

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136869.D
 Acq On : 02 Jan 2024 14:02
 Operator : CG\JU
 Sample : 06015-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2MS

Quant Time: Jan 02 14:22:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	54911	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	199826	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	98500	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	178421	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	119044	20.000	ng	0.00
86) Perylene-d12	15.439	264	142938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	390682	111.011	ng	0.00
7) Phenol-d6	6.434	99	450331	98.753	ng	0.00
23) Nitrobenzene-d5	7.345	82	316712	81.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	145921	125.788	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	636957	86.974	ng	-0.01
79) Terphenyl-d14	12.904	244	653977	76.771	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	49806	33.966	ng	# 80
3) Pyridine	3.393	79	88763	24.810	ng	96
4) n-Nitrosodimethylamine	3.322	42	66053	34.572	ng	99
6) Aniline	6.451	93	99853	21.901	ng	# 66
8) 2-Chlorophenol	6.575	128	145265	37.719	ng	95
9) Benzaldehyde	6.340	77	13945	5.376	ng	99
10) Phenol	6.445	94	158894	32.641	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	139463	37.672	ng	96
12) 1,3-Dichlorobenzene	6.722	146	144140	34.308	ng	99
13) 1,4-Dichlorobenzene	6.798	146	147036	34.252	ng	98
14) 1,2-Dichlorobenzene	6.951	146	142031	35.556	ng	98
15) Benzyl Alcohol	6.928	79	121993	39.654	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	219366	36.243	ng	92
17) 2-Methylphenol	7.045	107	115459	36.188	ng	96
18) Hexachloroethane	7.287	117	53366	34.230	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	103086	37.291	ng	97
20) 3+4-Methylphenols	7.198	107	148747	37.318	ng	# 65
22) Acetophenone	7.192	105	210983	42.124	ng	# 90
24) Nitrobenzene	7.363	77	149211	38.143	ng	96
25) Isophorone	7.598	82	285881	40.233	ng	98
26) 2-Nitrophenol	7.681	139	78655	42.026	ng	95
27) 2,4-Dimethylphenol	7.722	122	115696	50.776	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	178344	41.291	ng	100
29) 2,4-Dichlorophenol	7.922	162	124697	42.509	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	126539	38.716	ng	99
31) Naphthalene	8.081	128	428725	39.053	ng	99
32) Benzoic acid	7.851	122	85023	38.565	ng	97
33) 4-Chloroaniline	8.134	127	36943	9.114	ng	99
34) Hexachlorobutadiene	8.192	225	75114	37.826	ng	98
35) Caprolactam	8.498	113	27964	28.896	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	133369	40.385	ng	97
37) 2-Methylnaphthalene	8.769	142	281300	39.816	ng	100
38) 1-Methylnaphthalene	8.869	142	269246	38.844	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	138274	45.328	ng	97
41) Hexachlorocyclopentadiene	8.922	237	100184	101.594	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	89100	45.544	ng	100

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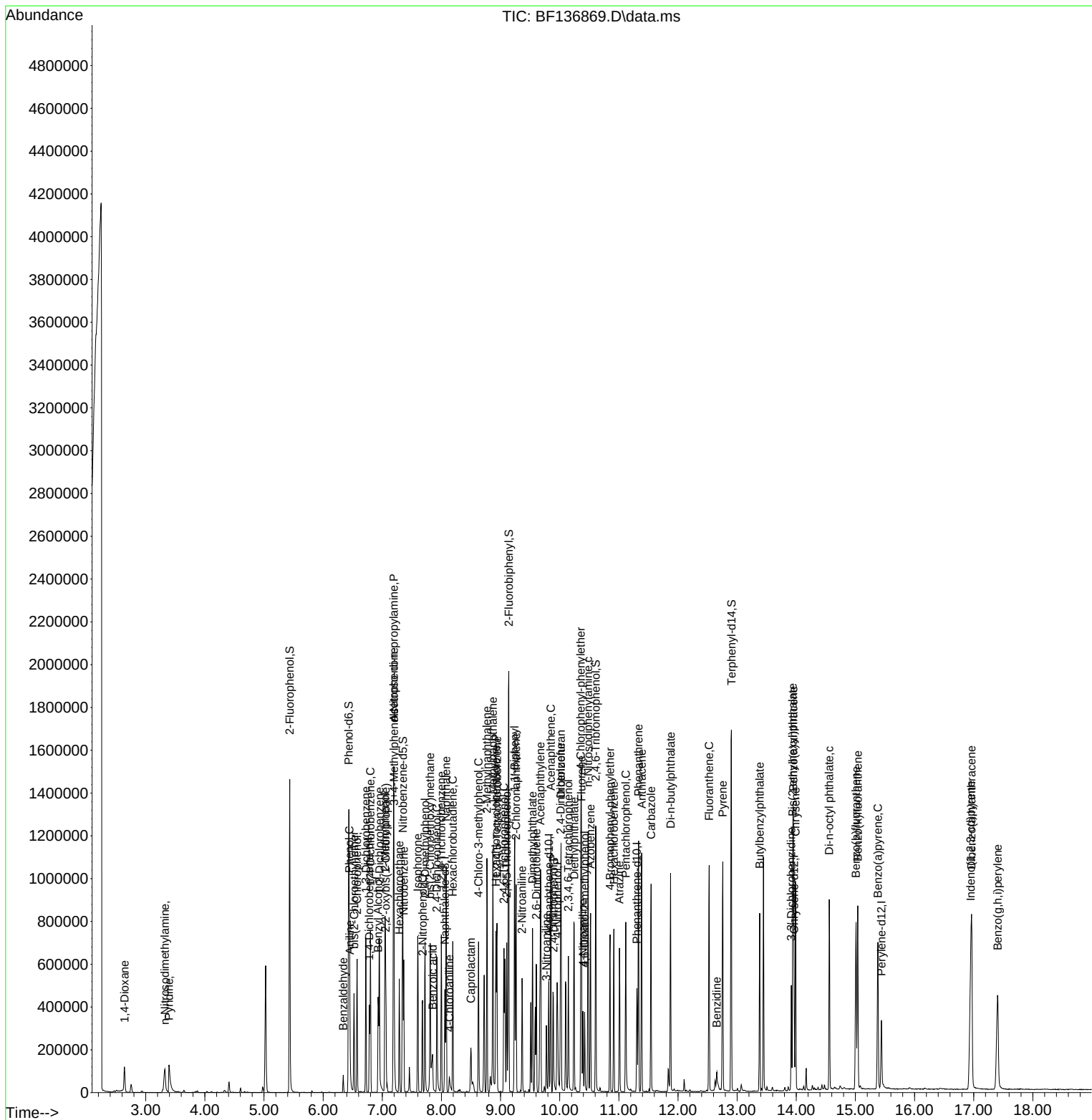
Instrument :
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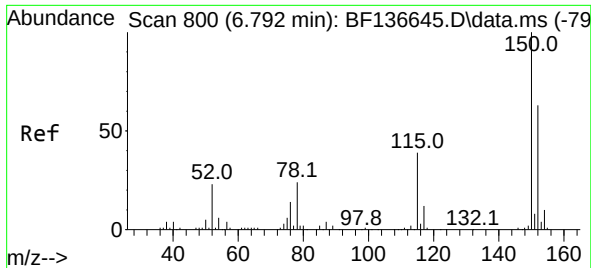
Quant Time: Jan 02 14:22:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	97093	44.537	ng	99
46) 1,1'-Biphenyl	9.239	154	375582	45.439	ng	98
47) 2-Chloronaphthalene	9.263	162	266732	42.448	ng	98
48) 2-Nitroaniline	9.363	65	84528	42.957	ng	98
49) Acenaphthylene	9.675	152	448580	46.705	ng	99
50) Dimethylphthalate	9.539	163	308961	42.943	ng	100
51) 2,6-Dinitrotoluene	9.604	165	65947	40.388	ng	88
52) Acenaphthene	9.851	154	254244	42.704	ng	98
53) 3-Nitroaniline	9.775	138	45443	26.272	ng	93
54) 2,4-Dinitrophenol	9.892	184	70759	78.275	ng	96
55) Dibenzofuran	10.022	168	396279	43.909	ng	99
56) 4-Nitrophenol	9.957	139	83983	71.925	ng	93
57) 2,4-Dinitrotoluene	10.016	165	86542	40.827	ng	91
58) Fluorene	10.369	166	313728	43.811	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	77075	45.928	ng	98
60) Diethylphthalate	10.245	149	315321	42.240	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	152312	43.759	ng	98
62) 4-Nitroaniline	10.392	138	64152	38.473	ng	98
63) Azobenzene	10.522	77	288431	41.368	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	42770	41.828	ng	97
66) n-Nitrosodiphenylamine	10.480	169	269576	46.511	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	89525	45.180	ng	96
68) Hexachlorobenzene	10.916	284	99728	45.163	ng	99
69) Atrazine	11.010	200	72777	49.093	ng	100
70) Pentachlorophenol	11.116	266	92441	89.812	ng	99
71) Phenanthrene	11.333	178	425542	46.482	ng	100
72) Anthracene	11.386	178	429499	46.325	ng	99
73) Carbazole	11.545	167	380267	43.502	ng	99
74) Di-n-butylphthalate	11.875	149	469674	44.033	ng	99
75) Fluoranthene	12.527	202	424181	43.317	ng	100
77) Benzidine	12.657	184	48727	13.882	ng	98
78) Pyrene	12.757	202	439749	37.630	ng	99
80) Butylbenzylphthalate	13.380	149	176005	41.391	ng	99
81) Benzo(a)anthracene	13.951	228	366245	44.306	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	101127	43.078	ng	95
83) Chrysene	13.986	228	352160	43.565	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	243962	45.599	ng	97
85) Di-n-octyl phthalate	14.557	149	421775	50.965	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	480663	46.574	ng	100
88) Benzo(b)fluoranthene	15.010	252	375382	39.320	ng	99
89) Benzo(k)fluoranthene	15.039	252	364731	40.431	ng	98
90) Benzo(a)pyrene	15.380	252	339248	42.097	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	400410	47.292	ng	99
92) Benzo(g,h,i)perylene	17.404	276	400662	46.203	ng	99

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

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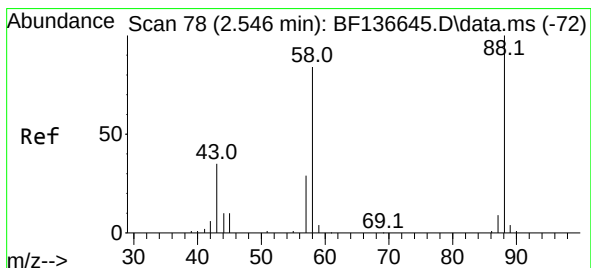
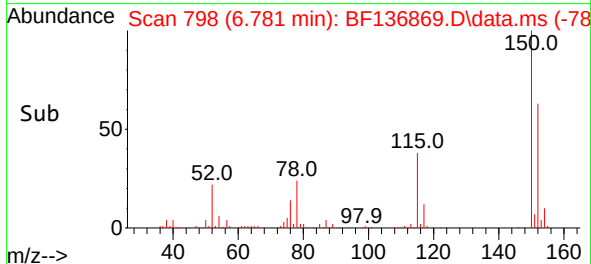
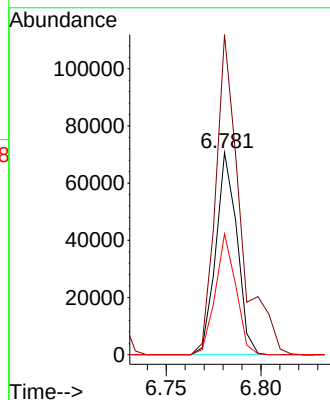
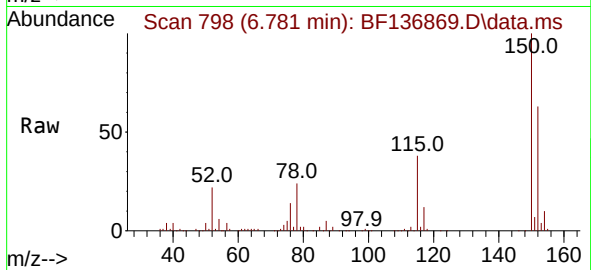




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

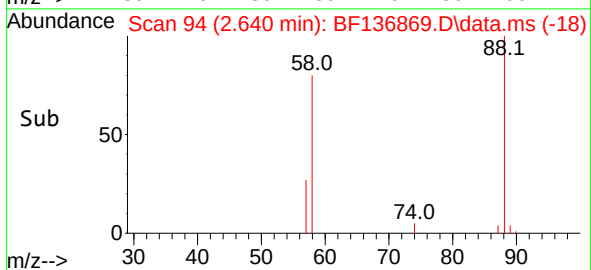
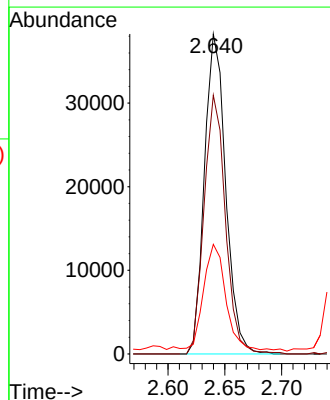
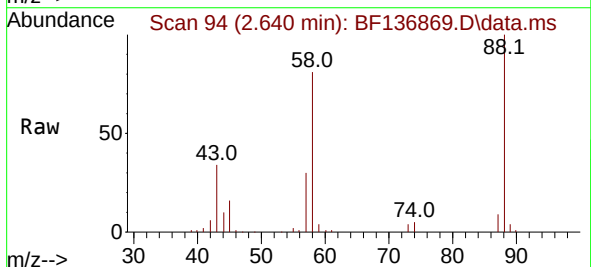
Instrument :
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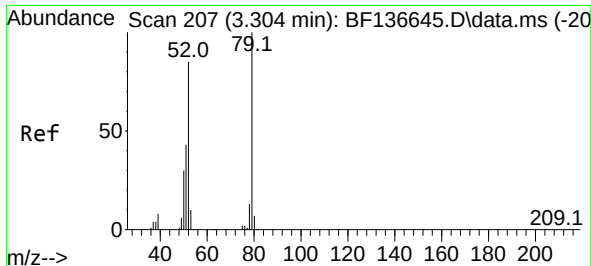
Tgt Ion:152 Resp: 54911
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 59.8 49.0 73.4



#2
1,4-Dioxane
Concen: 33.966 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.094 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 88 Resp: 49806
Ion Ratio Lower Upper
88 100
58 81.2 67.4 101.0
43 0.0 27.7 41.5

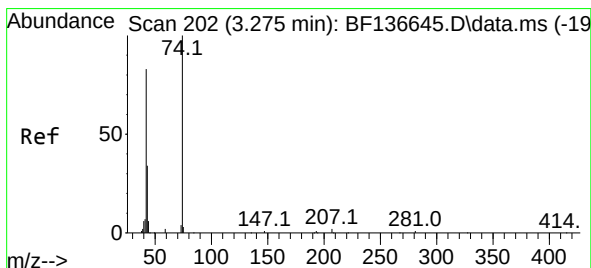
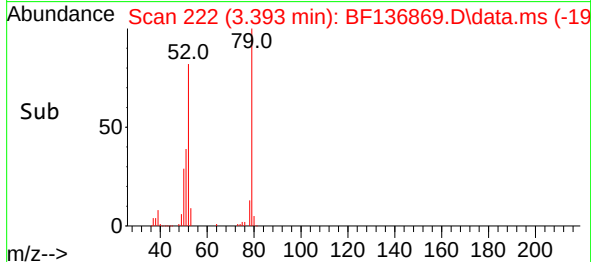
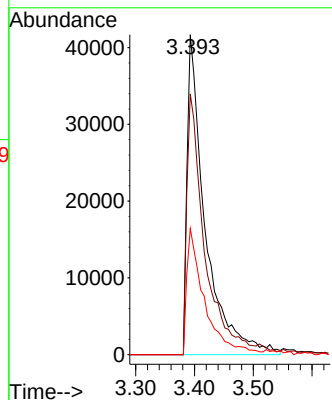
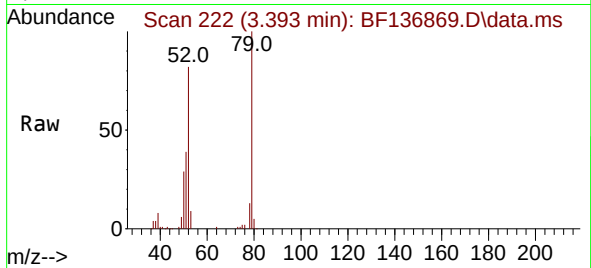




#3
Pyridine
Concen: 24.810 ng
RT: 3.393 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

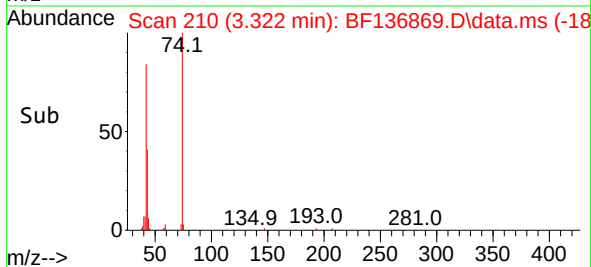
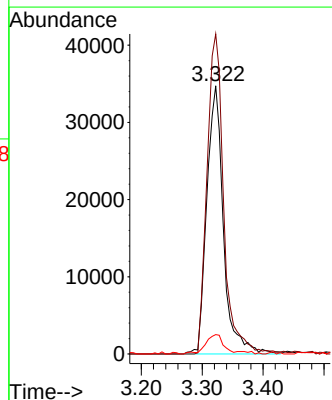
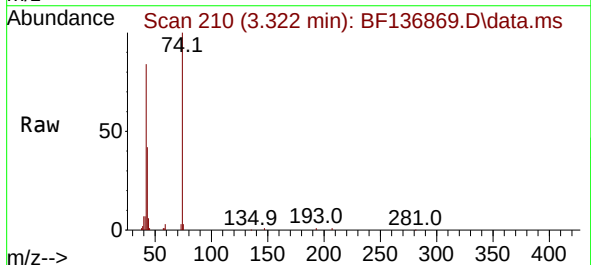
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

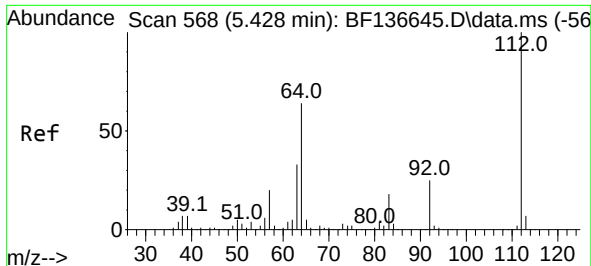
Tgt Ion: 79 Resp: 88763
Ion Ratio Lower Upper
79 100
52 81.5 67.7 101.5
51 39.4 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 34.572 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 42 Resp: 66053
Ion Ratio Lower Upper
42 100
74 119.3 96.0 144.0
44 7.2 5.4 8.2

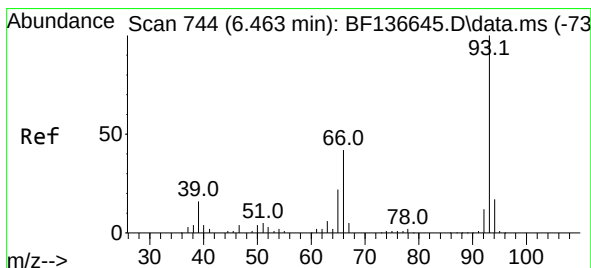
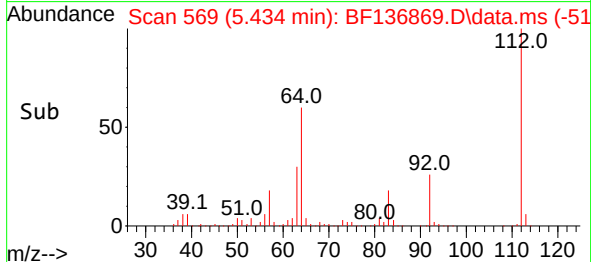
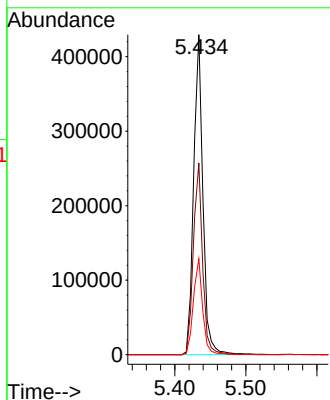
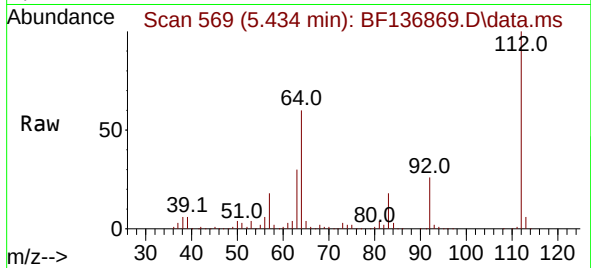




#5
2-Fluorophenol
Concen: 111.011 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

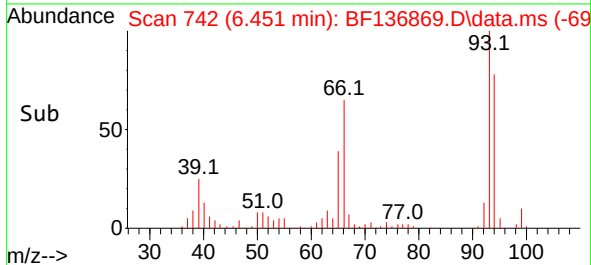
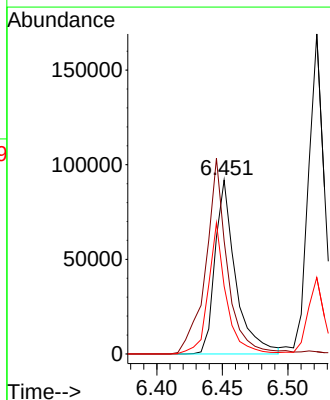
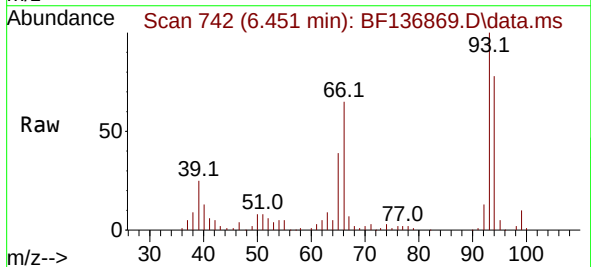
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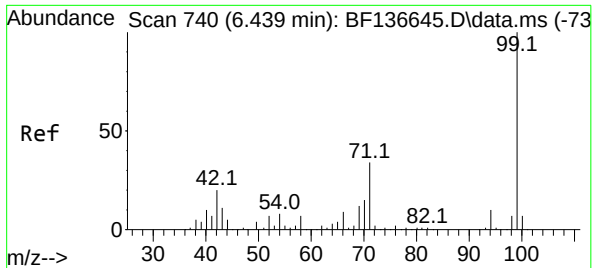
Tgt Ion:112 Resp: 390682
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 29.9 26.1 39.1



#6
Aniline
Concen: 21.901 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 93 Resp: 99853
Ion Ratio Lower Upper
93 100
66 65.1 34.6 51.8#
65 39.0 17.8 26.8#





#7

Phenol-d6

Concen: 98.753 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

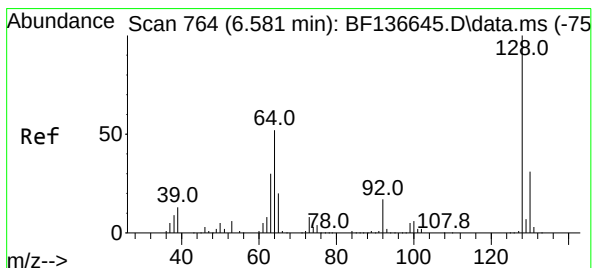
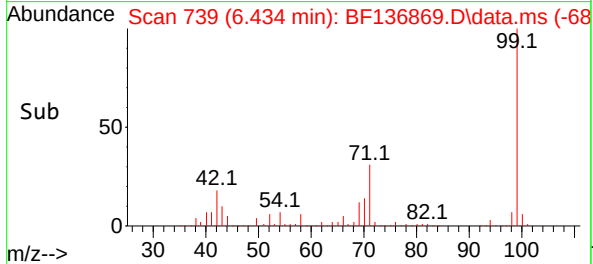
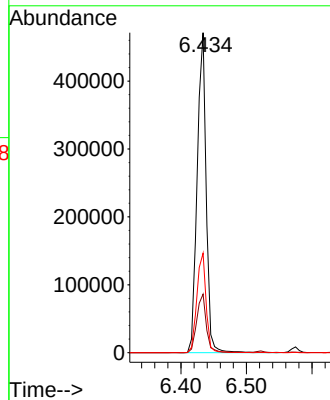
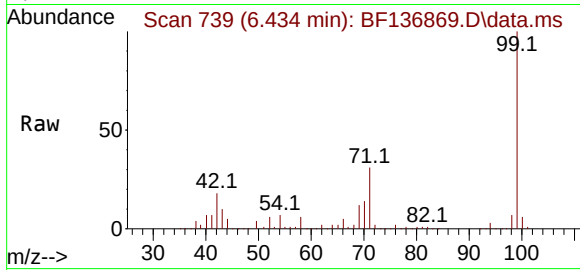
Tgt Ion: 99 Resp: 450331

