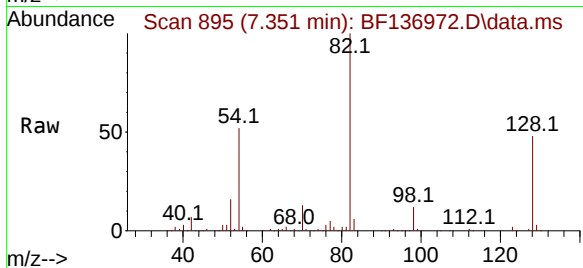
Tgt Ion: 82 Resp: 289608

Ion Ratio Lower Upper

82 100

128 48.0 35.3 52.9

54 52.1 44.5 66.7



#24

Nitrobenzene

Concen: 39.972 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

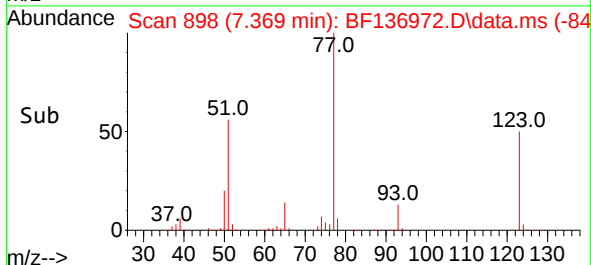
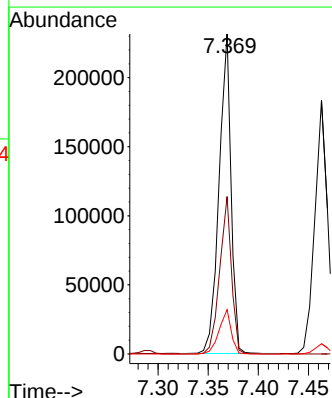
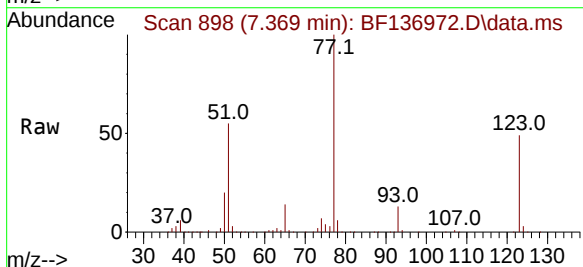
Tgt Ion: 77 Resp: 192235

Ion Ratio Lower Upper

77 100

123 49.2 36.7 55.1

65 13.9 11.8 17.6

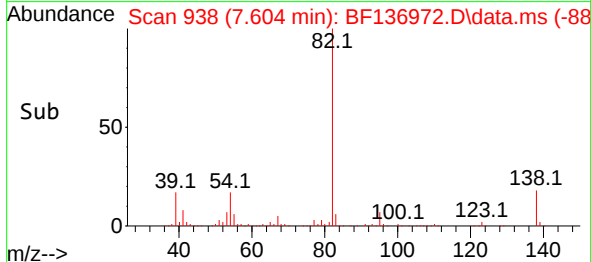
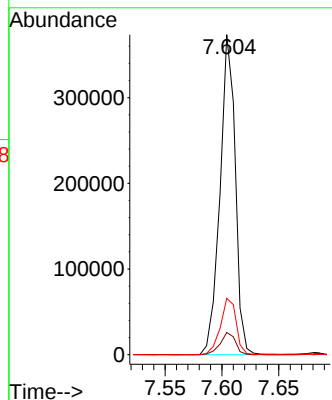
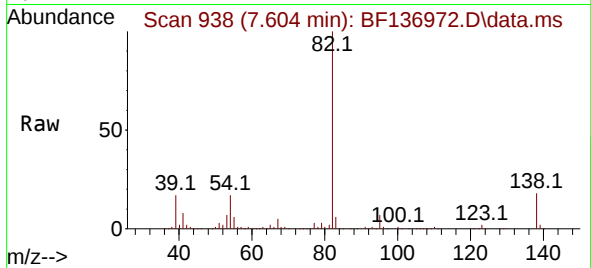




#25
Isophorone
Concen: 40.212 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

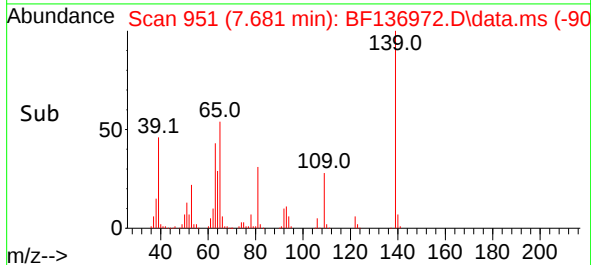
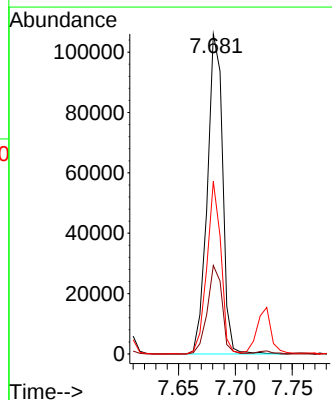
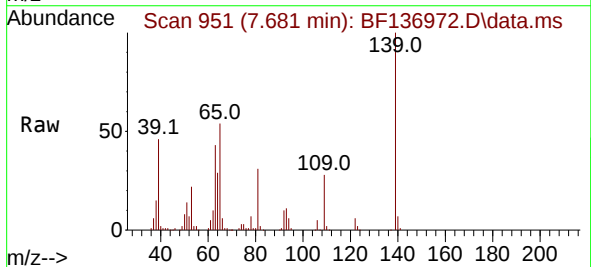
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

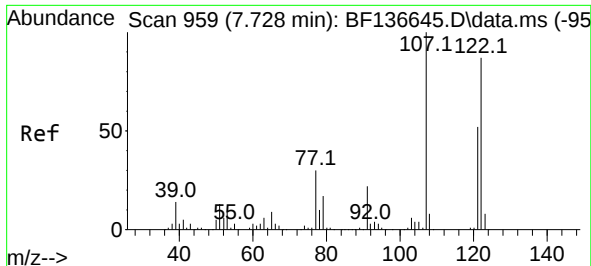
Tgt Ion: 82 Resp: 351282
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 43.096 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:139 Resp: 99162
Ion Ratio Lower Upper
139 100
109 27.7 21.9 32.9
65 53.9 38.6 58.0

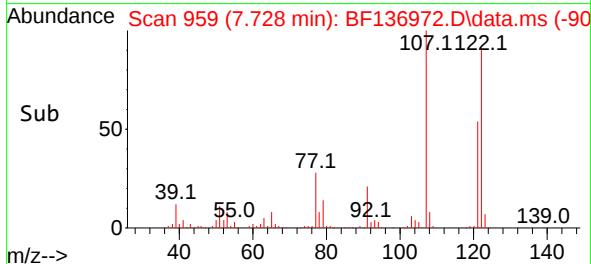
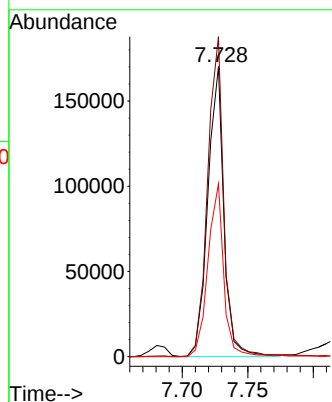
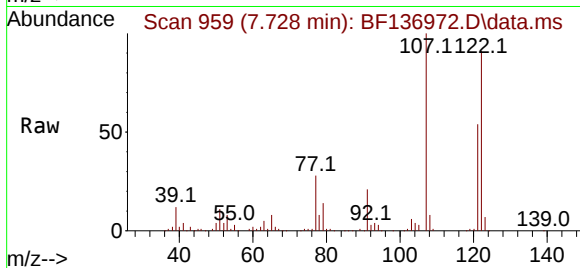




#27
2,4-Dimethylphenol
Concen: 51.736 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

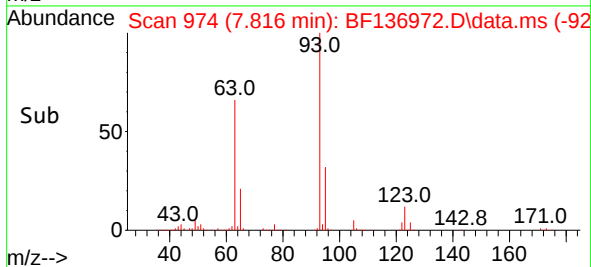
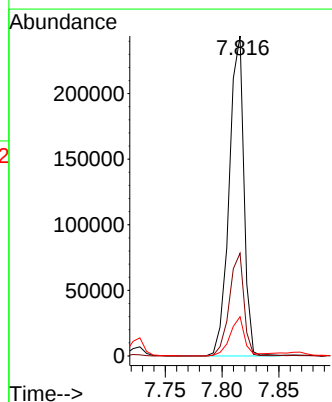
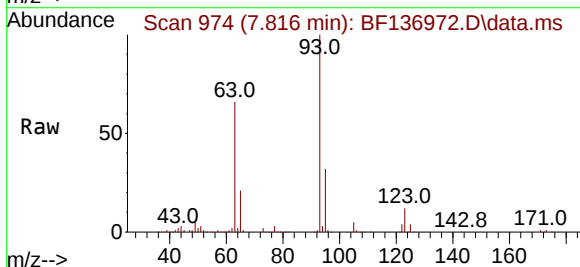
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Tgt Ion:122 Resp: 144926
Ion Ratio Lower Upper
122 100
107 110.3 92.0 138.0
121 59.6 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.478 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 93 Resp: 220246
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.181 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

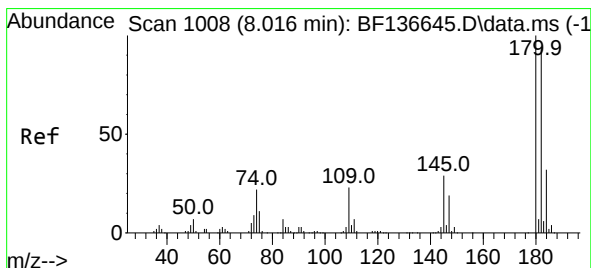
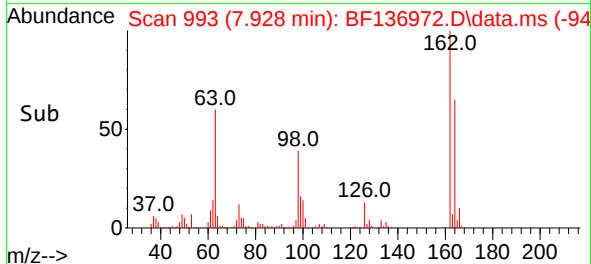
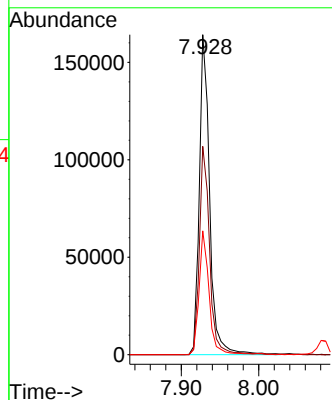
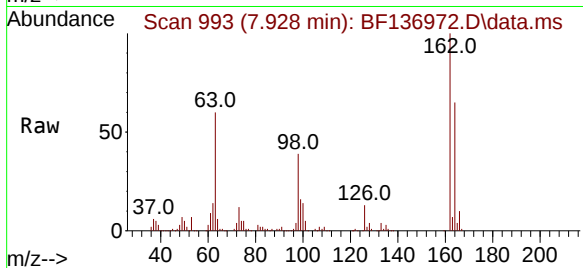
Tgt Ion:162 Resp: 152123

Ion Ratio Lower Upper

162 100

164 65.1 41.7 81.7

98 38.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.049 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

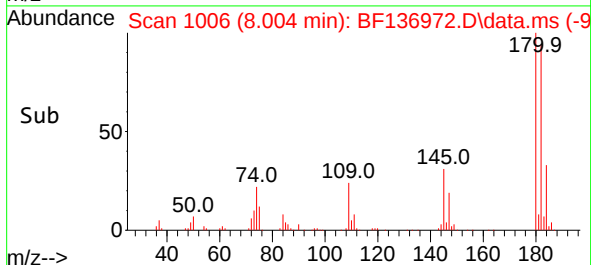
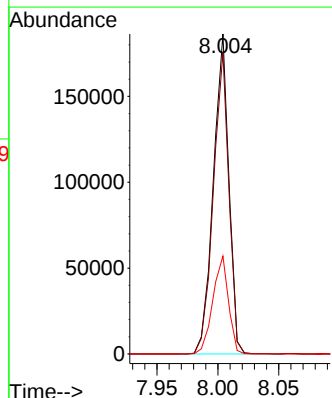
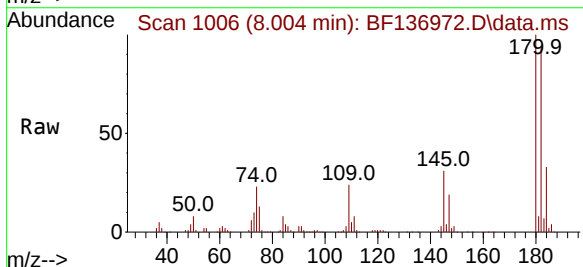
Tgt Ion:180 Resp: 164941

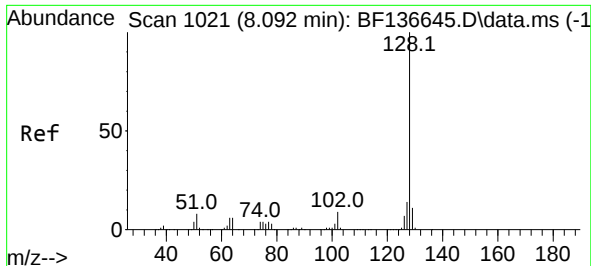
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 30.6 23.1 34.7

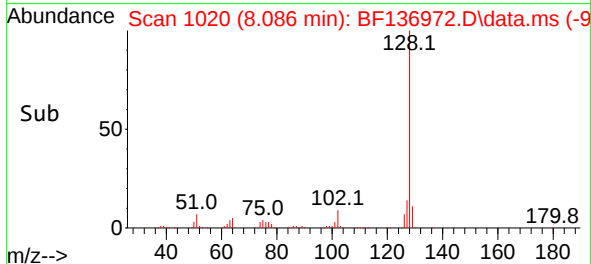
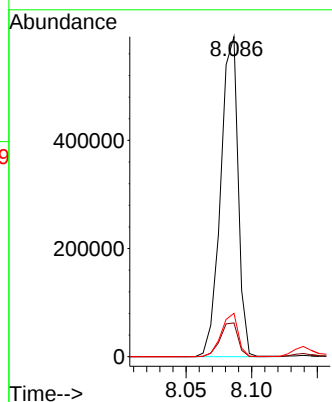
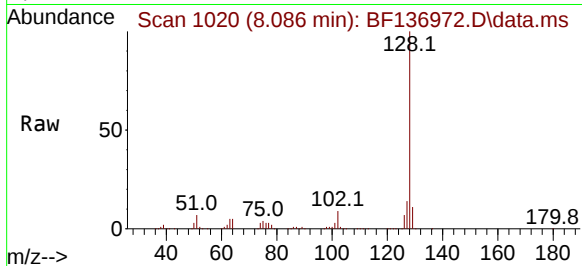




#31
Naphthalene
Concen: 40.656 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

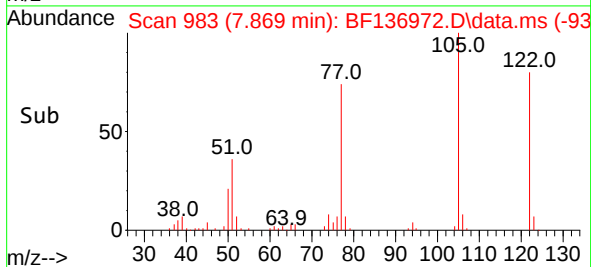
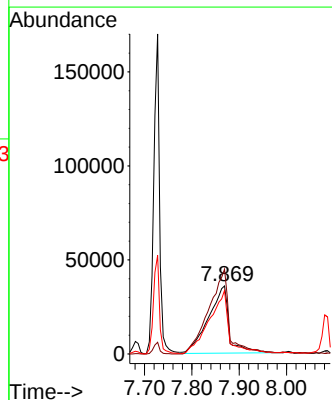
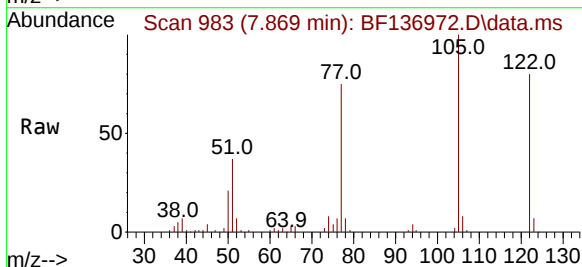
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

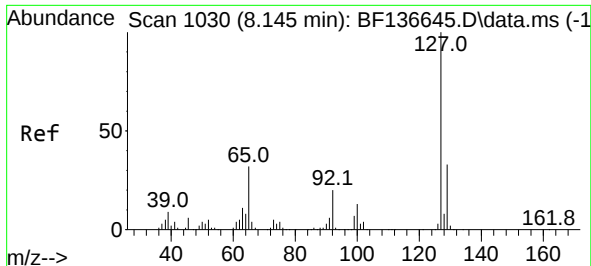
Tgt Ion:128 Resp: 548697
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 40.068 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:122 Resp: 108601
Ion Ratio Lower Upper
122 100
105 124.7 100.8 140.8
77 93.3 70.9 110.9

