

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136730.D
 Acq On : 26 Dec 2023 21:03
 Operator : CG\JU
 Sample : 05765-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

Quant Time: Dec 27 03:58:16 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	6.786	152	67571	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	254320	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	117572	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	177465	20.000	ng	0.00
76) Chrysene-d12	13.974	240	129806	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	123324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	185246	42.775	ng	0.03
7) Phenol-d6	6.439	99	388504	69.233	ng	0.00
23) Nitrobenzene-d5	7.351	82	266651	53.652	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	32024	23.127	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	449402	51.410	ng	-0.01
79) Terphenyl-d14	12.904	244	329929	35.520	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	71389	39.563	ng	98
3) Pyridine	3.498	79	23859	5.419	ng	87
6) Aniline	6.457	93	137802	24.562	ng	# 51
8) 2-Chlorophenol	6.581	128	201312	42.478	ng	95
9) Benzaldehyde	6.345	77	67313	21.089	ng	95
10) Phenol	6.451	94	242484	40.479	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	187381	41.132	ng	98
12) 1,3-Dichlorobenzene	6.734	146	208696	40.367	ng	97
13) 1,4-Dichlorobenzene	6.804	146	210904	39.925	ng	98
14) 1,2-Dichlorobenzene	6.957	146	198253	40.332	ng	99
15) Benzyl Alcohol	6.934	79	170119	44.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302491	40.613	ng	99
17) 2-Methylphenol	7.051	107	158238	40.304	ng	96
18) Hexachloroethane	7.292	117	74436	38.800	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	139851	41.112	ng	99
20) 3+4-Methylphenols	7.204	107	199917	40.758	ng	# 64
22) Acetophenone	7.192	105	283971	44.548	ng	# 92
24) Nitrobenzene	7.369	77	203636	40.902	ng	97
25) Isophorone	7.604	82	375631	41.536	ng	98
26) 2-Nitrophenol	7.681	139	99996	41.980	ng	92
27) 2,4-Dimethylphenol	7.722	122	131724	45.423	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	234195	42.604	ng	99
29) 2,4-Dichlorophenol	7.928	162	157143	42.091	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	172326	41.427	ng	98
31) Naphthalene	8.086	128	1125320	80.543	ng	100
32) Benzoic acid	7.839	122	55901	19.923	ng	98
33) 4-Chloroaniline	8.133	127	81592	15.817	ng	99
34) Hexachlorobutadiene	8.198	225	100878	39.915	ng	99
35) Caprolactam	8.516	113	49192	39.940	ng	95
36) 4-Chloro-3-methylphenol	8.633	107	170234	40.503	ng	99
37) 2-Methylnaphthalene	8.780	142	697653	77.588	ng	99
38) 1-Methylnaphthalene	8.875	142	345380	39.151	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	175628	48.234	ng	99
41) Hexachlorocyclopentadiene	8.927	237	47415	43.239	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	106412	45.570	ng	97
44) 2,4,5-Trichlorophenol	9.104	196	112400	43.195	ng	# 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	462490	46.877	ng	98
47) 2-Chloronaphthalene	9.269	162	328812	43.840	ng	98
48) 2-Nitroaniline	9.369	65	106719	45.437	ng	95
49) Acenaphthylene	9.686	152	1033868	90.182	ng	99
50) Dimethylphthalate	9.545	163	387116	45.078	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84938	43.580	ng	98
52) Acenaphthene	9.857	154	586839	82.579	ng	100
53) 3-Nitroaniline	9.780	138	75174	36.411	ng	93
54) 2,4-Dinitrophenol	9.892	184	13572	15.713	ng	# 83
55) Dibenzofuran	10.027	168	460740	42.771	ng	98
56) 4-Nitrophenol	9.957	139	101975	73.167	ng	95
57) 2,4-Dinitrotoluene	10.016	165	98754	39.030	ng	99
58) Fluorene	10.374	166	671703	78.585	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	75755	37.819	ng	# 99
60) Diethylphthalate	10.251	149	364533	40.911	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	161439	38.857	ng	95
62) 4-Nitroaniline	10.398	138	73302	36.829	ng	97
63) Azobenzene	10.527	77	317643	38.168	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	13470	13.244	ng	# 80
66) n-Nitrosodiphenylamine	10.486	169	296493	51.431	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	91919	46.639	ng	99
68) Hexachlorobenzene	10.921	284	97537	44.408	ng	95
69) Atrazine	11.021	200	88880	60.279	ng	93
70) Pentachlorophenol	11.121	266	83189	81.259	ng	98
71) Phenanthrene	11.345	178	844121	92.701	ng	100
72) Anthracene	11.398	178	799007	86.643	ng	99
73) Carbazole	11.551	167	370495	42.613	ng	100
74) Di-n-butylphthalate	11.880	149	491213	46.300	ng	99
75) Fluoranthene	12.539	202	858550	88.146	ng	98
77) Benzidine	12.657	184	46775	12.221	ng	# 93
78) Pyrene	12.768	202	876298	68.769	ng	99
80) Butylbenzylphthalate	13.386	149	186560	40.236	ng	99
81) Benzo(a)anthracene	13.962	228	840736	93.274	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	96341	37.636	ng	99
83) Chrysene	14.004	228	786585	89.239	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	264528	45.344	ng	97
85) Di-n-octyl phthalate	14.568	149	498500	55.241	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	593309	66.633	ng	98
88) Benzo(b)fluoranthene	15.021	252	844821	102.565	ng	99
89) Benzo(k)fluoranthene	15.057	252	651264	83.676	ng	99
90) Benzo(a)pyrene	15.392	252	641508	92.266	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	493439	67.548	ng	98
92) Benzo(g,h,i)perylene	17.421	276	448490	59.944	ng	99

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

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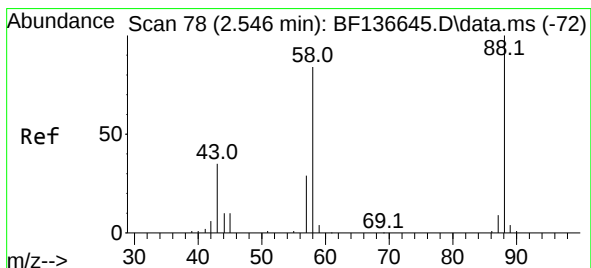
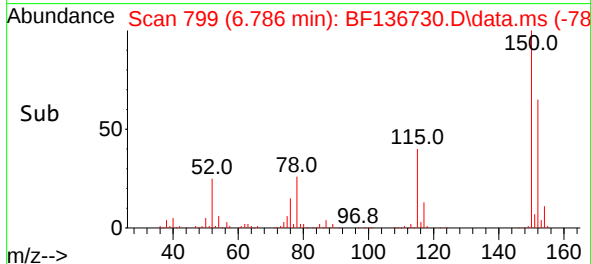
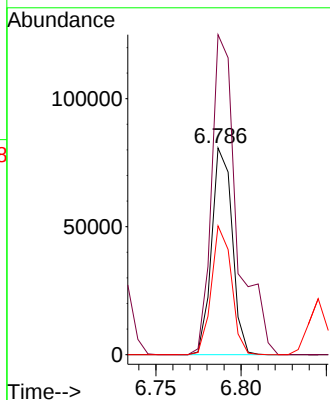
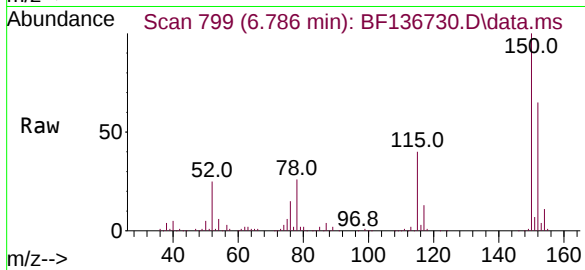




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

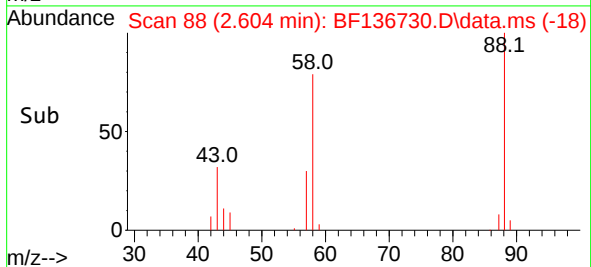
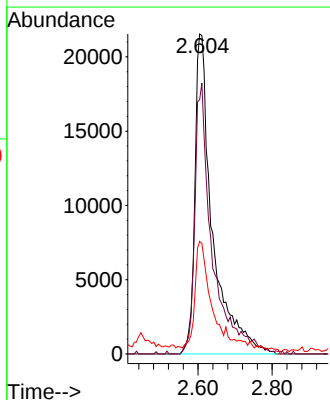
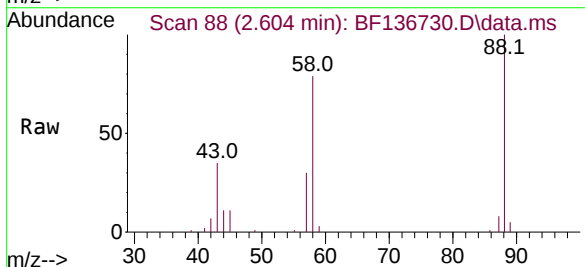
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

Tgt Ion:152 Resp: 67571
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.0 190.6
 115 62.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.563 ng
 RT: 2.604 min Scan# 88
 Delta R.T. 0.059 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

Tgt Ion: 88 Resp: 71389
 Ion Ratio Lower Upper
 88 100
 58 83.4 67.4 101.0
 43 32.4 27.7 41.5

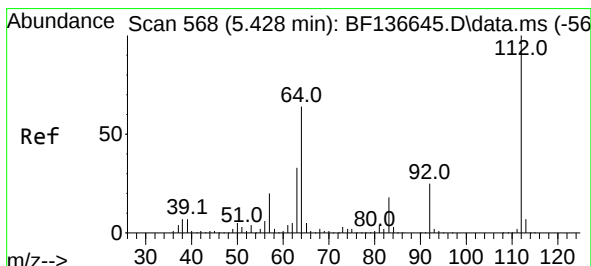
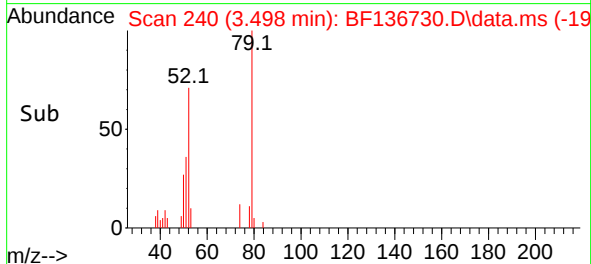
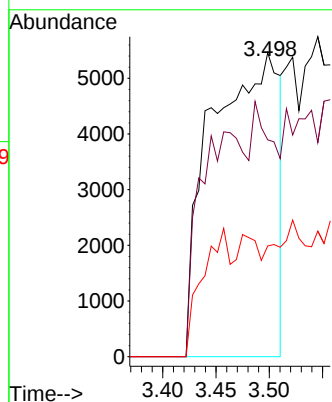
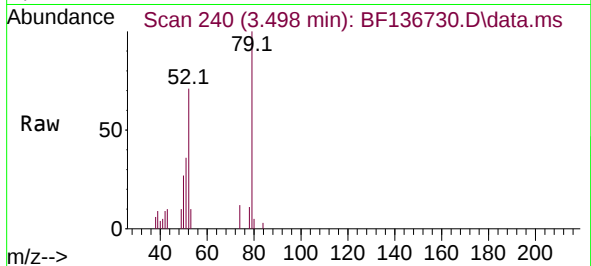




#3
Pyridine
Concen: 5.419 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.194 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

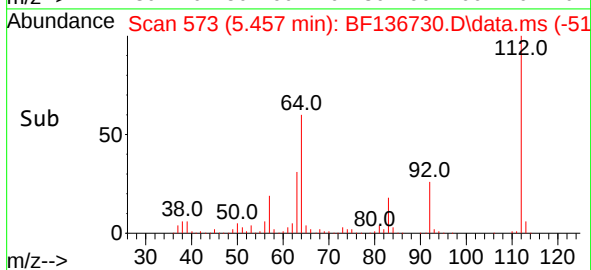
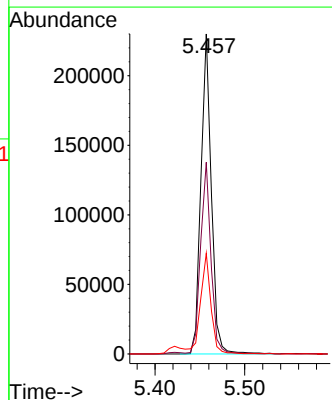
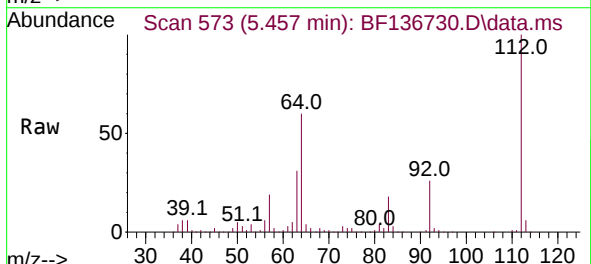
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

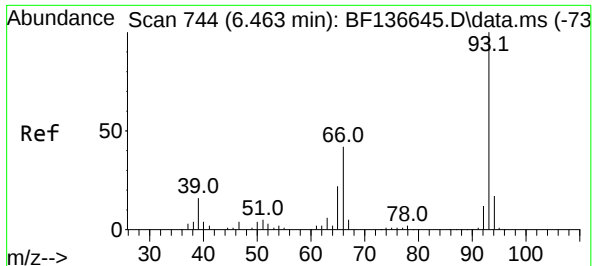
Tgt Ion: 79	Resp: 23859
Ion Ratio	Lower Upper
79 100	
52 71.3	67.7 101.5
51 36.4	34.0 51.0



#5
2-Fluorophenol
Concen: 42.775 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.029 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:112	Resp: 185246
Ion Ratio	Lower Upper
112 100	
64 59.9	51.1 76.7
63 31.4	26.1 39.1

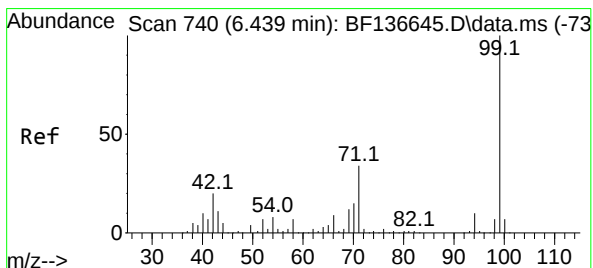
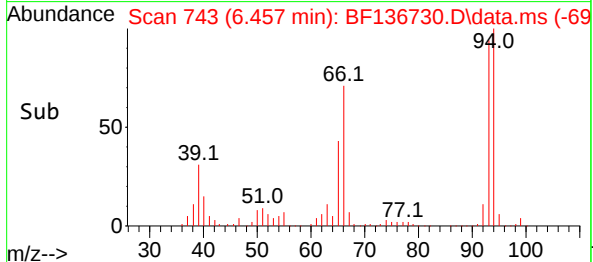
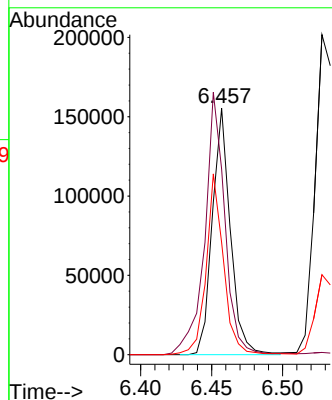
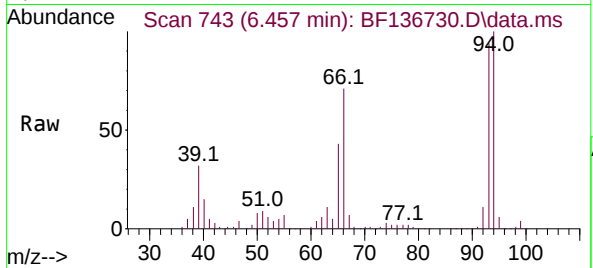




#6
Aniline
Concen: 24.562 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

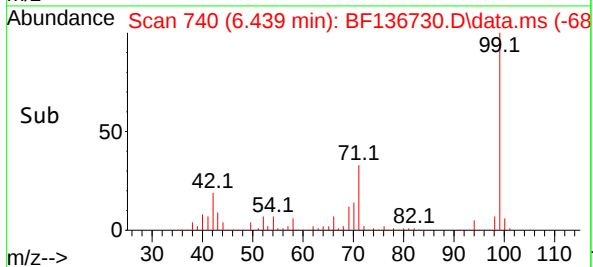
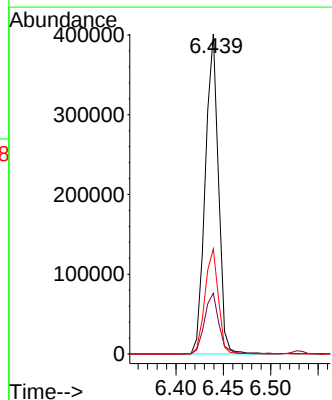
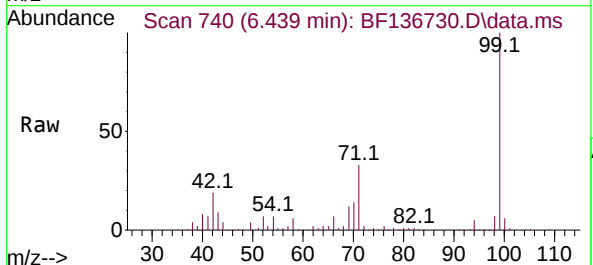
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ClientSampleId :
RT-SB-03-9.5-10.5MS

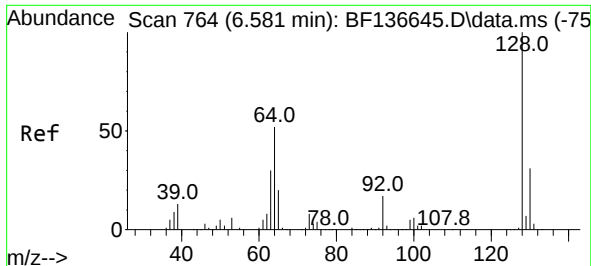
Tgt Ion: 93 Resp: 137802
Ion Ratio Lower Upper
93 100
66 75.3 34.6 51.8#
65 45.5 17.8 26.8#



#7
Phenol-d6
Concen: 69.233 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 99 Resp: 388504
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.9 27.4 41.2

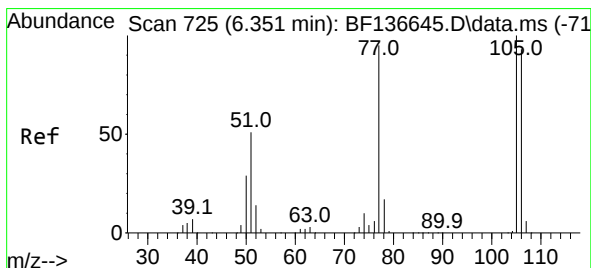
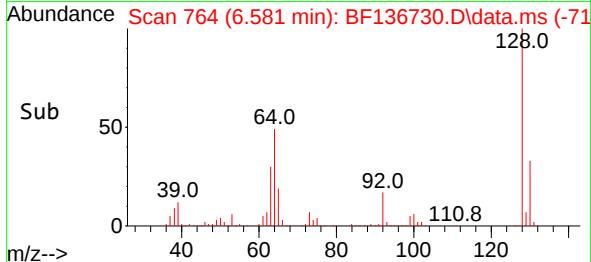
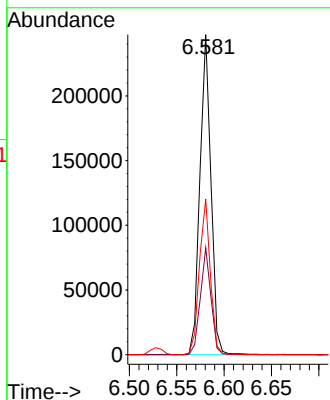
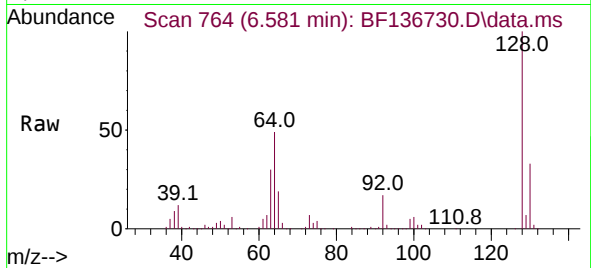




#8
2-Chlorophenol
Concen: 42.478 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

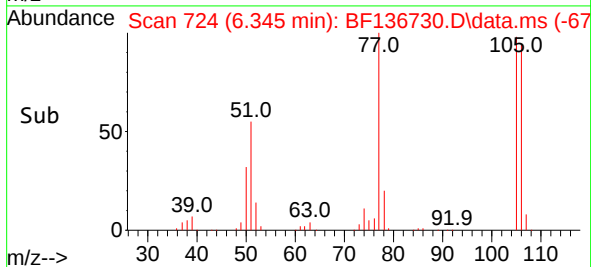
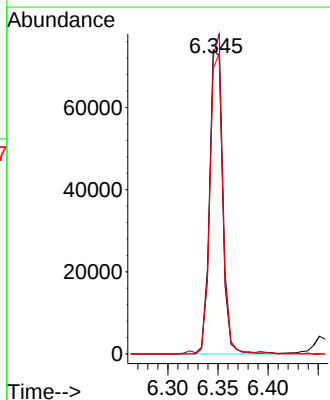
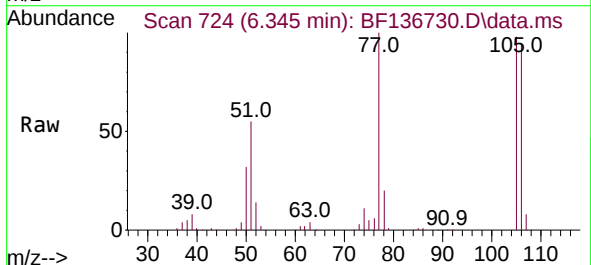
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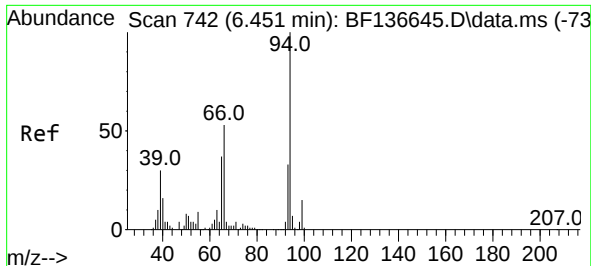
Tgt Ion:128 Resp: 201312
Ion Ratio Lower Upper
128 100
130 33.4 11.3 51.3
64 48.7 32.5 72.5



#9
Benzaldehyde
Concen: 21.089 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 77 Resp: 67313
Ion Ratio Lower Upper
77 100
105 98.0 84.8 124.8
106 93.9 77.8 117.8

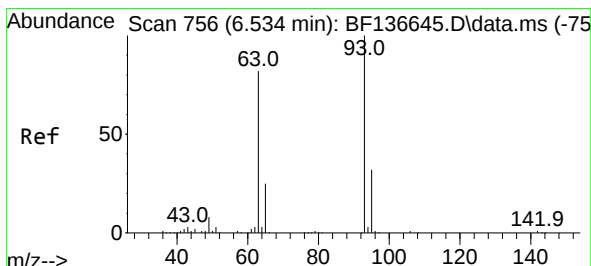
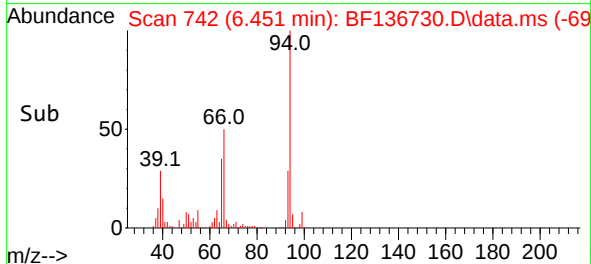
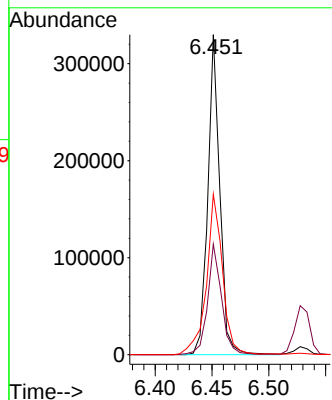
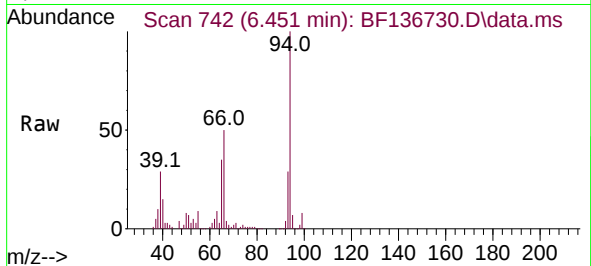