Ion Ratio Lower Upper

99 100

42 18.3 16.1 24.1

71 31.1 27.4 41.2



#8

2-Chlorophenol

Concen: 37.719 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

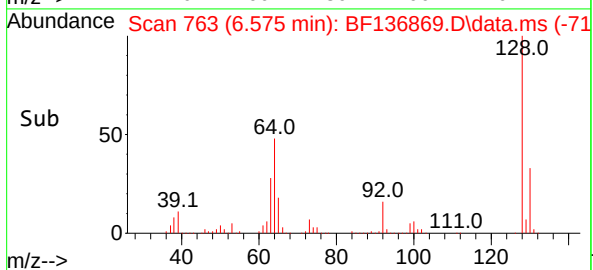
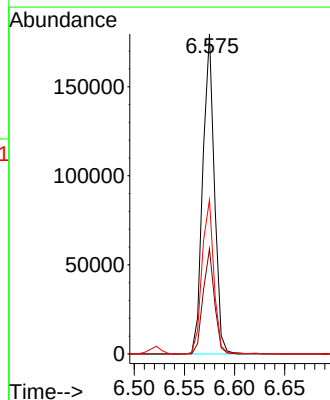
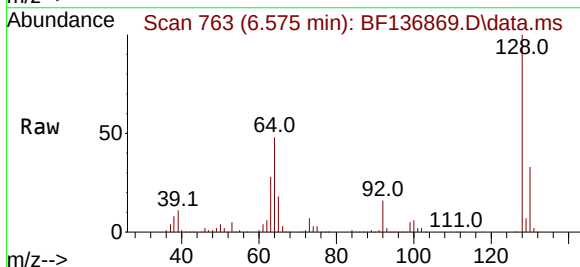
Tgt Ion:128 Resp: 145265

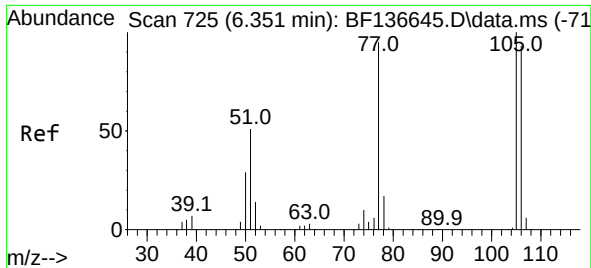
Ion Ratio Lower Upper

128 100

130 32.8 11.3 51.3

64 48.1 32.5 72.5





#9

Benzaldehyde

Concen: 5.376 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

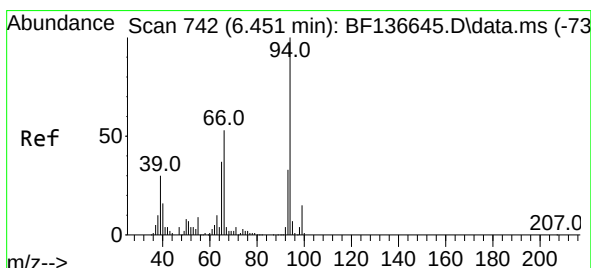
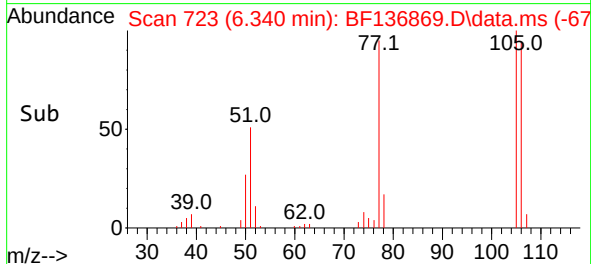
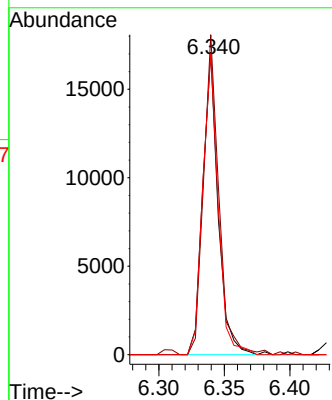
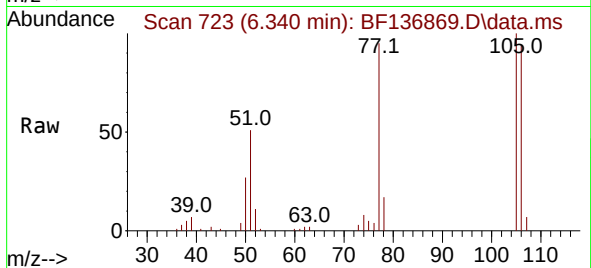
Tgt Ion: 77 Resp: 13945

Ion Ratio Lower Upper

77 100

105 105.8 84.8 124.8

106 99.5 77.8 117.8



#10

Phenol

Concen: 32.641 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

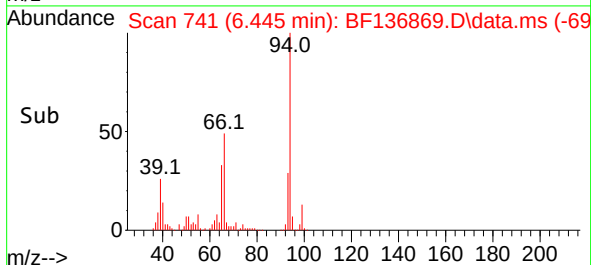
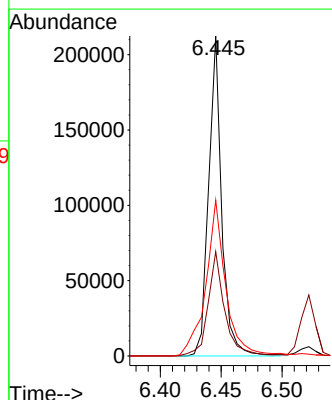
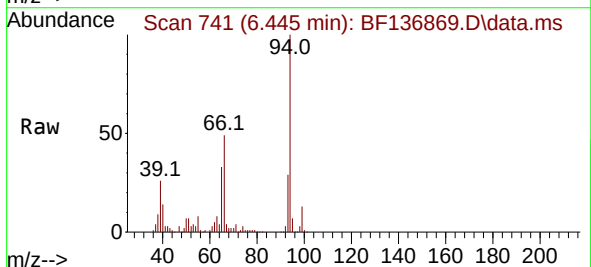
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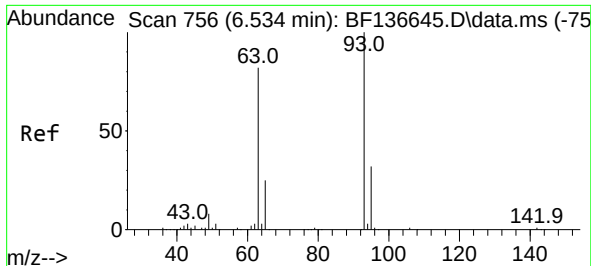
Ion Ratio Lower Upper

94 100

65 32.6 16.6 56.6

66 48.7 32.6 72.6

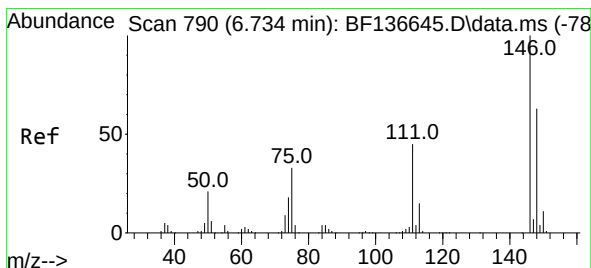
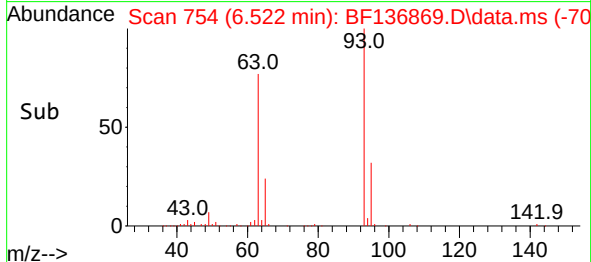
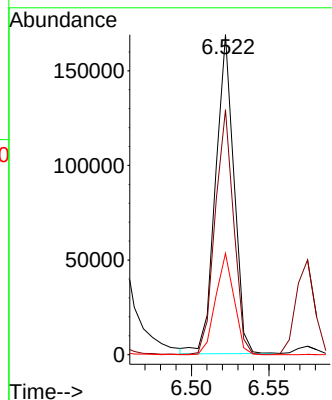
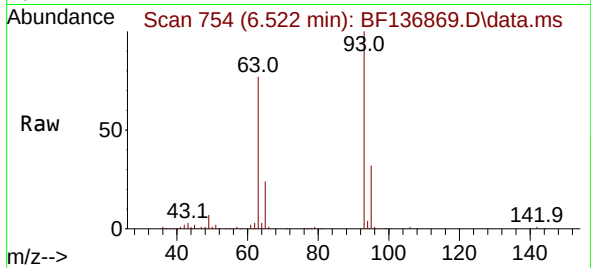




#11
bis(2-Chloroethyl)ether
Concen: 37.672 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

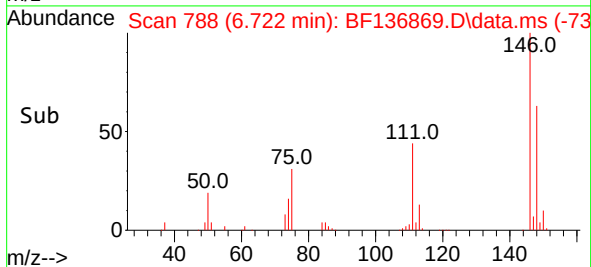
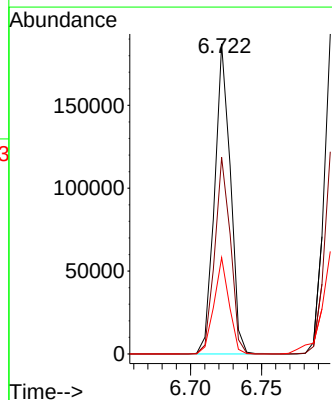
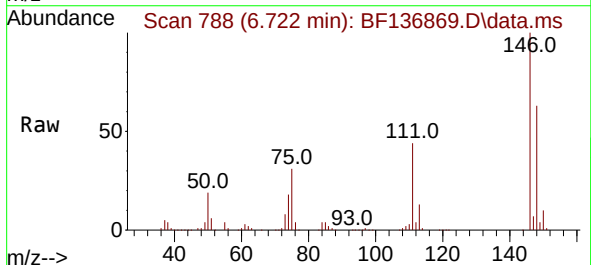
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

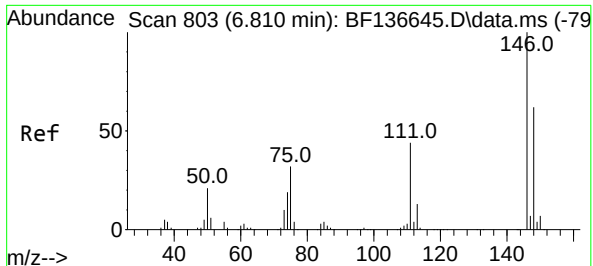
Tgt Ion: 93 Resp: 139463
Ion Ratio Lower Upper
93 100
63 76.5 61.2 101.2
95 31.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 34.308 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:146 Resp: 144140
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 31.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 34.252 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

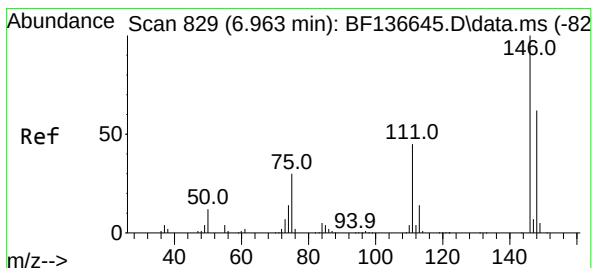
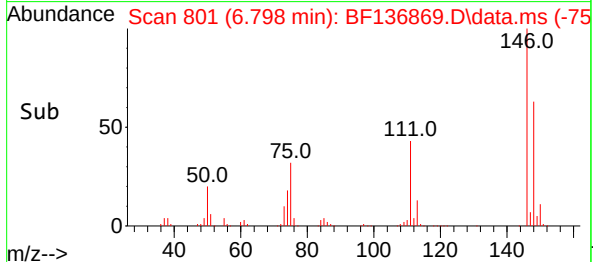
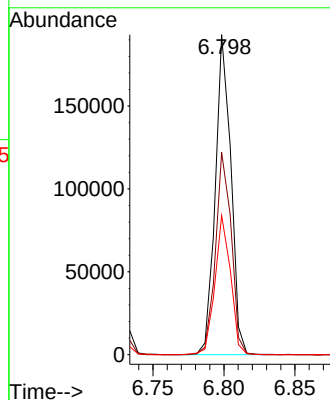
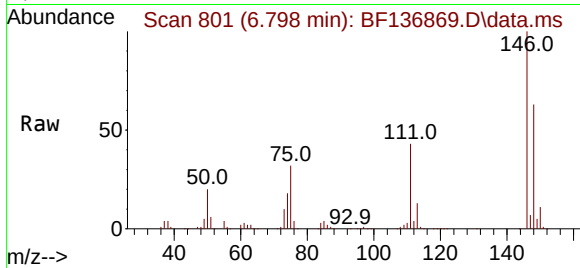
Tgt Ion:146 Resp: 147036

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 35.556 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

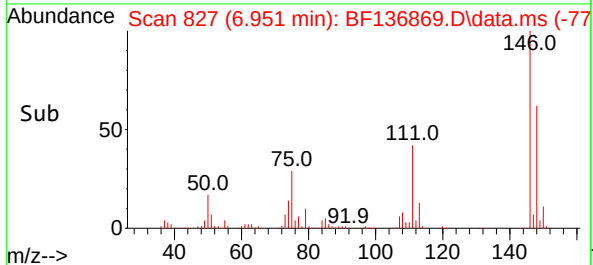
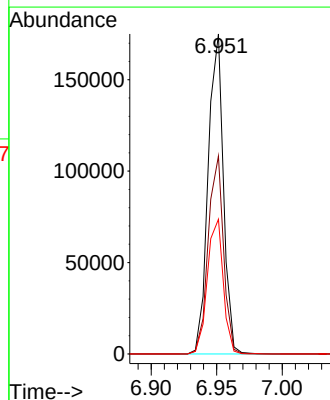
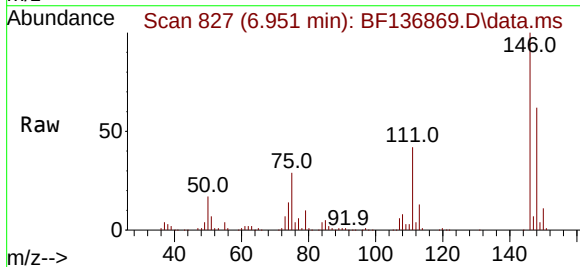
Tgt Ion:146 Resp: 142031

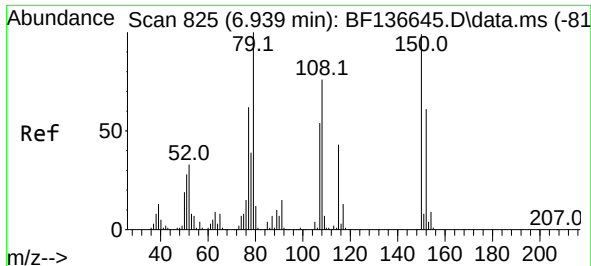
Ion Ratio Lower Upper

146 100

148 61.8 49.6 74.4

111 42.1 36.2 54.2

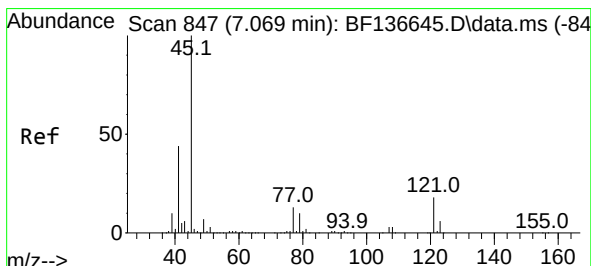
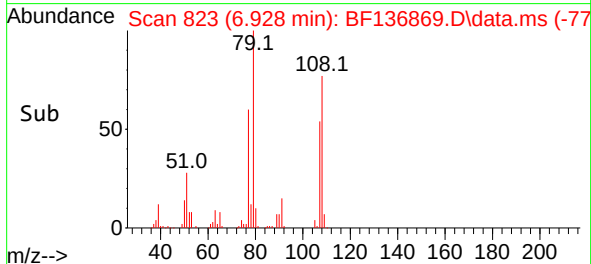
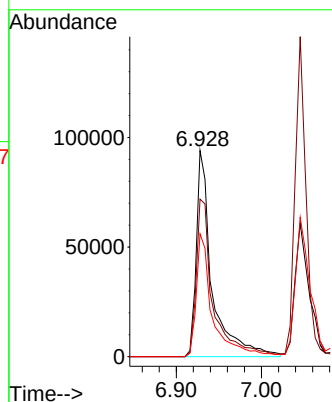
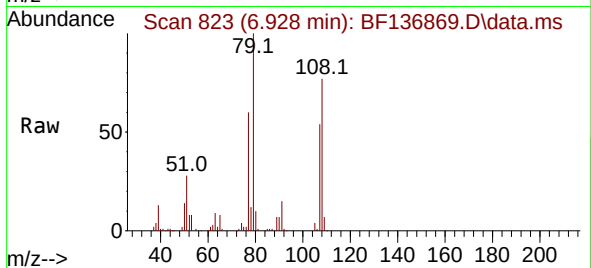




#15
Benzyl Alcohol
Concen: 39.654 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

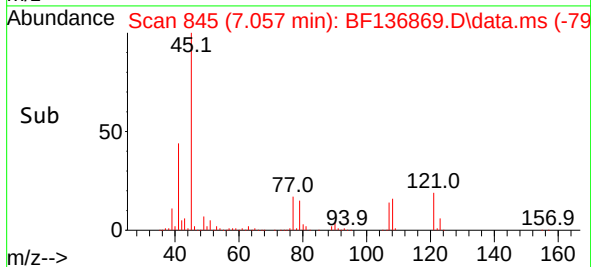
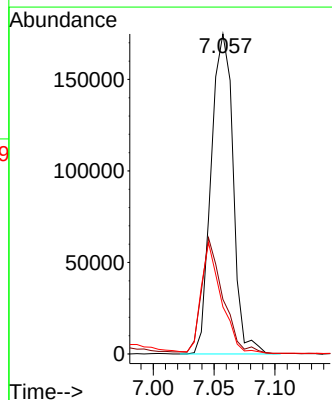
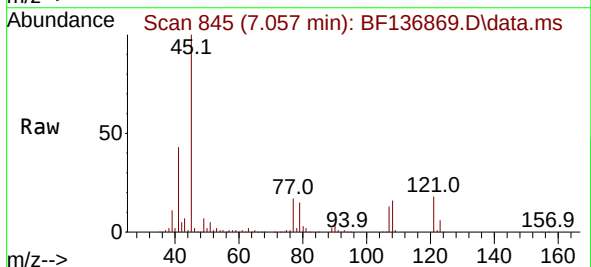
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

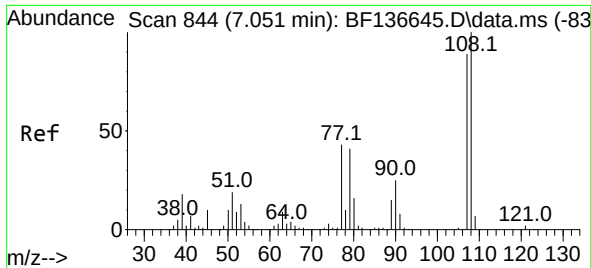
Tgt Ion: 79 Resp: 121993
Ion Ratio Lower Upper
79 100
108 76.5 61.0 91.6
77 59.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.243 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 45 Resp: 219366
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.3
79 14.7 0.0 31.4

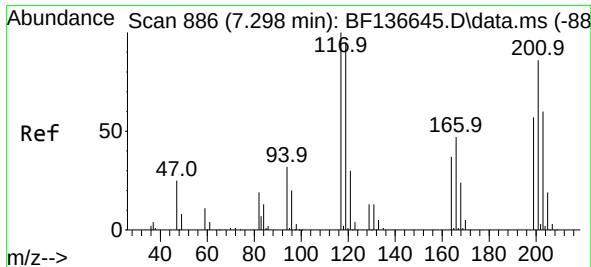
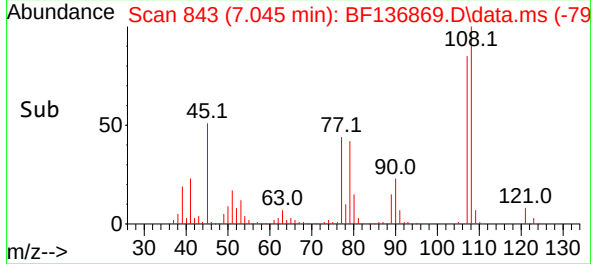
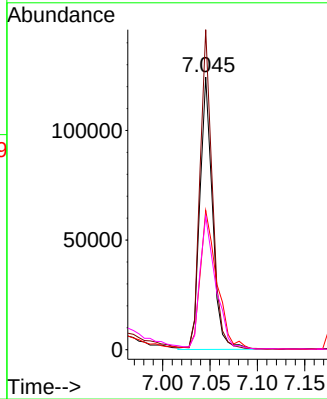
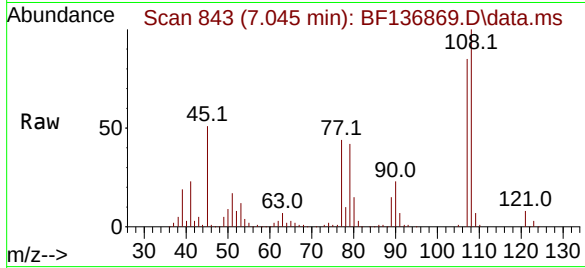




#17
2-Methylphenol
Concen: 36.188 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

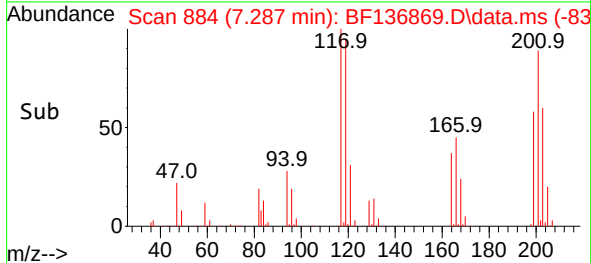
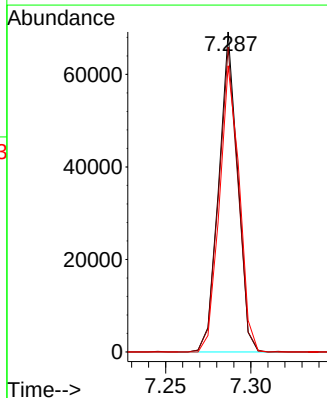
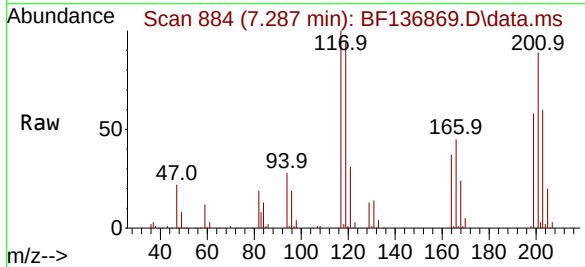
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

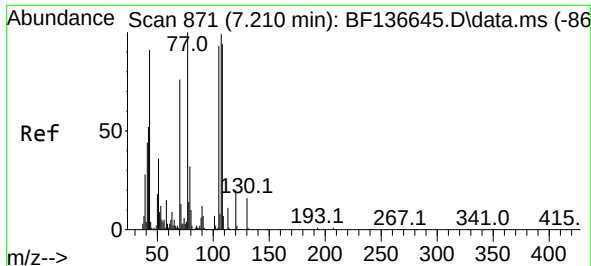
Tgt Ion:	107	Resp:	115459
Ion	Ratio	Lower	Upper
107	100		
108	117.4	90.3	135.5
77	51.1	38.7	58.1
79	48.9	37.8	56.6



#18
Hexachloroethane
Concen: 34.230 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:	117	Resp:	53366
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6
201	89.4	69.1	103.7

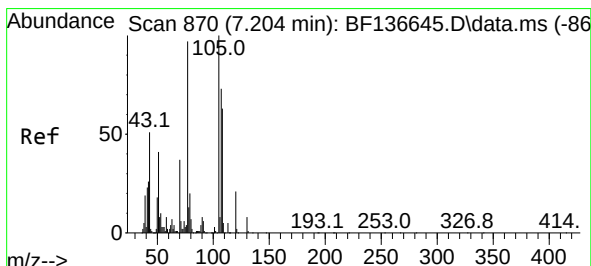
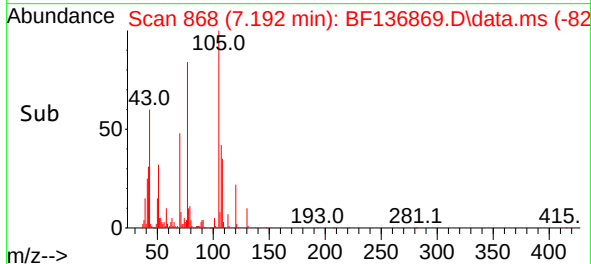
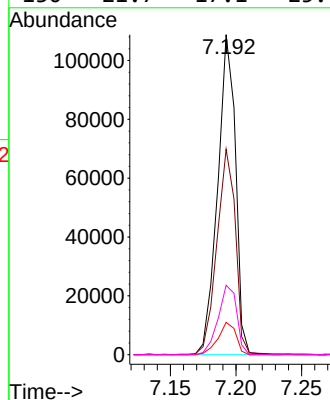
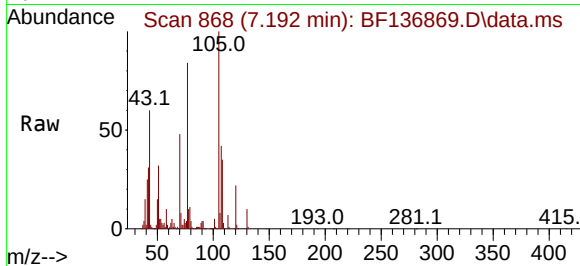




#19
n-Nitroso-di-n-propylamine
Concen: 37.291 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