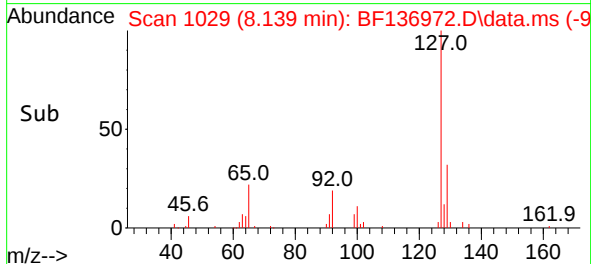
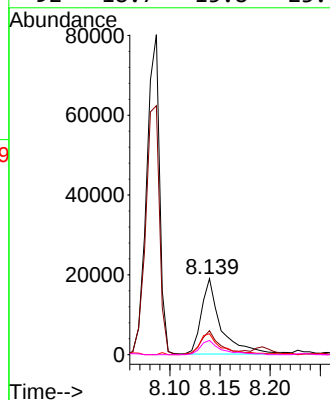
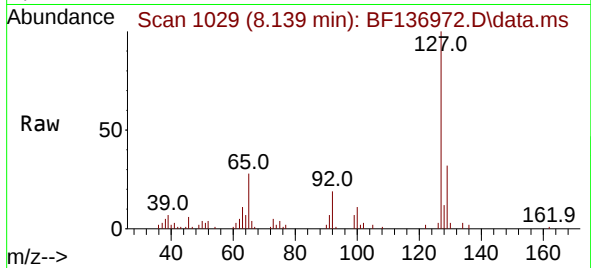




#33
4-Chloroaniline
Concen: 5.120 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

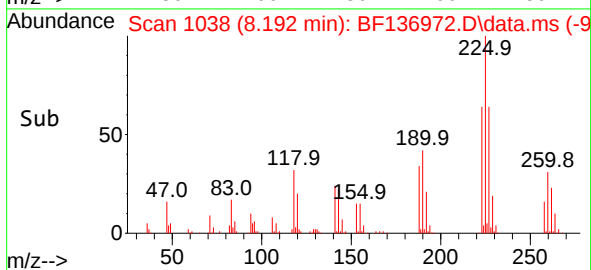
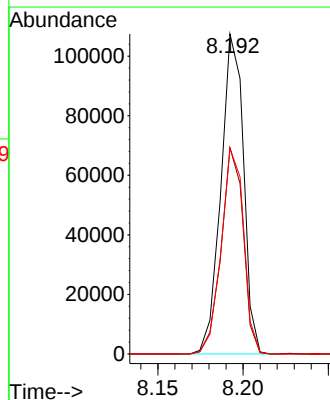
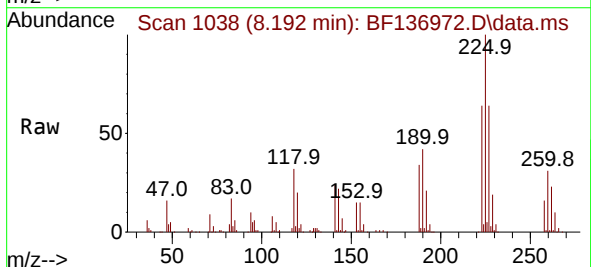
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

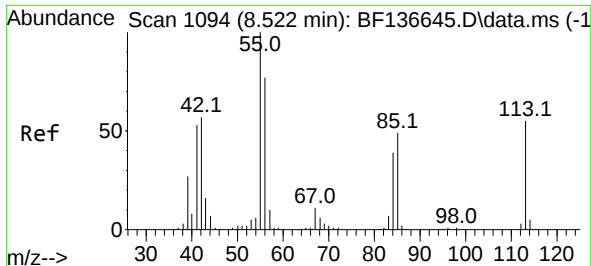
Tgt Ion:127	Resp:	25513
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.3 39.5
65	27.5	25.8 38.8
92	18.7	15.8 23.6



#34
Hexachlorobutadiene
Concen: 40.493 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:225	Resp:	98856
Ion Ratio	Lower	Upper
225	100	
223	64.5	50.6 76.0
227	64.3	51.9 77.9

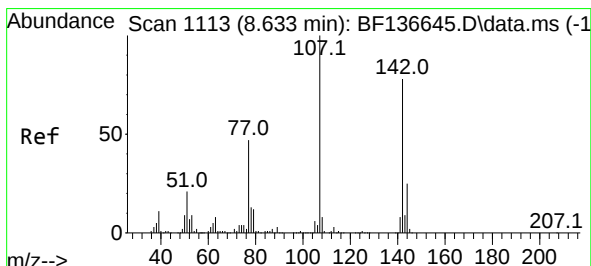
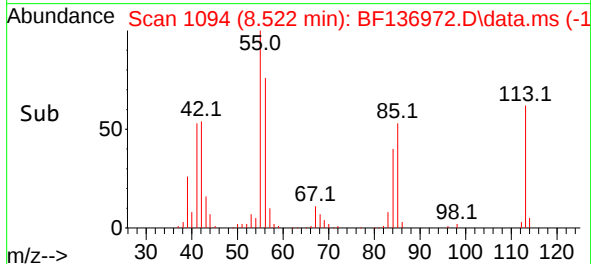
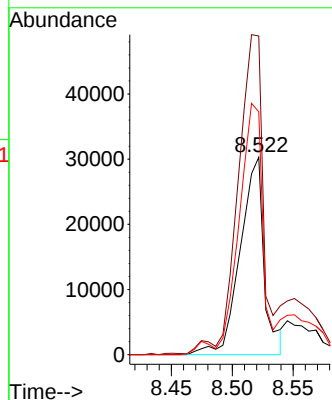
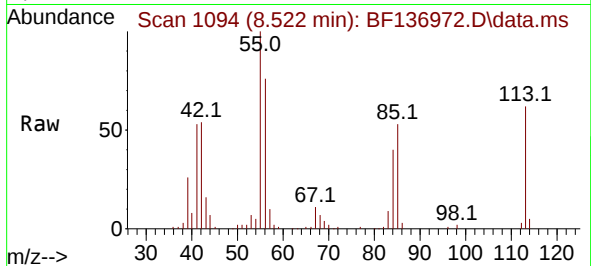




#35
Caprolactam
Concen: 34.699 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

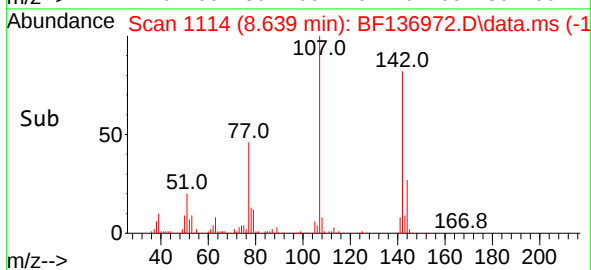
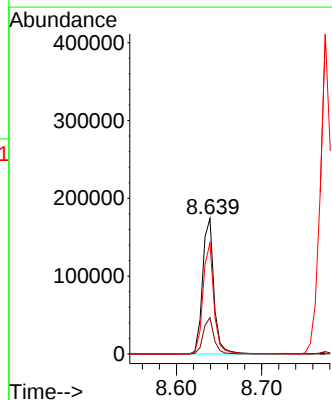
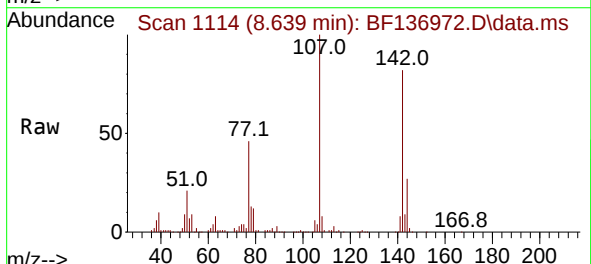
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

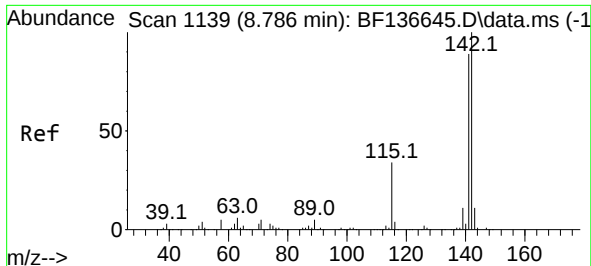
Tgt Ion:113 Resp: 41282
Ion Ratio Lower Upper
113 100
55 161.5 163.1 203.1#
56 123.1 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.741 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:107 Resp: 161347
Ion Ratio Lower Upper
107 100
144 26.8 20.2 30.2
142 81.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.209 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

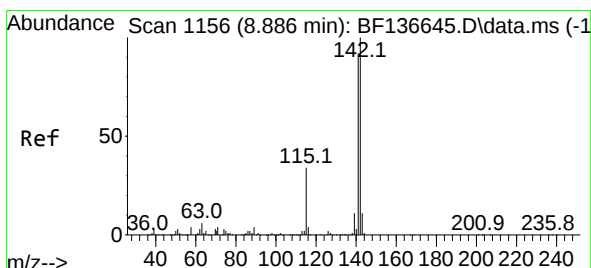
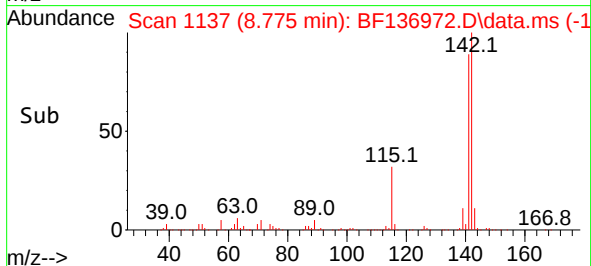
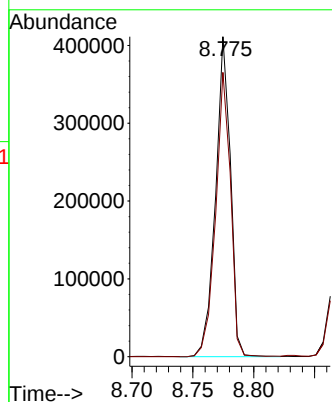
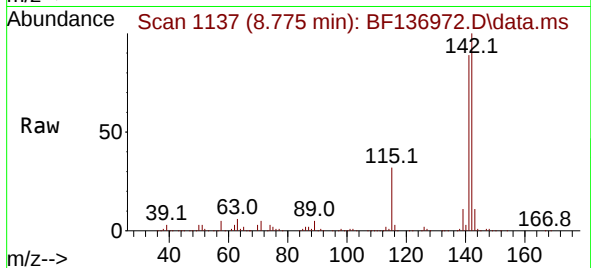
RBR200030MSD

Tgt Ion:142 Resp: 349249

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.519 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136972.D

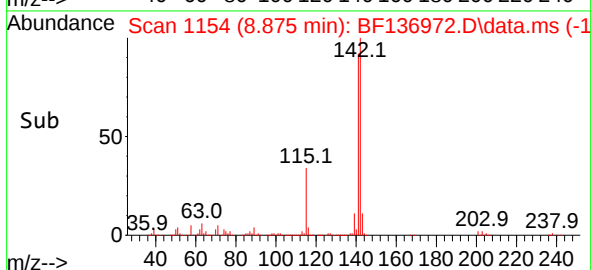
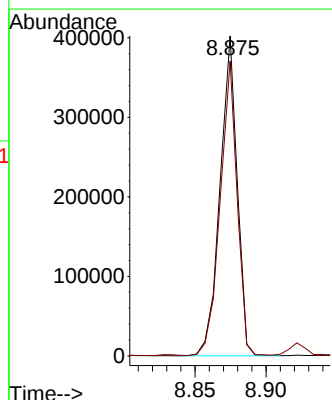
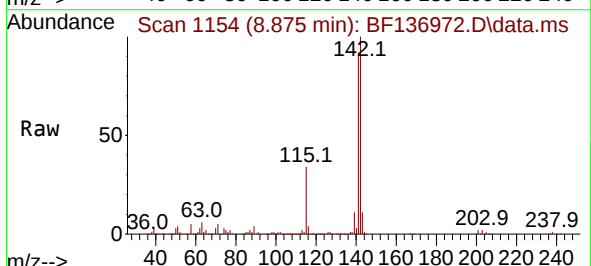
Acq: 05 Jan 2024 13:15

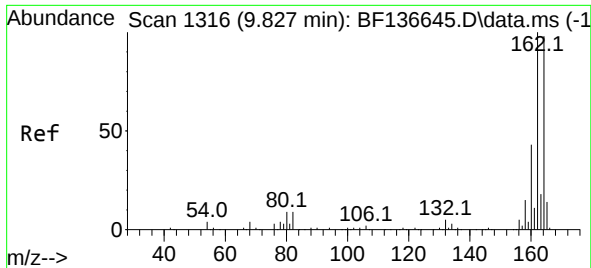
Tgt Ion:142 Resp: 336760

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4

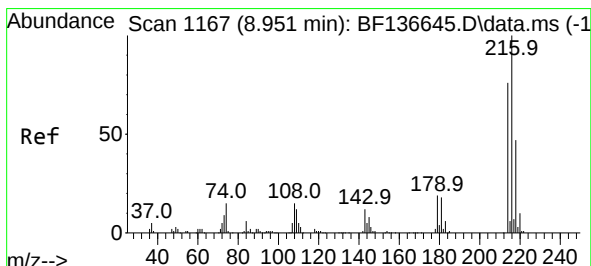
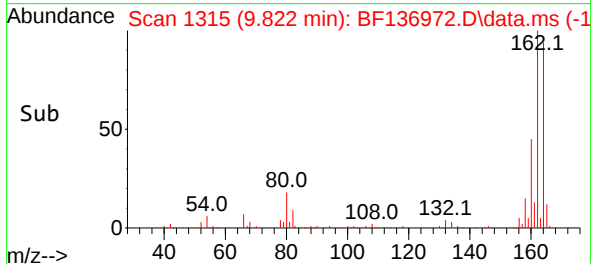
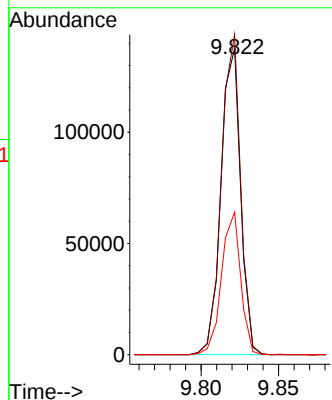
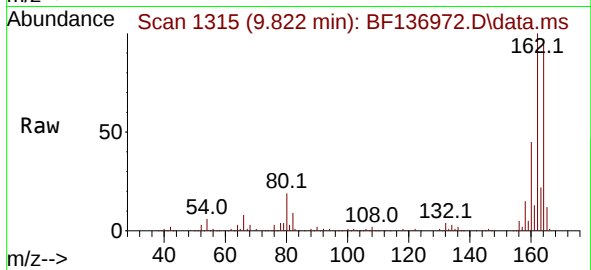




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

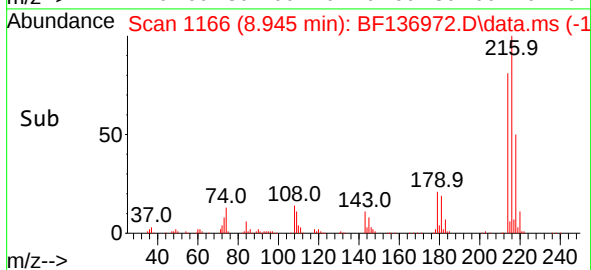
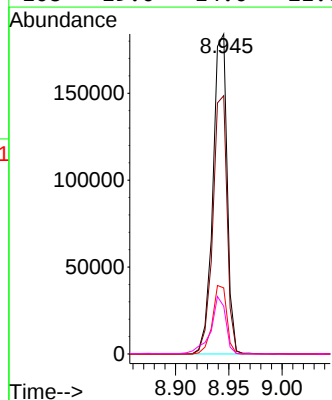
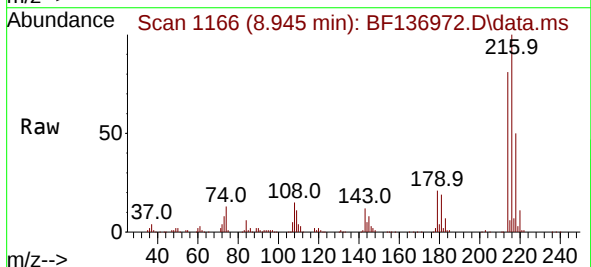
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

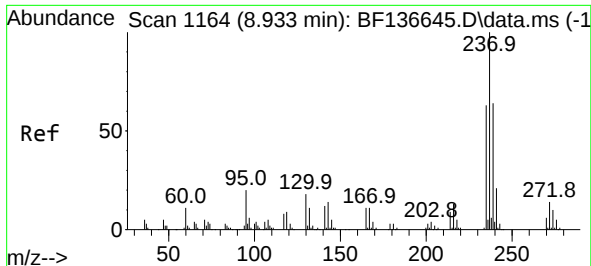
Tgt Ion:164 Resp: 121395
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 46.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.422 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:216 Resp: 170767
Ion Ratio Lower Upper
216 100
214 80.8 62.3 93.5
179 21.4 16.4 24.6
108 19.0 14.0 21.0

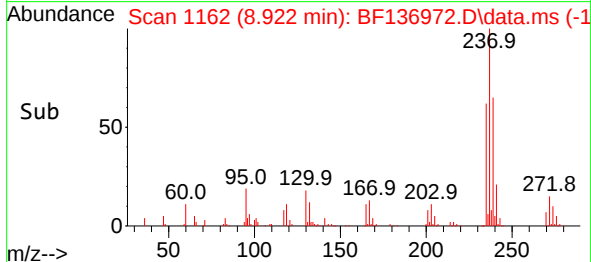
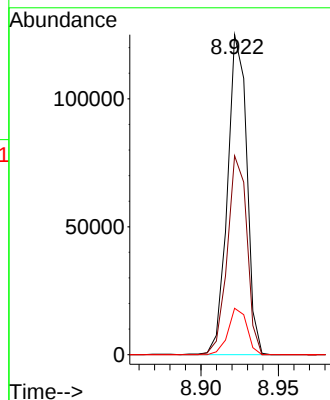
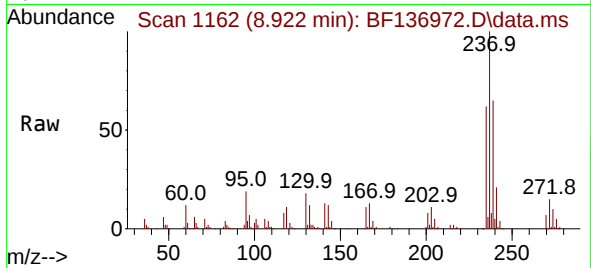