#10
Phenol
Concen: 40.479 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

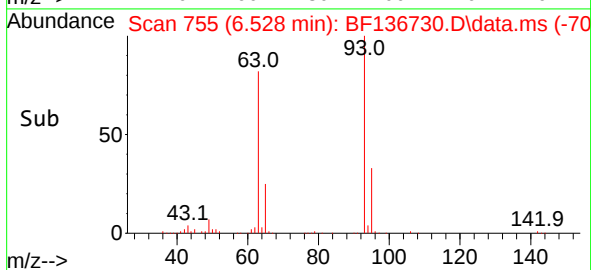
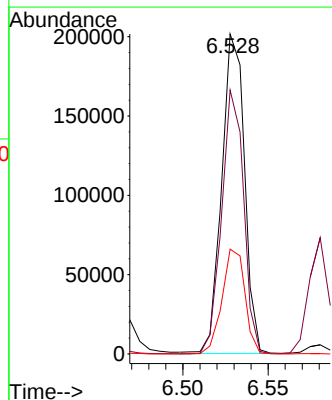
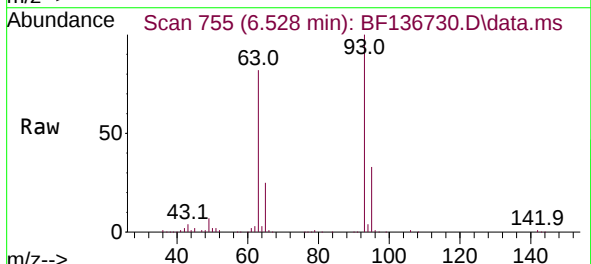
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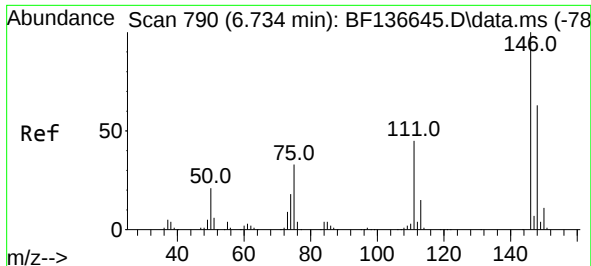
Tgt Ion: 94 Resp: 242484
Ion Ratio Lower Upper
94 100
65 34.6 16.6 56.6
66 50.1 32.6 72.6



#11
bis(2-Chloroethyl)ether
Concen: 41.132 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 93 Resp: 187381
Ion Ratio Lower Upper
93 100
63 82.5 61.2 101.2
95 32.7 11.6 51.6





#12

1,3-Dichlorobenzene

Concen: 40.367 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

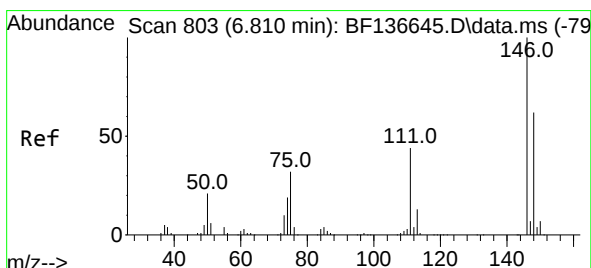
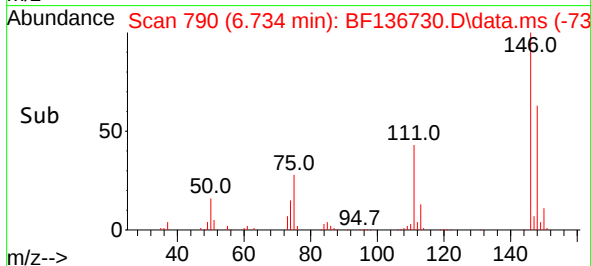
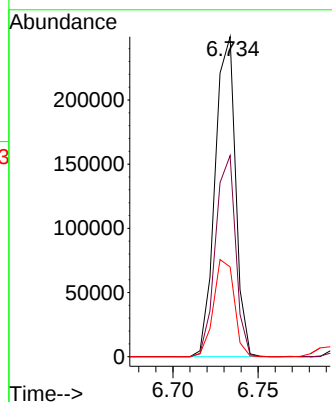
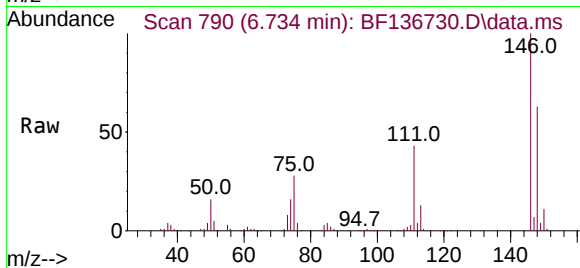
Tgt Ion:146 Resp: 208696

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

75 28.0 26.2 39.4



#13

1,4-Dichlorobenzene

Concen: 39.925 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

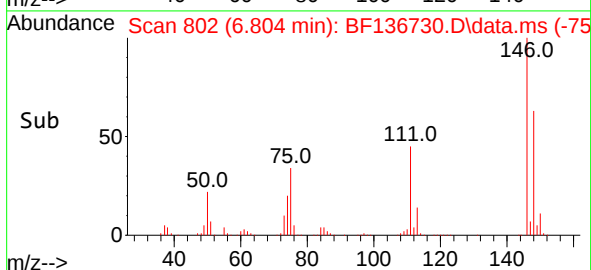
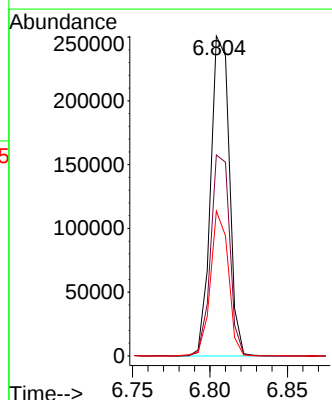
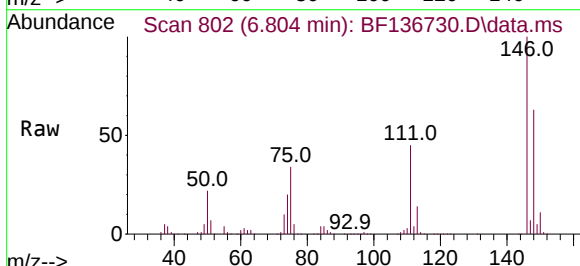
Tgt Ion:146 Resp: 210904

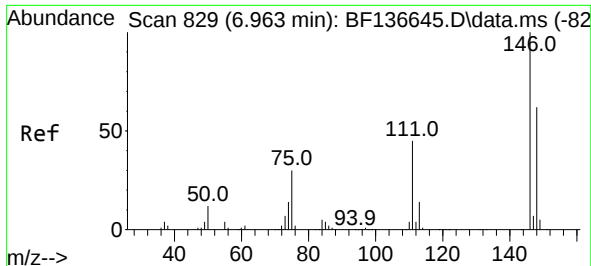
Ion Ratio Lower Upper

146 100

148 62.8 49.2 73.8

111 45.3 35.2 52.8

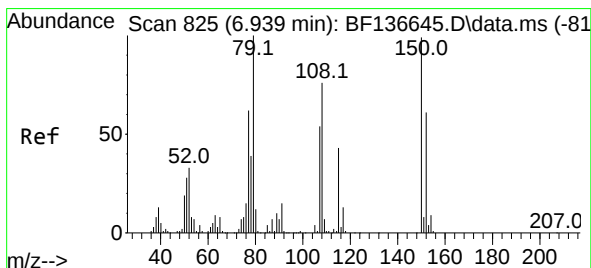
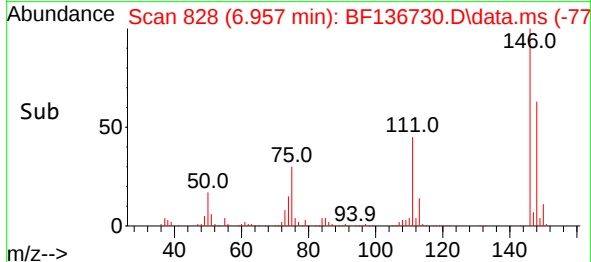
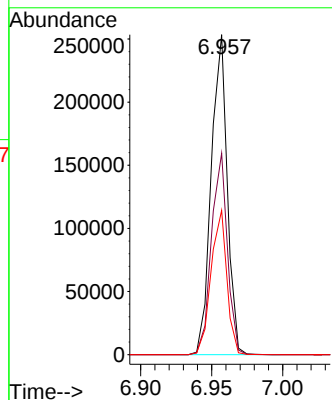
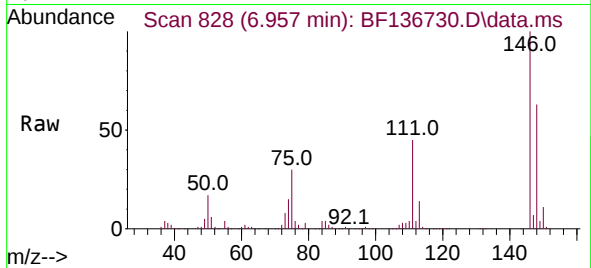




#14
1,2-Dichlorobenzene
Concen: 40.332 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

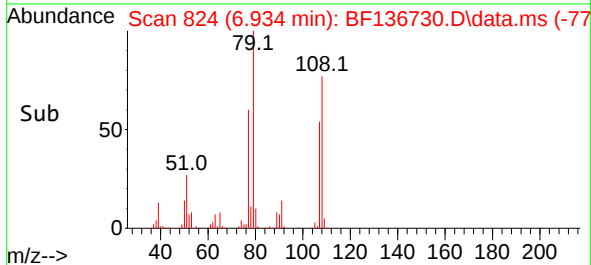
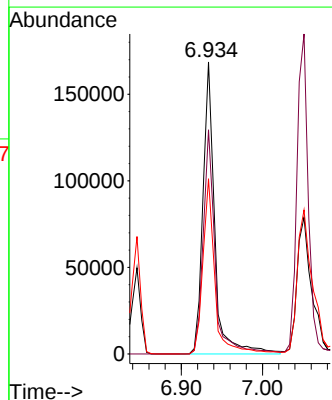
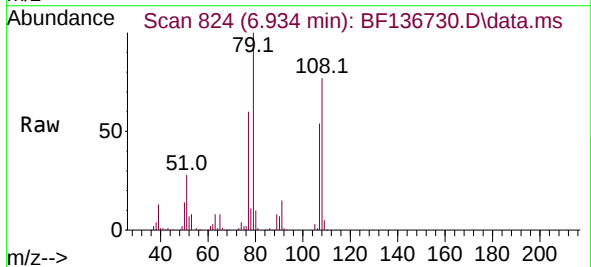
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

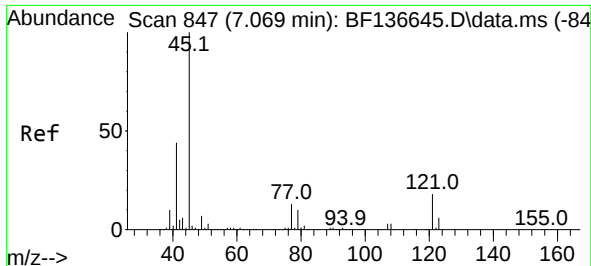
Tgt Ion:146 Resp: 198253
Ion Ratio Lower Upper
146 100
148 62.9 49.6 74.4
111 45.1 36.2 54.2



#15
Benzyl Alcohol
Concen: 44.937 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 79 Resp: 170119
Ion Ratio Lower Upper
79 100
108 76.8 61.0 91.6
77 60.0 49.8 74.8

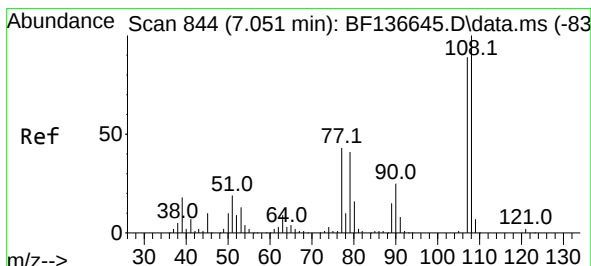
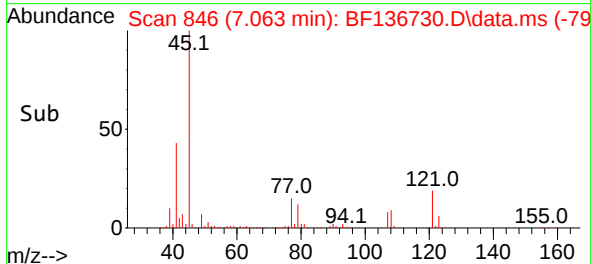
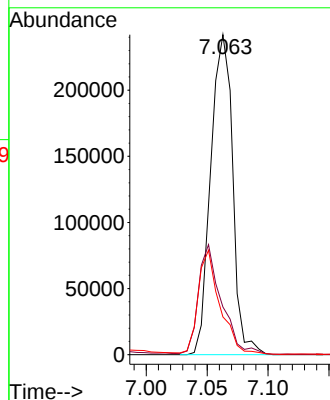
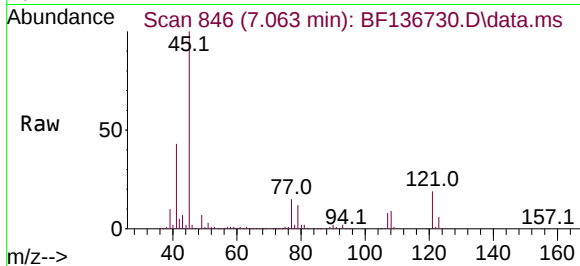




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.613 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

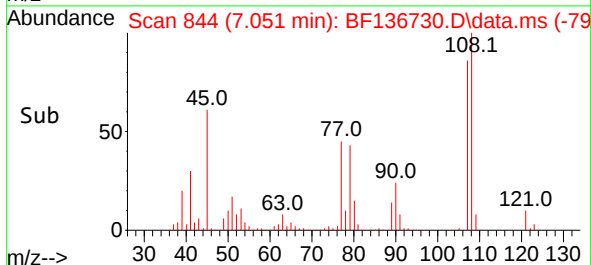
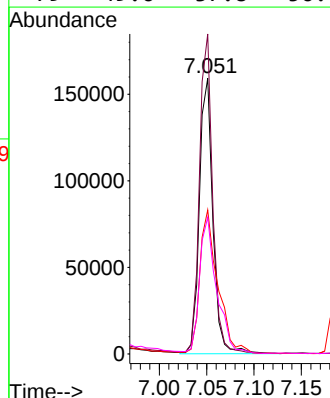
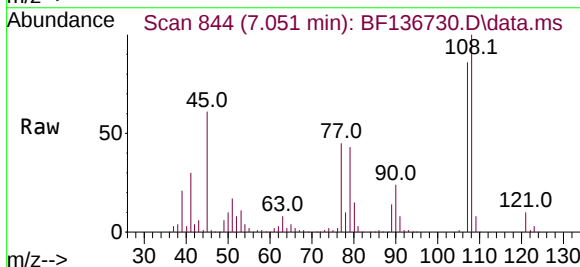
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

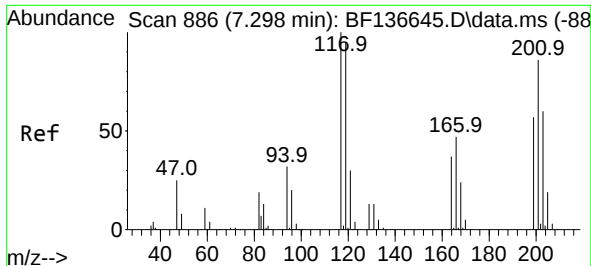
Tgt Ion: 45 Resp: 302491
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.3
79 11.8 0.0 31.4



#17
2-Methylphenol
Concen: 40.304 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:107 Resp: 158238
Ion Ratio Lower Upper
107 100
108 116.1 90.3 135.5
77 52.2 38.7 58.1
79 49.6 37.8 56.6

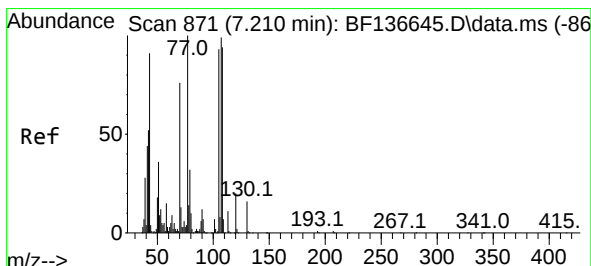
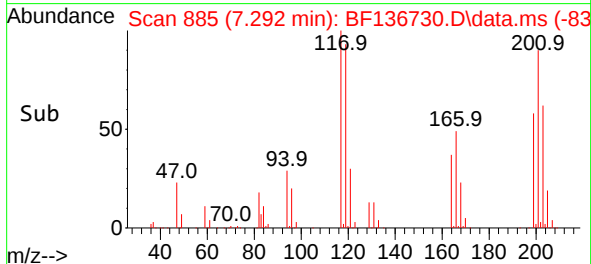
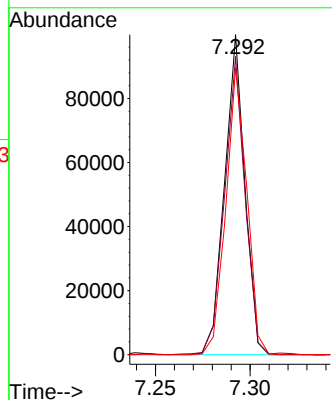
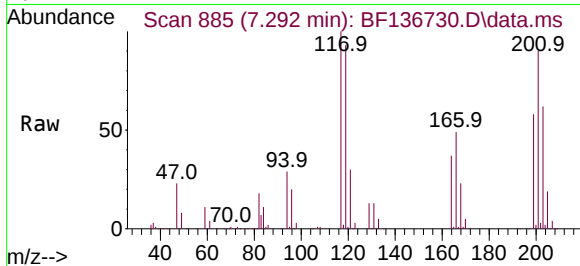




#18
Hexachloroethane
Concen: 38.800 ng
RT: 7.292 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

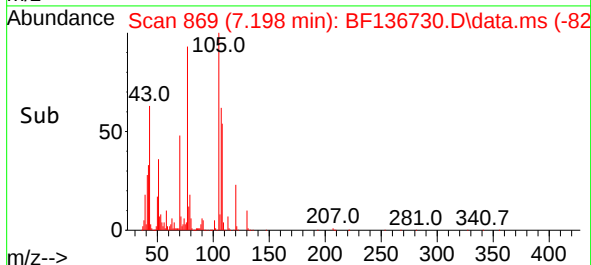
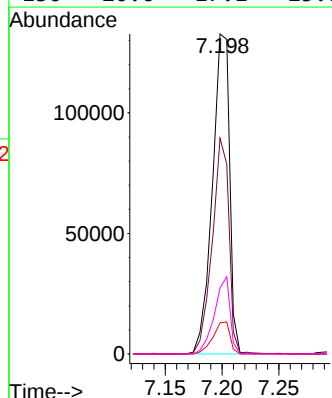
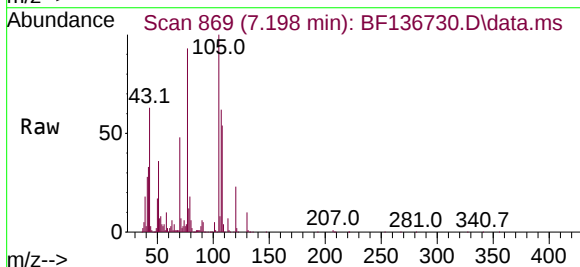
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

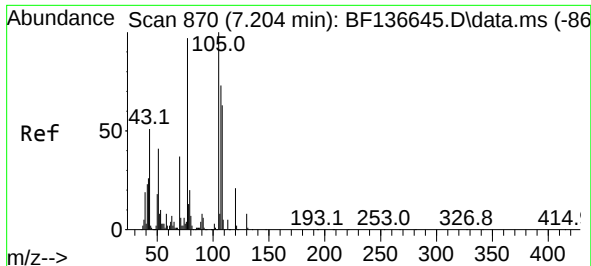
Tgt Ion:117 Resp: 74436
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
201 89.7 69.1 103.7



#19
n-Nitroso-di-n-propylamine
Concen: 41.112 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 70 Resp: 139851
Ion Ratio Lower Upper
70 100
42 67.4 54.2 81.4
101 9.7 7.6 11.4
130 20.6 17.1 25.7





#20

3+4-Methylphenols

Concen: 40.758 ng

RT: 7.204 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136730.D

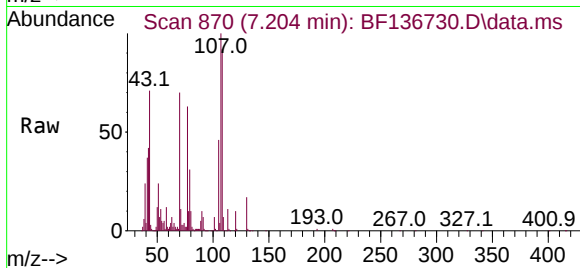
Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS



Tgt Ion:107 Resp: 199917

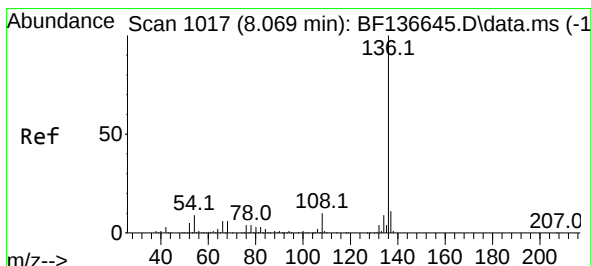
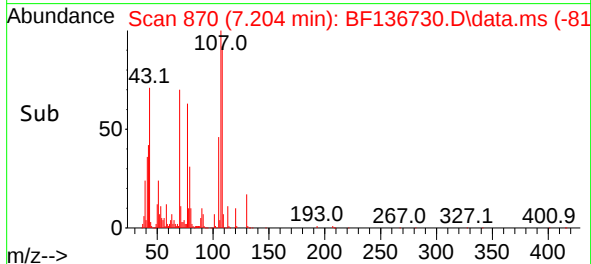
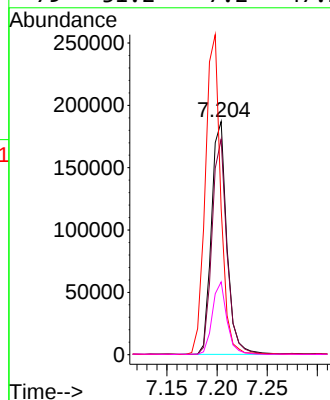
Ion Ratio Lower Upper

107 100

108 92.4 66.0 106.0

77 62.6 114.2 154.2#

79 31.2 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: BF136730.D

Acq: 26 Dec 2023 21:03

Tgt Ion:136 Resp: 254320

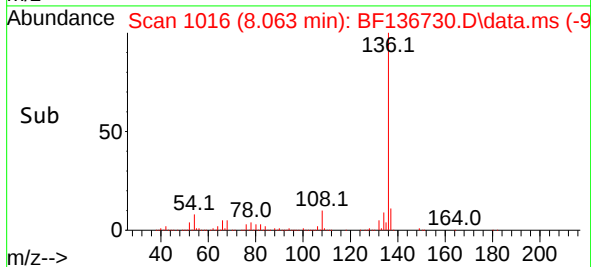
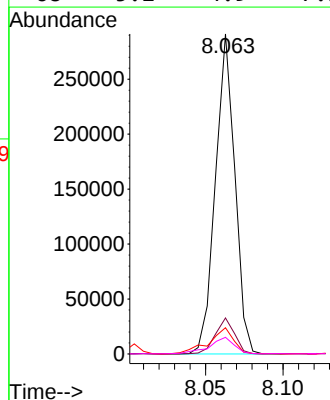
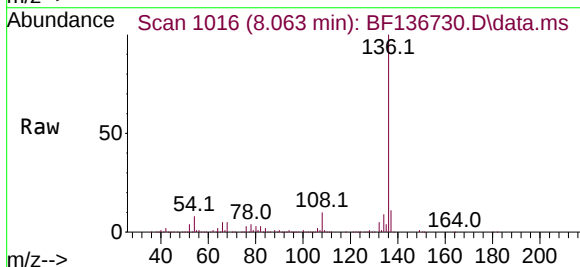
Ion Ratio Lower Upper

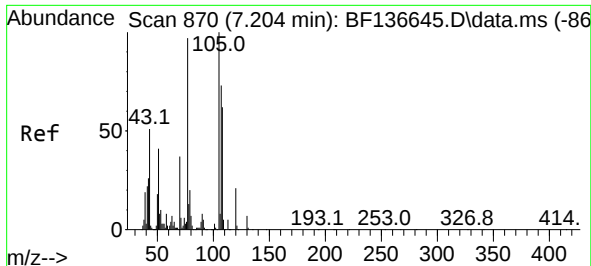
136 100

137 11.3 9.0 13.4

54 8.2 7.2 10.8

68 5.2 4.9 7.3

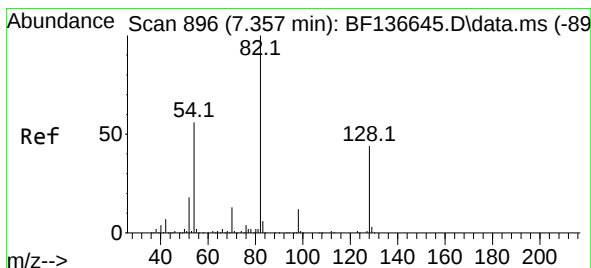
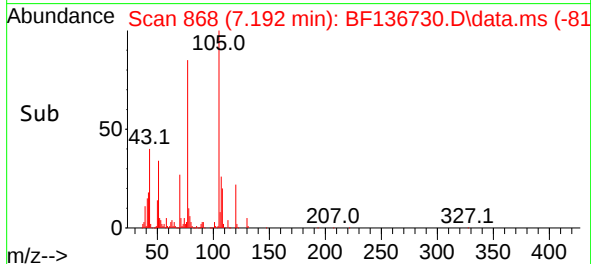
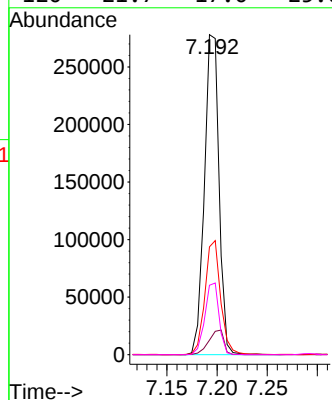
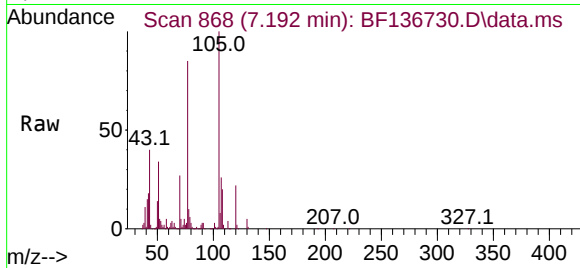




