

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138432.D
 Acq On : 02 Jul 2024 17:41
 Operator : CG\JU
 Sample : P3120-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627MS

Quant Time: Jul 02 18:37:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171272	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	646778	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	308345	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	426498	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	285448	20.000	ng	0.00
86) Perylene-d12	15.492	264	231599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1171238	113.378	ng	0.02
7) Phenol-d6	6.516	99	1443659	103.741	ng	0.00
23) Nitrobenzene-d5	7.440	82	1074048	86.265	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282457	112.121	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1645299	84.919	ng	0.00
79) Terphenyl-d14	12.974	244	1261859	60.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	204287	41.984	ng	# 85
3) Pyridine	3.493	79	314344	27.079	ng	97
4) n-Nitrosodimethylamine	3.457	42	349181	48.216	ng	97
6) Aniline	6.540	93	153968	11.338	ng	99
8) 2-Chlorophenol	6.663	128	517263	46.643	ng	97
9) Benzaldehyde	6.422	77	63266	7.366	ng	99
10) Phenol	6.528	94	583752	39.373	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	555215	47.681	ng	99
12) 1,3-Dichlorobenzene	6.816	146	548563	43.194	ng	98
13) 1,4-Dichlorobenzene	6.893	146	557229	43.759	ng	98
14) 1,2-Dichlorobenzene	7.045	146	530559	45.132	ng	97
15) Benzyl Alcohol	7.016	79	437719	43.915	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1083845	46.147	ng	97
17) 2-Methylphenol	7.134	107	393500	42.814	ng	98
18) Hexachloroethane	7.387	117	201963	43.971	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	387372	44.156	ng	95
20) 3+4-Methylphenols	7.287	107	458063	42.893	ng	97
22) Acetophenone	7.287	105	639937	43.613	ng	# 95
24) Nitrobenzene	7.457	77	617052	48.727	ng	100
25) Isophorone	7.698	82	1059849	46.166	ng	99
26) 2-Nitrophenol	7.775	139	274254	50.209	ng	95
27) 2,4-Dimethylphenol	7.810	122	344615	49.296	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	629555	45.559	ng	98
29) 2,4-Dichlorophenol	8.016	162	398903	44.427	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	456064	43.685	ng	100
31) Naphthalene	8.181	128	1477373	45.184	ng	100
32) Benzoic acid	7.928	122	214578	34.813	ng	96
33) 4-Chloroaniline	8.228	127	31375	2.748	ng	97
34) Hexachlorobutadiene	8.292	225	260167	41.508	ng	99
35) Caprolactam	8.592	113	65208	22.999	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	413770	43.264	ng	97
37) 2-Methylnaphthalene	8.869	142	916042	43.349	ng	99
38) 1-Methylnaphthalene	8.969	142	845731	41.268	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	376604	44.156	ng	99
41) Hexachlorocyclopentadiene	9.022	237	322989	128.656	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	261947	48.267	ng	99

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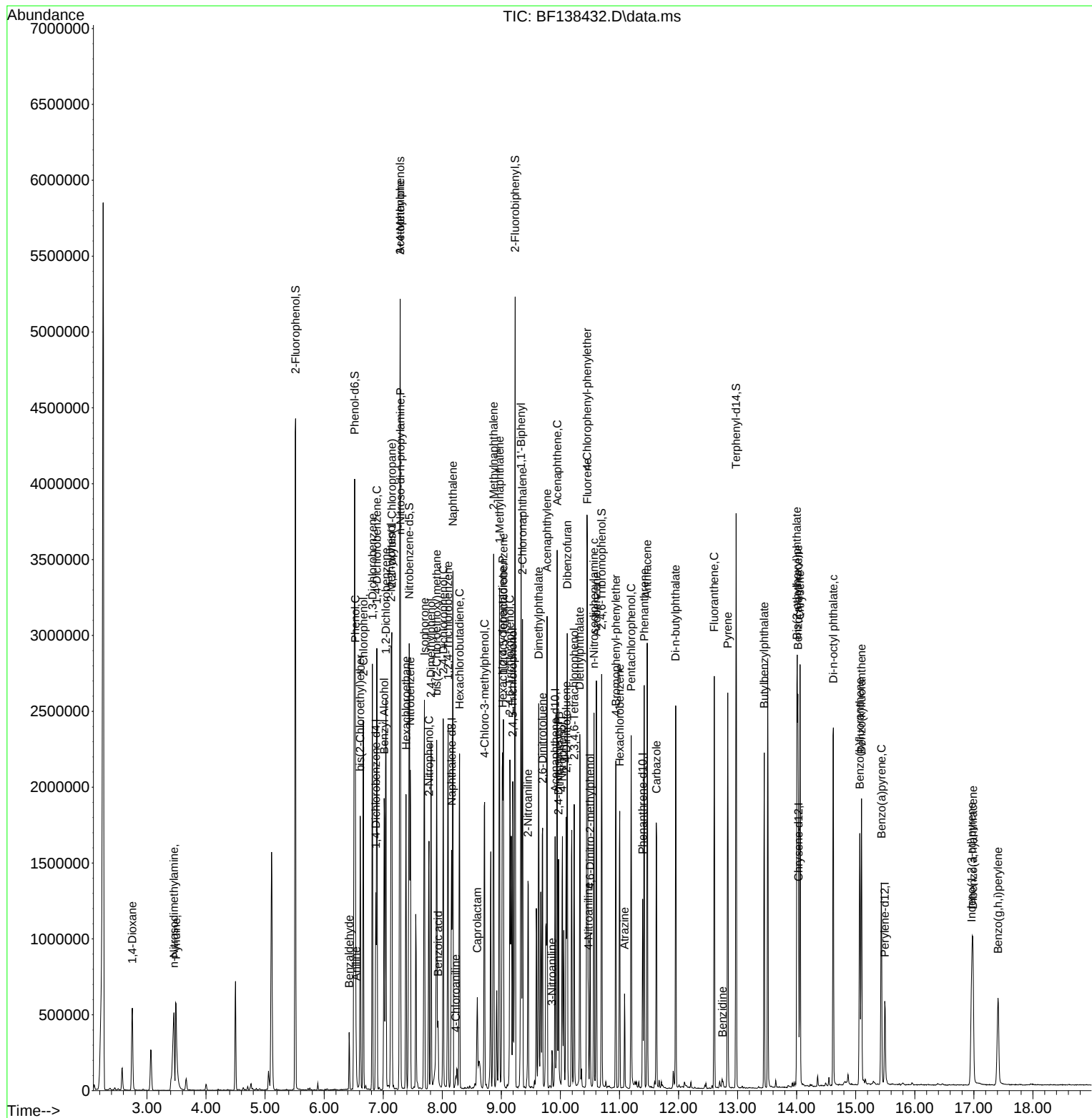
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	264710	44.850	ng	95
46) 1,1'-Biphenyl	9.334	154	1039403	45.146	ng	99
47) 2-Chloronaphthalene	9.357	162	819014	46.657	ng	98
48) 2-Nitroaniline	9.451	65	246544	43.541	ng	95
49) Acenaphthylene	9.775	152	1236120	50.071	ng	100
50) Dimethylphthalate	9.634	163	963047	48.597	ng	100
51) 2,6-Dinitrotoluene	9.698	165	209375	47.175	ng	89
52) Acenaphthene	9.945	154	760645	44.997	ng	99
53) 3-Nitroaniline	9.857	138	35486	8.096	ng	92
54) 2,4-Dinitrophenol	9.969	184	163507	86.307	ng	97
55) Dibenzofuran	10.116	168	1074227	46.122	ng	99
56) 4-Nitrophenol	10.034	139	235913	83.007	ng	95
57) 2,4-Dinitrotoluene	10.098	165	255167	46.694	ng	95
58) Fluorene	10.457	166	784405	42.385	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	202110	46.103	ng	100
60) Diethylphthalate	10.328	149	850882	45.925	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	395974	42.170	ng	96
62) 4-Nitroaniline	10.475	138	97506	24.235	ng	95
63) Azobenzene	10.610	77	870419	44.484	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	120914	52.350	ng	92
66) n-Nitrosodiphenylamine	10.569	169	518423	39.154	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	226071	49.314	ng	93
68) Hexachlorobenzene	11.004	284	231662	45.848	ng	95
69) Atrazine	11.086	200	58258	15.693	ng	98
70) Pentachlorophenol	11.198	266	250366	97.626	ng	97
71) Phenanthrene	11.422	178	1024710	49.209	ng	99
72) Anthracene	11.469	178	1035549	49.866	ng	100
73) Carbazole	11.628	167	701390	40.682	ng	98
74) Di-n-butylphthalate	11.951	149	1098372	50.271	ng	99
75) Fluoranthene	12.604	202	983909	52.704	ng	97
77) Benzidine	12.745	184	6830	2.992	ng	# 89
78) Pyrene	12.833	202	1018940	33.398	ng	100
80) Butylbenzylphthalate	13.451	149	426585	45.950	ng	100
81) Benzo(a)anthracene	14.021	228	905578	49.289	ng	99
83) Chrysene	14.057	228	883370	49.411	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	595377	51.139	ng	98
85) Di-n-octyl phthalate	14.621	149	1081153	53.054	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	625276	53.732	ng	98
88) Benzo(b)fluoranthene	15.068	252	747146	58.798	ng	97
89) Benzo(k)fluoranthene	15.098	252	764435	65.314	ng	99
90) Benzo(a)pyrene	15.433	252	629606	56.529	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	517988	55.145	ng	98
92) Benzo(g,h,i)perylene	17.409	276	460897	50.157	ng	97

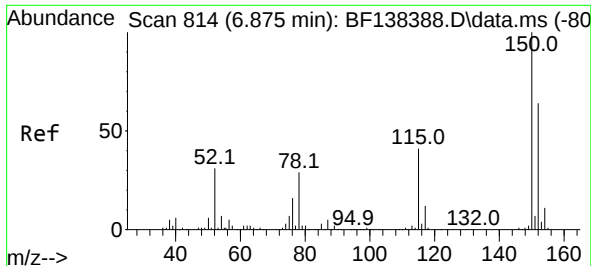
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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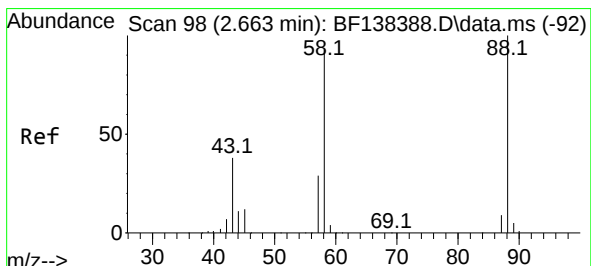
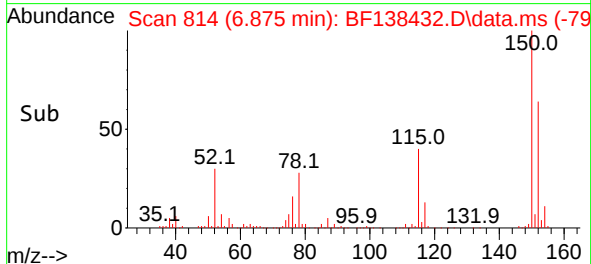
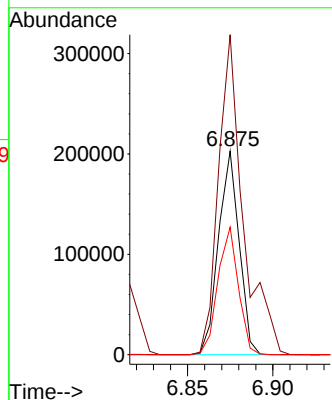
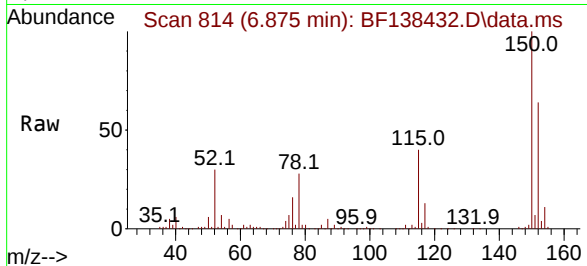




