

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136909.D
 Acq On : 03 Jan 2024 15:55
 Operator : CG\JU
 Sample : 06038-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-402MSD

Quant Time: Jan 03 16:39:05 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	84501	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	338450	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	170025	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	307228	20.000	ng	0.00
76) Chrysene-d12	13.963	240	165232	20.000	ng	0.00
86) Perylene-d12	15.445	264	169345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	535265	98.835	ng	0.02
7) Phenol-d6	6.440	99	639866	91.182	ng	0.00
23) Nitrobenzene-d5	7.351	82	455320	68.841	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	217608	108.672	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	923400	73.046	ng	-0.01
79) Terphenyl-d14	12.904	244	927264	78.424	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	68010	30.139	ng	# 81
3) Pyridine	3.469	79	142393	25.863	ng	96
4) n-Nitrosodimethylamine	3.404	42	98404	33.469	ng	# 98
6) Aniline	6.451	93	81857	11.667	ng	# 1
8) 2-Chlorophenol	6.575	128	218246	36.825	ng	96
9) Benzaldehyde	6.340	77	12361	3.097	ng	94
10) Phenol	6.451	94	234442	31.296	ng	90
11) bis(2-Chloroethyl)ether	6.522	93	204434	35.885	ng	98
12) 1,3-Dichlorobenzene	6.722	146	206534	31.945	ng	99
13) 1,4-Dichlorobenzene	6.798	146	211350	31.993	ng	99
14) 1,2-Dichlorobenzene	6.951	146	201939	32.851	ng	100
15) Benzyl Alcohol	6.934	79	180700	38.168	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320741	34.436	ng	68
17) 2-Methylphenol	7.051	107	173616	35.361	ng	95
18) Hexachloroethane	7.287	117	74853	31.200	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	156678	36.831	ng	98
20) 3+4-Methylphenols	7.204	107	225814	36.814	ng	# 60
22) Acetophenone	7.192	105	318686	37.567	ng	# 90
24) Nitrobenzene	7.369	77	221053	33.364	ng	95
25) Isophorone	7.604	82	427272	35.502	ng	100
26) 2-Nitrophenol	7.681	139	117333	37.014	ng	96
27) 2,4-Dimethylphenol	7.722	122	176970	45.856	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	265522	36.296	ng	99
29) 2,4-Dichlorophenol	7.928	162	186661	37.569	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	189426	34.218	ng	99
31) Naphthalene	8.086	128	985900	53.024	ng	99
32) Benzoic acid	7.875	122	138593	37.116	ng	94
33) 4-Chloroaniline	8.151	127	15305	2.229	ng	# 95
34) Hexachlorobutadiene	8.192	225	108121	32.147	ng	97
35) Caprolactam	8.522	113	56003	34.168	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	203936	36.460	ng	98
37) 2-Methylnaphthalene	8.775	142	459146	38.370	ng	99
38) 1-Methylnaphthalene	8.875	142	450426	38.367	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	207869	39.477	ng	99
41) Hexachlorocyclopentadiene	8.922	237	143888	85.354	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	135294	40.064	ng	99

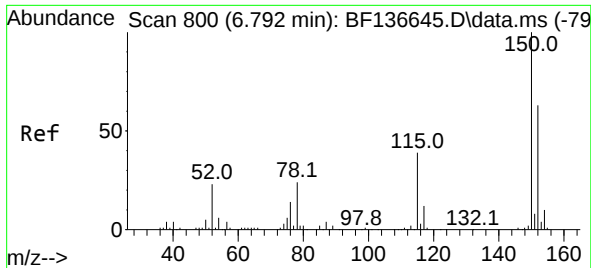
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	145487	38.661	ng	98
46) 1,1'-Biphenyl	9.239	154	567941	39.806	ng	99
47) 2-Chloronaphthalene	9.263	162	401682	37.033	ng	99
48) 2-Nitroaniline	9.369	65	125740	37.020	ng	97
49) Acenaphthylene	9.681	152	678025	40.897	ng	99
50) Dimethylphthalate	9.545	163	492851	39.685	ng	100
51) 2,6-Dinitrotoluene	9.610	165	106647	37.838	ng	# 84
52) Acenaphthene	9.851	154	410032	39.899	ng	99
53) 3-Nitroaniline	9.781	138	19002	6.364	ng	90
54) 2,4-Dinitrophenol	9.898	184	103918	67.154	ng	95
55) Dibenzofuran	10.028	168	591046	37.940	ng	98
56) 4-Nitrophenol	9.963	139	120473	59.773	ng	97
57) 2,4-Dinitrotoluene	10.022	165	133631	36.521	ng	95
58) Fluorene	10.369	166	493518	39.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	118051	40.753	ng	99
60) Diethylphthalate	10.245	149	502334	38.984	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	231663	38.558	ng	94
62) 4-Nitroaniline	10.404	138	80064	27.817	ng	94
63) Azobenzene	10.522	77	444100	36.900	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	67088	38.103	ng	97
66) n-Nitrosodiphenylamine	10.486	169	402681	40.348	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	138610	40.624	ng	98
68) Hexachlorobenzene	10.916	284	155248	40.829	ng	97
69) Atrazine	11.016	200	88291	34.588	ng	99
70) Pentachlorophenol	11.122	266	148879	84.002	ng	100
71) Phenanthrene	11.339	178	678880	43.065	ng	100
72) Anthracene	11.386	178	664537	41.625	ng	99
73) Carbazole	11.545	167	553941	36.802	ng	100
74) Di-n-butylphthalate	11.874	149	794417	43.253	ng	100
75) Fluoranthene	12.527	202	635288	37.675	ng	97
77) Benzidine	12.657	184	21687	4.451	ng	98
78) Pyrene	12.757	202	623063	38.413	ng	99
80) Butylbenzylphthalate	13.380	149	266064	45.080	ng	95
81) Benzo(a)anthracene	13.957	228	469092	40.885	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	48187	14.789	ng	96
83) Chrysene	13.992	228	441659	39.364	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	374622	50.448	ng	# 97
85) Di-n-octyl phthalate	14.563	149	610517	53.149	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	491102	40.166	ng	100
88) Benzo(b)fluoranthene	15.010	252	459941	40.664	ng	99
89) Benzo(k)fluoranthene	15.045	252	406110	37.998	ng	99
90) Benzo(a)pyrene	15.380	252	390221	40.872	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	412405	41.113	ng	97
92) Benzo(g,h,i)perylene	17.409	276	376839	36.679	ng	98

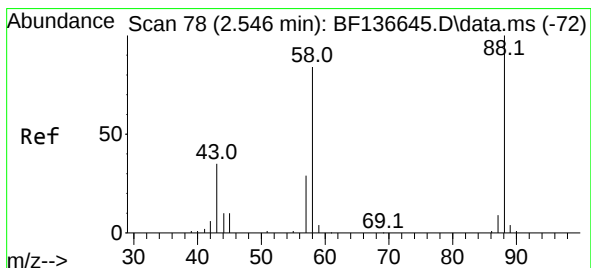
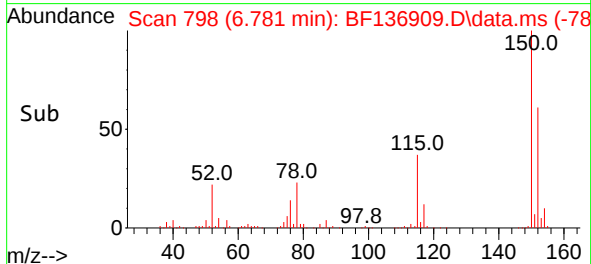
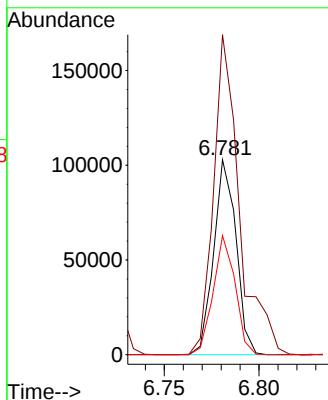
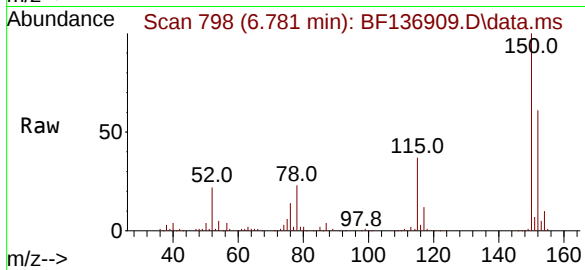
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136909.D
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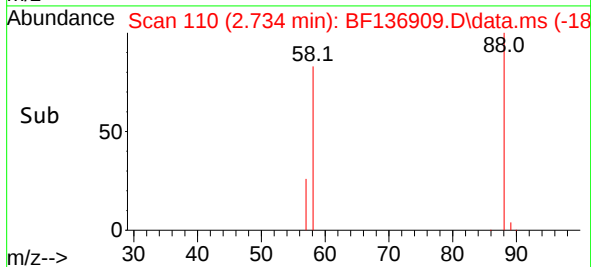
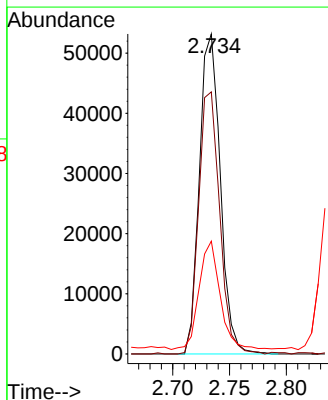
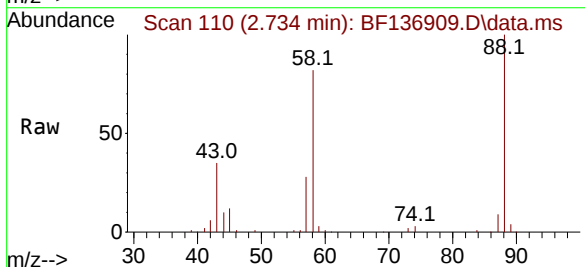
Instrument :
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 T-402MSD

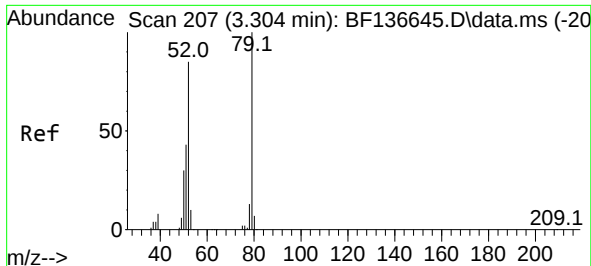
Tgt Ion:152 Resp: 84501
 Ion Ratio Lower Upper
 152 100
 150 164.2 127.0 190.6
 115 61.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 30.139 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.188 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

Tgt Ion: 88 Resp: 68010
 Ion Ratio Lower Upper
 88 100
 58 82.5 67.4 101.0
 43 0.0 27.7 41.5

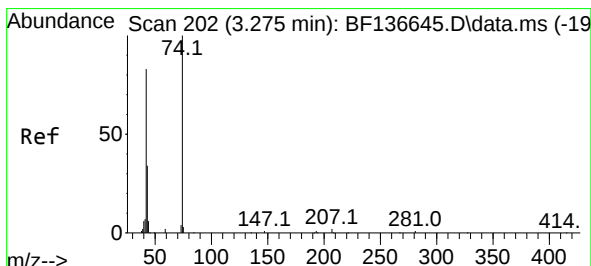
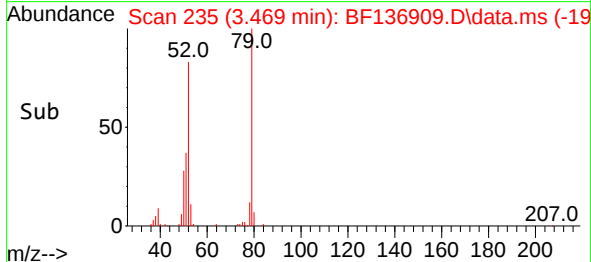
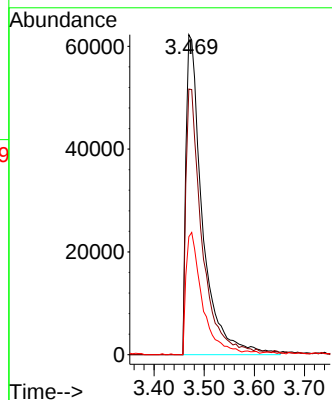
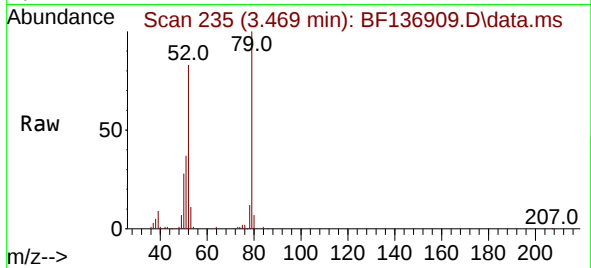




#3
 Pyridine
 Concen: 25.863 ng
 RT: 3.469 min Scan# 21
 Delta R.T. 0.165 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

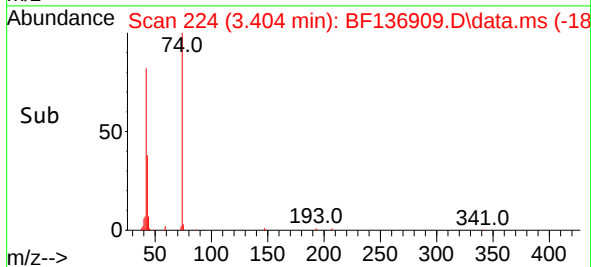
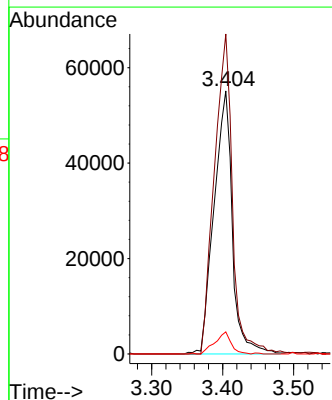
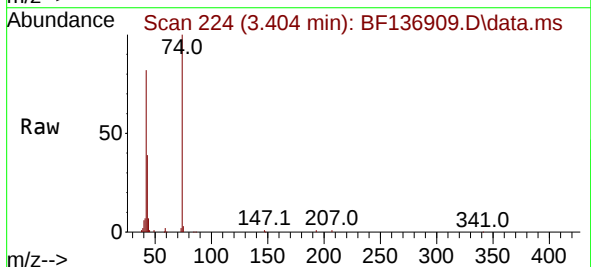
Instrument :
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 ClientSampleId :
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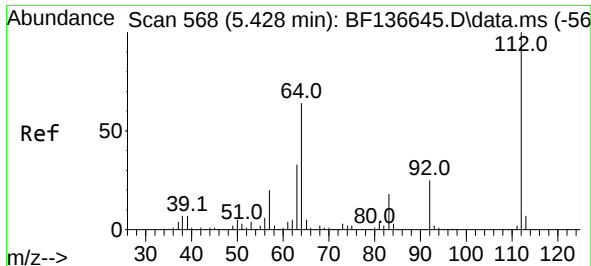
Tgt Ion: 79 Resp: 142393
 Ion Ratio Lower Upper
 79 100
 52 83.0 67.7 101.5
 51 36.8 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 33.469 ng
 RT: 3.404 min Scan# 224
 Delta R.T. 0.130 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

Tgt Ion: 42 Resp: 98404
 Ion Ratio Lower Upper
 42 100
 74 121.7 96.0 144.0
 44 8.4 5.4 8.2#

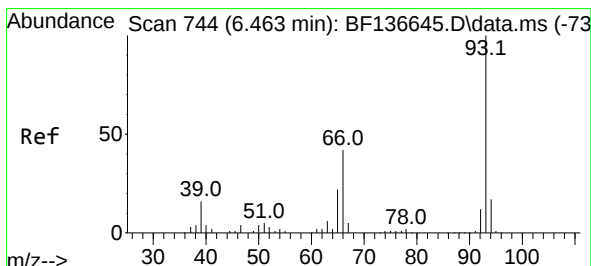
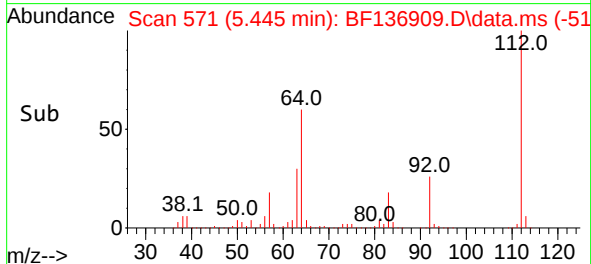
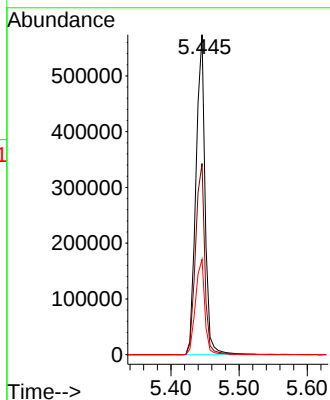
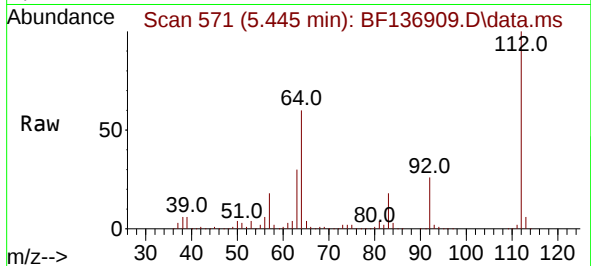




#5
2-Fluorophenol
Concen: 98.835 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

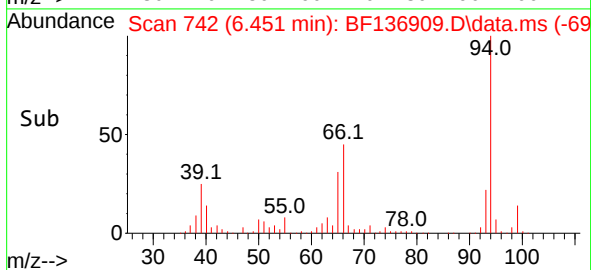
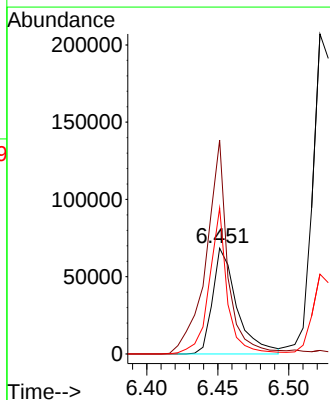
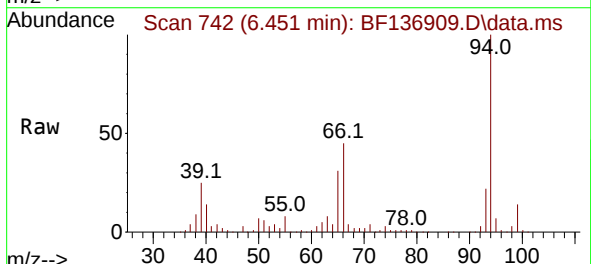
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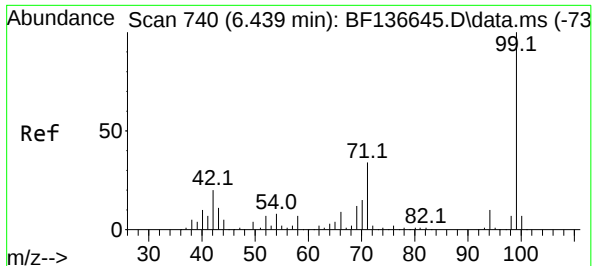
Tgt Ion:112 Resp: 535265
Ion Ratio Lower Upper
112 100
64 59.7 51.1 76.7
63 29.8 26.1 39.1



#6
Aniline
Concen: 11.667 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 93 Resp: 81857
Ion Ratio Lower Upper
93 100
66 202.2 34.6 51.8#
65 137.9 17.8 26.8#

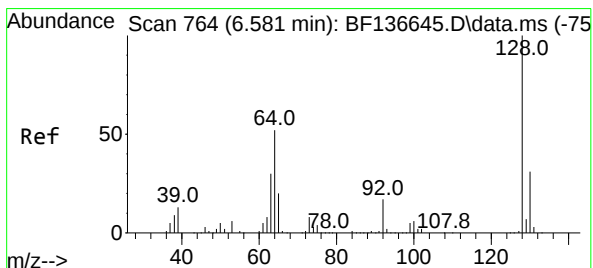
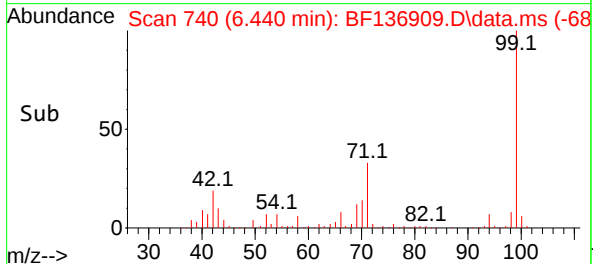
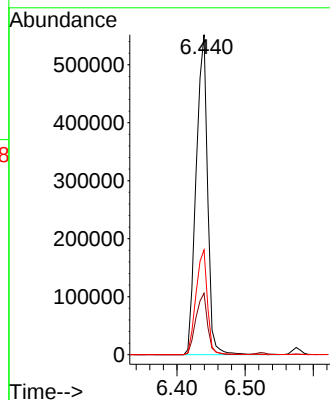
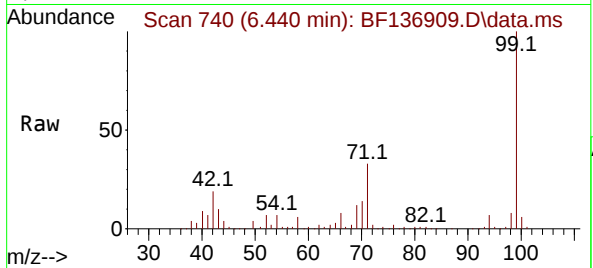




#7
Phenol-d6
Concen: 91.182 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

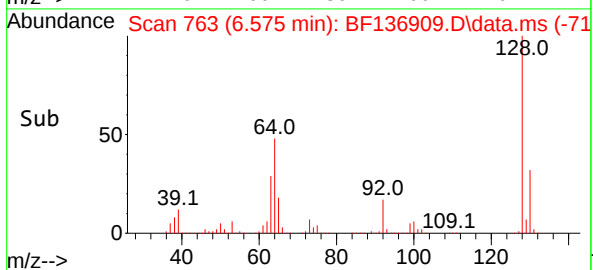
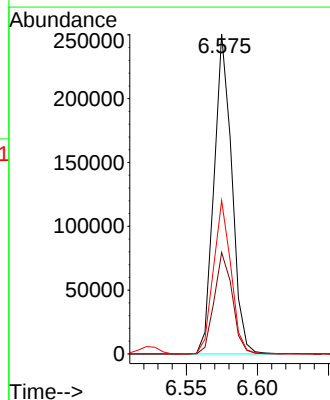
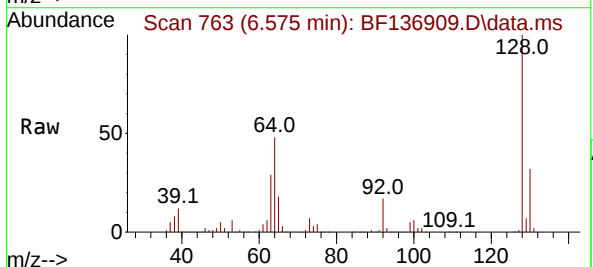
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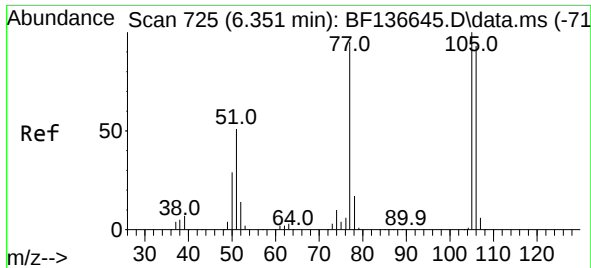
Tgt Ion: 99 Resp: 639866
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.8 27.4 41.2



#8
2-Chlorophenol
Concen: 36.825 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 128 Resp: 218246
Ion Ratio Lower Upper
128 100
130 31.7 11.3 51.3
64 48.0 32.5 72.5





#9

Benzaldehyde

Concen: 3.097 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

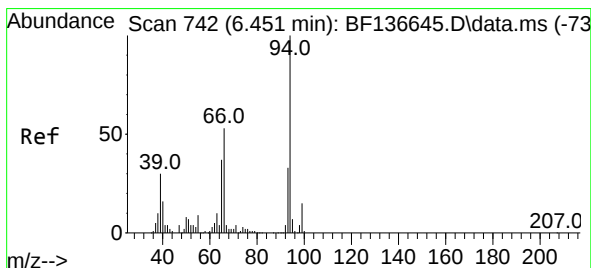
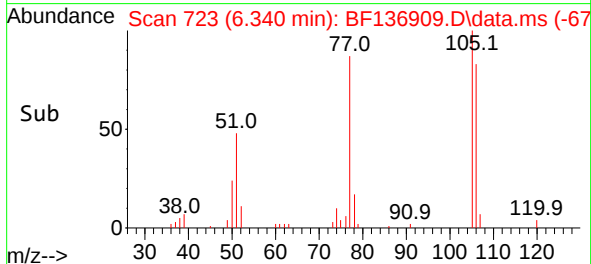
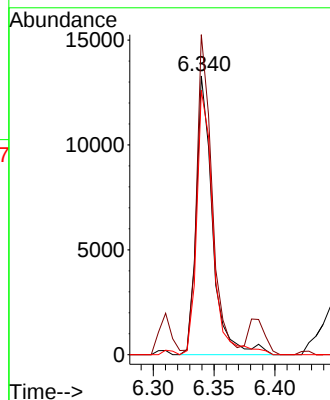
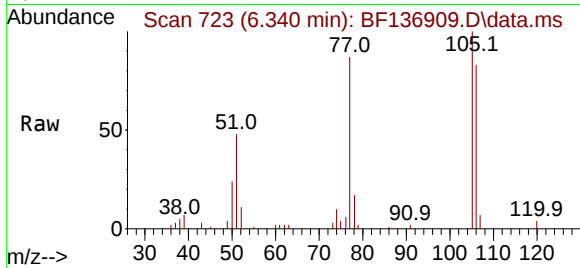
Tgt Ion: 77 Resp: 12361