#41
Hexachlorocyclopentadiene
Concen: 89.865 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

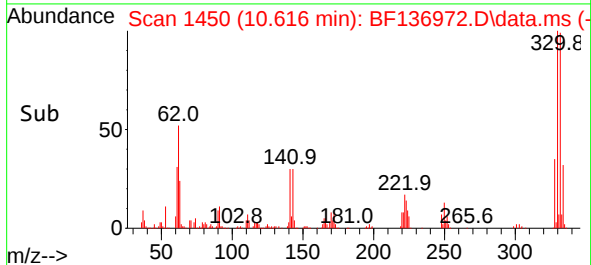
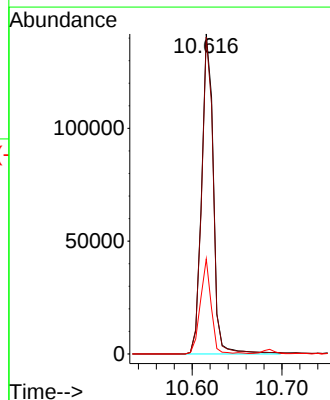
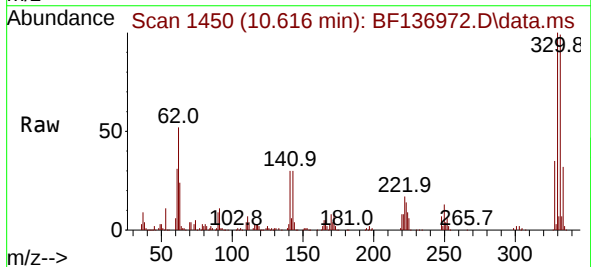
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Tgt Ion:237 Resp: 108493
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 14.5 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 89.784 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:330 Resp: 128364
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 27.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 43.407 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

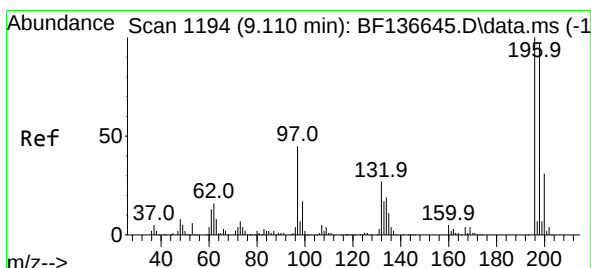
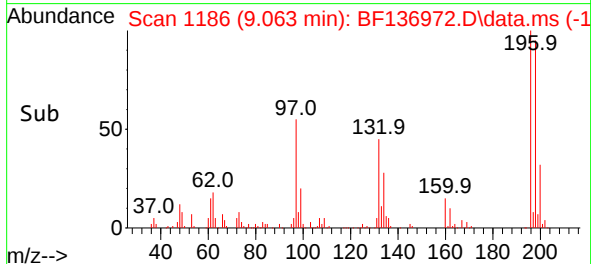
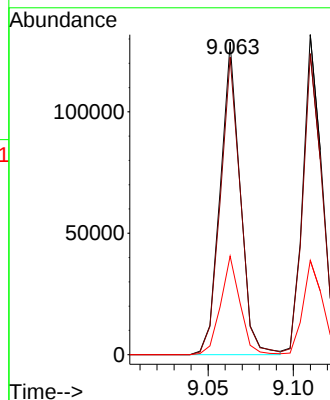
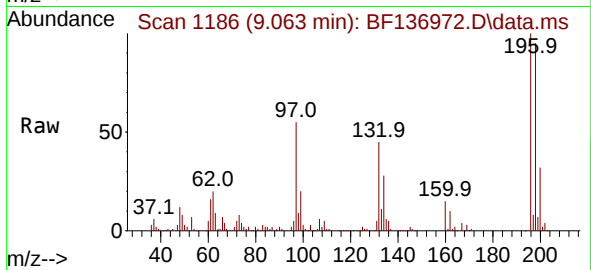
Tgt Ion:196 Resp: 104657

Ion Ratio Lower Upper

196 100

198 95.2 75.1 112.7

200 31.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.682 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Tgt Ion:196 Resp: 109305

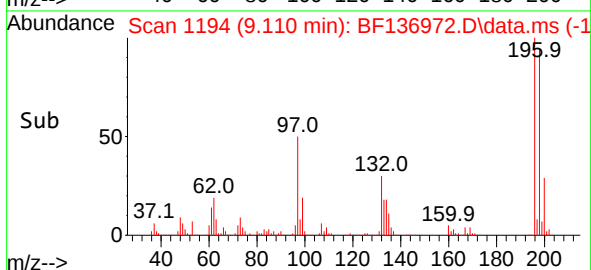
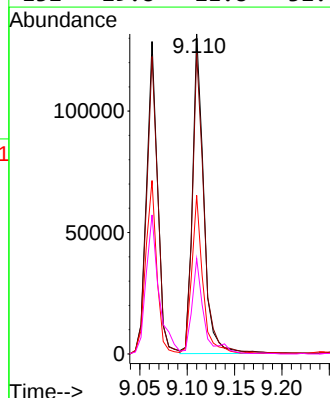
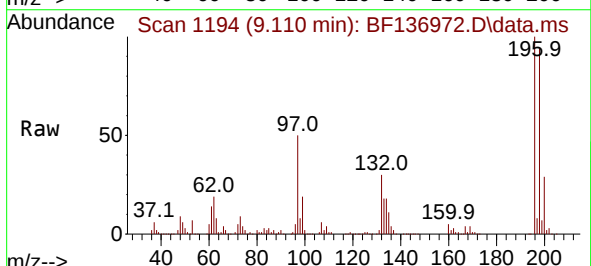
Ion Ratio Lower Upper

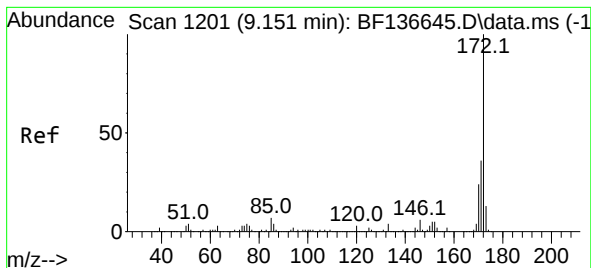
196 100

198 94.0 77.0 115.6

97 49.5 36.1 54.1

132 29.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 64.427 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

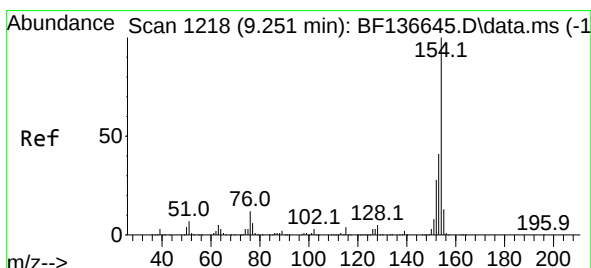
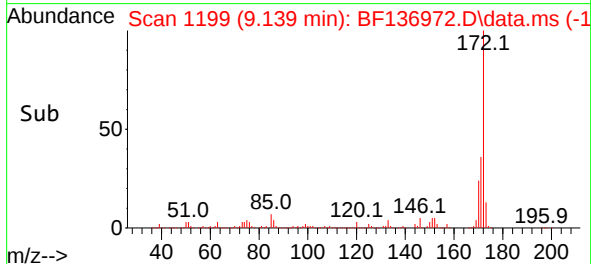
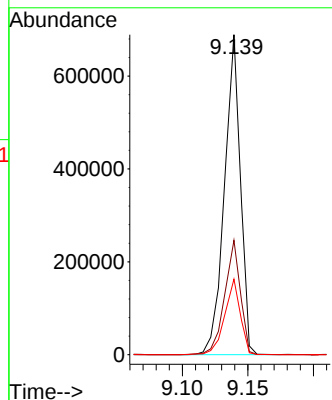
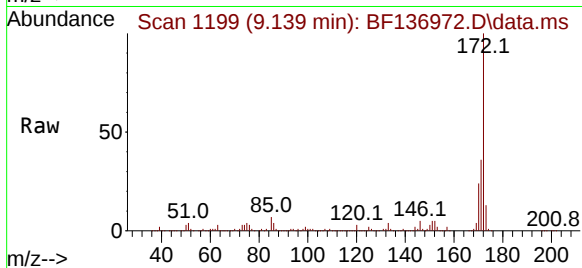
Tgt Ion:172 Resp: 581506

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.915 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

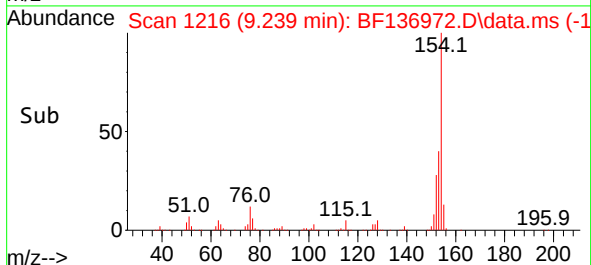
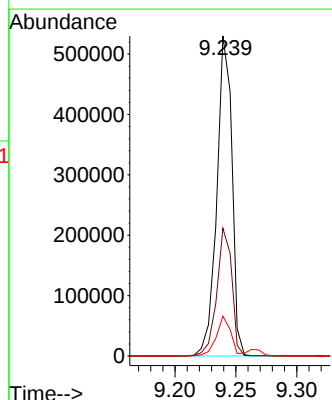
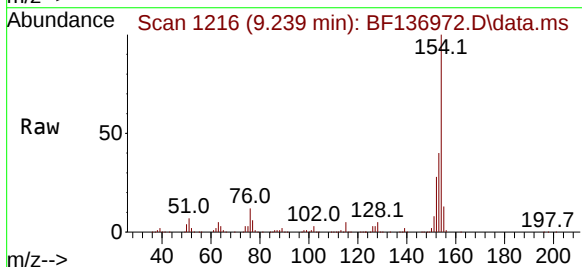
Tgt Ion:154 Resp: 457540

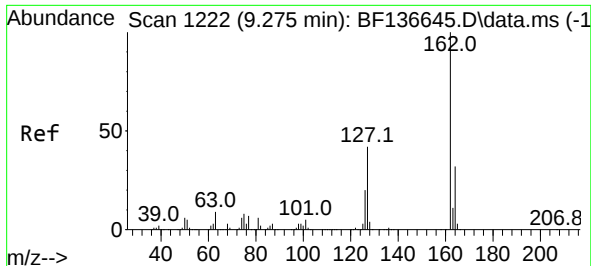
Ion Ratio Lower Upper

154 100

153 39.9 21.1 61.1

76 12.4 0.0 31.7

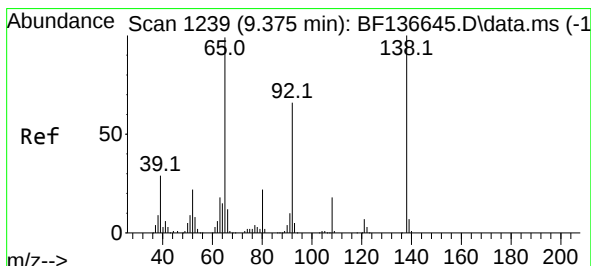
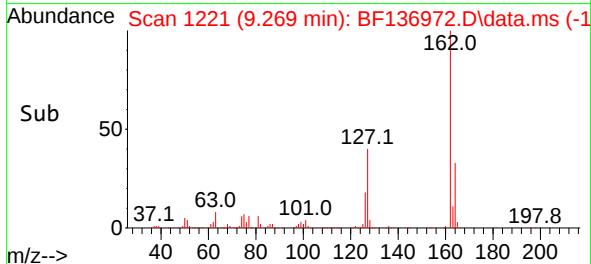
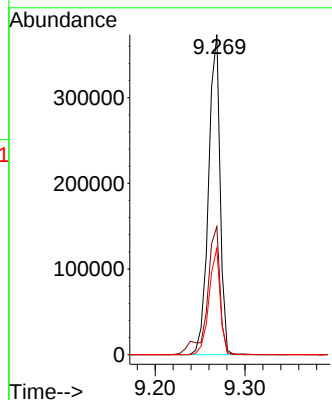
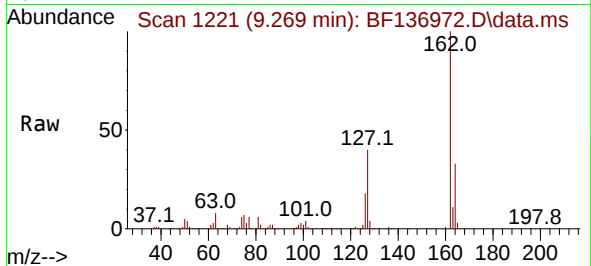




#47
2-Chloronaphthalene
Concen: 43.064 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

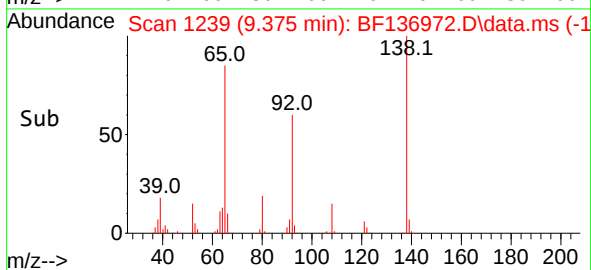
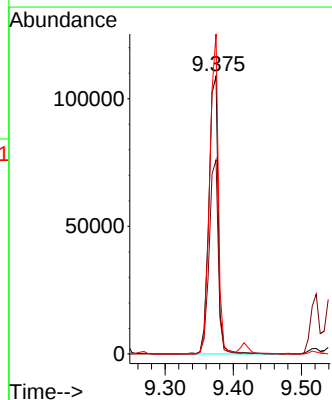
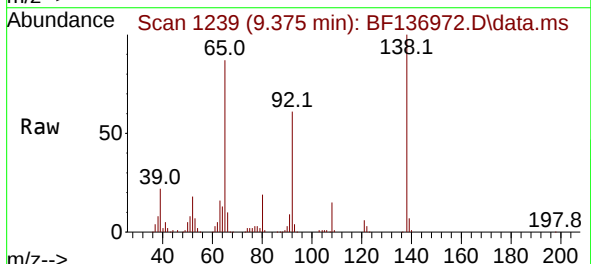
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

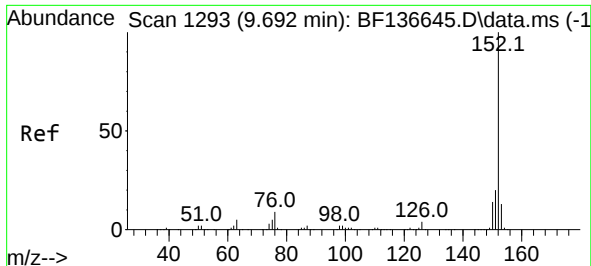
Tgt Ion:162 Resp: 333500
Ion Ratio Lower Upper
162 100
127 40.0 33.6 50.4
164 33.3 25.7 38.5



#48
2-Nitroaniline
Concen: 42.599 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion: 65 Resp: 103307
Ion Ratio Lower Upper
65 100
92 69.9 53.2 79.8
138 115.2 81.1 121.7





#49

Acenaphthylene

Concen: 46.058 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

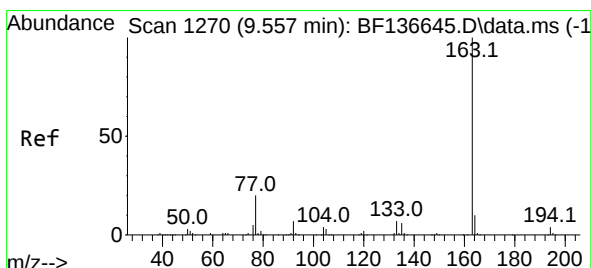
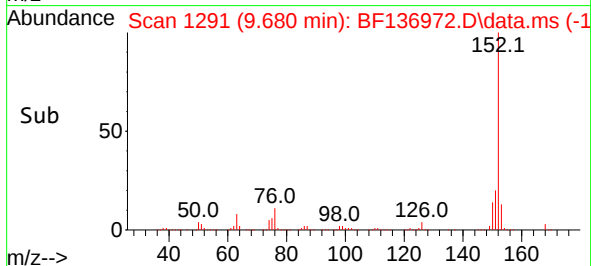
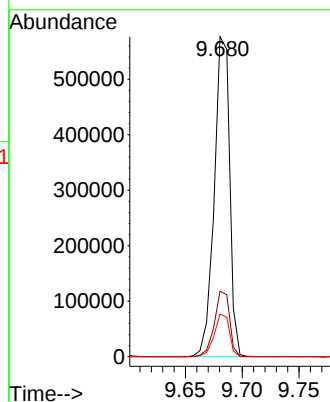
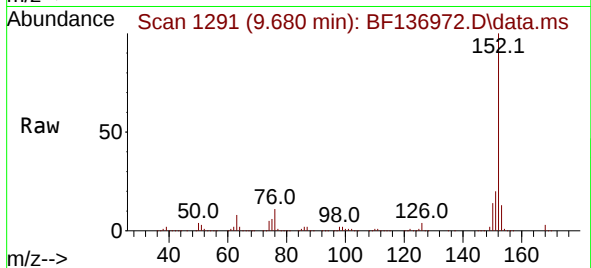
Tgt Ion:152 Resp: 545191