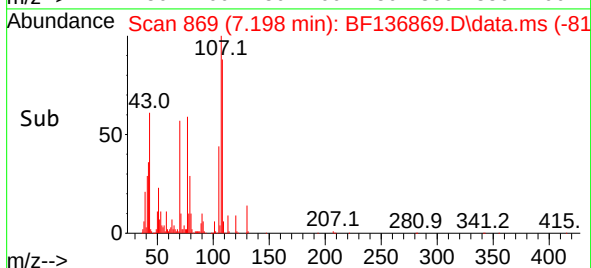
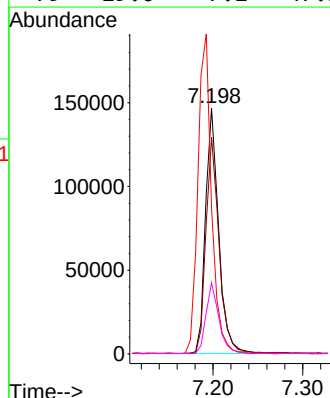
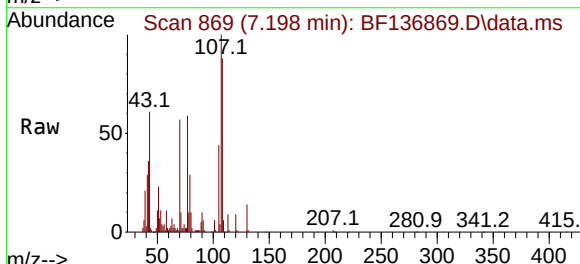
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

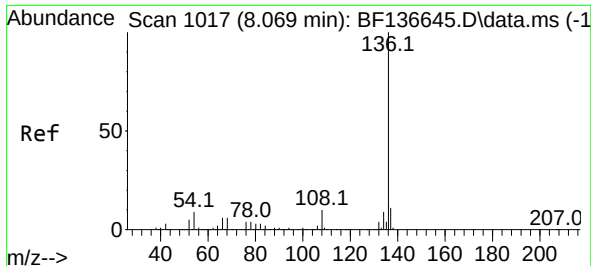
Tgt Ion: 70 Resp: 103086
Ion Ratio Lower Upper
70 100
42 64.2 54.2 81.4
101 10.1 7.6 11.4
130 21.7 17.1 25.7



#20
3+4-Methylphenols
Concen: 37.318 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 107 Resp: 148747
Ion Ratio Lower Upper
107 100
108 88.2 66.0 106.0
77 59.3 114.2 154.2#
79 29.0 7.2 47.2



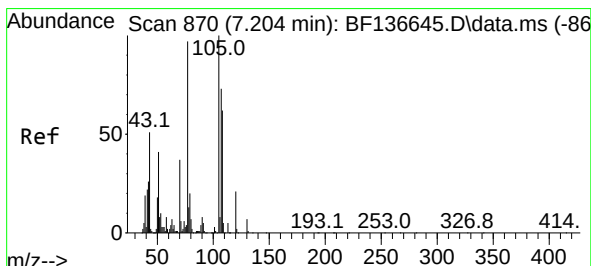
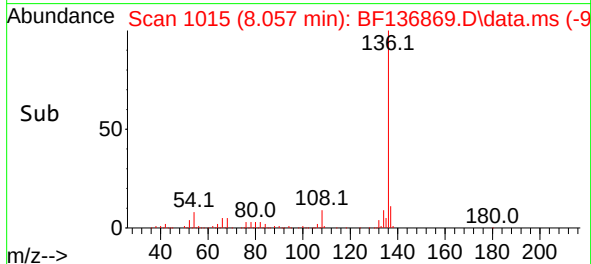
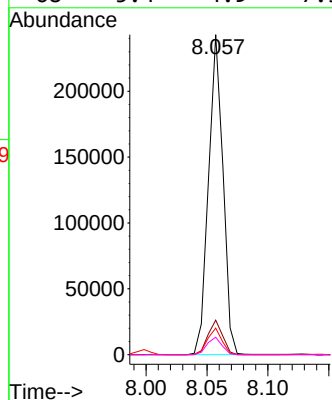
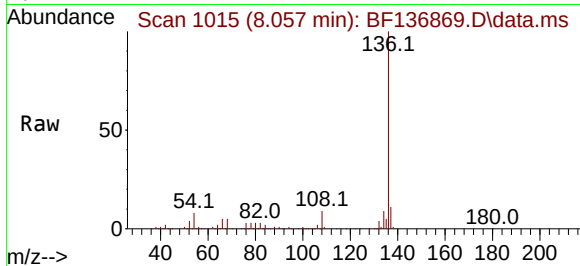


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

Tgt Ion:136 Resp: 199826

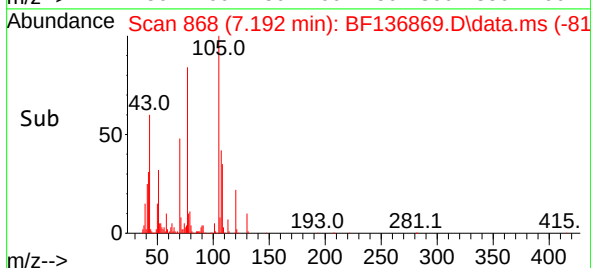
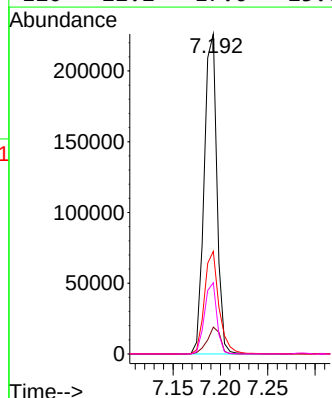
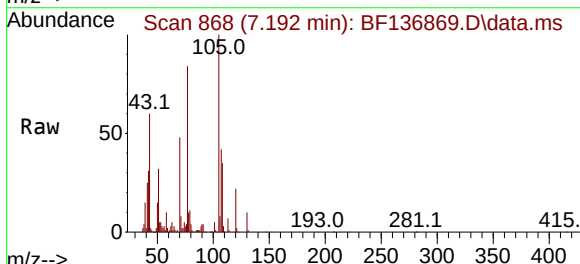
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.3	7.2	10.8
68	5.4	4.9	7.3

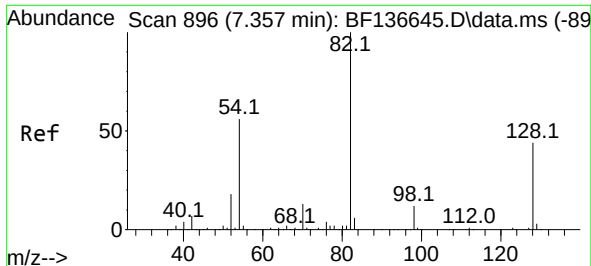


#22
Acetophenone
Concen: 42.124 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:105 Resp: 210983

Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.8	7.2#
51	32.1	32.8	49.2#
120	22.2	17.0	25.6

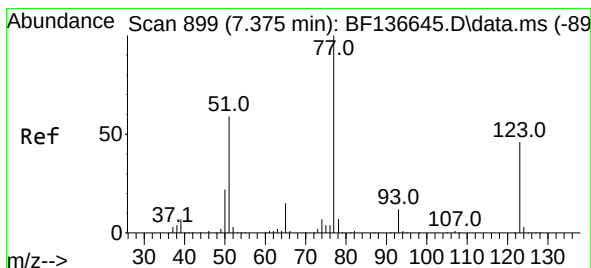
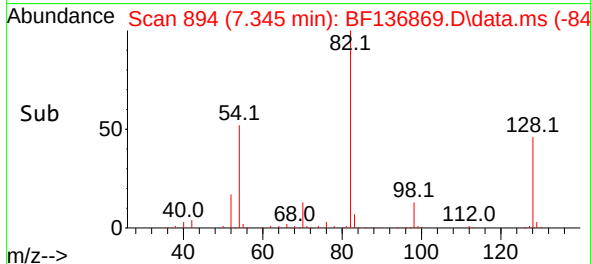
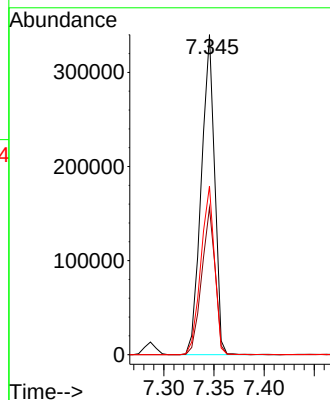
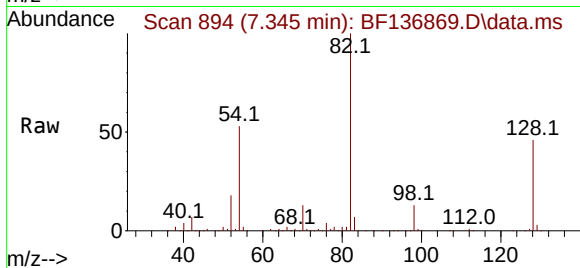




#23
Nitrobenzene-d5
Concen: 81.103 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

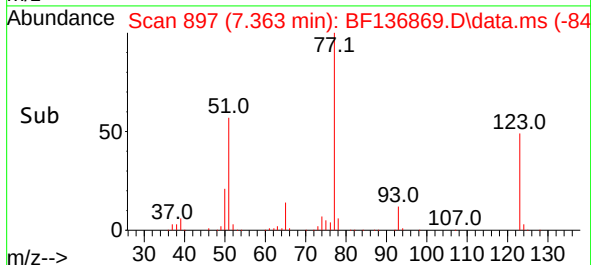
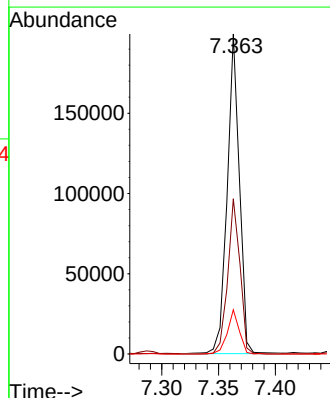
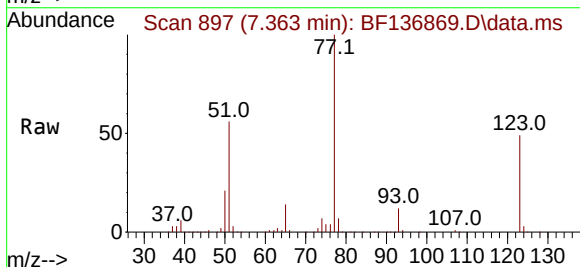
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

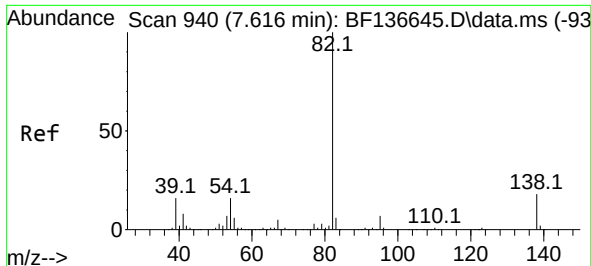
Tgt Ion: 82 Resp: 316712
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 52.7 44.5 66.7



#24
Nitrobenzene
Concen: 38.143 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 77 Resp: 149211
Ion Ratio Lower Upper
77 100
123 48.5 36.7 55.1
65 13.8 11.8 17.6

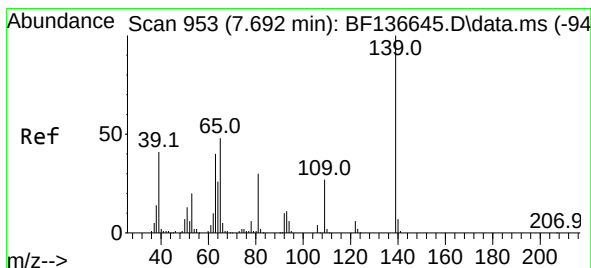
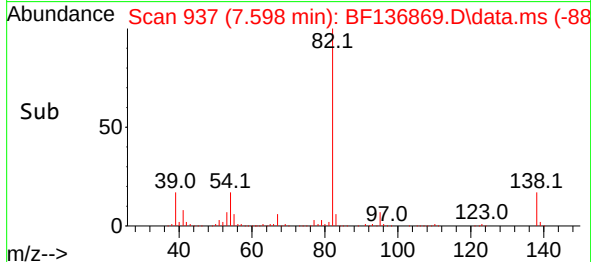
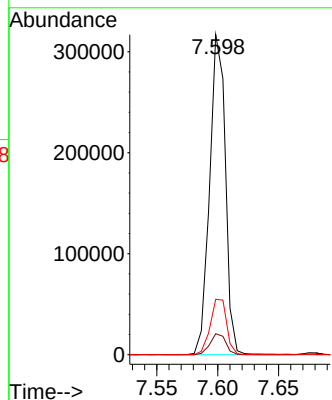
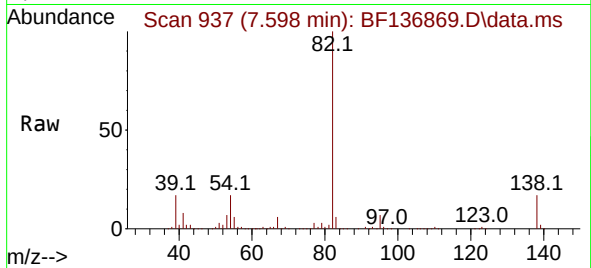




#25
Isophorone
Concen: 40.233 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

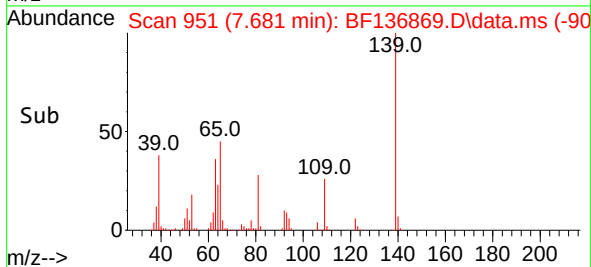
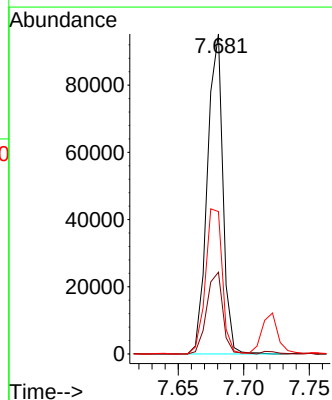
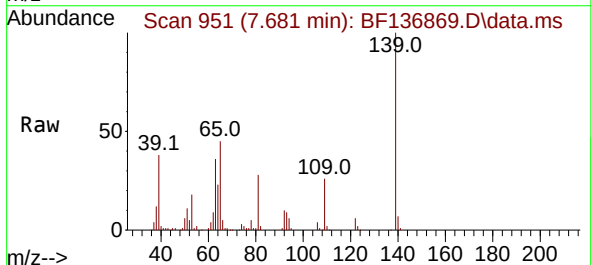
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

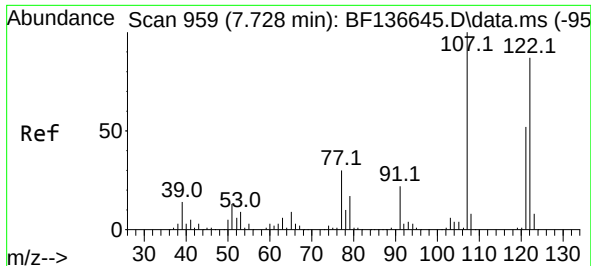
Tgt Ion: 82 Resp: 285881
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 42.026 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 139 Resp: 78655
Ion Ratio Lower Upper
139 100
109 25.6 21.9 32.9
65 44.5 38.6 58.0

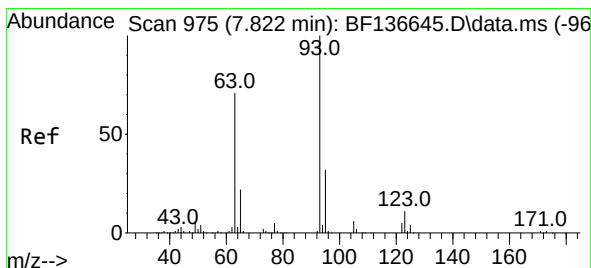
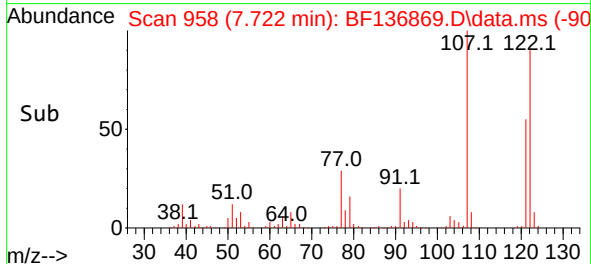
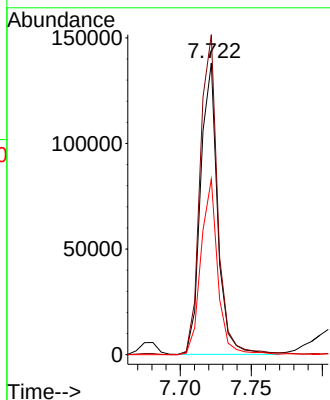
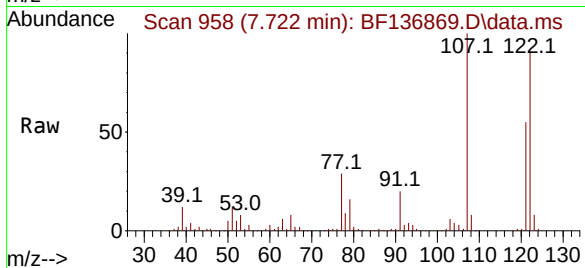




#27
2,4-Dimethylphenol
Concen: 50.776 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

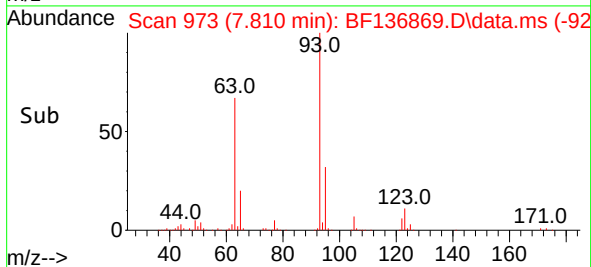
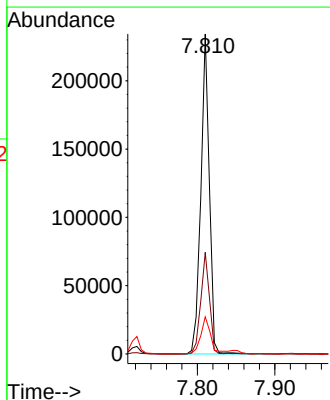
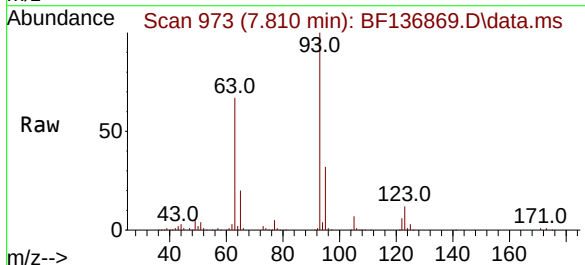
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

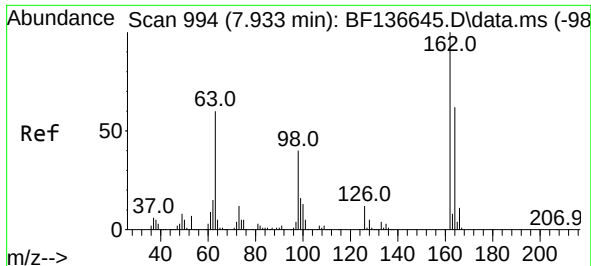
Tgt Ion:122 Resp: 115696
Ion Ratio Lower Upper
122 100
107 109.7 92.0 138.0
121 60.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.291 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion: 93 Resp: 178344
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.509 ng

RT: 7.922 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

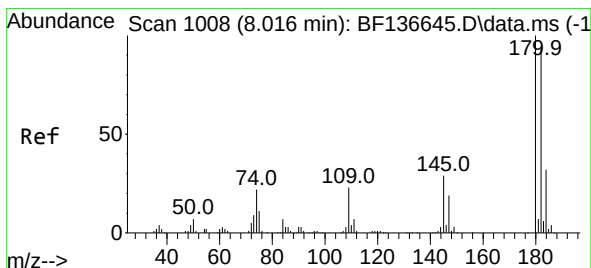
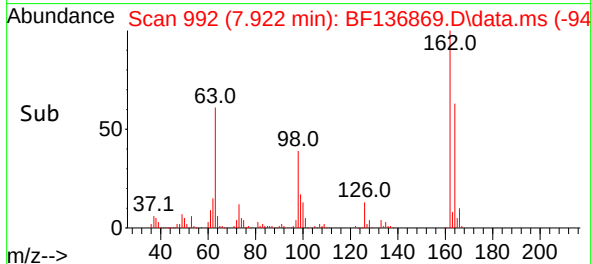
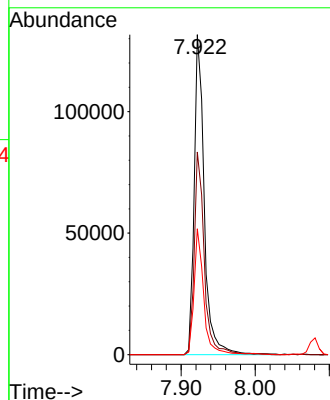
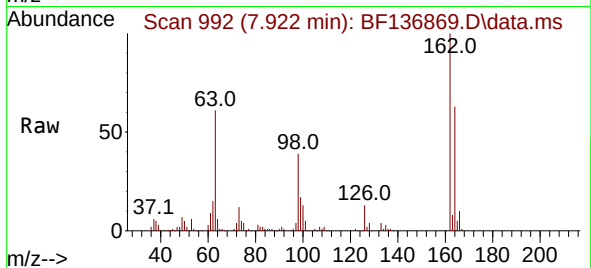
Tgt Ion:162 Resp: 124697

Ion Ratio Lower Upper

162 100

164 63.3 41.7 81.7

98 39.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.716 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.017 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

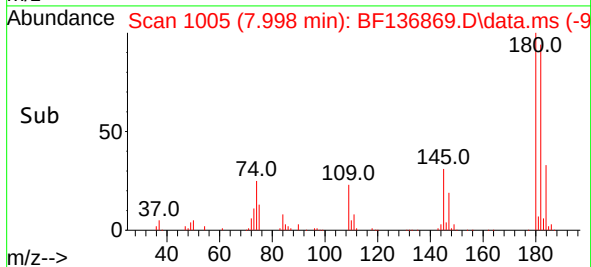
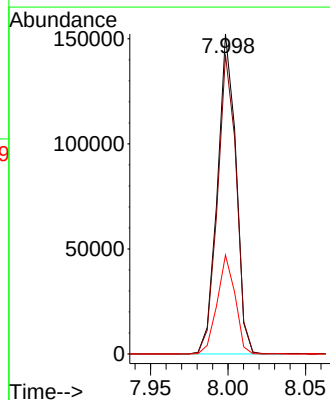
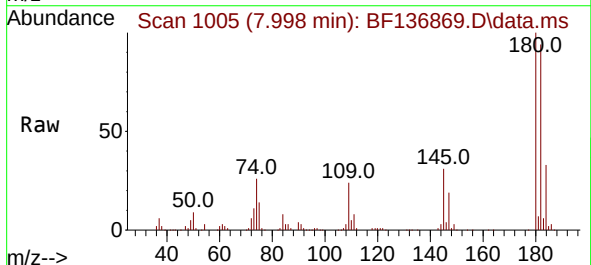
Tgt Ion:180 Resp: 126539

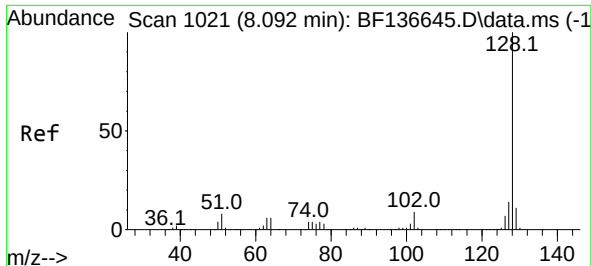
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

145 30.9 23.1 34.7

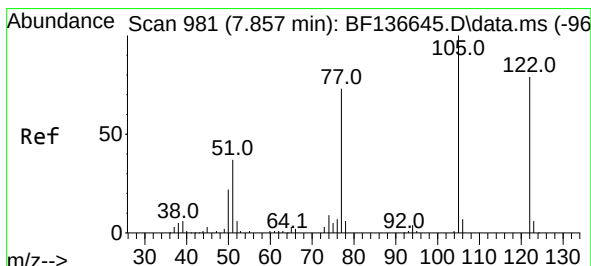
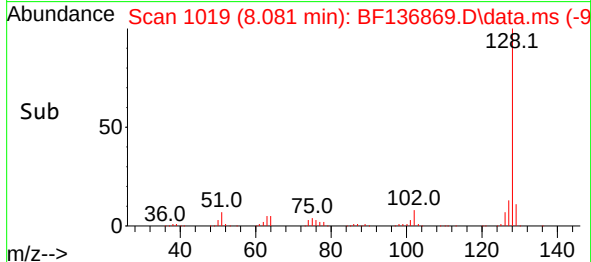
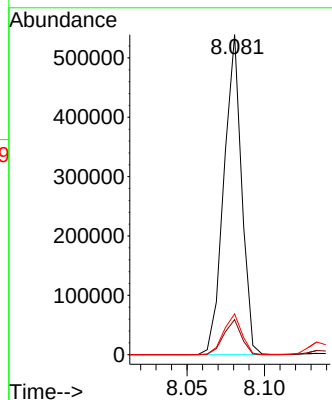
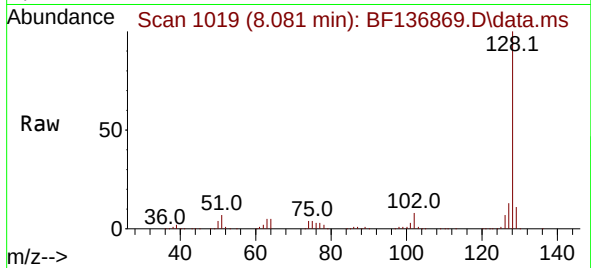




#31
Naphthalene
Concen: 39.053 ng
RT: 8.081 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