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138432.D
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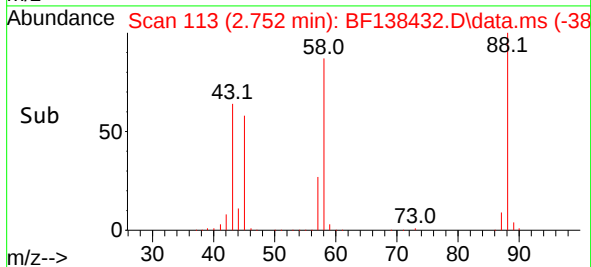
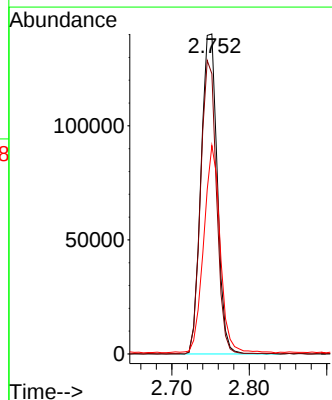
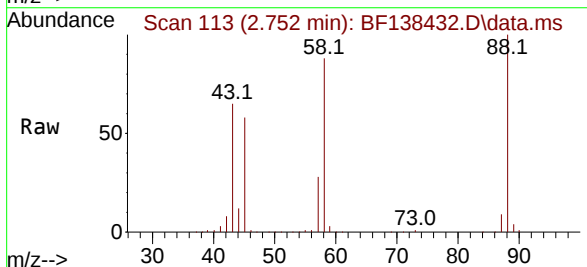
Instrument :
 BNA_F
 ClientSampleId :
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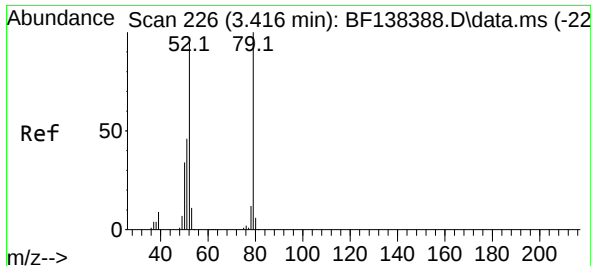
Tgt Ion:152 Resp: 171272
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 62.6 50.8 76.2



#2
 1,4-Dioxane
 Concen: 41.984 ng
 RT: 2.752 min Scan# 113
 Delta R.T. 0.088 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

Tgt Ion: 88 Resp: 204287
 Ion Ratio Lower Upper
 88 100
 58 89.7 73.7 110.5
 43 65.7 30.1 45.1#





#3

Pyridine

Concen: 27.079 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

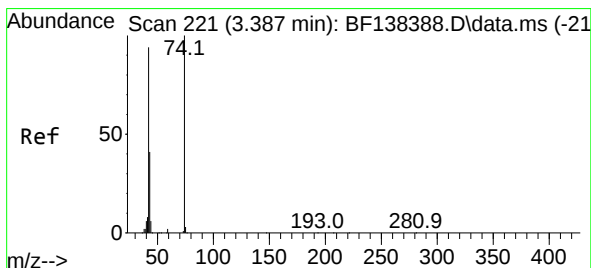
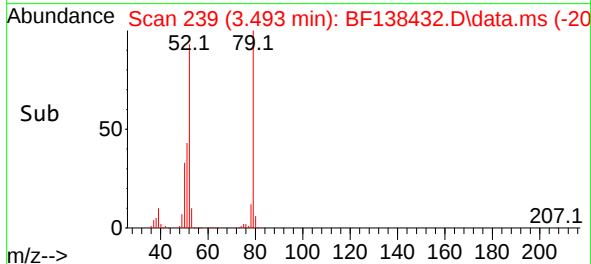
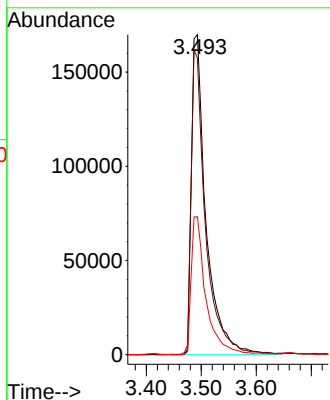
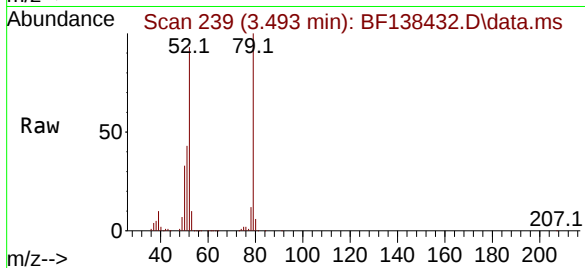
Tgt Ion: 79 Resp: 314344

Ion Ratio Lower Upper

79 100

52 92.7 76.2 114.2

51 43.1 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 48.216 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.071 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

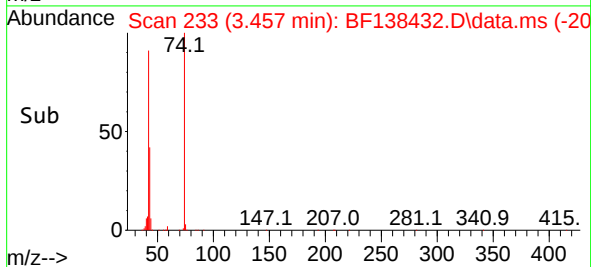
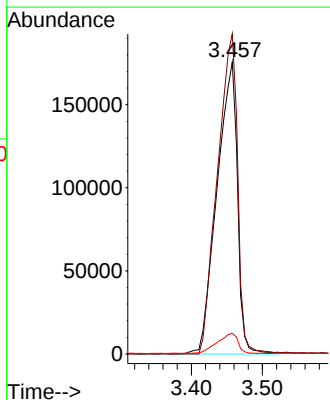
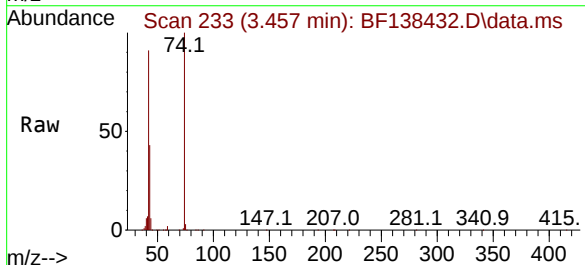
Tgt Ion: 42 Resp: 349181

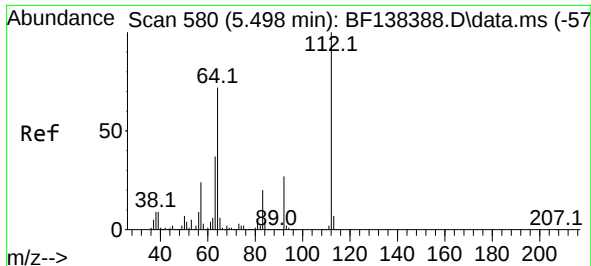
Ion Ratio Lower Upper

42 100

74 109.6 85.1 127.7

44 7.1 5.5 8.3

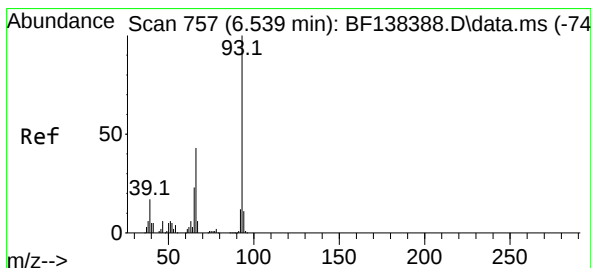
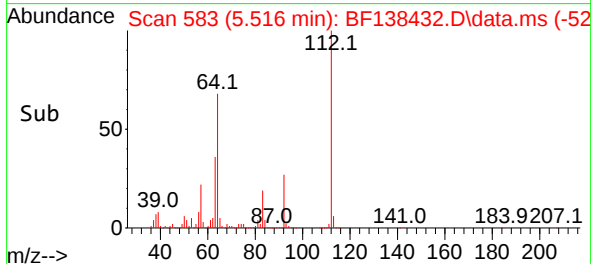
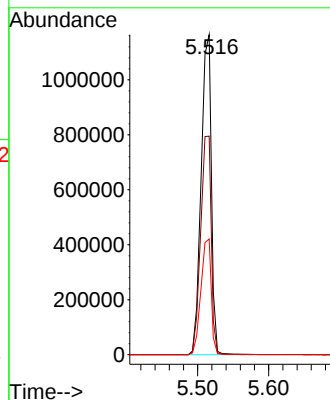
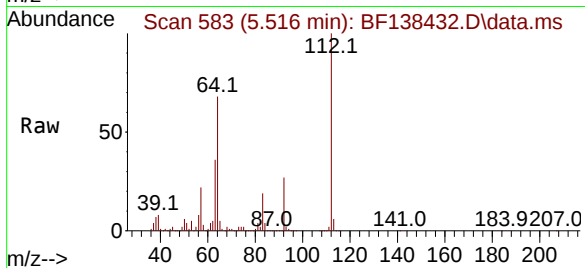




#5
2-Fluorophenol
Concen: 113.378 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

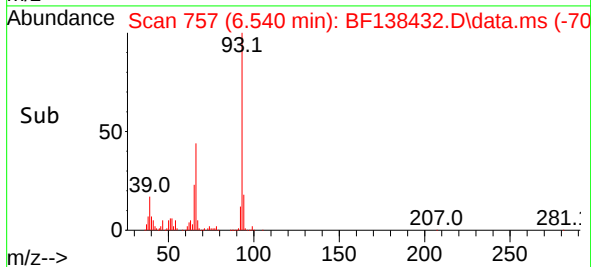
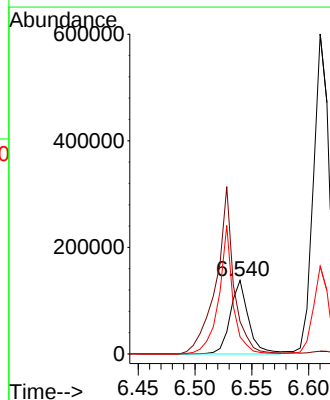
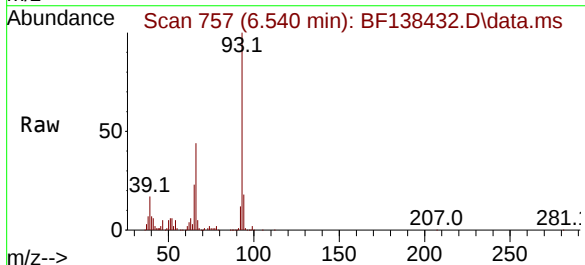
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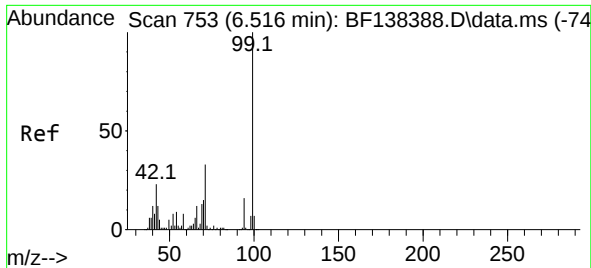
Tgt Ion:112 Resp: 1171238
Ion Ratio Lower Upper
112 100
64 68.3 57.2 85.8
63 36.1 29.4 44.0



#6
Aniline
Concen: 11.338 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion: 93 Resp: 153968
Ion Ratio Lower Upper
93 100
66 43.9 34.7 52.1
65 23.3 18.5 27.7





#7

Phenol-d6

Concen: 103.741 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

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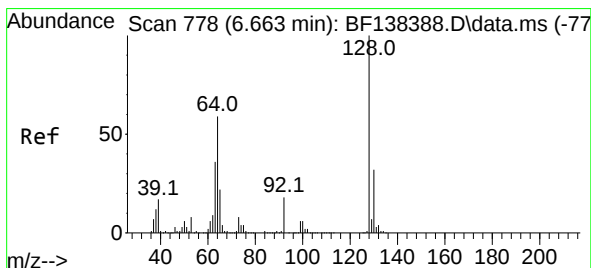
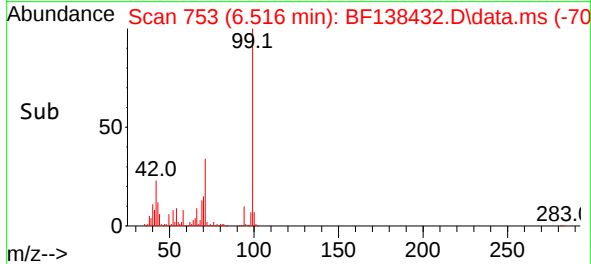
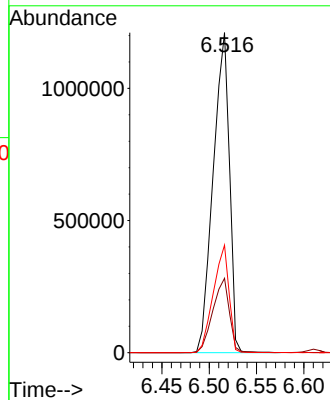
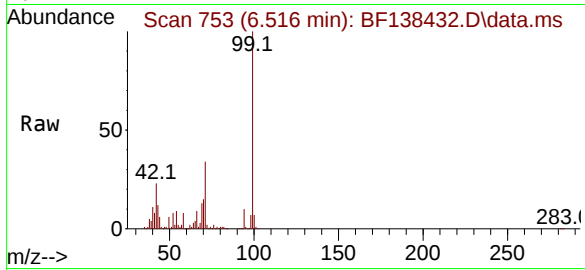
Tgt Ion: 99 Resp: 1443659