Ion Ratio Lower Upper

77 100

105 114.8 84.8 124.8

106 94.9 77.8 117.8



#10

Phenol

Concen: 31.296 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

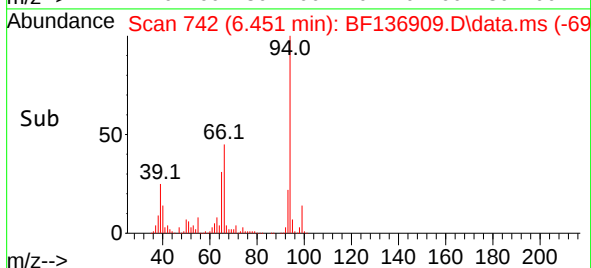
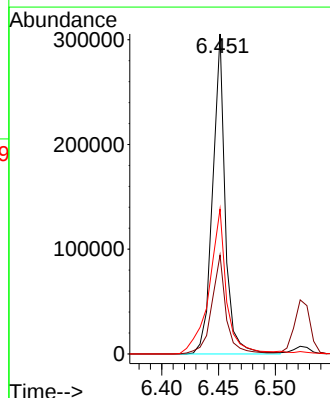
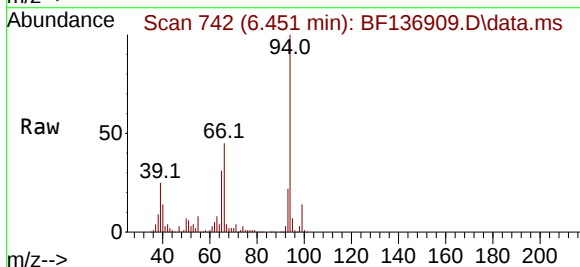
Tgt Ion: 94 Resp: 234442

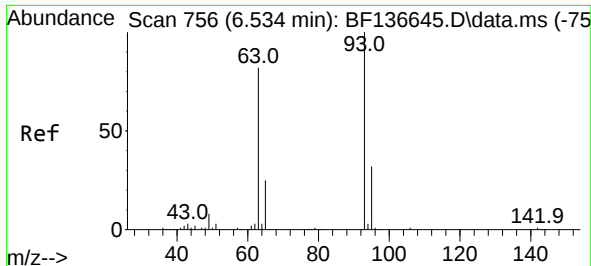
Ion Ratio Lower Upper

94 100

65 30.9 16.6 56.6

66 45.3 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 35.885 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

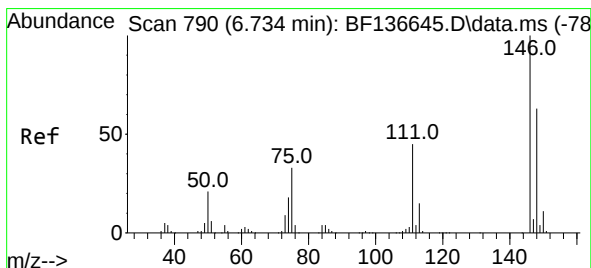
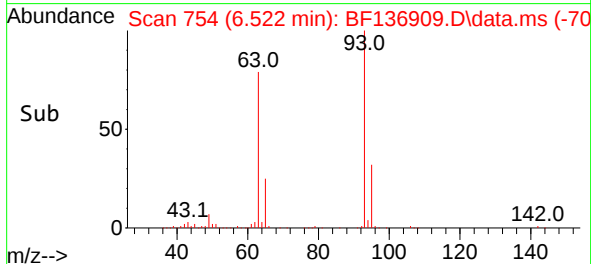
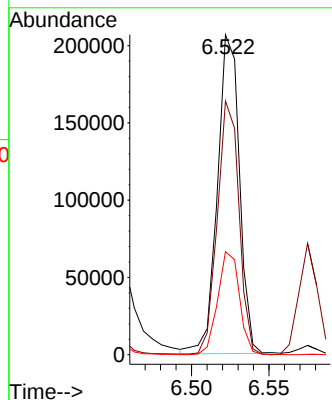
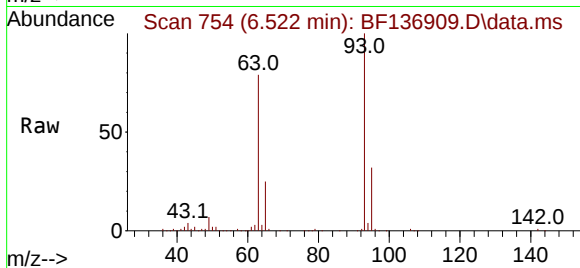
Tgt Ion: 93 Resp: 204434

Ion Ratio Lower Upper

93 100

63 79.3 61.2 101.2

95 32.2 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 31.945 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

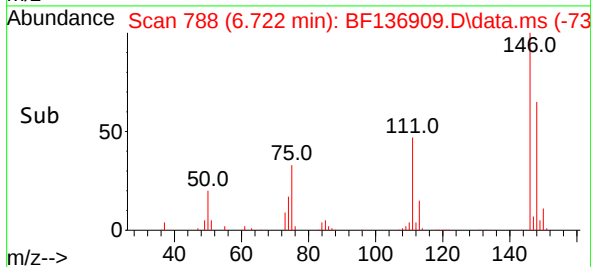
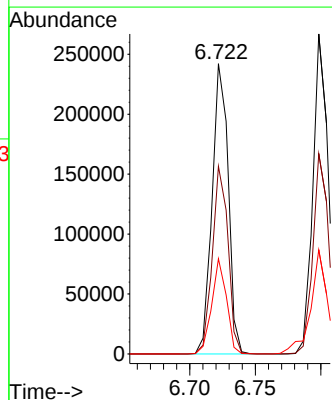
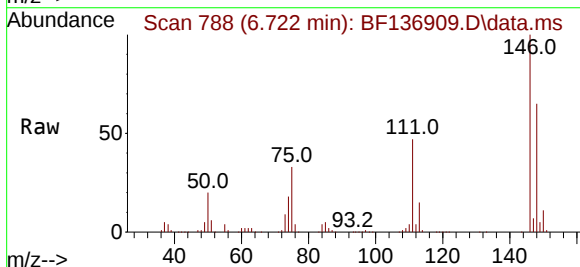
Tgt Ion: 146 Resp: 206534

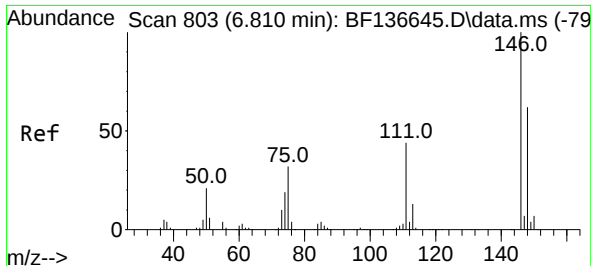
Ion Ratio Lower Upper

146 100

148 64.7 50.5 75.7

75 32.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 31.993 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

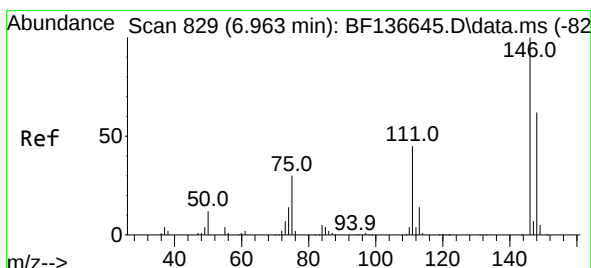
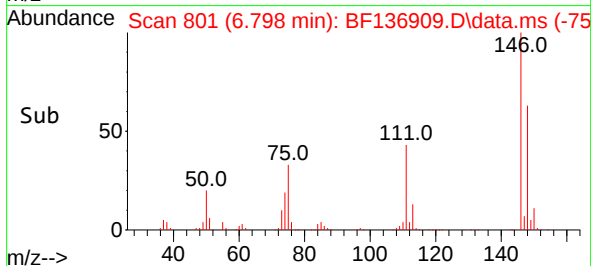
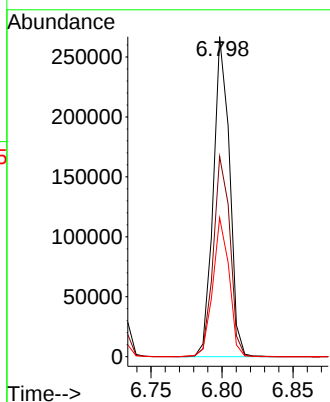
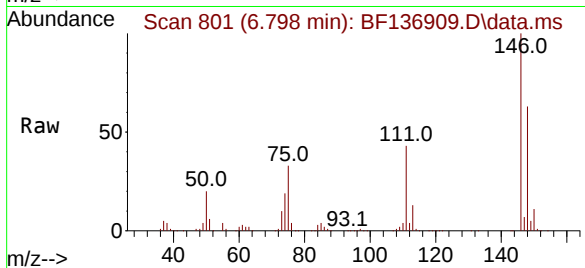
Tgt Ion:146 Resp: 211350

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

111 43.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 32.851 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

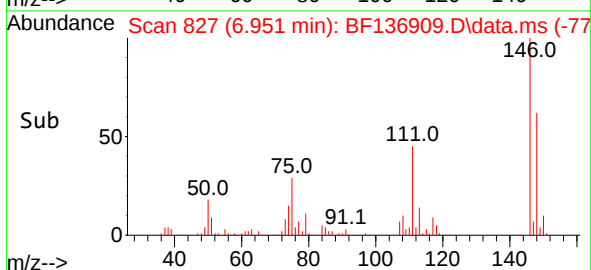
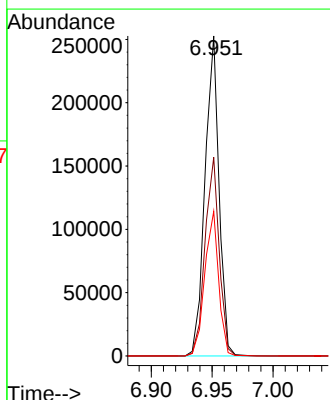
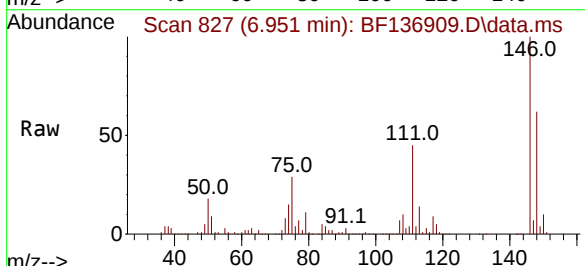
Tgt Ion:146 Resp: 201939

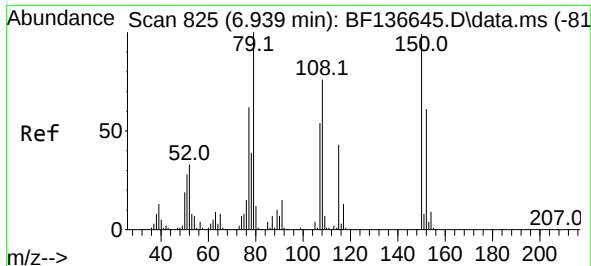
Ion Ratio Lower Upper

146 100

148 62.1 49.6 74.4

111 45.2 36.2 54.2

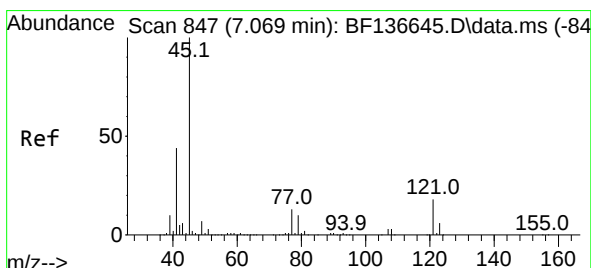
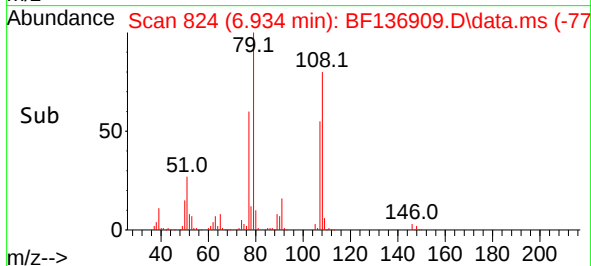
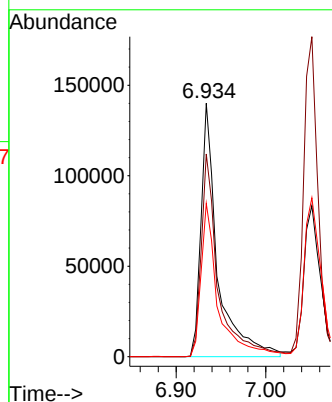
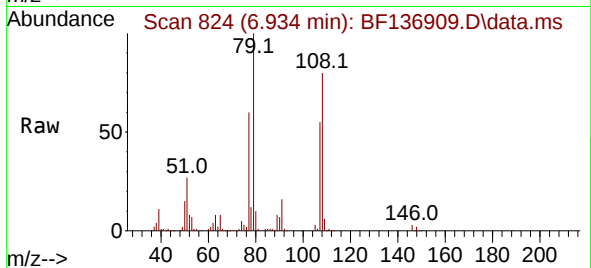




#15
Benzyl Alcohol
Concen: 38.168 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

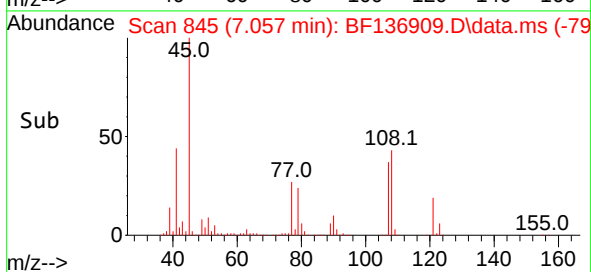
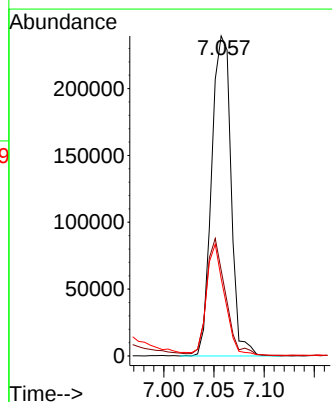
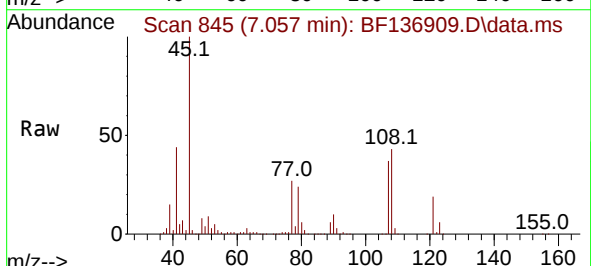
Instrument :
BNA_F
ClientSampleId :
T-402MSD

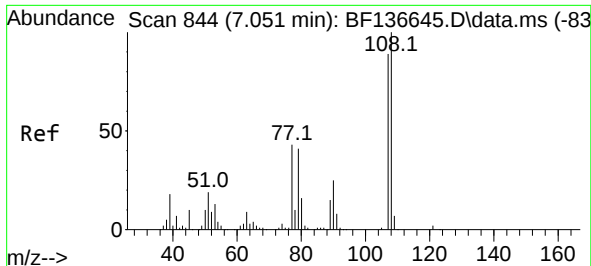
Tgt Ion: 79 Resp: 180700
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.436 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 45 Resp: 320741
Ion Ratio Lower Upper
45 100
77 26.8 0.0 34.3
79 24.2 0.0 31.4

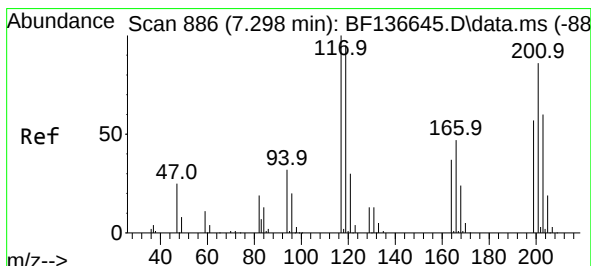
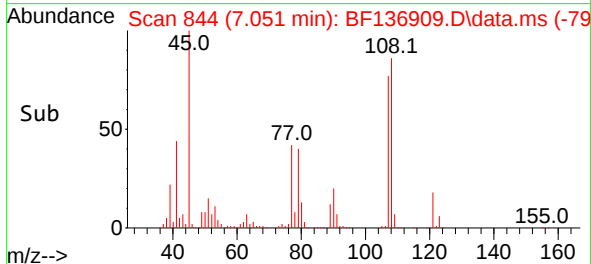
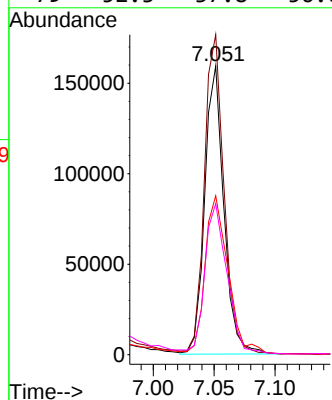
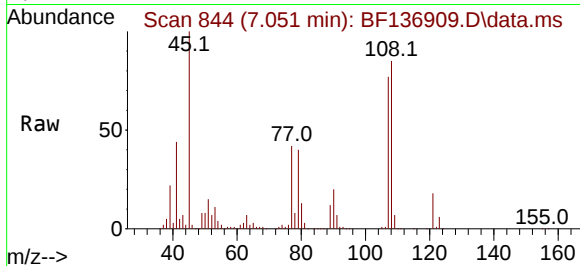




#17
2-Methylphenol
Concen: 35.361 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

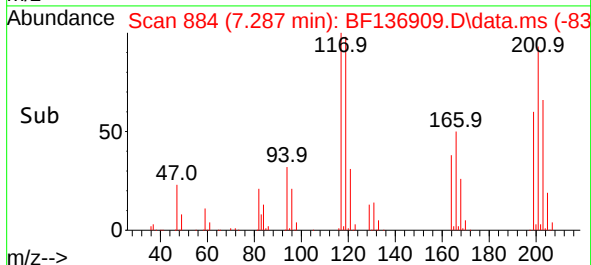
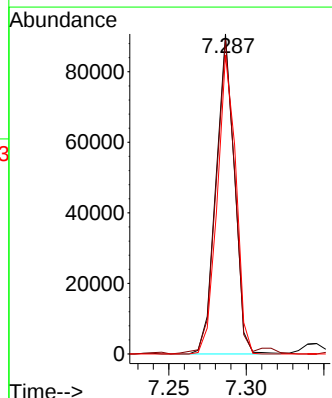
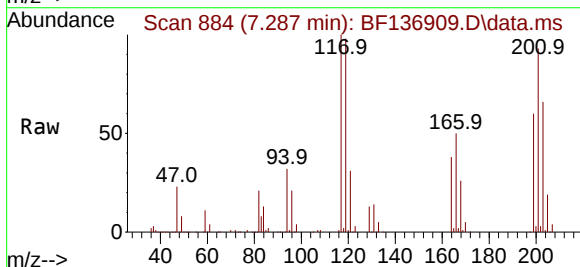
Instrument :
BNA_F
ClientSampleId :
T-402MSD

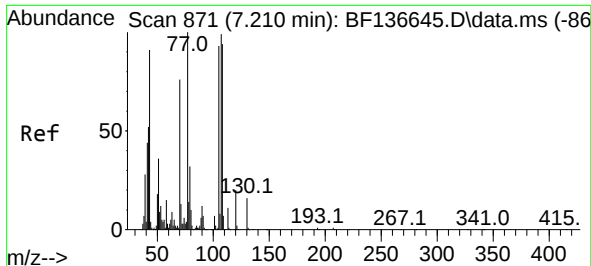
Tgt Ion:	107	Resp:	173616
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.3	135.5
77	55.0	38.7	58.1
79	52.3	37.8	56.6



#18
Hexachloroethane
Concen: 31.200 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:	117	Resp:	74853
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.6
201	93.5	69.1	103.7

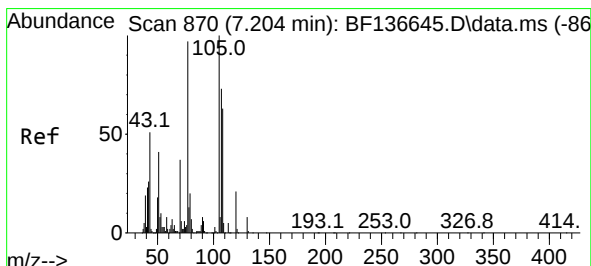
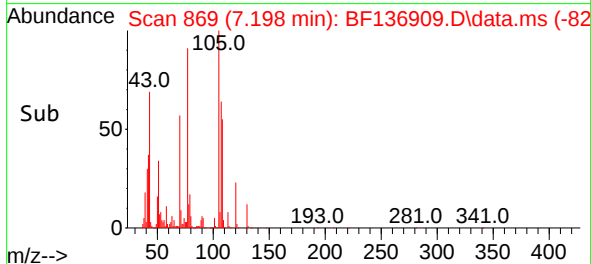
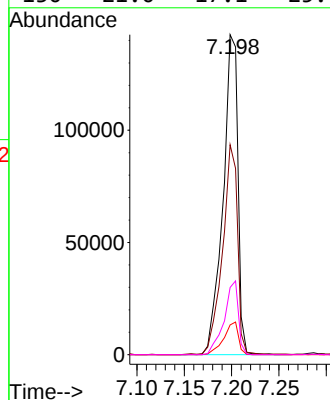
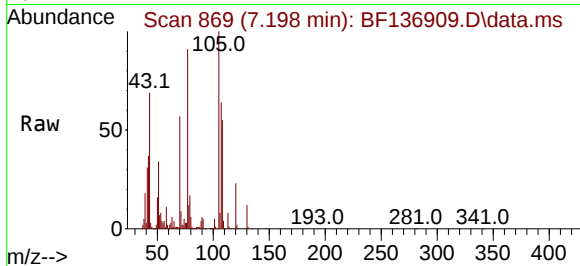




#19
n-Nitroso-di-n-propylamine
Concen: 36.831 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

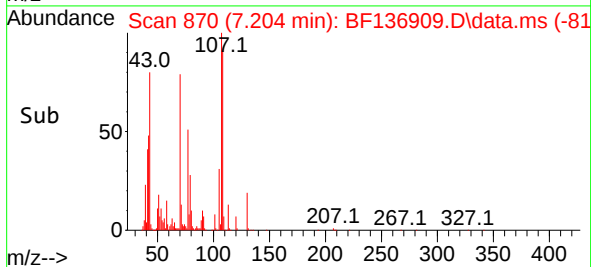
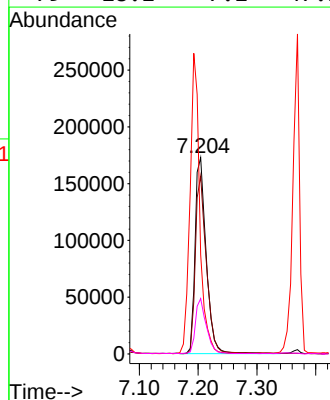
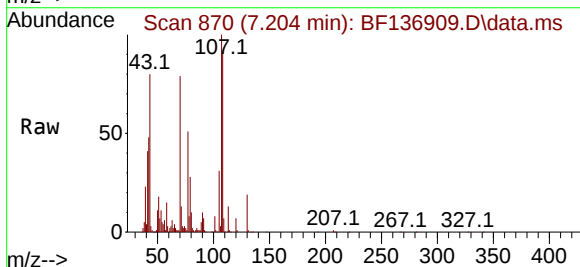
Instrument :
BNA_F
ClientSampleId :
T-402MSD

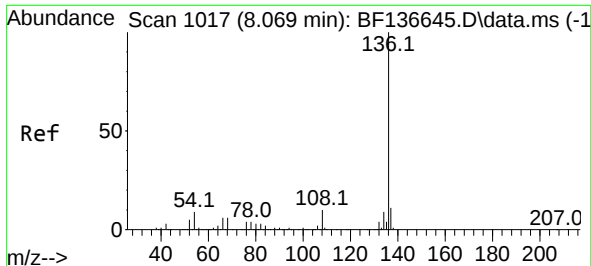
Tgt Ion: 70 Resp: 156678
Ion Ratio Lower Upper
70 100
42 65.6 54.2 81.4
101 9.3 7.6 11.4
130 21.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 36.814 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 107 Resp: 225814
Ion Ratio Lower Upper
107 100
108 90.6 66.0 106.0
77 50.5 114.2 154.2#
79 28.2 7.2 47.2