#22
Acetophenone
Concen: 44.548 ng
RT: 7.192 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

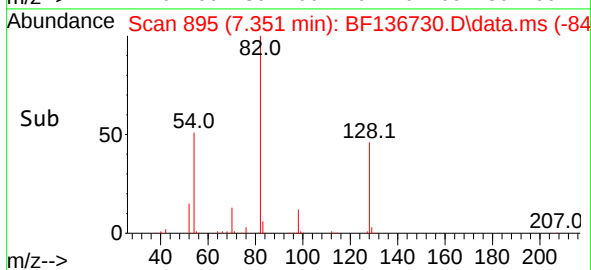
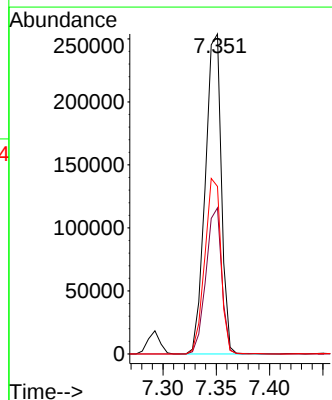
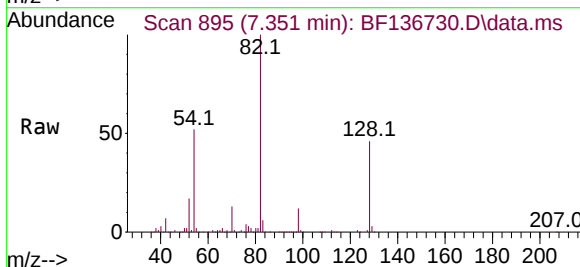
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

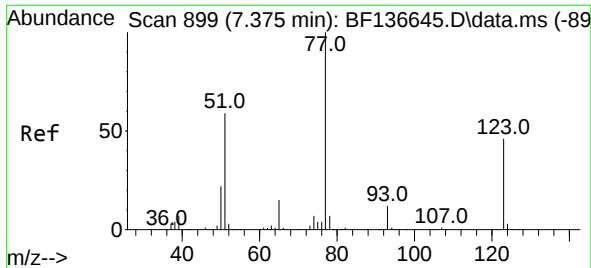
Tgt Ion:105 Resp: 283971
Ion Ratio Lower Upper
105 100
71 4.5 4.8 7.2#
51 33.7 32.8 49.2
120 21.7 17.0 25.6



#23
Nitrobenzene-d5
Concen: 53.652 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 82 Resp: 266651
Ion Ratio Lower Upper
82 100
128 45.7 35.3 52.9
54 52.3 44.5 66.7

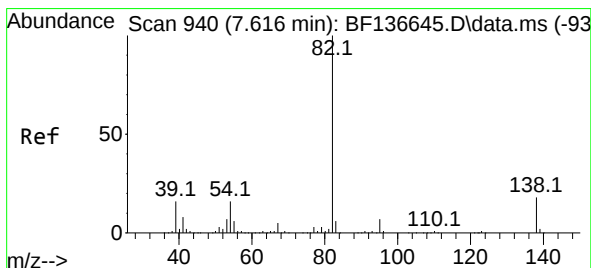
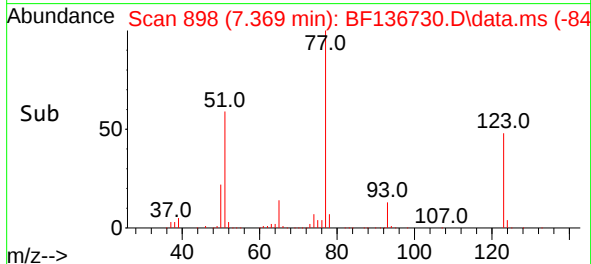
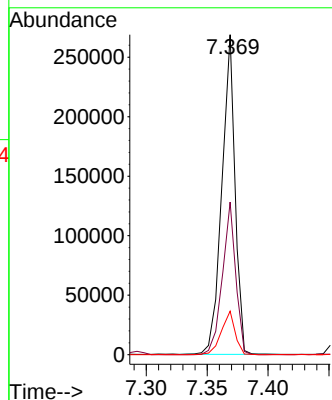
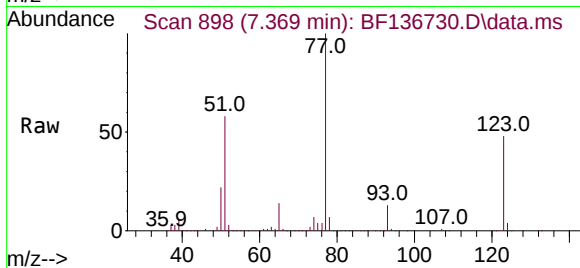




#24
Nitrobenzene
Concen: 40.902 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

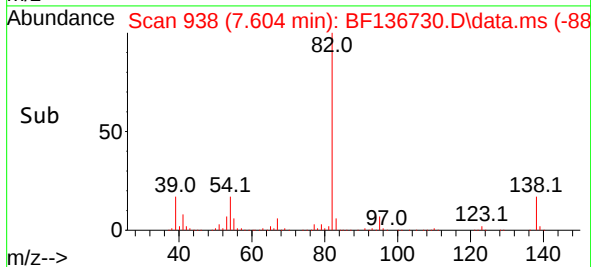
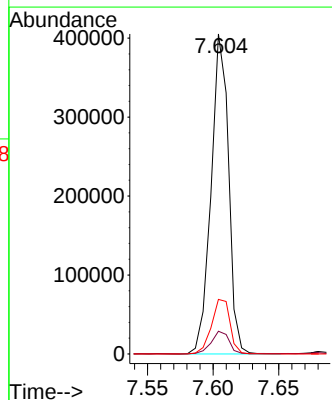
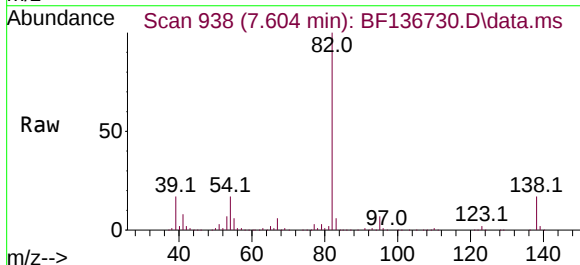
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

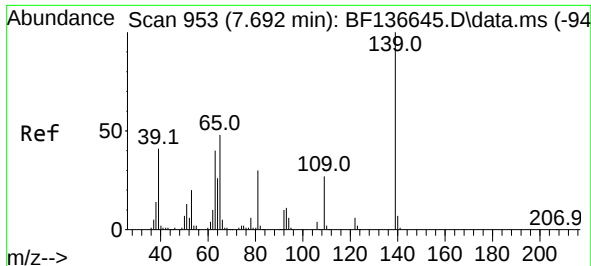
Tgt Ion: 77 Resp: 203636
Ion Ratio Lower Upper
77 100
123 47.7 36.7 55.1
65 13.6 11.8 17.6



#25
Isophorone
Concen: 41.536 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 82 Resp: 375631
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.0 14.5 21.7

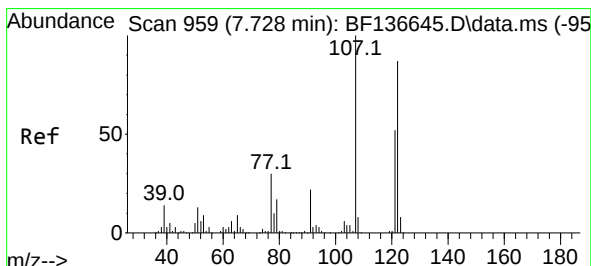
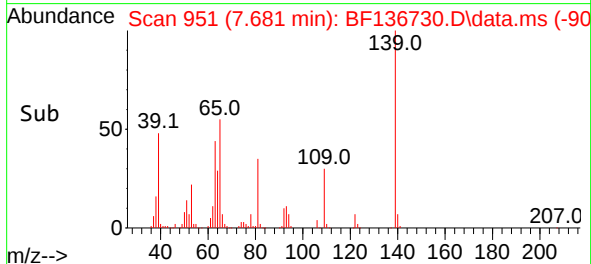
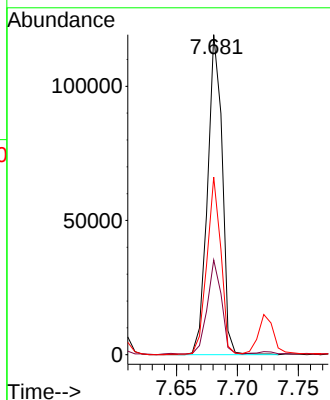
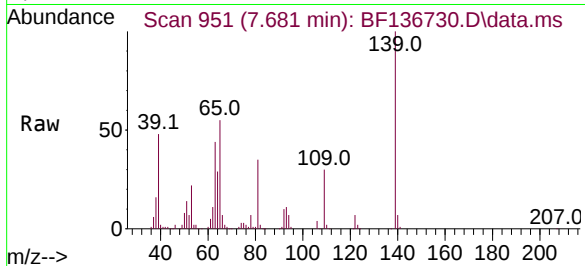




#26
2-Nitrophenol
Concen: 41.980 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

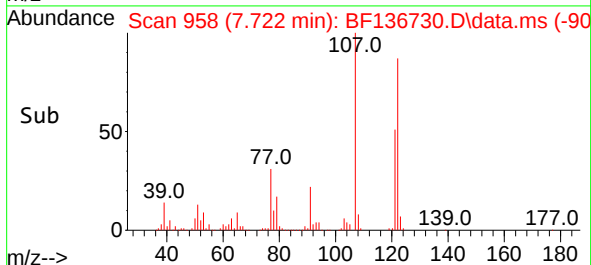
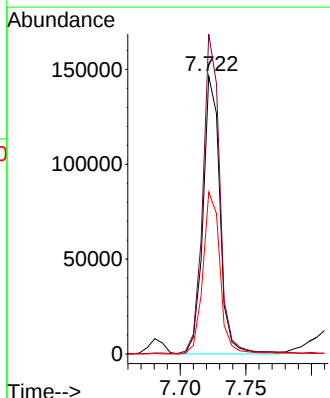
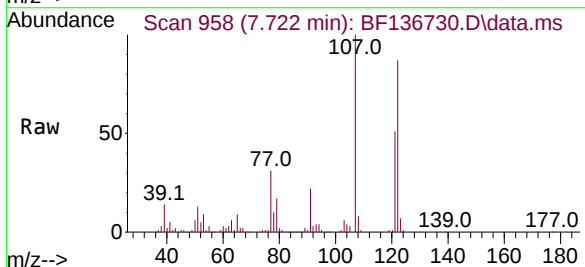
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

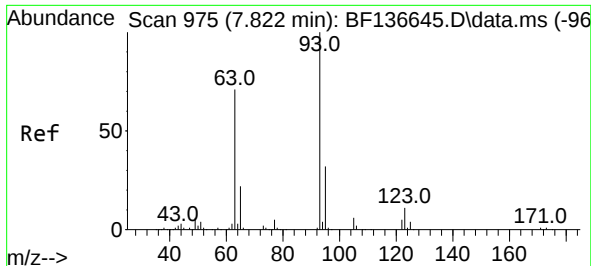
Tgt Ion:139	Resp:	99996
Ion Ratio	Lower	Upper
139	100	
109	29.6	21.9 32.9
65	55.5	38.6 58.0



#27
2,4-Dimethylphenol
Concen: 45.423 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:122	Resp:	131724
Ion Ratio	Lower	Upper
122	100	
107	115.2	92.0 138.0
121	58.3	47.5 71.3





#28

bis(2-Chloroethoxy)methane

Concen: 42.604 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

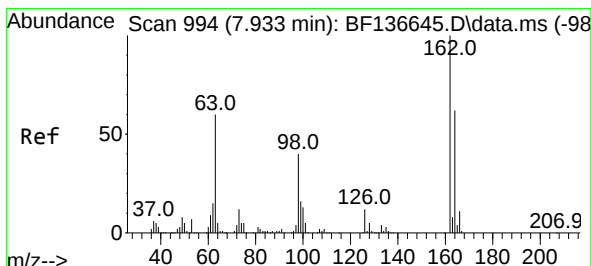
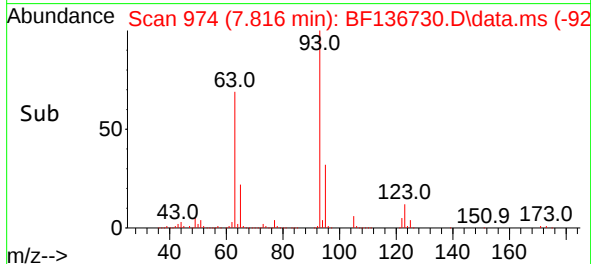
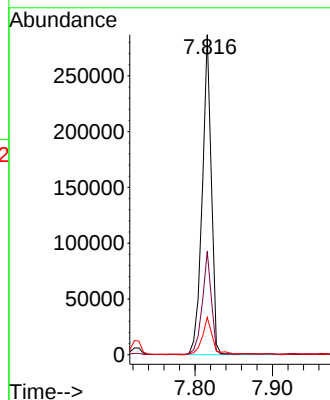
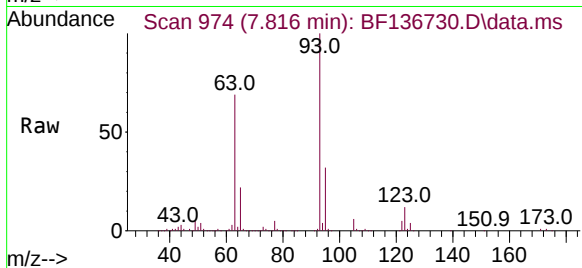
Tgt Ion: 93 Resp: 234195

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 11.6 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 42.091 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

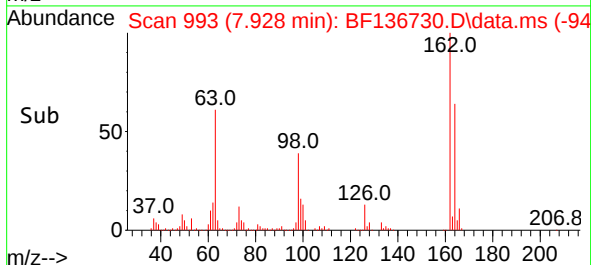
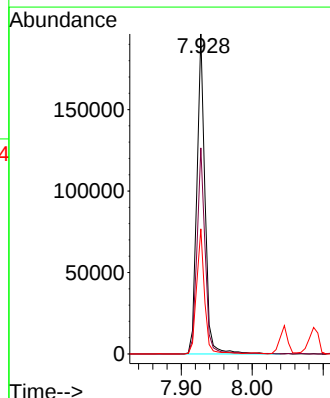
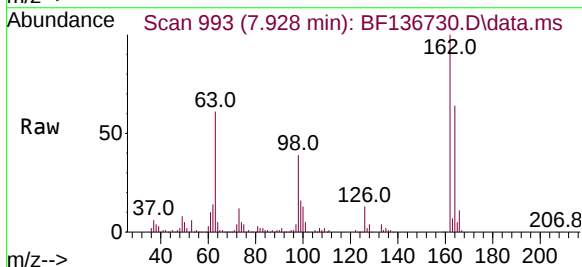
Tgt Ion:162 Resp: 157143

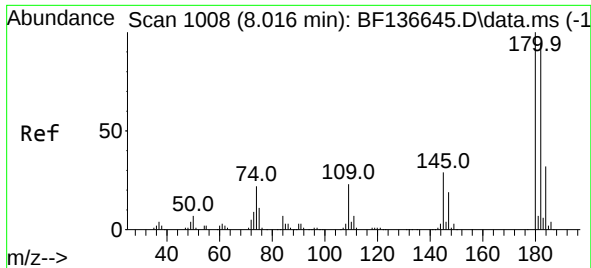
Ion Ratio Lower Upper

162 100

164 64.4 41.7 81.7

98 39.1 19.5 59.5

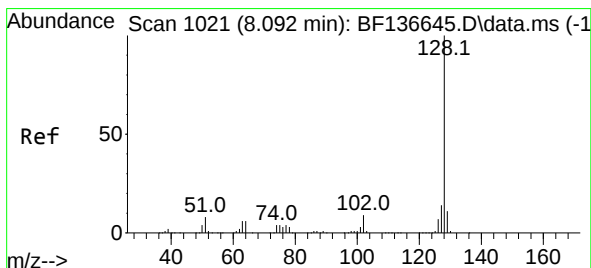
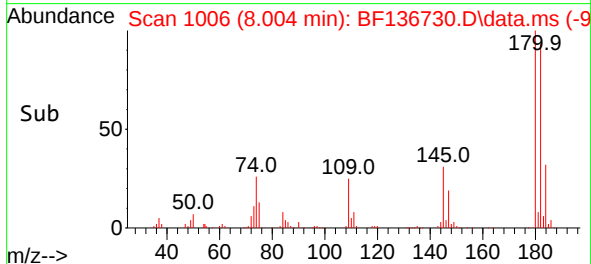
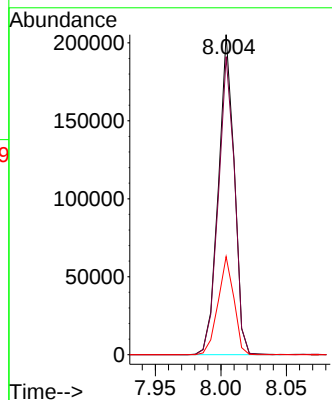
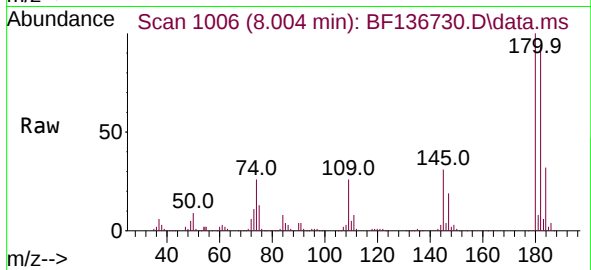




#30
1,2,4-Trichlorobenzene
Concen: 41.427 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

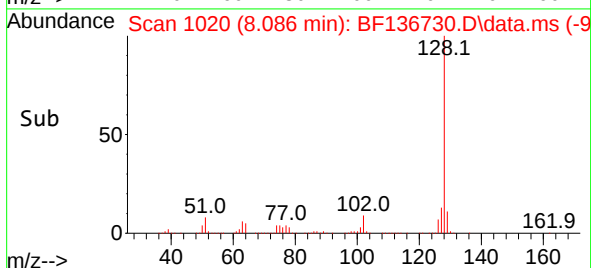
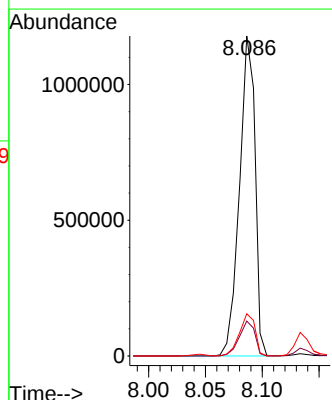
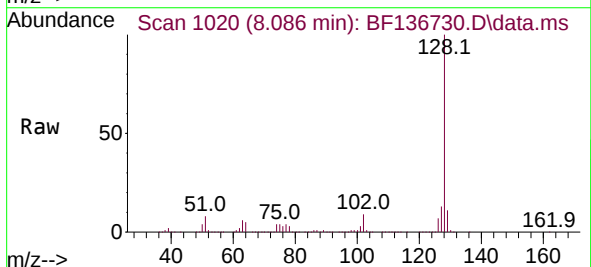
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

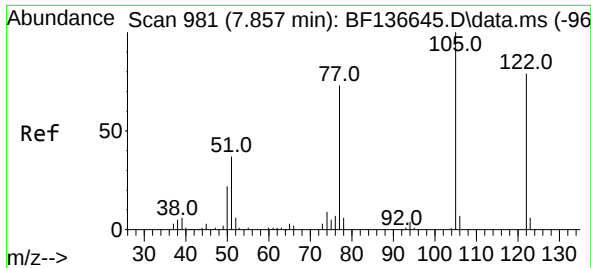
Tgt Ion:180 Resp: 172326
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 30.7 23.1 34.7



#31
Naphthalene
Concen: 80.543 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:128 Resp: 1125320
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2

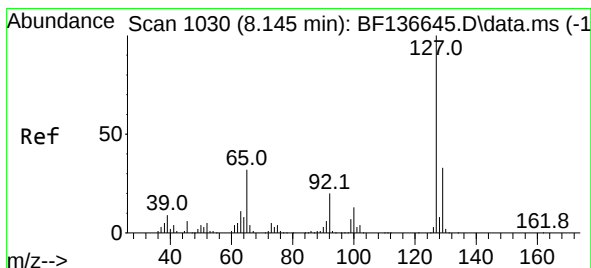
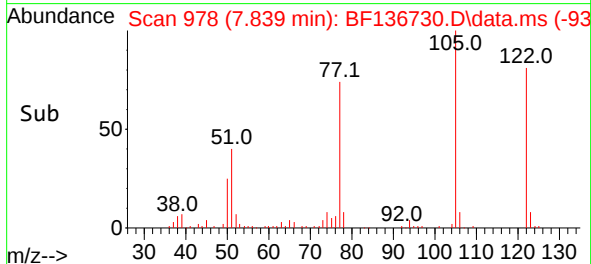
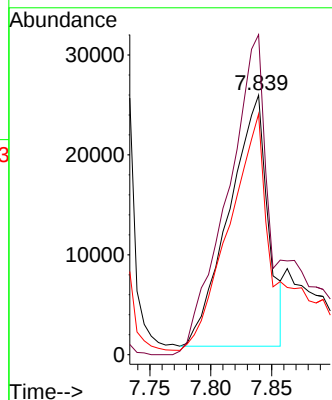
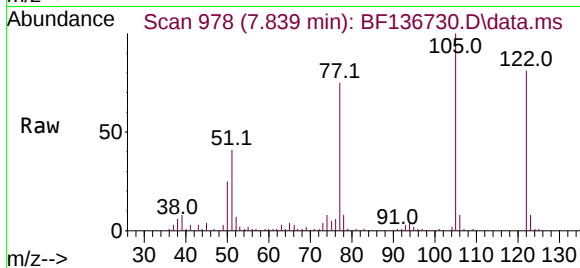




#32
Benzoic acid
Concen: 19.923 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

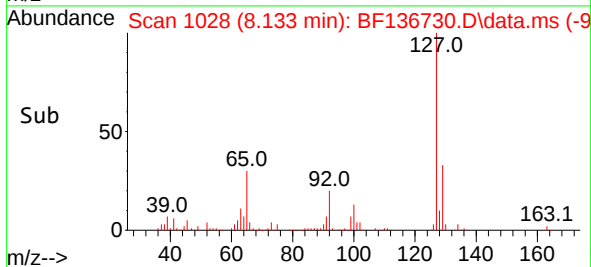
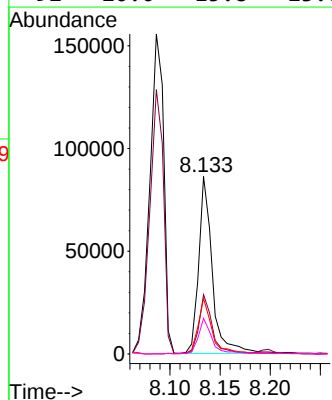
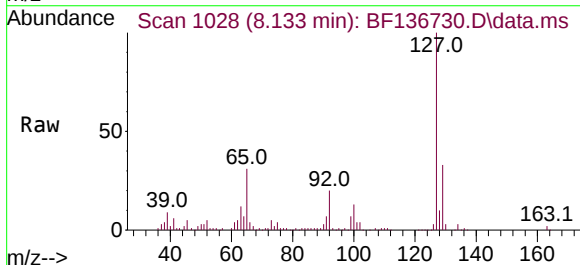
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

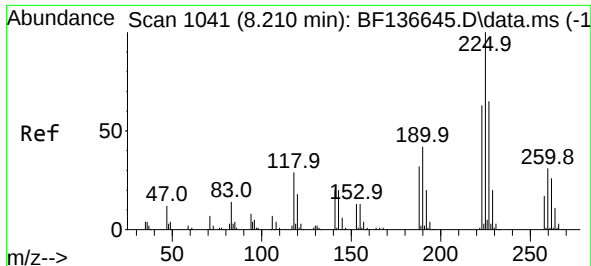
Tgt Ion:122 Resp: 55901
Ion Ratio Lower Upper
122 100
105 123.3 100.8 140.8
77 92.7 70.9 110.9



#33
4-Chloroaniline
Concen: 15.817 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:127 Resp: 81592
Ion Ratio Lower Upper
127 100
129 33.4 26.3 39.5
65 31.3 25.8 38.8
92 20.0 15.8 23.6