Ion Ratio Lower Upper

99 100

42 23.3 18.5 27.7

71 33.6 26.1 39.1



#8

2-Chlorophenol

Concen: 46.643 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

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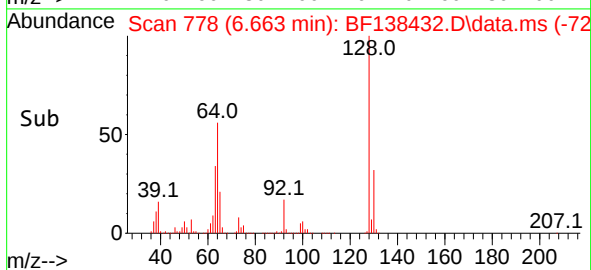
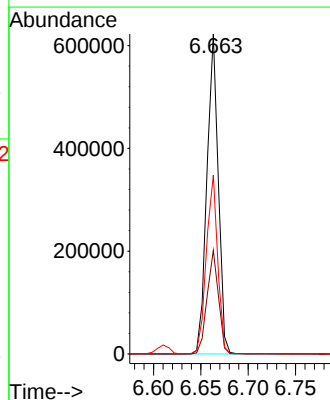
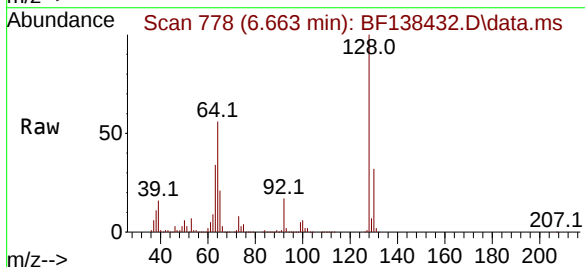
Tgt Ion:128 Resp: 517263

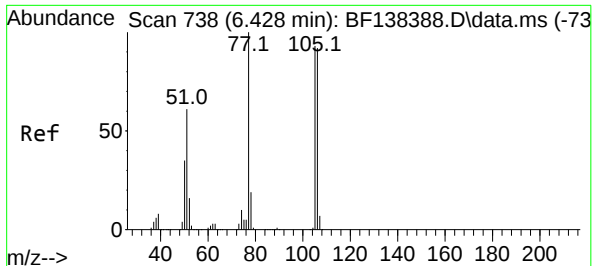
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 55.9 39.6 79.6

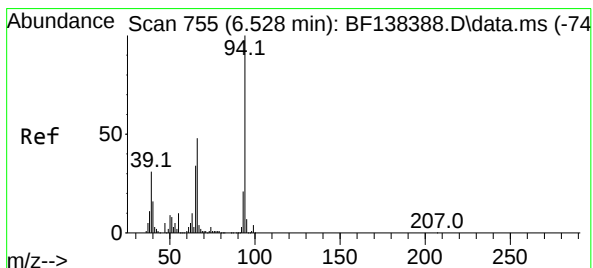
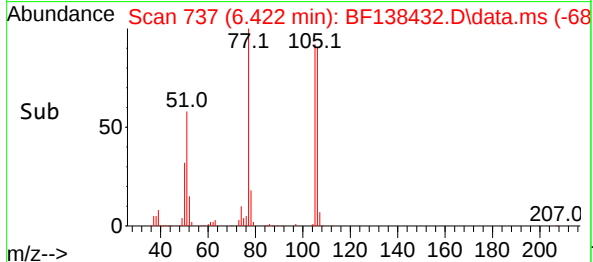
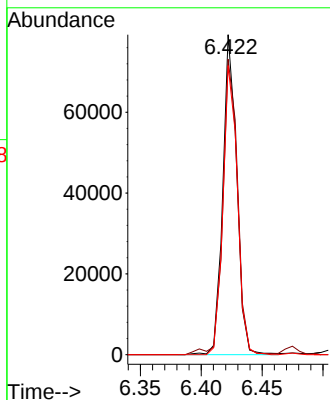
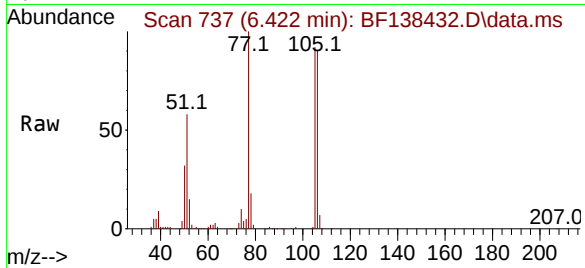




#9
Benzaldehyde
Concen: 7.366 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
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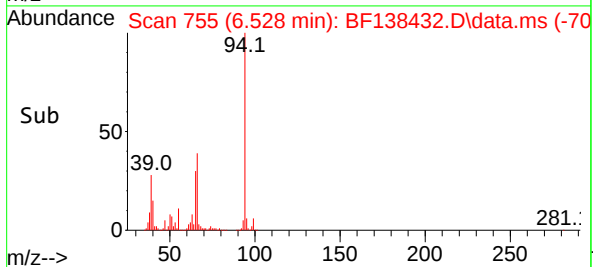
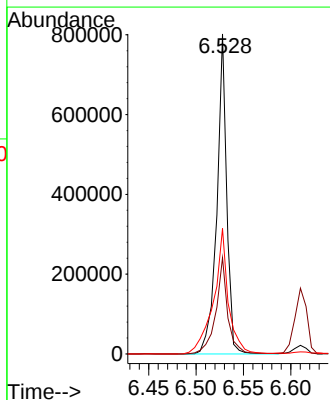
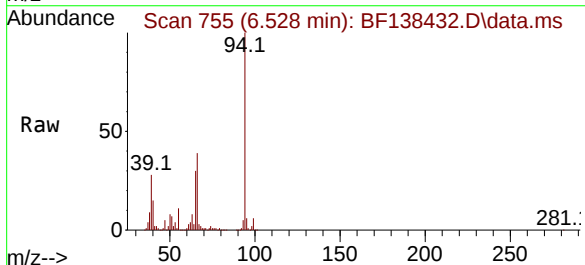
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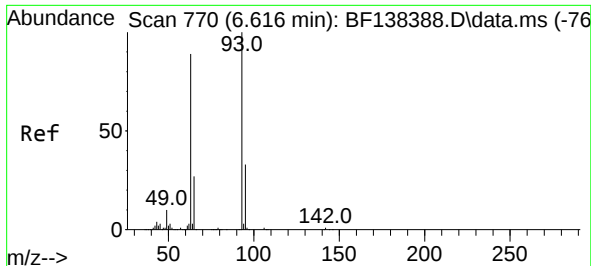
Tgt Ion: 77 Resp: 63266
Ion Ratio Lower Upper
77 100
105 92.3 73.2 113.2
106 90.4 71.5 111.5



#10
Phenol
Concen: 39.373 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion: 94 Resp: 583752
Ion Ratio Lower Upper
94 100
65 30.1 14.2 54.2
66 39.2 27.9 67.9

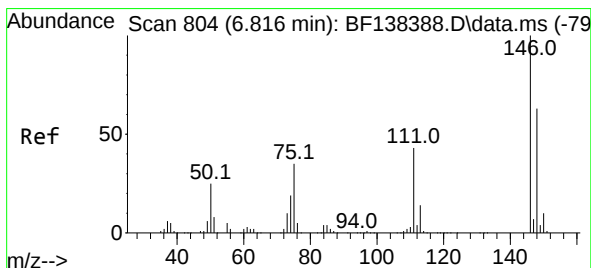
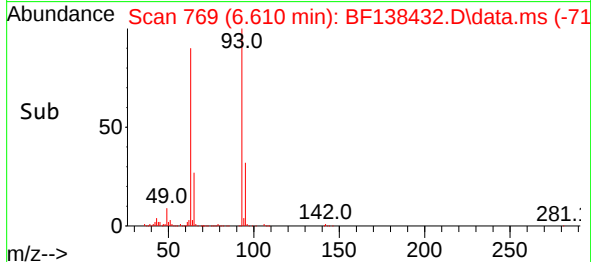
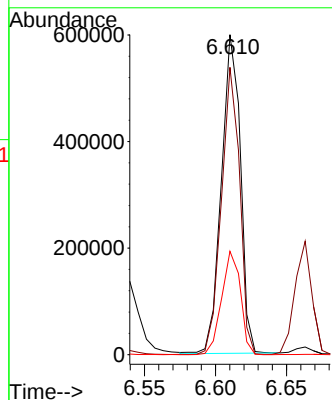
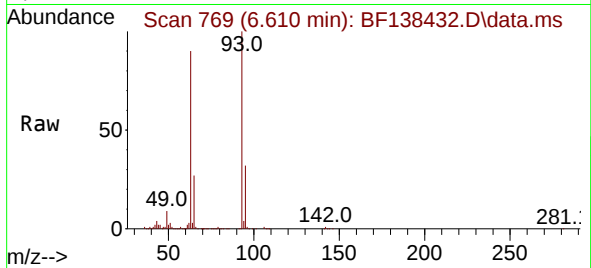




#11
bis(2-Chloroethyl)ether
Concen: 47.681 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

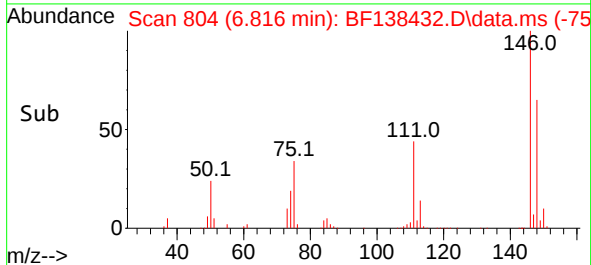
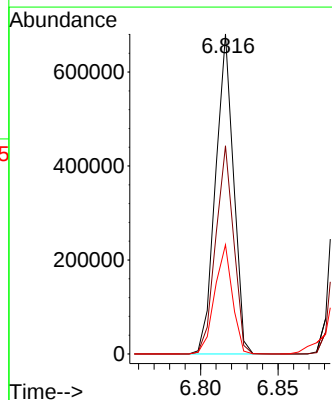
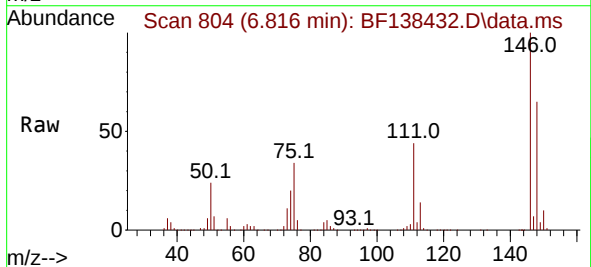
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

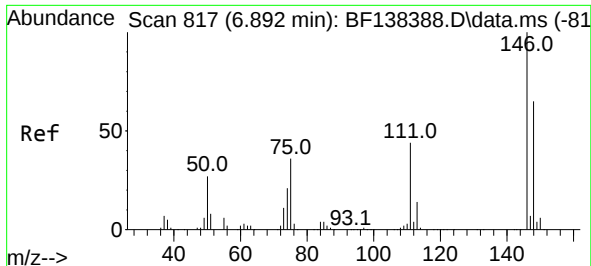
Tgt Ion: 93 Resp: 555215
Ion Ratio Lower Upper
93 100
63 89.8 68.2 108.2
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.194 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:146 Resp: 548563
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
75 34.1 27.8 41.6