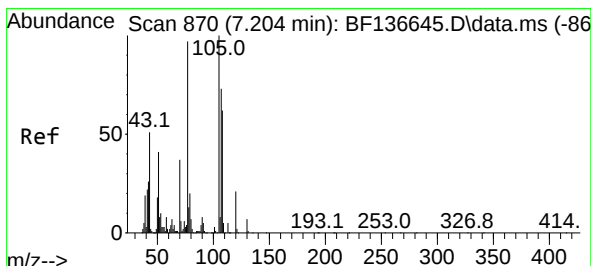
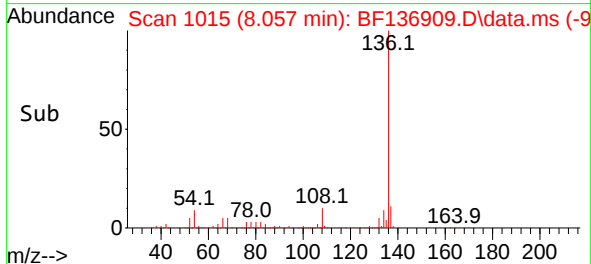
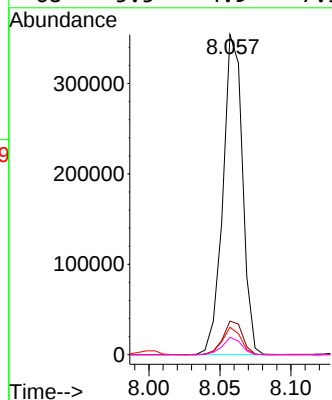
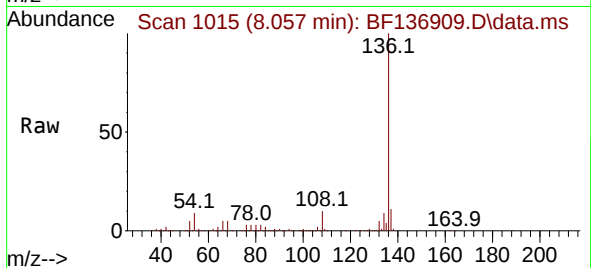




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

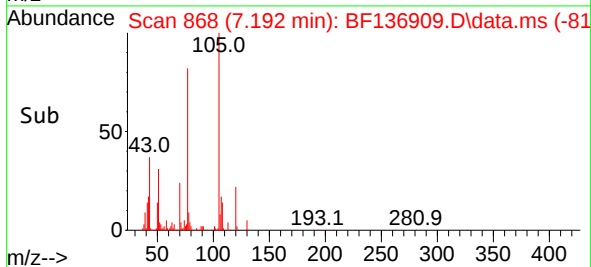
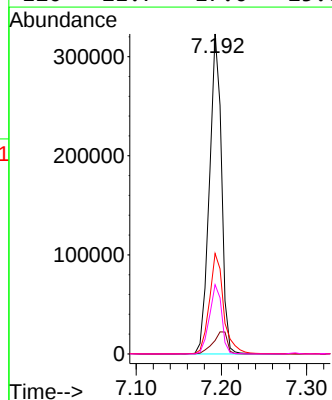
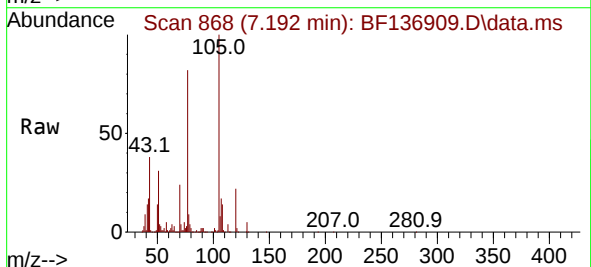
Instrument :
BNA_F
ClientSampleId :
T-402MSD

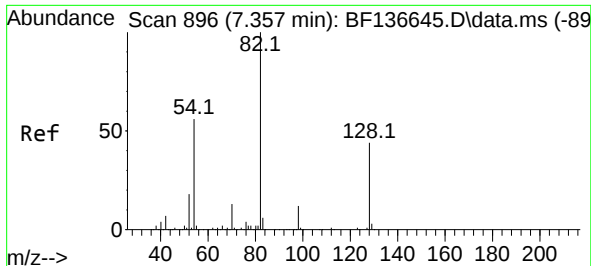
Tgt Ion:136	Resp: 338450
Ion Ratio	Lower Upper
136 100	
137 10.5	9.0 13.4
54 8.5	7.2 10.8
68 5.5	4.9 7.3



#22
Acetophenone
Concen: 37.567 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt	Ion:105	Resp:	318686
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.8	7.2#
51	31.4	32.8	49.2#
120	21.7	17.0	25.6





#23

Nitrobenzene-d5

Concen: 68.841 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

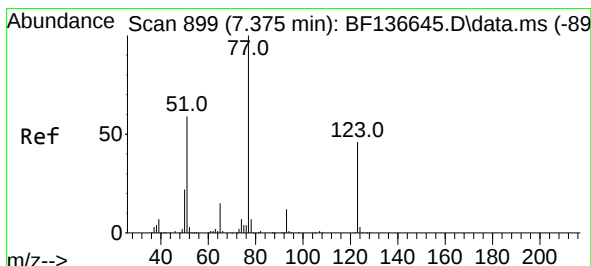
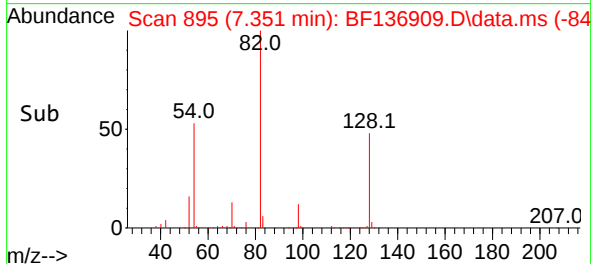
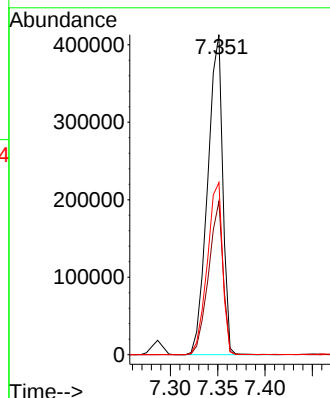
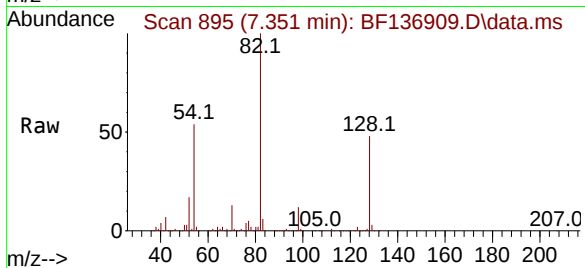
Tgt Ion: 82 Resp: 455320

Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

54 53.8 44.5 66.7



#24

Nitrobenzene

Concen: 33.364 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

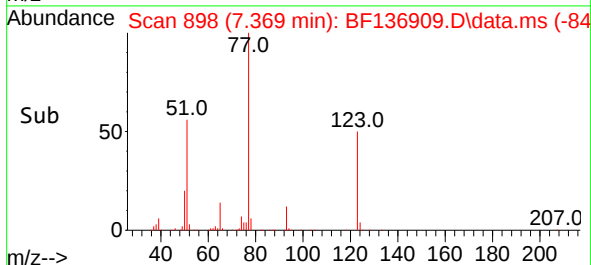
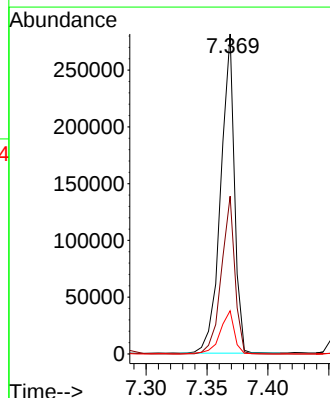
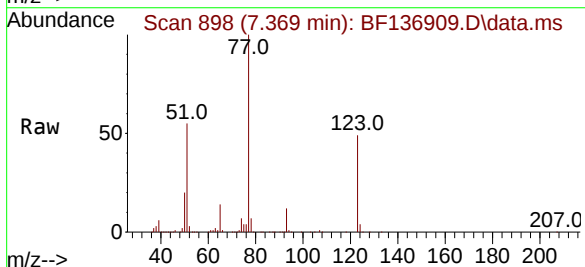
Tgt Ion: 77 Resp: 221053

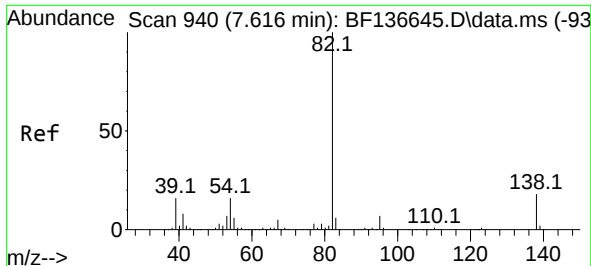
Ion Ratio Lower Upper

77 100

123 49.3 36.7 55.1

65 13.5 11.8 17.6

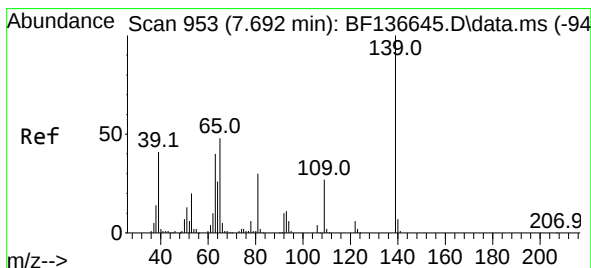
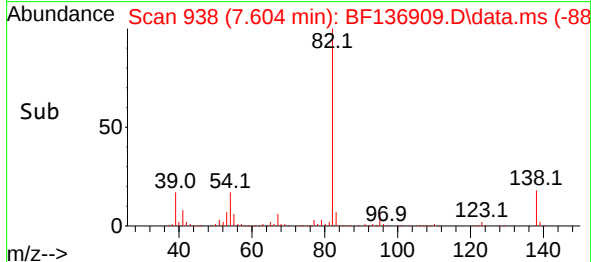
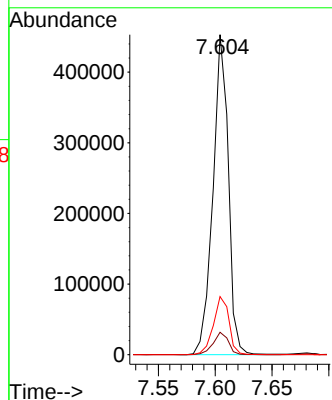
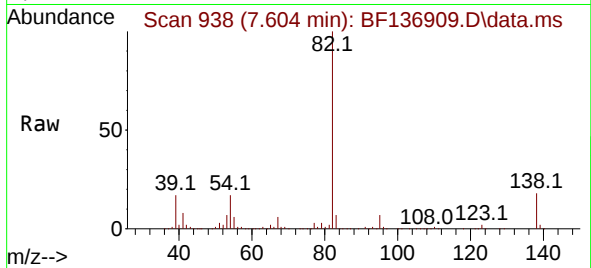




#25
Isophorone
Concen: 35.502 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

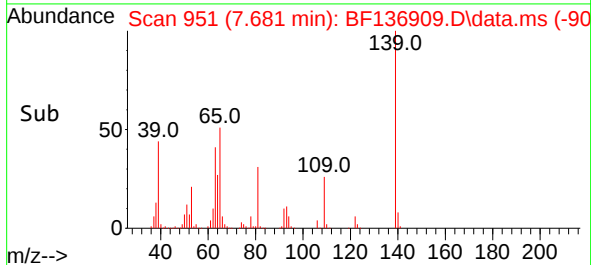
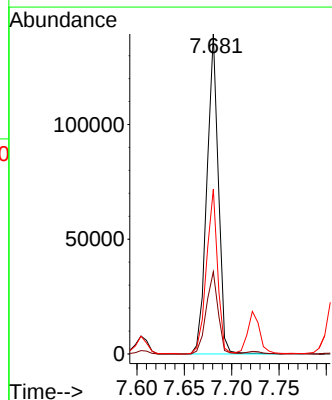
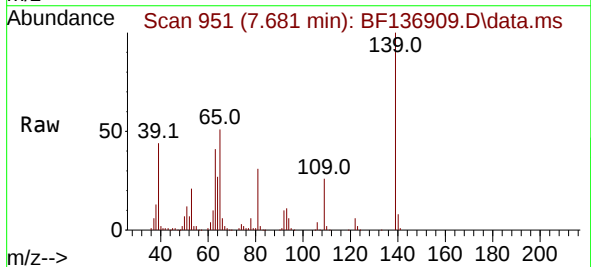
Instrument :
BNA_F
ClientSampleId :
T-402MSD

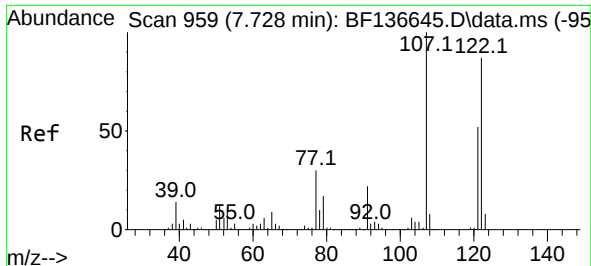
Tgt Ion: 82 Resp: 427272
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 37.014 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 139 Resp: 117333
Ion Ratio Lower Upper
139 100
109 25.7 21.9 32.9
65 51.5 38.6 58.0

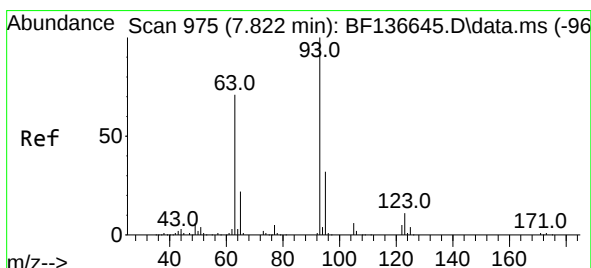
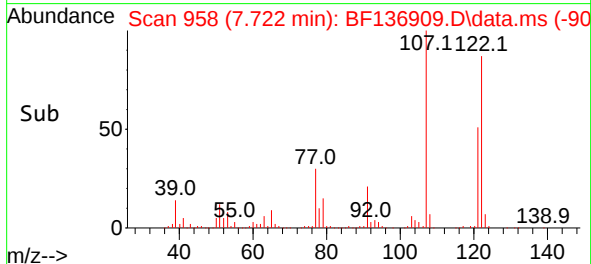
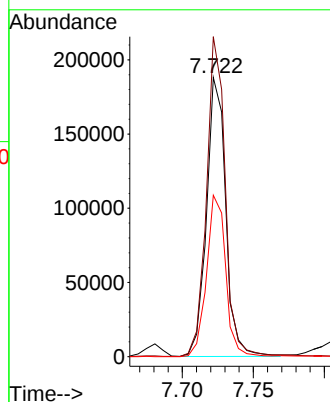
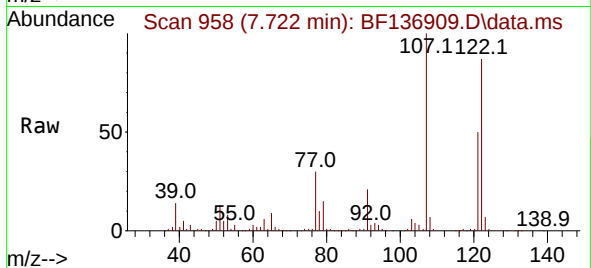




#27
2,4-Dimethylphenol
Concen: 45.856 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

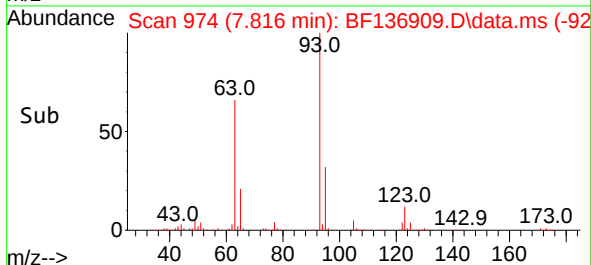
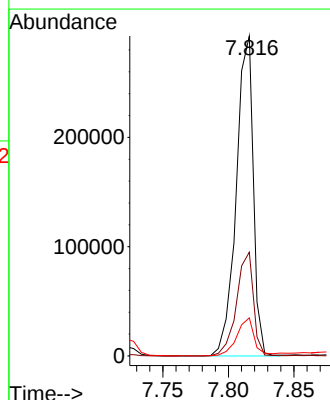
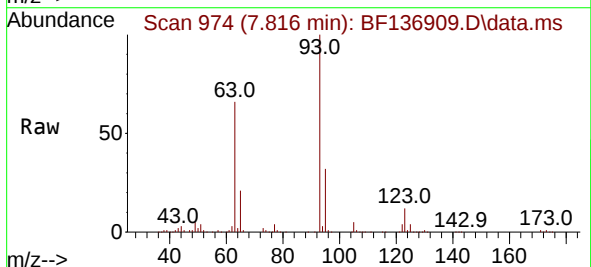
Instrument :
BNA_F
ClientSampleId :
T-402MSD

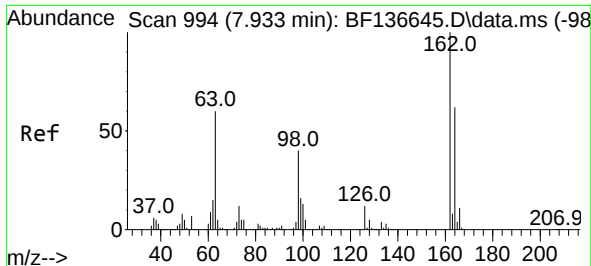
Tgt Ion:122 Resp: 176970
Ion Ratio Lower Upper
122 100
107 114.6 92.0 138.0
121 57.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 36.296 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion: 93 Resp: 265522
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.9 9.2 13.8

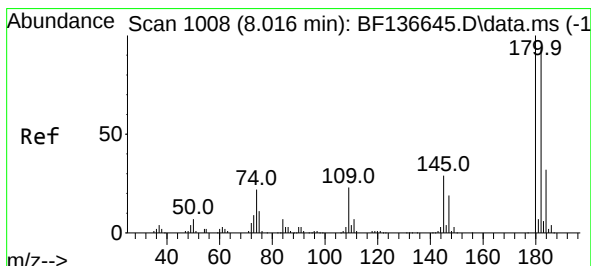
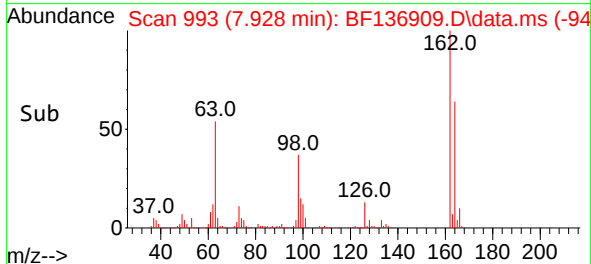
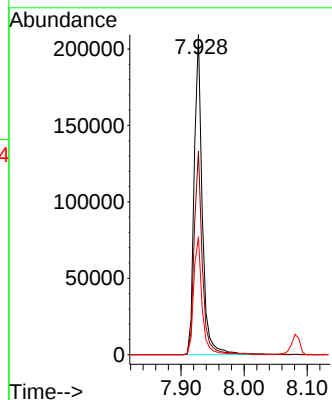
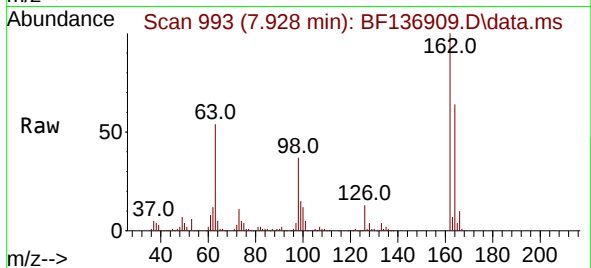




#29
2,4-Dichlorophenol
Concen: 37.569 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

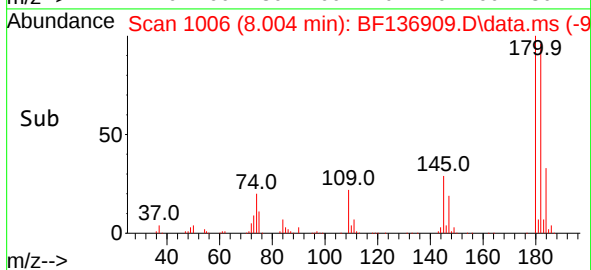
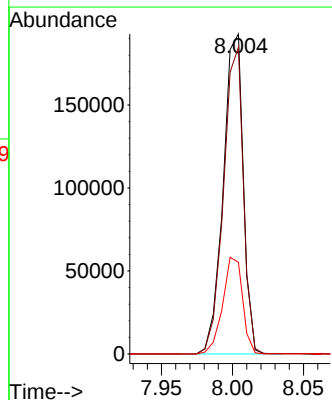
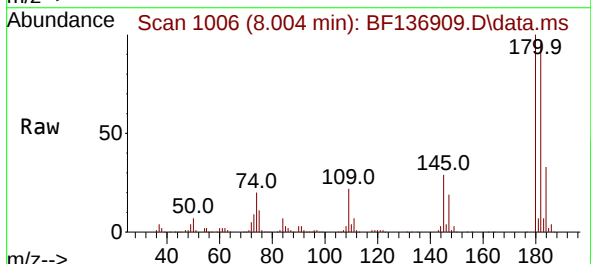
Instrument :
BNA_F
ClientSampleId :
T-402MSD

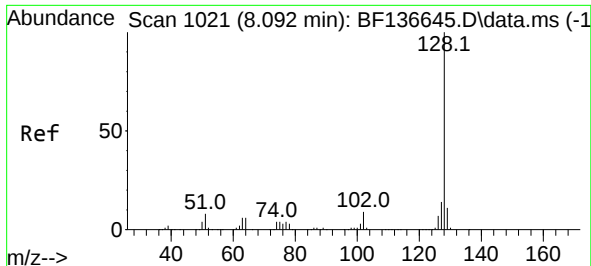
Tgt Ion:162 Resp: 186661
Ion Ratio Lower Upper
162 100
164 63.7 41.7 81.7
98 36.8 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 34.218 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:180 Resp: 189426
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 28.7 23.1 34.7

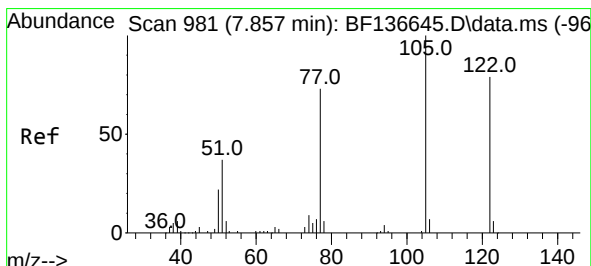
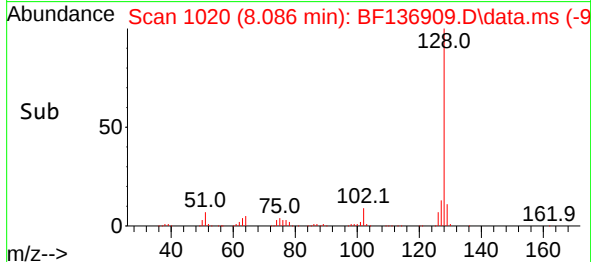
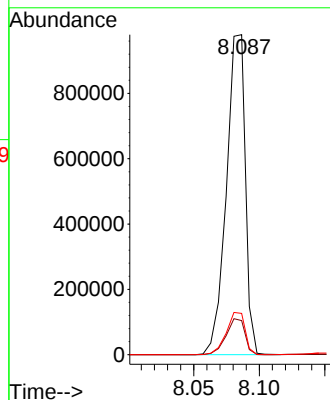
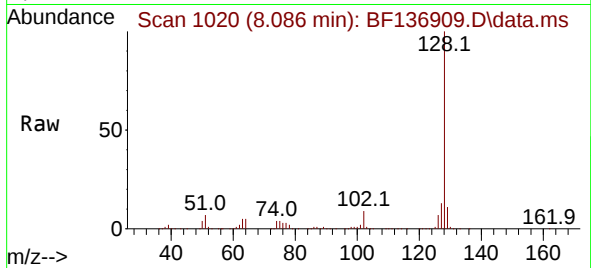




#31
Naphthalene
Concen: 53.024 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

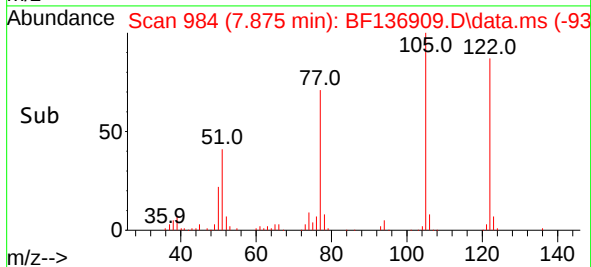
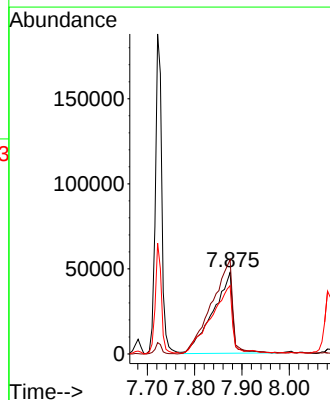
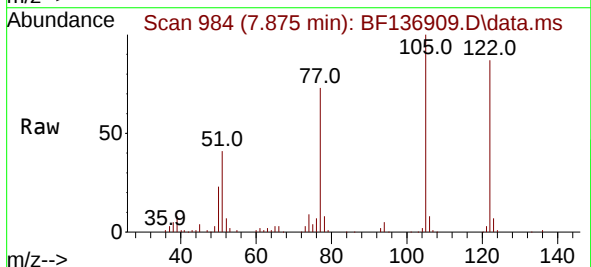
Instrument :
BNA_F
ClientSampleId :
T-402MSD

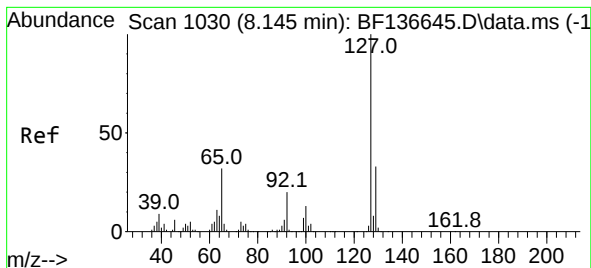
Tgt Ion:128 Resp: 985900
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 37.116 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:122 Resp: 138593
Ion Ratio Lower Upper
122 100
105 115.4 100.8 140.8
77 83.8 70.9 110.9