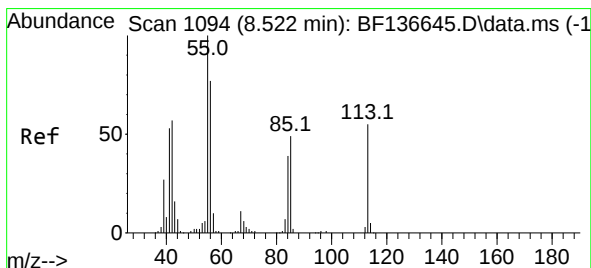
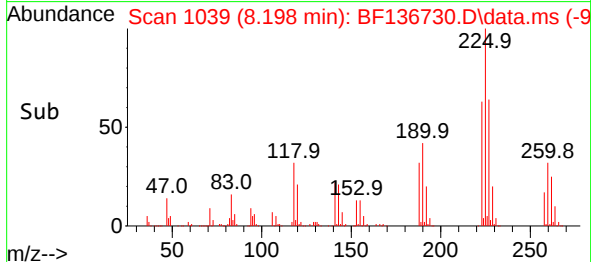
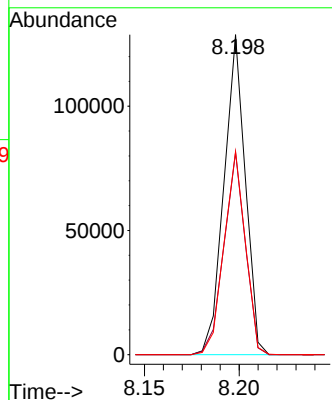
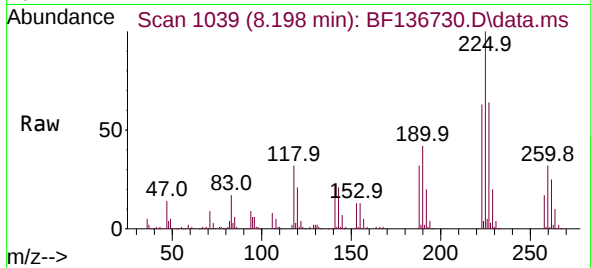




#34
Hexachlorobutadiene
Concen: 39.915 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

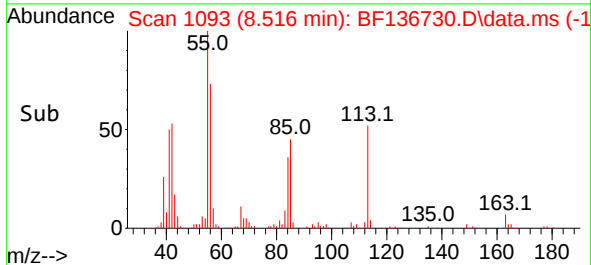
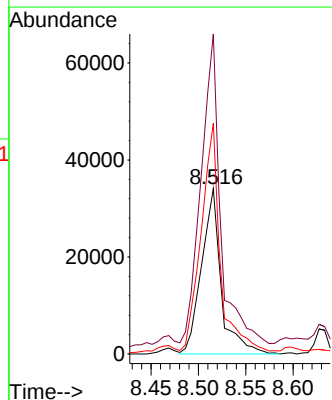
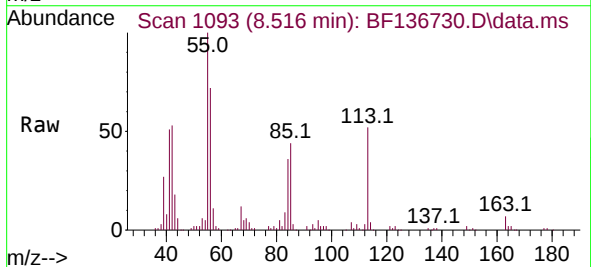
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

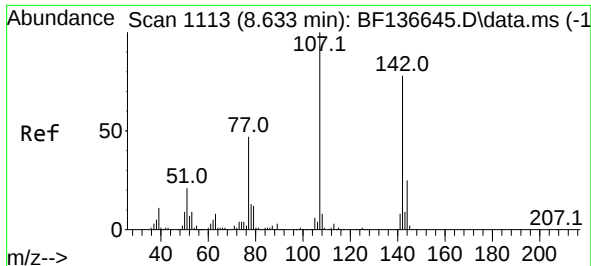
Tgt Ion:225 Resp: 100878
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.5 51.9 77.9



#35
Caprolactam
Concen: 39.940 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:113 Resp: 49192
Ion Ratio Lower Upper
113 100
55 193.6 163.1 203.1
56 139.6 121.7 161.7

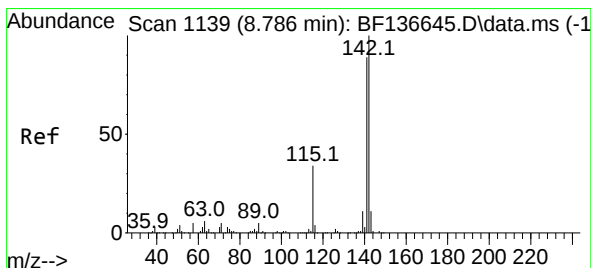
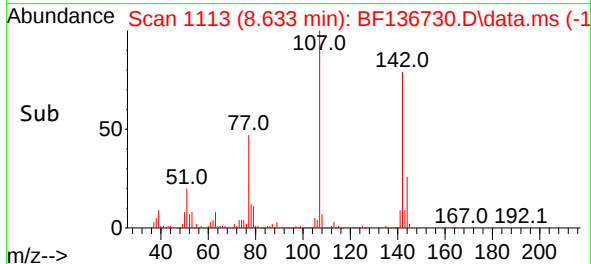
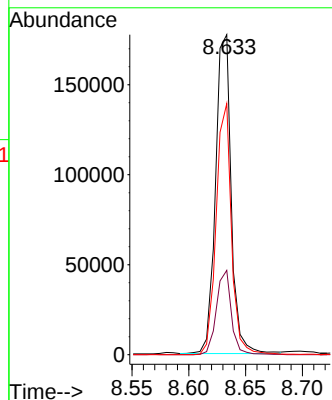
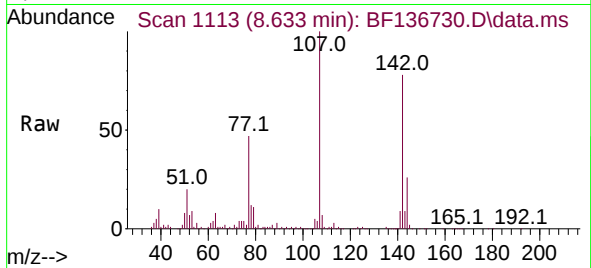




#36
4-Chloro-3-methylphenol
Concen: 40.503 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

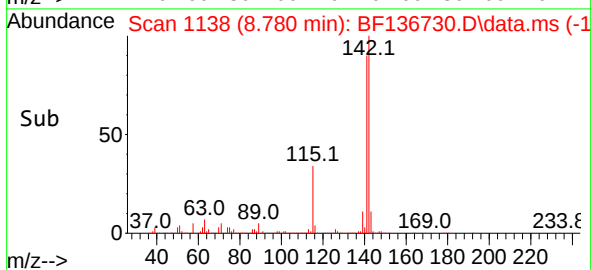
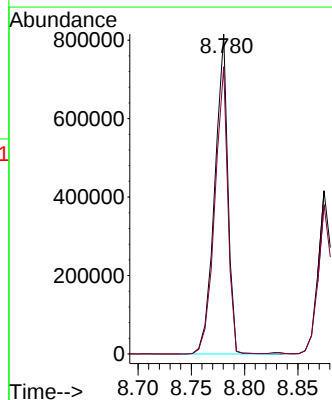
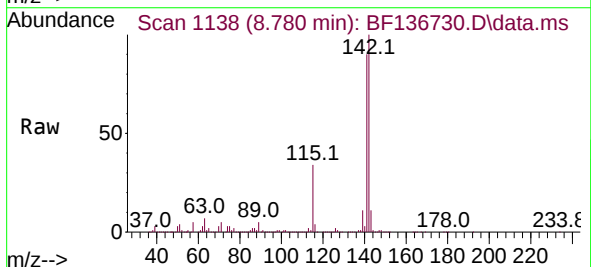
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

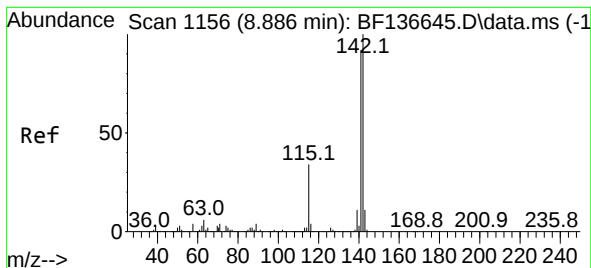
Tgt Ion:107 Resp: 170234
Ion Ratio Lower Upper
107 100
144 26.3 20.2 30.2
142 78.4 62.3 93.5



#37
2-Methylnaphthalene
Concen: 77.588 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:142 Resp: 697653
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#38

1-Methylnaphthalene

Concen: 39.151 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

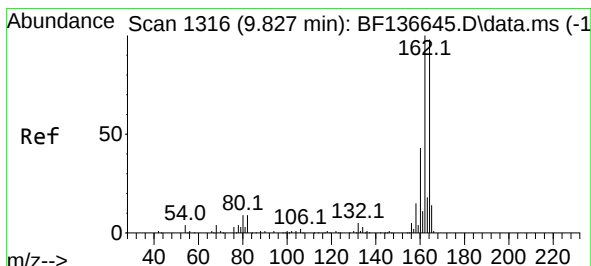
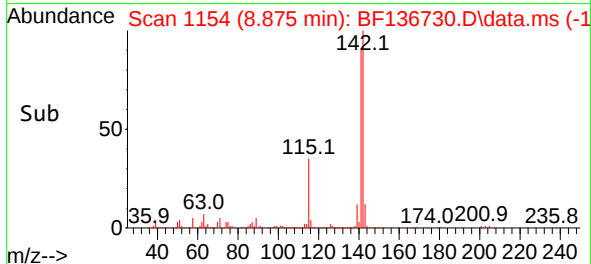
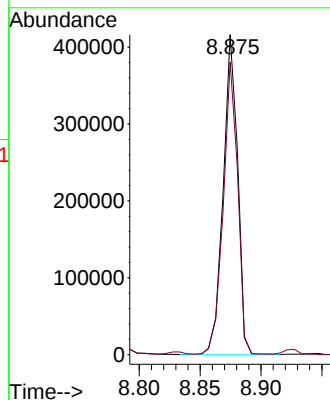
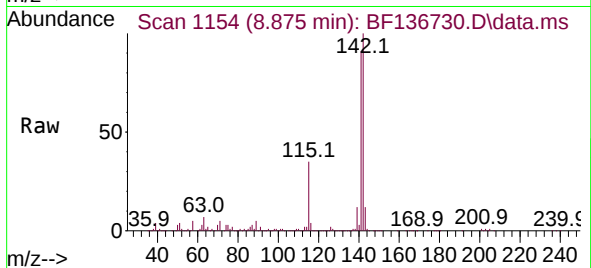
RT-SB-03-9.5-10.5MS

Tgt Ion:142 Resp: 345380

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

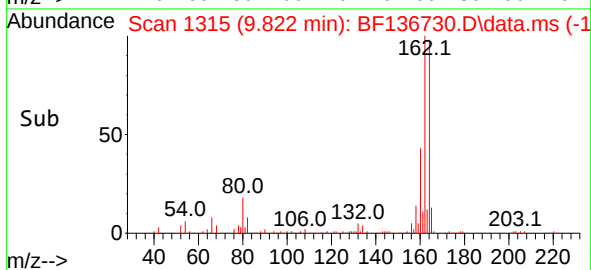
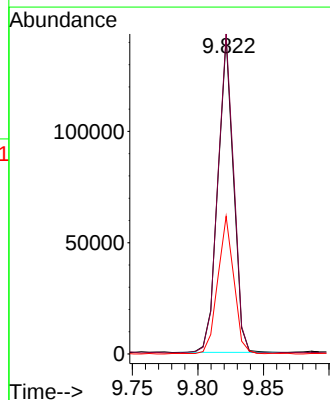
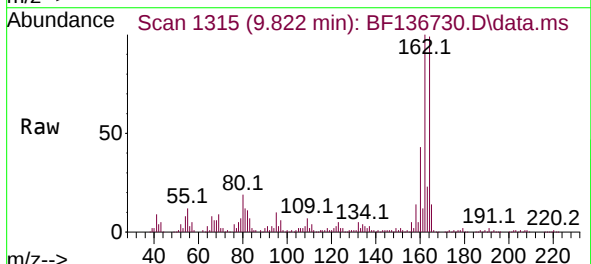
Tgt Ion:164 Resp: 117572

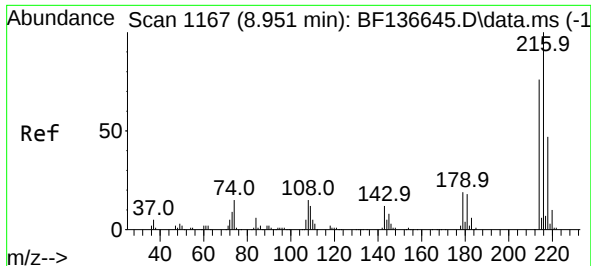
Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

160 43.6 34.9 52.3

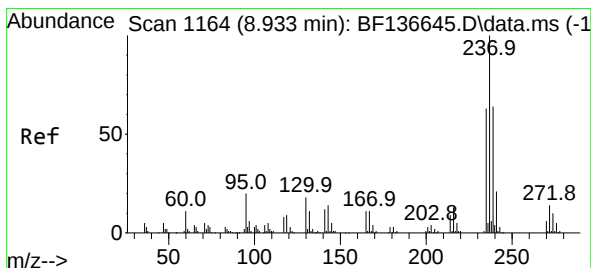
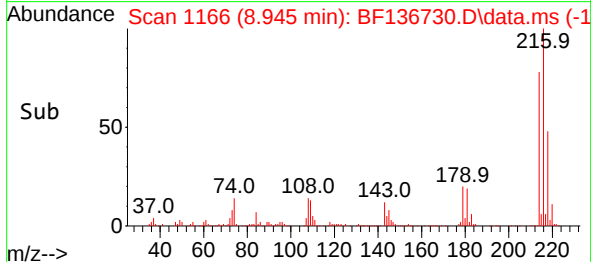
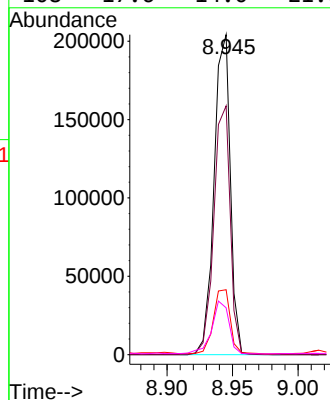
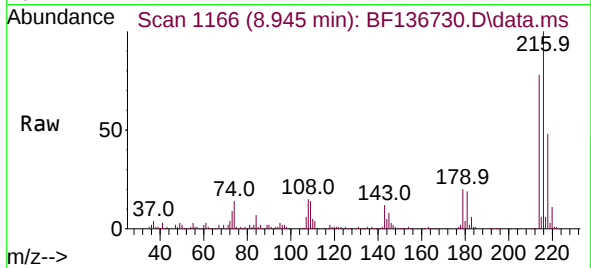




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.234 ng
 RT: 8.945 min Scan# 1166
 Delta R.T. -0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

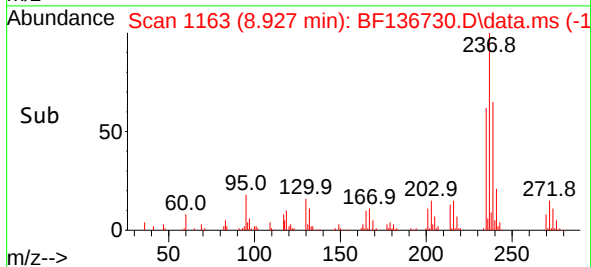
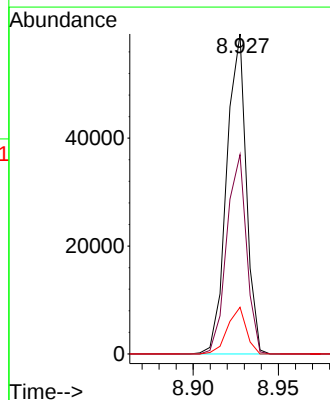
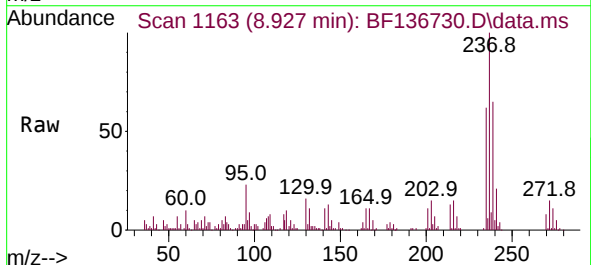
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

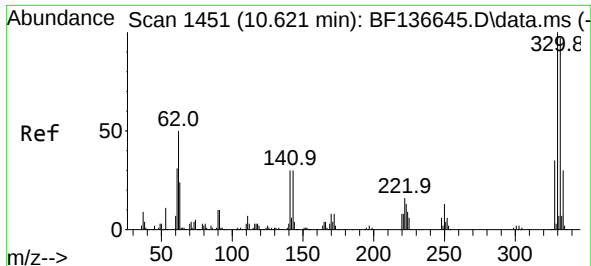
Tgt Ion:	216	Resp:	175628
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.3	93.5
179	20.9	16.4	24.6
108	17.6	14.0	21.0



#41
 Hexachlorocyclopentadiene
 Concen: 43.239 ng
 RT: 8.927 min Scan# 1163
 Delta R.T. -0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

Tgt Ion:	237	Resp:	47415
Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.2	83.2
272	14.6	0.0	34.2





#42

2,4,6-Tribromophenol

Concen: 23.127 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

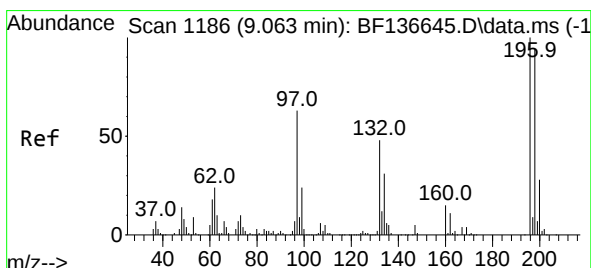
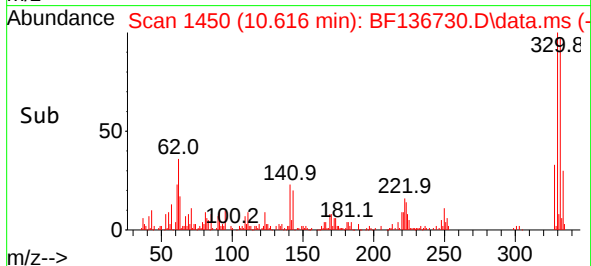
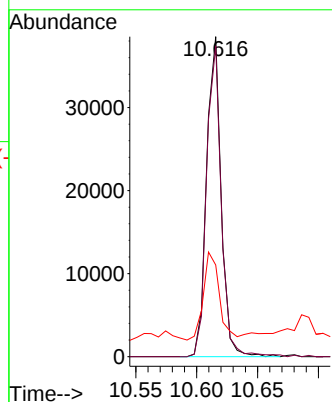
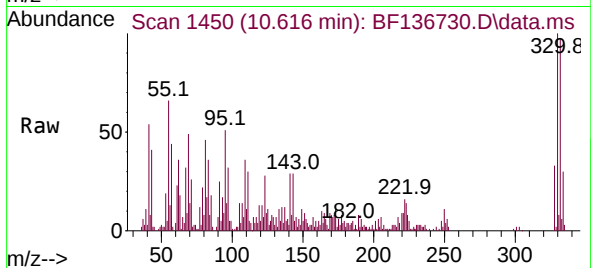
Tgt Ion:330 Resp: 32024

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 30.0 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 45.570 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

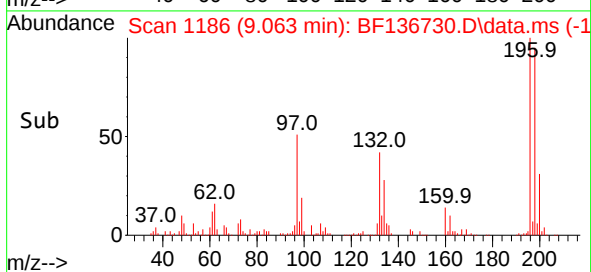
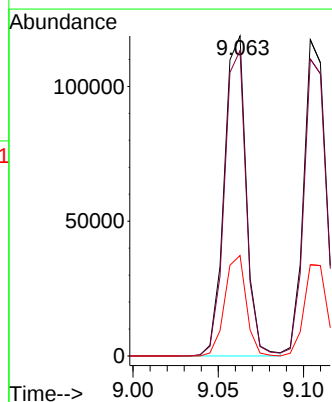
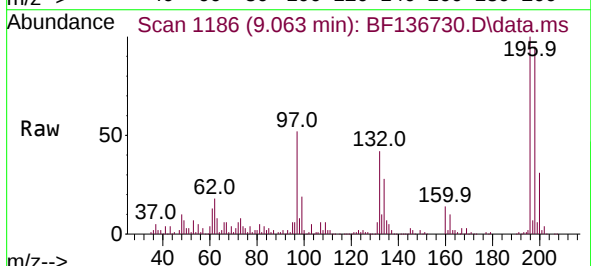
Tgt Ion:196 Resp: 106412

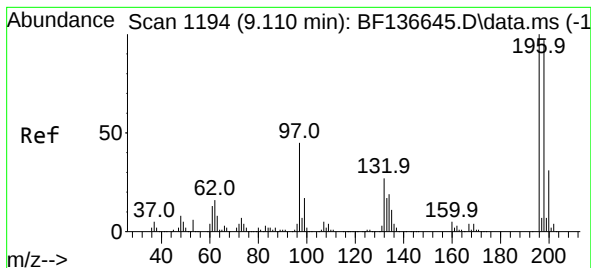
Ion Ratio Lower Upper

196 100

198 95.4 75.1 112.7

200 31.4 22.5 33.7





#44

2,4,5-Trichlorophenol

Concen: 43.195 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF136730.D

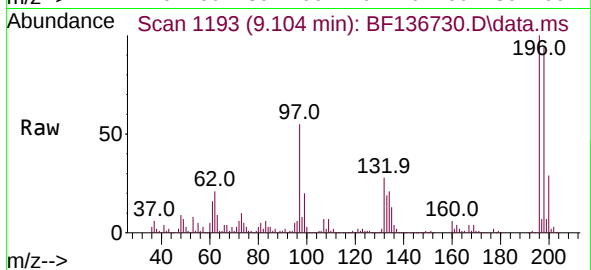
Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS



Tgt Ion:196 Resp: 112400

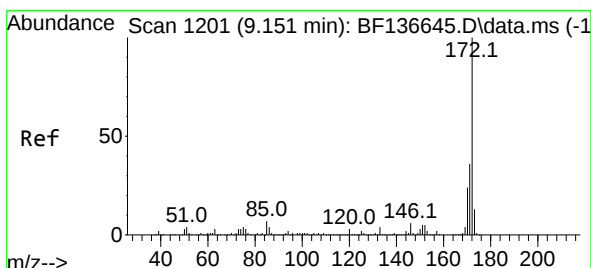
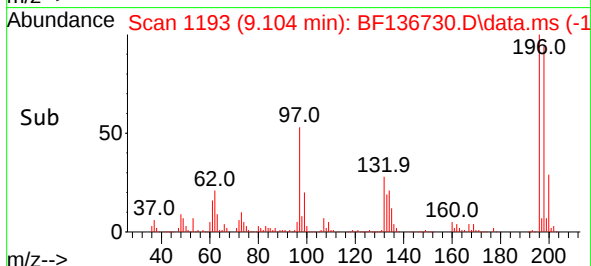
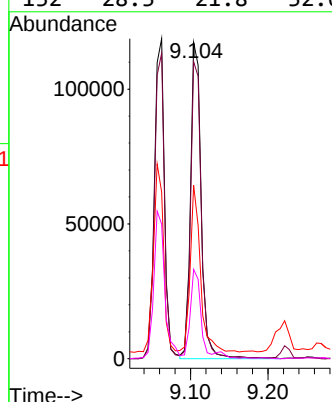
Ion Ratio Lower Upper

196 100

198 93.9 77.0 115.6

97 54.9 36.1 54.1#

132 28.3 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 51.410 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

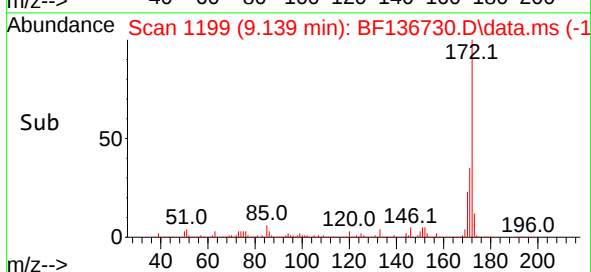
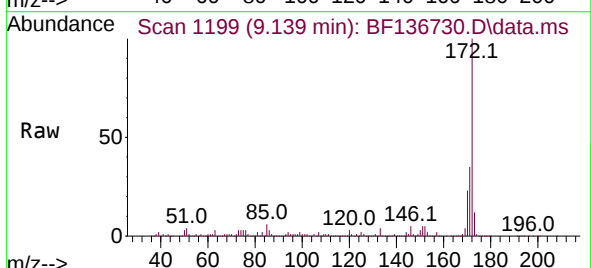
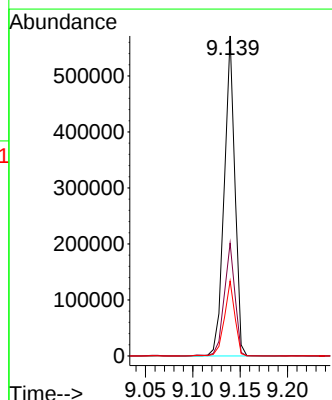
Tgt Ion:172 Resp: 449402