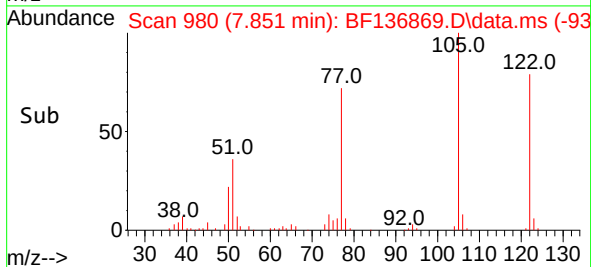
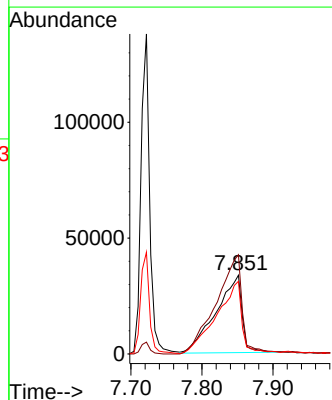
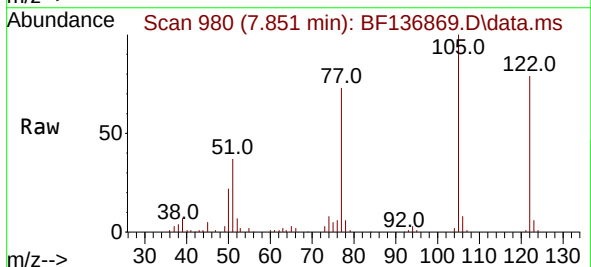
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

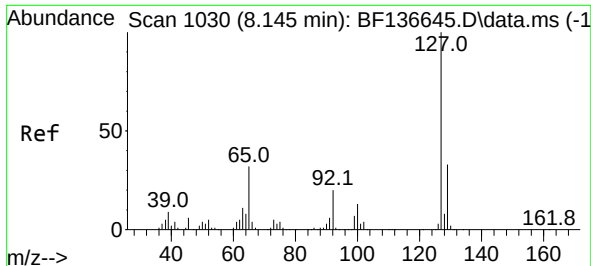
Tgt Ion:128 Resp: 428725
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.8 16.2



#32
Benzoic acid
Concen: 38.565 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:122 Resp: 85023
Ion Ratio Lower Upper
122 100
105 126.0 100.8 140.8
77 92.3 70.9 110.9

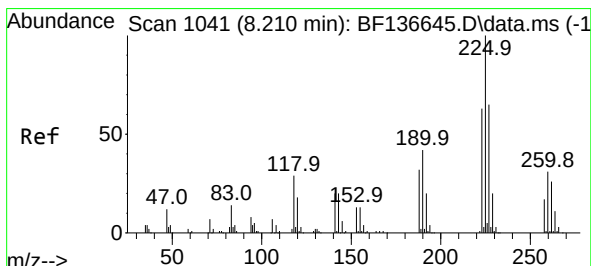
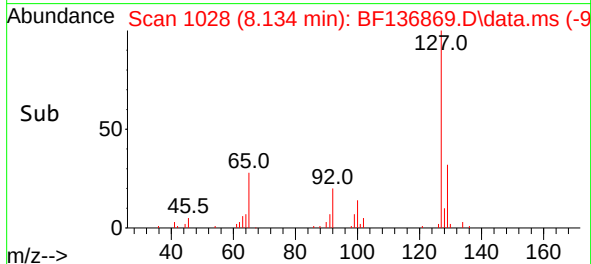
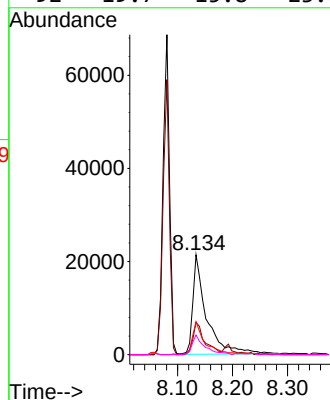
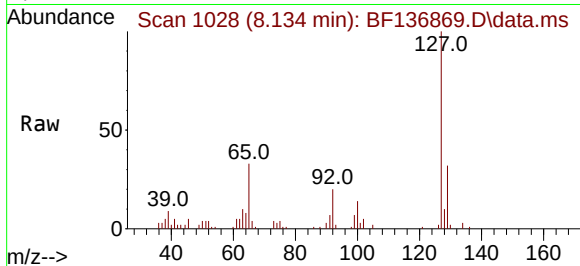




#33
4-Chloroaniline
Concen: 9.114 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

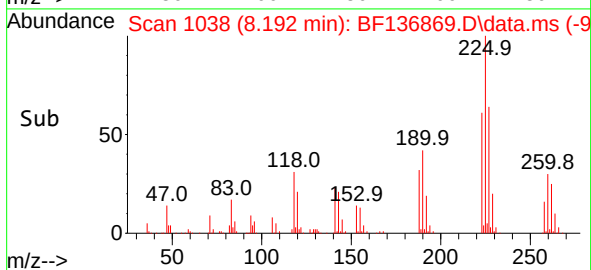
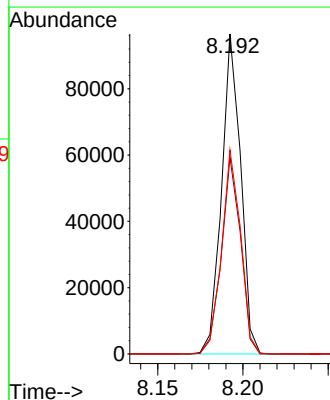
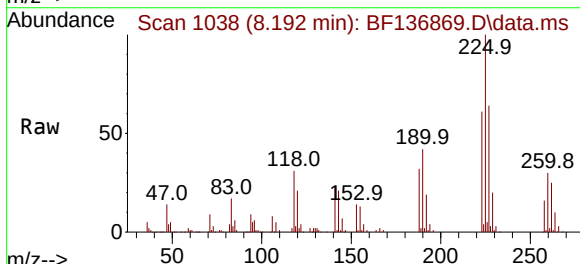
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

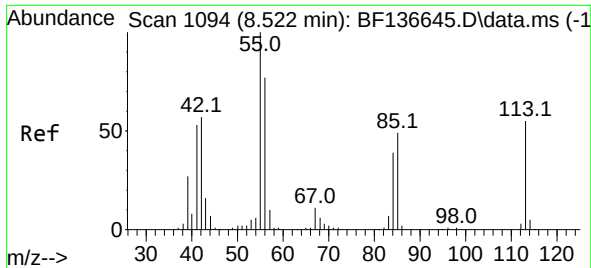
Tgt Ion:	127	Resp:	36943
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	33.1	25.8	38.8
92	19.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 37.826 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:	225	Resp:	75114
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.8	51.9	77.9

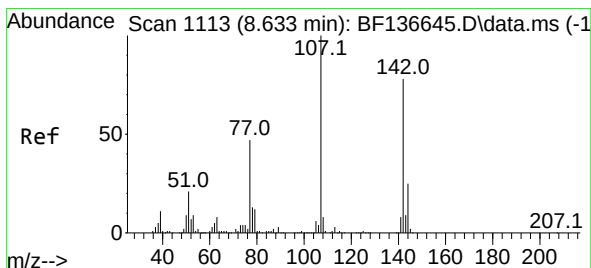
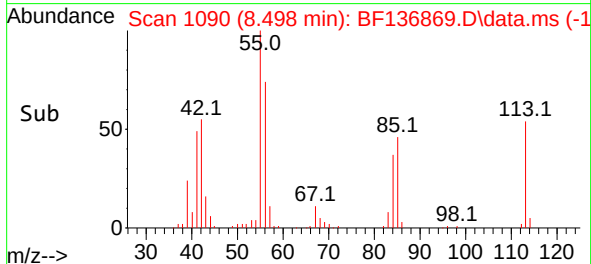
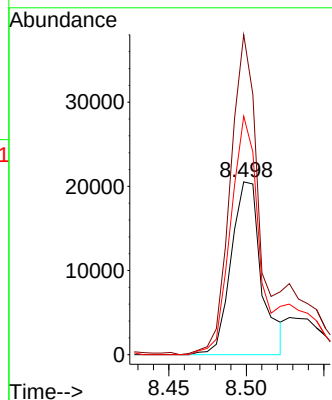
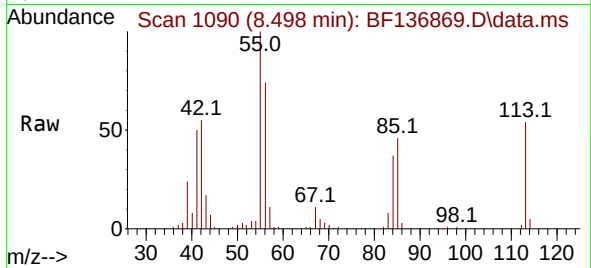




#35
 Caprolactam
 Concen: 28.896 ng
 RT: 8.498 min Scan# 1094
 Delta R.T. -0.023 min
 Lab File: BF136869.D
 Acq: 02 Jan 2024 14:02

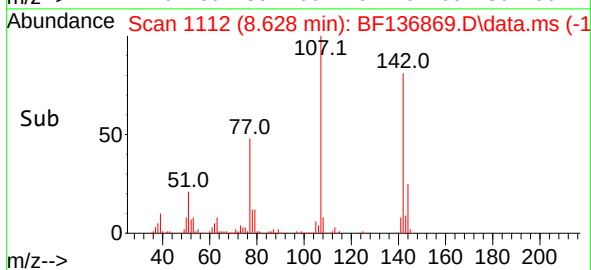
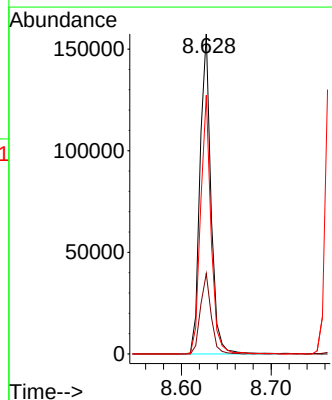
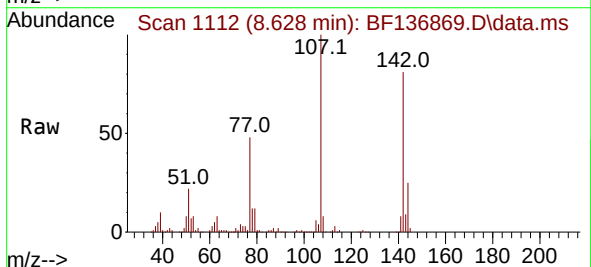
Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2MS

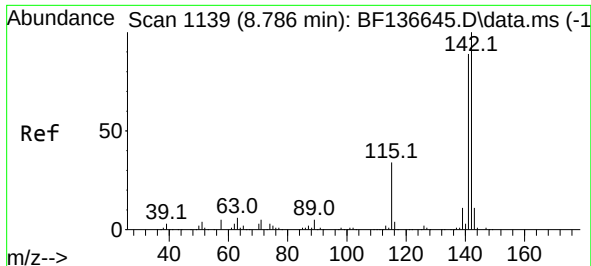
Tgt Ion:113 Resp: 27964
 Ion Ratio Lower Upper
 113 100
 55 185.2 163.1 203.1
 56 138.0 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.385 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136869.D
 Acq: 02 Jan 2024 14:02

Tgt Ion:107 Resp: 133369
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 80.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.816 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.017 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

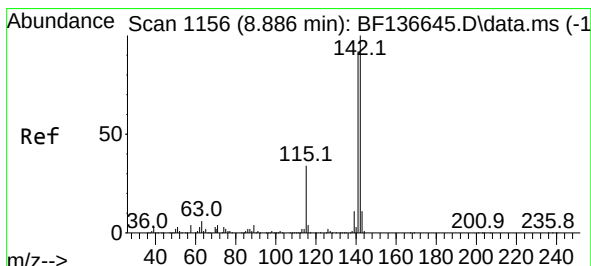
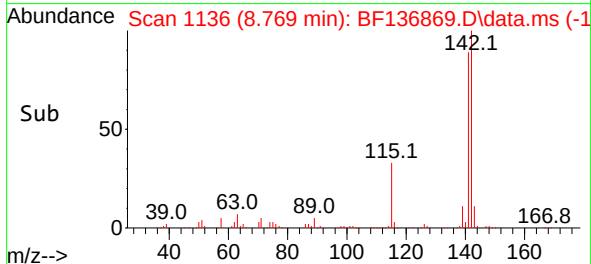
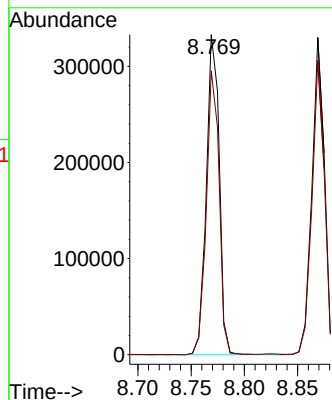
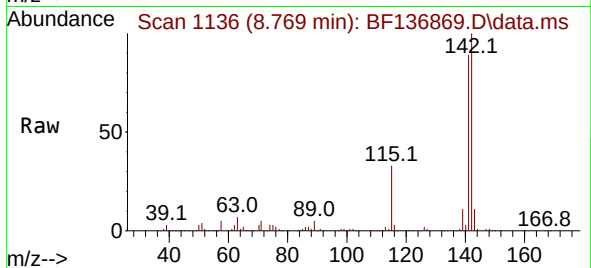
MR-317-0-2MS

Tgt Ion:142 Resp: 281300

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.844 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.017 min

Lab File: BF136869.D

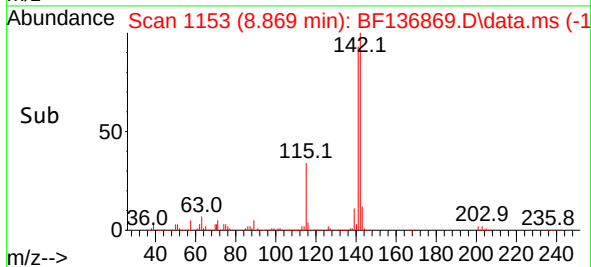
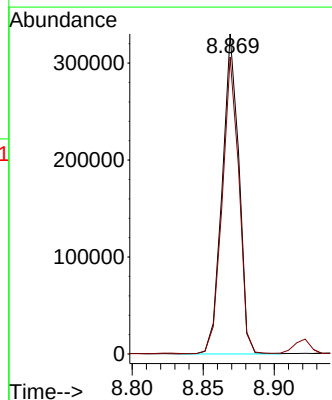
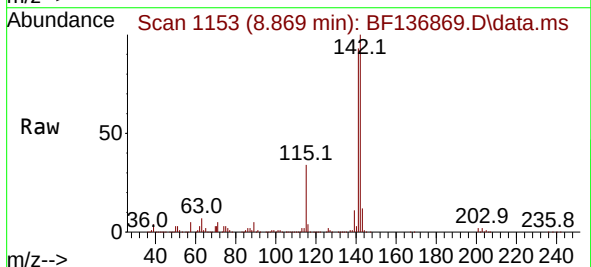
Acq: 02 Jan 2024 14:02

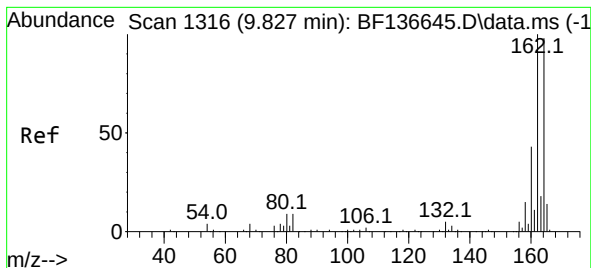
Tgt Ion:142 Resp: 269246

Ion Ratio Lower Upper

142 100

141 92.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

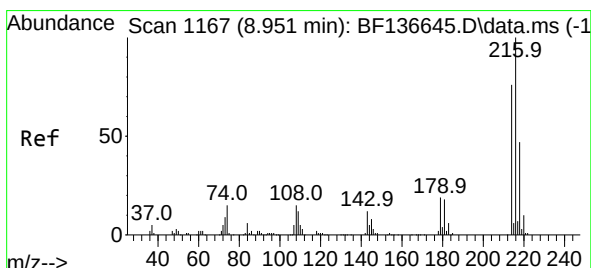
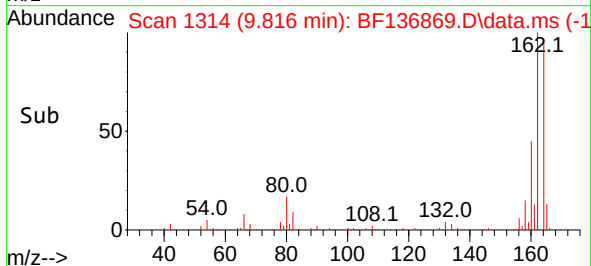
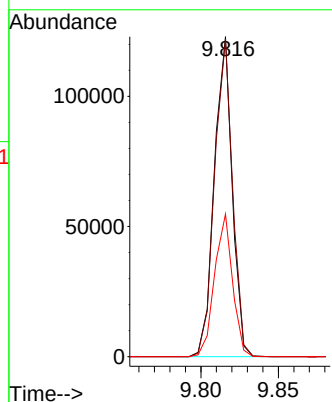
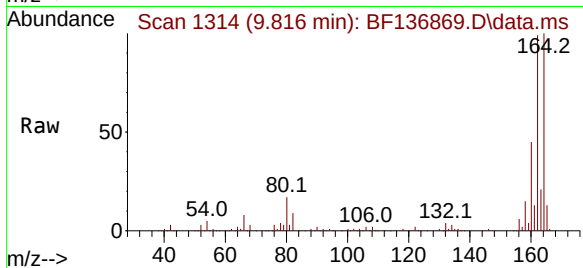
Tgt Ion:164 Resp: 98500

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

160 44.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.328 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Tgt Ion:216 Resp: 138274

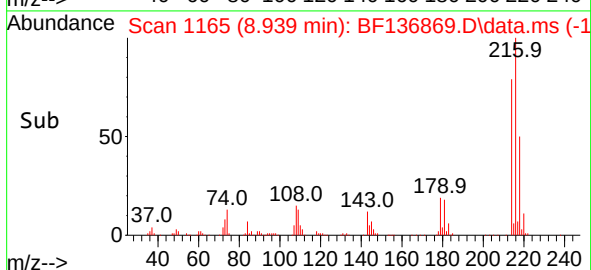
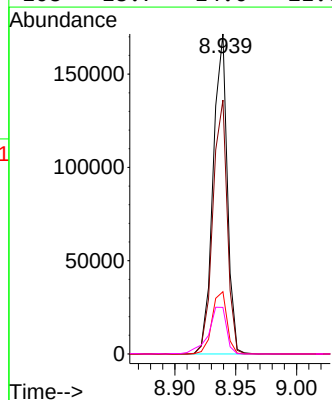
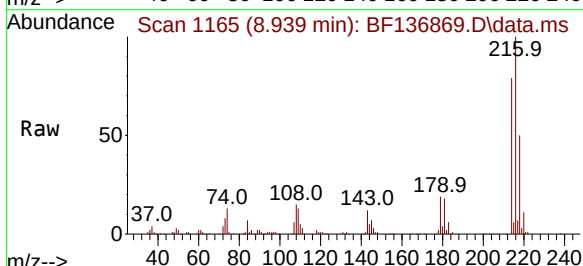
Ion Ratio Lower Upper

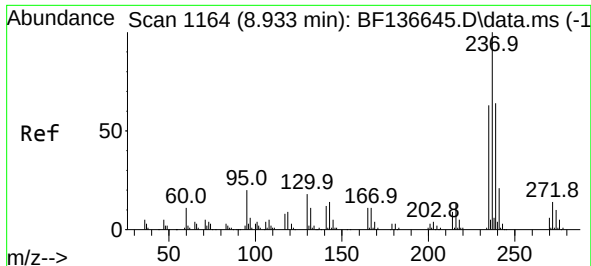
216 100

214 80.6 62.3 93.5

179 20.4 16.4 24.6

108 18.7 14.0 21.0

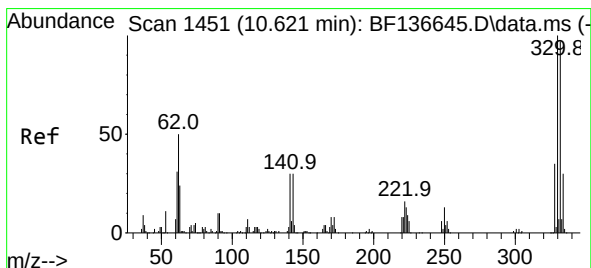
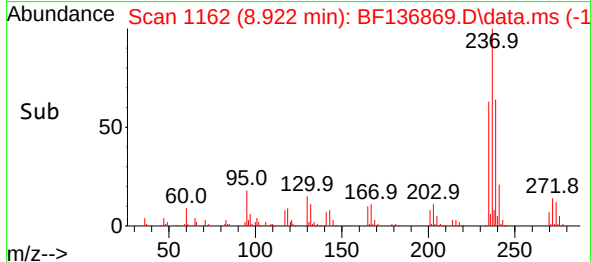
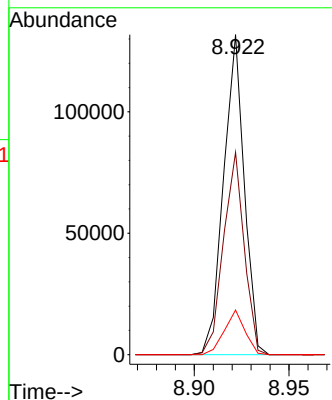
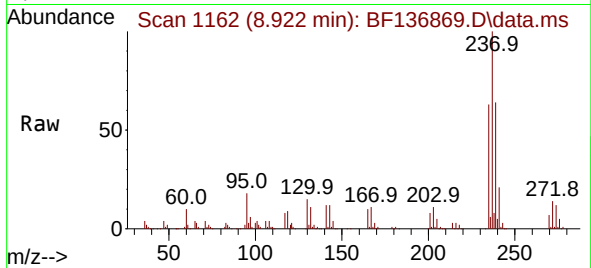




#41
Hexachlorocyclopentadiene
Concen: 101.594 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

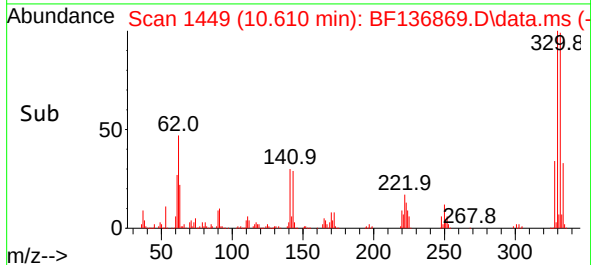
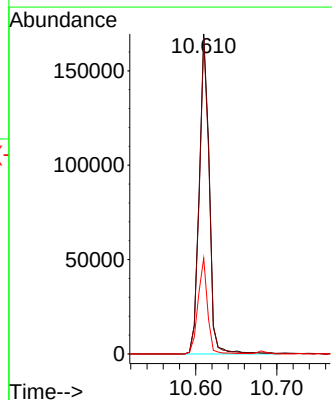
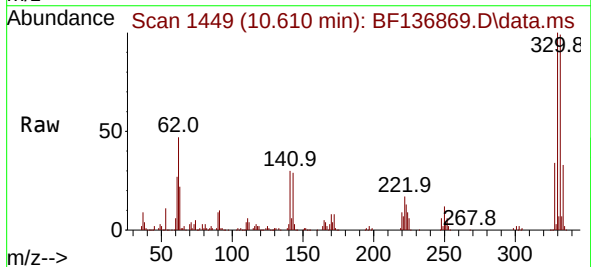
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

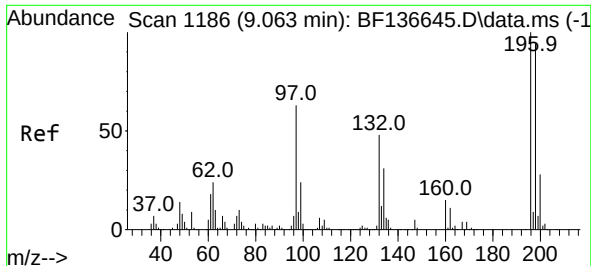
Tgt Ion:237 Resp: 100184
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 14.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 125.788 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:330 Resp: 145921
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 28.3 23.4 35.2

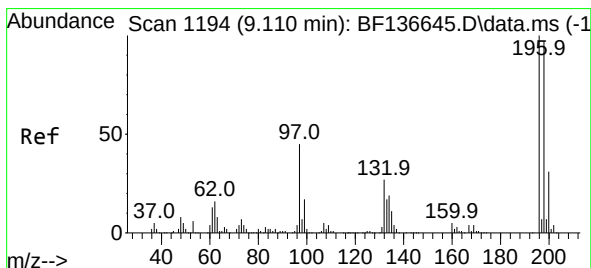
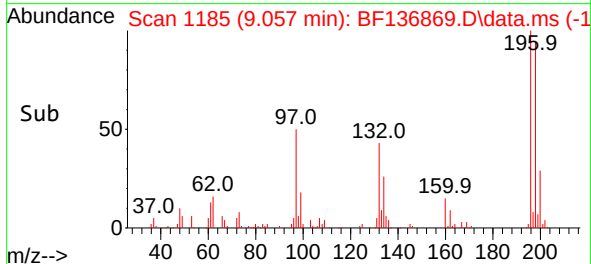
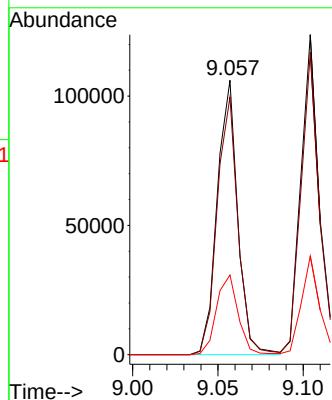
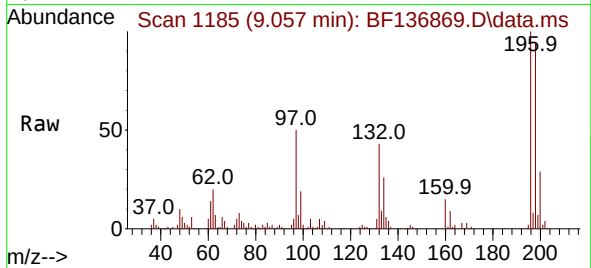