#33

4-Chloroaniline

Concen: 2.229 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

Tgt Ion:127 Resp: 15305

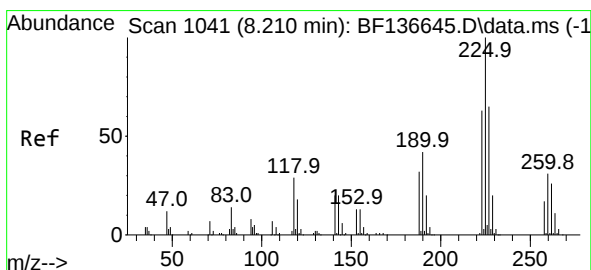
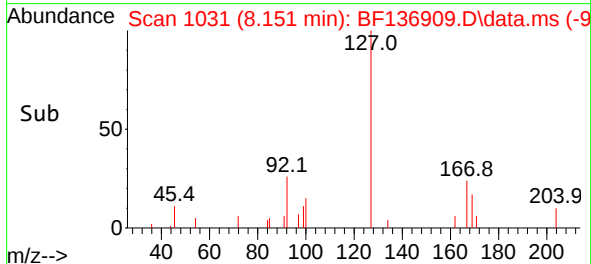
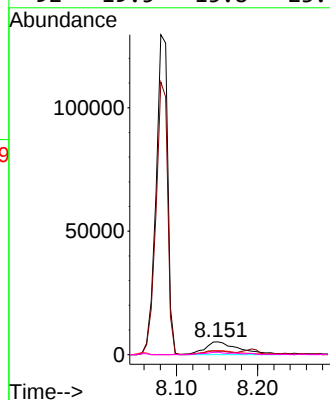
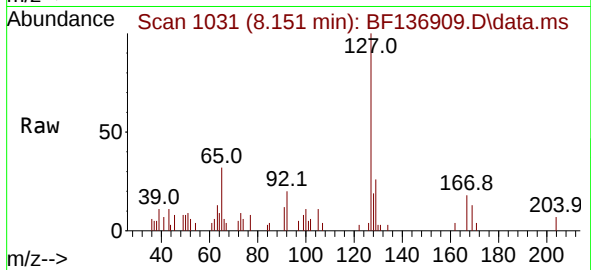
Ion Ratio Lower Upper

127 100

129 26.2 26.3 39.5#

65 31.9 25.8 38.8

92 19.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 32.147 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

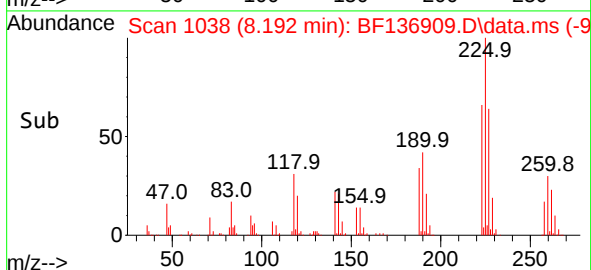
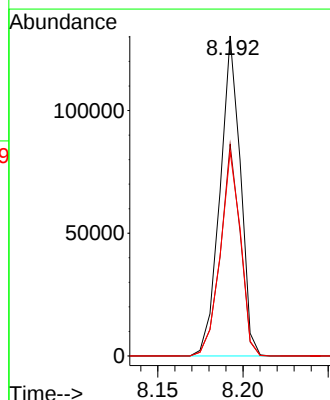
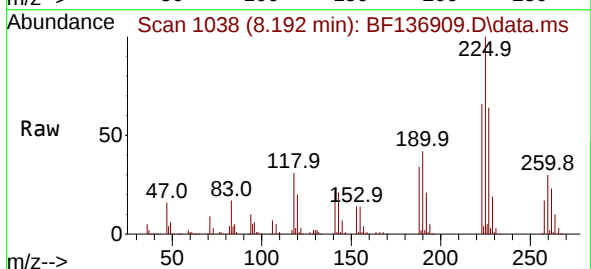
Tgt Ion:225 Resp: 108121

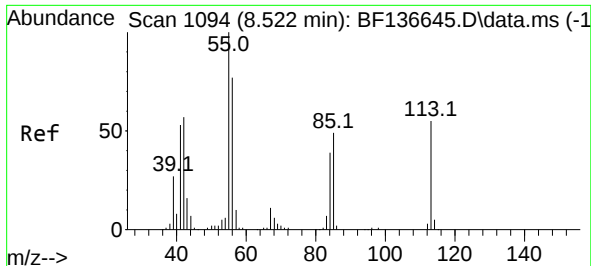
Ion Ratio Lower Upper

225 100

223 66.2 50.6 76.0

227 63.8 51.9 77.9

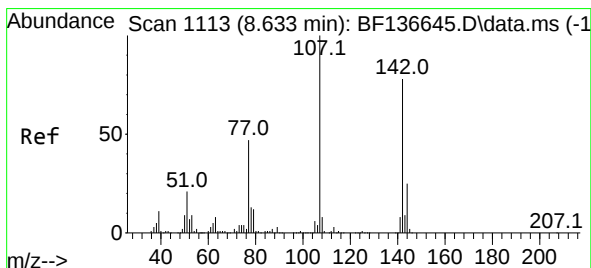
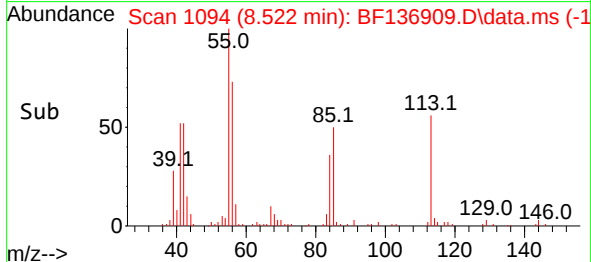
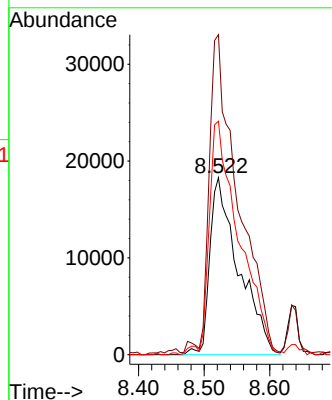
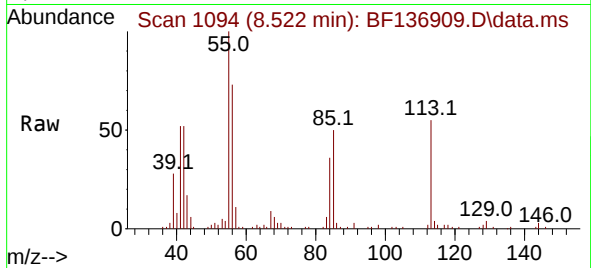




#35
 Caprolactam
 Concen: 34.168 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

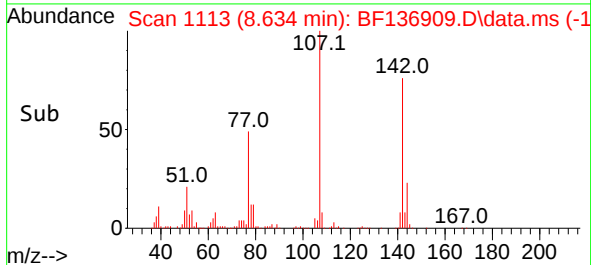
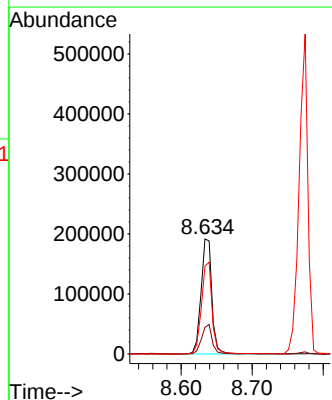
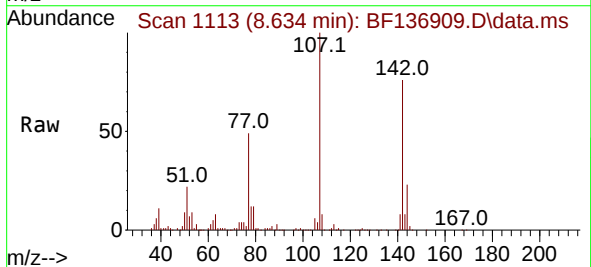
Instrument :
 BNA_F
 ClientSampleId :
 T-402MSD

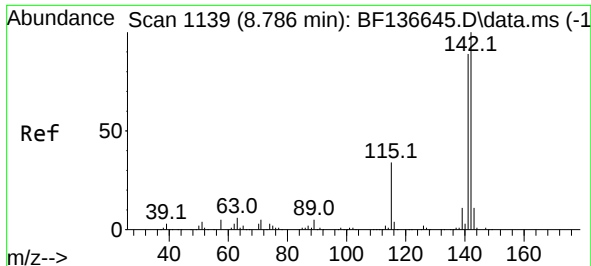
Tgt Ion:113 Resp: 56003
 Ion Ratio Lower Upper
 113 100
 55 180.8 163.1 203.1
 56 131.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.460 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

Tgt Ion:107 Resp: 203936
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.2 30.2
 142 76.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.370 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

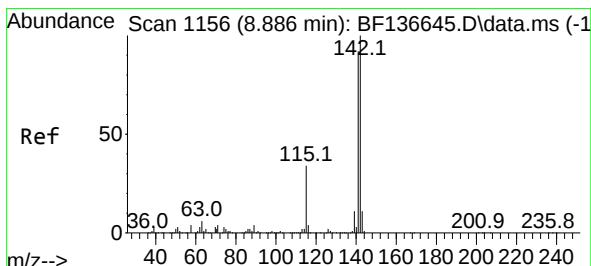
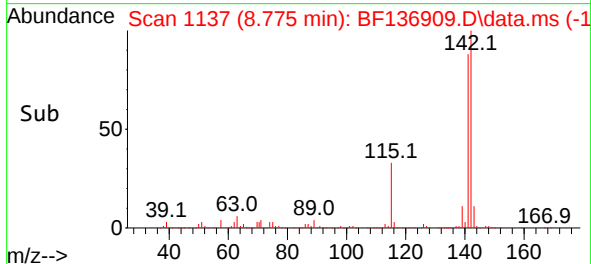
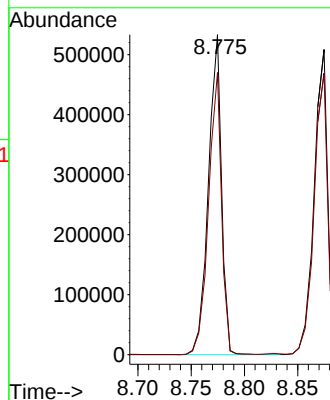
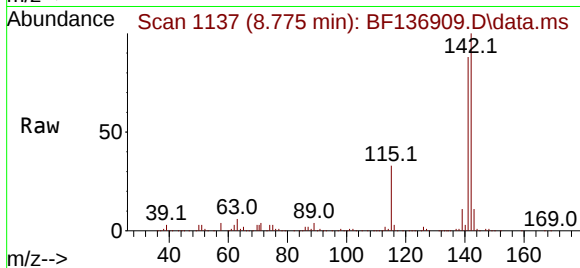
T-402MSD

Tgt Ion:142 Resp: 459146

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.367 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136909.D

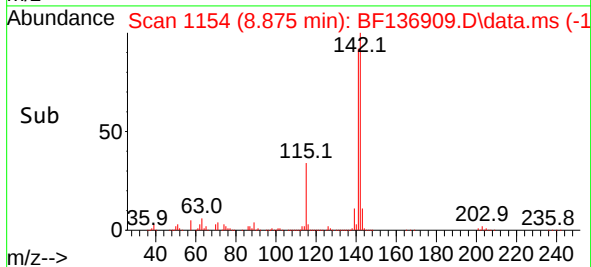
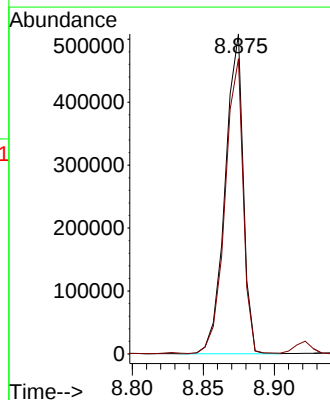
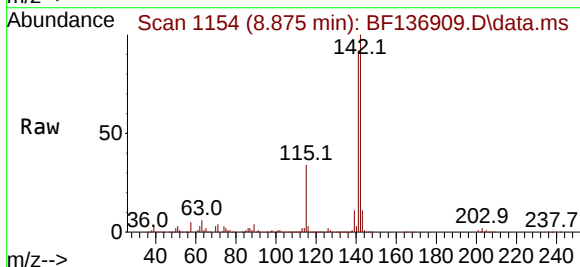
Acq: 03 Jan 2024 15:55

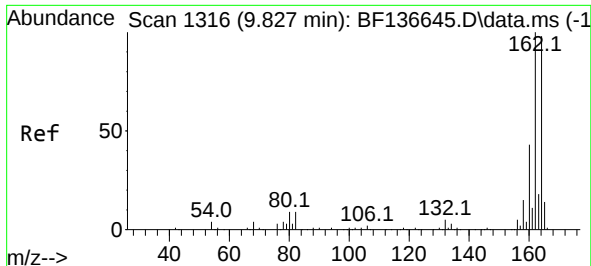
Tgt Ion:142 Resp: 450426

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4

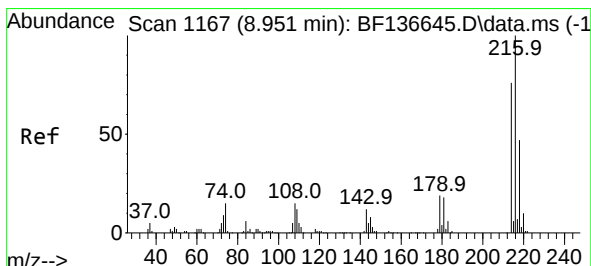
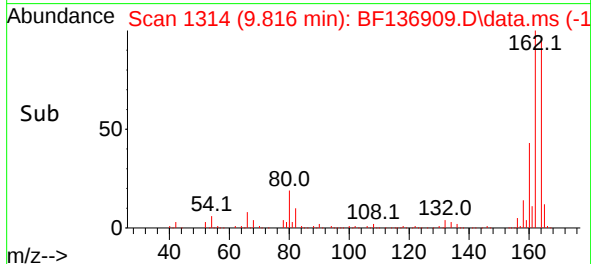
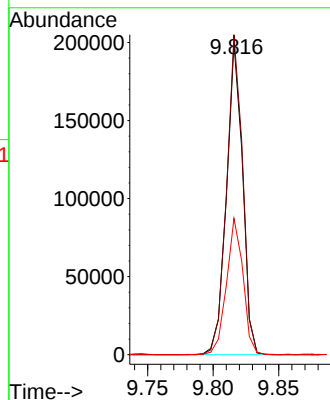
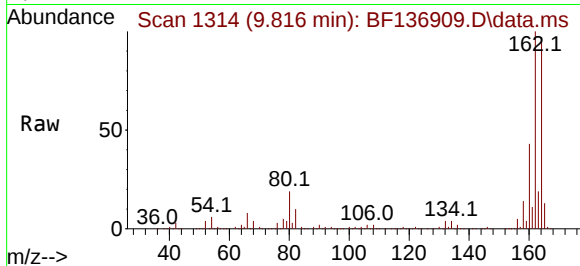




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

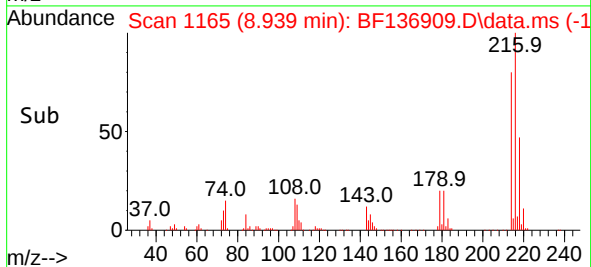
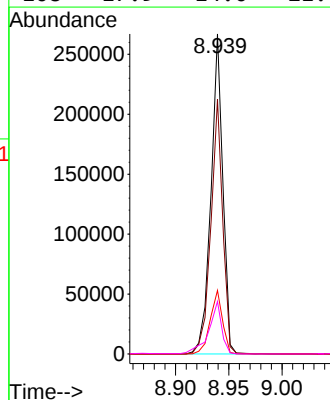
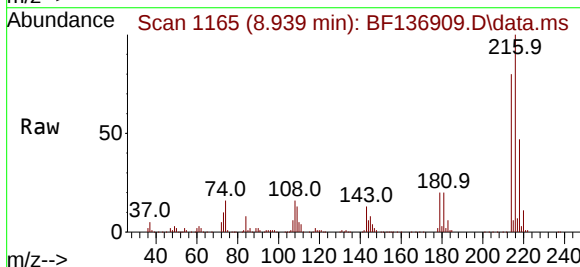
Instrument :
BNA_F
ClientSampleId :
T-402MSD

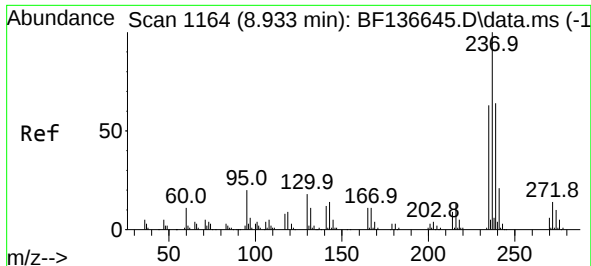
Tgt Ion:164 Resp: 170025
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 43.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.477 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:216 Resp: 207869
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.5 16.4 24.6
108 17.9 14.0 21.0

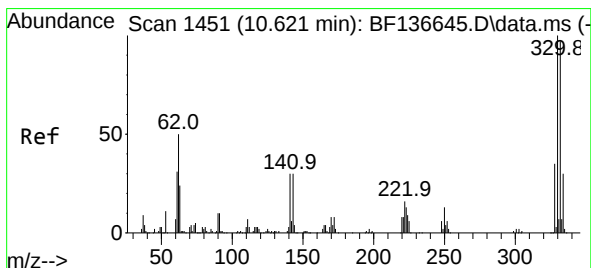
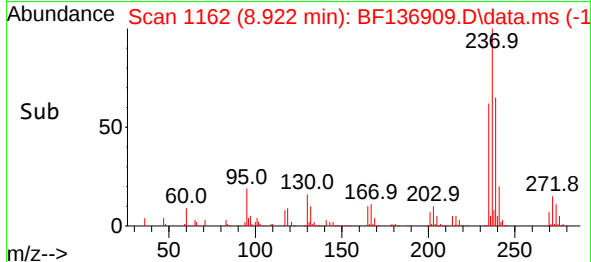
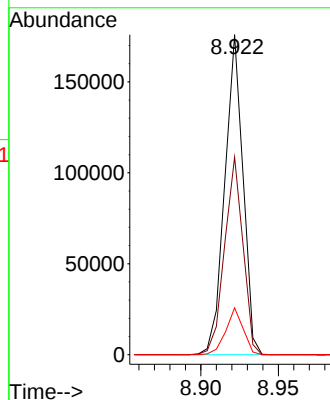
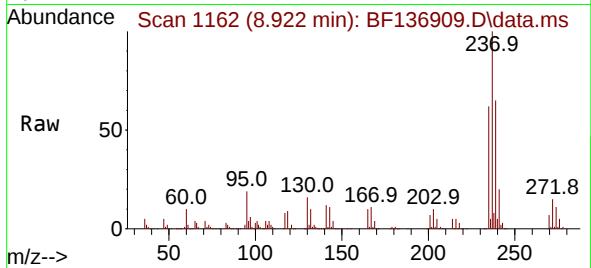




#41
Hexachlorocyclopentadiene
Concen: 85.354 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

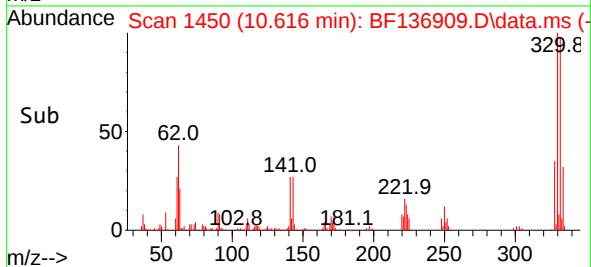
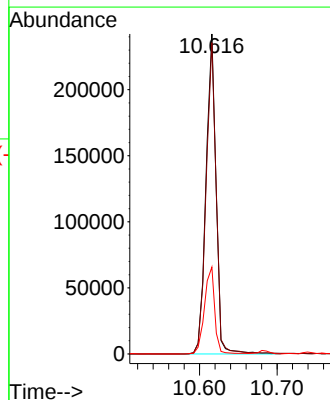
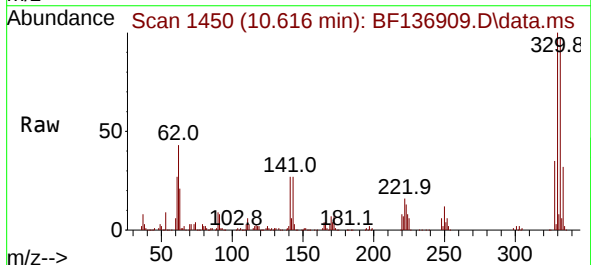
Instrument :
BNA_F
ClientSampleId :
T-402MSD

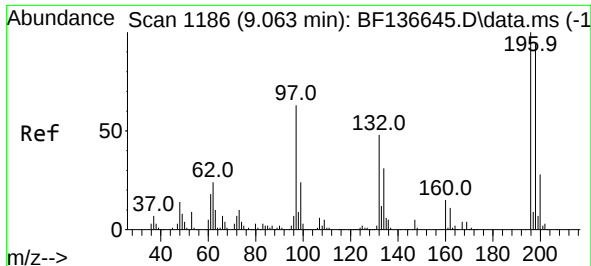
Tgt Ion:237 Resp: 143888
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 14.7 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 108.672 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:330 Resp: 217608
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 27.8 23.4 35.2

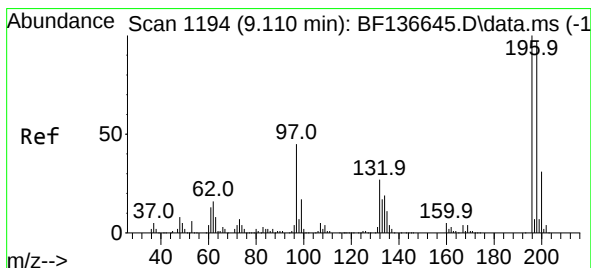
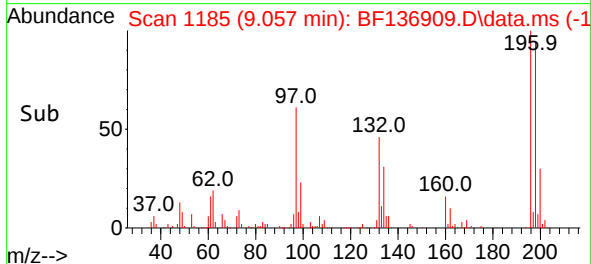
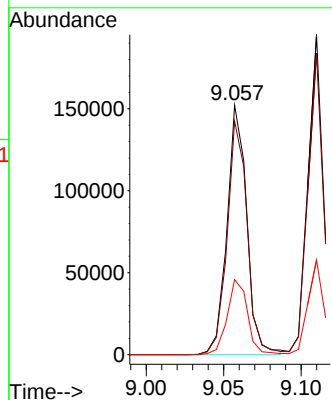
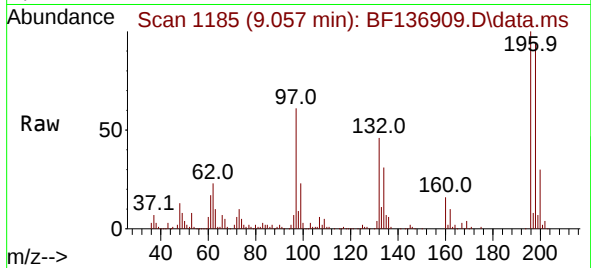




#43
2,4,6-Trichlorophenol
Concen: 40.064 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

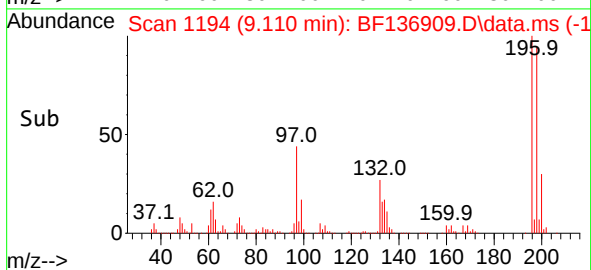
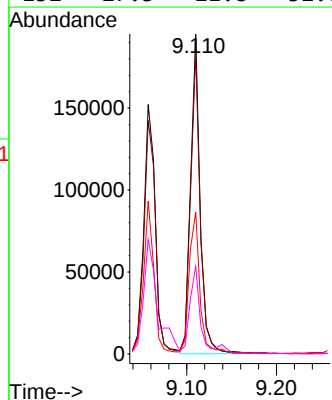
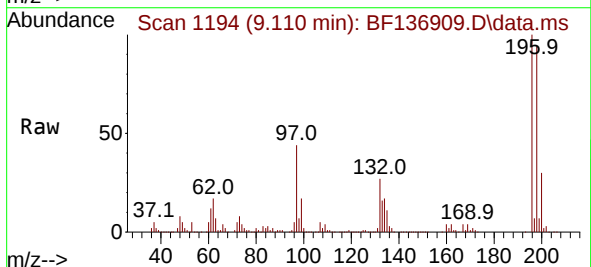
Instrument :
BNA_F
ClientSampleId :
T-402MSD

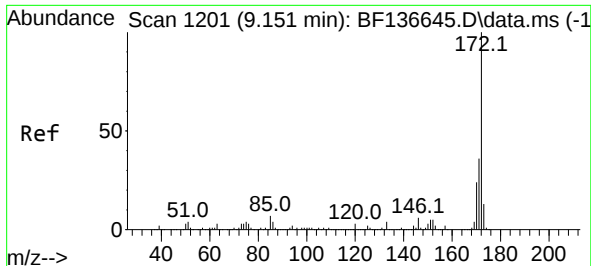
Tgt Ion:196 Resp: 135294
Ion Ratio Lower Upper
196 100
198 93.6 75.1 112.7
200 30.1 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.661 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:196 Resp: 145487
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 44.4 36.1 54.1
132 27.3 21.8 32.6