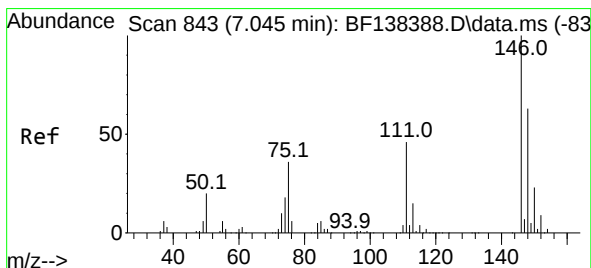
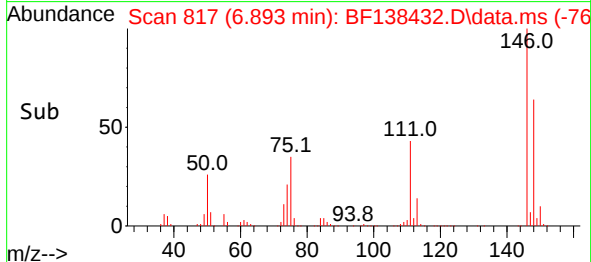
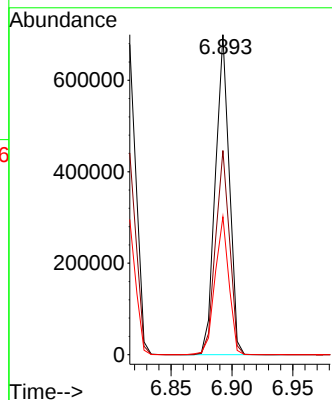
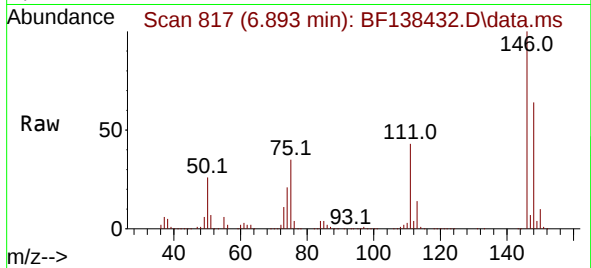




#13
1,4-Dichlorobenzene
Concen: 43.759 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

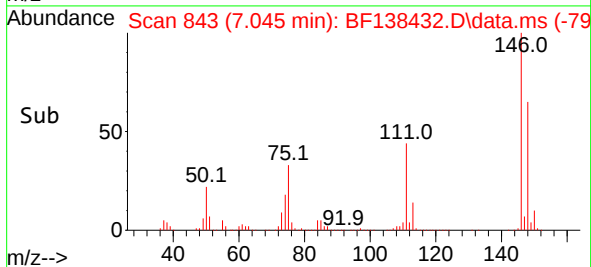
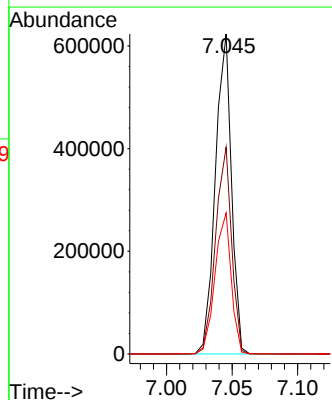
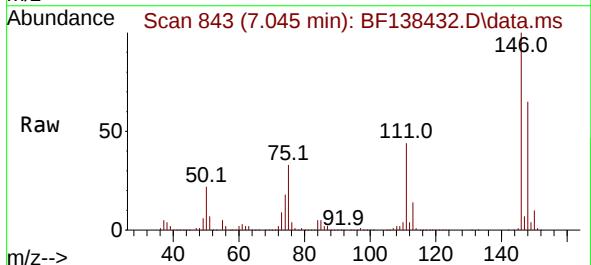
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

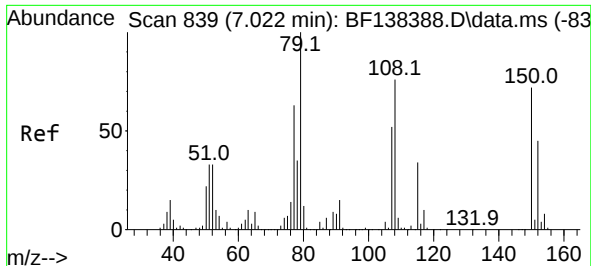
Tgt Ion:146 Resp: 557229
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
111 43.1 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 45.132 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:146 Resp: 530559
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
111 44.0 37.1 55.7





#15

Benzyl Alcohol

Concen: 43.915 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

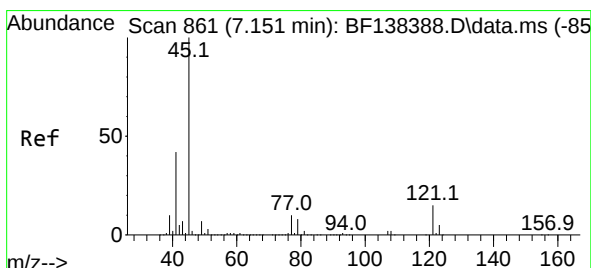
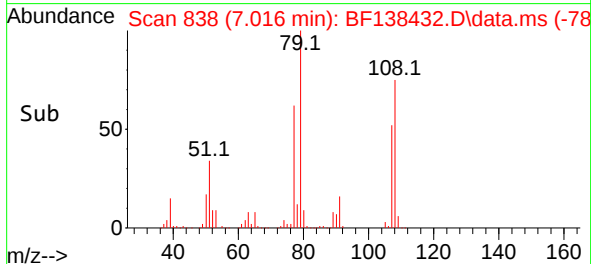
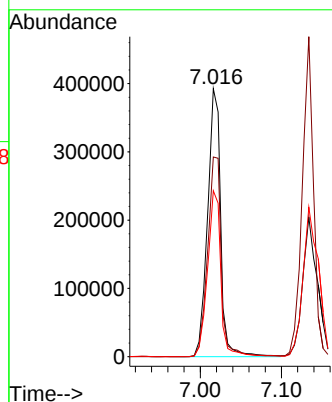
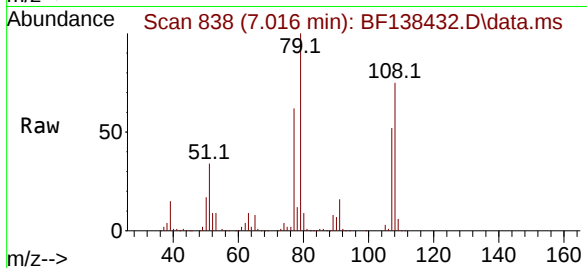
Tgt Ion: 79 Resp: 437719

Ion Ratio Lower Upper

79 100

108 74.5 60.9 91.3

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.147 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

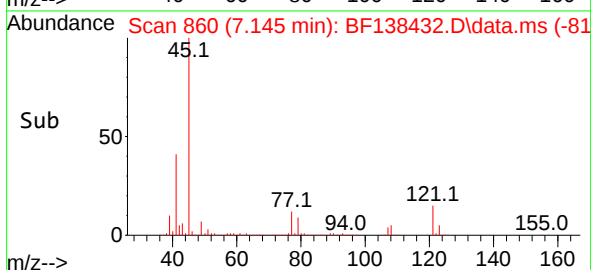
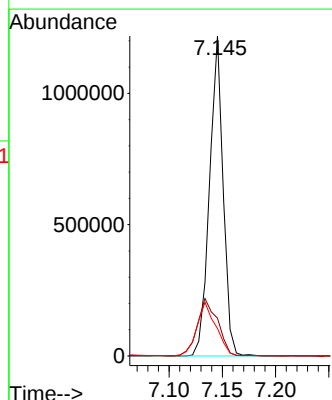
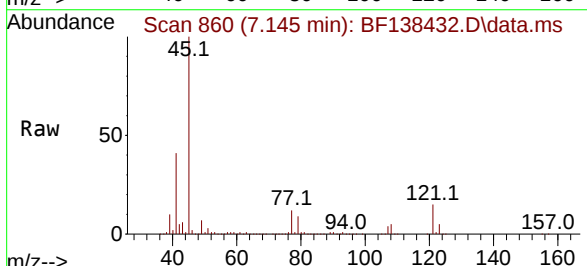
Tgt Ion: 45 Resp: 1083845

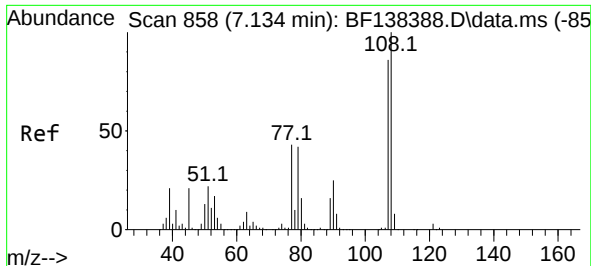
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.4

79 8.6 0.0 28.1

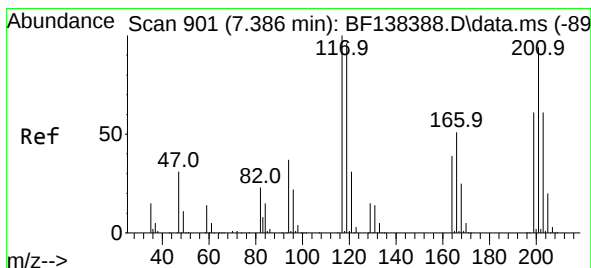
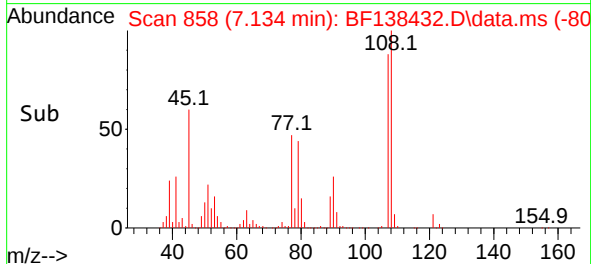
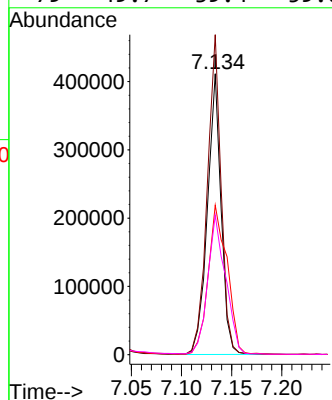
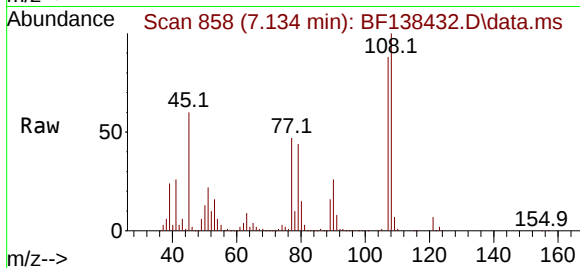




#17
2-Methylphenol
Concen: 42.814 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

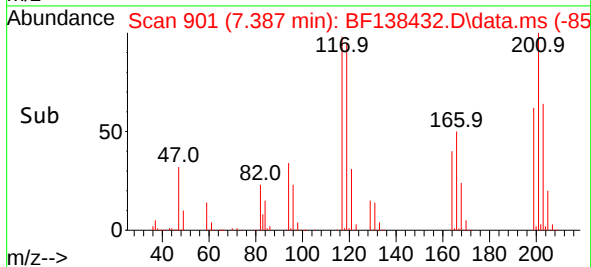
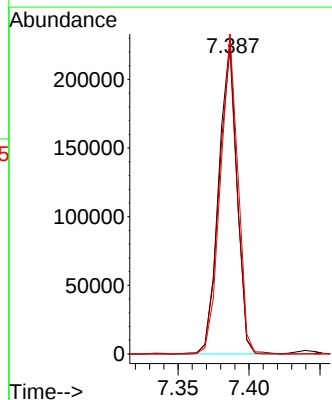
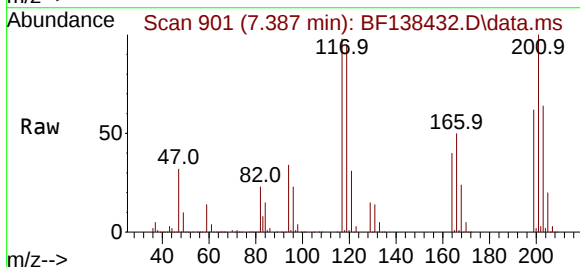
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

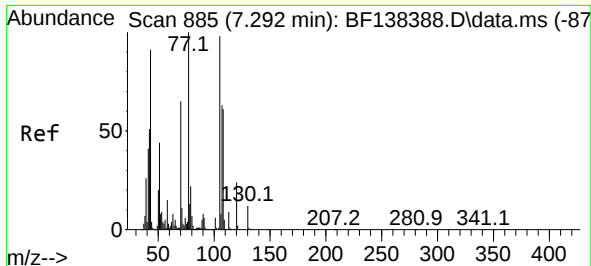
Tgt Ion:	107	Resp:	393500
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.6	138.8
77	53.2	40.3	60.5
79	49.7	39.4	59.0