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.3 10.2 15.2



#50

Dimethylphthalate

Concen: 42.630 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

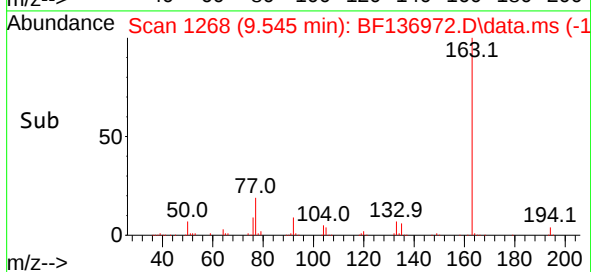
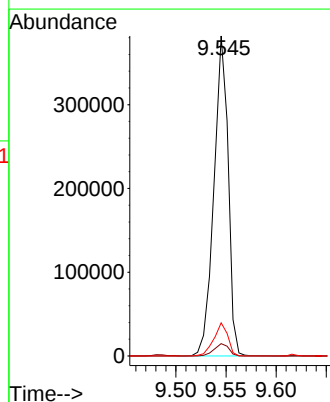
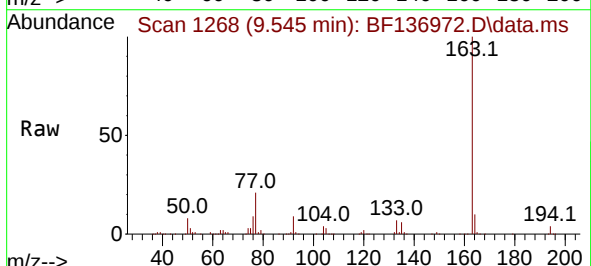
Tgt Ion:163 Resp: 377999

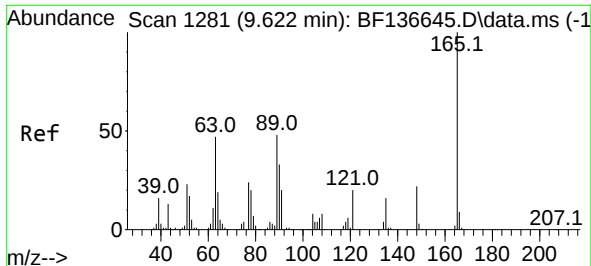
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.4 7.8 11.6

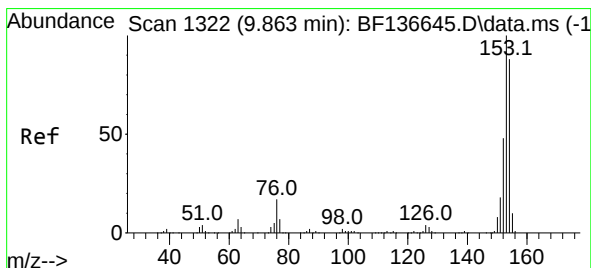
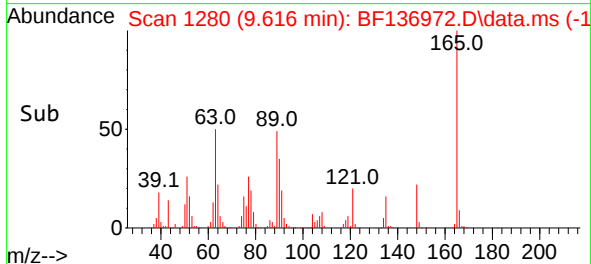
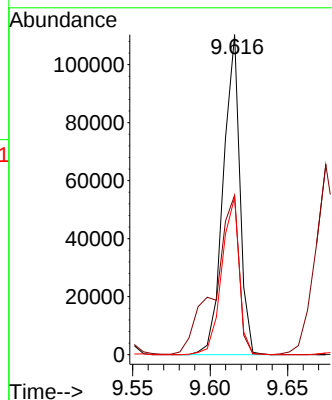
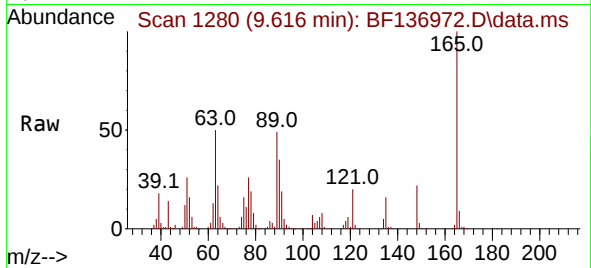




#51
2,6-Dinitrotoluene
Concen: 40.845 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

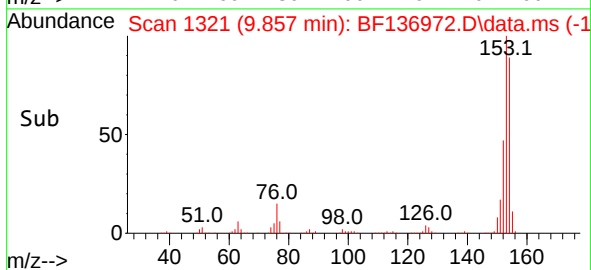
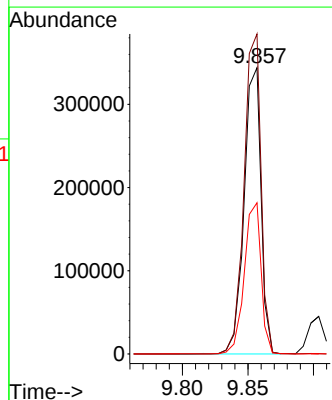
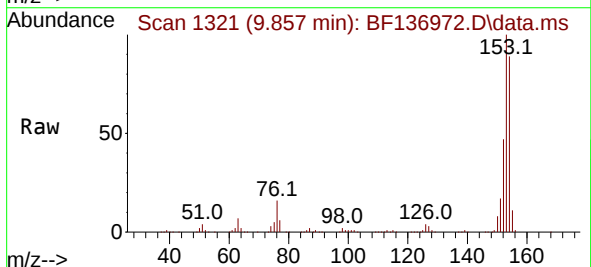
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

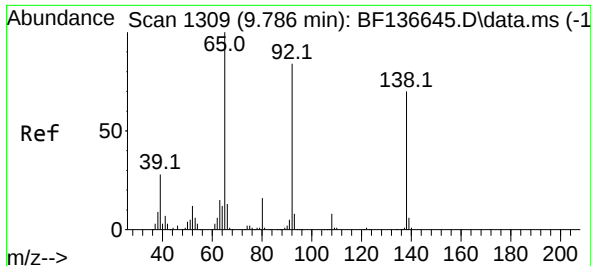
Tgt Ion:165 Resp: 82196
Ion Ratio Lower Upper
165 100
63 49.9 39.8 59.6
89 49.2 38.8 58.2



#52
Acenaphthene
Concen: 42.185 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:154 Resp: 309535
Ion Ratio Lower Upper
154 100
153 111.8 90.7 136.1
152 52.8 43.7 65.5

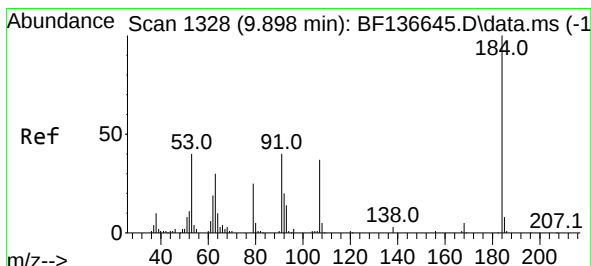
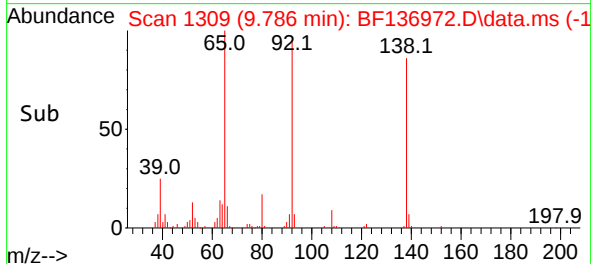
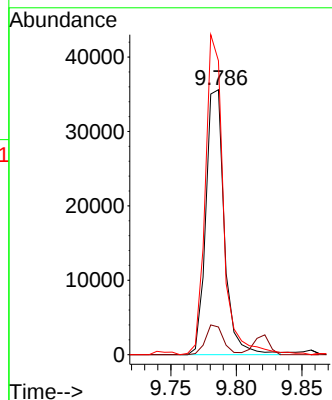
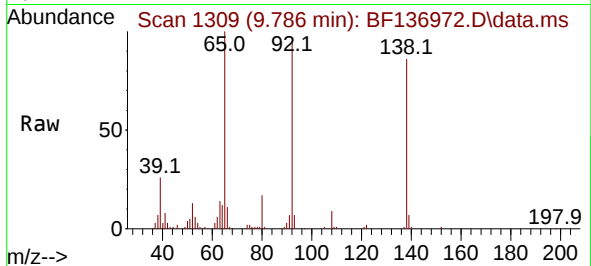




#53
3-Nitroaniline
Concen: 16.472 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

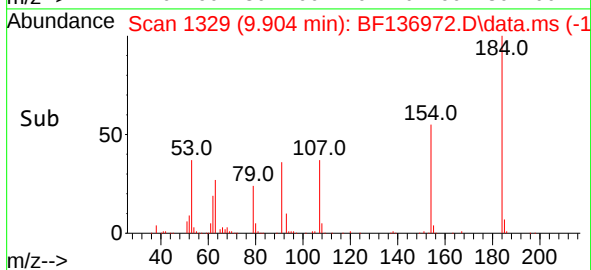
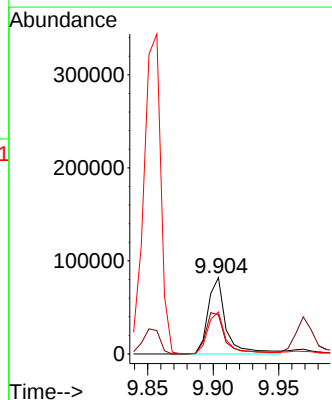
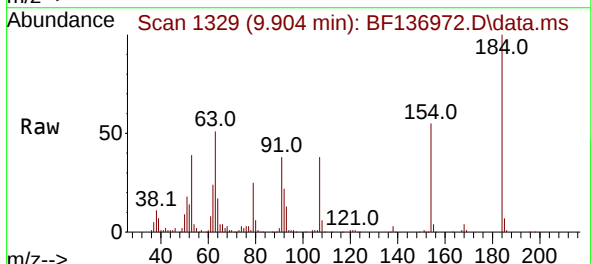
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

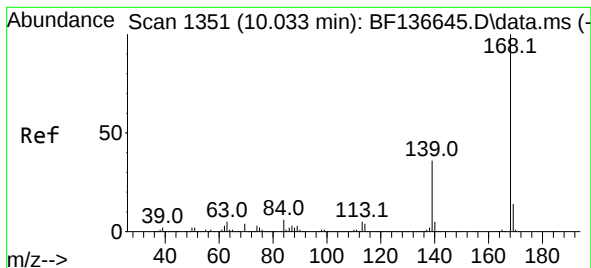
Tgt Ion:138 Resp: 35114
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 110.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 70.942 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:184 Resp: 78627
Ion Ratio Lower Upper
184 100
63 51.5 40.9 61.3
154 55.2 42.7 64.1





#55

Dibenzenofuran

Concen: 41.623 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

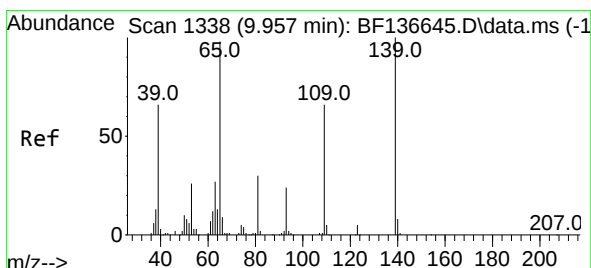
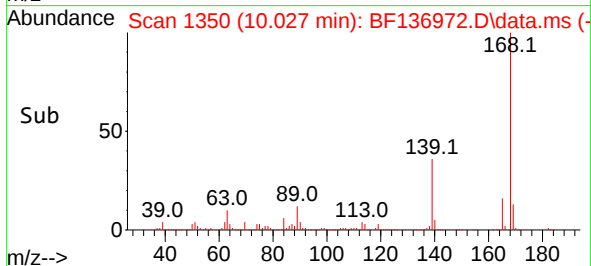
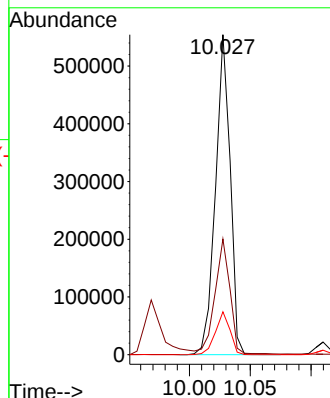
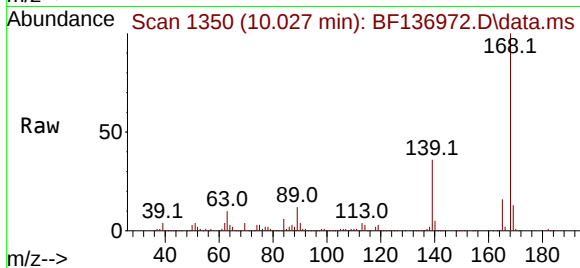
Tgt Ion:168 Resp: 462956

Ion Ratio Lower Upper

168 100

139 36.2 29.3 43.9

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 65.902 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

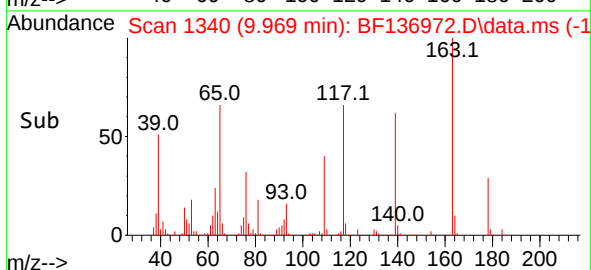
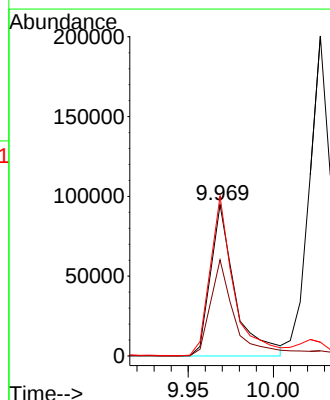
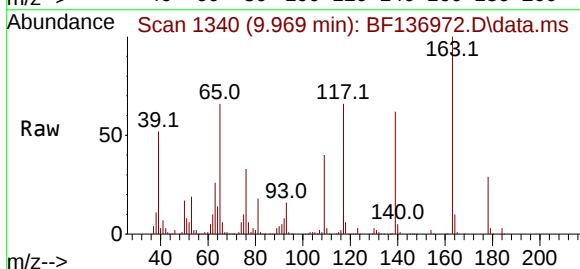
Tgt Ion:139 Resp: 94836

Ion Ratio Lower Upper

139 100

109 63.5 45.8 85.8

65 105.6 77.8 117.8

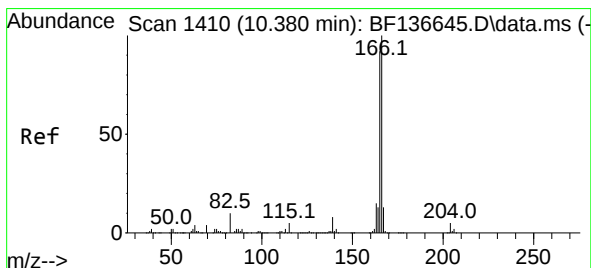
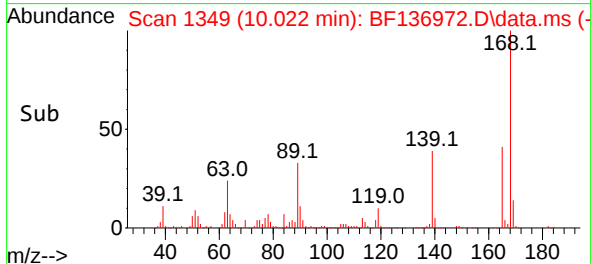
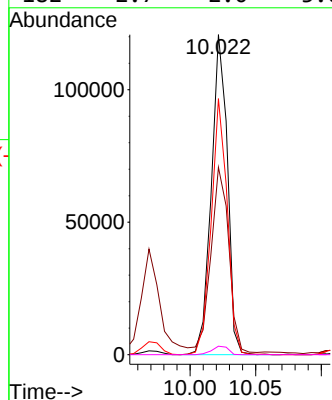
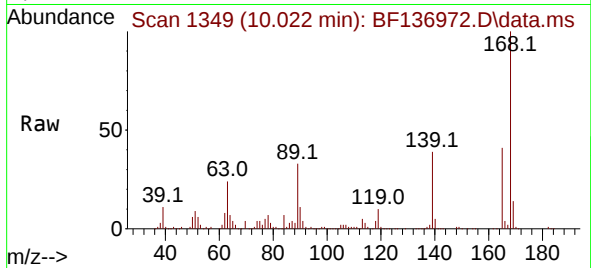




#57
2,4-Dinitrotoluene
Concen: 39.383 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

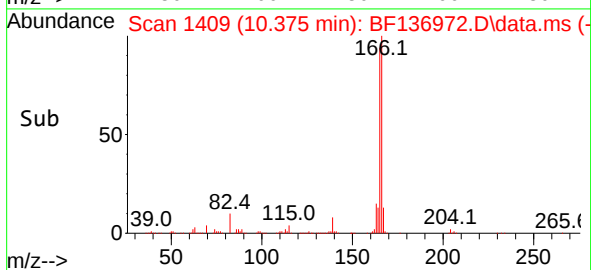
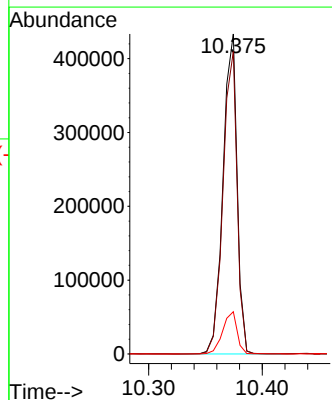
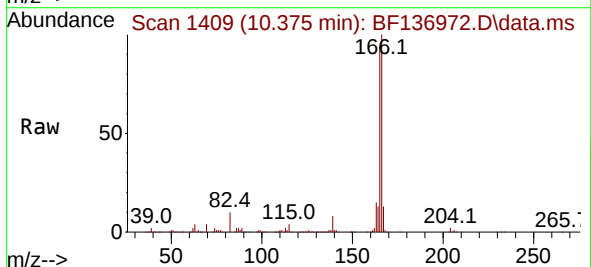
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Tgt Ion:165 Resp: 102887
Ion Ratio Lower Upper
165 100
63 58.5 41.0 61.6
89 80.0 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.576 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:166 Resp: 375749
Ion Ratio Lower Upper
166 100
165 94.5 73.7 110.5
167 13.2 10.4 15.6