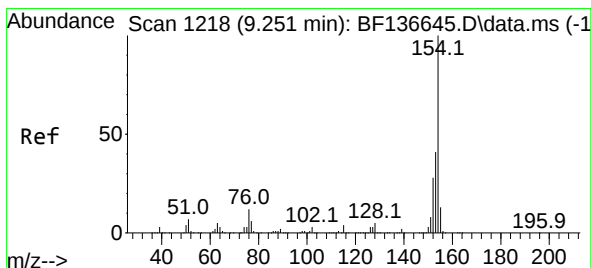
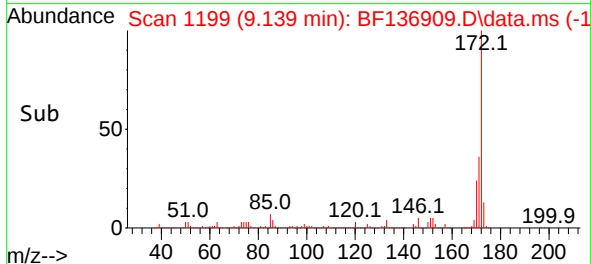
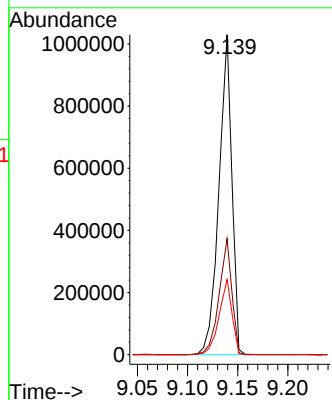
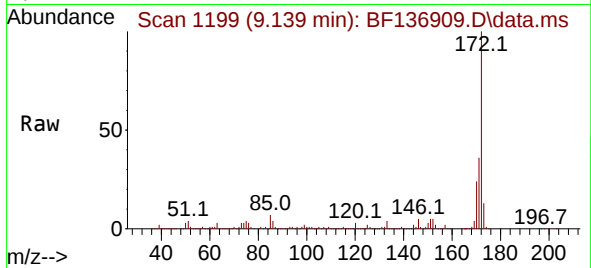




#45
2-Fluorobiphenyl
Concen: 73.046 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

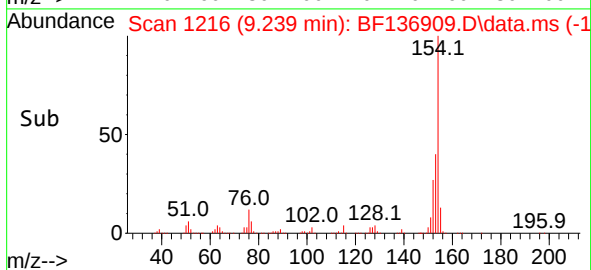
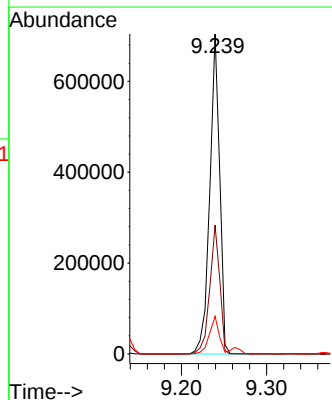
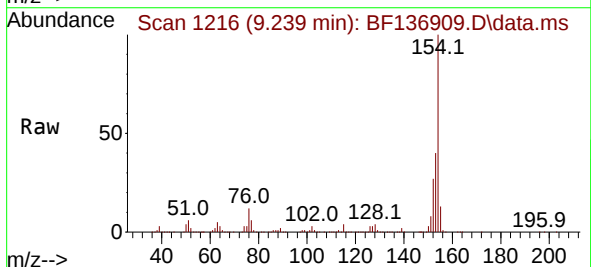
Instrument :
BNA_F
ClientSampleId :
T-402MSD

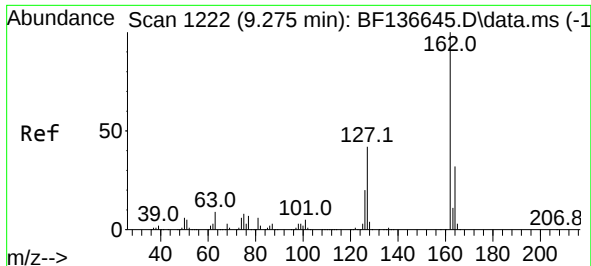
Tgt Ion:172 Resp: 923400
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.806 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:154 Resp: 567941
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 11.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 37.033 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

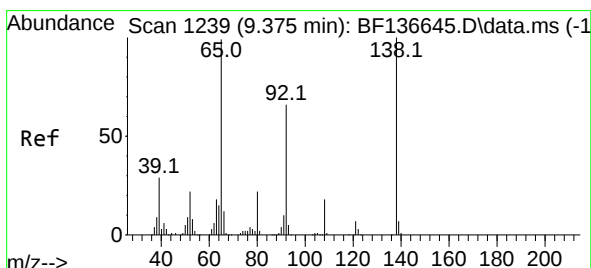
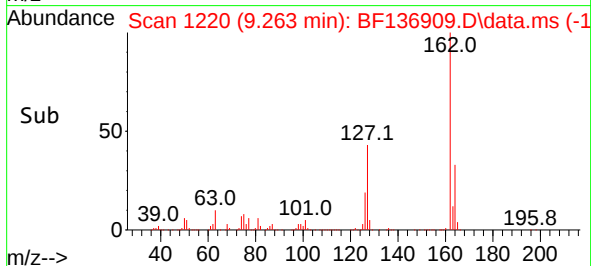
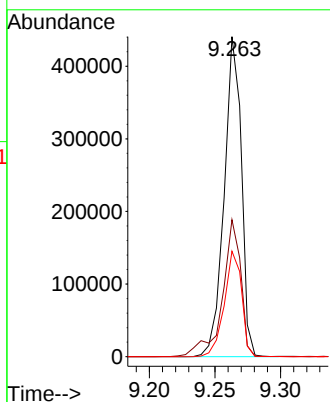
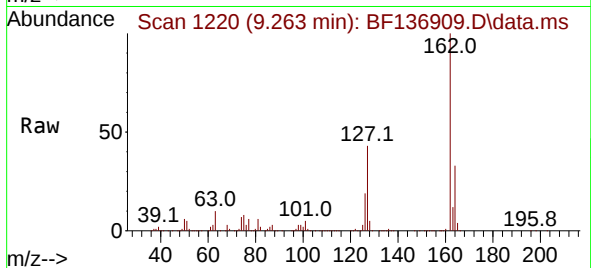
Tgt Ion:162 Resp: 401682

Ion Ratio Lower Upper

162 100

127 42.8 33.6 50.4

164 32.9 25.7 38.5



#48

2-Nitroaniline

Concen: 37.020 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

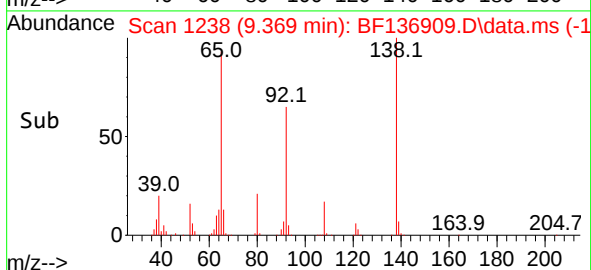
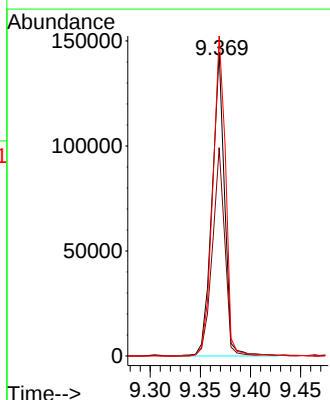
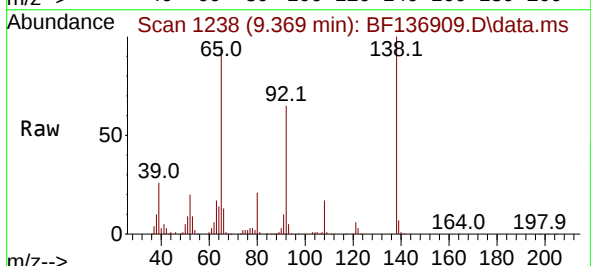
Tgt Ion: 65 Resp: 125740

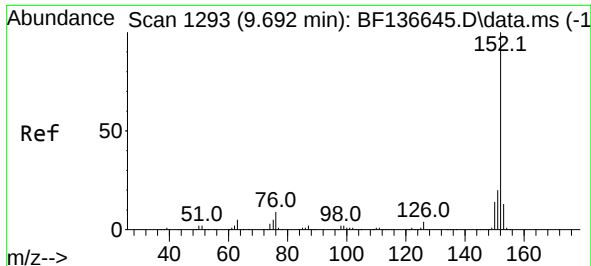
Ion Ratio Lower Upper

65 100

92 68.6 53.2 79.8

138 105.3 81.1 121.7





#49

Acenaphthylene

Concen: 40.897 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

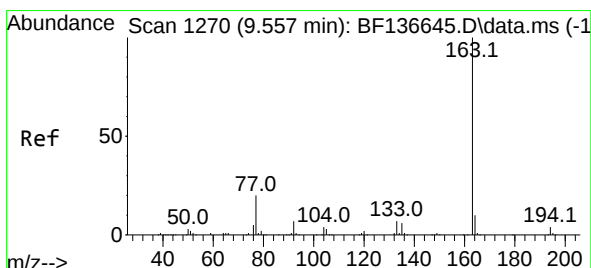
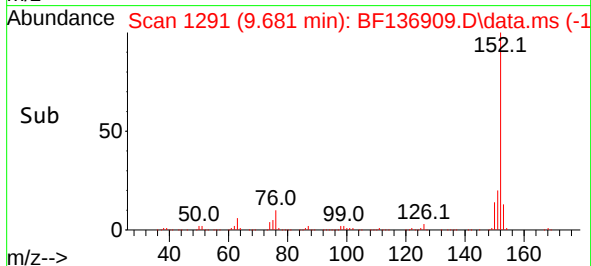
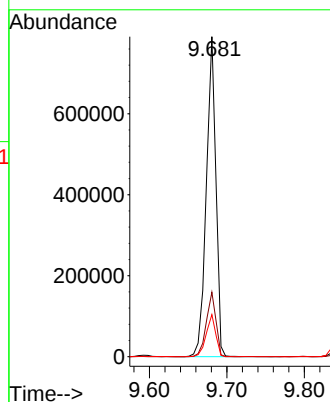
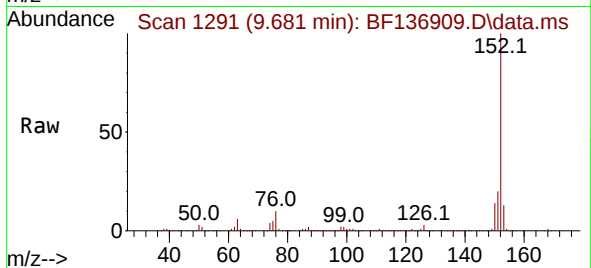
Tgt Ion:152 Resp: 678025

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.1 10.2 15.2



#50

Dimethylphthalate

Concen: 39.685 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

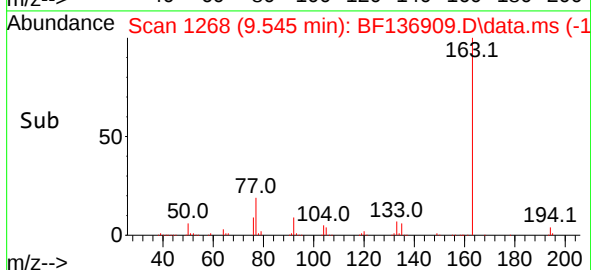
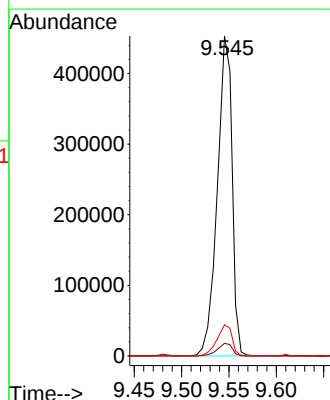
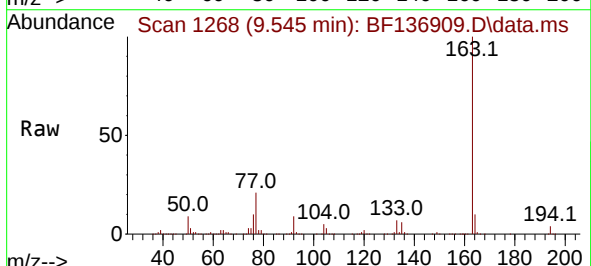
Tgt Ion:163 Resp: 492851

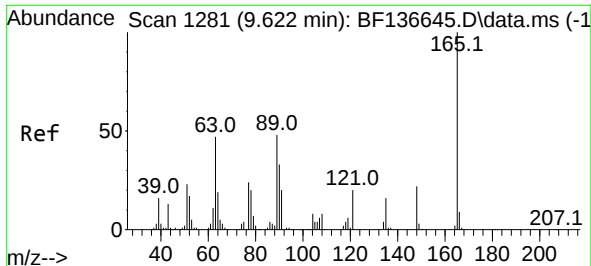
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.7 7.8 11.6

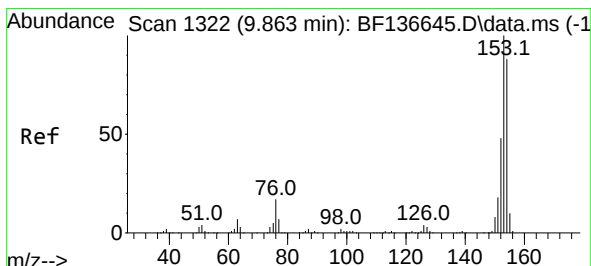
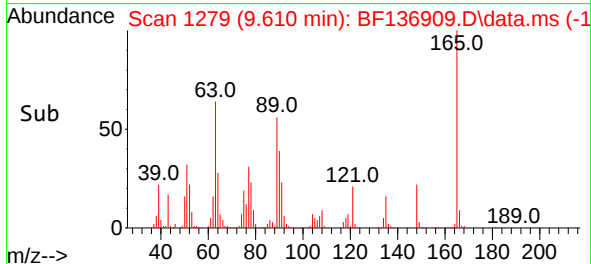
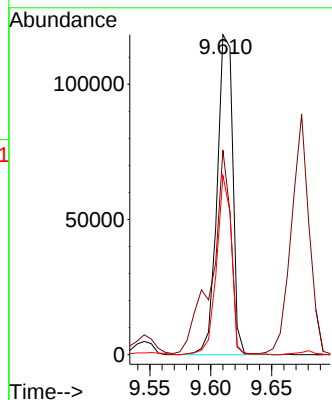
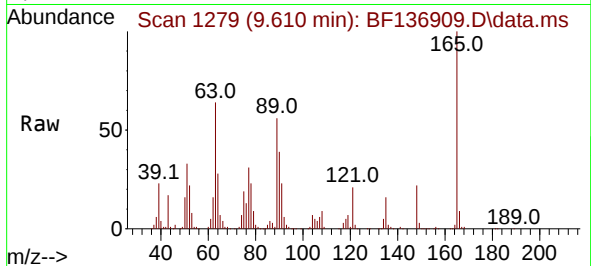




#51
2,6-Dinitrotoluene
Concen: 37.838 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

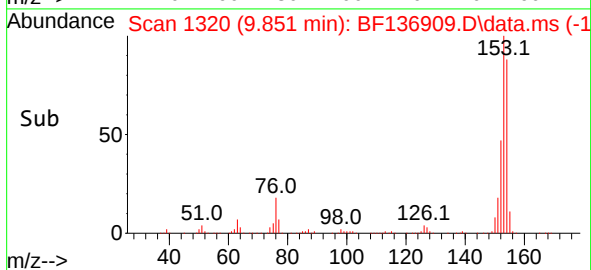
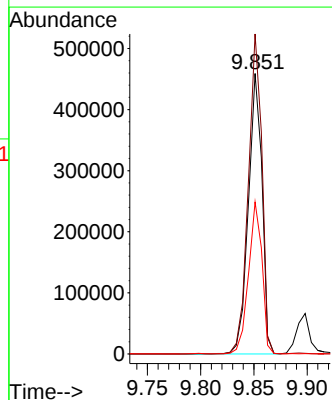
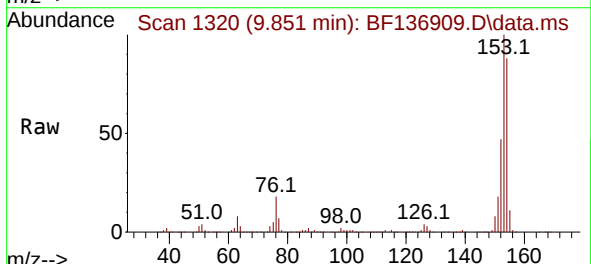
Instrument :
BNA_F
ClientSampleId :
T-402MSD

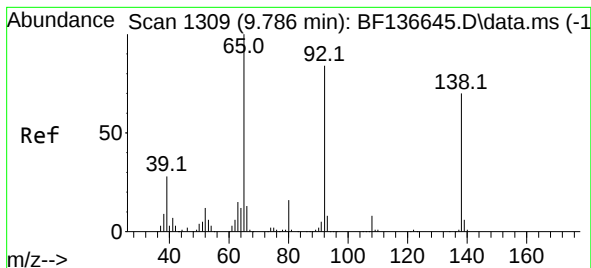
Tgt Ion:165 Resp: 106647
Ion Ratio Lower Upper
165 100
63 63.9 39.8 59.6#
89 56.0 38.8 58.2



#52
Acenaphthene
Concen: 39.899 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:154 Resp: 410032
Ion Ratio Lower Upper
154 100
153 114.1 90.7 136.1
152 54.2 43.7 65.5





#53

3-Nitroaniline

Concen: 6.364 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

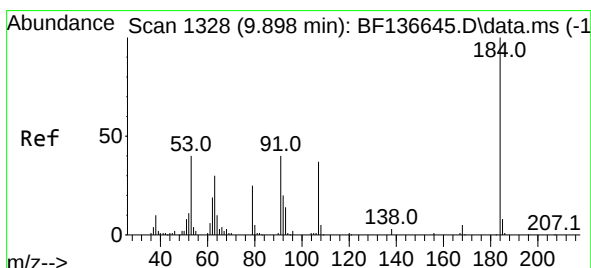
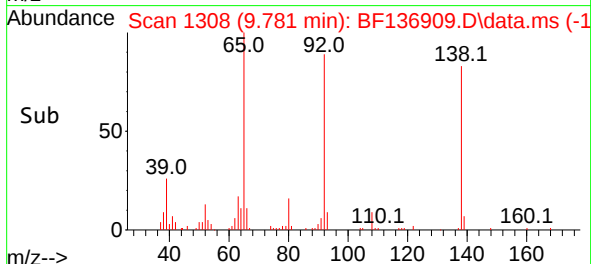
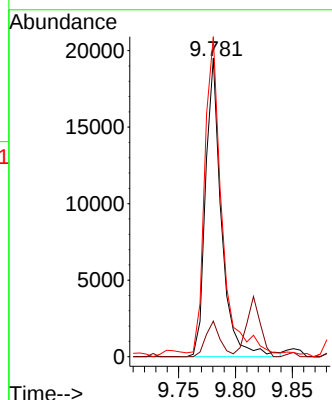
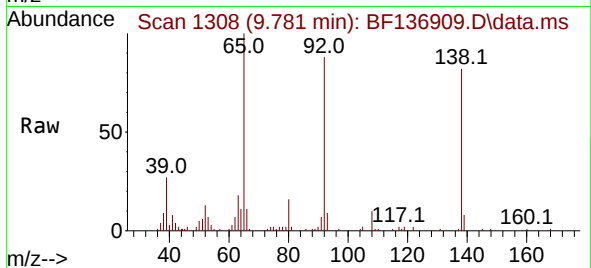
Tgt Ion:138 Resp: 19002

Ion Ratio Lower Upper

138 100

108 11.9 8.6 12.8

92 107.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 67.154 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

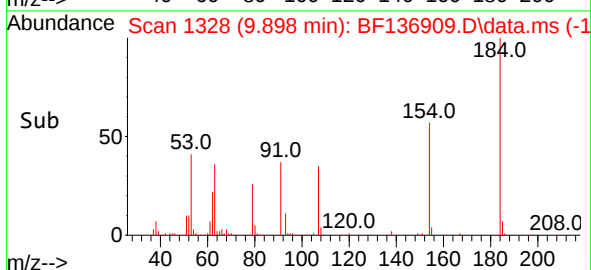
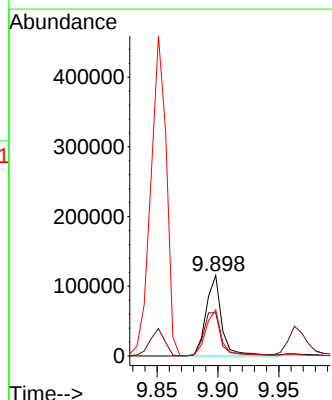
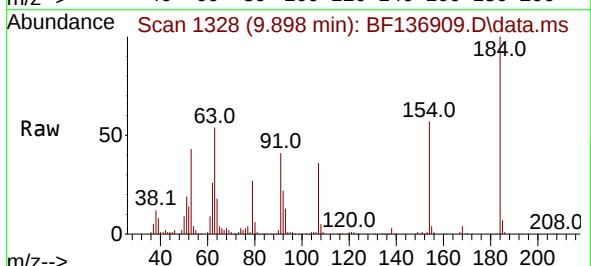
Tgt Ion:184 Resp: 103918

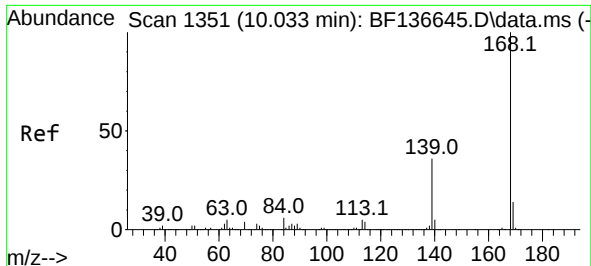
Ion Ratio Lower Upper

184 100

63 53.7 40.9 61.3

154 57.3 42.7 64.1

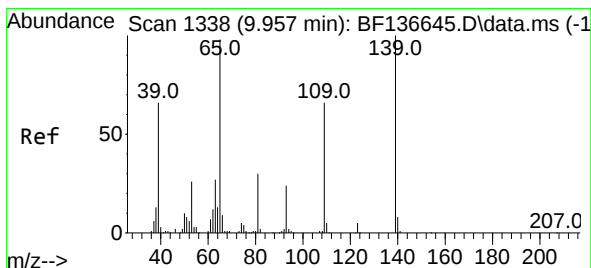
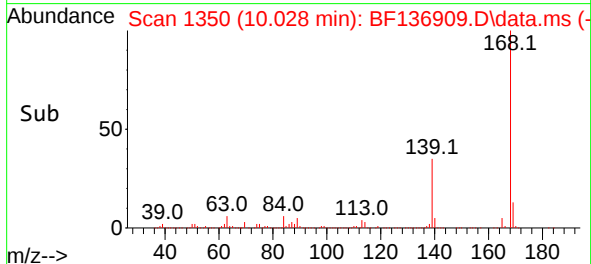
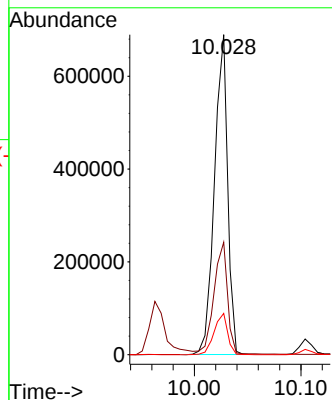
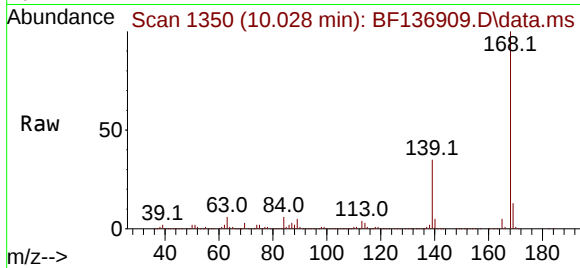




#55
Dibenzenofuran
Concen: 37.940 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

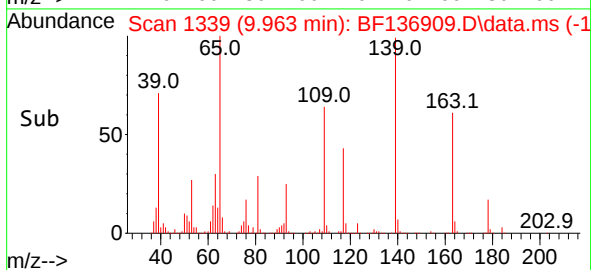
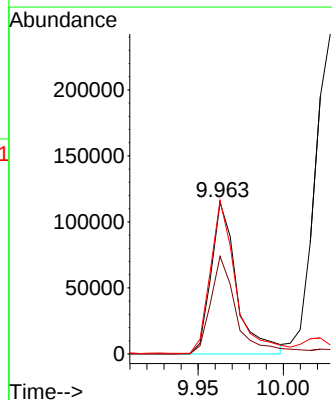
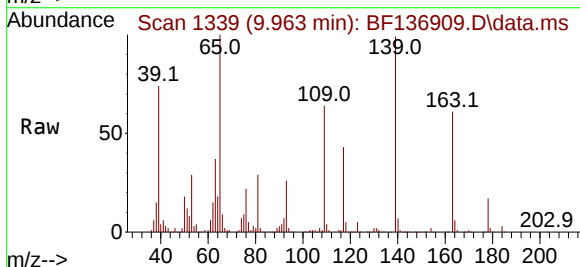
Instrument :
BNA_F
ClientSampleId :
T-402MSD