#18
Hexachloroethane
Concen: 43.971 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:	117	Resp:	201963
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.1	115.7
201	101.8	75.6	113.4

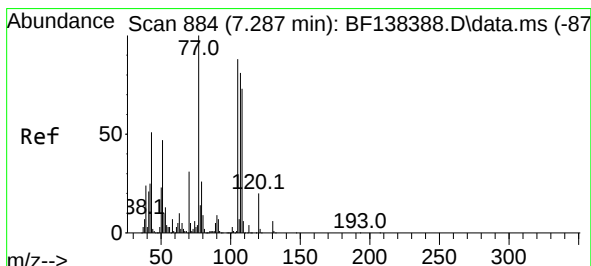
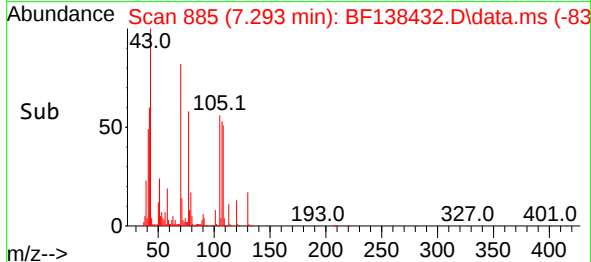
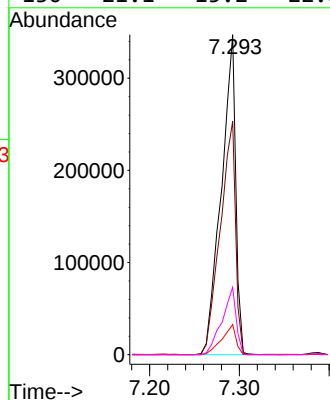
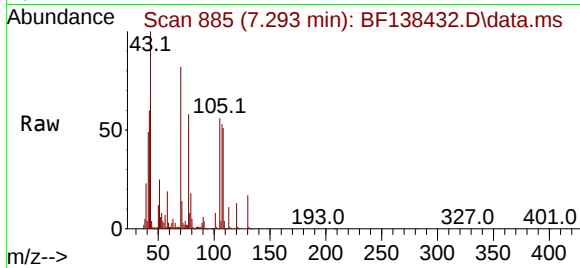




#19
n-Nitroso-di-n-propylamine
Concen: 44.156 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

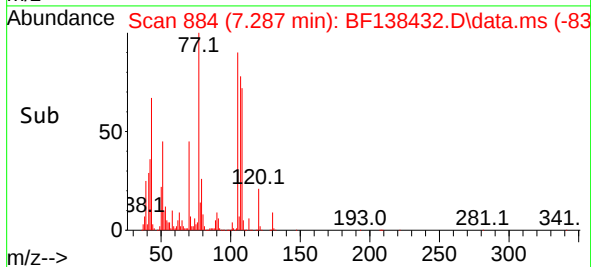
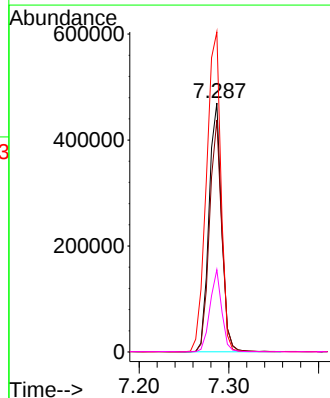
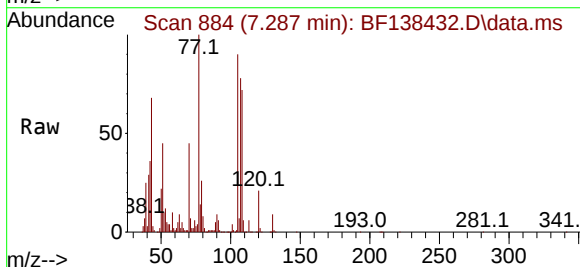
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

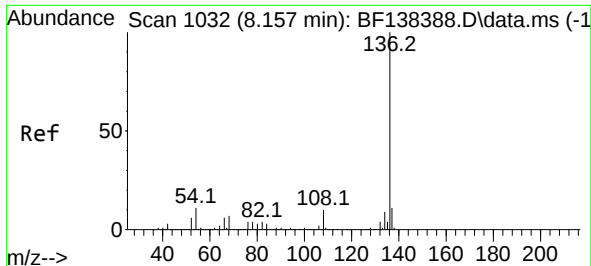
Tgt Ion: 70 Resp: 387372
Ion Ratio Lower Upper
70 100
42 73.0 62.5 93.7
101 9.4 7.0 10.4
130 21.1 15.2 22.8



#20
3+4-Methylphenols
Concen: 42.893 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion: 107 Resp: 458063
Ion Ratio Lower Upper
107 100
108 93.2 70.8 110.8
77 128.6 104.0 144.0
79 33.1 12.0 52.0



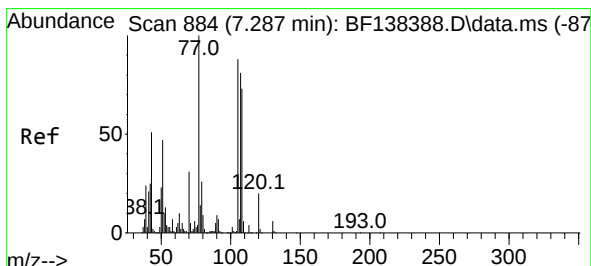
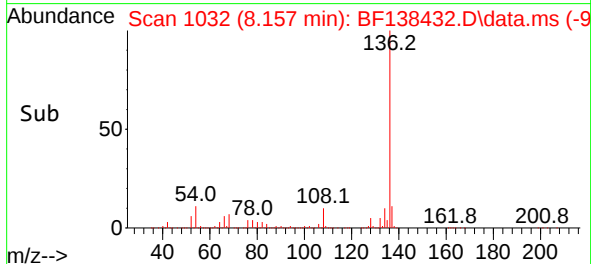
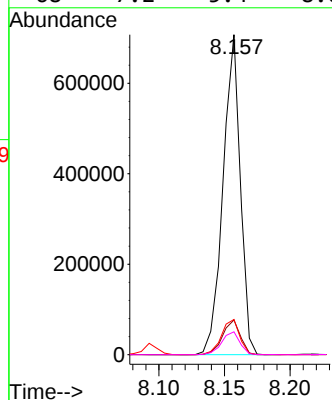
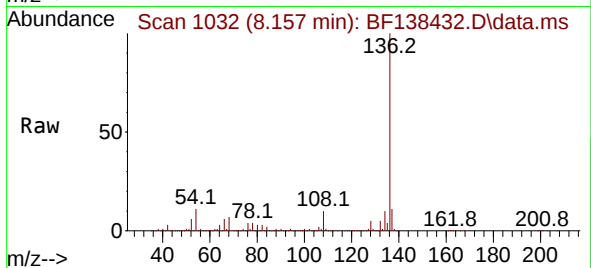


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

Tgt Ion:136 Resp: 646778

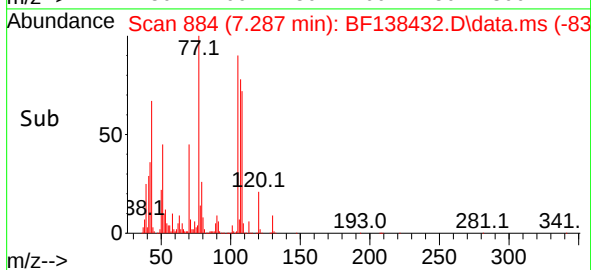
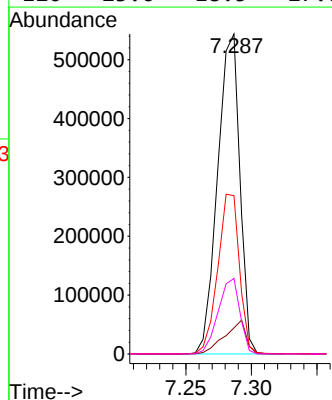
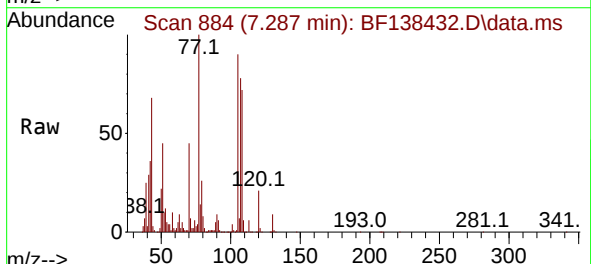
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.0	9.0	13.4
68	7.2	5.4	8.0

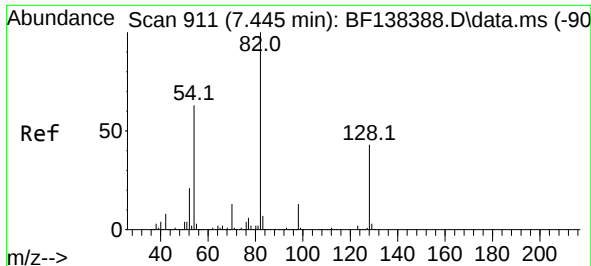


#22
Acetophenone
Concen: 43.613 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:105 Resp: 639937

Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.7	7.1#
51	49.5	43.2	64.8
120	23.6	18.5	27.7





#23

Nitrobenzene-d5

Concen: 86.265 ng

RT: 7.440 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

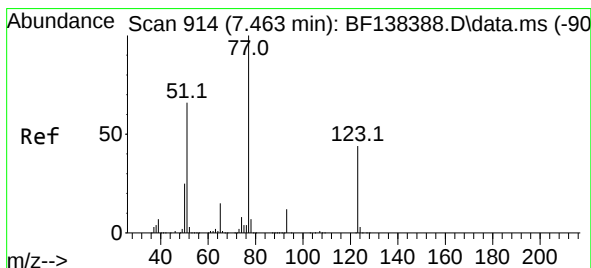
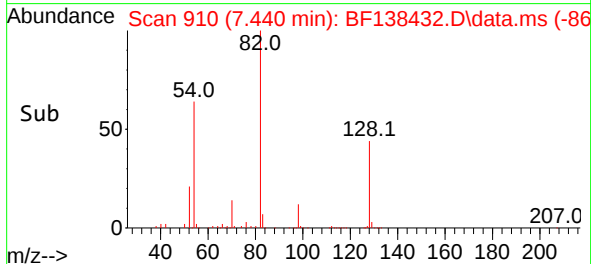
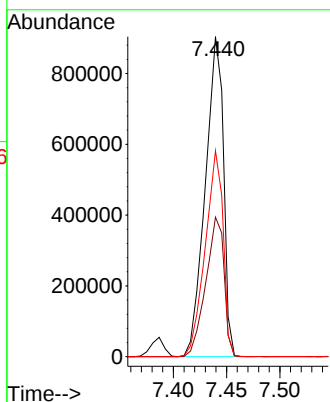
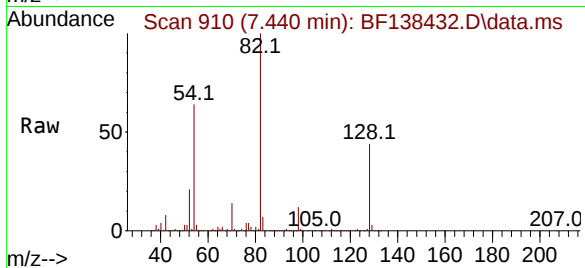
Tgt Ion: 82 Resp: 1074048

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

54 64.3 50.5 75.7



#24

Nitrobenzene

Concen: 48.727 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

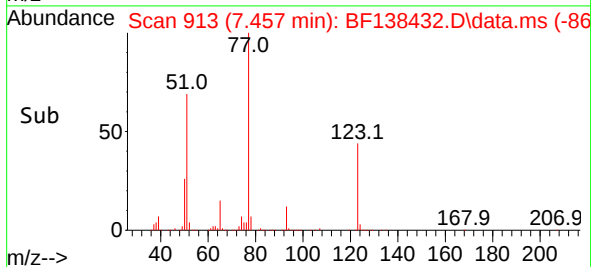
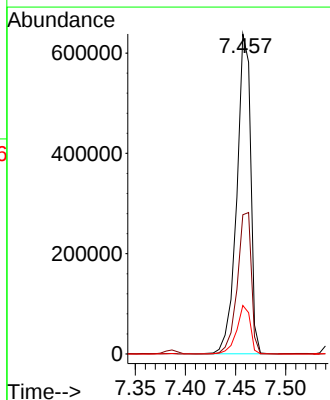
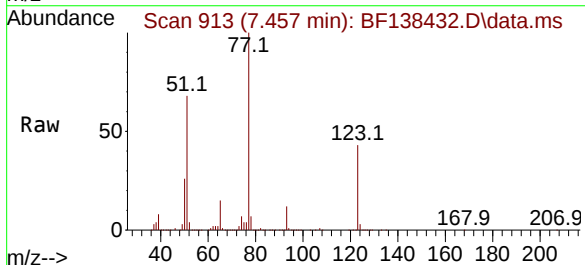
Tgt Ion: 77 Resp: 617052