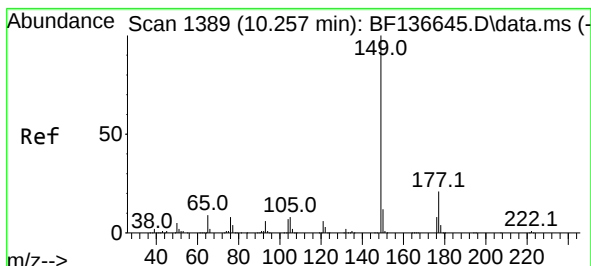
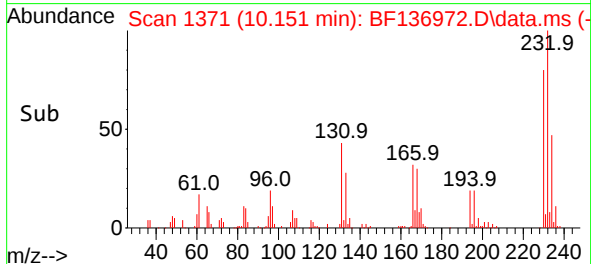
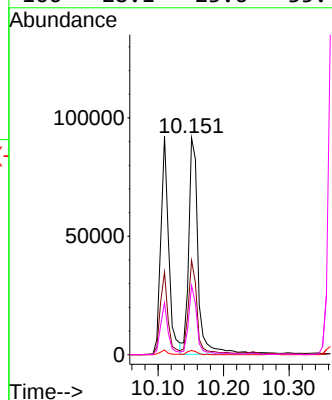
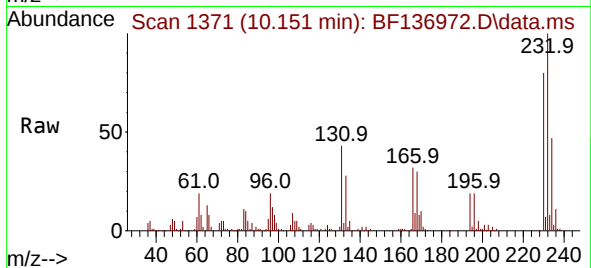




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.624 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

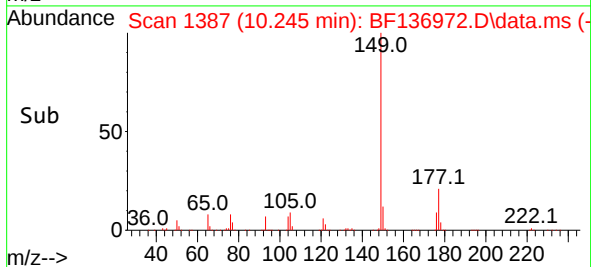
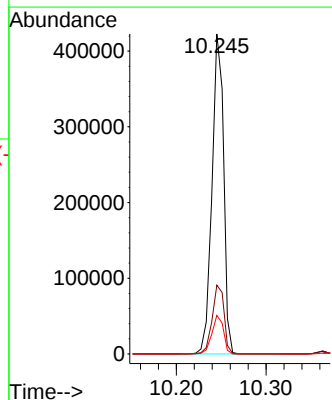
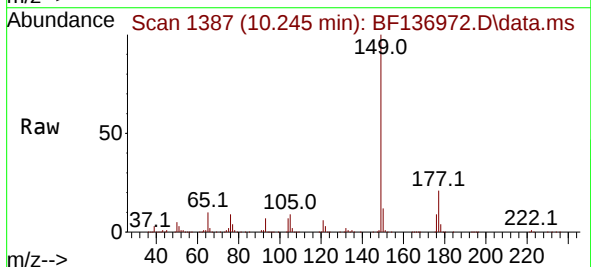
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

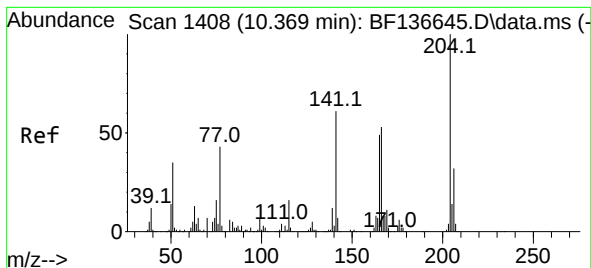
Tgt Ion:232 Resp: 90224
Ion Ratio Lower Upper
232 100
131 39.3 35.1 52.7
130 2.0 1.6 2.4
166 28.1 23.6 35.4



#60
Diethylphthalate
Concen: 41.222 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:149 Resp: 379244
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.0 9.3 13.9

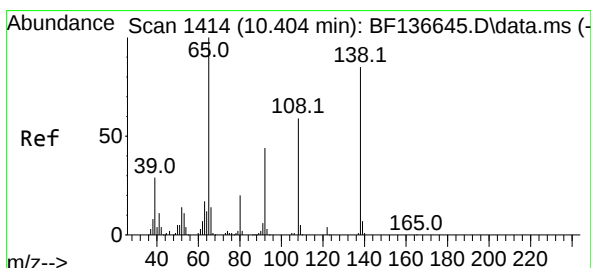
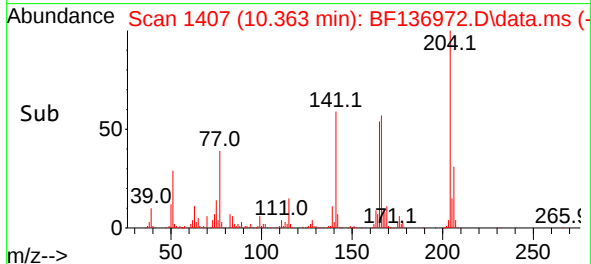
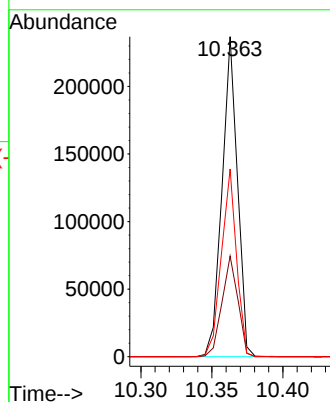
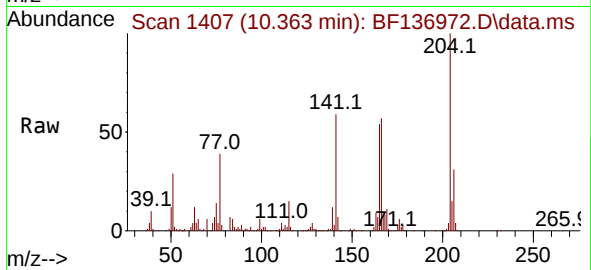




#61
4-Chlorophenyl-phenylether
Concen: 41.605 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

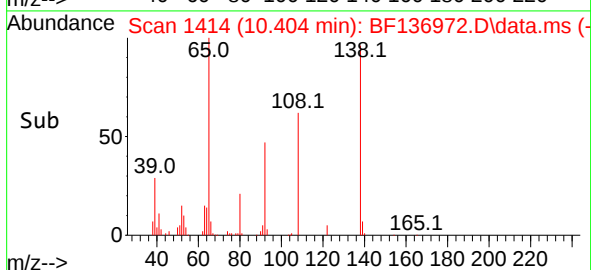
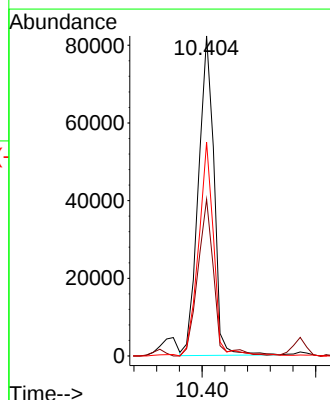
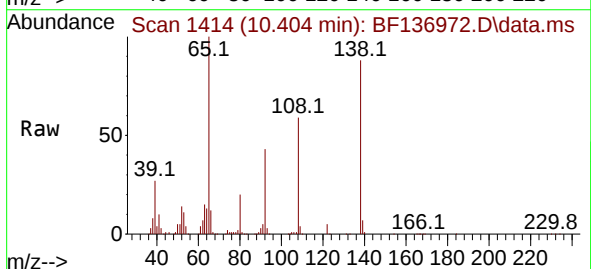
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

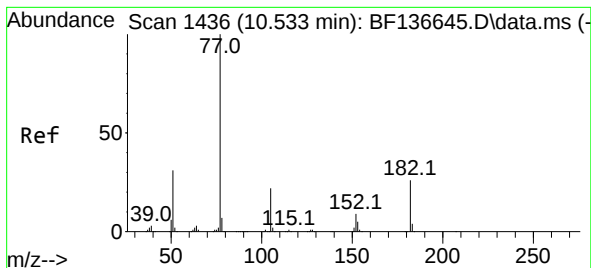
Tgt Ion:204 Resp: 178473
Ion Ratio Lower Upper
204 100
206 31.5 25.6 38.4
141 58.7 48.4 72.6



#62
4-Nitroaniline
Concen: 38.232 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:138 Resp: 78568
Ion Ratio Lower Upper
138 100
92 49.0 32.1 72.1
108 66.8 50.1 90.1





#63

Azobenzene

Concen: 41.080 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

Tgt Ion: 77 Resp: 352999

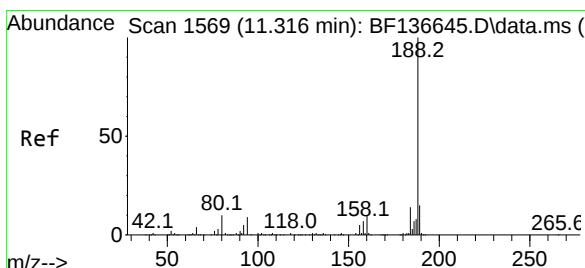
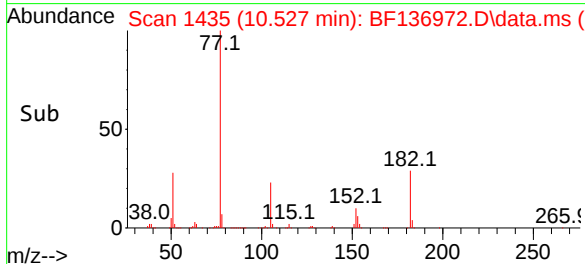
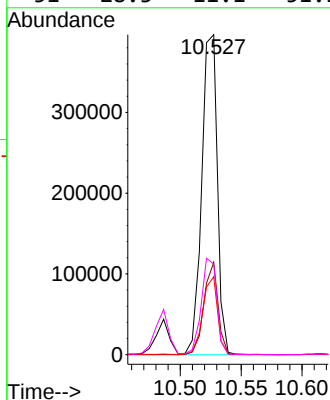
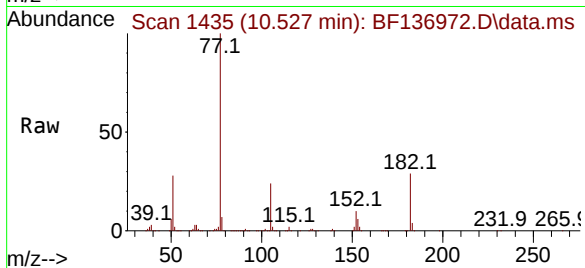
Ion Ratio Lower Upper

77 100

182 28.9 6.0 46.0

105 24.4 2.3 42.3

51 28.3 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: BF136972.D

Acq: 05 Jan 2024 13:15

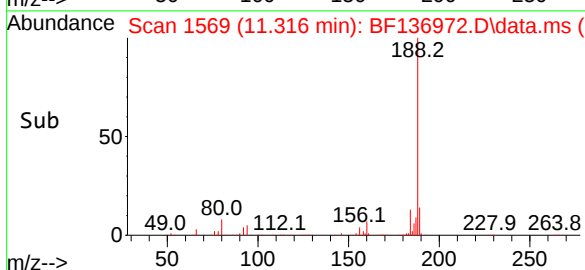
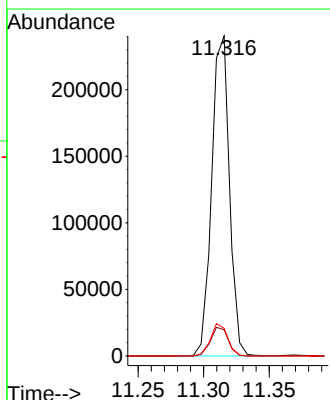
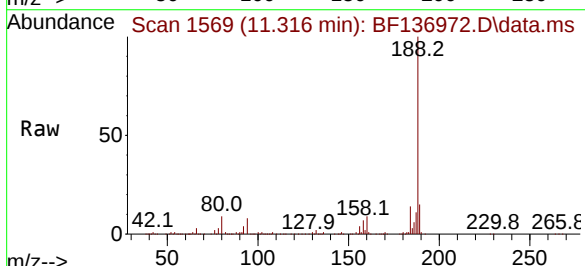
Tgt Ion: 188 Resp: 226201

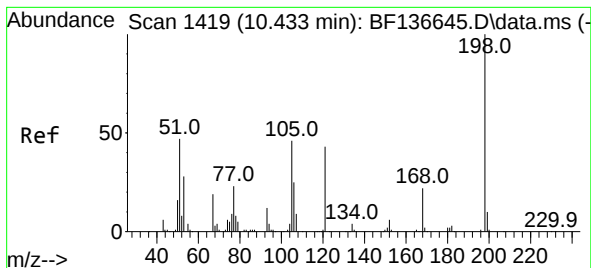
Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.7 8.1 12.1

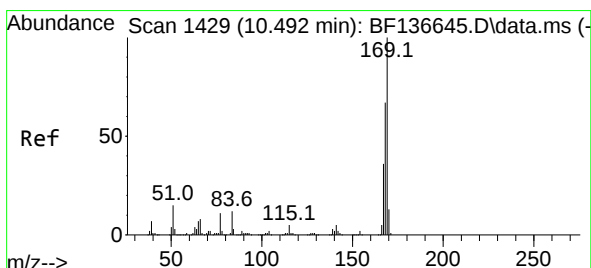
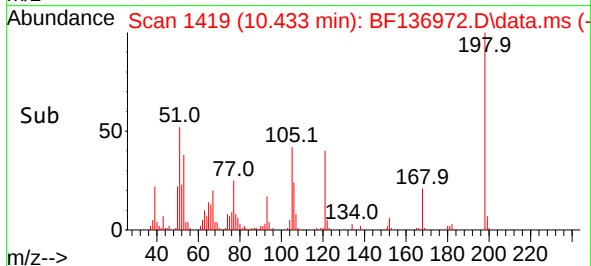
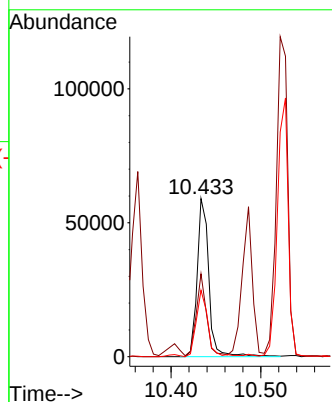
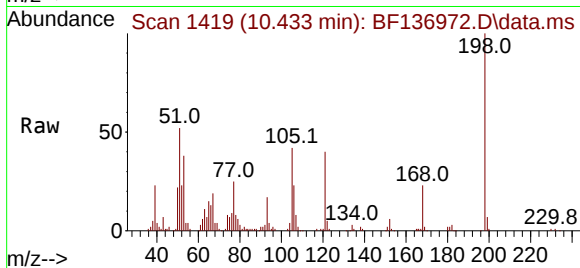




#65
4,6-Dinitro-2-methylphenol
Concen: 41.297 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

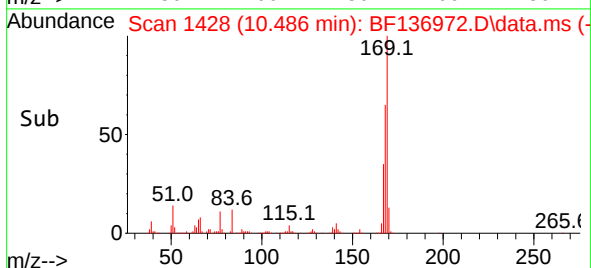
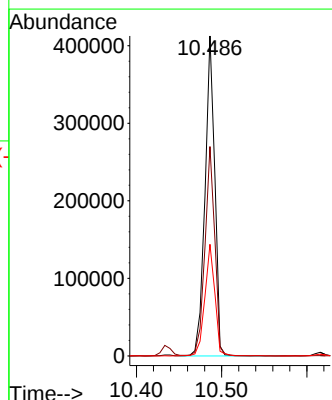
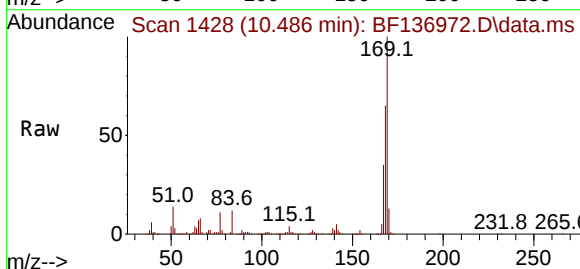
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