#43
2,4,6-Trichlorophenol
Concen: 45.544 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

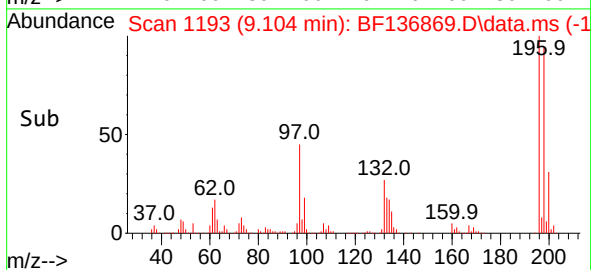
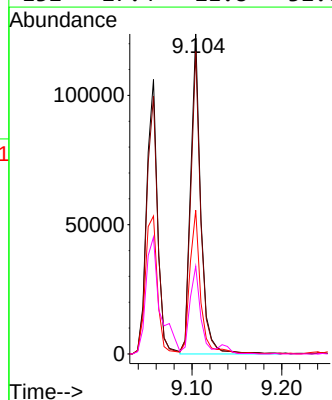
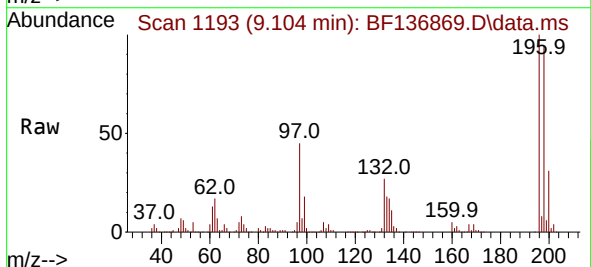
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

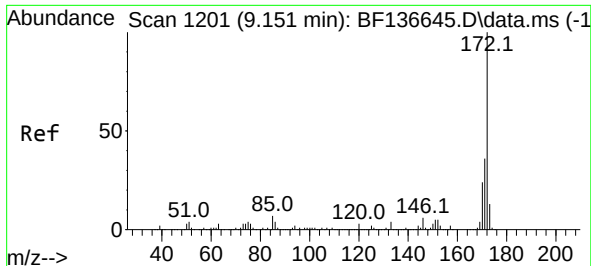
Tgt Ion:196 Resp: 89100
Ion Ratio Lower Upper
196 100
198 93.9 75.1 112.7
200 29.0 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 44.537 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:196 Resp: 97093
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
97 44.9 36.1 54.1
132 27.4 21.8 32.6

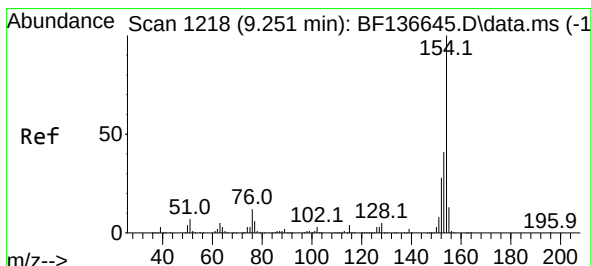
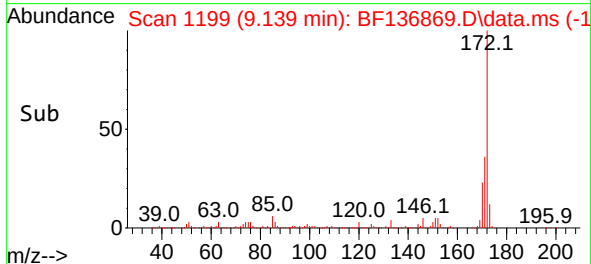
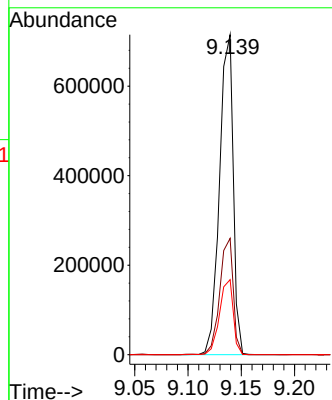
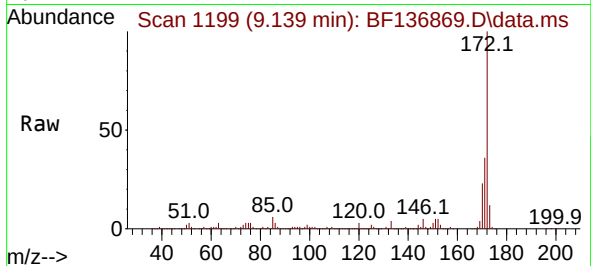




#45
2-Fluorobiphenyl
Concen: 86.974 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

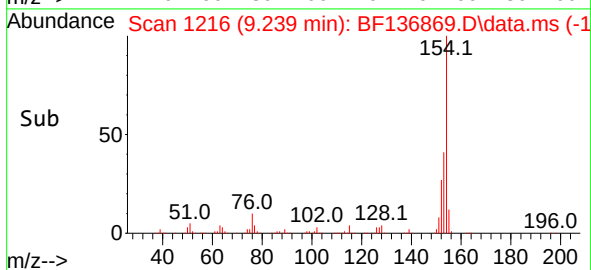
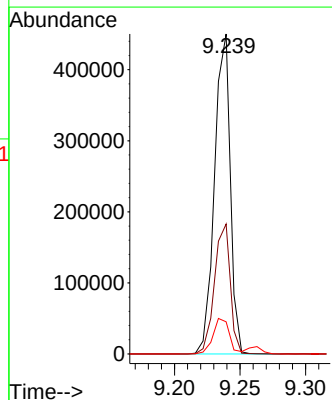
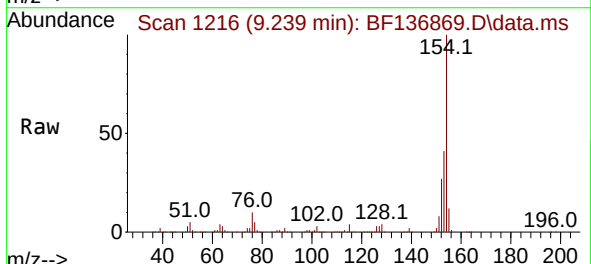
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

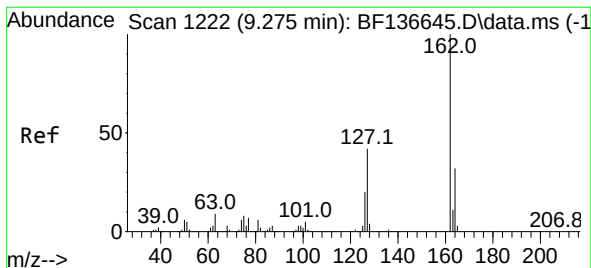
Tgt Ion:172 Resp: 636957
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.439 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:154 Resp: 375582
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 10.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.448 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

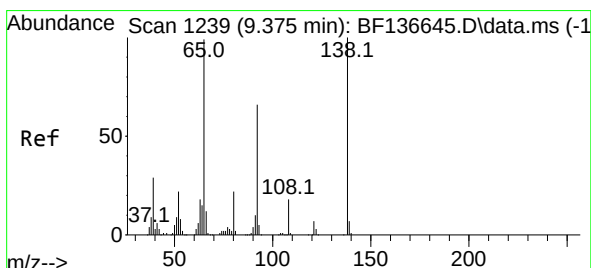
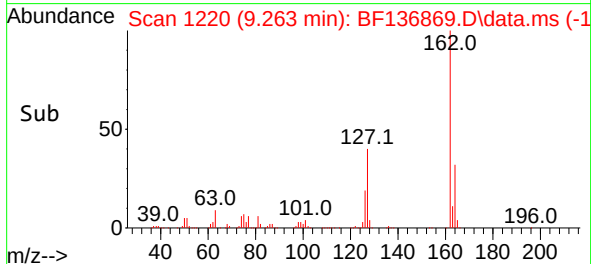
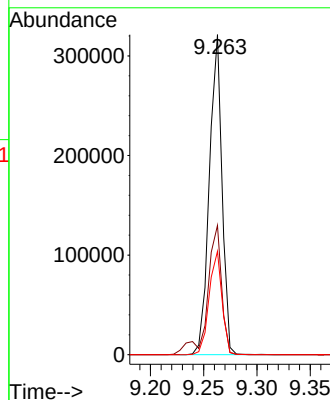
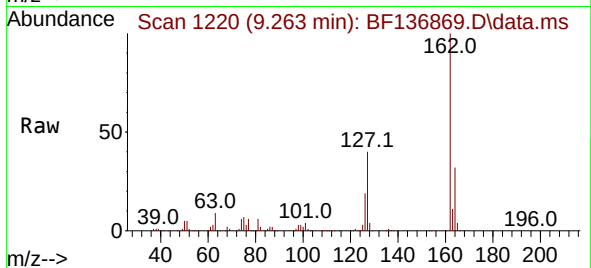
Tgt Ion:162 Resp: 266732

Ion Ratio Lower Upper

162 100

127 40.4 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 42.957 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

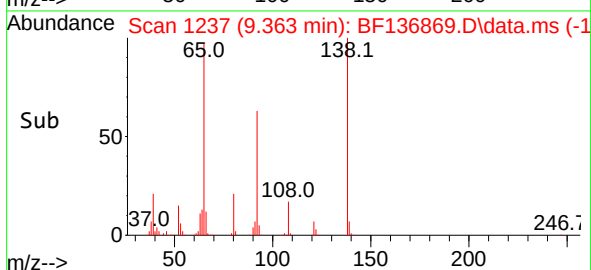
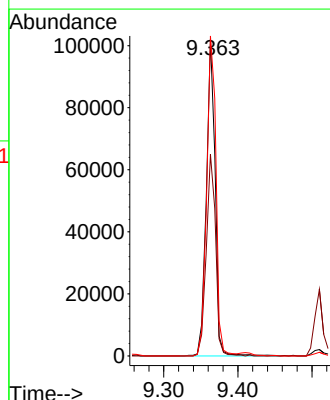
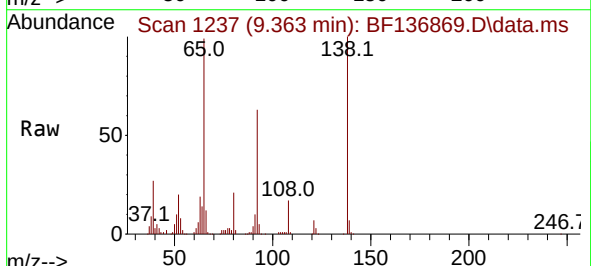
Tgt Ion: 65 Resp: 84528

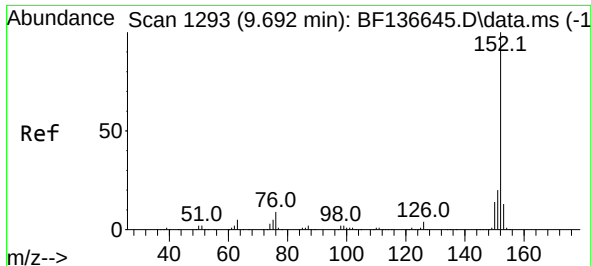
Ion Ratio Lower Upper

65 100

92 63.7 53.2 79.8

138 101.0 81.1 121.7

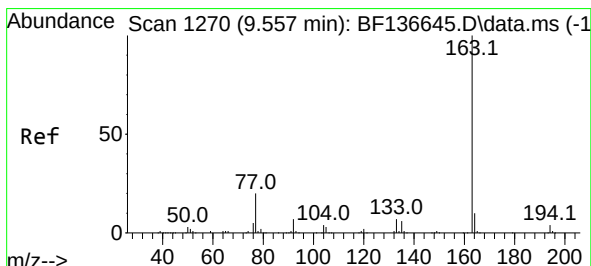
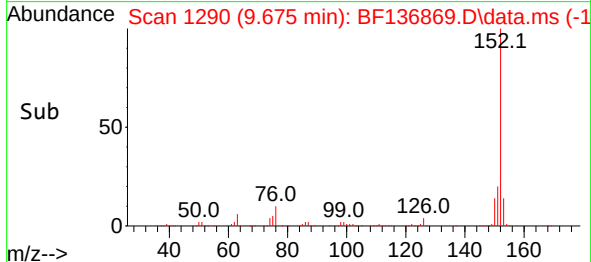
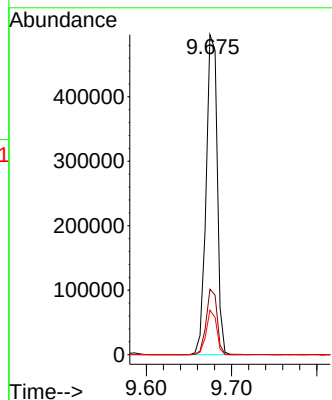
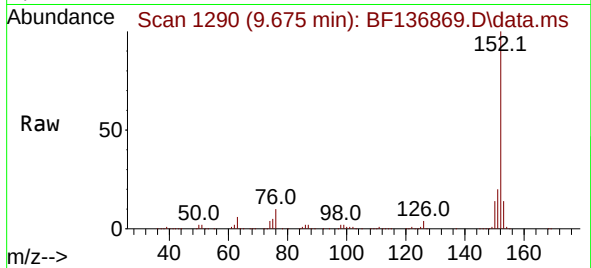




#49
Acenaphthylene
Concen: 46.705 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

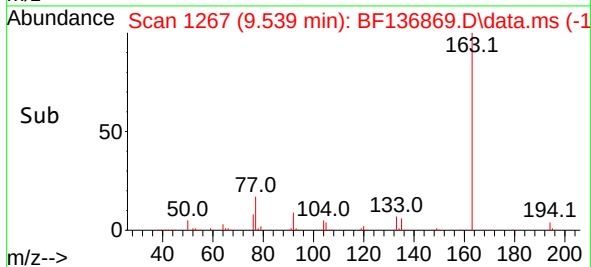
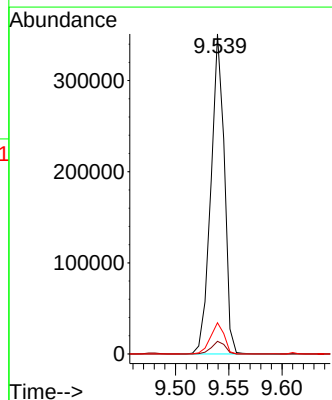
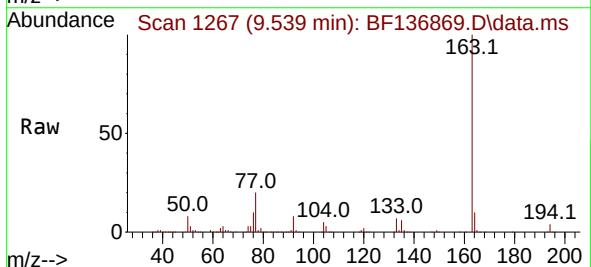
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

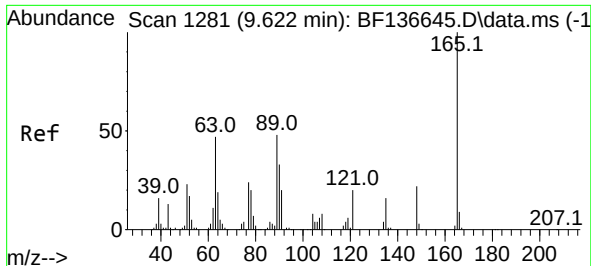
Tgt Ion:152 Resp: 448580
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.9 10.2 15.2



#50
Dimethylphthalate
Concen: 42.943 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:163 Resp: 308961
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 7.8 11.6

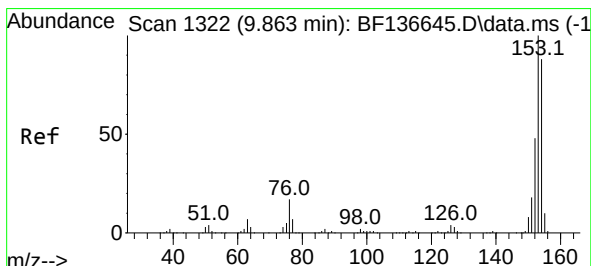
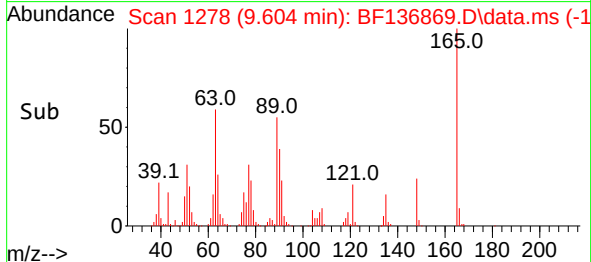
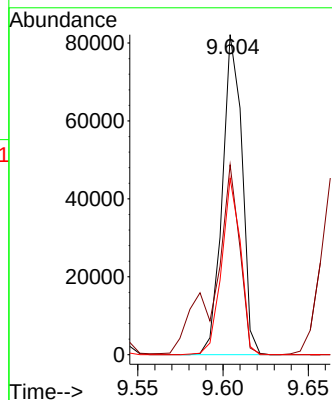
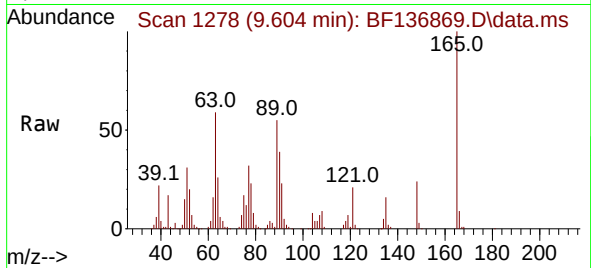




#51
2,6-Dinitrotoluene
Concen: 40.388 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

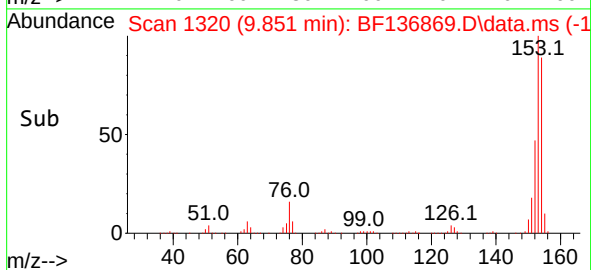
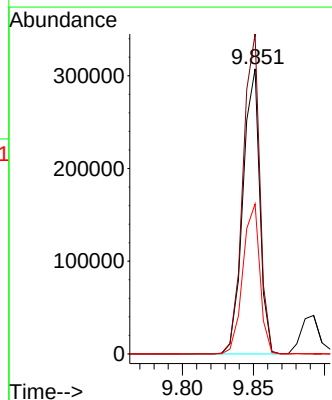
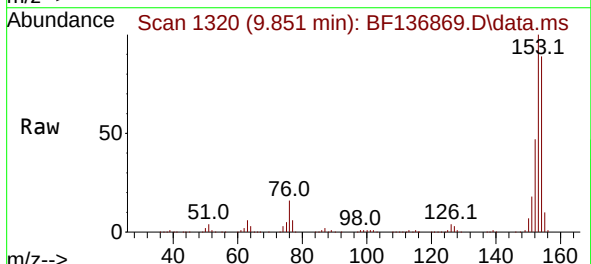
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

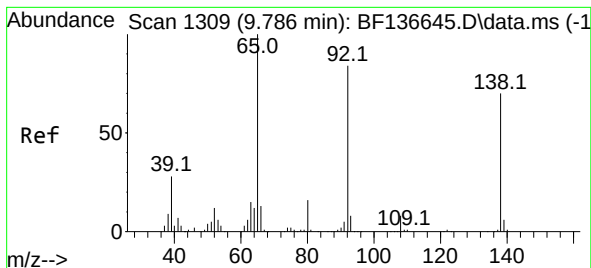
Tgt Ion:165 Resp: 65947
Ion Ratio Lower Upper
165 100
63 59.3 39.8 59.6
89 55.2 38.8 58.2



#52
Acenaphthene
Concen: 42.704 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:154 Resp: 254244
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 52.7 43.7 65.5





#53

3-Nitroaniline

Concen: 26.272 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

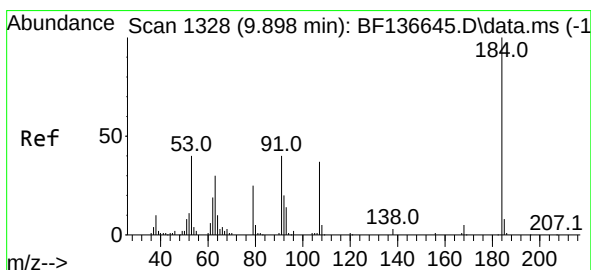
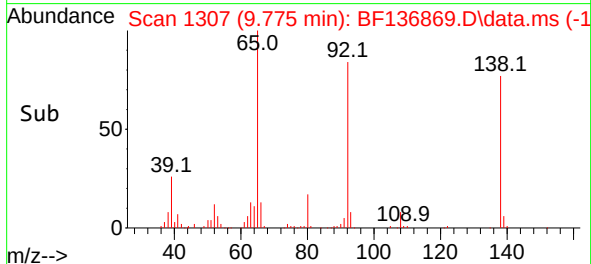
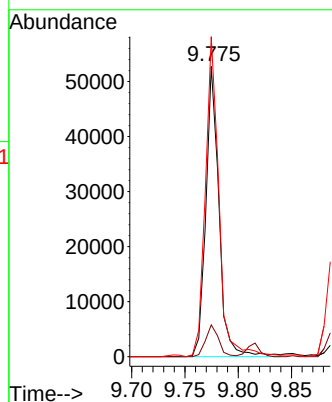
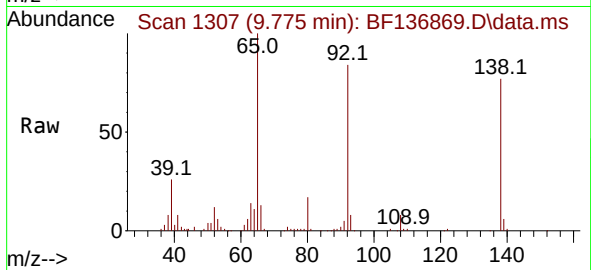
Tgt Ion:138 Resp: 45443

Ion Ratio Lower Upper

138 100

108 11.0 8.6 12.8

92 110.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 78.275 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

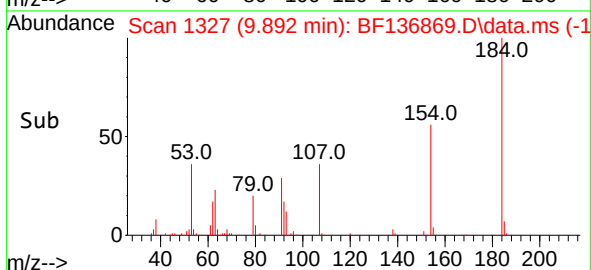
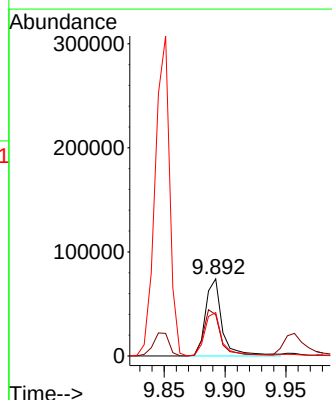
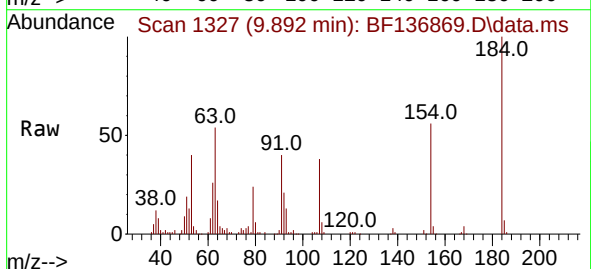
Tgt Ion:184 Resp: 70759

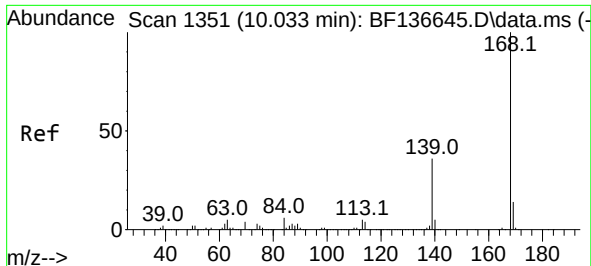
Ion Ratio Lower Upper

184 100

63 53.5 40.9 61.3

154 56.1 42.7 64.1

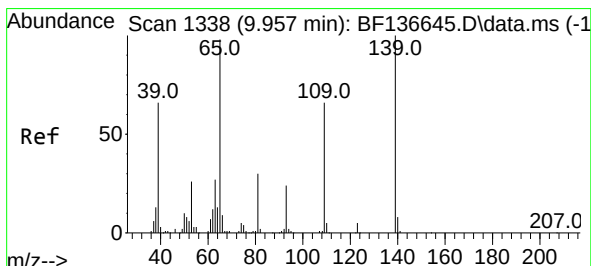
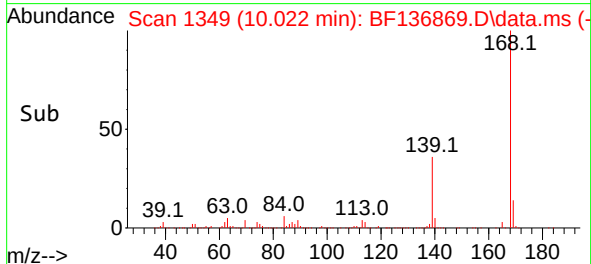
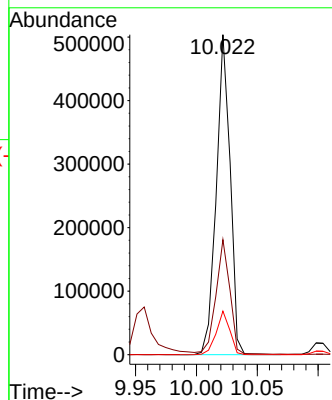
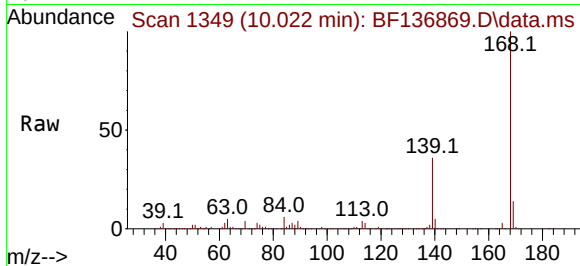