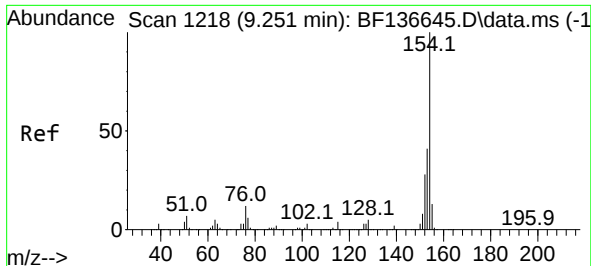
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.5 19.0 28.4





#46

1,1'-Biphenyl

Concen: 46.877 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

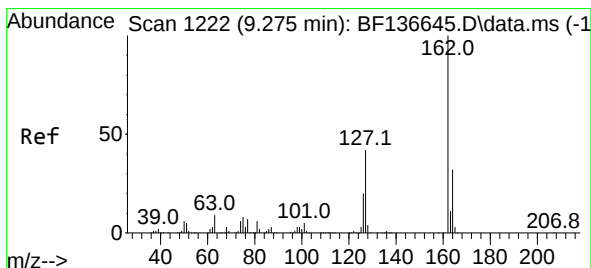
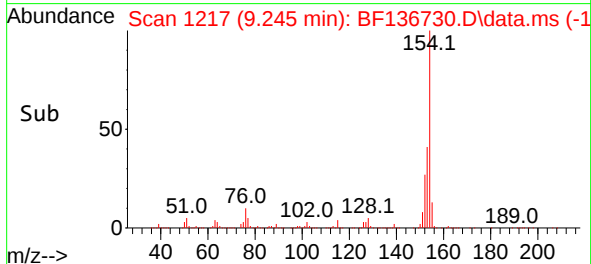
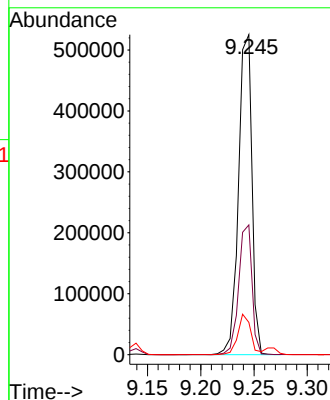
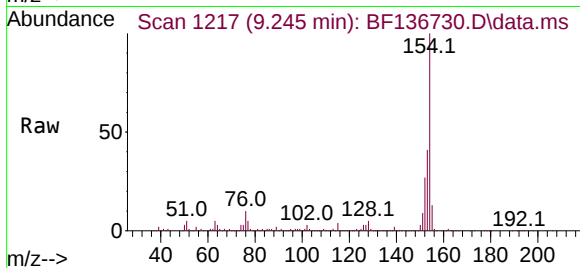
Tgt Ion:154 Resp: 462490

Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

76 10.1 0.0 31.7



#47

2-Chloronaphthalene

Concen: 43.840 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

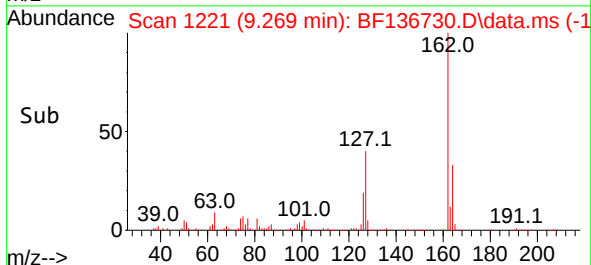
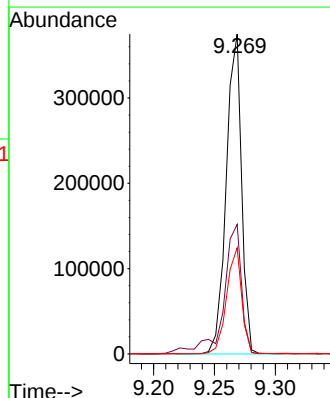
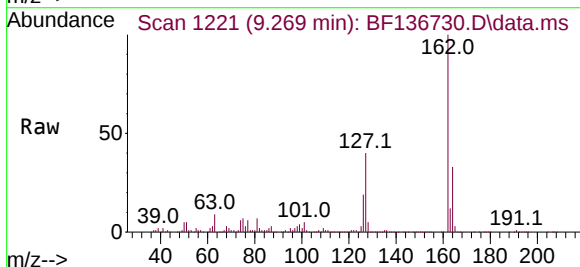
Tgt Ion:162 Resp: 328812

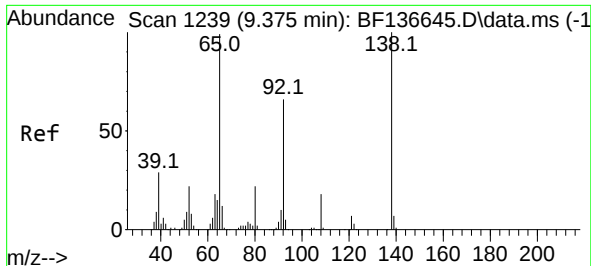
Ion Ratio Lower Upper

162 100

127 40.5 33.6 50.4

164 33.2 25.7 38.5

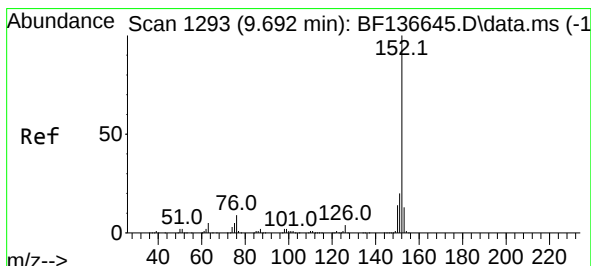
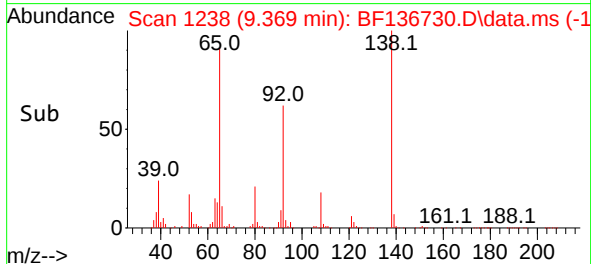
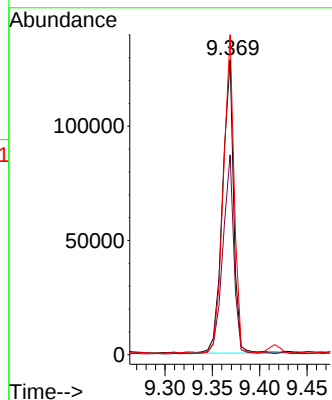
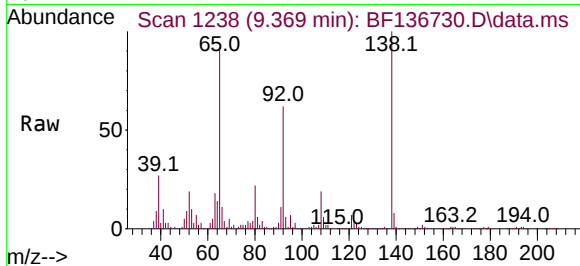




#48
2-Nitroaniline
Concen: 45.437 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

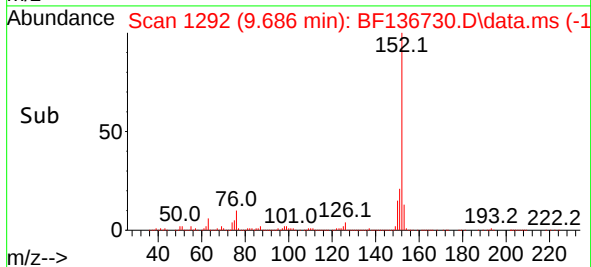
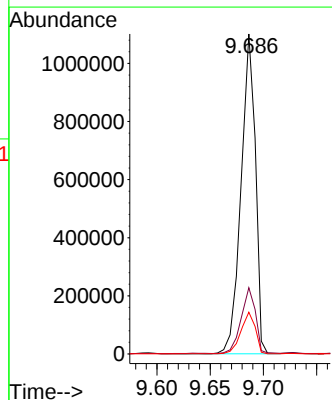
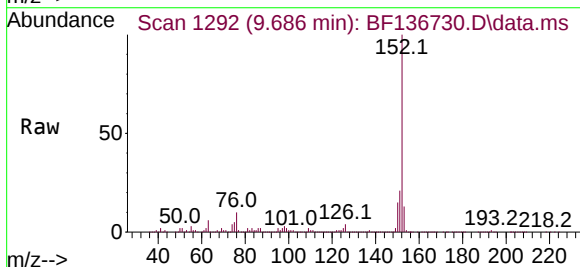
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

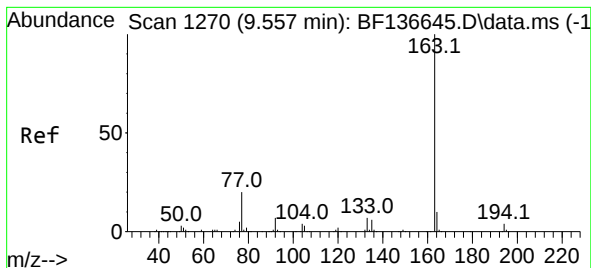
Tgt Ion: 65 Resp: 106719
Ion Ratio Lower Upper
65 100
92 67.7 53.2 79.8
138 108.4 81.1 121.7



#49
Acenaphthylene
Concen: 90.182 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 152 Resp: 1033868
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.1 10.2 15.2





#50

Dimethylphthalate

Concen: 45.078 ng

RT: 9.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

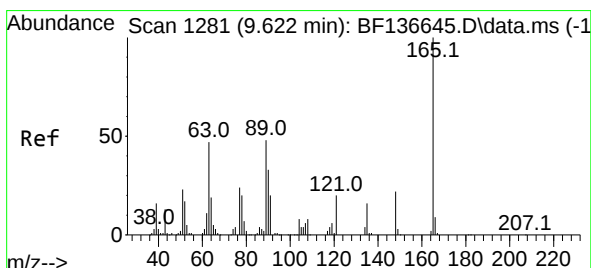
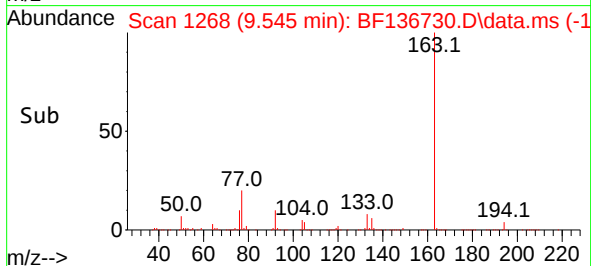
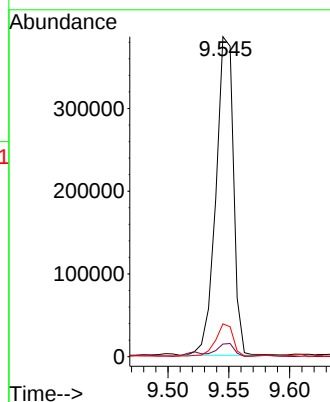
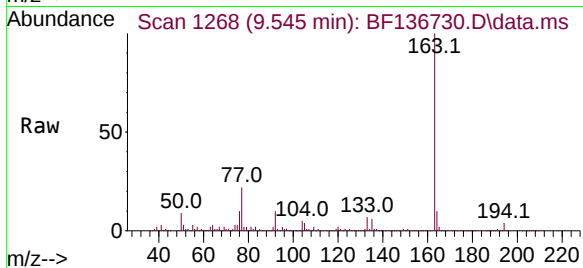
Tgt Ion:163 Resp: 387116

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.8 11.6



#51

2,6-Dinitrotoluene

Concen: 43.580 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

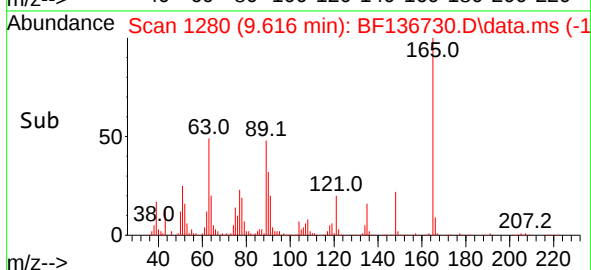
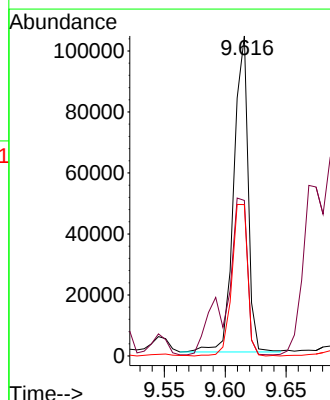
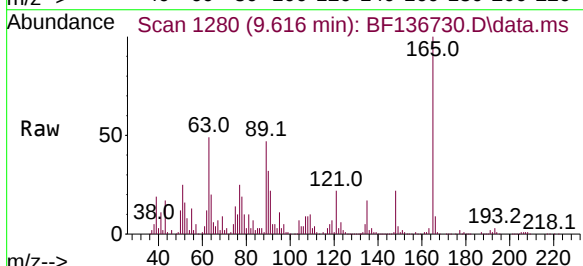
Tgt Ion:165 Resp: 84938

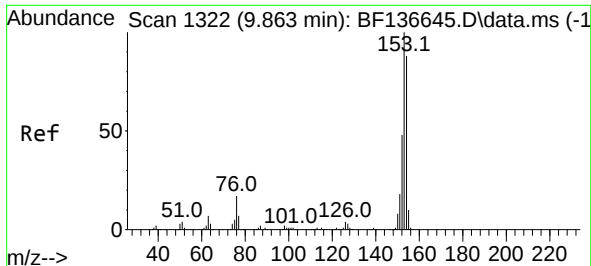
Ion Ratio Lower Upper

165 100

63 48.6 39.8 59.6

89 47.3 38.8 58.2

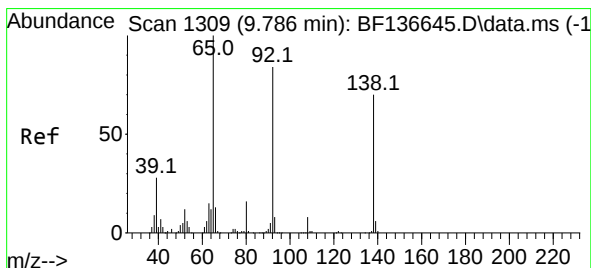
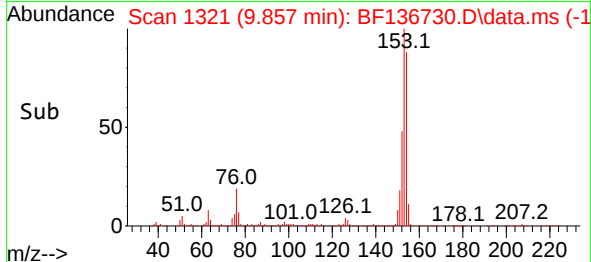
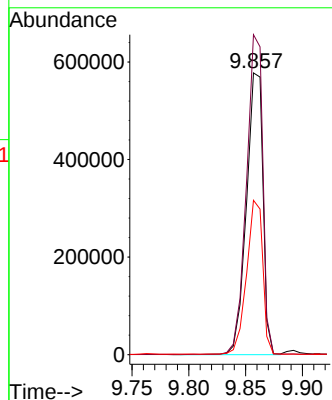
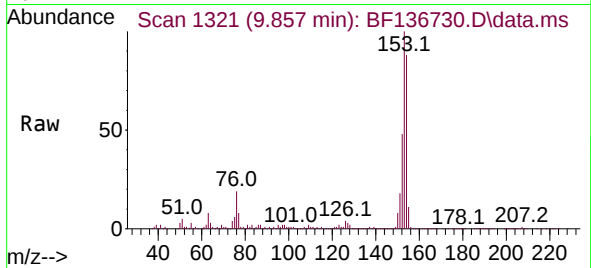




#52
Acenaphthene
Concen: 82.579 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

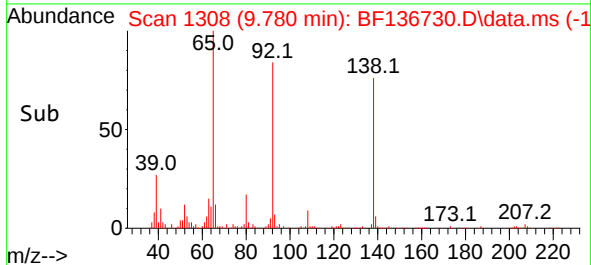
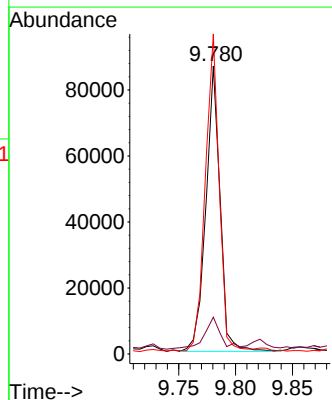
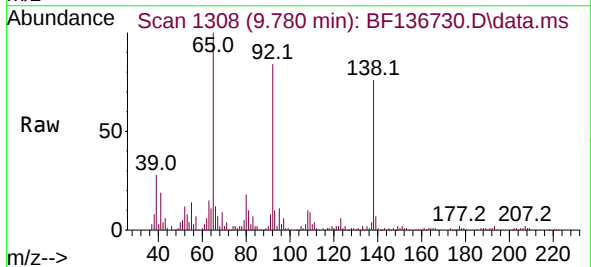
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

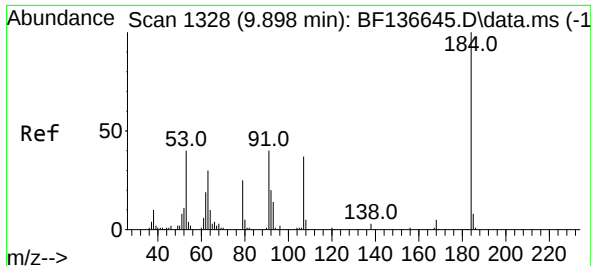
Tgt Ion:154 Resp: 586839
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.8 43.7 65.5



#53
3-Nitroaniline
Concen: 36.411 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:138 Resp: 75174
Ion Ratio Lower Upper
138 100
108 12.8 8.6 12.8
92 111.1 95.2 142.8

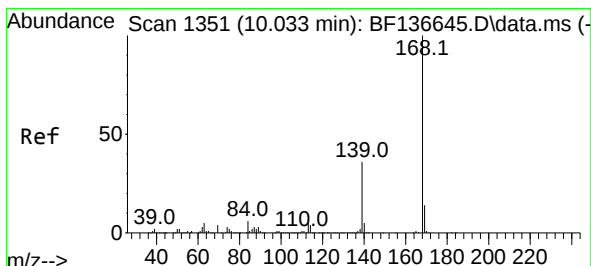
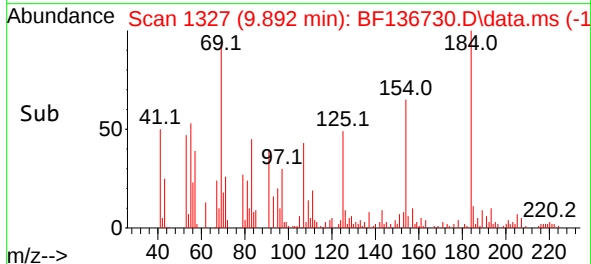
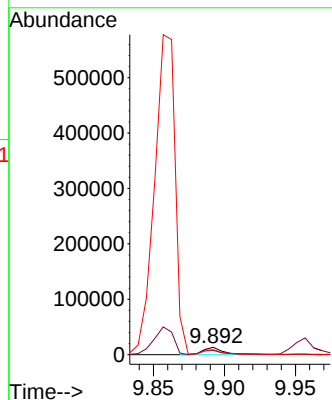
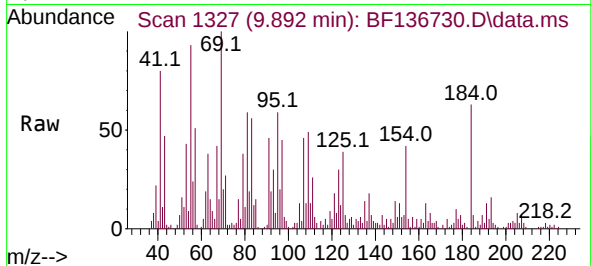




#54
2,4-Dinitrophenol
Concen: 15.713 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

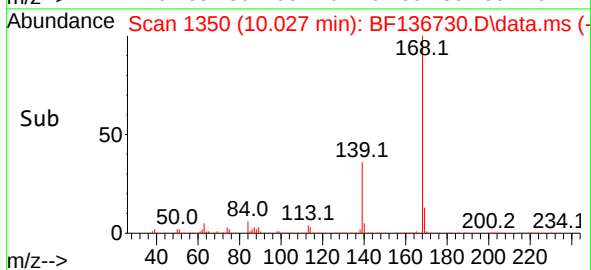
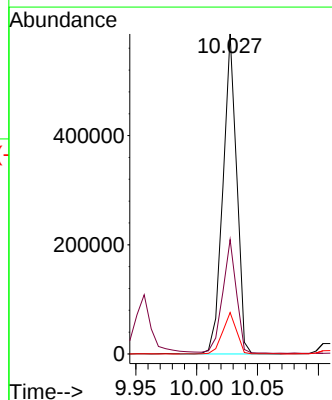
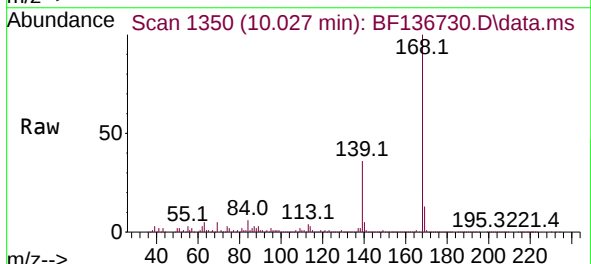
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

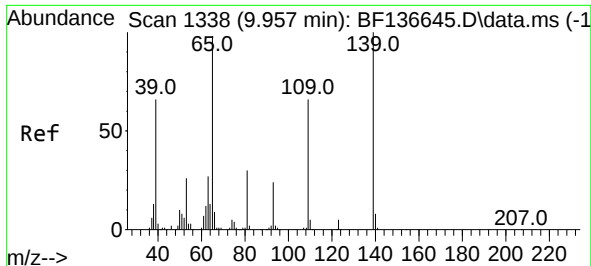
Tgt Ion:184 Resp: 13572
Ion Ratio Lower Upper
184 100
63 60.3 40.9 61.3
154 67.5 42.7 64.1#



#55
Dibenzofuran
Concen: 42.771 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:168 Resp: 460740
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.0 11.0 16.4

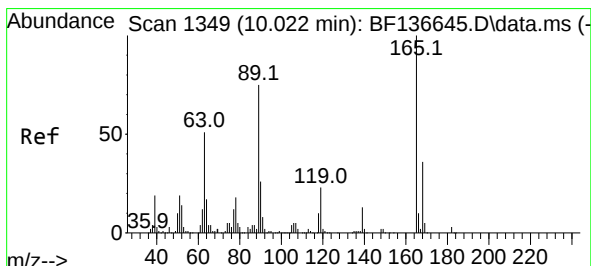
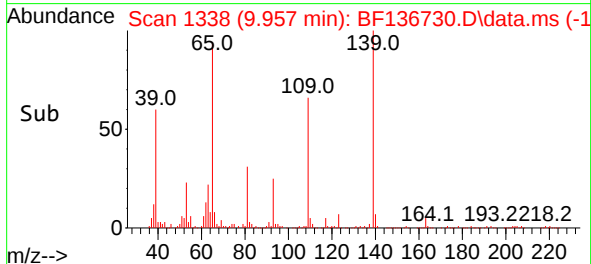
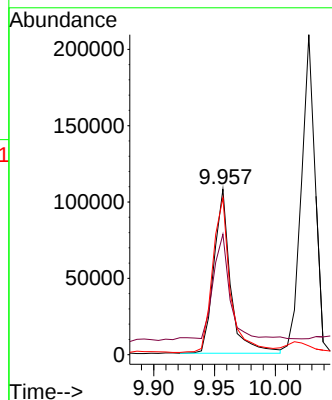
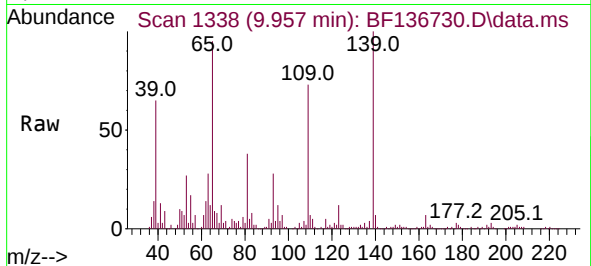




#56
4-Nitrophenol
Concen: 73.167 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

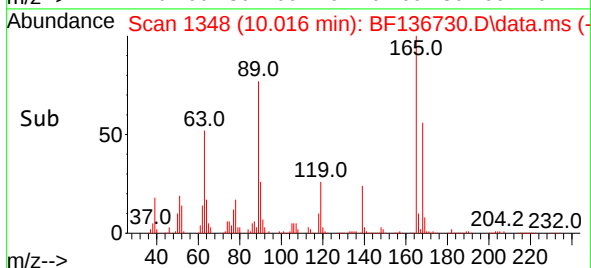
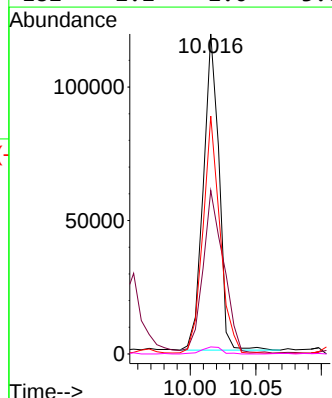
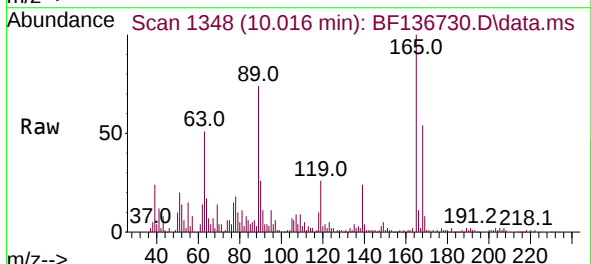
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