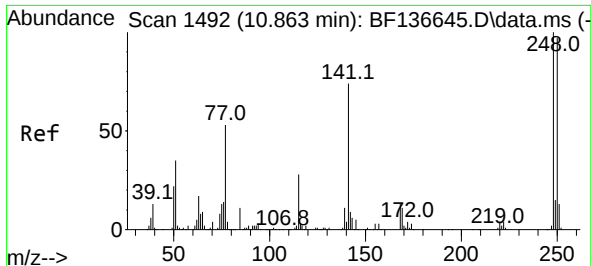
Tgt Ion:198 Resp: 53536
Ion Ratio Lower Upper
198 100
51 52.5 34.1 74.1
105 42.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.499 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:169 Resp: 326981
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 34.9 28.7 43.1

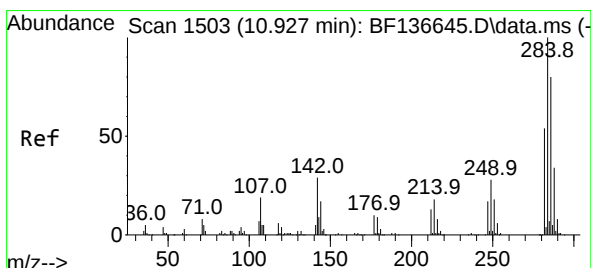
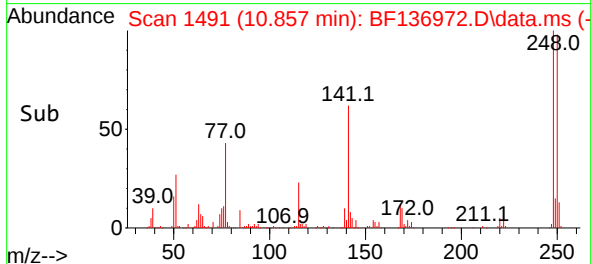
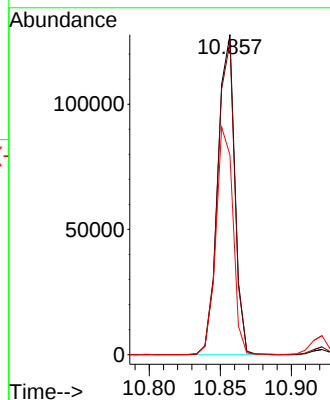
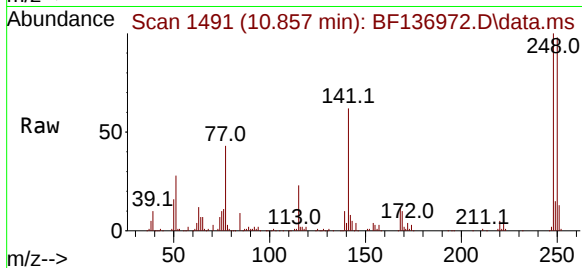




#67
4-Bromophenyl-phenylether
Concen: 42.162 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

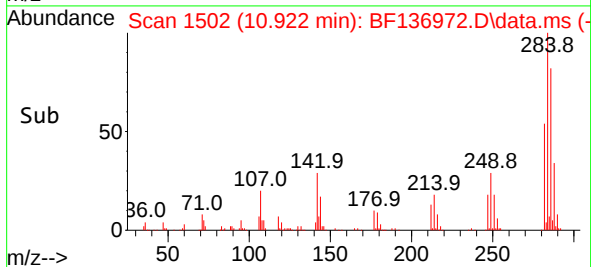
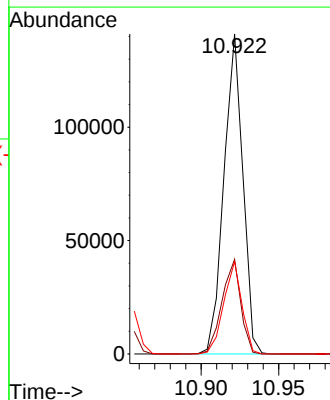
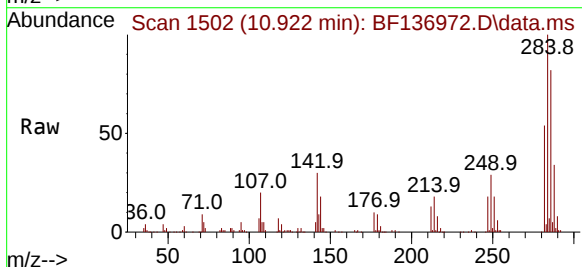
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

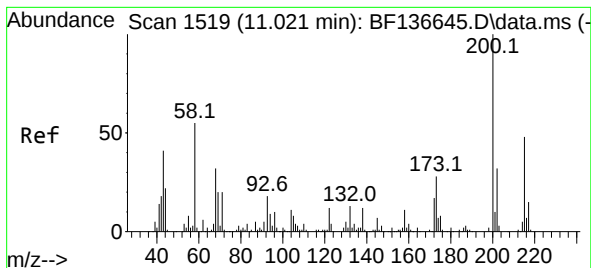
Tgt Ion:248 Resp: 105917
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 62.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.726 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:284 Resp: 119613
Ion Ratio Lower Upper
284 100
142 29.6 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 53.467 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

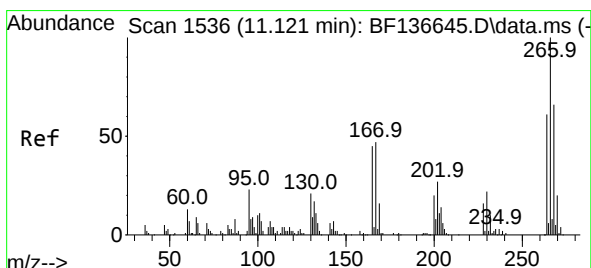
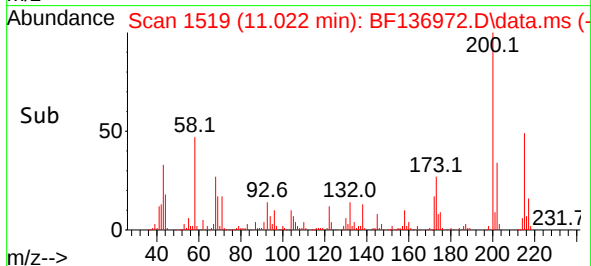
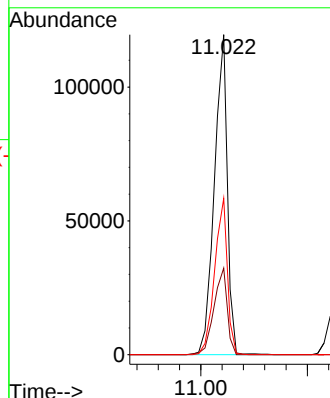
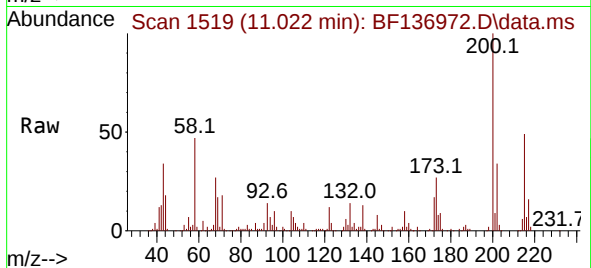
Tgt Ion:200 Resp: 100486

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 68.513 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

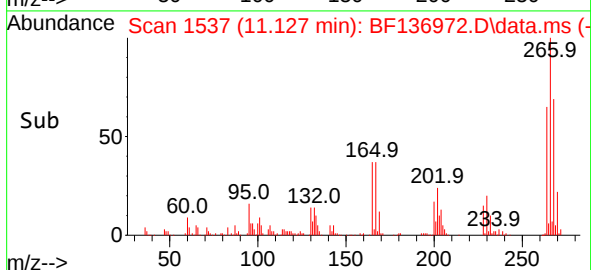
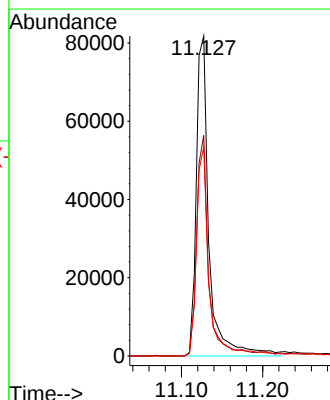
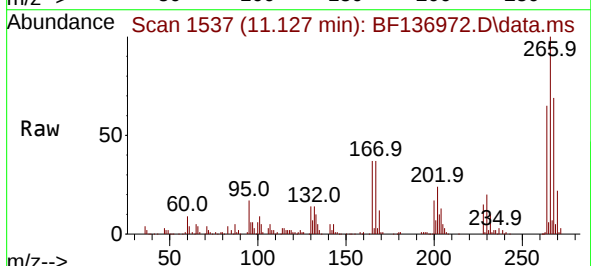
Tgt Ion:266 Resp: 89403

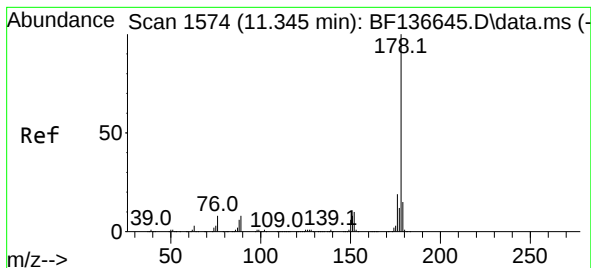
Ion Ratio Lower Upper

266 100

268 68.9 52.6 78.8

264 65.2 49.0 73.4





#71

Phenanthrene

Concen: 44.929 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

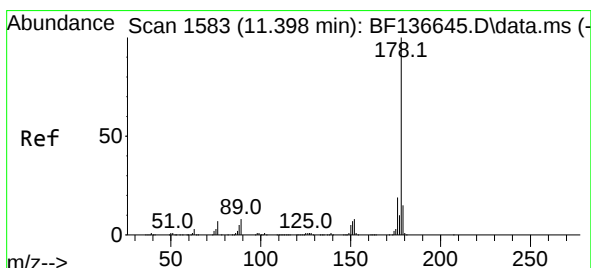
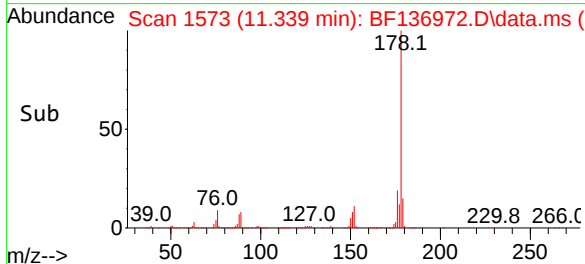
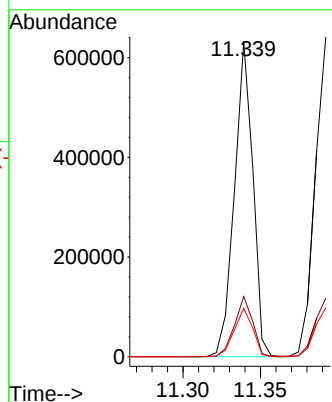
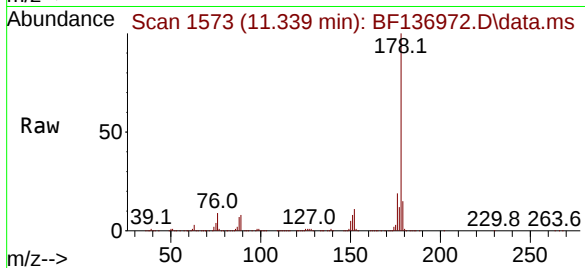
Tgt Ion:178 Resp: 521474

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 44.201 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

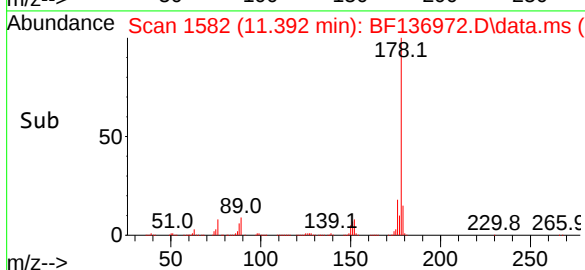
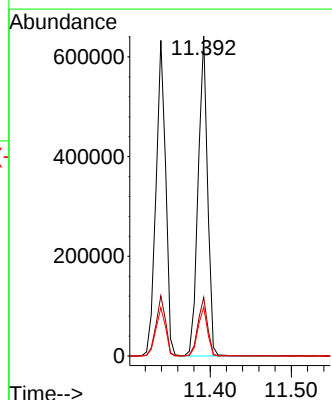
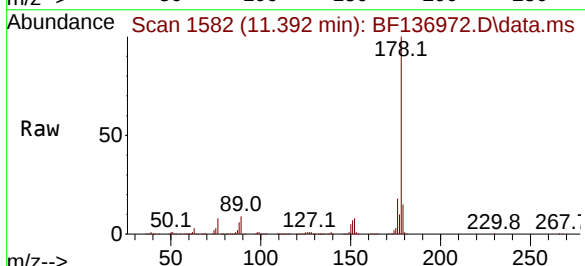
Tgt Ion:178 Resp: 519552

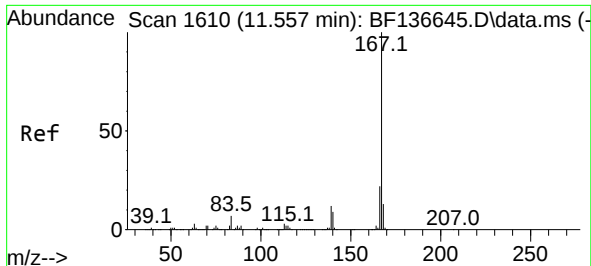
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.3 11.8 17.6

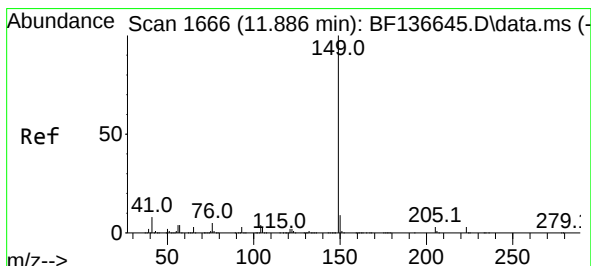
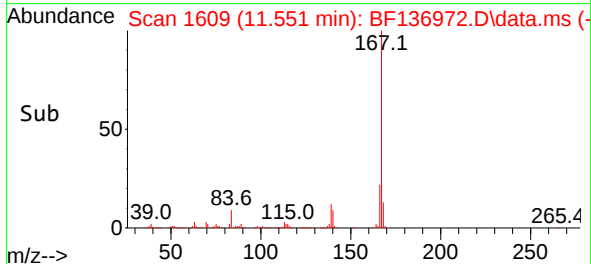
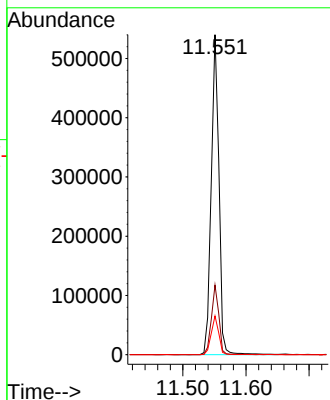
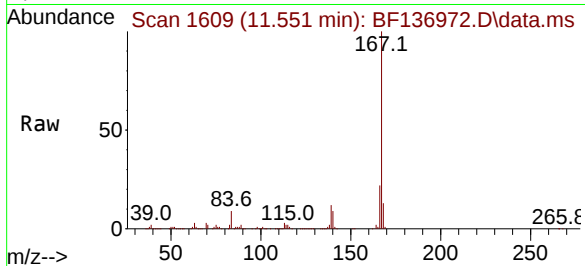




#73
 Carbazole
 Concen: 41.362 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136972.D
 Acq: 05 Jan 2024 13:15

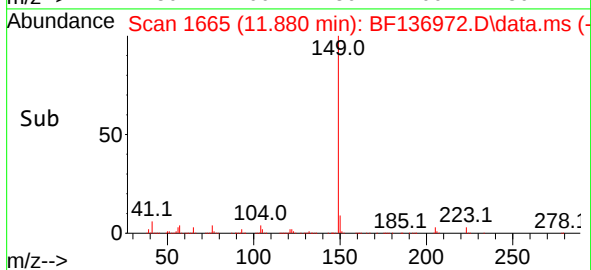
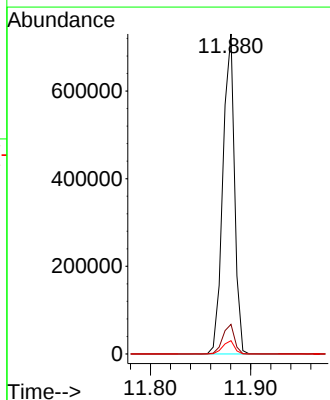
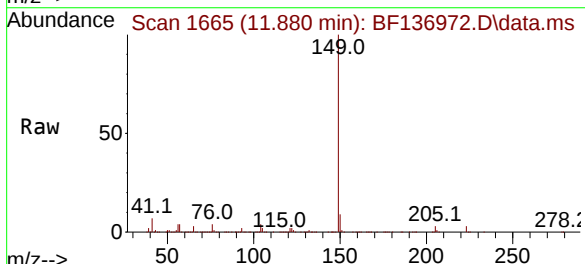
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MSD

Tgt Ion:167 Resp: 458378
 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: 43.362 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136972.D
 Acq: 05 Jan 2024 13:15

Tgt Ion:149 Resp: 586379
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 43.094 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