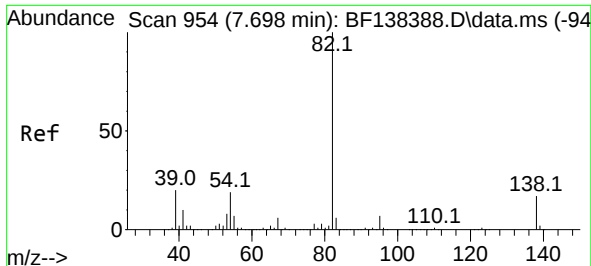
Ion Ratio Lower Upper

77 100

123 43.5 35.0 52.6

65 15.1 12.1 18.1

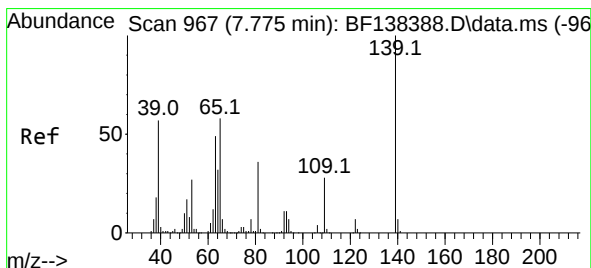
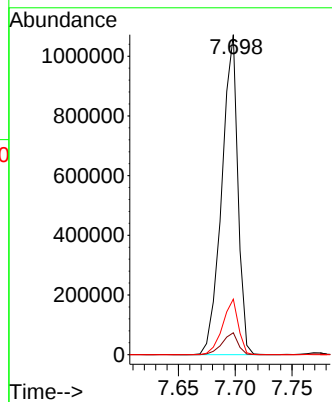
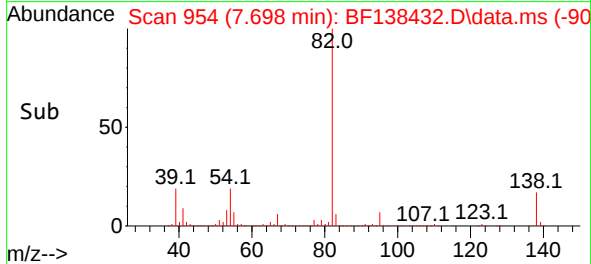
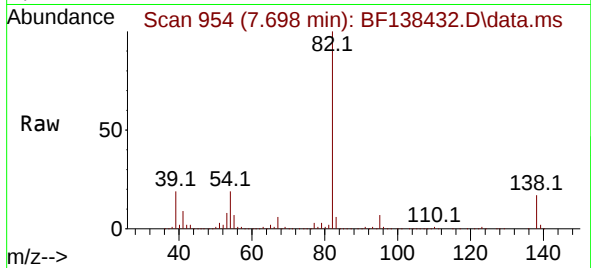




#25
Isophorone
Concen: 46.166 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

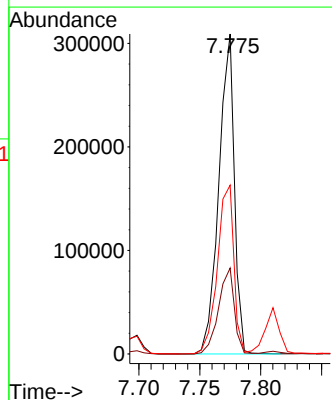
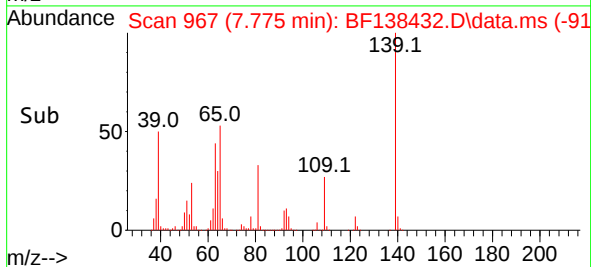
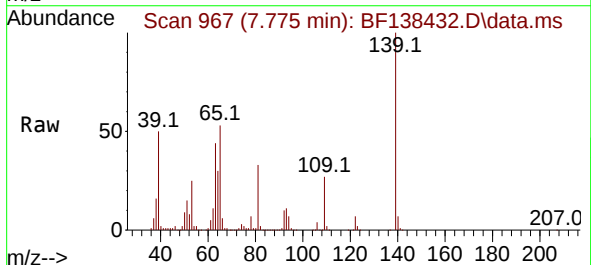
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

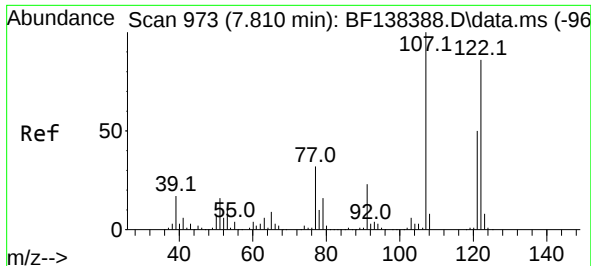
Tgt Ion: 82 Resp: 1059849
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.4 13.4 20.2



#26
2-Nitrophenol
Concen: 50.209 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:139 Resp: 274254
Ion Ratio Lower Upper
139 100
109 26.9 22.5 33.7
65 52.8 46.2 69.2

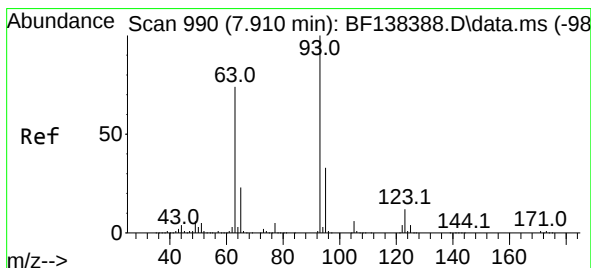
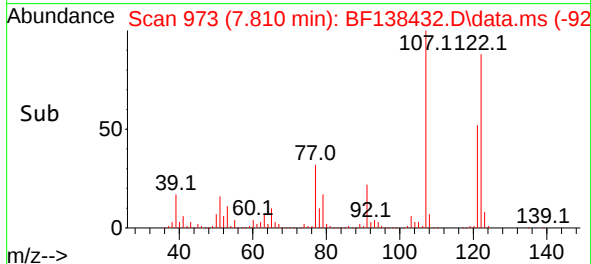
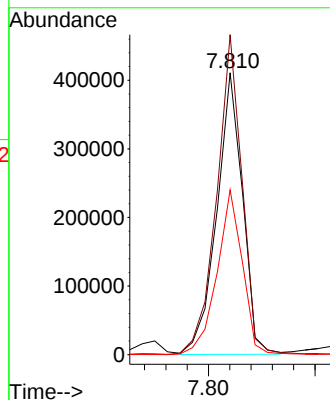
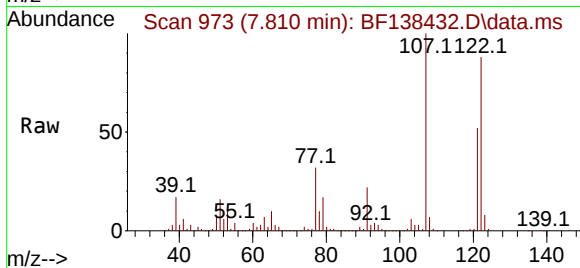




#27
2,4-Dimethylphenol
Concen: 49.296 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

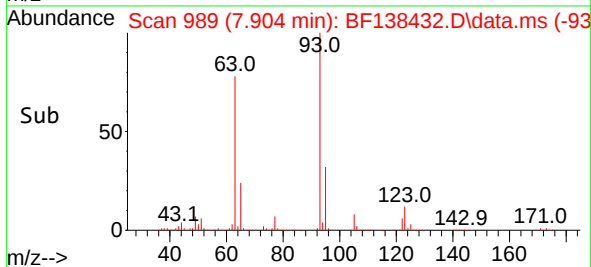
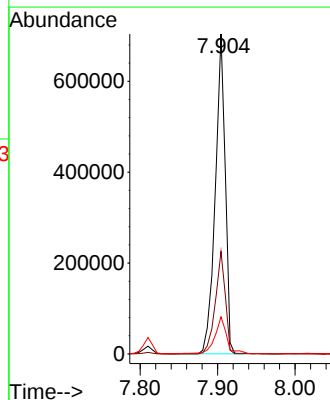
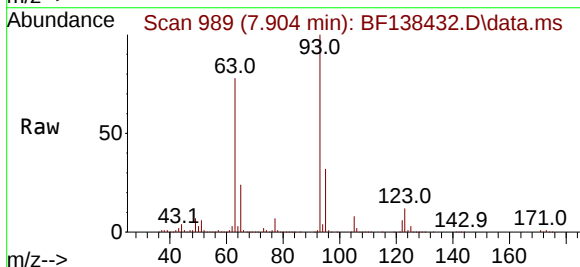
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

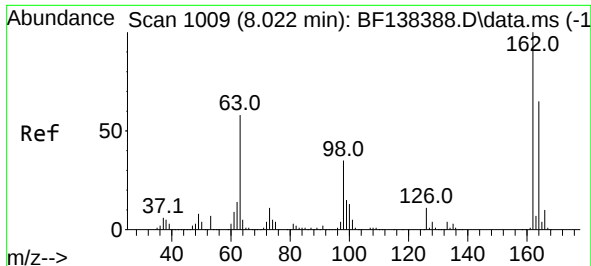
Tgt Ion:122 Resp: 344615
Ion Ratio Lower Upper
122 100
107 113.5 92.5 138.7
121 58.5 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.559 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion: 93 Resp: 629555
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.427 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

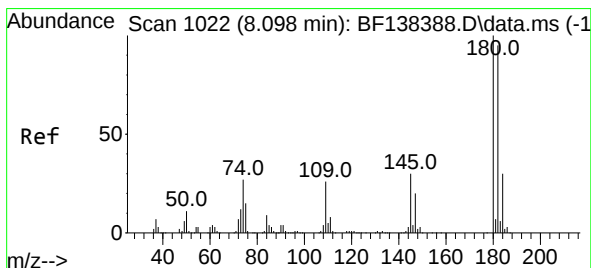
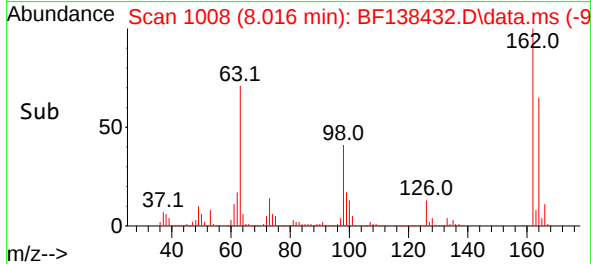
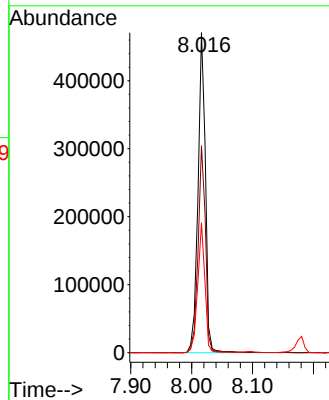
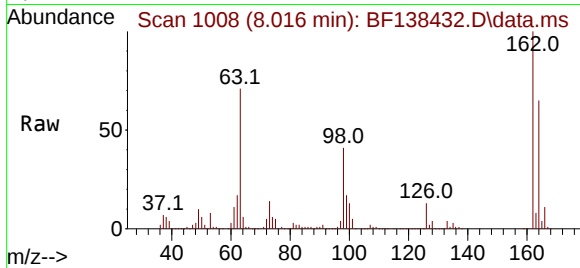
Tgt Ion:162 Resp: 398903

Ion Ratio Lower Upper

162 100

164 64.7 45.4 85.4

98 40.6 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 43.685 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