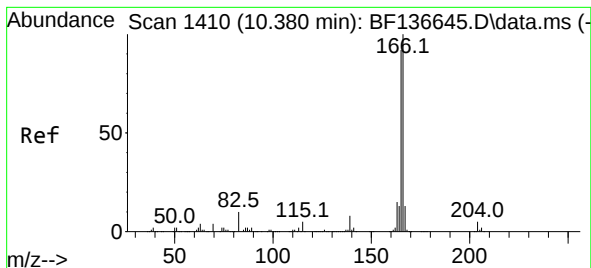
Tgt Ion:139 Resp: 101975
Ion Ratio Lower Upper
139 100
109 72.8 45.8 85.8
65 95.0 77.8 117.8



#57
2,4-Dinitrotoluene
Concen: 39.030 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:165 Resp: 98754
Ion Ratio Lower Upper
165 100
63 51.1 41.0 61.6
89 74.4 59.9 89.9
182 2.2 2.0 3.0





#58

Fluorene

Concen: 78.585 ng

RT: 10.374 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

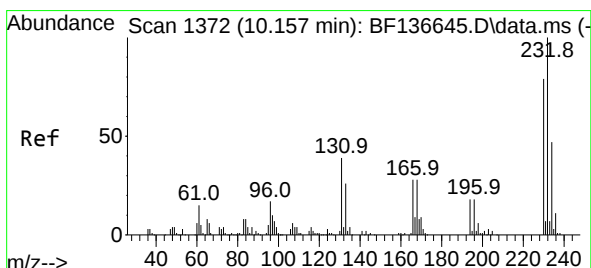
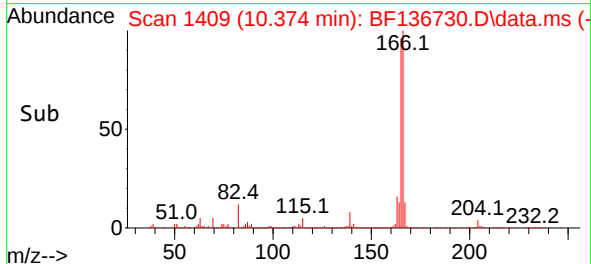
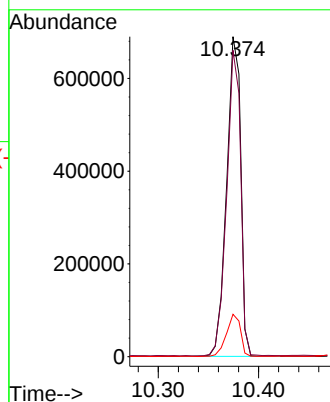
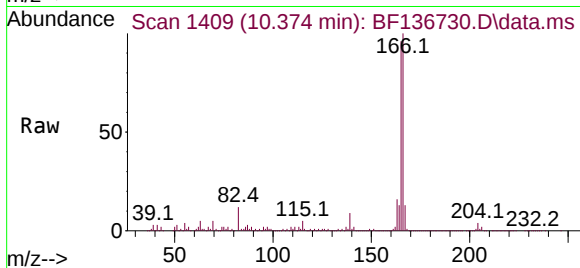
Tgt Ion:166 Resp: 671703

Ion Ratio Lower Upper

166 100

165 95.8 73.7 110.5

167 13.2 10.4 15.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 37.819 ng

RT: 10.151 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Tgt Ion:232 Resp: 75755

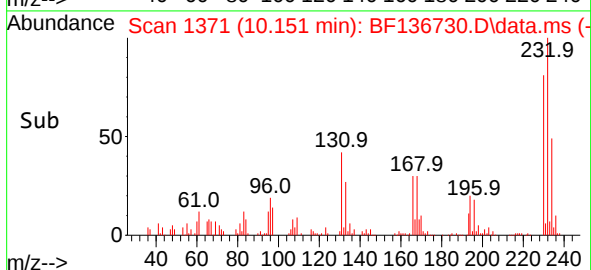
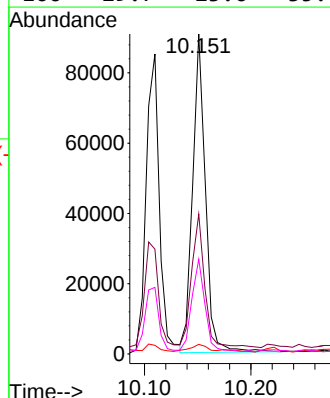
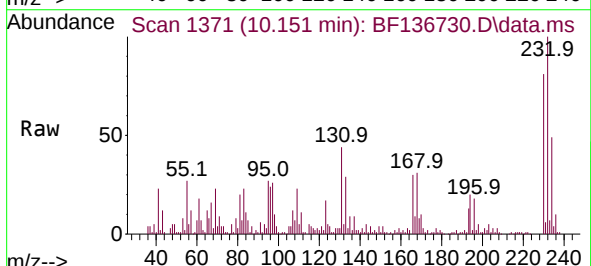
Ion Ratio Lower Upper

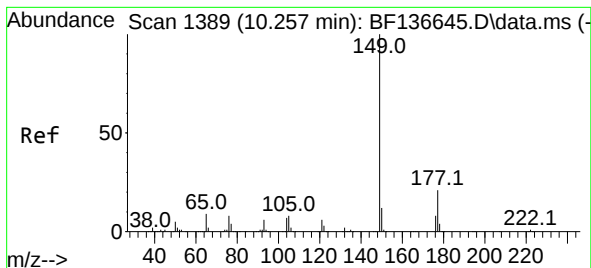
232 100

131 43.4 35.1 52.7

130 2.9 1.6 2.4#

166 29.7 23.6 35.4





#60

Diethylphthalate

Concen: 40.911 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

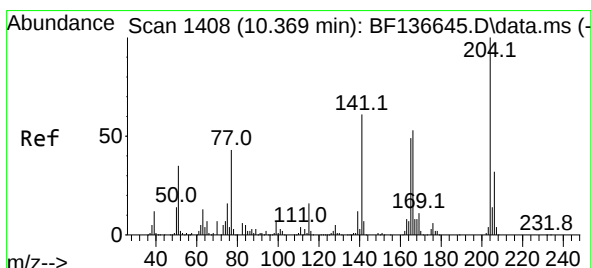
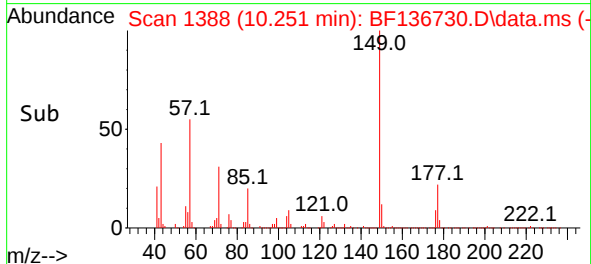
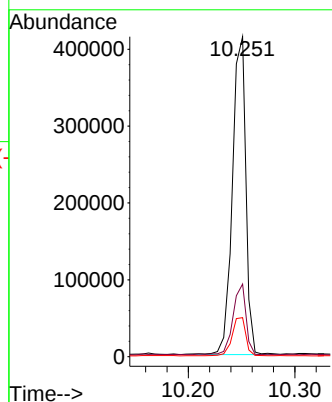
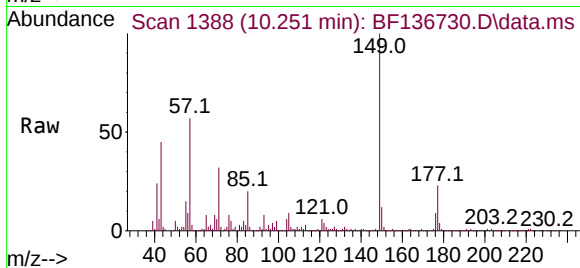
Tgt Ion:149 Resp: 364533

Ion Ratio Lower Upper

149 100

177 22.7 16.9 25.3

150 12.2 9.3 13.9



#61

4-Chlorophenyl-phenylether

Concen: 38.857 ng

RT: 10.369 min Scan# 1408

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

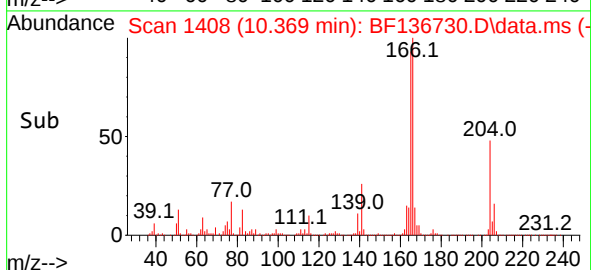
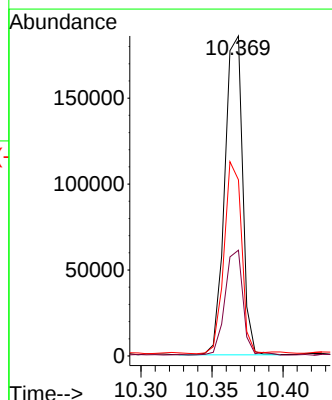
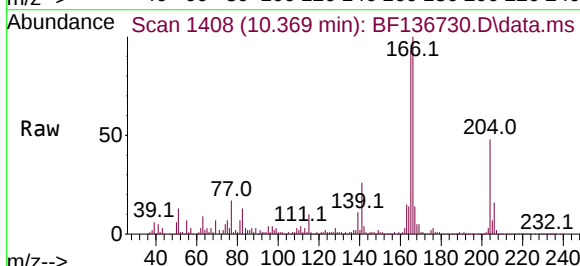
Tgt Ion:204 Resp: 161439

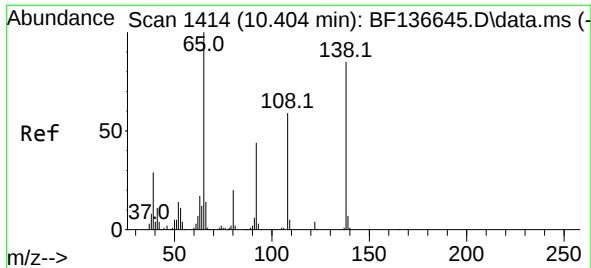
Ion Ratio Lower Upper

204 100

206 33.1 25.6 38.4

141 55.0 48.4 72.6

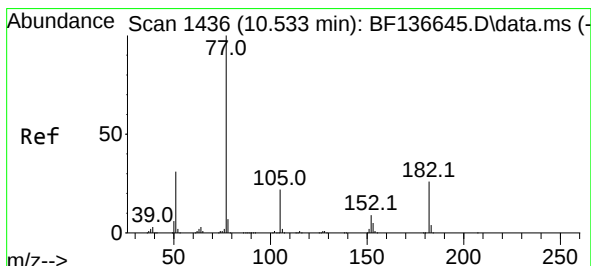
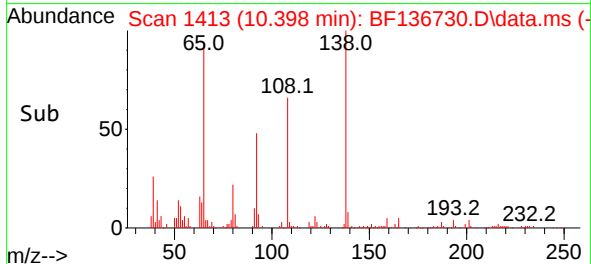
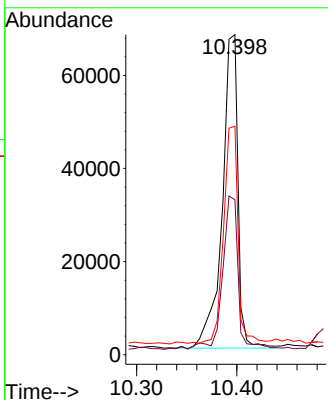
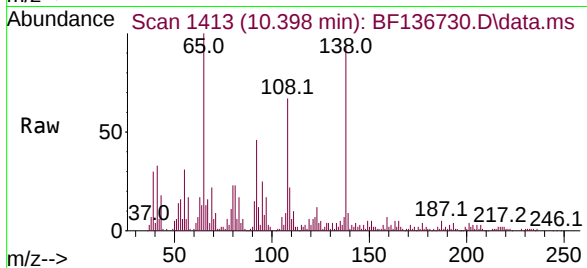




#62
4-Nitroaniline
Concen: 36.829 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

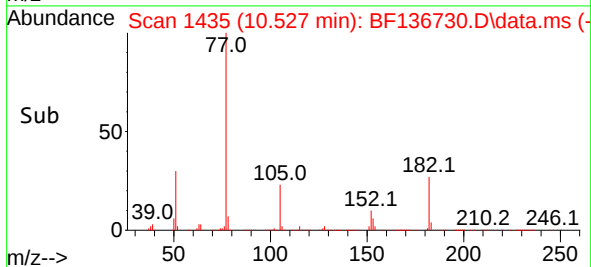
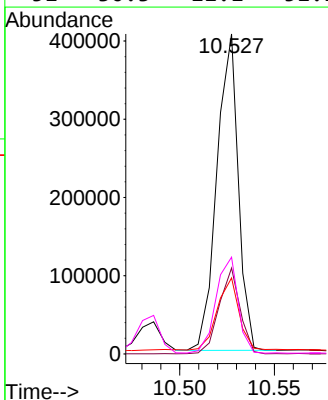
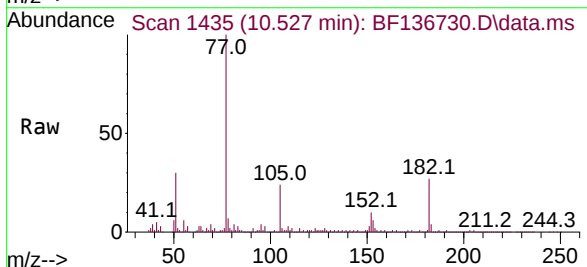
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

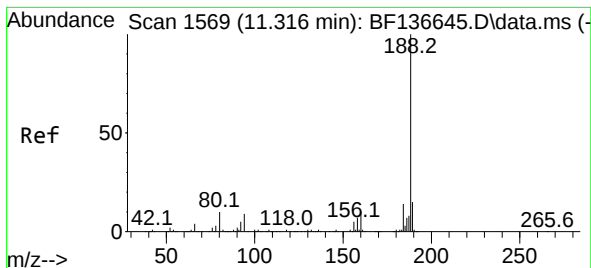
Tgt Ion:138 Resp: 73302
Ion Ratio Lower Upper
138 100
92 48.4 32.1 72.1
108 71.4 50.1 90.1



#63
Azobenzene
Concen: 38.168 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion: 77 Resp: 317643
Ion Ratio Lower Upper
77 100
182 26.9 6.0 46.0
105 23.7 2.3 42.3
51 30.3 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

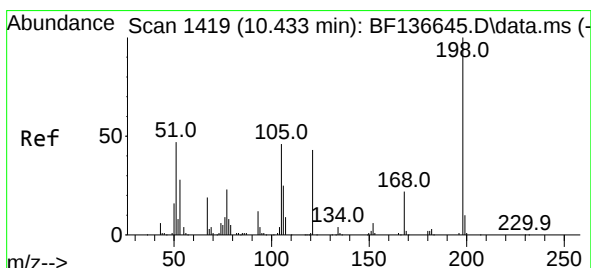
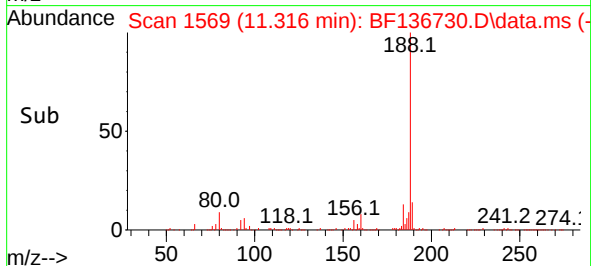
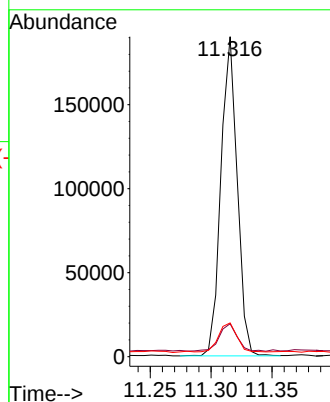
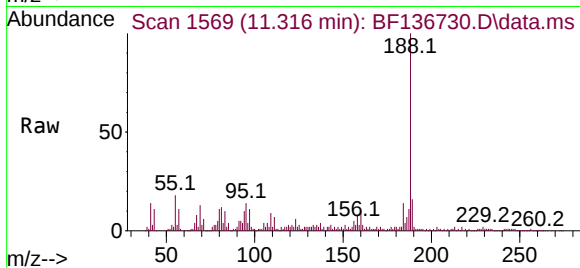
Tgt Ion:188 Resp: 177465

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

80 10.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 13.244 ng

RT: 10.427 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

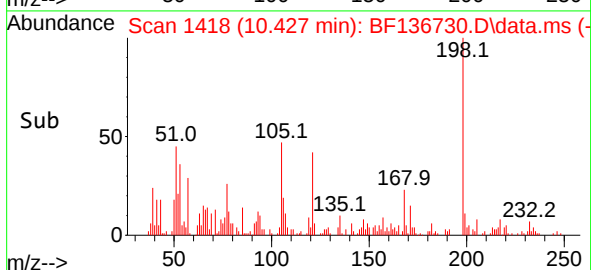
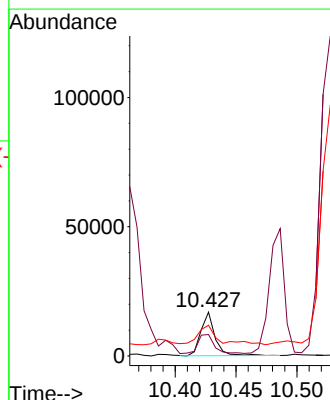
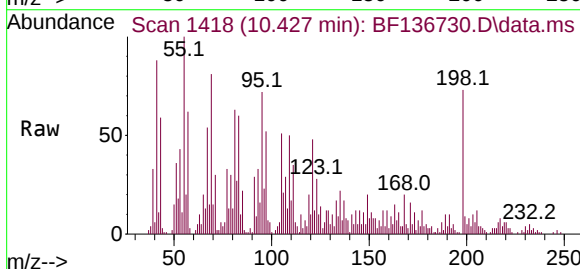
Tgt Ion:198 Resp: 13470

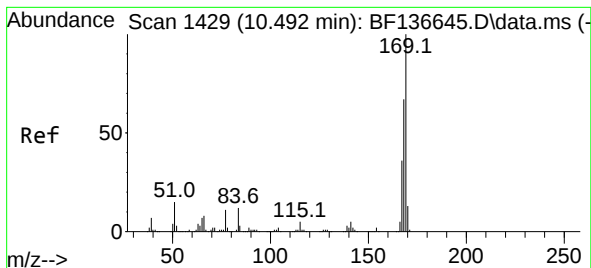
Ion Ratio Lower Upper

198 100

51 48.8 34.1 74.1

105 70.0 27.3 67.3#





#66

n-Nitrosodiphenylamine

Concen: 51.431 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

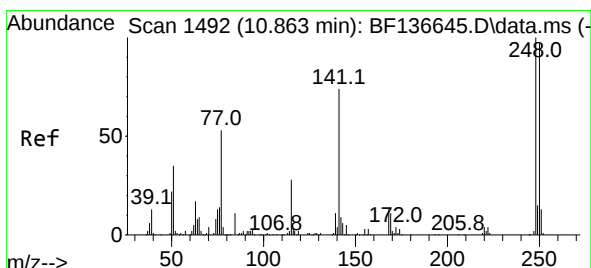
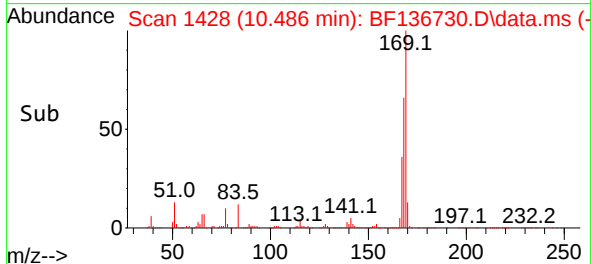
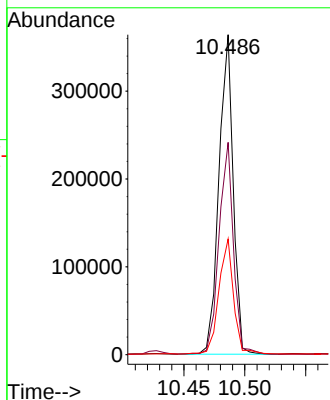
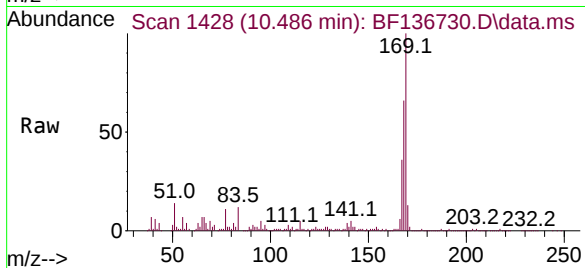
Tgt Ion:169 Resp: 296493

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

167 36.2 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 46.639 ng

RT: 10.857 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

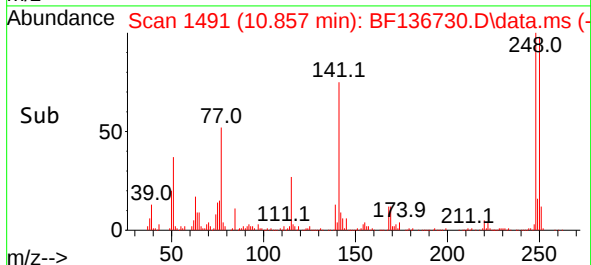
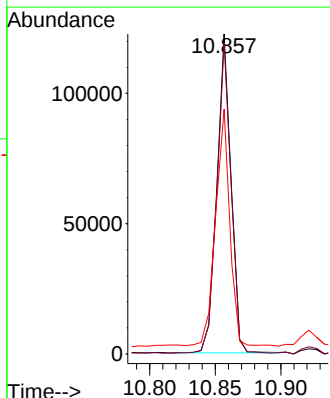
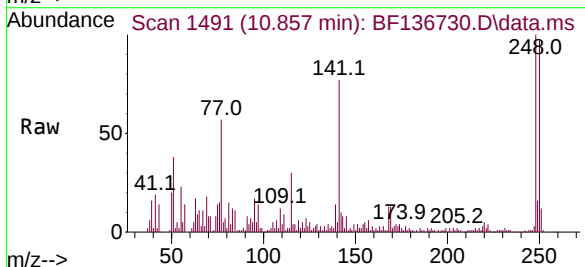
Tgt Ion:248 Resp: 91919

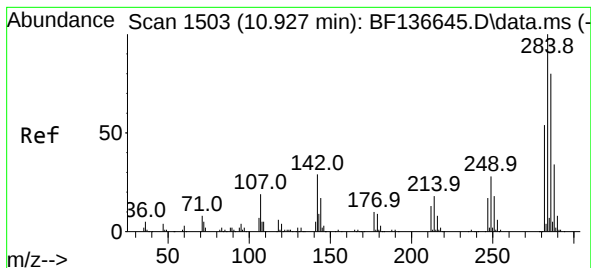
Ion Ratio Lower Upper

248 100

250 97.2 77.8 116.6

141 76.5 59.2 88.8





#68

Hexachlorobenzene

Concen: 44.408 ng

RT: 10.921 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

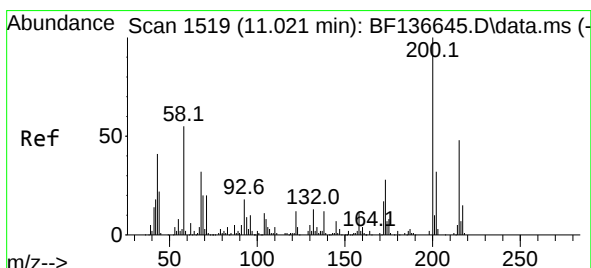
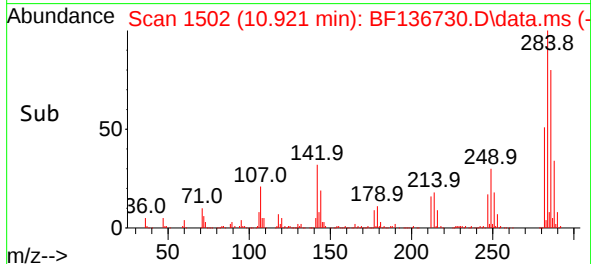
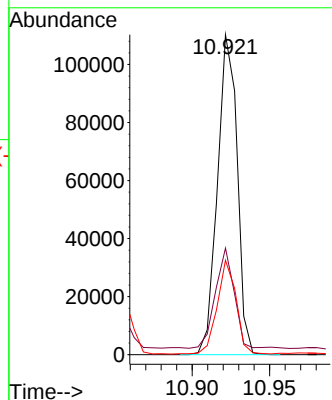
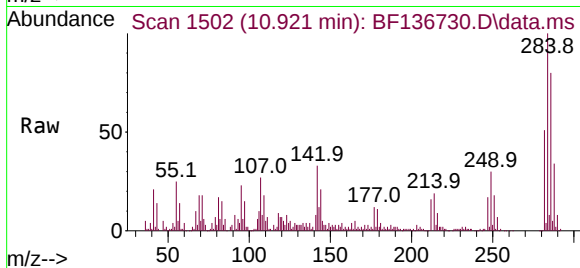
Tgt Ion:284 Resp: 97537