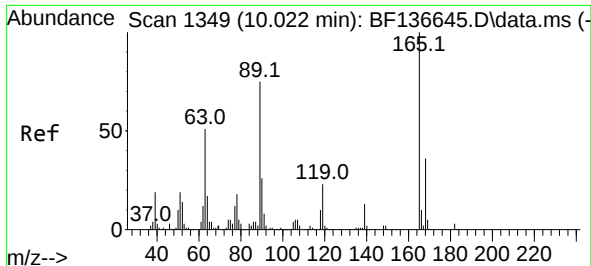
Tgt Ion:168 Resp: 591046
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 12.9 11.0 16.4



#56
4-Nitrophenol
Concen: 59.773 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:139 Resp: 120473
Ion Ratio Lower Upper
139 100
109 64.4 45.8 85.8
65 101.4 77.8 117.8

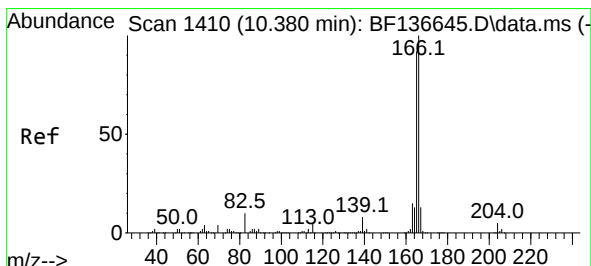
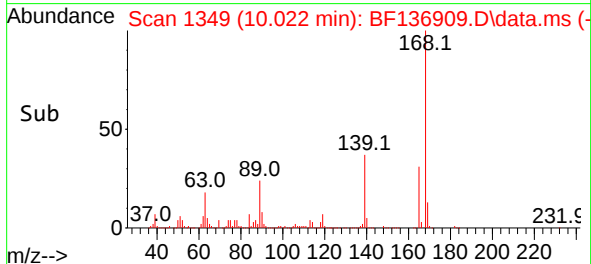
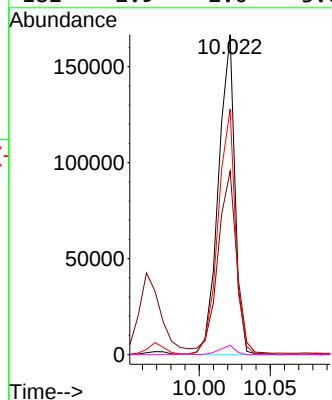
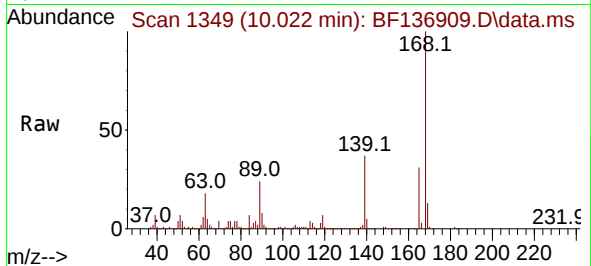




#57
2,4-Dinitrotoluene
Concen: 36.521 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

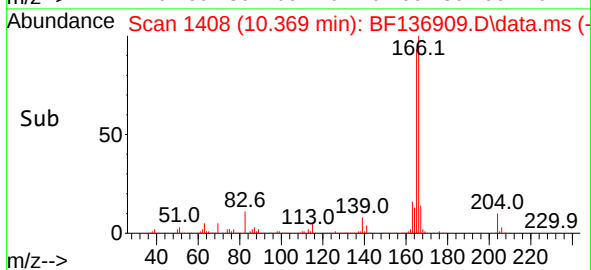
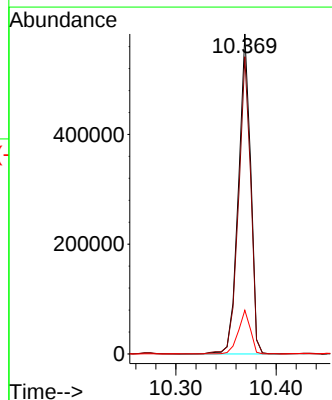
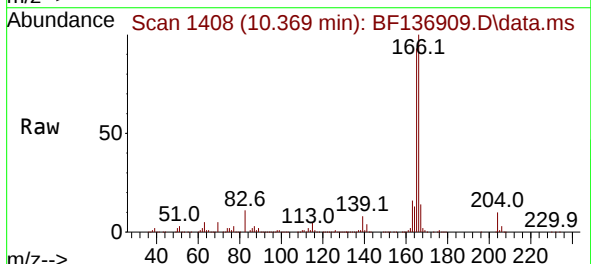
Instrument :
BNA_F
ClientSampleId :
T-402MSD

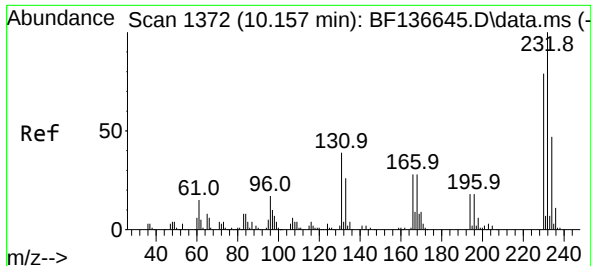
Tgt Ion:165 Resp: 133631
Ion Ratio Lower Upper
165 100
63 57.4 41.0 61.6
89 76.8 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.926 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:166 Resp: 493518
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 13.7 10.4 15.6

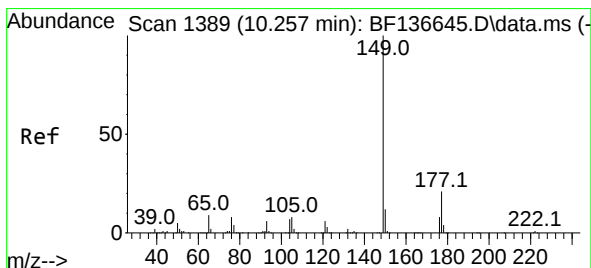
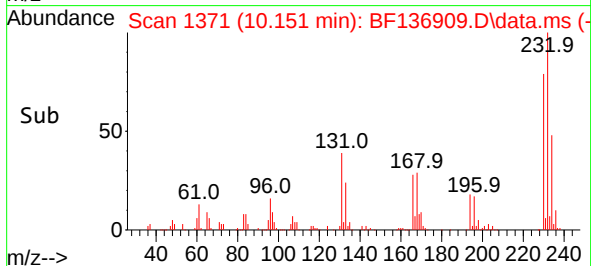
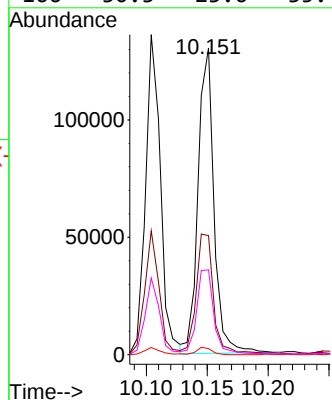
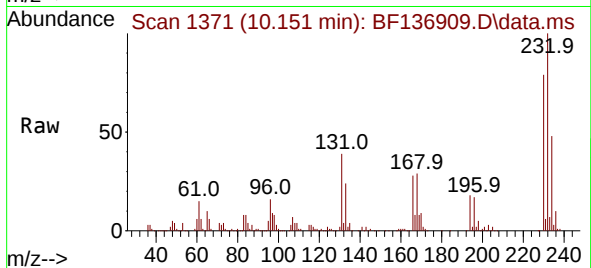




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.753 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

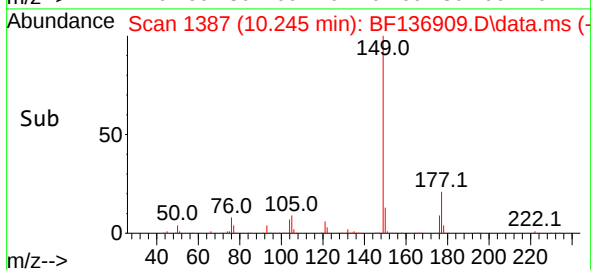
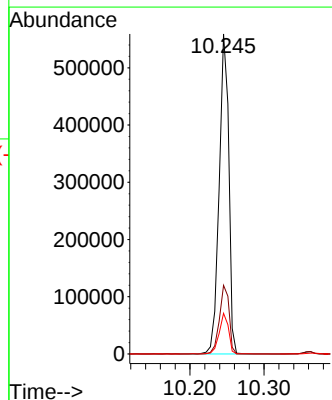
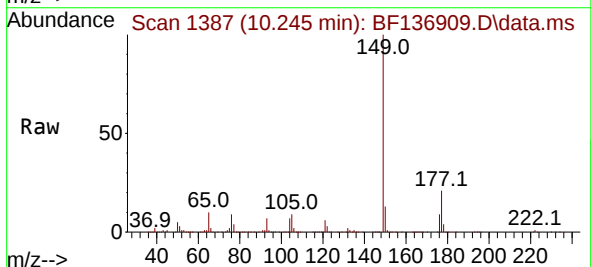
Instrument :
BNA_F
ClientSampleId :
T-402MSD

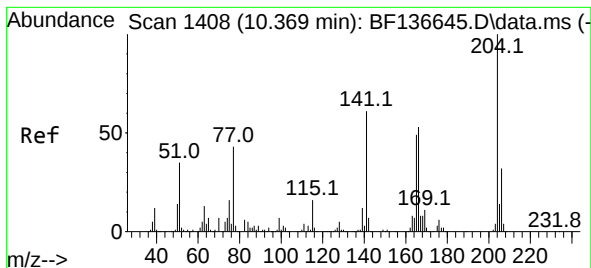
Tgt Ion:232 Resp: 118051
Ion Ratio Lower Upper
232 100
131 43.8 35.1 52.7
130 2.3 1.6 2.4
166 30.3 23.6 35.4



#60
Diethylphthalate
Concen: 38.984 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:149 Resp: 502334
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.7 9.3 13.9

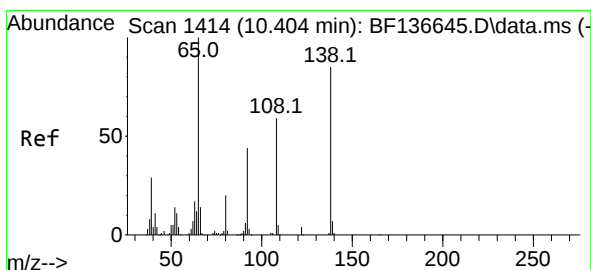
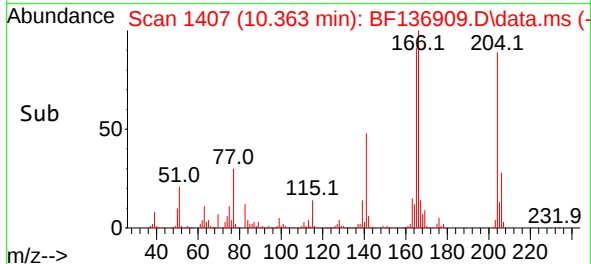
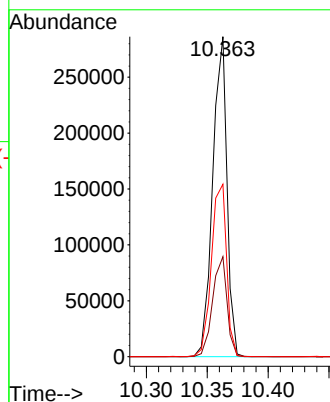
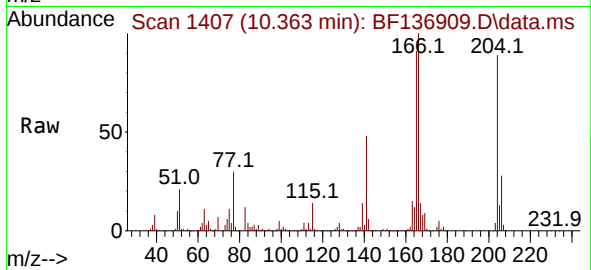




#61
4-Chlorophenyl-phenylether
Concen: 38.558 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

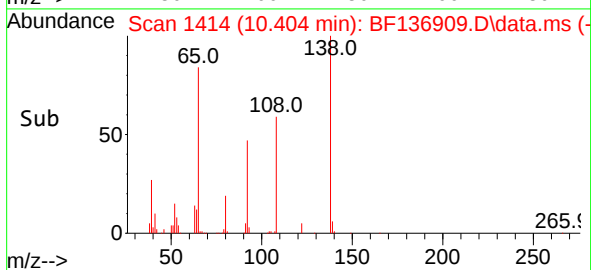
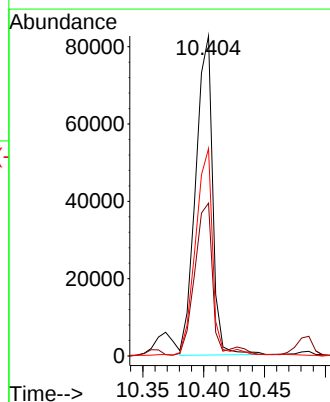
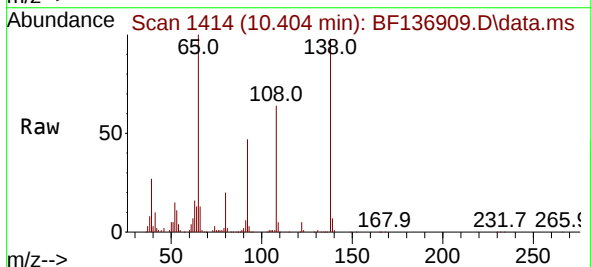
Instrument :
BNA_F
ClientSampleId :
T-402MSD

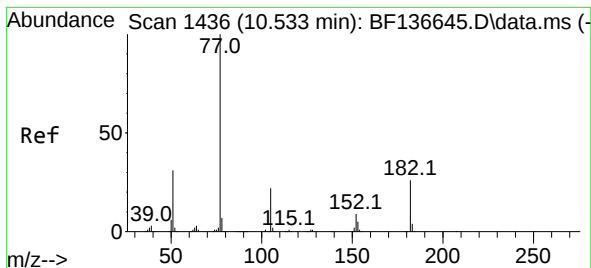
Tgt Ion:204 Resp: 231663
Ion Ratio Lower Upper
204 100
206 31.2 25.6 38.4
141 53.9 48.4 72.6



#62
4-Nitroaniline
Concen: 27.817 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:138 Resp: 80064
Ion Ratio Lower Upper
138 100
92 47.7 32.1 72.1
108 64.8 50.1 90.1





#63

Azobenzene

Concen: 36.900 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

Tgt Ion: 77 Resp: 444100

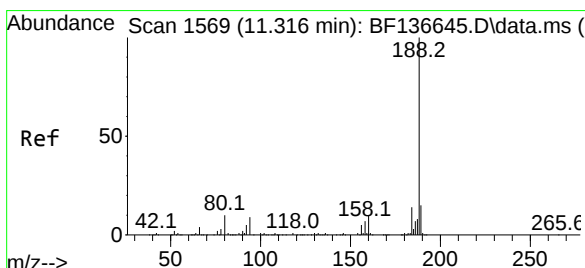
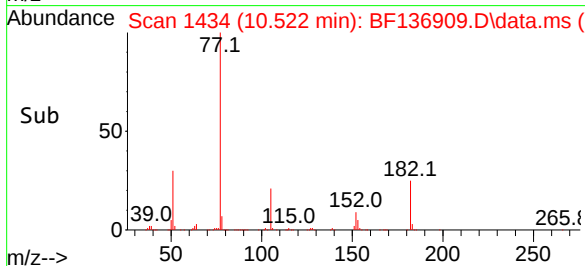
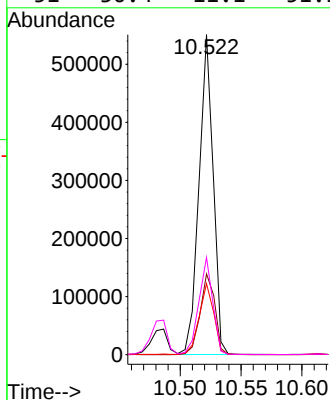
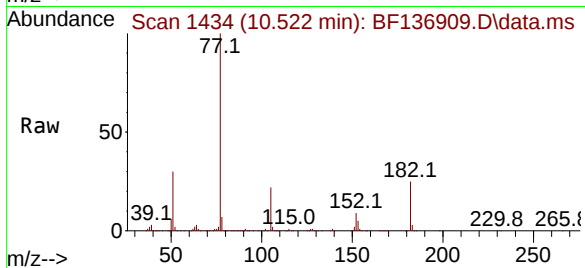
Ion Ratio Lower Upper

77 100

182 25.3 6.0 46.0

105 22.2 2.3 42.3

51 30.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

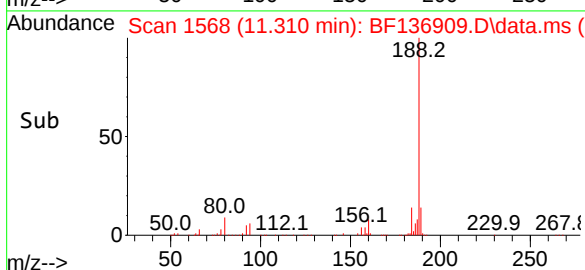
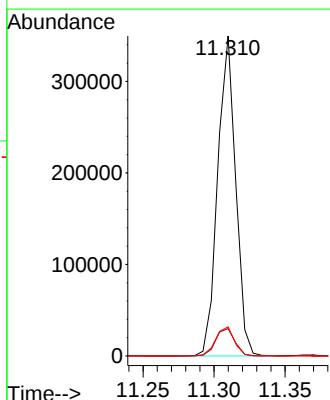
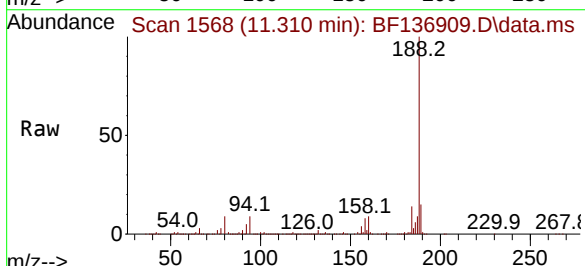
Tgt Ion: 188 Resp: 307228

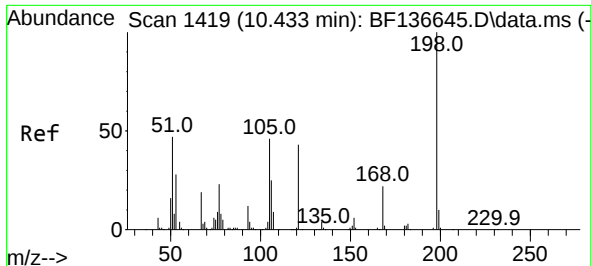
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 9.1 8.1 12.1

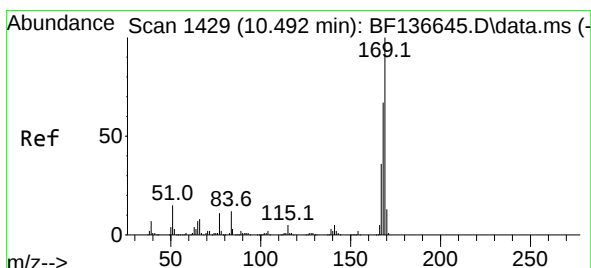
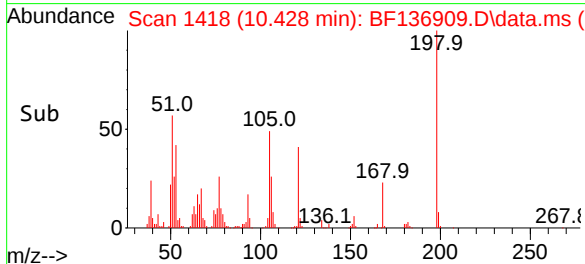
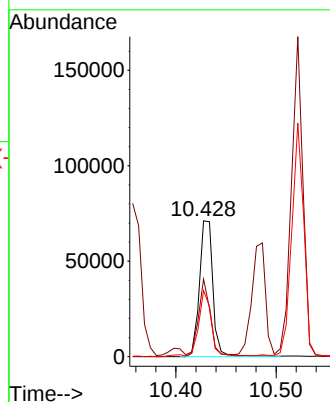
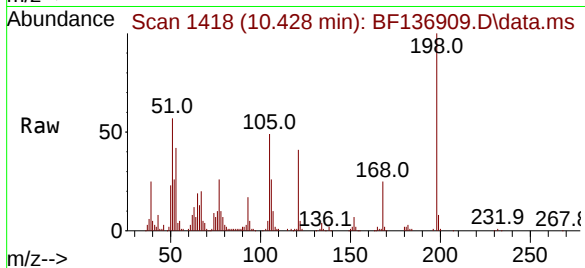




#65
4,6-Dinitro-2-methylphenol
Concen: 38.103 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

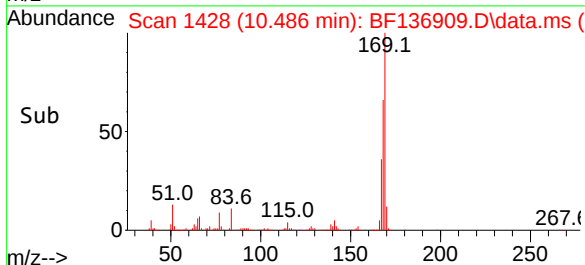
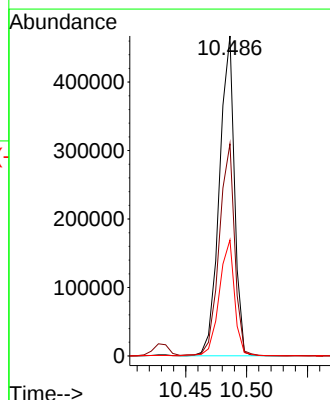
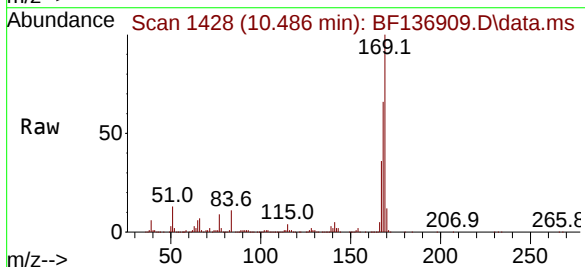
Instrument :
BNA_F
ClientSampleId :
T-402MSD

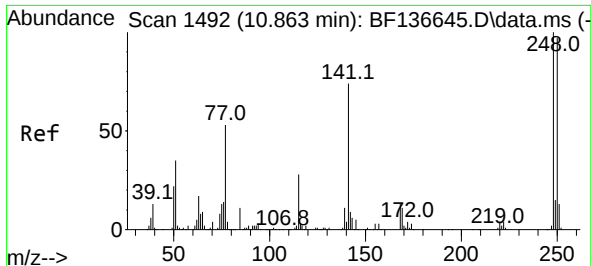
Tgt Ion:198 Resp: 67088
Ion Ratio Lower Upper
198 100
51 57.1 34.1 74.1
105 48.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.348 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:169 Resp: 402681
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.2 28.7 43.1

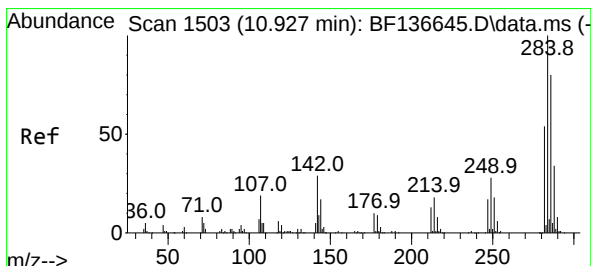
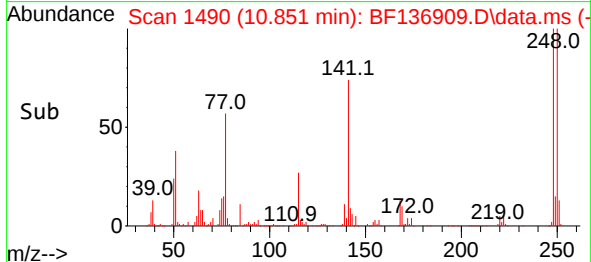
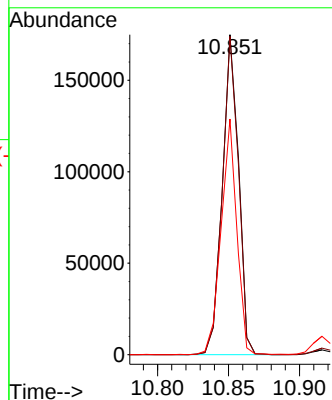
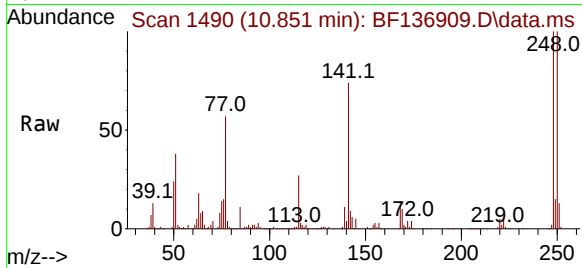




#67
4-Bromophenyl-phenylether
Concen: 40.624 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