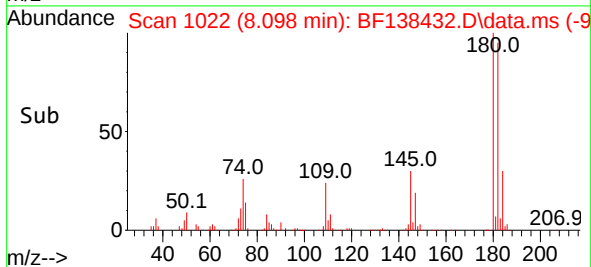
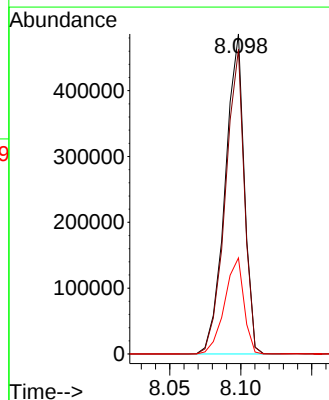
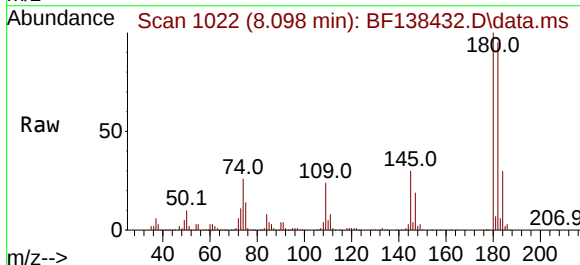
Tgt Ion:180 Resp: 456064

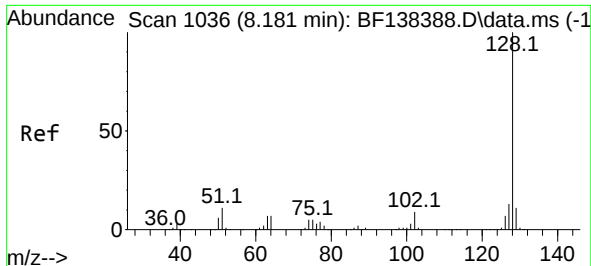
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 30.0 24.2 36.2

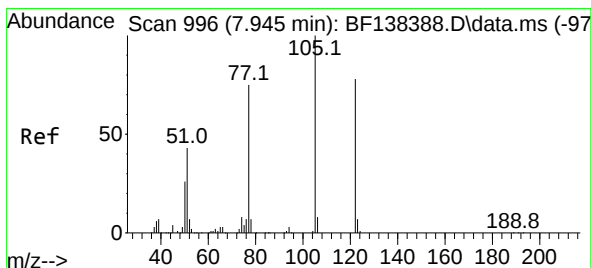
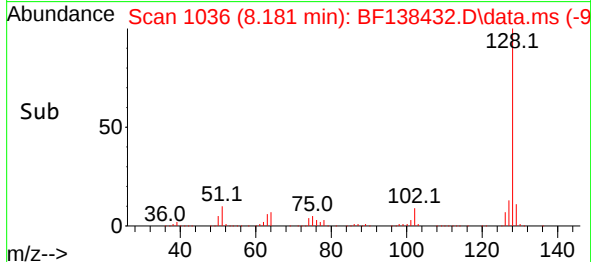
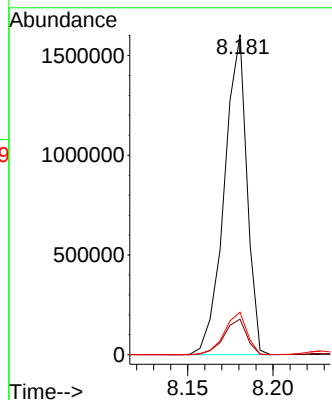
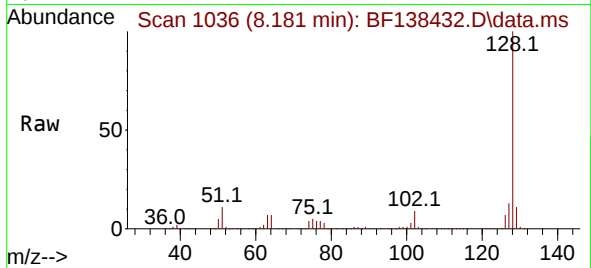




#31
Naphthalene
Concen: 45.184 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

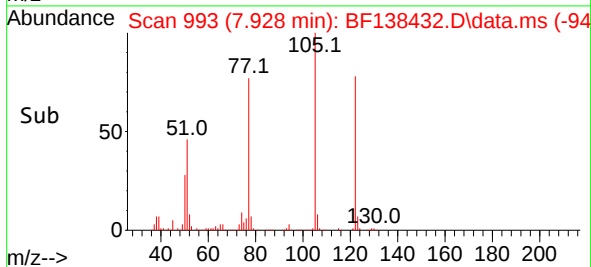
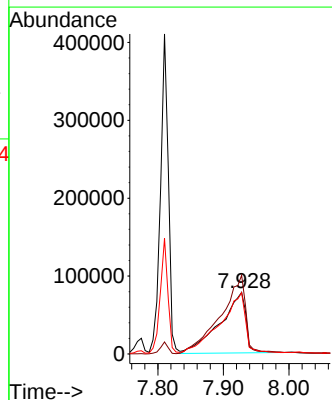
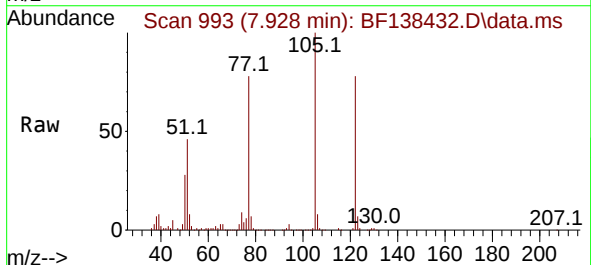
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

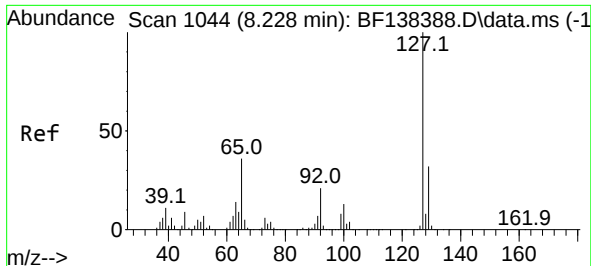
Tgt Ion:128 Resp: 1477373
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 34.813 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.017 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:122 Resp: 214578
Ion Ratio Lower Upper
122 100
105 127.9 103.8 143.8
77 99.6 74.3 114.3

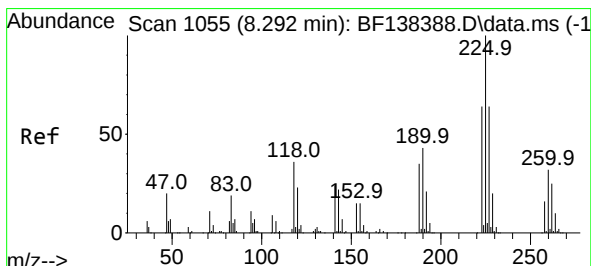
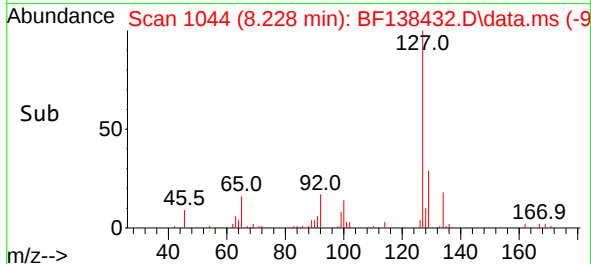
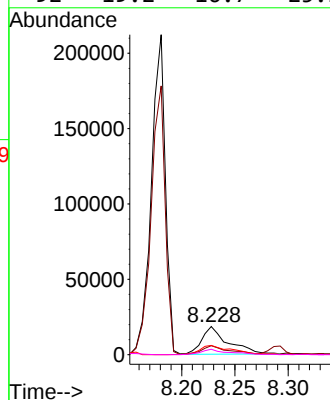
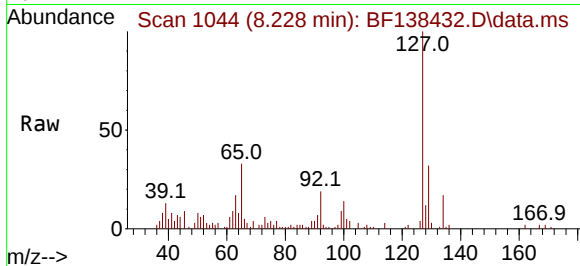




#33
4-Chloroaniline
Concen: 2.748 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

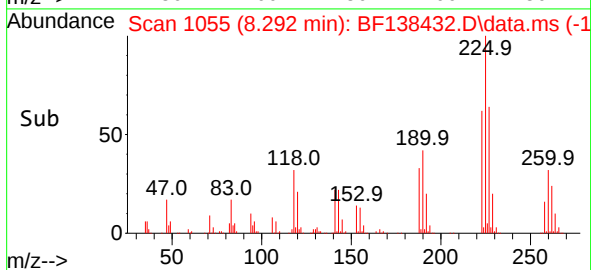
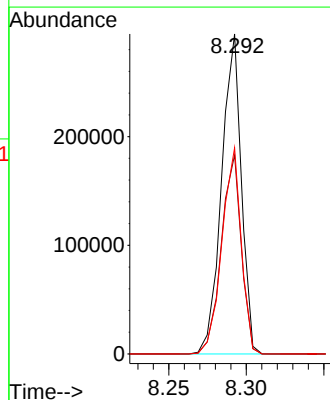
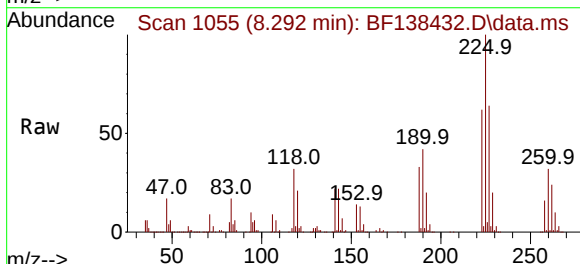
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

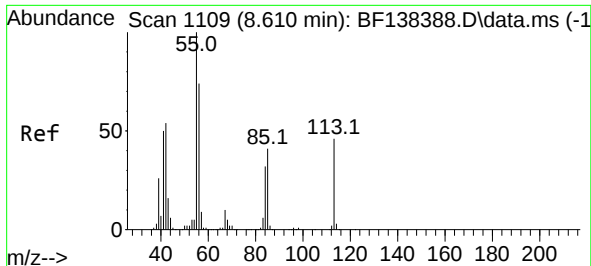
Tgt Ion:	127	Resp:	31375
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	33.2	28.7	43.1
92	19.2	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.508 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:	225	Resp:	260167
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	64.4	51.2	76.8

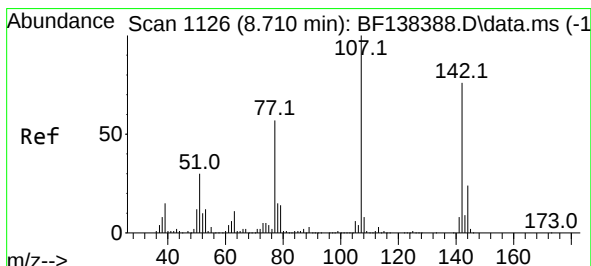
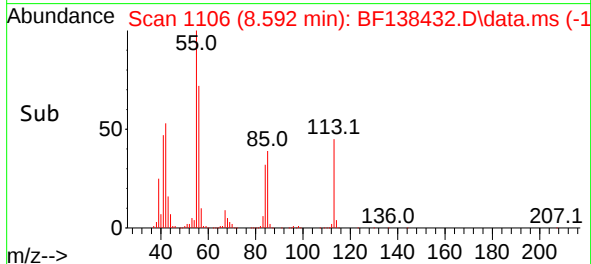
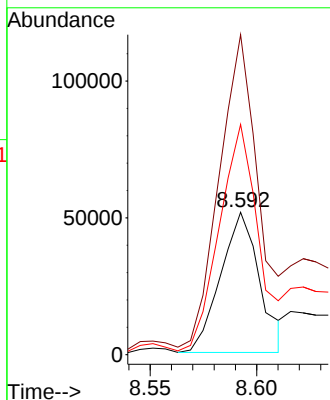
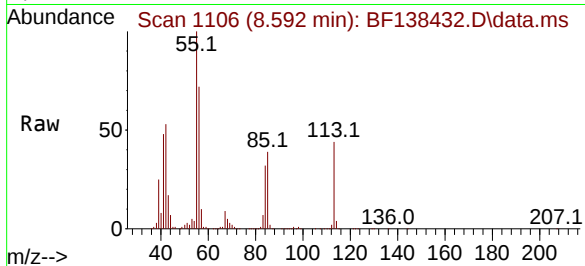