Ion Ratio Lower Upper

284 100

142 33.3 23.4 35.0

249 29.5 22.3 33.5



#69

Atrazine

Concen: 60.279 ng

RT: 11.021 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

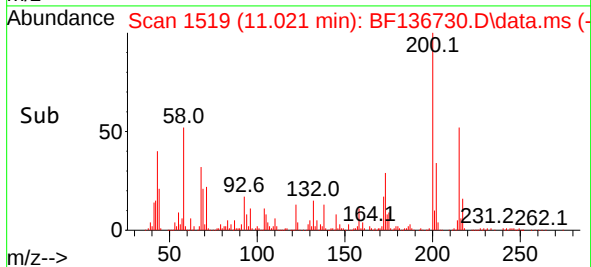
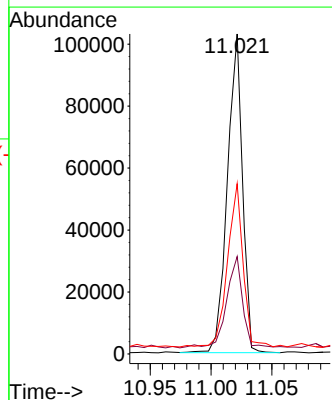
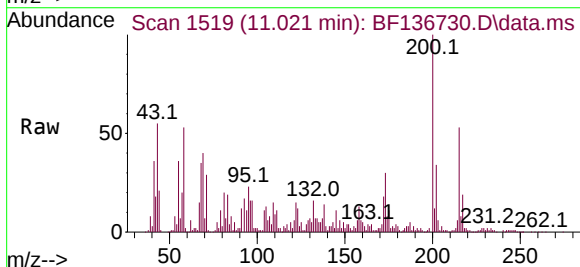
Tgt Ion:200 Resp: 88880

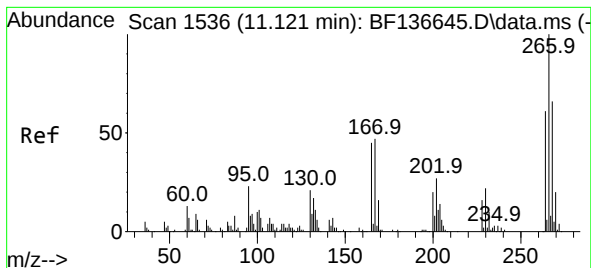
Ion Ratio Lower Upper

200 100

173 30.5 7.6 47.6

215 53.2 28.3 68.3





#70

Pentachlorophenol

Concen: 81.259 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

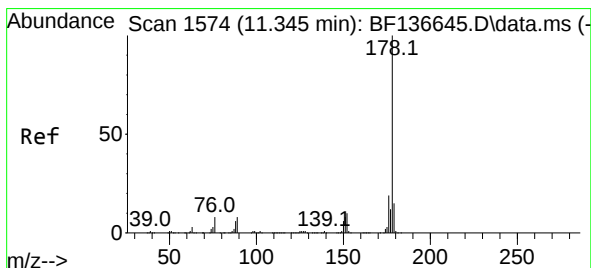
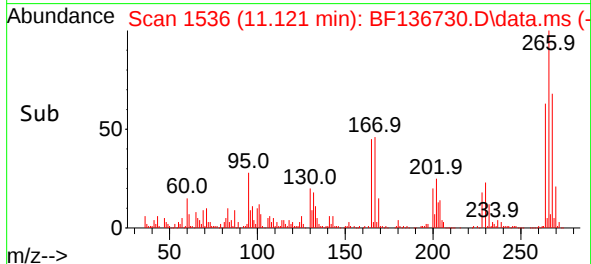
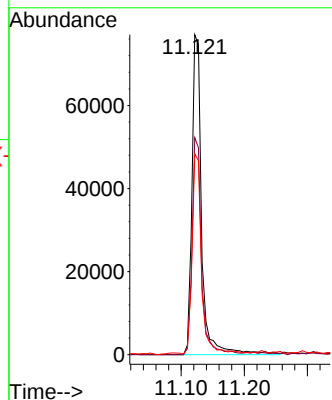
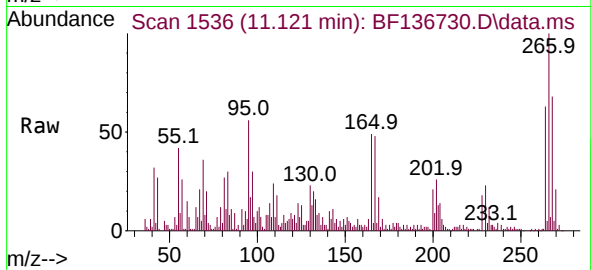
Tgt Ion:266 Resp: 83189

Ion Ratio Lower Upper

266 100

268 67.8 52.6 78.8

264 62.8 49.0 73.4



#71

Phenanthrene

Concen: 92.701 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

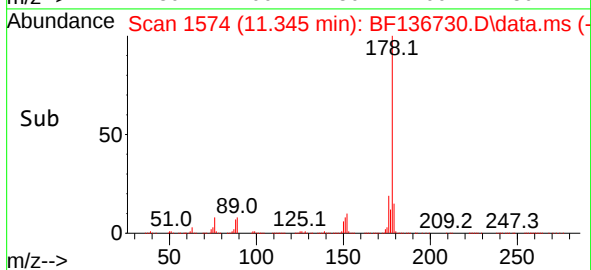
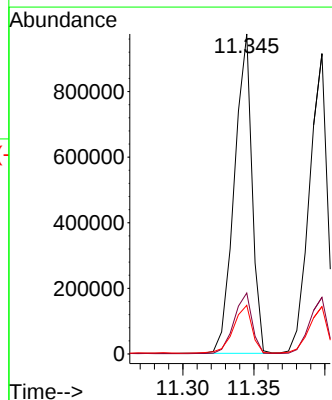
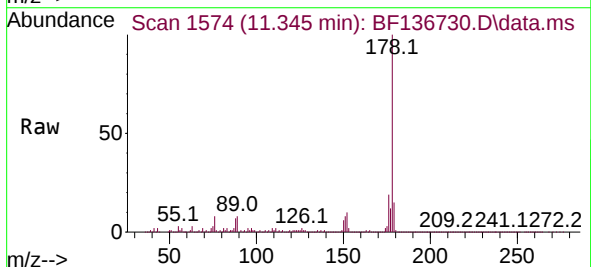
Tgt Ion:178 Resp: 844121

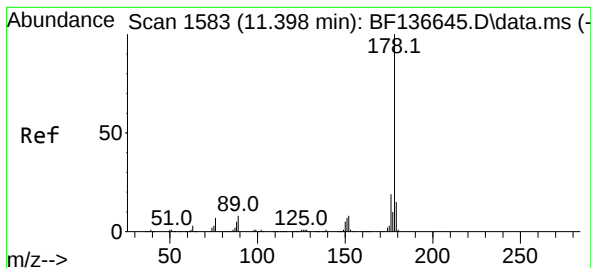
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 11.9 17.9





#72

Anthracene

Concen: 86.643 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

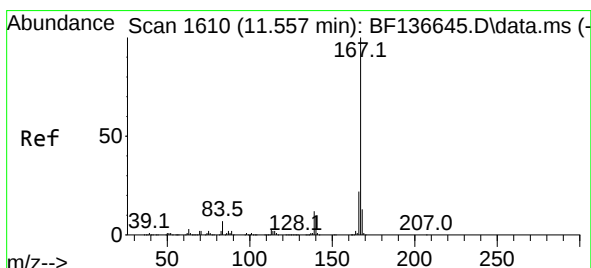
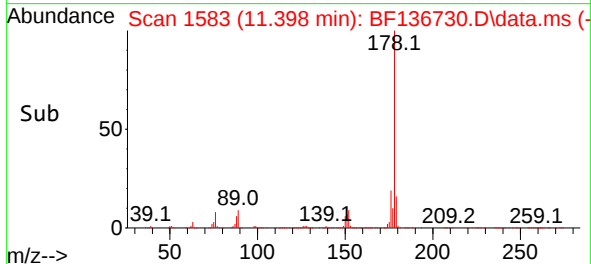
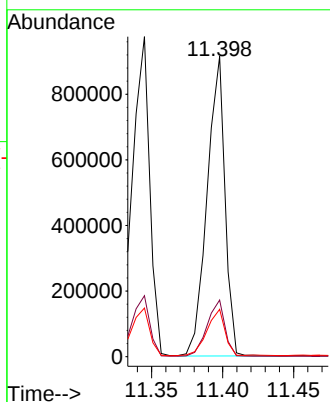
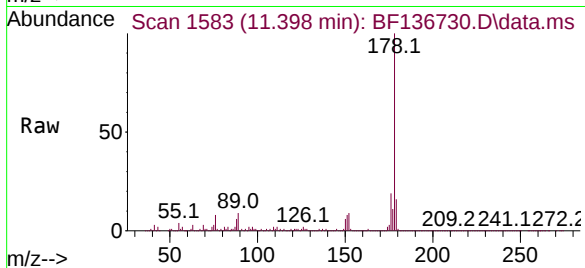
Tgt Ion:178 Resp: 799007

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.8 11.8 17.6



#73

Carbazole

Concen: 42.613 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

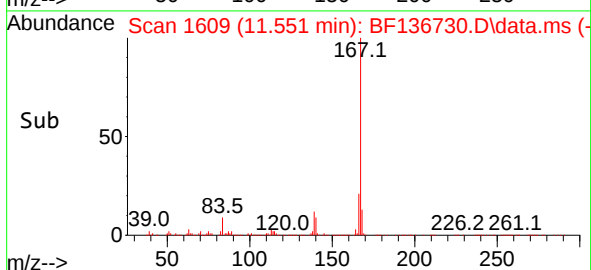
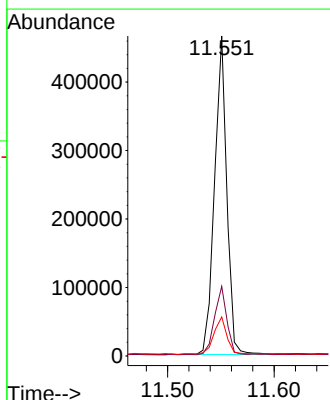
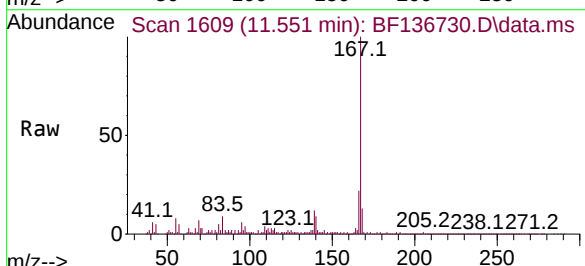
Tgt Ion:167 Resp: 370495

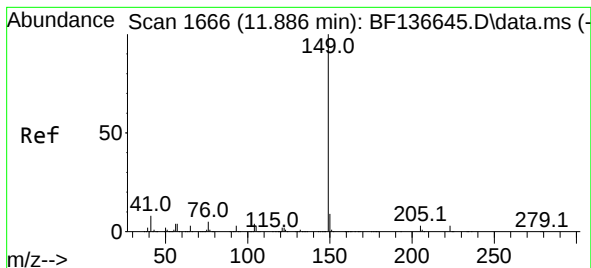
Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.2 9.8 14.6





#74

Di-n-butylphthalate

Concen: 46.300 ng

RT: 11.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

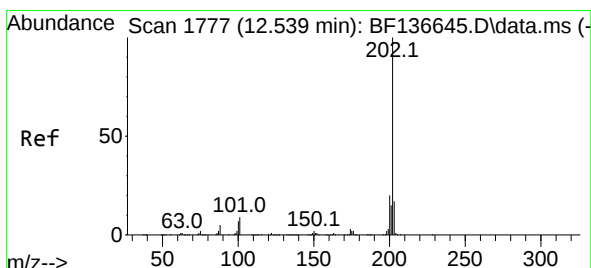
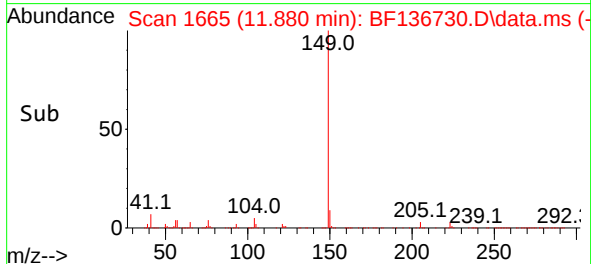
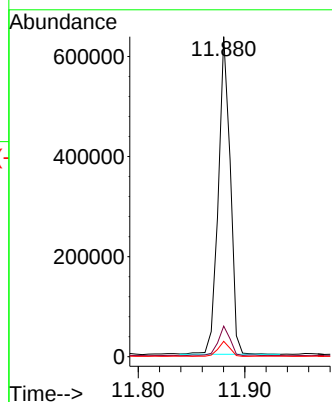
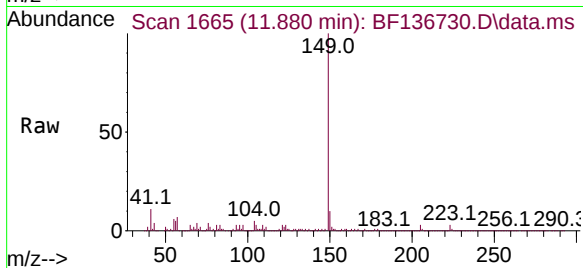
Tgt Ion:149 Resp: 491213

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.8 3.6 5.4



#75

Fluoranthene

Concen: 88.146 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

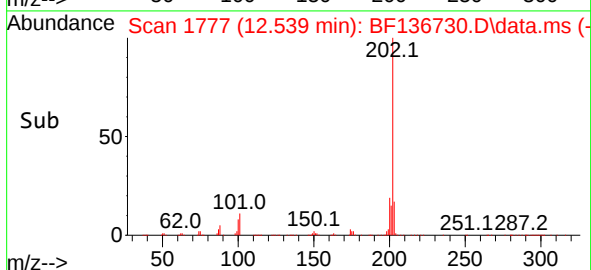
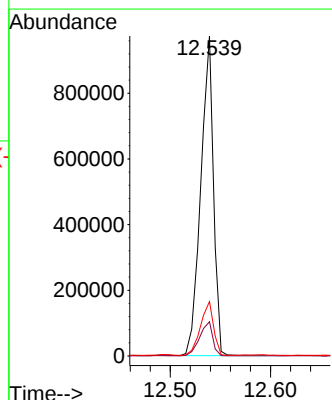
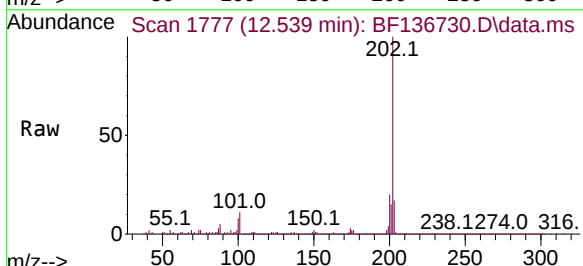
Tgt Ion:202 Resp: 858550

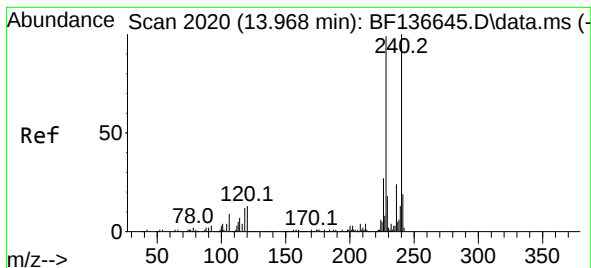
Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

203 17.0 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

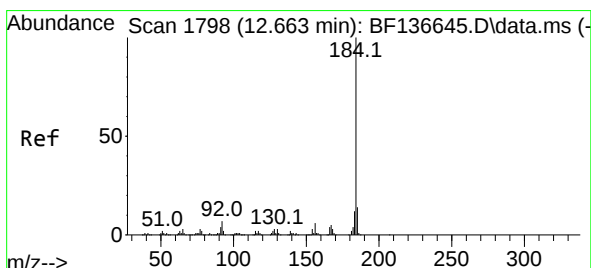
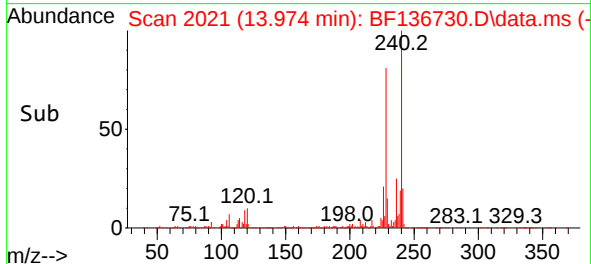
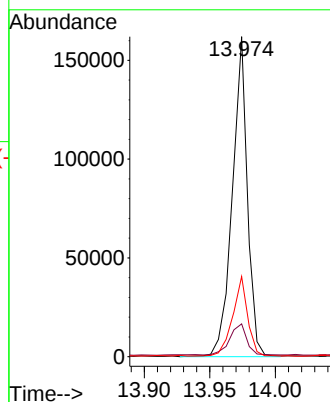
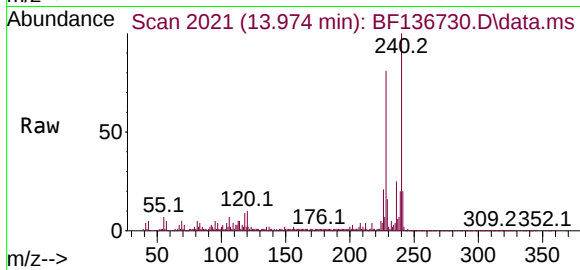
Tgt Ion:240 Resp: 129806

Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

236 25.0 19.4 29.2



#77

Benzidine

Concen: 12.221 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

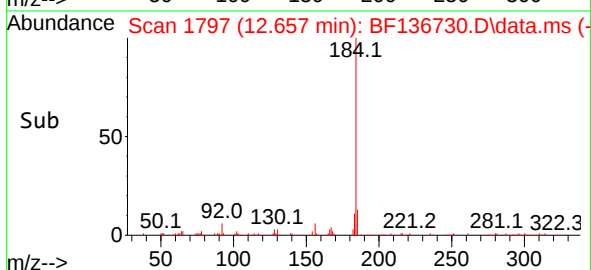
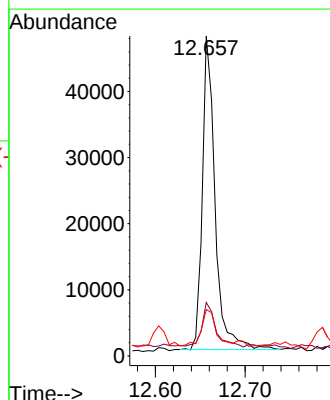
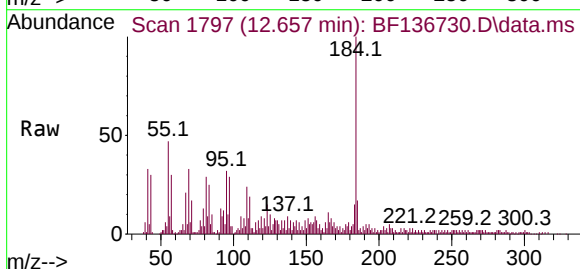
Tgt Ion:184 Resp: 46775

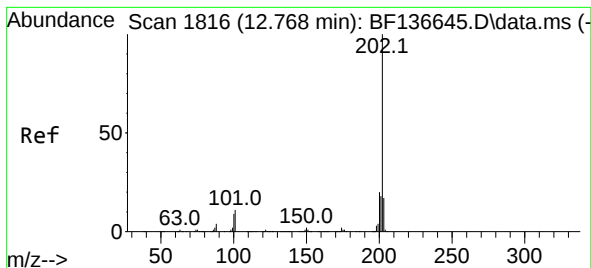
Ion Ratio Lower Upper

184 100

185 16.7 11.2 16.8

183 14.5 9.3 13.9#





#78

Pyrene

Concen: 68.769 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

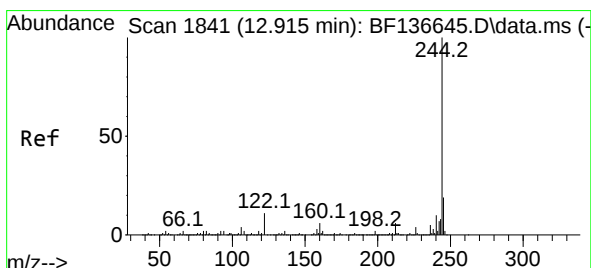
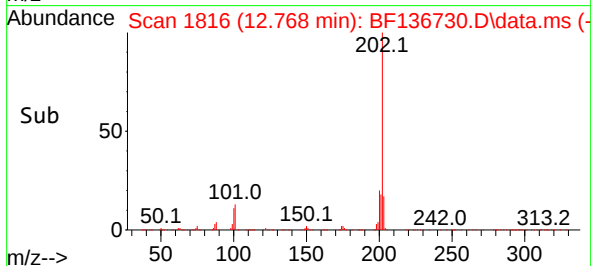
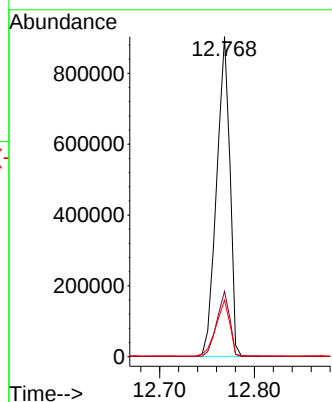
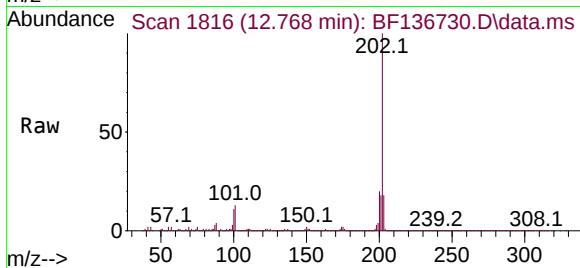
Tgt Ion:202 Resp: 876298

Ion Ratio Lower Upper

202 100

200 20.4 15.9 23.9

203 17.7 13.8 20.6



#79

Terphenyl-d14

Concen: 35.520 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

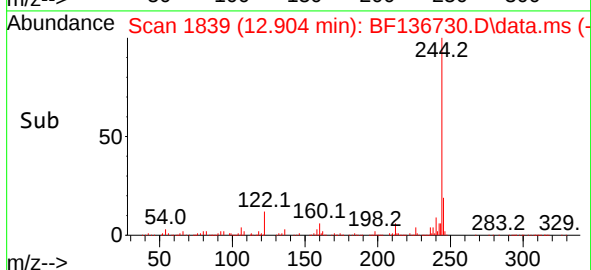
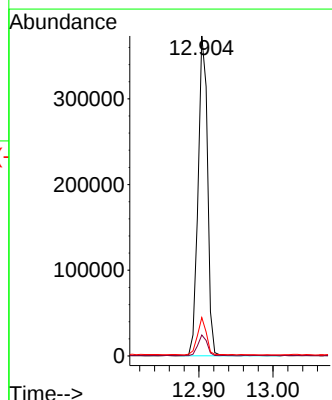
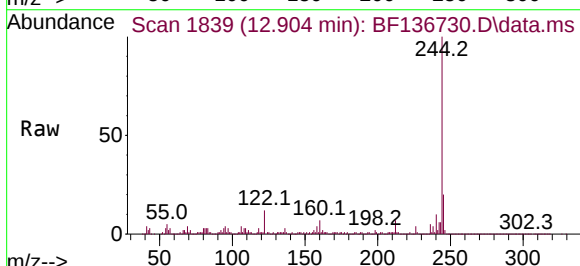
Tgt Ion:244 Resp: 329929

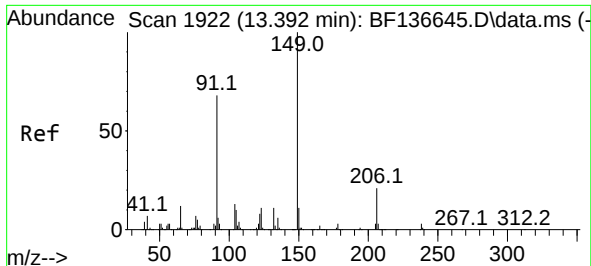
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 12.0 9.0 13.4

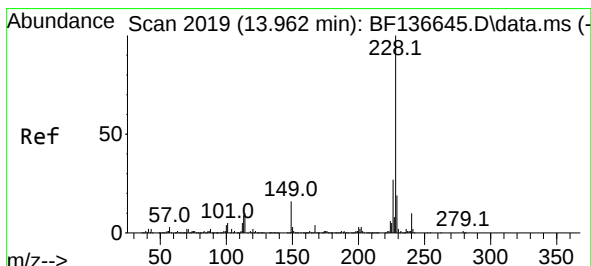
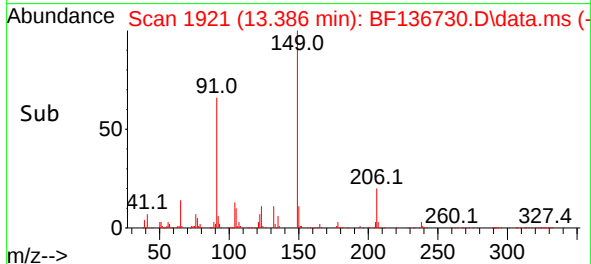
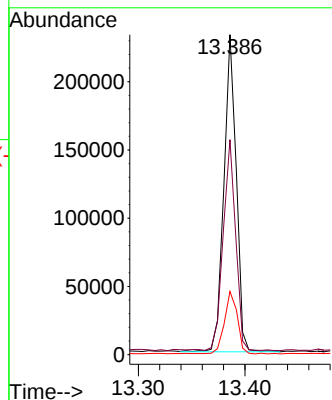
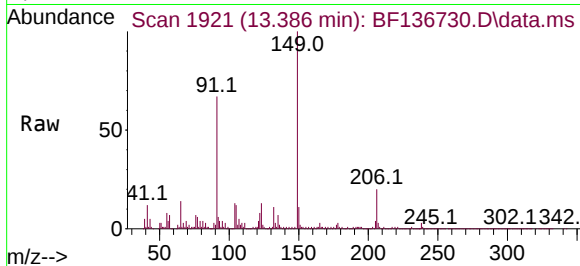