#55
Dibenzenofuran
Concen: 43.909 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

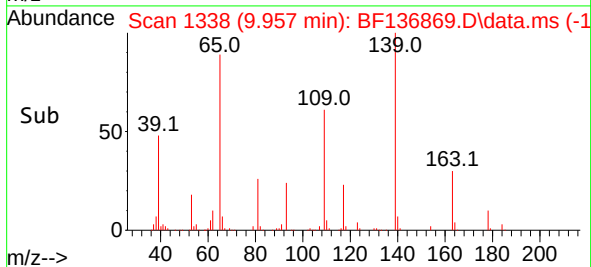
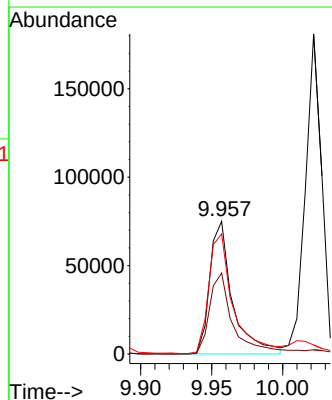
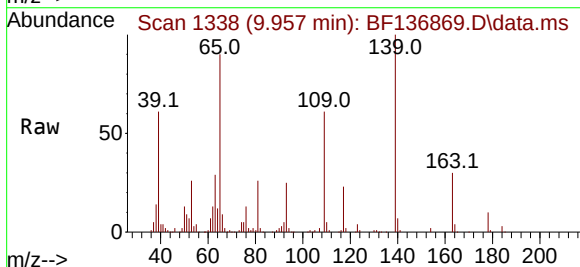
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

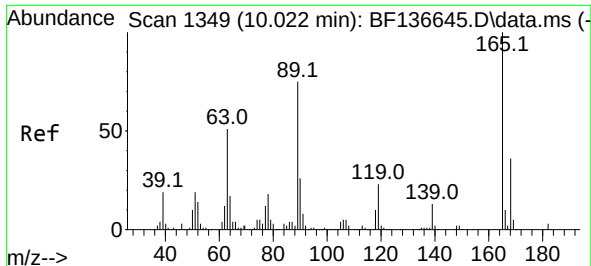
Tgt Ion:168 Resp: 396279
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 71.925 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:139 Resp: 83983
Ion Ratio Lower Upper
139 100
109 61.0 45.8 85.8
65 90.5 77.8 117.8

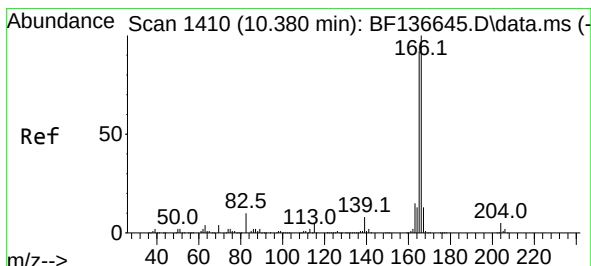
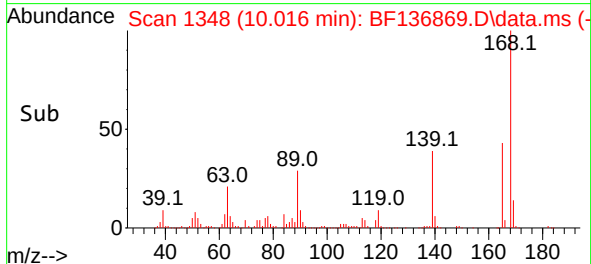
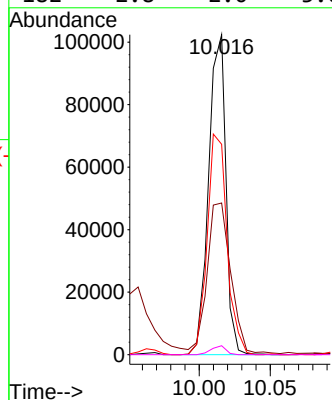
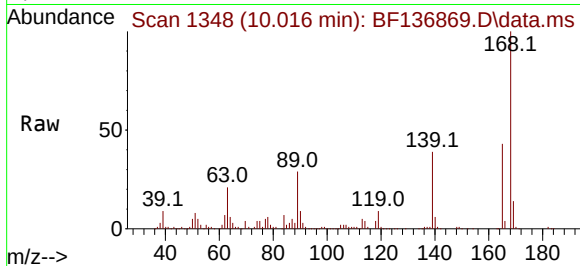




#57
2,4-Dinitrotoluene
Concen: 40.827 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

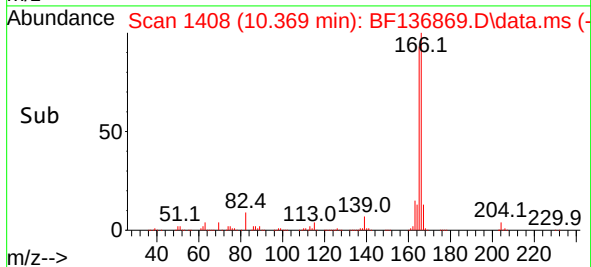
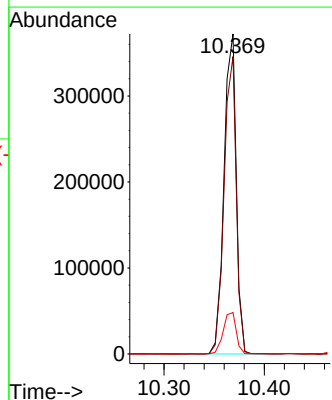
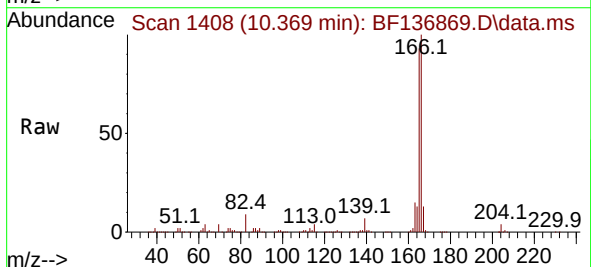
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

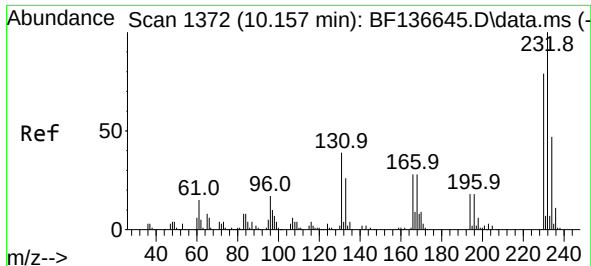
Tgt Ion:165 Resp: 86542
Ion Ratio Lower Upper
165 100
63 47.4 41.0 61.6
89 65.7 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.811 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:166 Resp: 313728
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 12.9 10.4 15.6

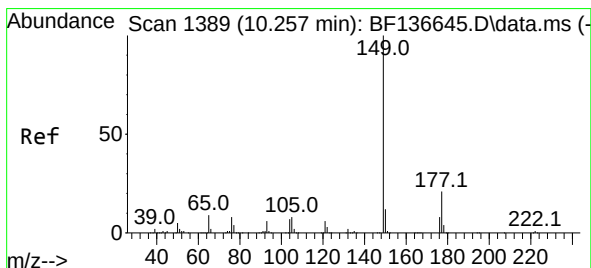
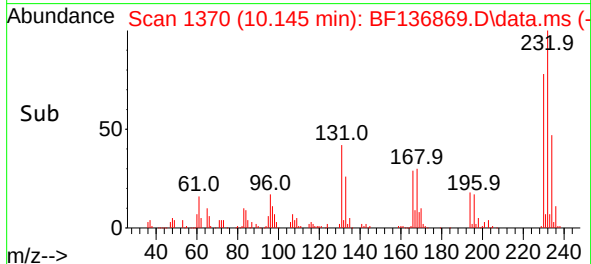
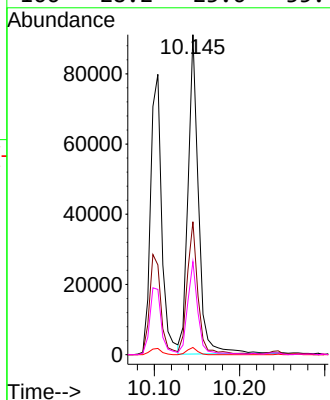
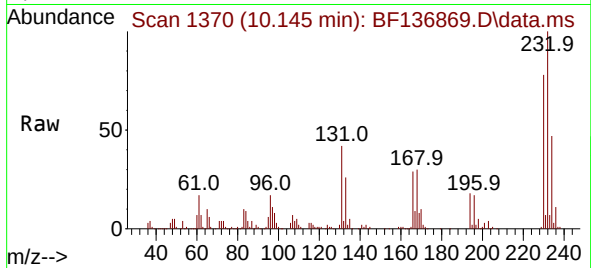




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.928 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

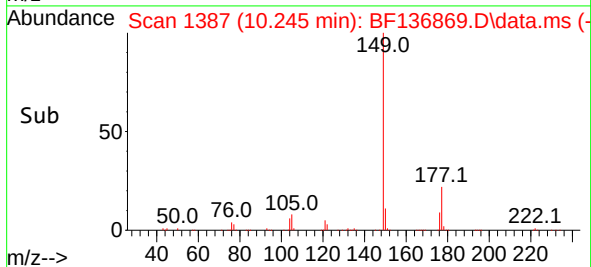
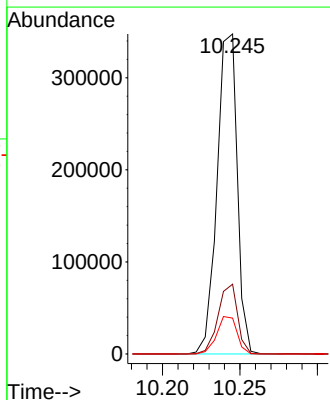
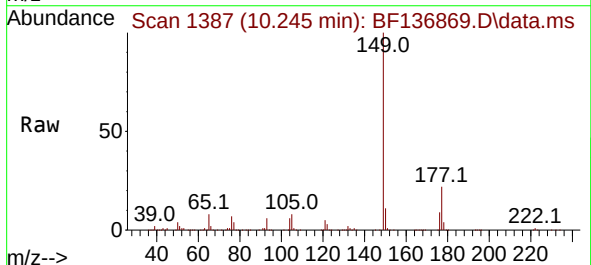
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

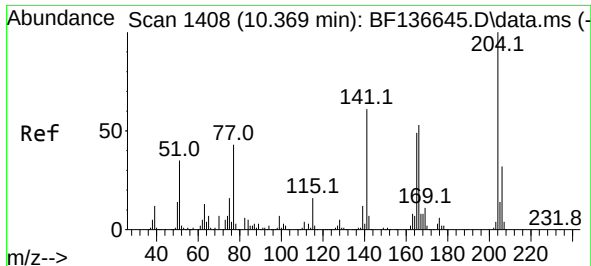
Tgt Ion:232 Resp: 77075
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.2 1.6 2.4
166 28.2 23.6 35.4



#60
Diethylphthalate
Concen: 42.240 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:149 Resp: 315321
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 11.2 9.3 13.9

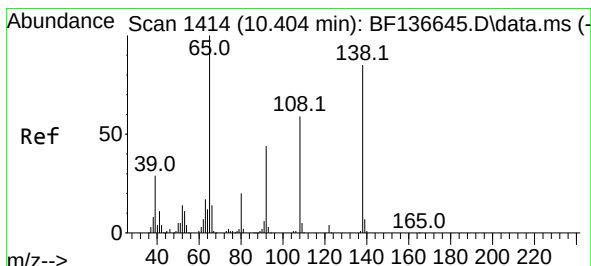
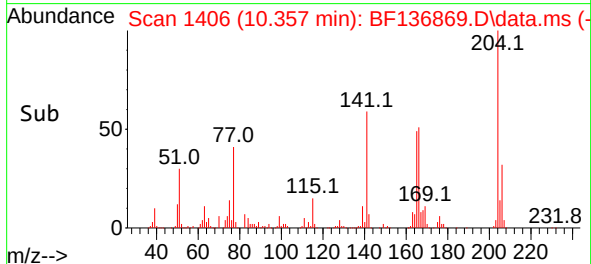
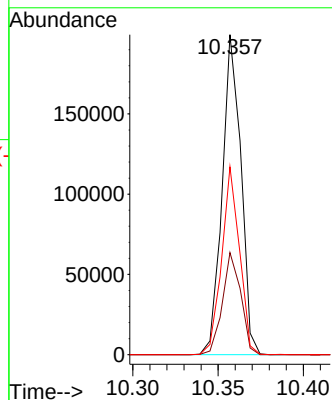
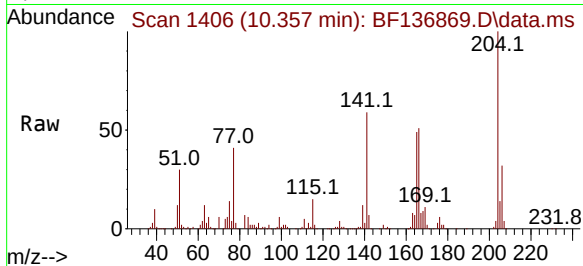




#61
4-Chlorophenyl-phenylether
Concen: 43.759 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

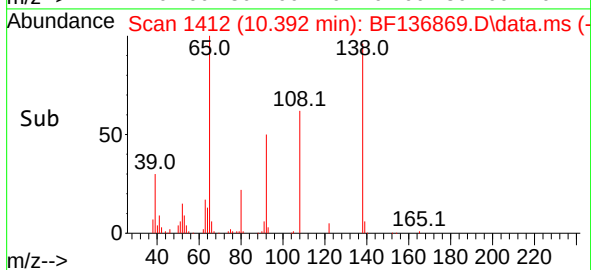
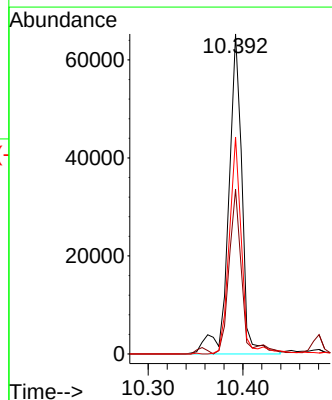
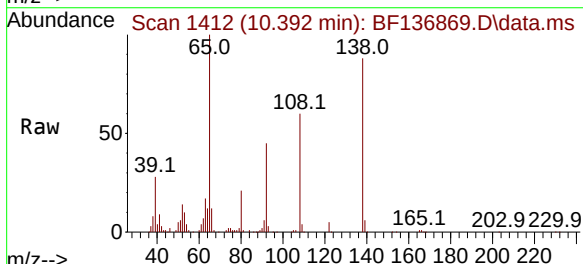
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

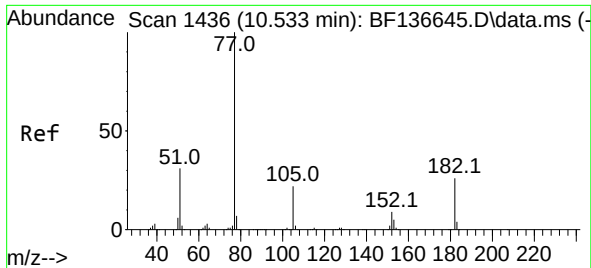
Tgt Ion:204 Resp: 152312
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 58.7 48.4 72.6



#62
4-Nitroaniline
Concen: 38.473 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:138 Resp: 64152
Ion Ratio Lower Upper
138 100
92 51.5 32.1 72.1
108 67.8 50.1 90.1

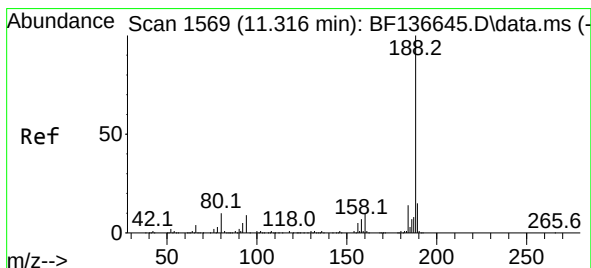
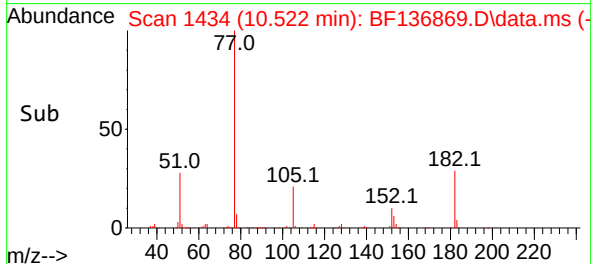
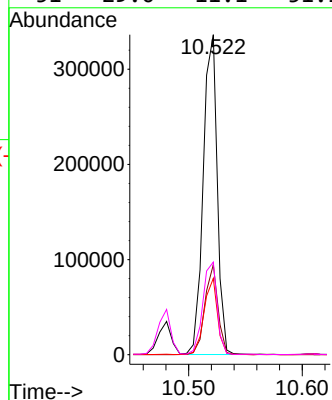
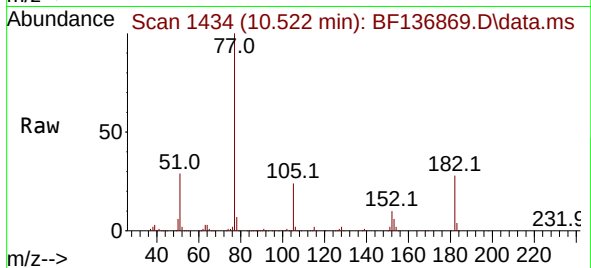




#63
Azobenzene
Concen: 41.368 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

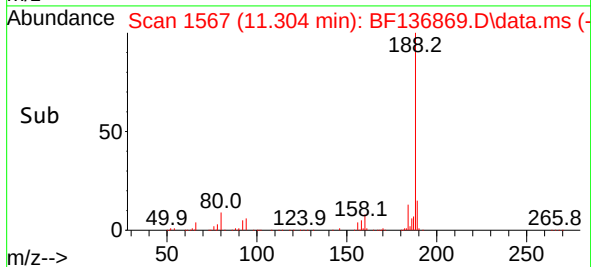
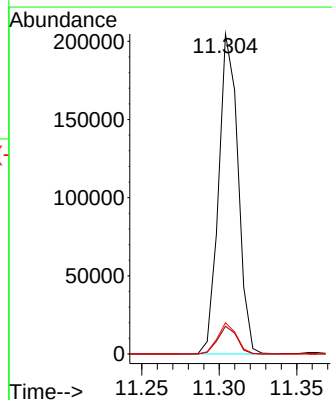
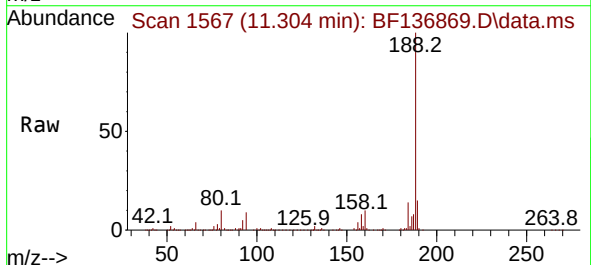
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

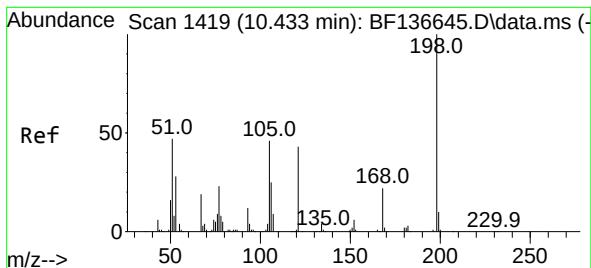
Tgt Ion:	77	Resp:	288431
Ion	Ratio	Lower	Upper
77	100		
182	28.2	6.0	46.0
105	23.8	2.3	42.3
51	29.0	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:	188	Resp:	178421
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.7	8.1	12.1

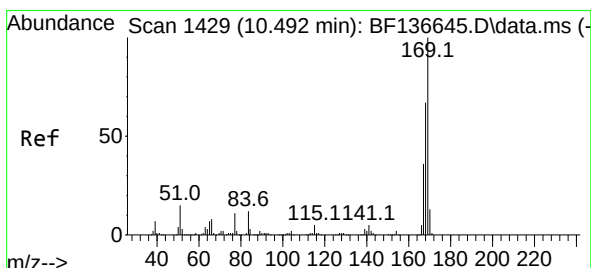
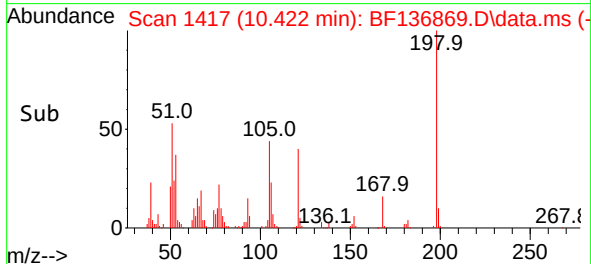
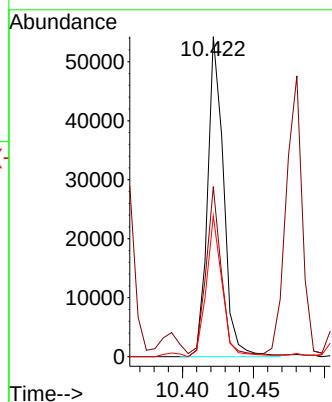
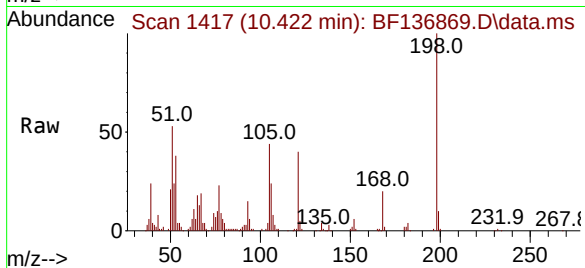




#65
4,6-Dinitro-2-methylphenol
Concen: 41.828 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

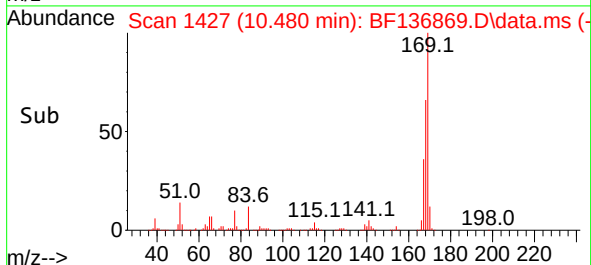
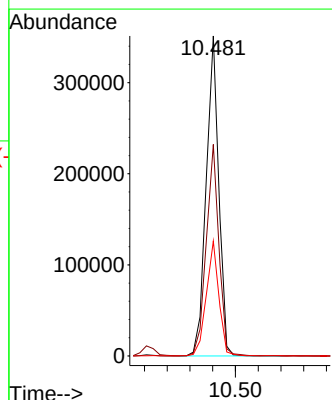
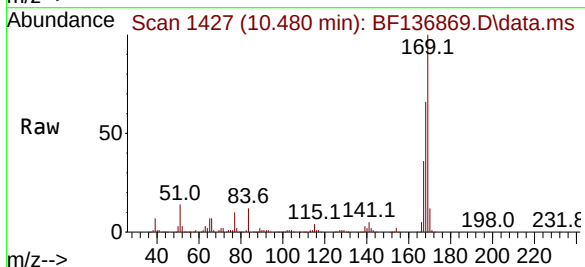
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

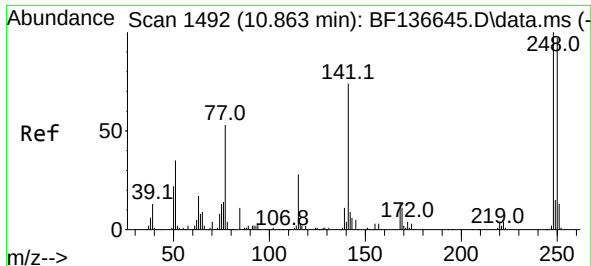
Tgt Ion:198 Resp: 42770
Ion Ratio Lower Upper
198 100
51 53.1 34.1 74.1
105 44.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 46.511 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:169 Resp: 269576
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 45.180 ng

RT: 10.851 min Scan# 1490

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

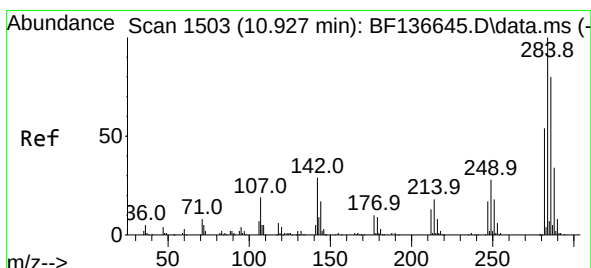
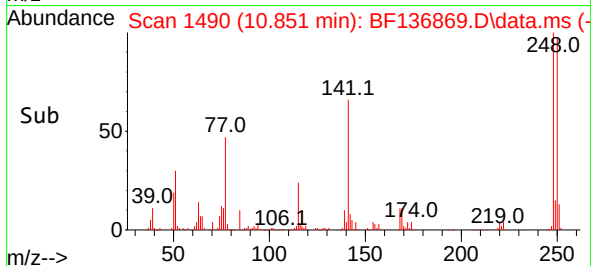
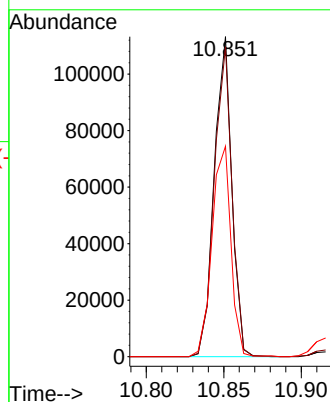
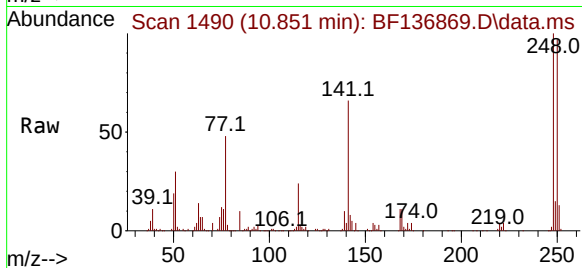
Tgt Ion:248 Resp: 89525