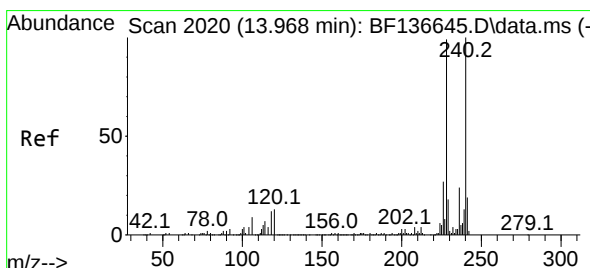
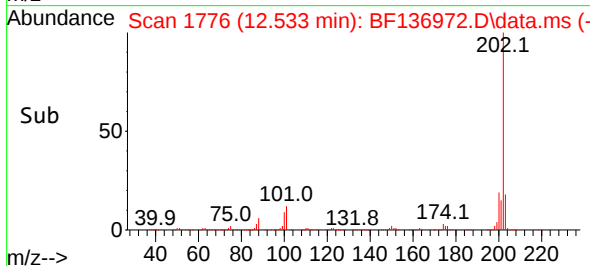
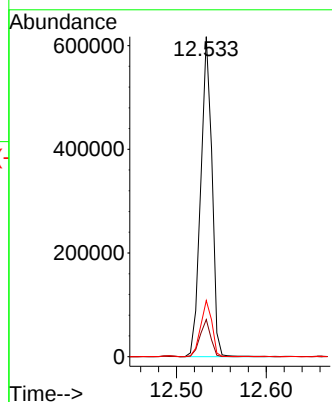
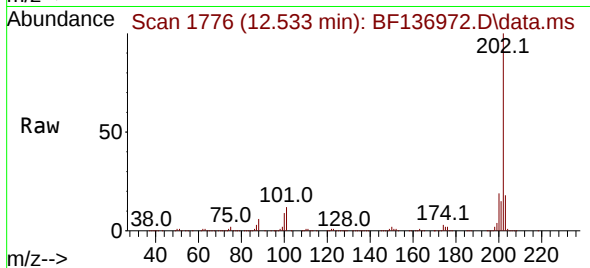
Tgt Ion:202 Resp: 535008

Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.3

203 17.6 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

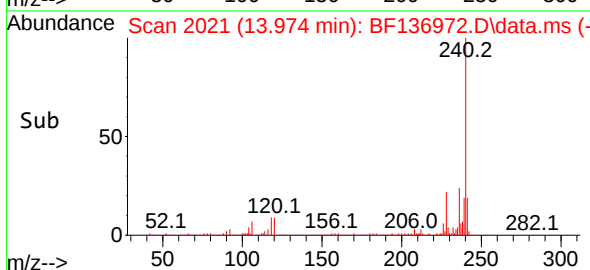
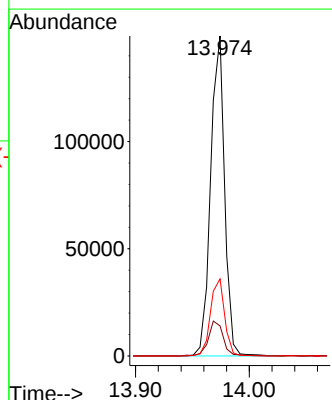
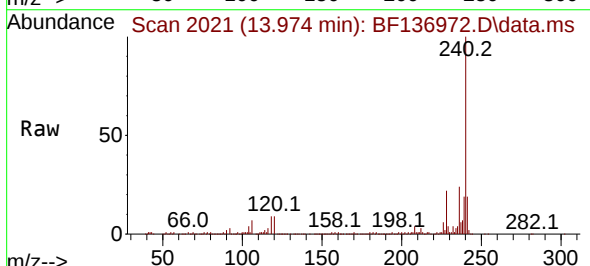
Tgt Ion:240 Resp: 127153

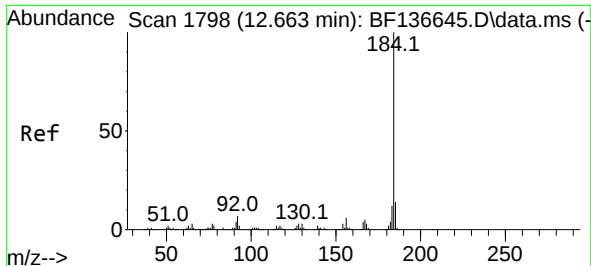
Ion Ratio Lower Upper

240 100

120 9.4 10.3 15.5#

236 24.1 19.4 29.2

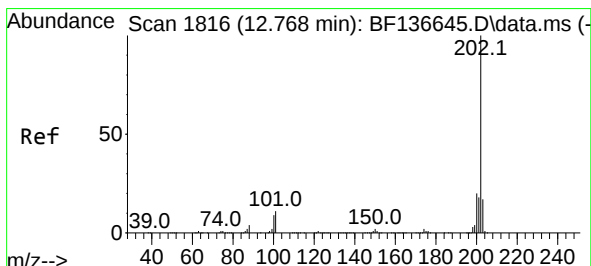
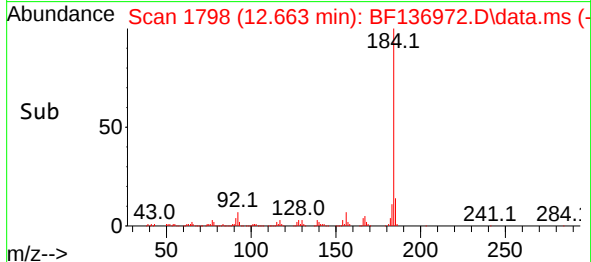
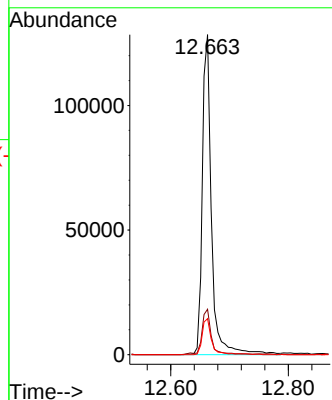
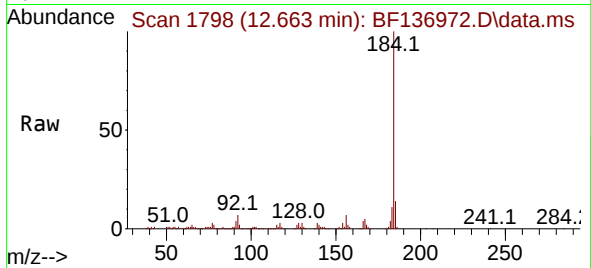




#77
Benzidine
Concen: 36.964 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

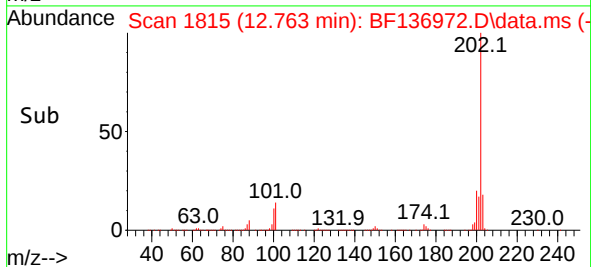
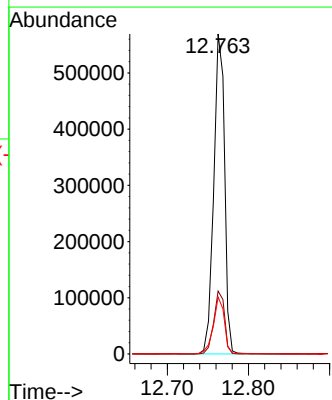
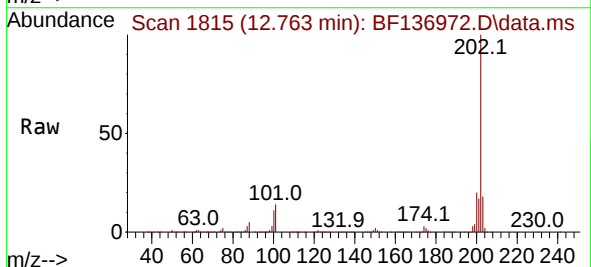
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

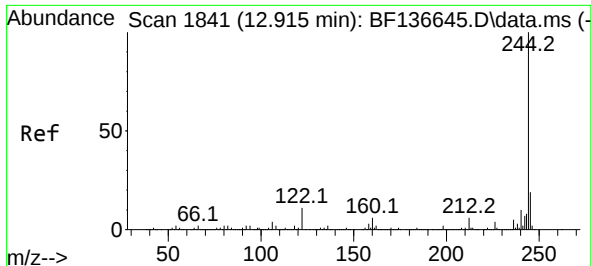
Tgt Ion:184 Resp: 138586
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.2 9.3 13.9



#78
Pyrene
Concen: 42.111 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

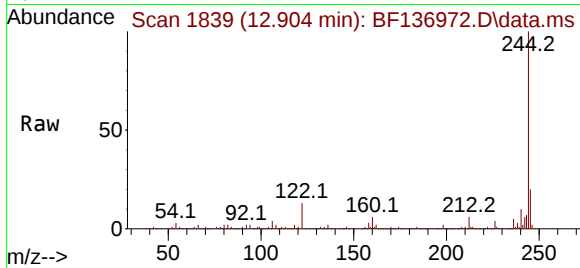
Tgt Ion:202 Resp: 525642
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 17.8 13.8 20.6



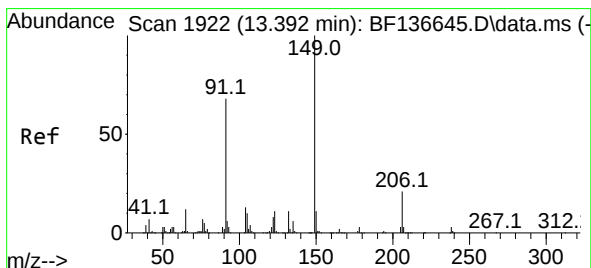
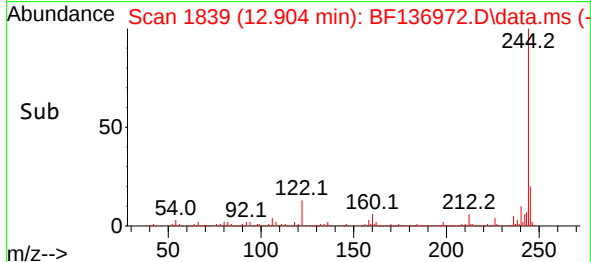
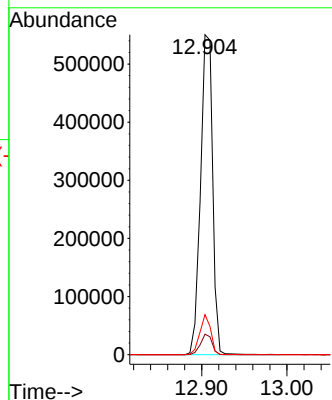


#79
 Terphenyl-d14
 Concen: 59.763 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136972.D
 Acq: 05 Jan 2024 13:15

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MSD

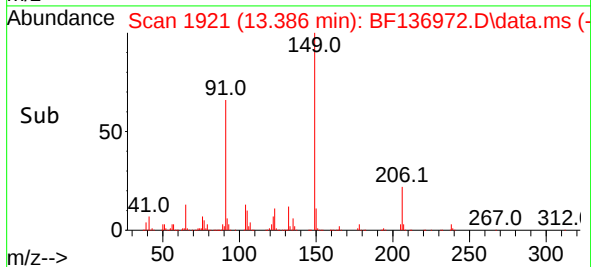
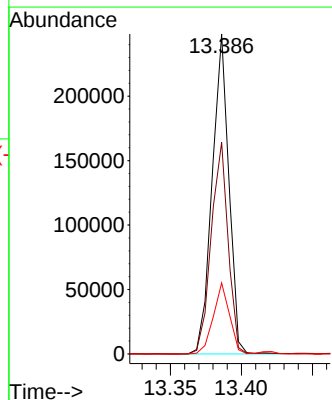
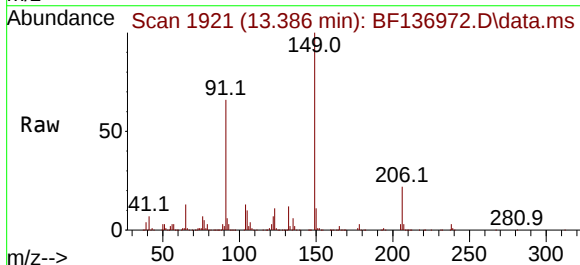


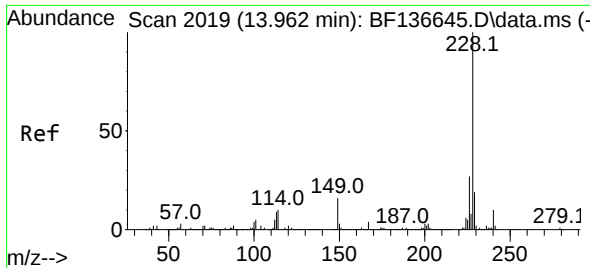
Tgt Ion:244 Resp: 543768
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.594 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136972.D
 Acq: 05 Jan 2024 13:15

Tgt Ion:149 Resp: 202540
 Ion Ratio Lower Upper
 149 100
 91 66.2 54.1 81.1
 206 22.2 17.1 25.7

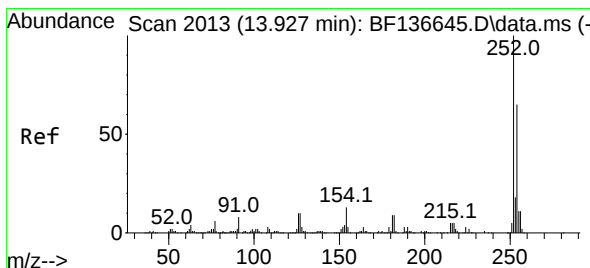
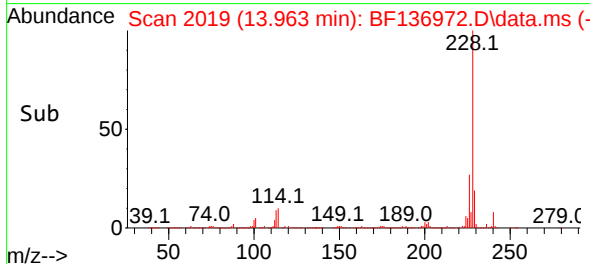
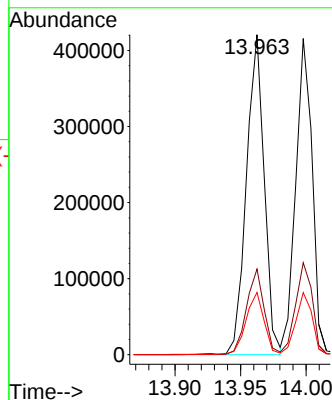
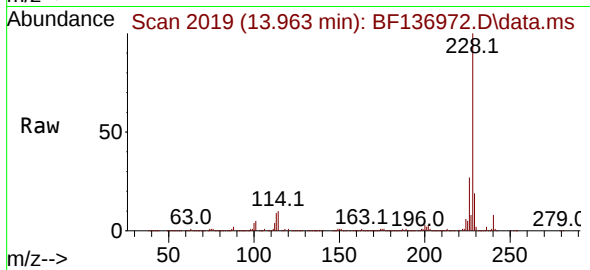




#81
Benzo(a)anthracene
Concen: 45.080 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

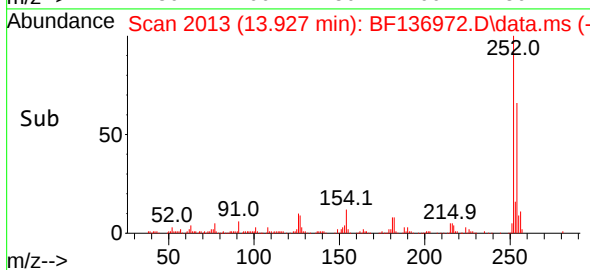
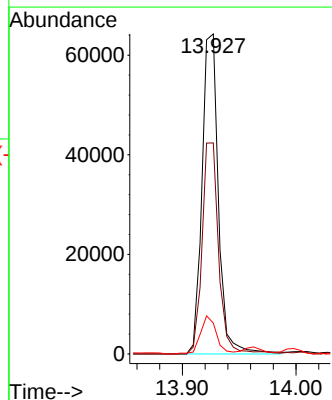
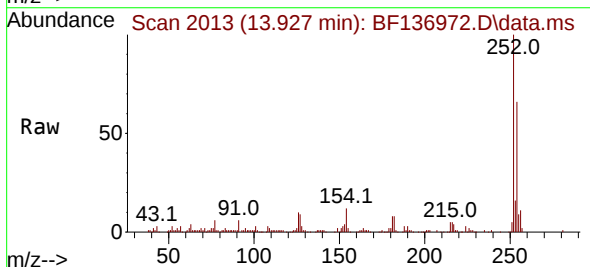
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

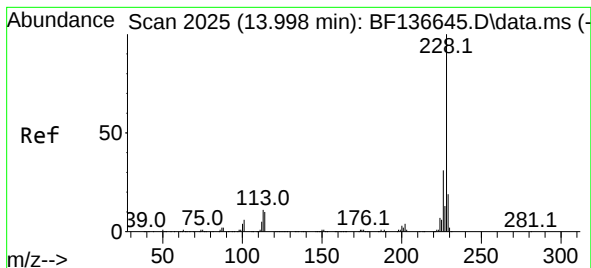
Tgt Ion:228 Resp: 398029
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 25.792 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:252 Resp: 64672
Ion Ratio Lower Upper
252 100
254 66.0 52.2 78.4
126 9.7 8.0 12.0





#83

Chrysene

Concen: 41.954 ng

RT: 13.998 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

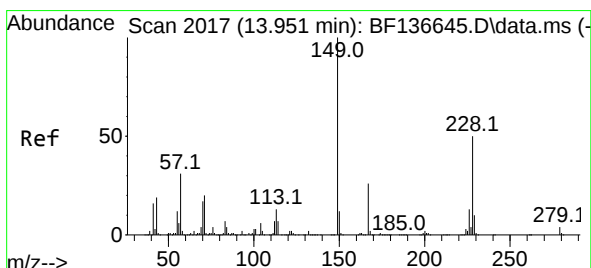
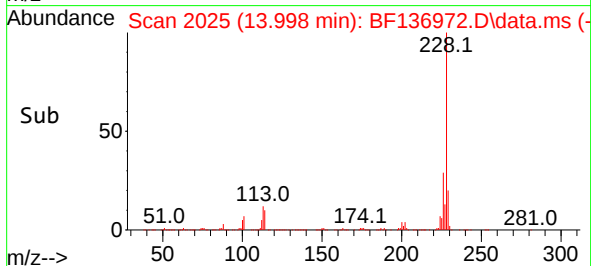
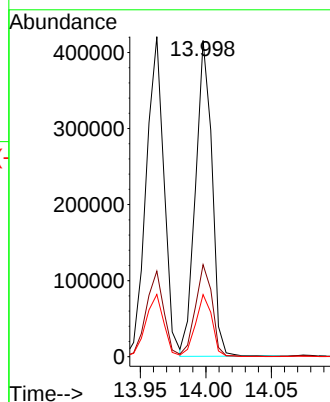
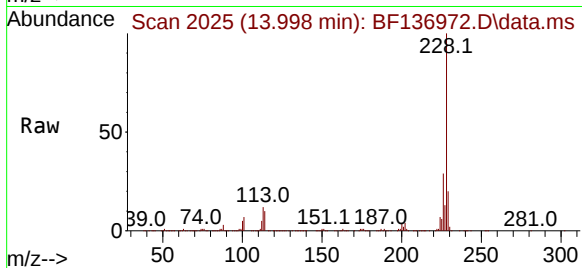
Tgt Ion:228 Resp: 362240