#80
Butylbenzylphthalate
Concen: 40.236 ng
RT: 13.386 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

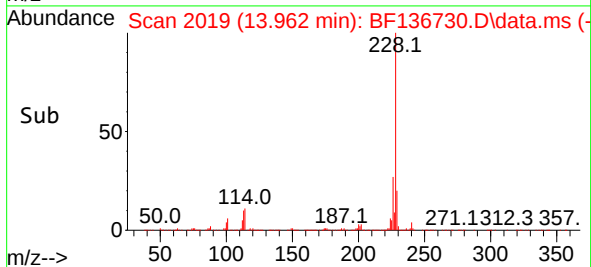
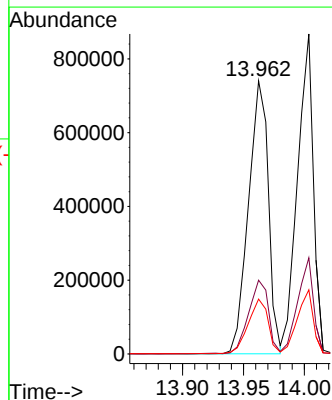
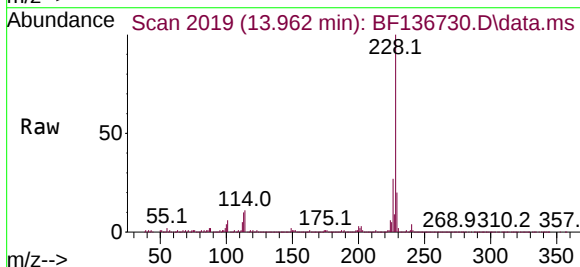
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

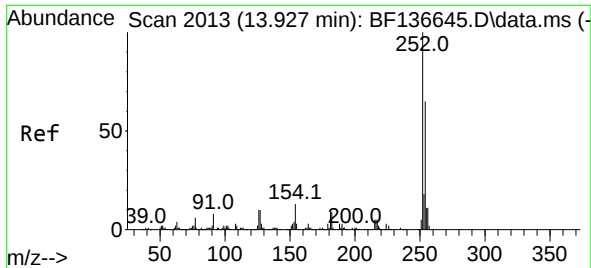
Tgt Ion:149 Resp: 186560
Ion Ratio Lower Upper
149 100
91 67.2 54.1 81.1
206 19.7 17.1 25.7



#81
Benzo(a)anthracene
Concen: 93.274 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:228 Resp: 840736
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.1 14.9 22.3

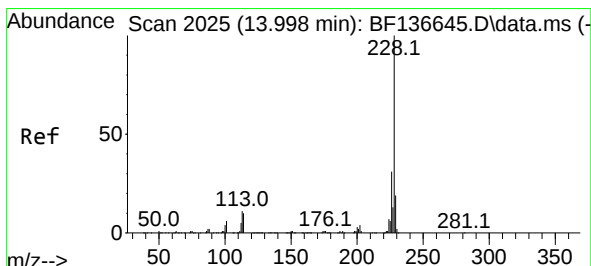
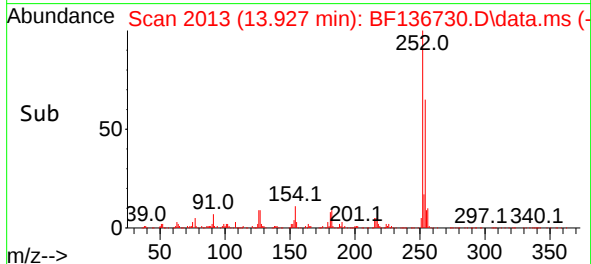
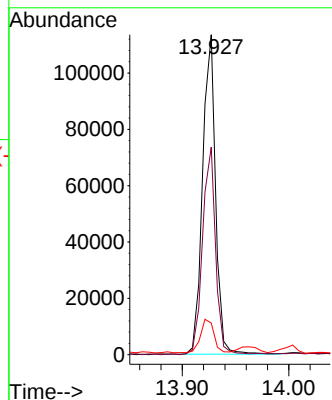
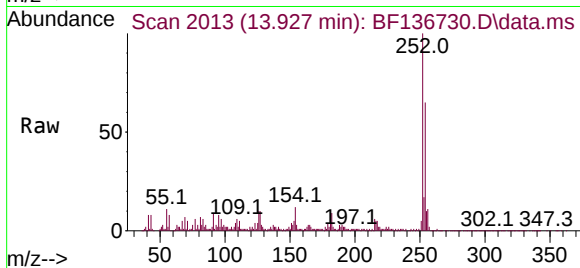




#82
 3,3'-Dichlorobenzidine
 Concen: 37.636 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

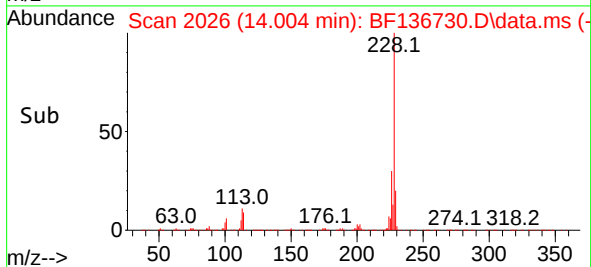
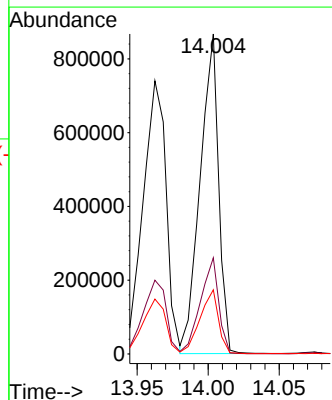
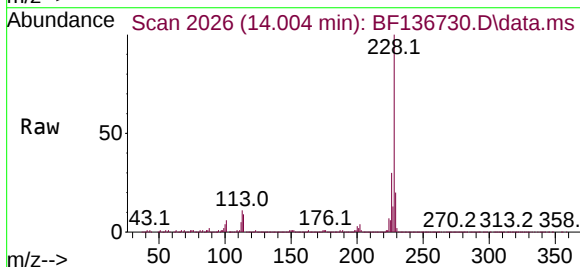
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

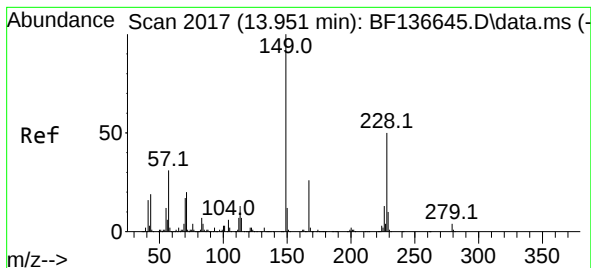
Tgt Ion:252 Resp: 96341
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.2 78.4
 126 9.9 8.0 12.0



#83
 Chrysene
 Concen: 89.239 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: BF136730.D
 Acq: 26 Dec 2023 21:03

Tgt Ion:228 Resp: 786585
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.7 37.1
 229 20.0 15.4 23.0

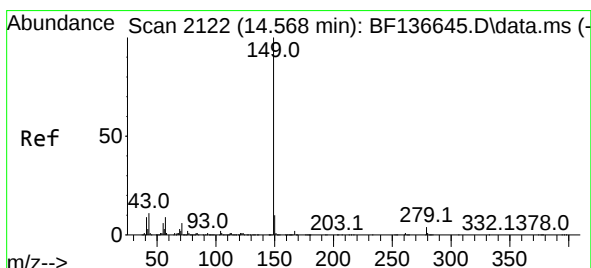
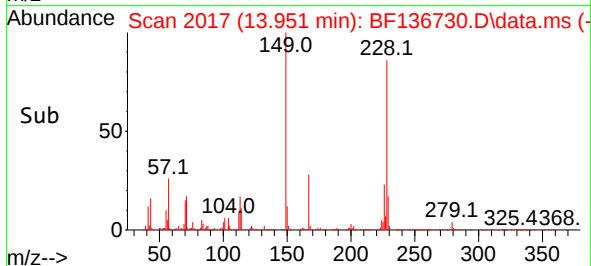
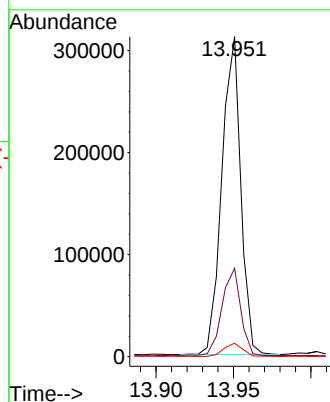
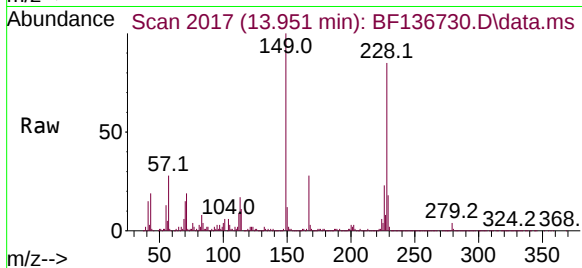




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

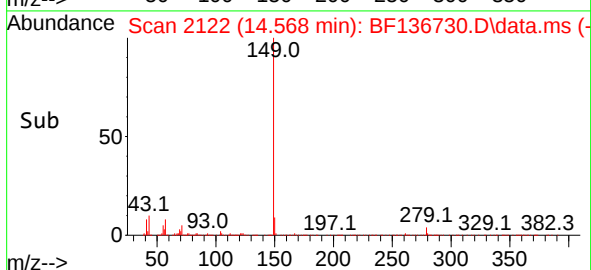
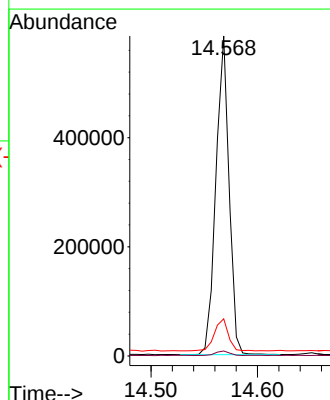
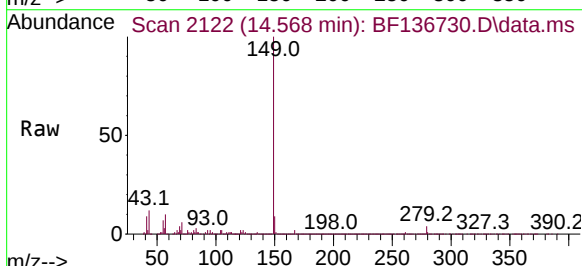
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

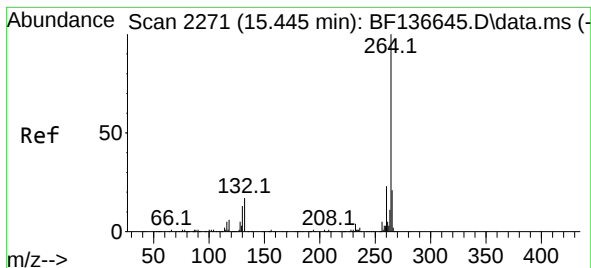
Tgt Ion:149 Resp: 264528
Ion Ratio Lower Upper
149 100
167 27.6 20.9 31.3
279 4.2 2.9 4.3



#85
Di-n-octyl phthalate
Concen: 55.241 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:149 Resp: 498500
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

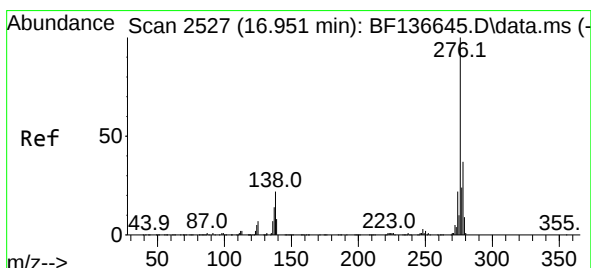
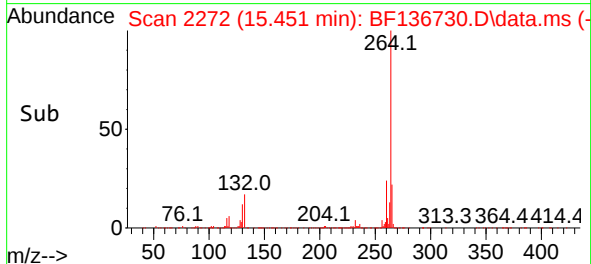
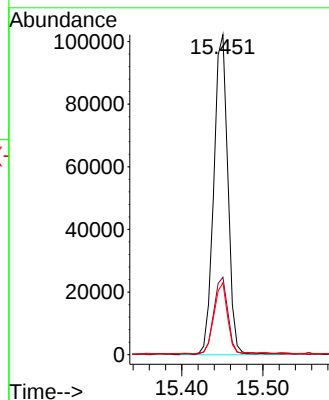
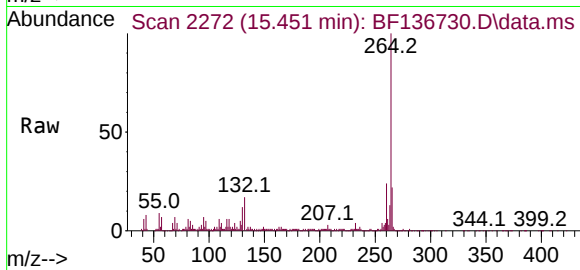
Tgt Ion:264 Resp: 123324

Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 22.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 66.633 ng

RT: 16.956 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

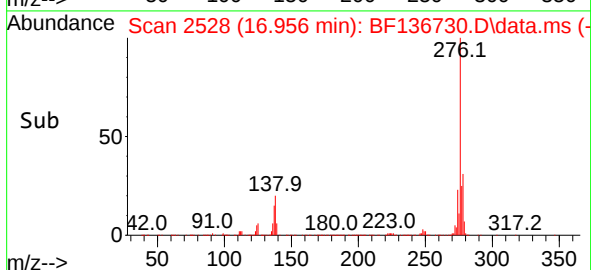
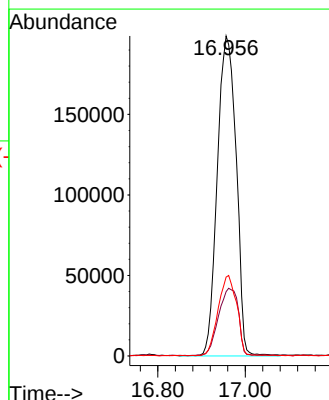
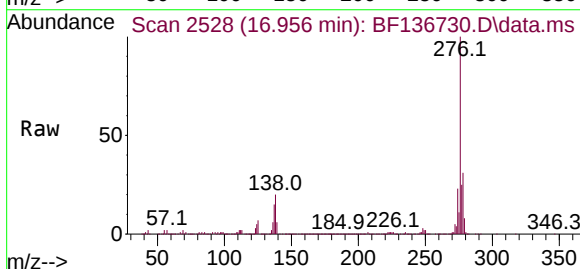
Tgt Ion:276 Resp: 593309

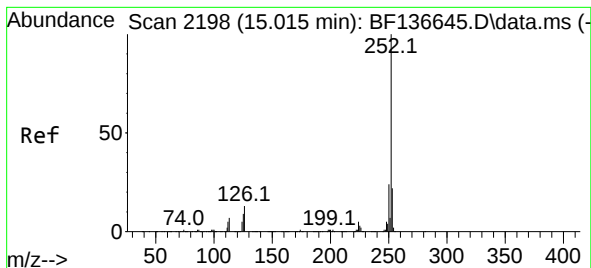
Ion Ratio Lower Upper

276 100

138 22.2 18.7 28.1

277 24.8 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 102.565 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS

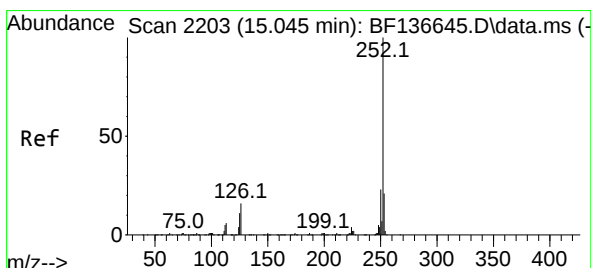
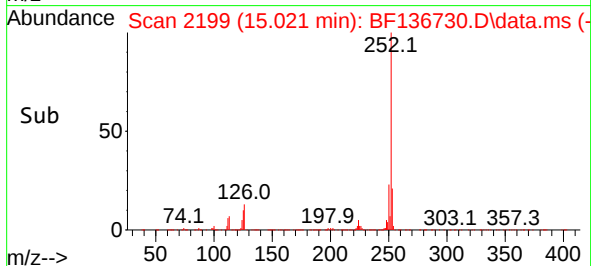
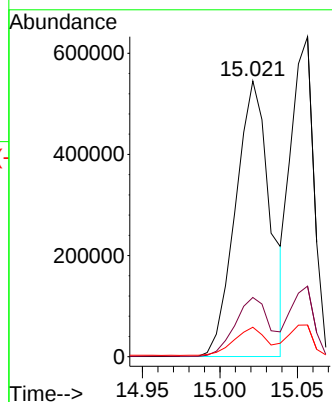
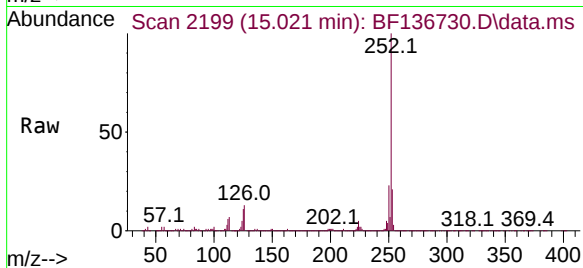
Tgt Ion:252 Resp: 844821

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.7 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 83.676 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF136730.D

Acq: 26 Dec 2023 21:03

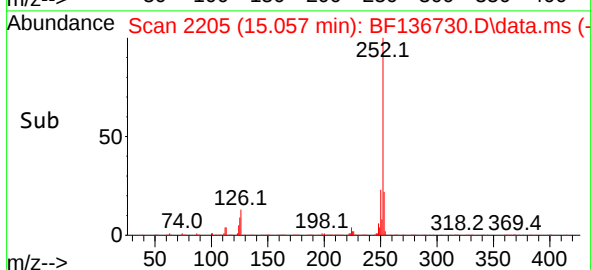
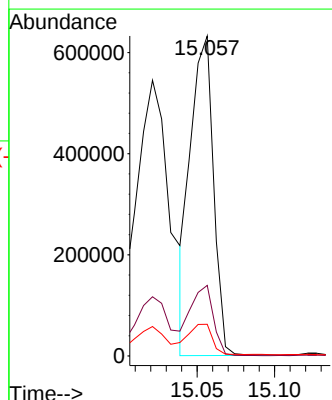
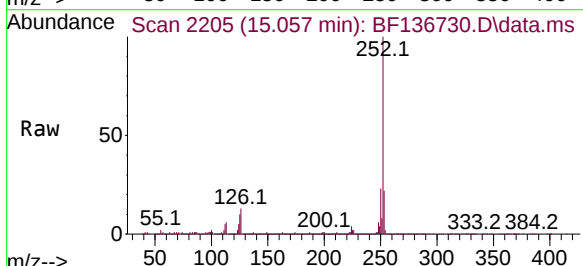
Tgt Ion:252 Resp: 651264

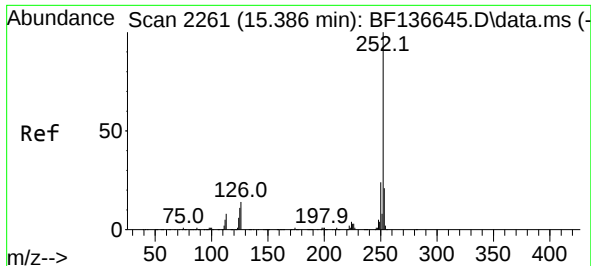
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.9 8.2 12.4

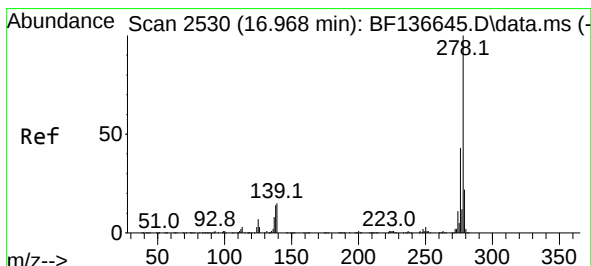
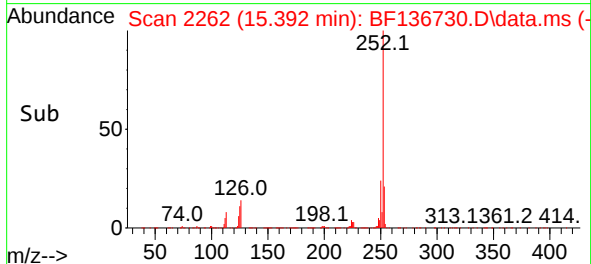
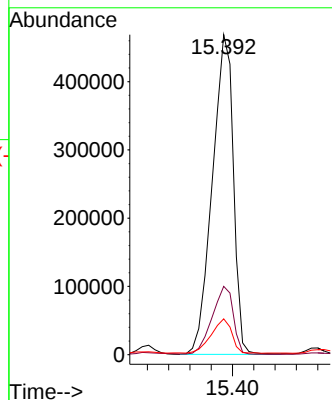
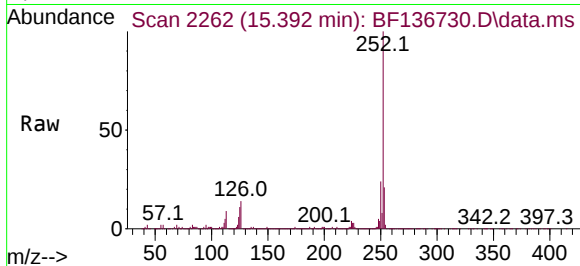




#90
Benzo(a)pyrene
Concen: 92.266 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

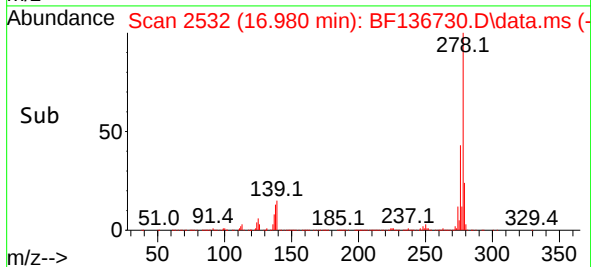
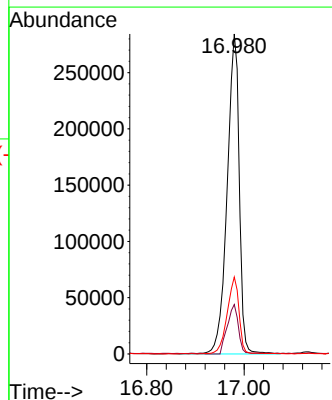
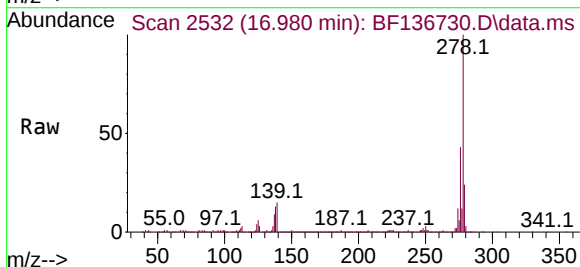
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MS

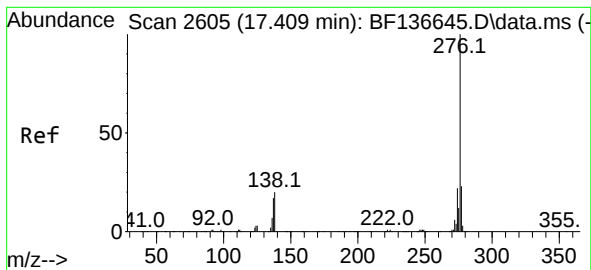
Tgt Ion:252 Resp: 641508
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.2 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 67.548 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.012 min
Lab File: BF136730.D
Acq: 26 Dec 2023 21:03

Tgt Ion:278 Resp: 493439
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 59.944 ng

RT: 17.421 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136730.D

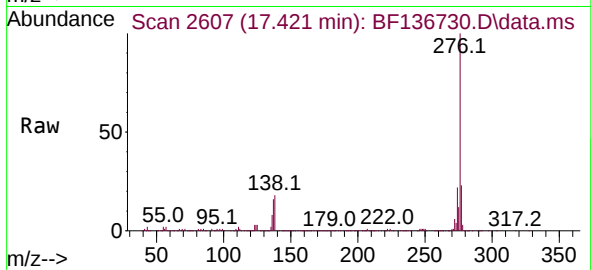
Acq: 26 Dec 2023 21:03

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MS



Tgt Ion:276 Resp: 448490

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 18.3 15.6 23.4