Ion Ratio Lower Upper

248 100

250 96.8 77.8 116.6

141 65.7 59.2 88.8



#68

Hexachlorobenzene

Concen: 45.163 ng

RT: 10.916 min Scan# 1501

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

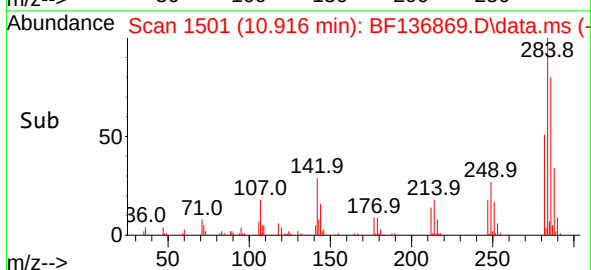
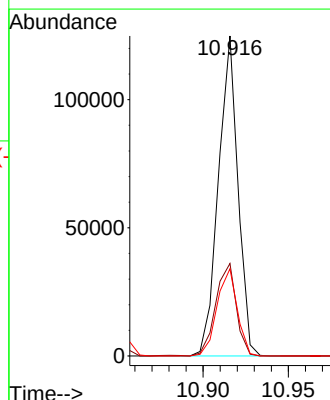
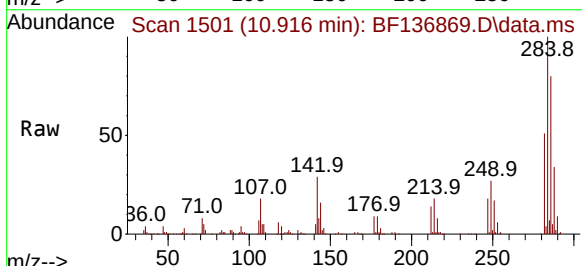
Tgt Ion:284 Resp: 99728

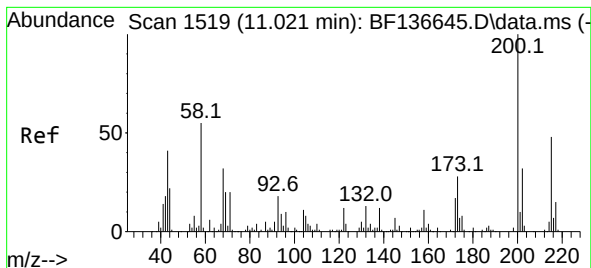
Ion Ratio Lower Upper

284 100

142 28.9 23.4 35.0

249 27.2 22.3 33.5





#69

Atrazine

Concen: 49.093 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

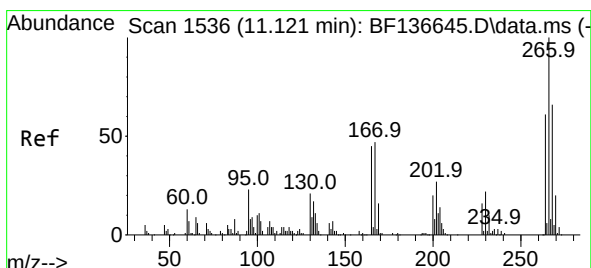
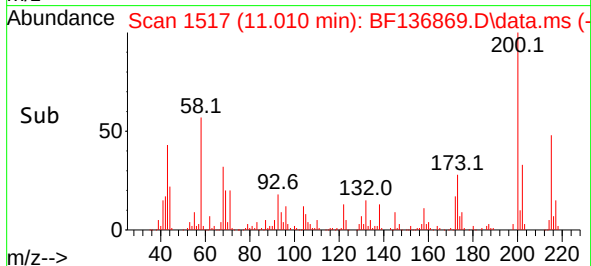
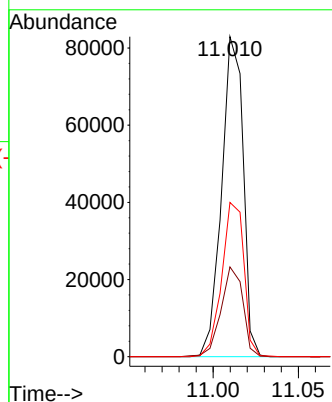
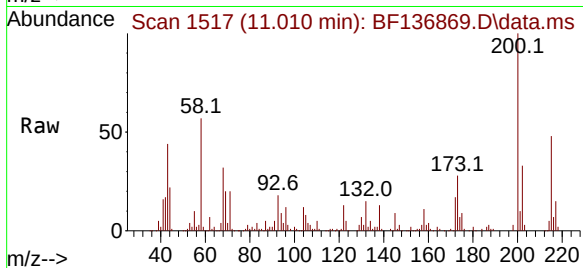
Tgt Ion:200 Resp: 72777

Ion Ratio Lower Upper

200 100

173 28.1 7.6 47.6

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 89.812 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

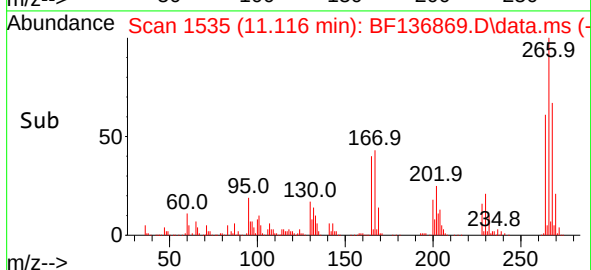
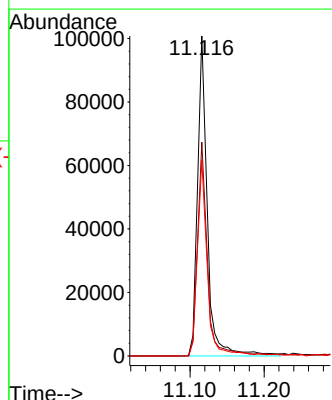
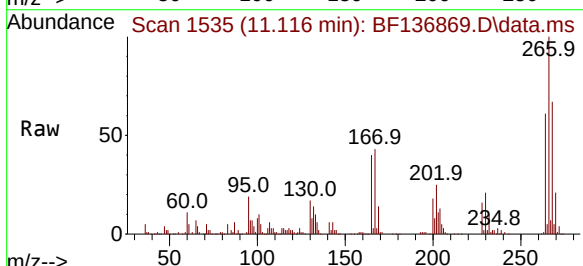
Tgt Ion:266 Resp: 92441

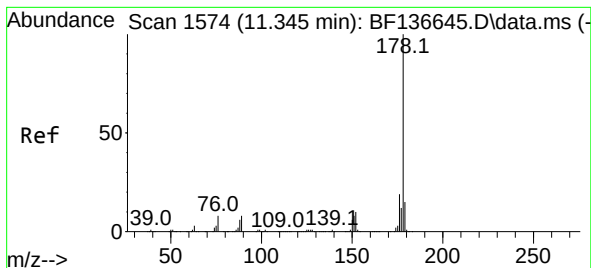
Ion Ratio Lower Upper

266 100

268 66.9 52.6 78.8

264 61.3 49.0 73.4





#71

Phenanthrene

Concen: 46.482 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

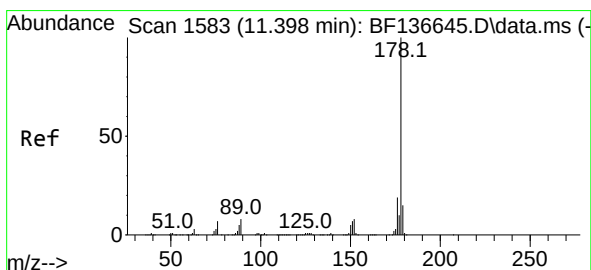
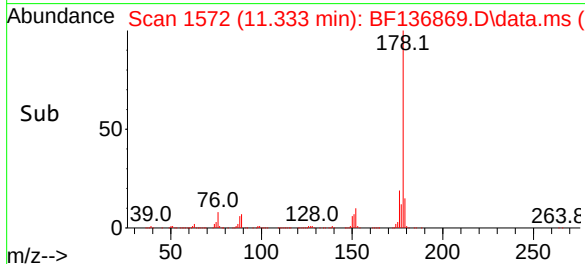
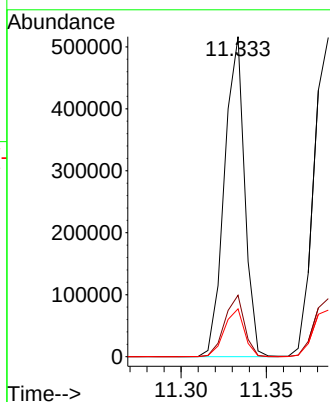
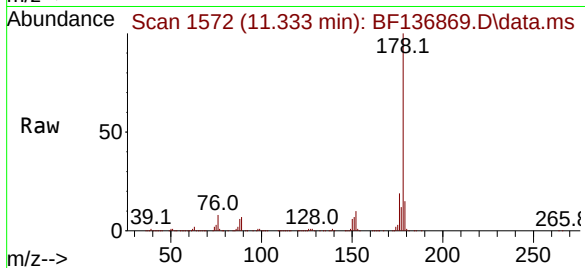
Tgt Ion:178 Resp: 425542

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 14.9 11.9 17.9



#72

Anthracene

Concen: 46.325 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

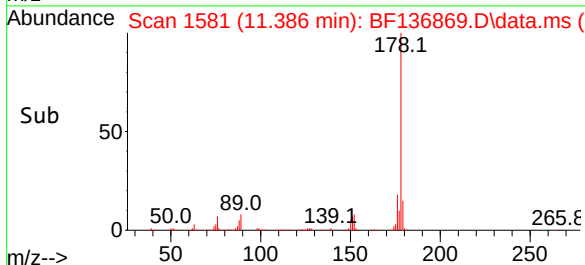
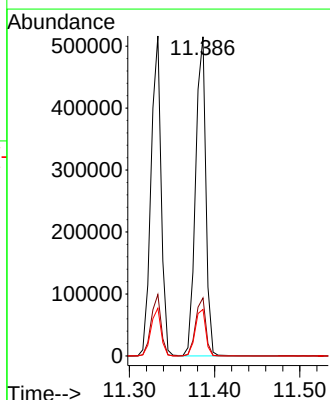
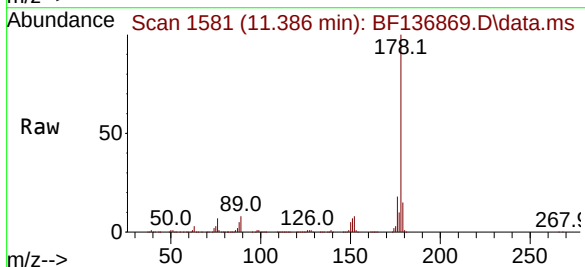
Tgt Ion:178 Resp: 429499

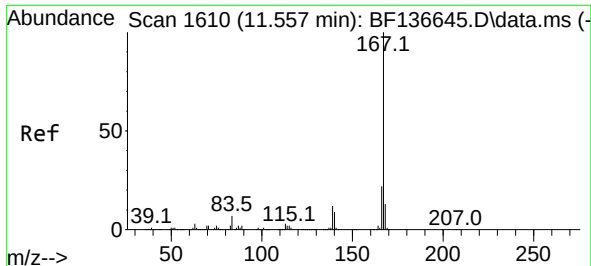
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 14.6 11.8 17.6

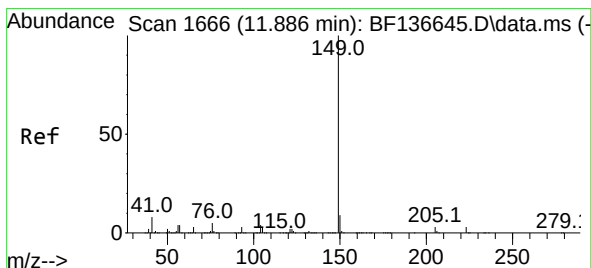
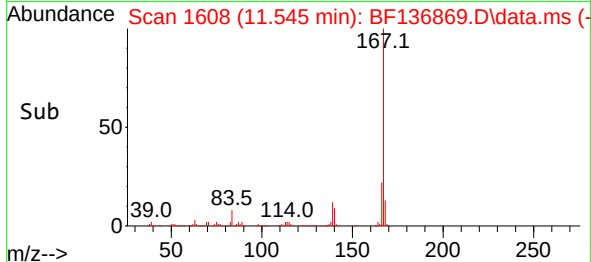
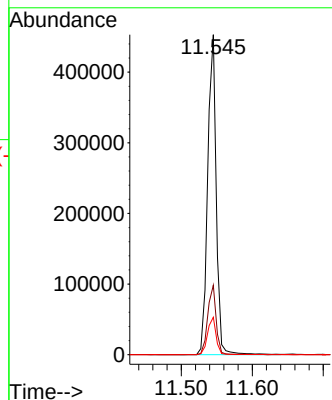
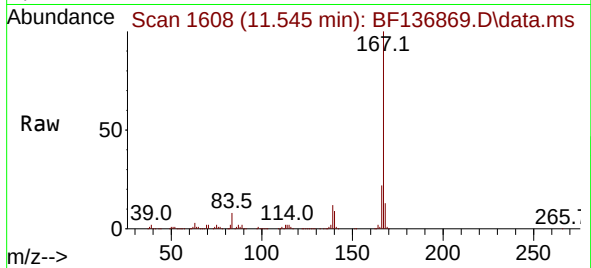




#73
Carbazole
Concen: 43.502 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

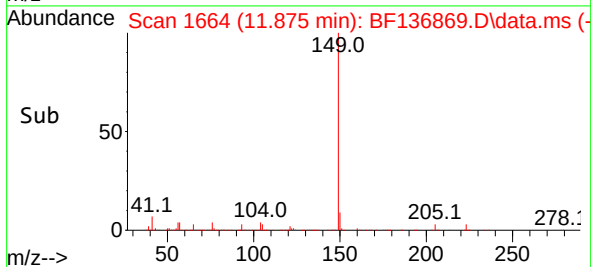
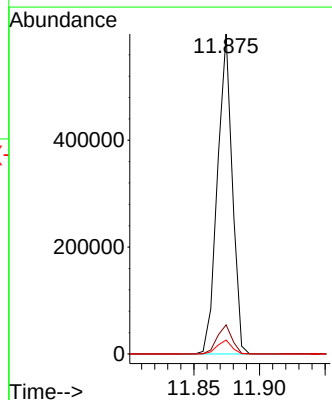
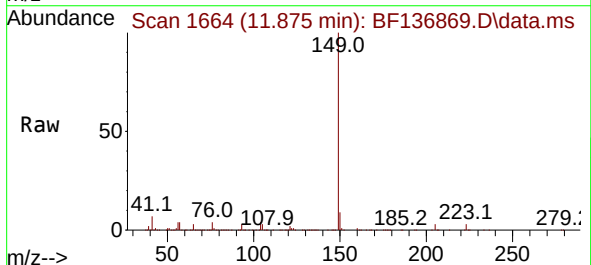
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

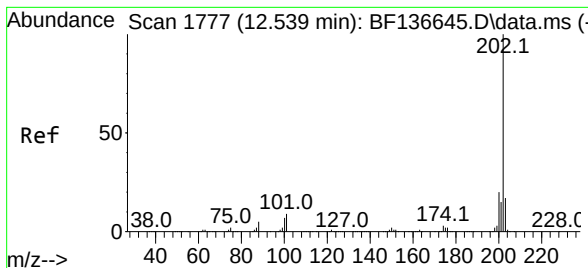
Tgt Ion:167 Resp: 380267
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 11.7 9.8 14.6



#74
Di-n-butylphthalate
Concen: 44.033 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:149 Resp: 469674
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 43.317 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

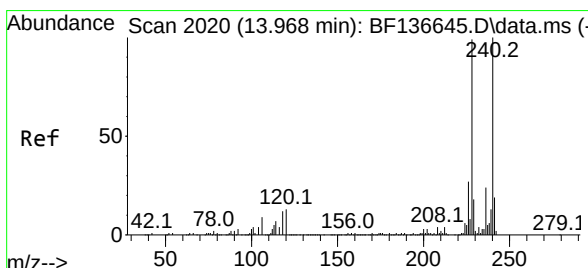
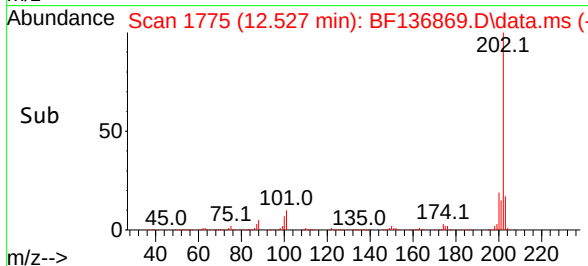
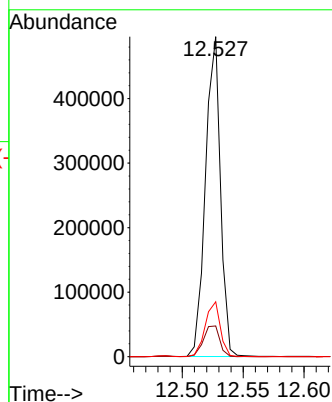
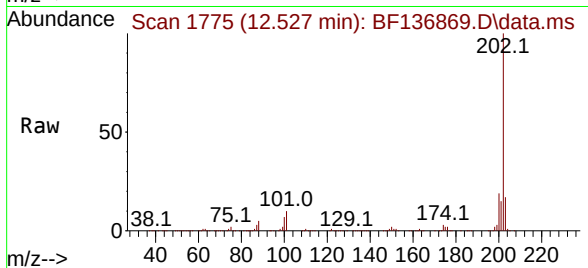
Tgt Ion:202 Resp: 424181

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.3

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

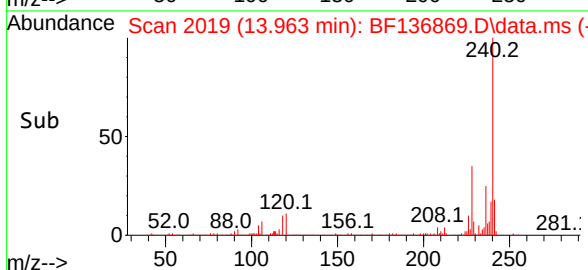
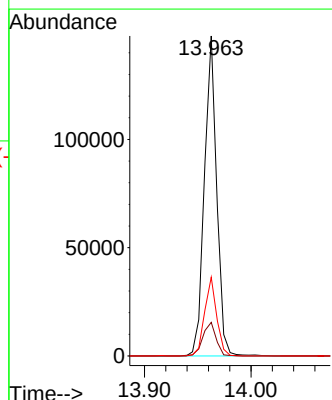
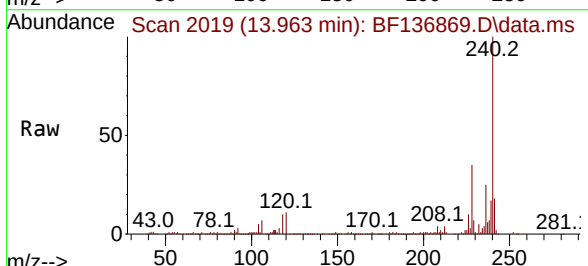
Tgt Ion:240 Resp: 119044

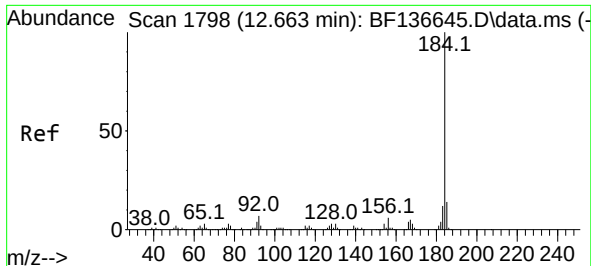
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 24.6 19.4 29.2

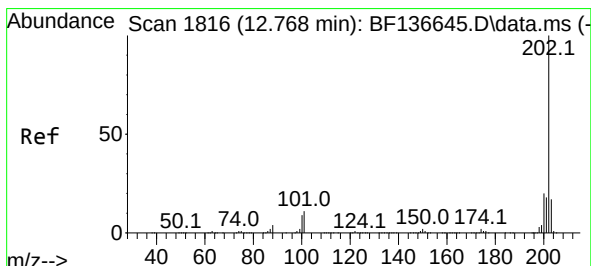
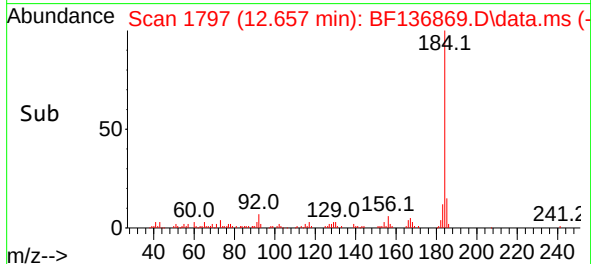
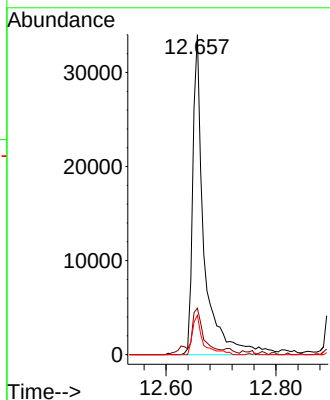
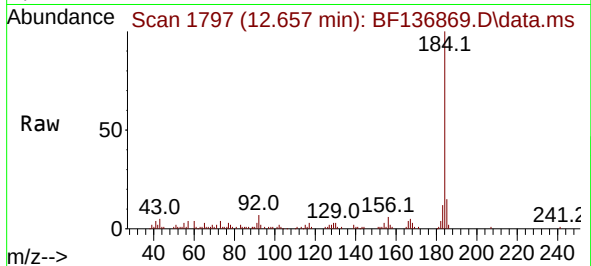




#77
Benzidine
Concen: 13.882 ng
RT: 12.657 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

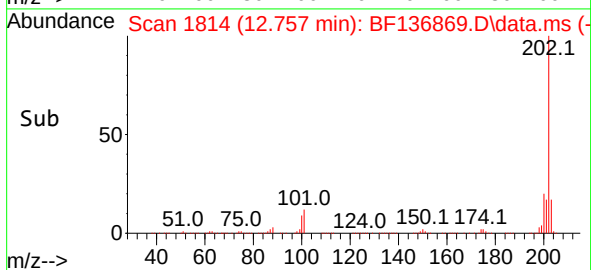
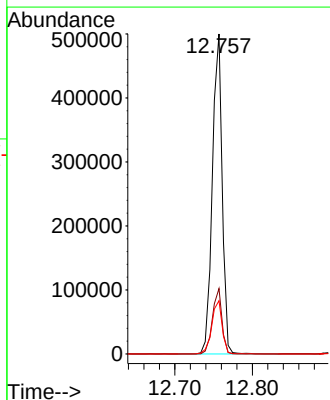
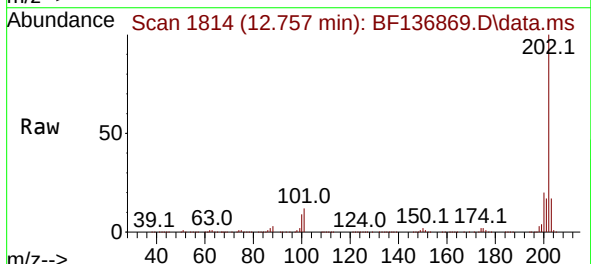
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

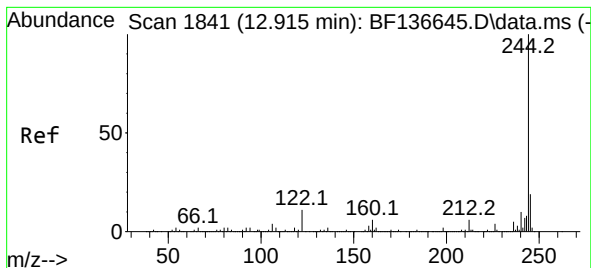
Tgt Ion:184 Resp: 48727
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 12.3 9.3 13.9



#78
Pyrene
Concen: 37.630 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:202 Resp: 439749
Ion Ratio Lower Upper
202 100
200 20.4 15.9 23.9
203 16.6 13.8 20.6





#79

Terphenyl-d14

Concen: 76.771 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

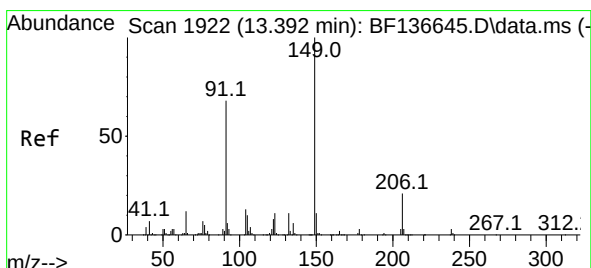
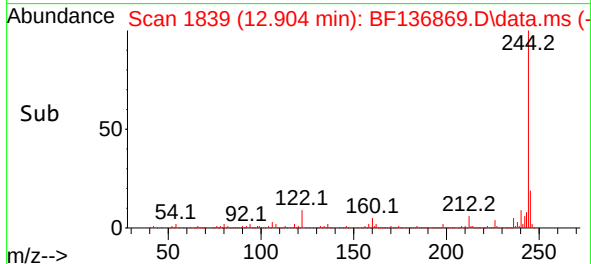
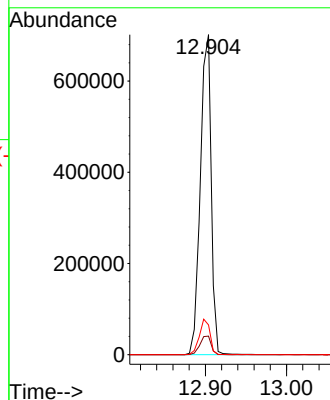
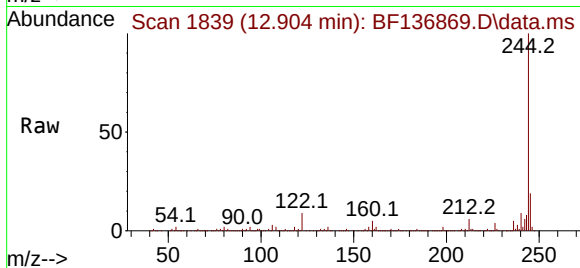
Tgt Ion:244 Resp: 653977