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.013 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

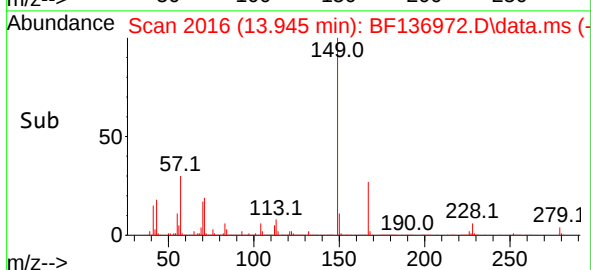
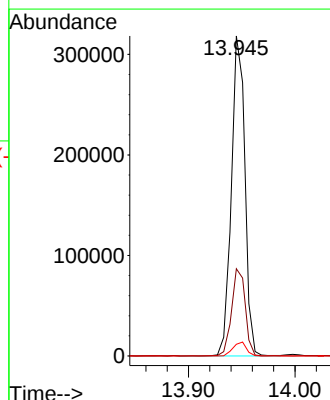
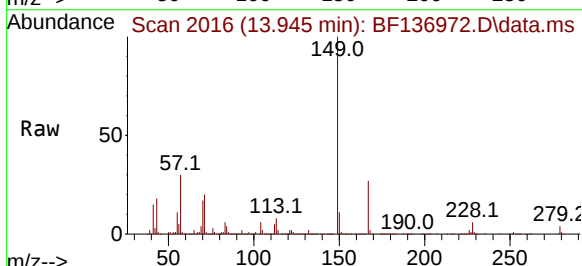
Tgt Ion:149 Resp: 280086

Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.141 ng

RT: 14.562 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

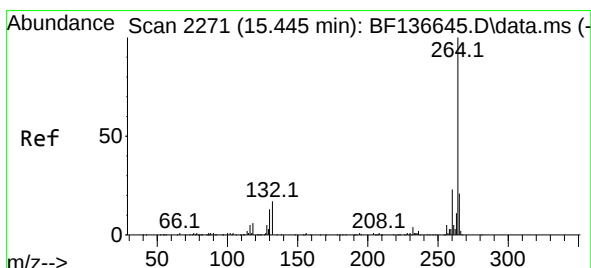
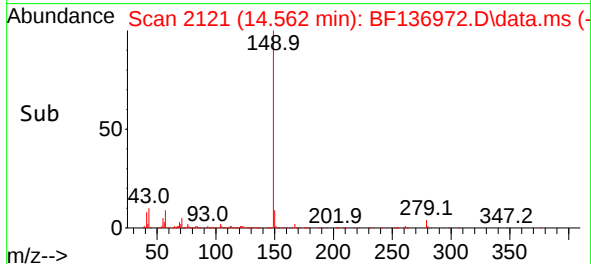
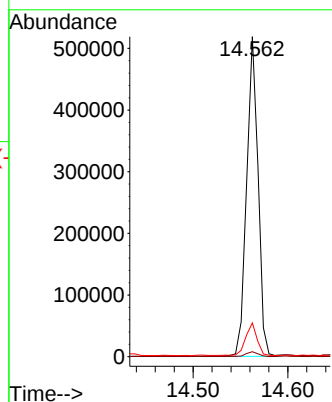
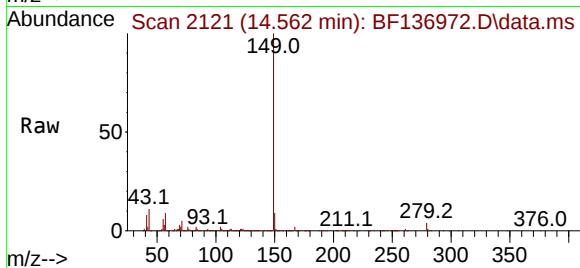
Tgt Ion:149 Resp: 434390

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

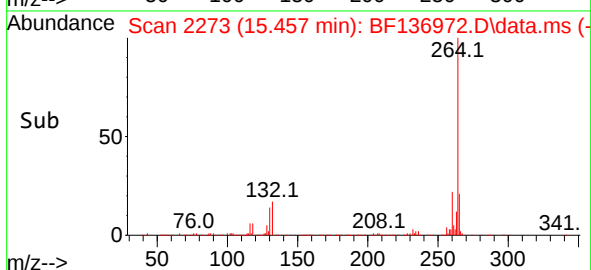
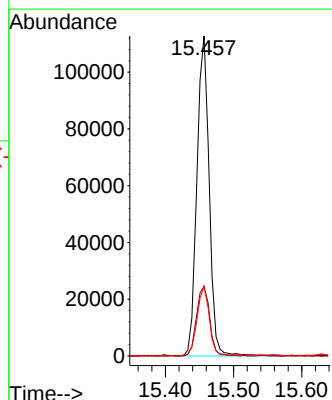
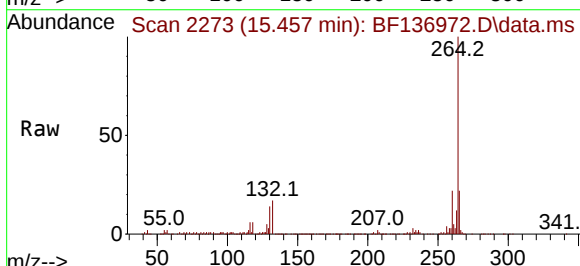
Tgt Ion:264 Resp: 140217

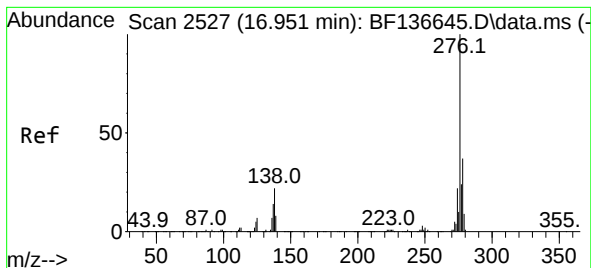
Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.514 ng

RT: 16.986 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

Instrument :

BNA_F

ClientSampleId :

RBR200030MSD

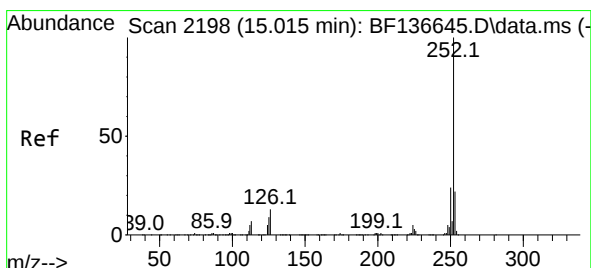
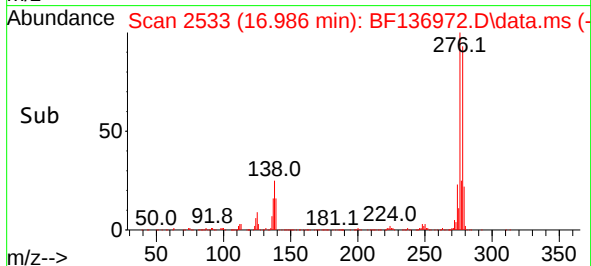
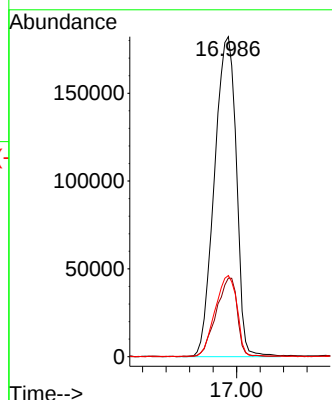
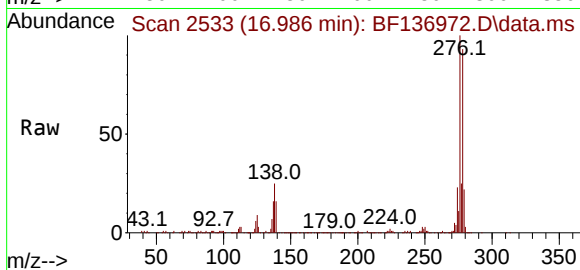
Tgt Ion:276 Resp: 470904

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.865 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136972.D

Acq: 05 Jan 2024 13:15

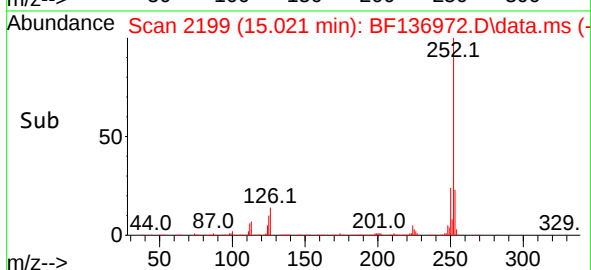
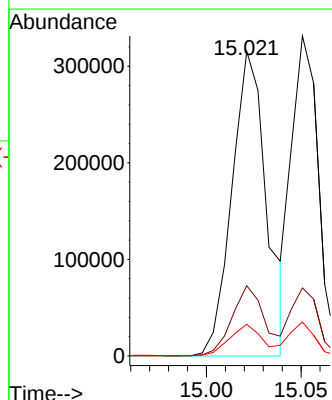
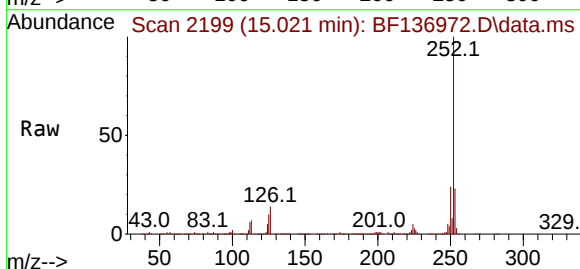
Tgt Ion:252 Resp: 401437

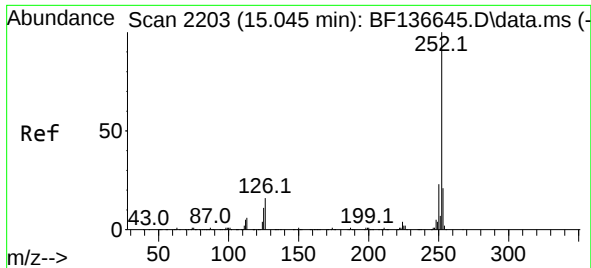
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 10.4 7.4 11.2

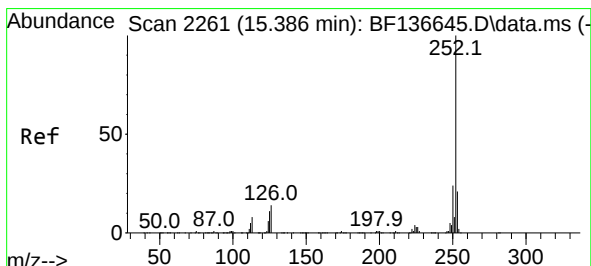
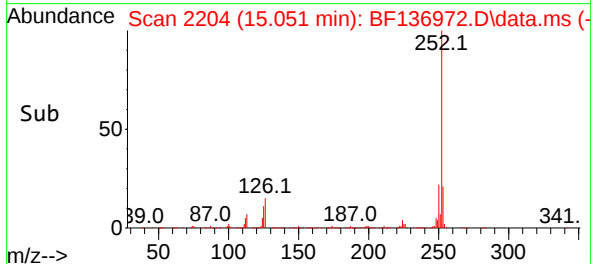
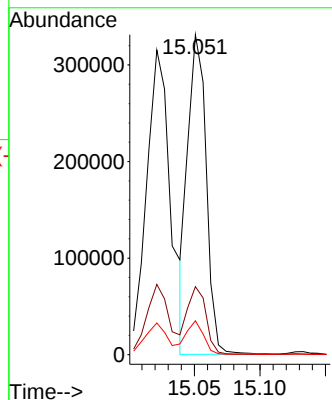
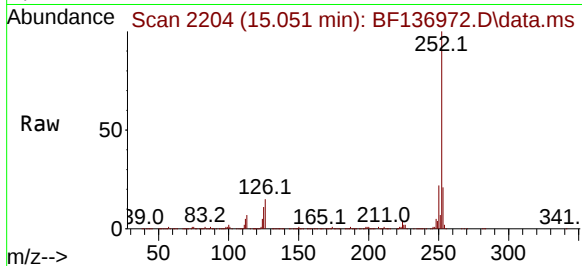




#89
Benzo(k)fluoranthene
Concen: 36.669 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

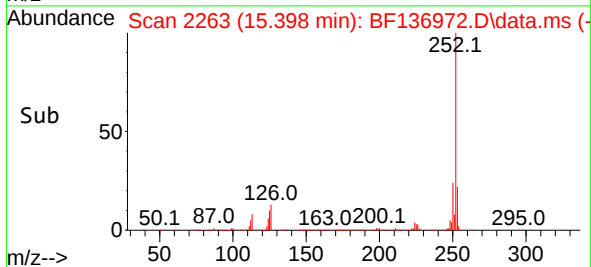
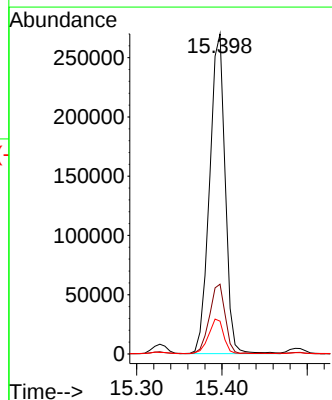
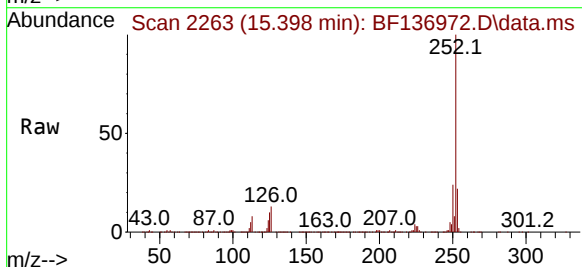
Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

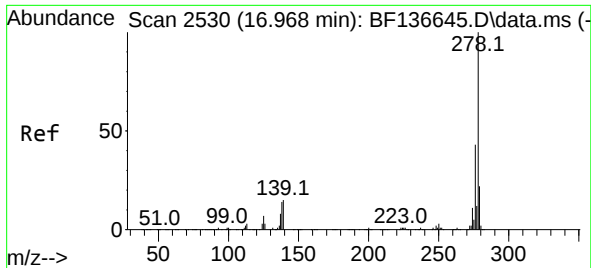
Tgt Ion:252 Resp: 324491
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 43.122 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:252 Resp: 340889
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.3 8.8 13.2

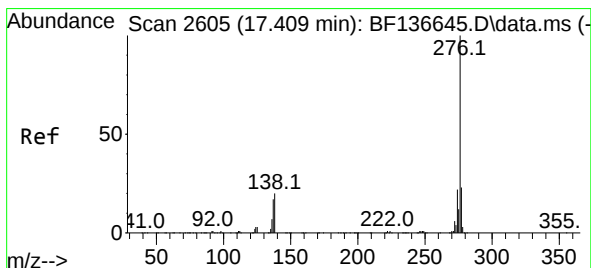
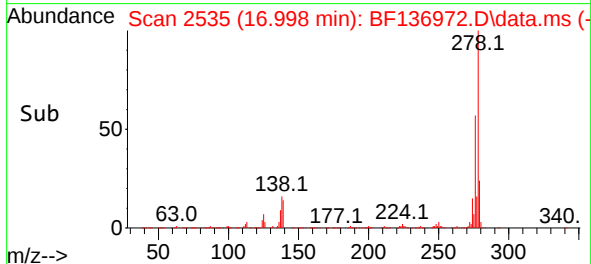
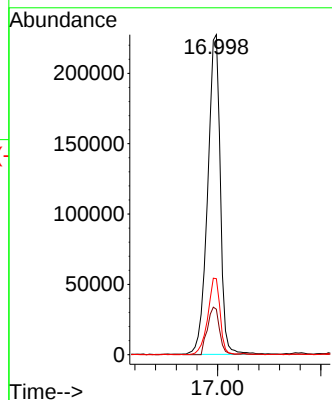
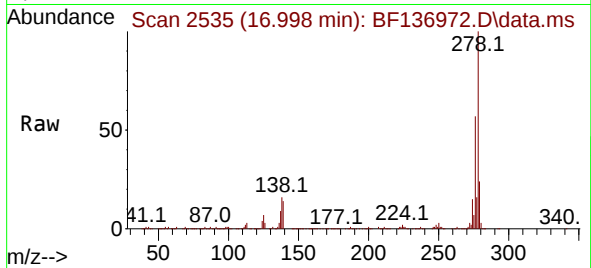




#91
Dibenzo(a,h)anthracene
Concen: 46.439 ng
RT: 16.998 min Scan# 2111
Delta R.T. 0.029 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Instrument :
BNA_F
ClientSampleId :
RBR200030MSD

Tgt Ion:278 Resp: 385707
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.390 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.035 min
Lab File: BF136972.D
Acq: 05 Jan 2024 13:15

Tgt Ion:276 Resp: 394628
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 20.2 15.6 23.4