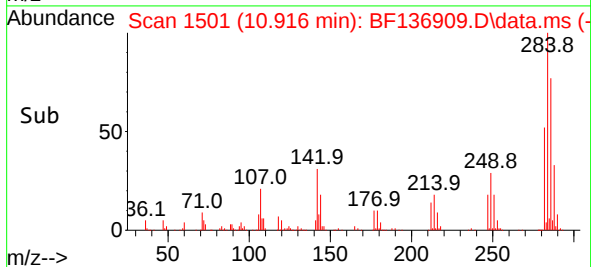
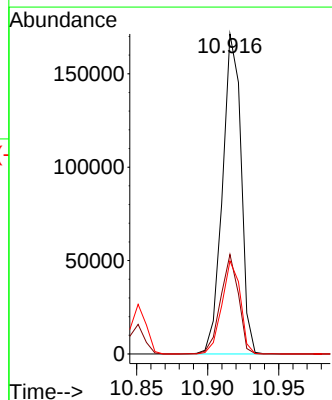
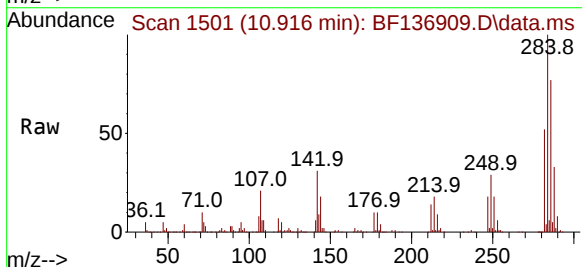
Instrument :
BNA_F
ClientSampleId :
T-402MSD

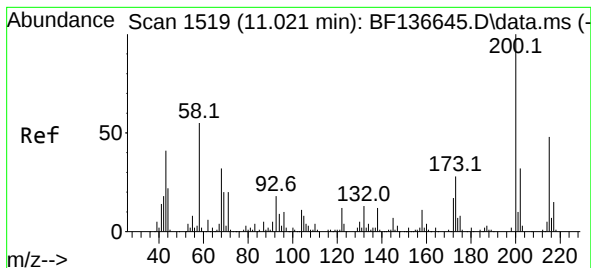
Tgt Ion:248 Resp: 138610
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 73.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.829 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:284 Resp: 155248
Ion Ratio Lower Upper
284 100
142 31.1 23.4 35.0
249 29.0 22.3 33.5





#69

Atrazine

Concen: 34.588 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

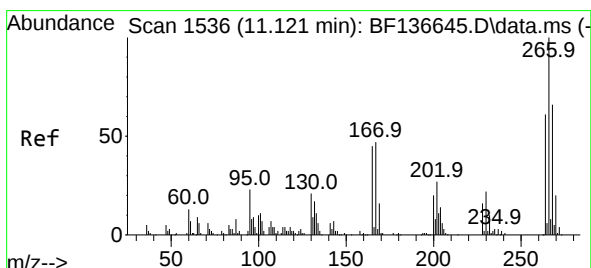
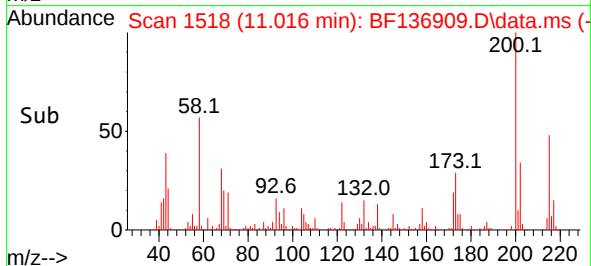
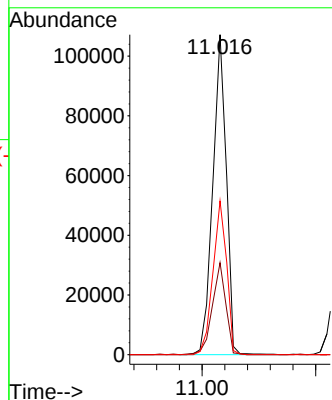
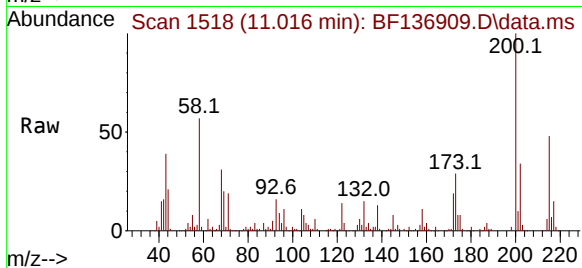
Tgt Ion:200 Resp: 88291

Ion Ratio Lower Upper

200 100

173 28.8 7.6 47.6

215 48.0 28.3 68.3



#70

Pentachlorophenol

Concen: 84.002 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

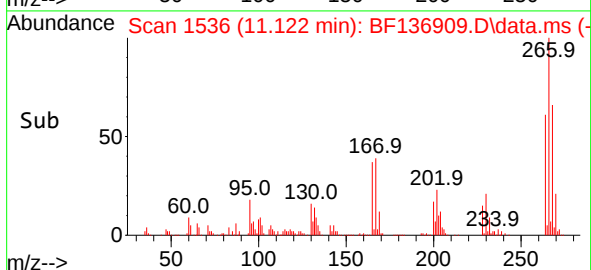
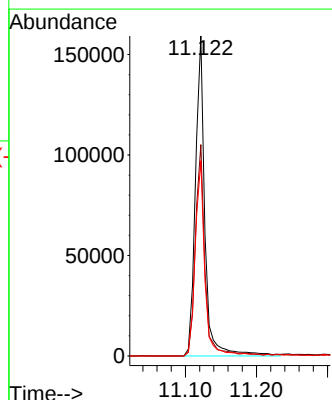
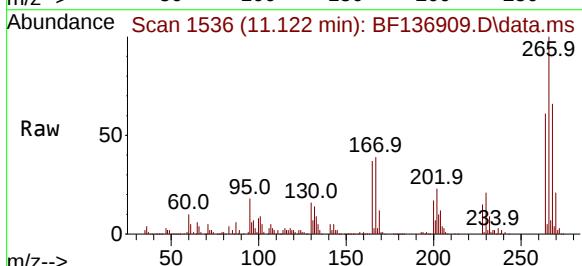
Tgt Ion:266 Resp: 148879

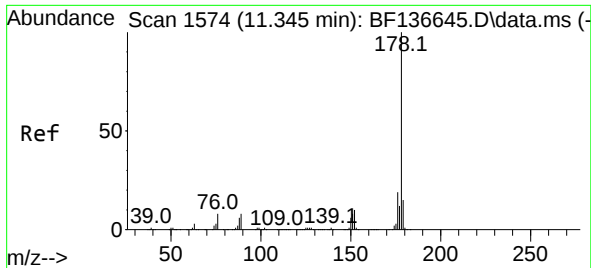
Ion Ratio Lower Upper

266 100

268 66.1 52.6 78.8

264 61.0 49.0 73.4

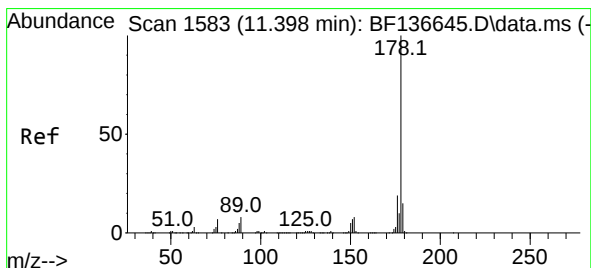
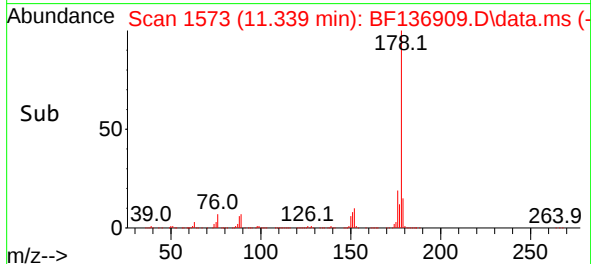
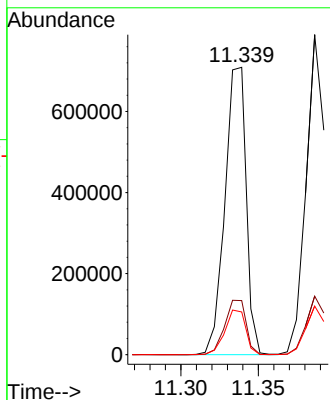
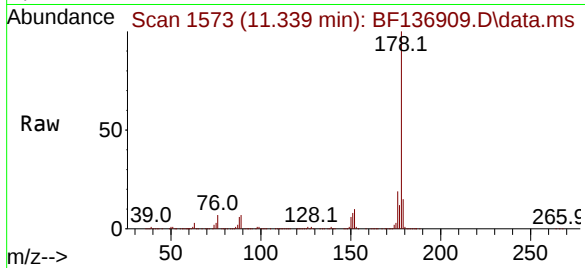




#71
Phenanthrene
Concen: 43.065 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

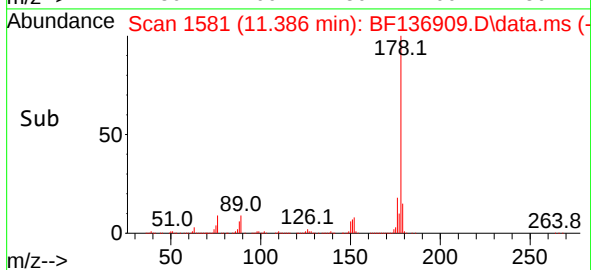
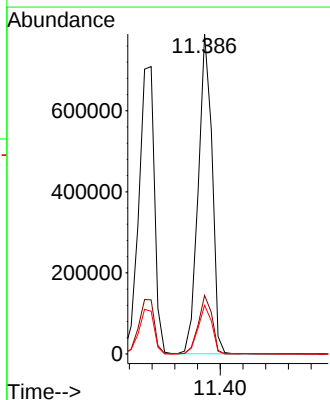
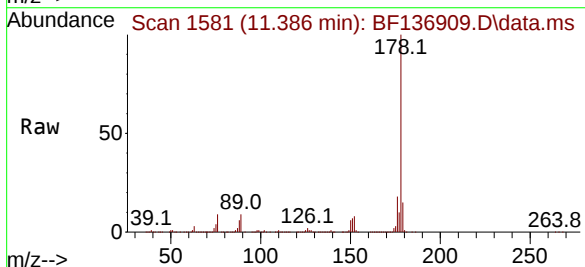
Instrument :
BNA_F
ClientSampleId :
T-402MSD

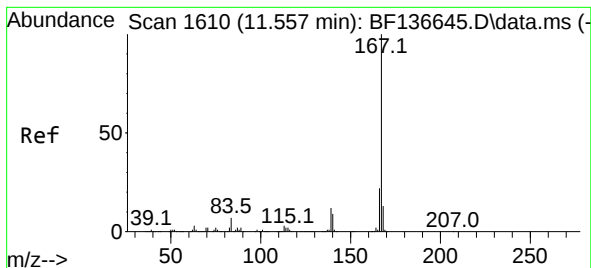
Tgt Ion:178 Resp: 678880
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.9 11.9 17.9



#72
Anthracene
Concen: 41.625 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:178 Resp: 664537
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 36.802 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

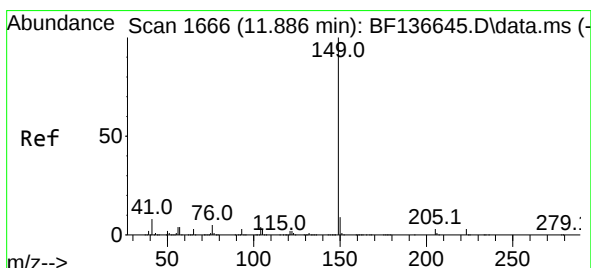
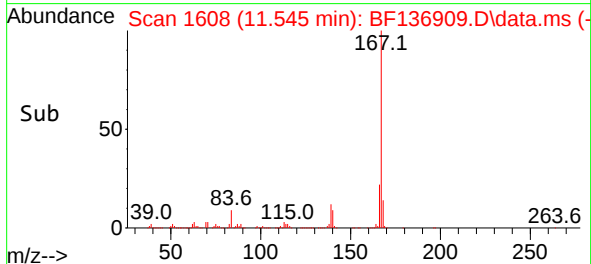
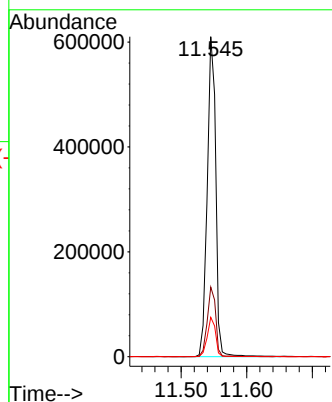
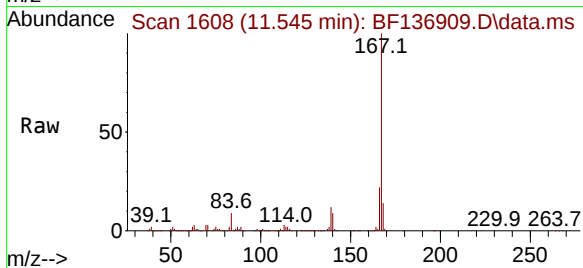
Tgt Ion:167 Resp: 553941

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 43.253 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

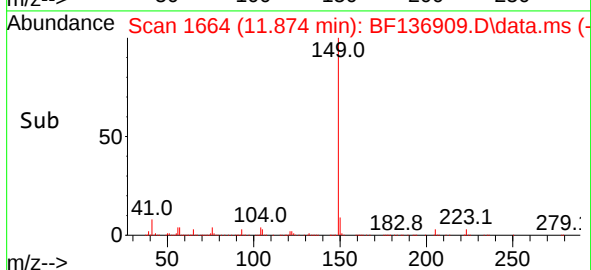
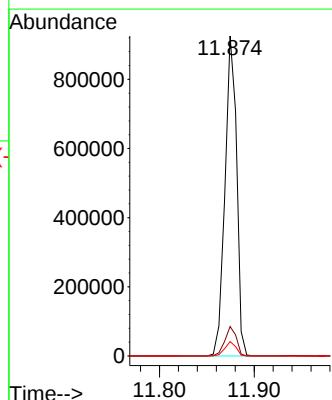
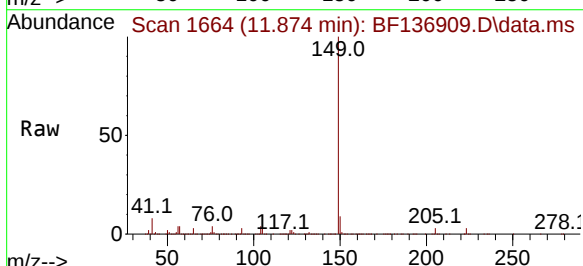
Tgt Ion:149 Resp: 794417

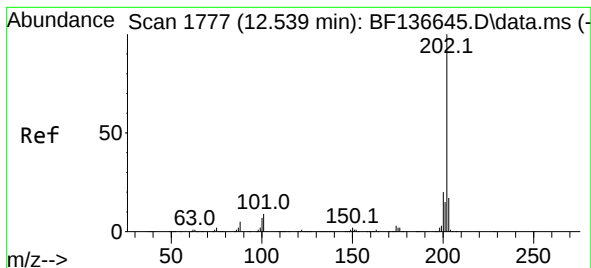
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 37.675 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.012 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

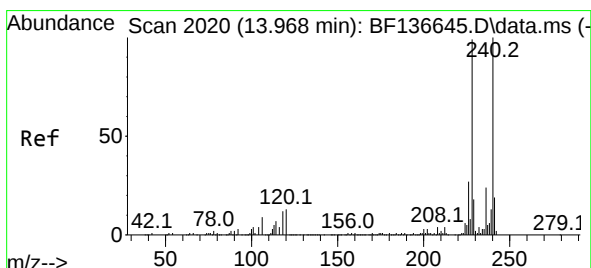
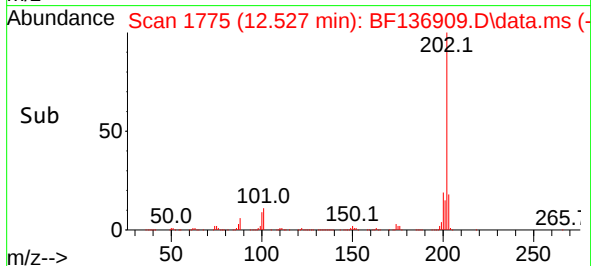
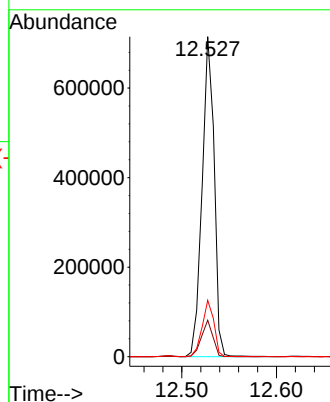
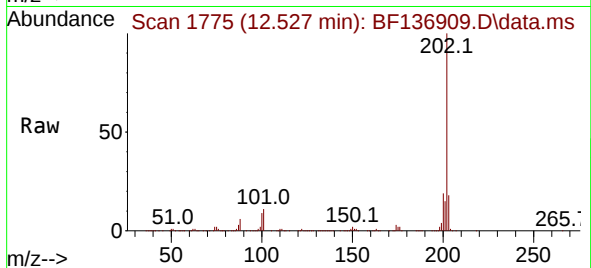
Tgt Ion:202 Resp: 635288

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

203 17.6 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: BF136909.D

Acq: 03 Jan 2024 15:55

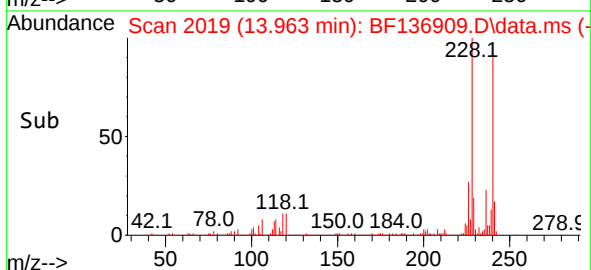
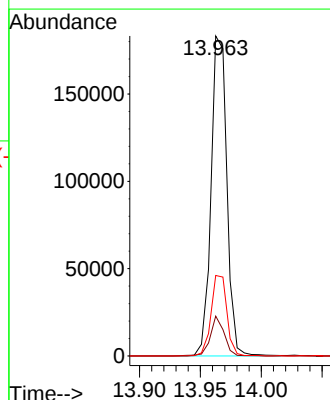
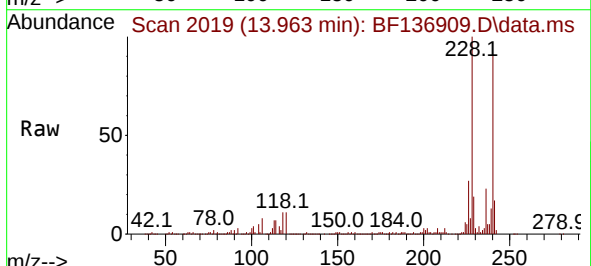
Tgt Ion:240 Resp: 165232

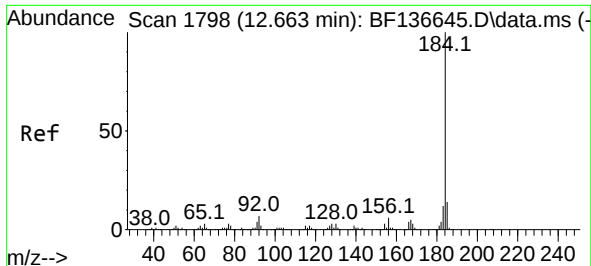
Ion Ratio Lower Upper

240 100

120 12.4 10.3 15.5

236 25.2 19.4 29.2

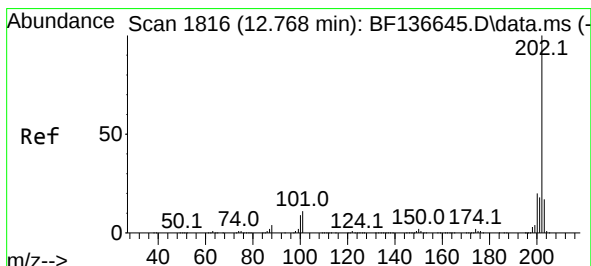
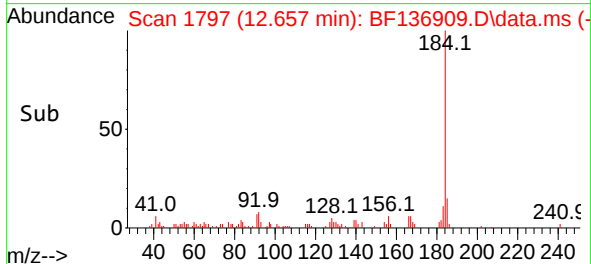
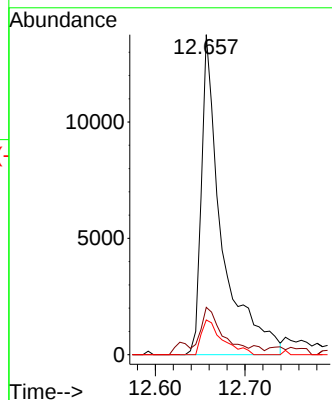
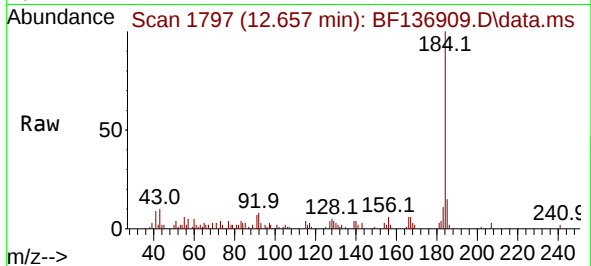




#77
Benzidine
Concen: 4.451 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

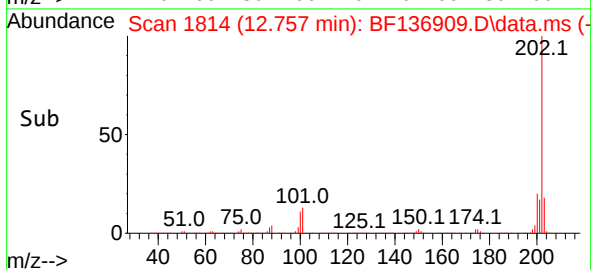
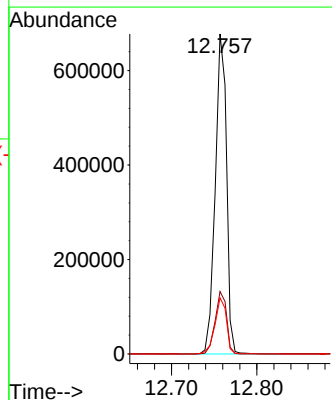
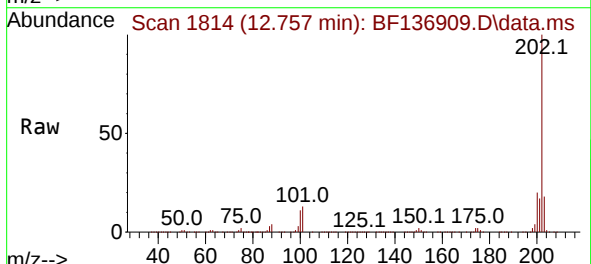
Instrument :
BNA_F
ClientSampleId :
T-402MSD

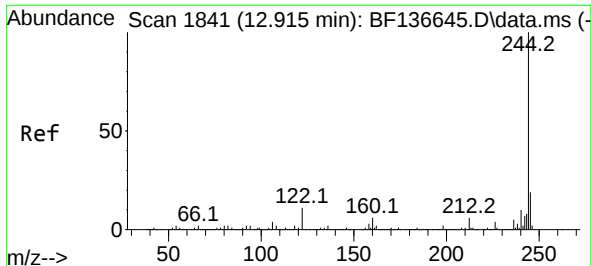
Tgt Ion:184 Resp: 21687
Ion Ratio Lower Upper
184 100
185 14.8 11.2 16.8
183 10.8 9.3 13.9



#78
Pyrene
Concen: 38.413 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:202 Resp: 623063
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.6 13.8 20.6

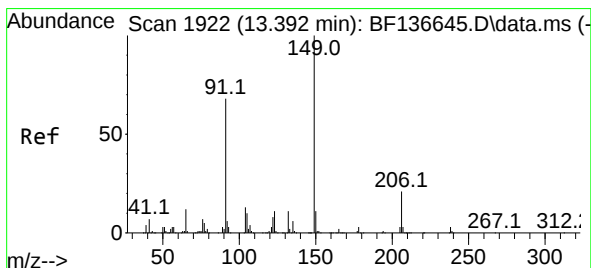
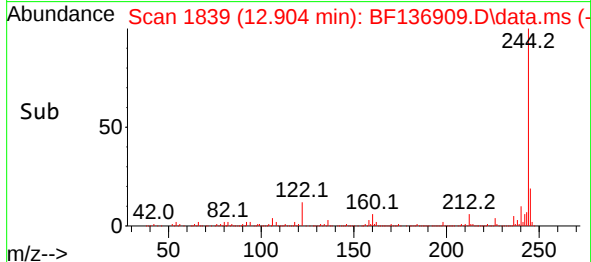
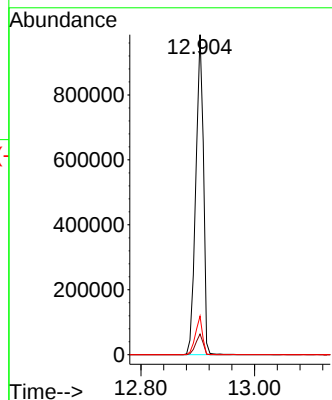
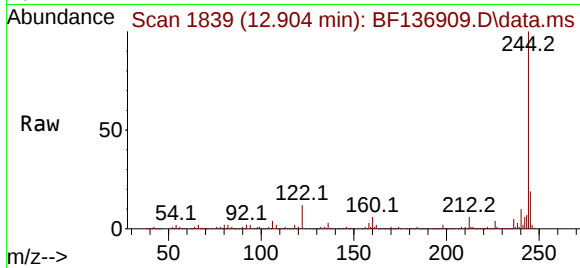




#79
 Terphenyl-d14
 Concen: 78.424 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