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 9.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 41.391 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

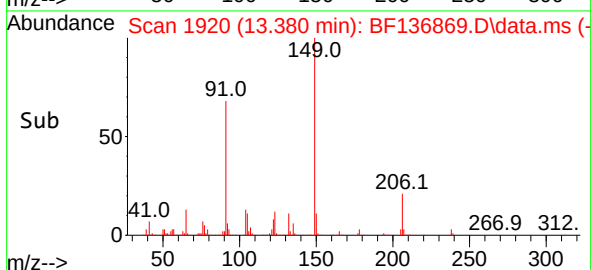
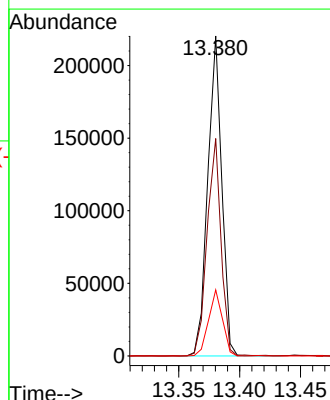
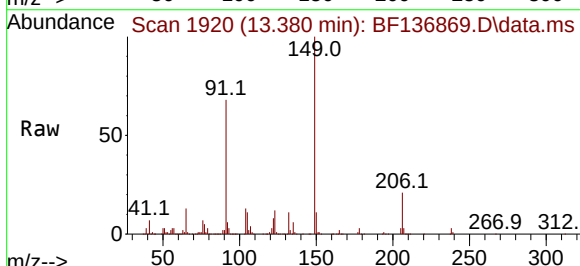
Tgt Ion:149 Resp: 176005

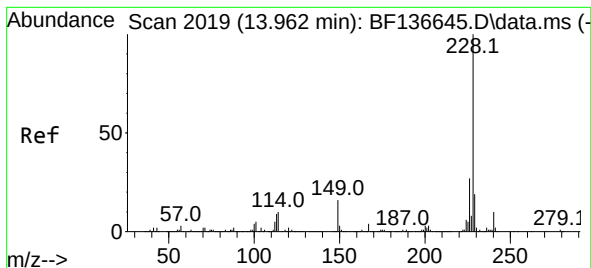
Ion Ratio Lower Upper

149 100

91 67.9 54.1 81.1

206 20.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 44.306 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

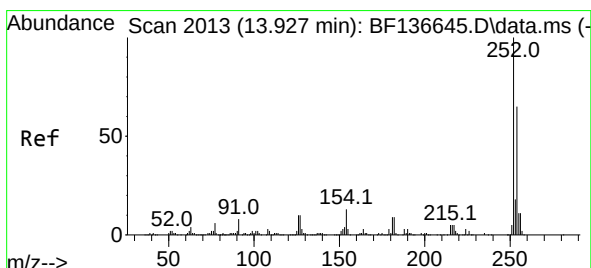
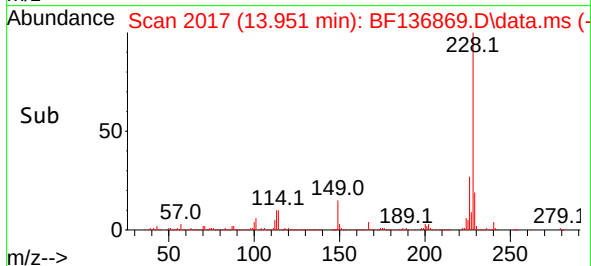
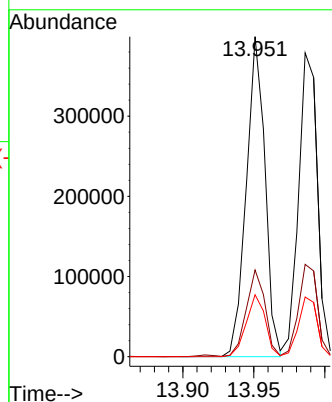
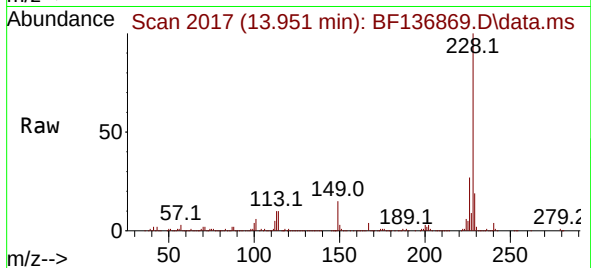
Tgt Ion:228 Resp: 366245

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 43.078 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

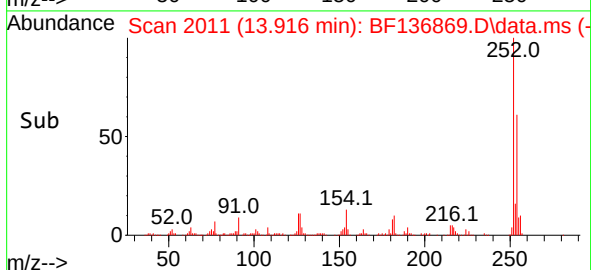
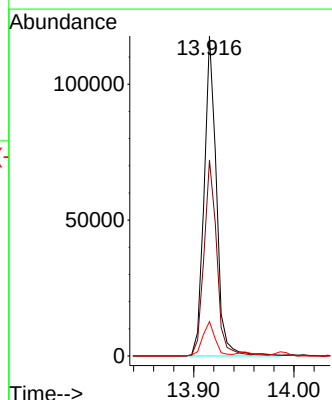
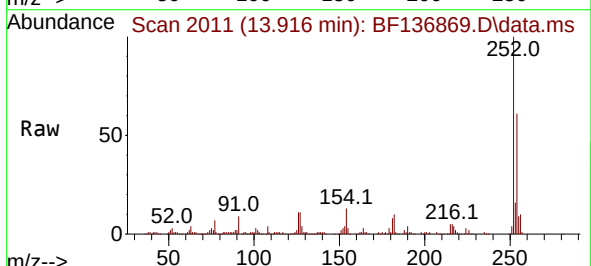
Tgt Ion:252 Resp: 101127

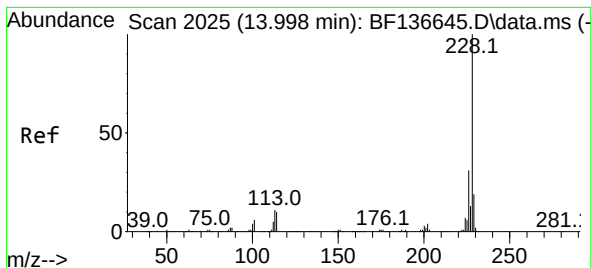
Ion Ratio Lower Upper

252 100

254 61.3 52.2 78.4

126 10.7 8.0 12.0





#83

Chrysene

Concen: 43.565 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

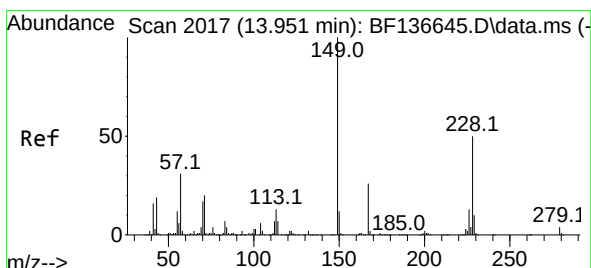
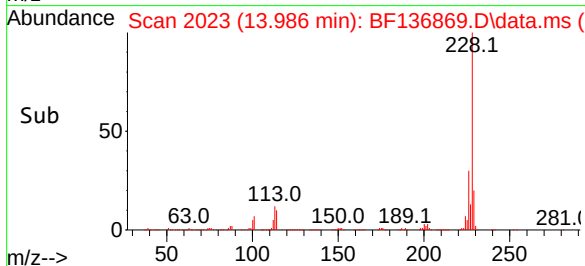
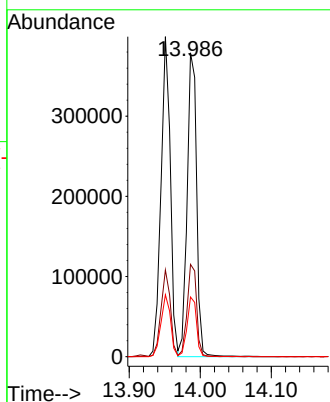
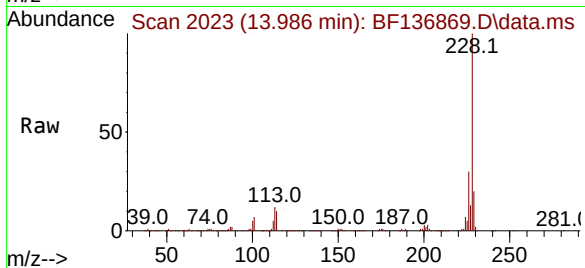
Tgt Ion:228 Resp: 352160

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.599 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

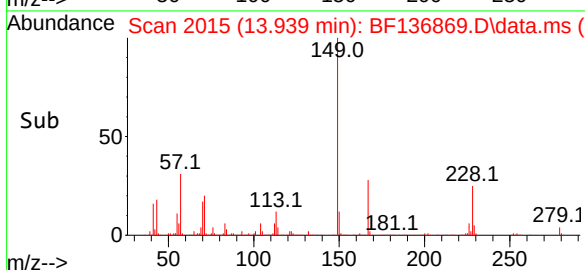
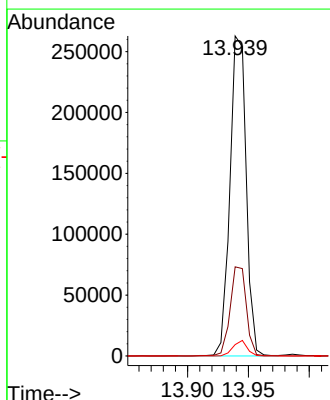
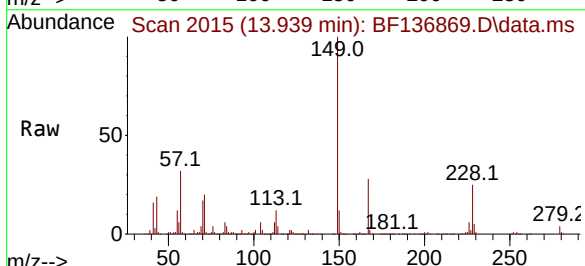
Tgt Ion:149 Resp: 243962

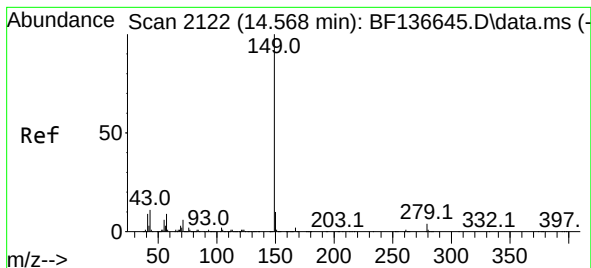
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 50.965 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

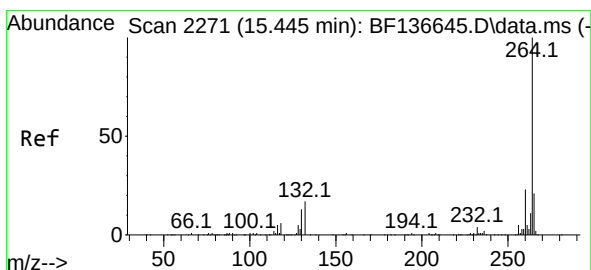
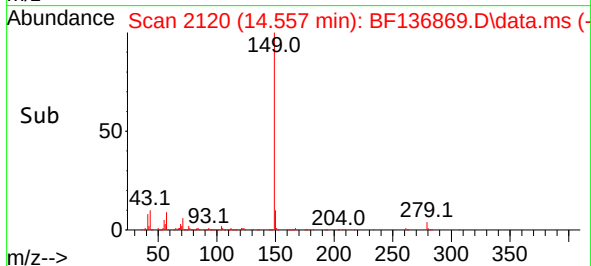
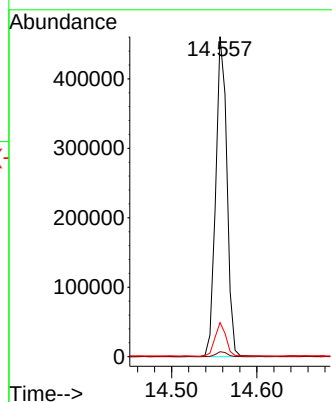
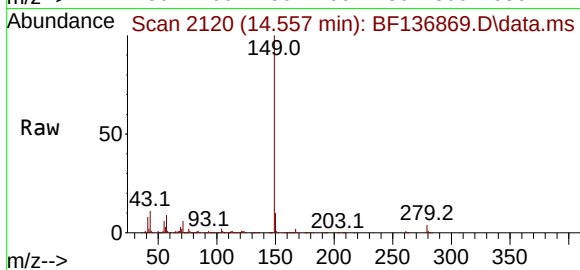
Tgt Ion:149 Resp: 421775

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

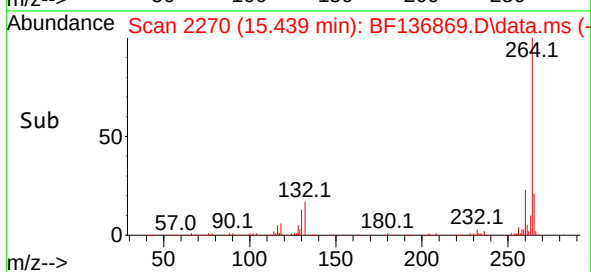
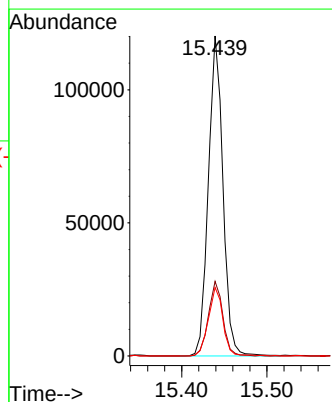
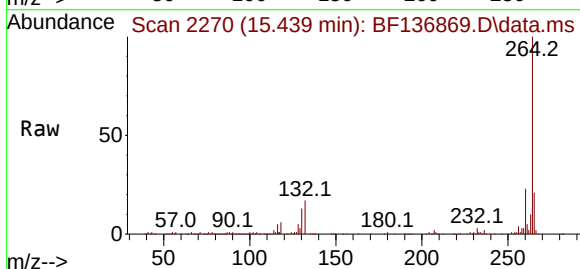
Tgt Ion:264 Resp: 142938

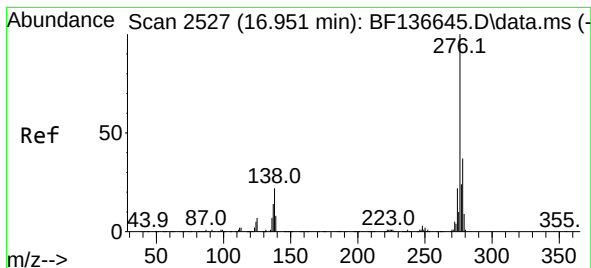
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.574 ng

RT: 16.951 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

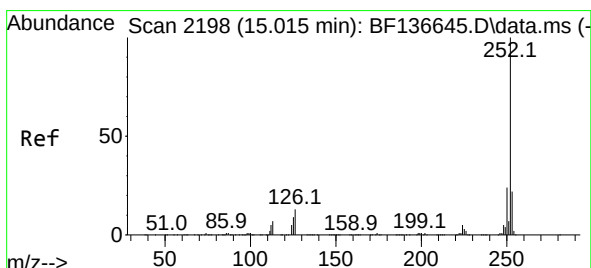
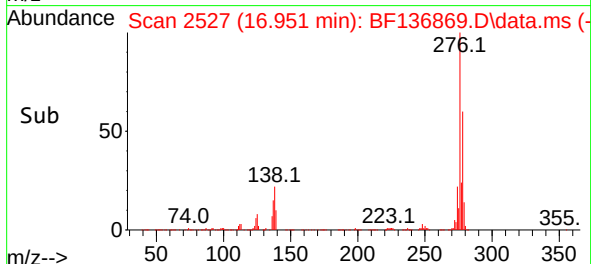
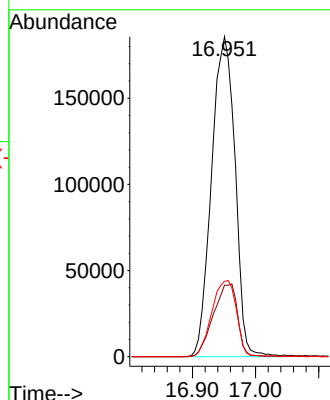
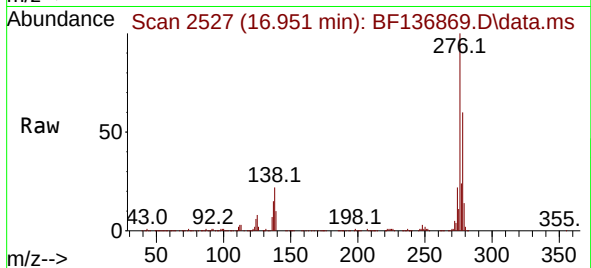
Tgt Ion:276 Resp: 480663

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.320 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

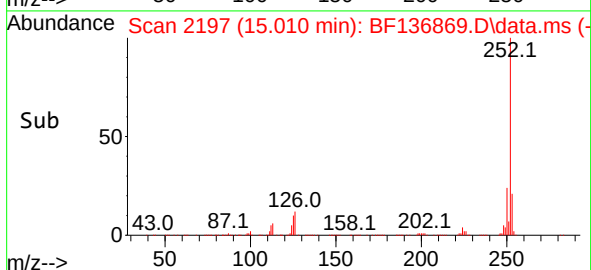
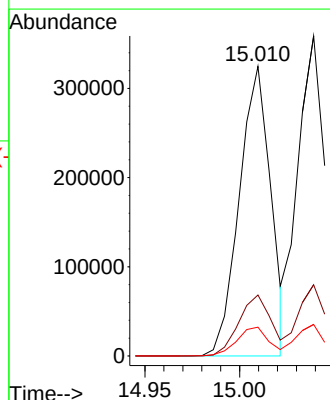
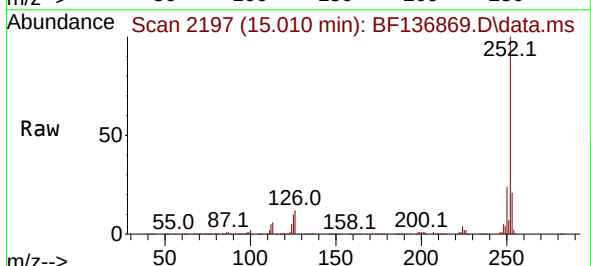
Tgt Ion:252 Resp: 375382

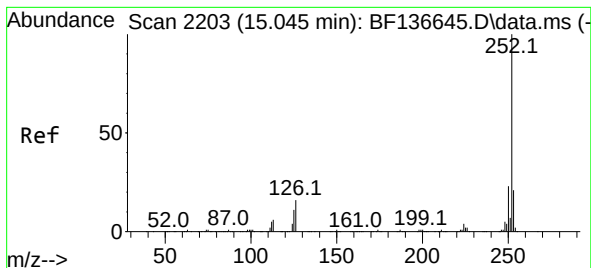
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.431 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MS

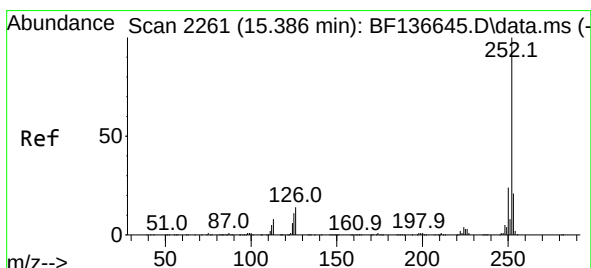
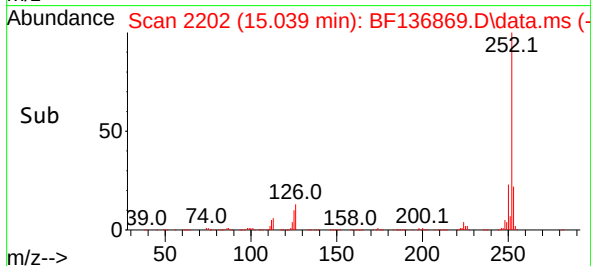
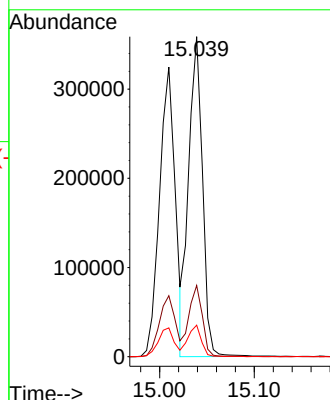
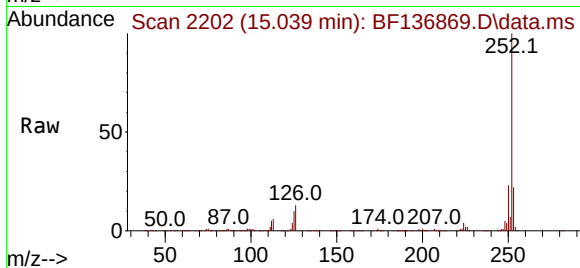
Tgt Ion:252 Resp: 364731

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 9.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.097 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136869.D

Acq: 02 Jan 2024 14:02

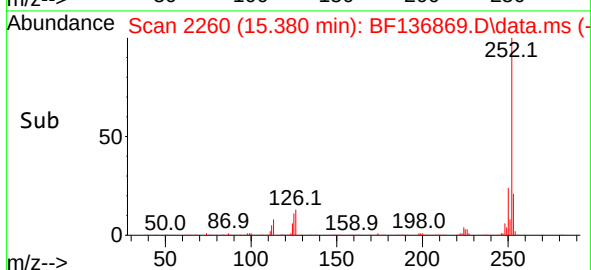
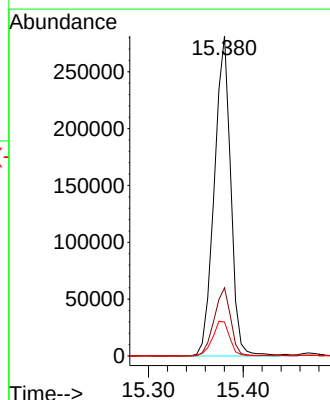
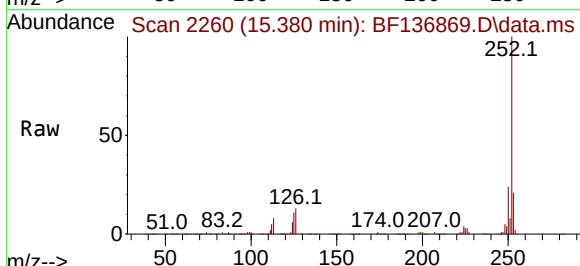
Tgt Ion:252 Resp: 339248

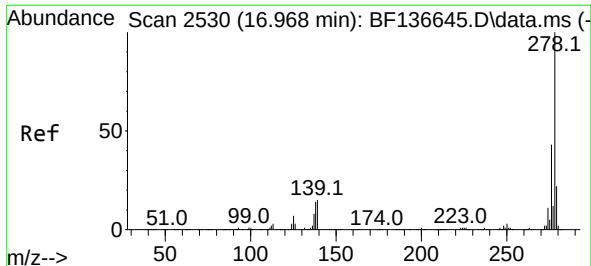
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 10.6 8.8 13.2

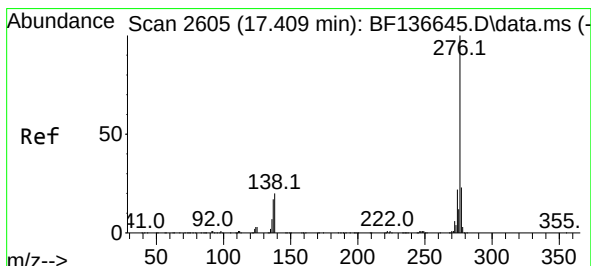
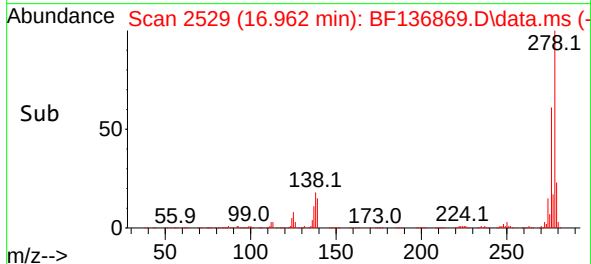
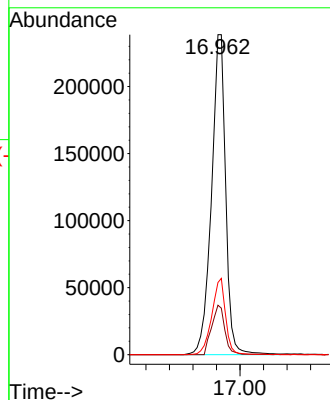
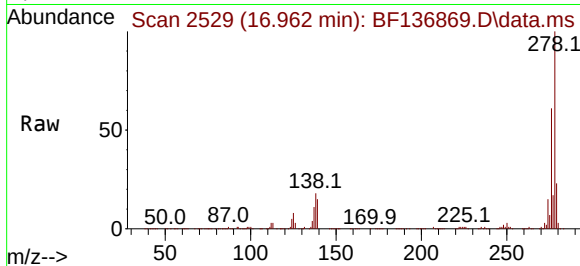




#91
Dibenzo(a,h)anthracene
Concen: 47.292 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MS

Tgt Ion:278 Resp: 400410
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 22.5 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.203 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136869.D
Acq: 02 Jan 2024 14:02

Tgt Ion:276 Resp: 400662
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 20.4 15.6 23.4