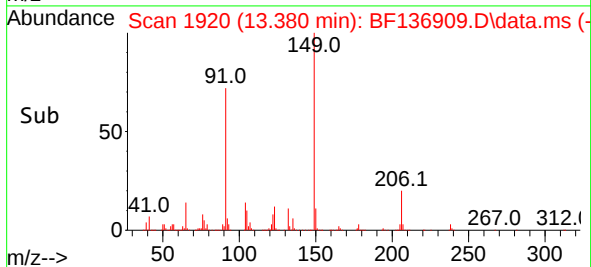
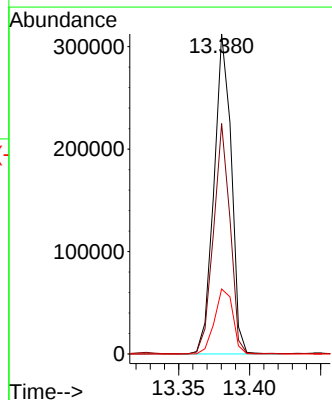
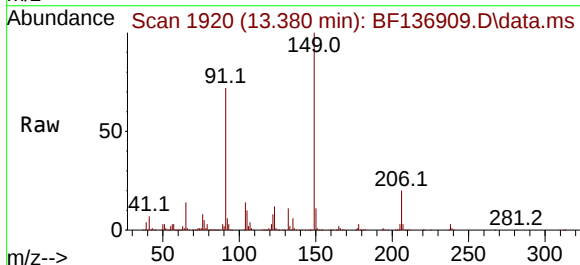
Instrument :
 BNA_F
 ClientSampleId :
 T-402MSD

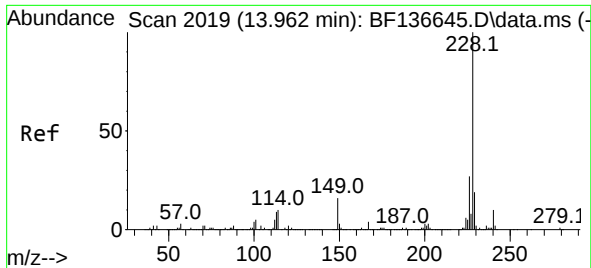
Tgt Ion:244 Resp: 927264
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.080 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136909.D
 Acq: 03 Jan 2024 15:55

Tgt Ion:149 Resp: 266064
 Ion Ratio Lower Upper
 149 100
 91 72.0 54.1 81.1
 206 20.3 17.1 25.7

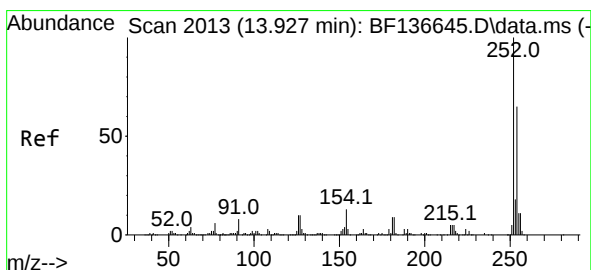
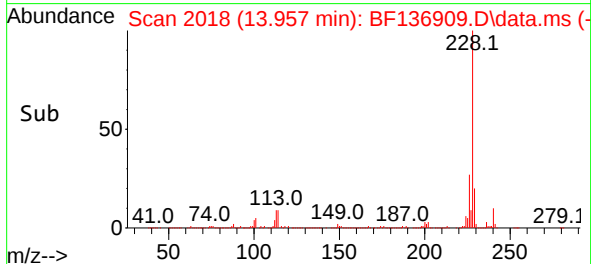
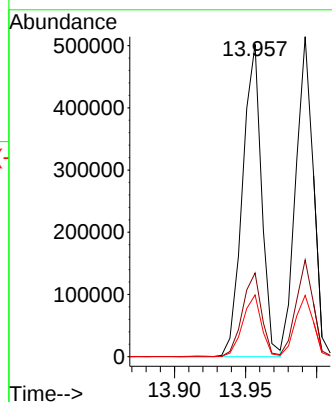
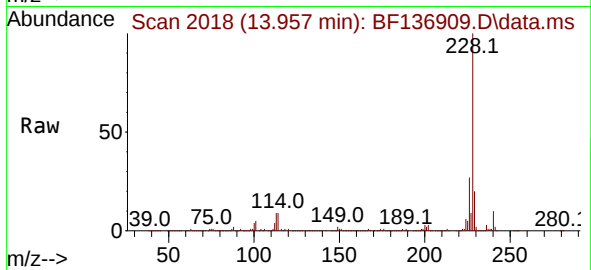




#81
Benzo(a)anthracene
Concen: 40.885 ng
RT: 13.957 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

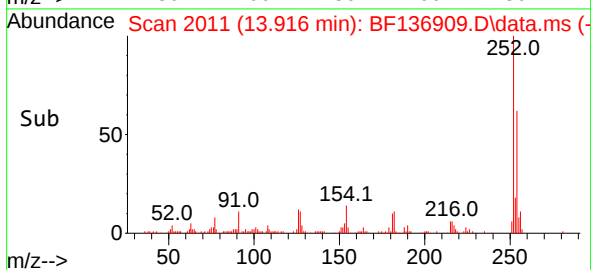
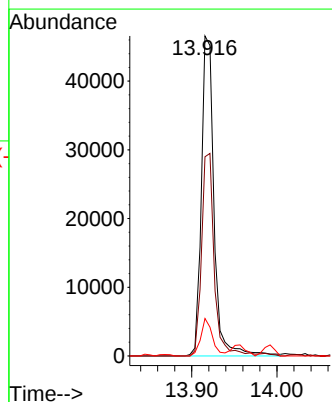
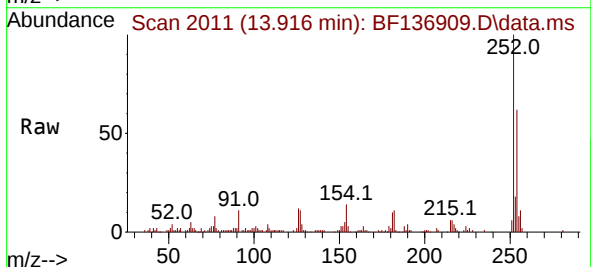
Instrument :
BNA_F
ClientSampleId :
T-402MSD

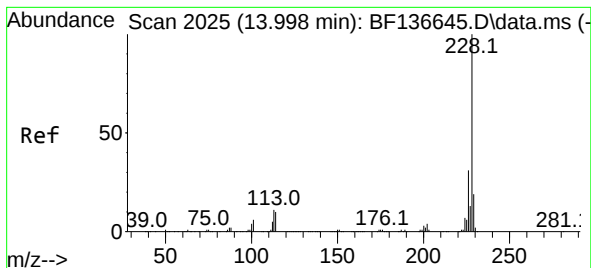
Tgt Ion:228 Resp: 469092
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.8 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 14.789 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:252 Resp: 48187
Ion Ratio Lower Upper
252 100
254 62.2 52.2 78.4
126 11.7 8.0 12.0





#83

Chrysene

Concen: 39.364 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

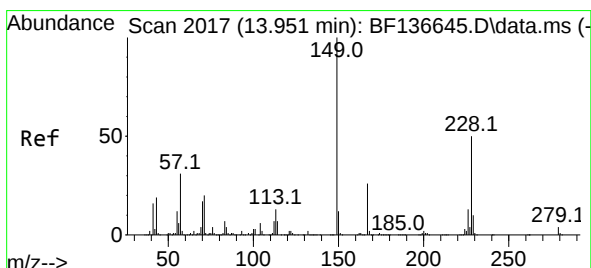
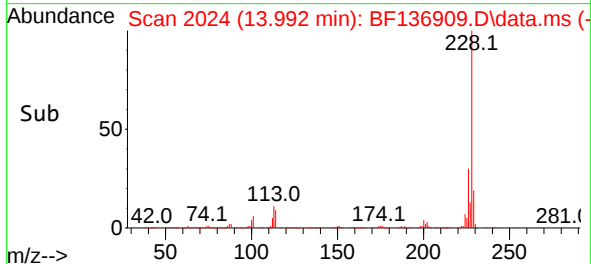
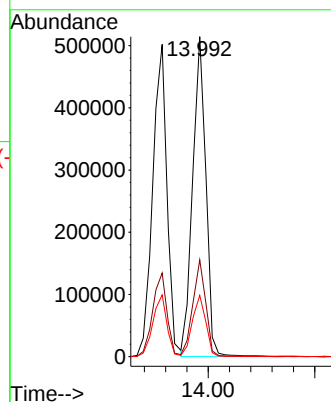
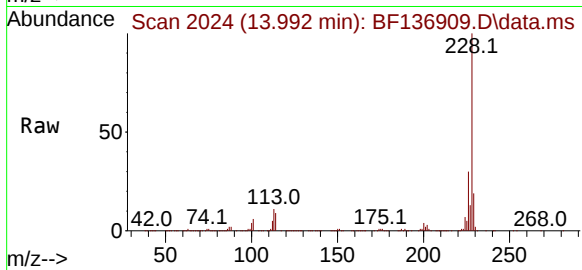
Tgt Ion:228 Resp: 441659

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.448 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

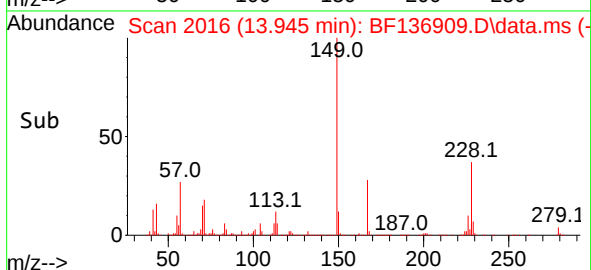
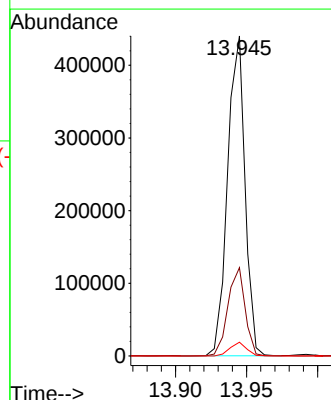
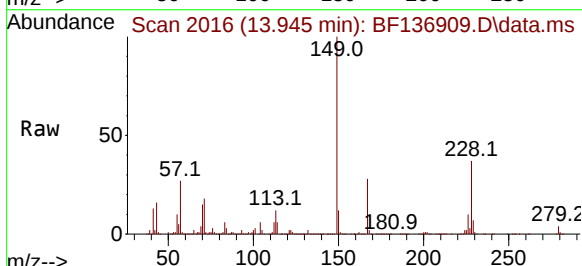
Tgt Ion:149 Resp: 374622

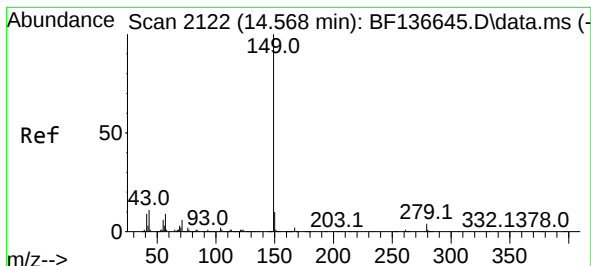
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 53.149 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

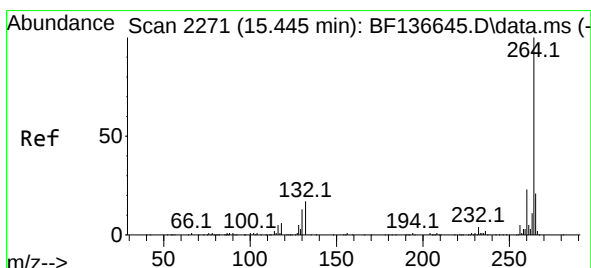
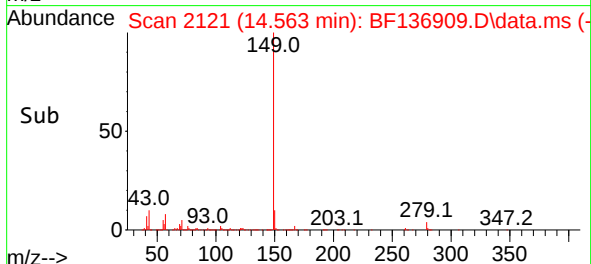
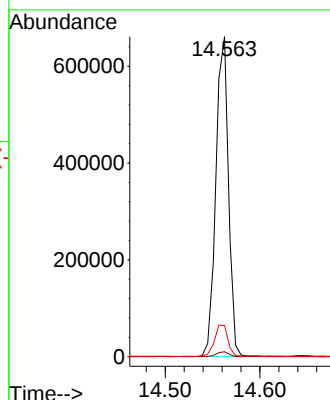
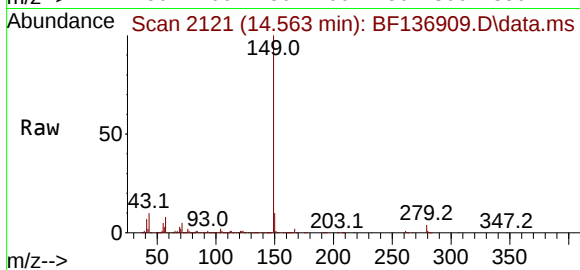
Tgt Ion:149 Resp: 610517

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

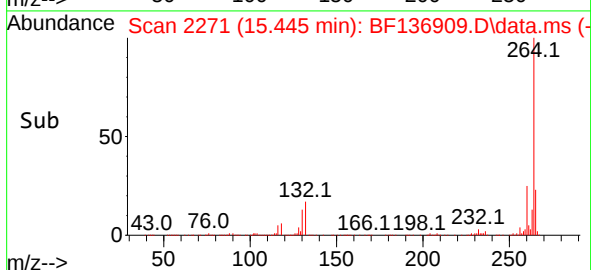
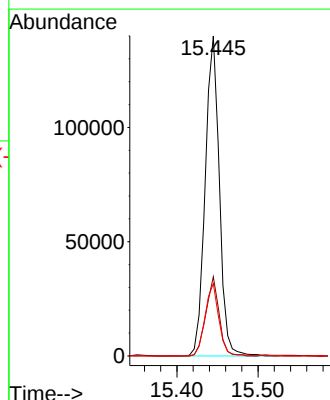
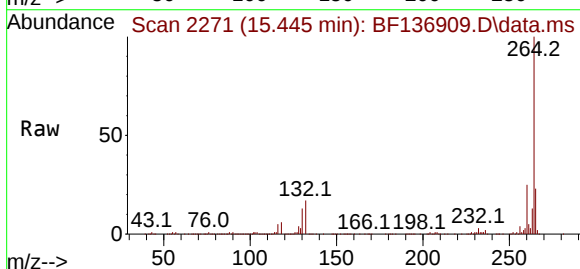
Tgt Ion:264 Resp: 169345

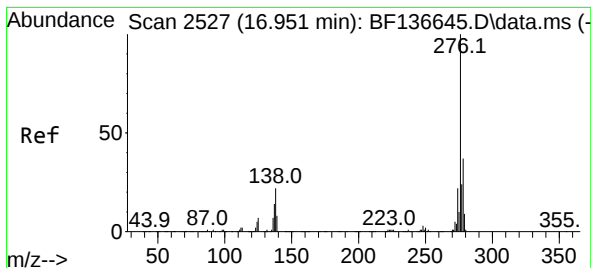
Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 22.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.166 ng

RT: 16.956 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

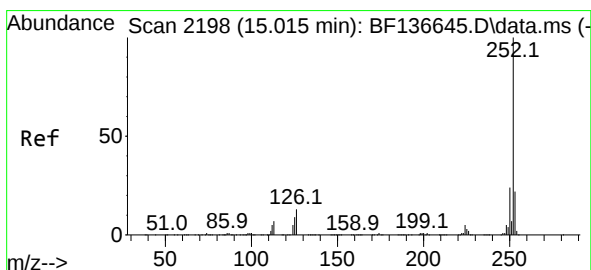
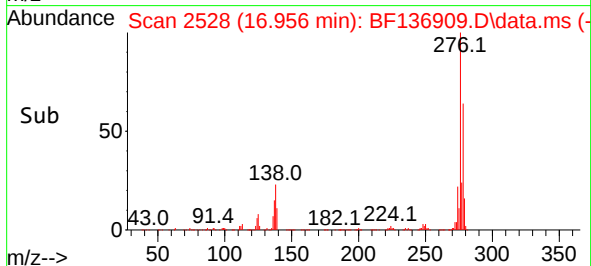
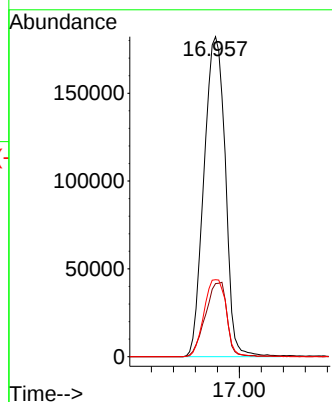
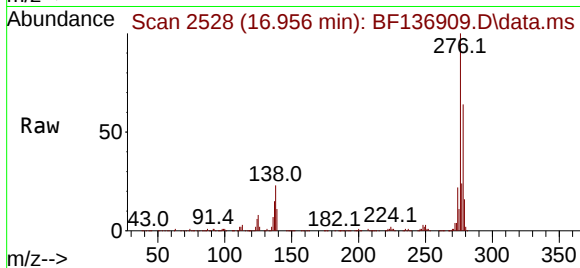
Tgt Ion:276 Resp: 491102

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.664 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

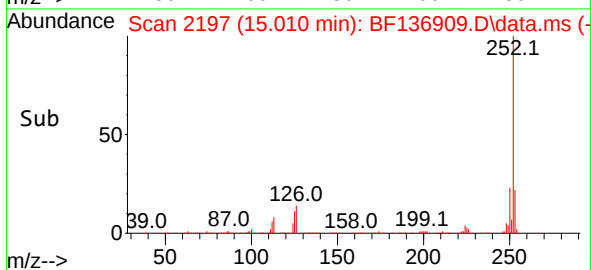
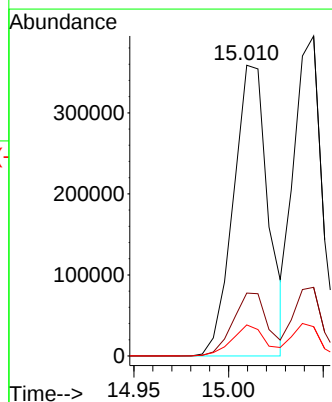
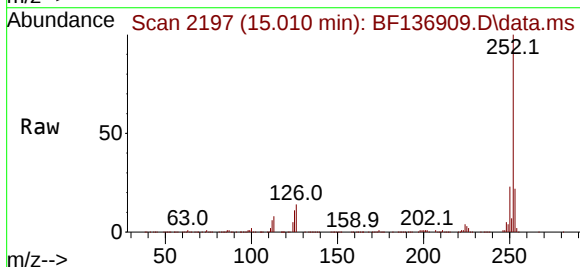
Tgt Ion:252 Resp: 459941

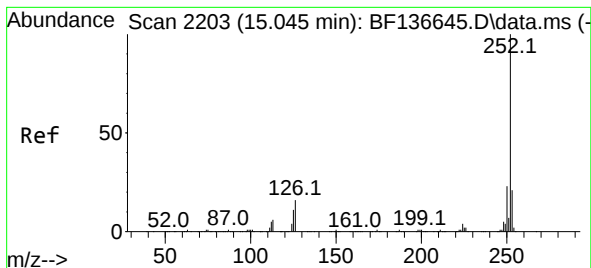
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.998 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

Instrument :

BNA_F

ClientSampleId :

T-402MSD

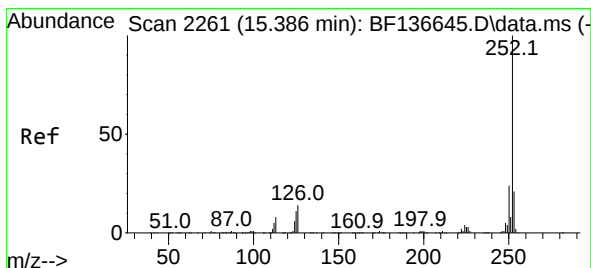
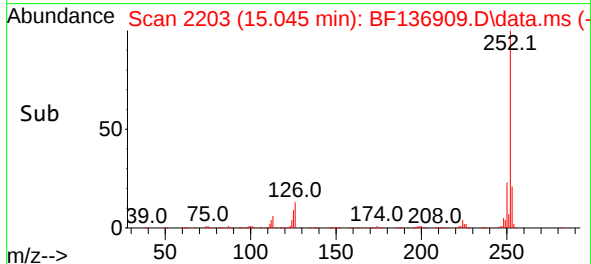
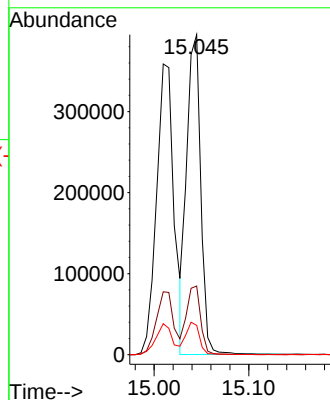
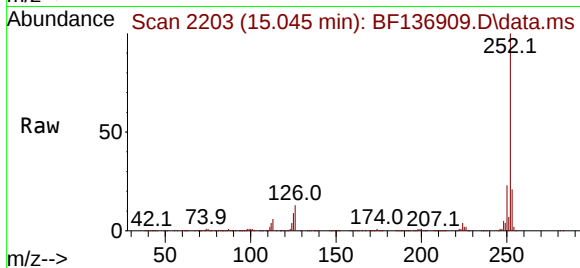
Tgt Ion:252 Resp: 406110

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 9.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.872 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136909.D

Acq: 03 Jan 2024 15:55

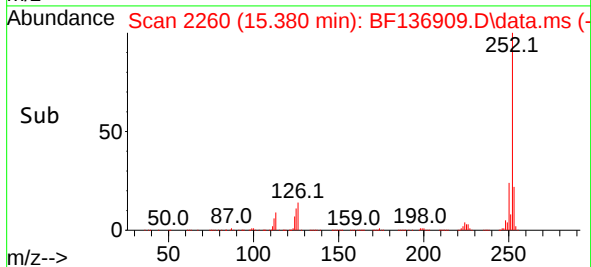
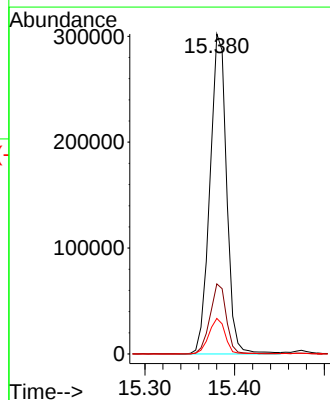
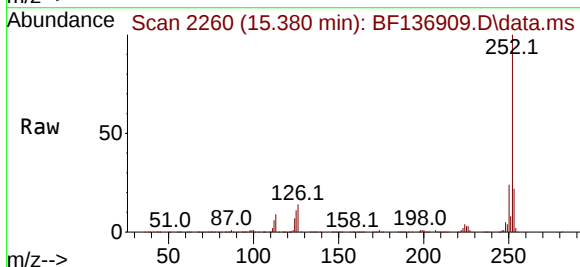
Tgt Ion:252 Resp: 390221

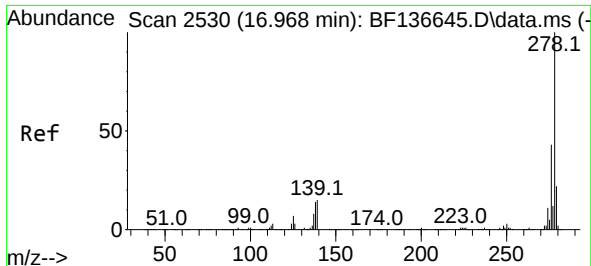
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.1 8.8 13.2

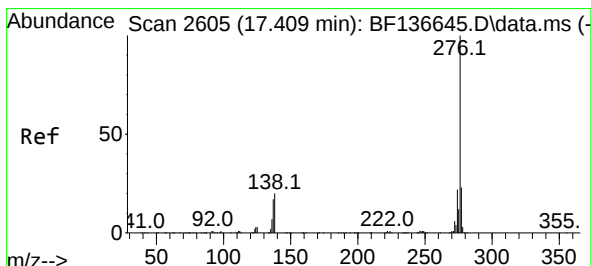
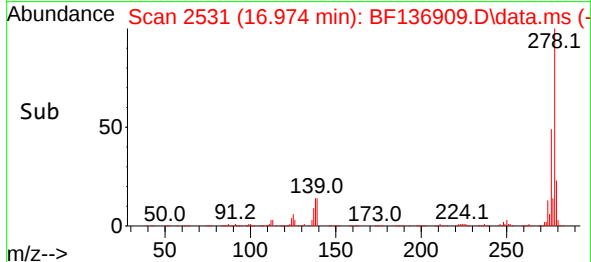
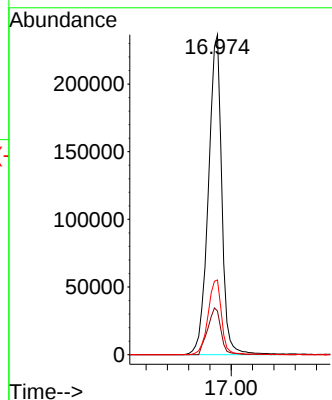
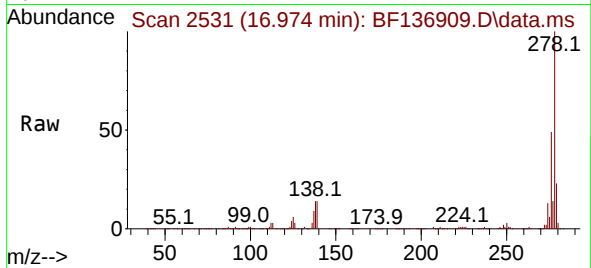




#91
Dibenzo(a,h)anthracene
Concen: 41.113 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Instrument :
BNA_F
ClientSampleId :
T-402MSD

Tgt Ion:278 Resp: 412405
Ion Ratio Lower Upper
278 100
139 13.7 12.2 18.4
279 23.4 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 36.679 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136909.D
Acq: 03 Jan 2024 15:55

Tgt Ion:276 Resp: 376839
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 21.2 15.6 23.4