#35
Caprolactam
Concen: 22.999 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

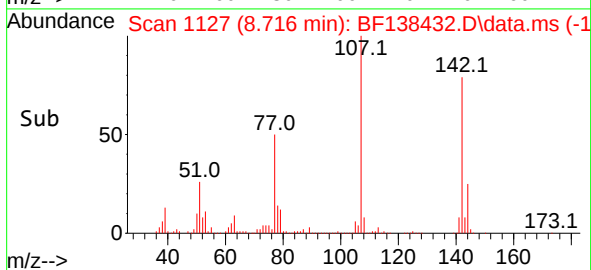
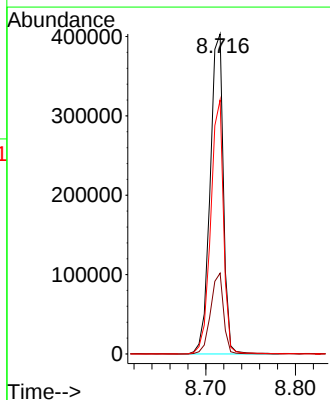
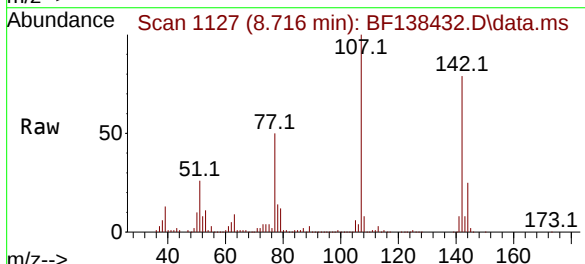
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

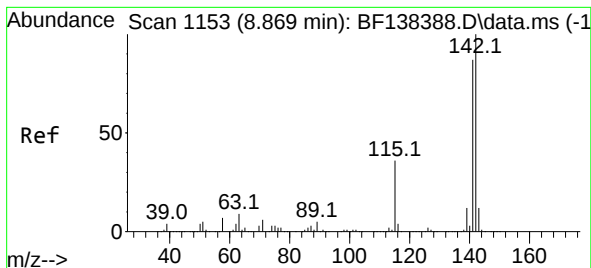
Tgt Ion:113 Resp: 65208
Ion Ratio Lower Upper
113 100
55 224.7 195.9 235.9
56 161.7 138.7 178.7



#36
4-Chloro-3-methylphenol
Concen: 43.264 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:107 Resp: 413770
Ion Ratio Lower Upper
107 100
144 25.3 19.2 28.8
142 79.4 61.0 91.6

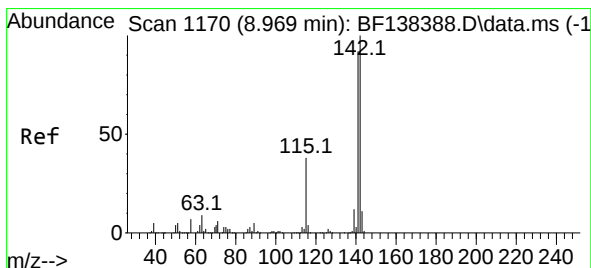
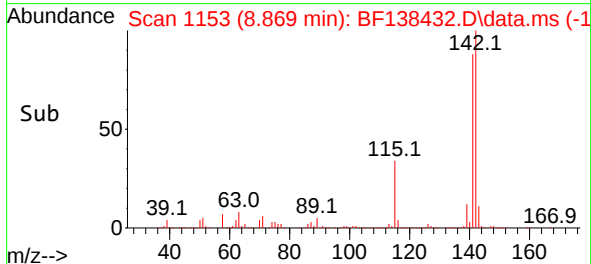
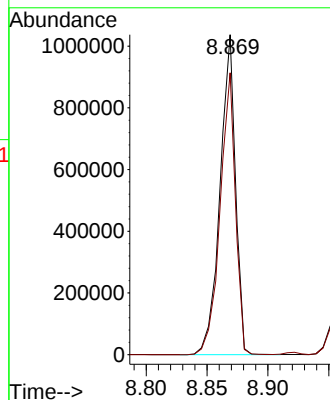
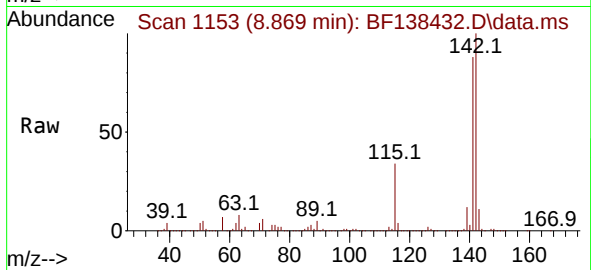




#37
2-Methylnaphthalene
Concen: 43.349 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

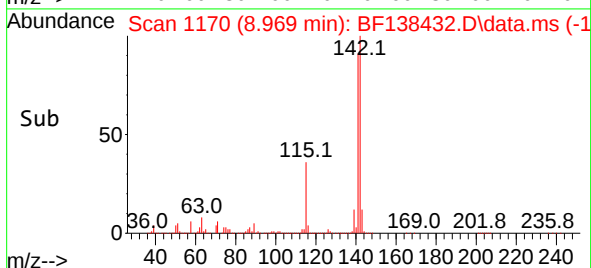
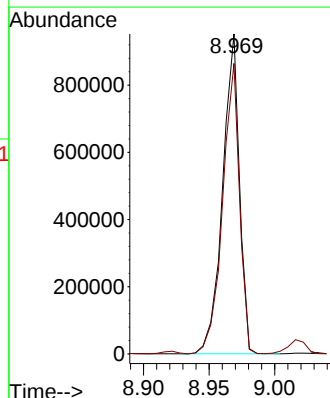
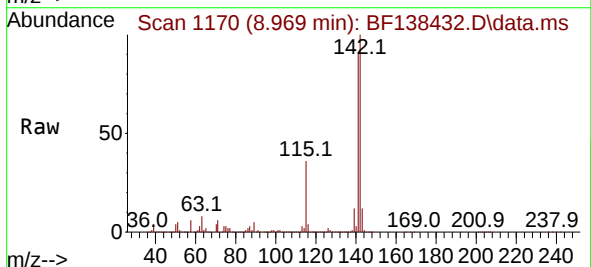
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

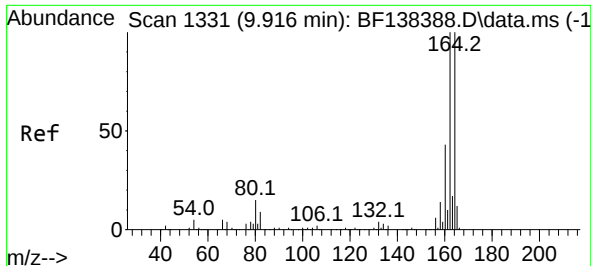
Tgt Ion:142 Resp: 916042
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4



#38
1-Methylnaphthalene
Concen: 41.268 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:142 Resp: 845731
Ion Ratio Lower Upper
142 100
141 90.8 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

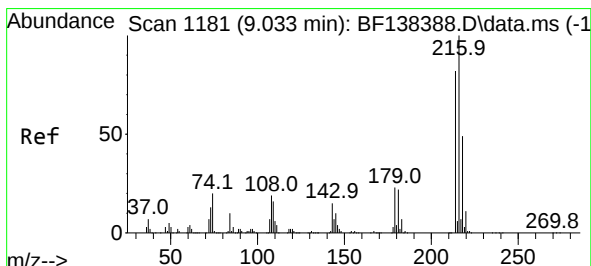
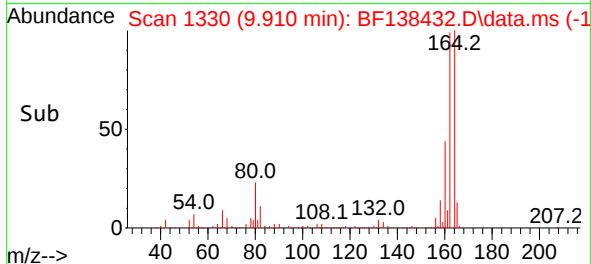
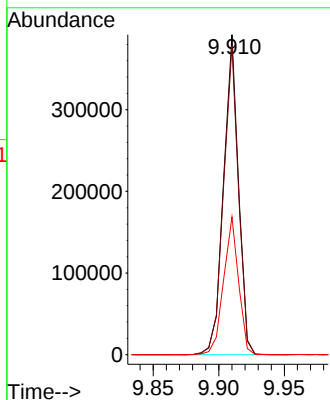
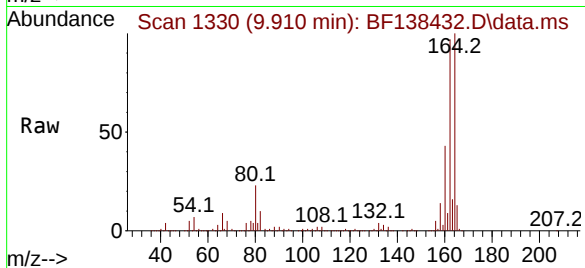
Tgt Ion:164 Resp: 308345

Ion Ratio Lower Upper

164 100

162 96.7 80.1 120.1

160 43.1 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.156 ng

RT: 9.034 min Scan# 1181

Delta R.T. 0.001 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Tgt Ion:216 Resp: 376604

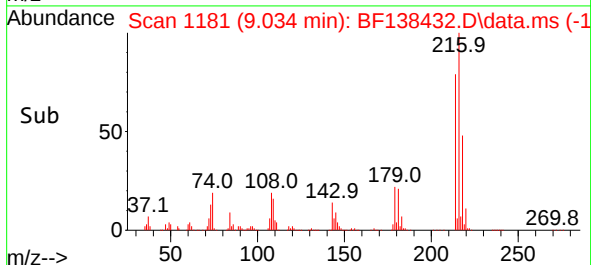
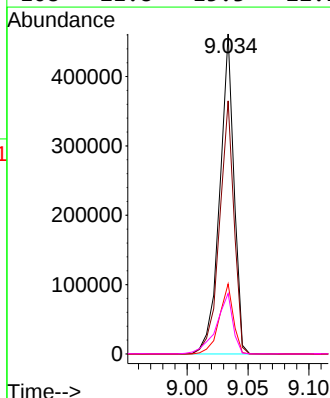
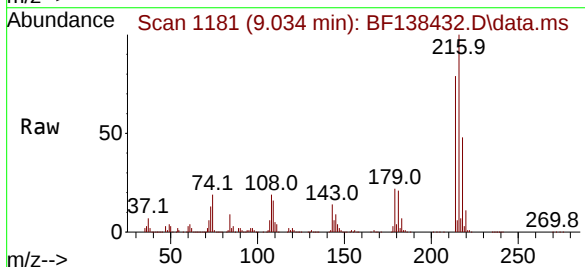
Ion Ratio Lower Upper

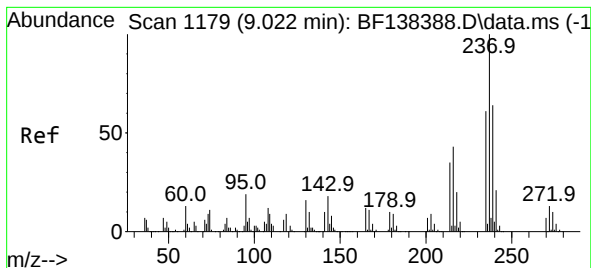
216 100

214 80.1 64.2 96.4

179 21.6 17.4 26.0

108 21.8 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 128.656 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

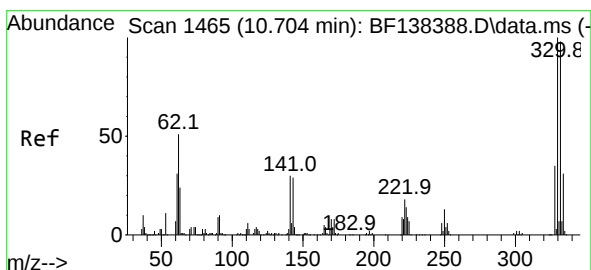
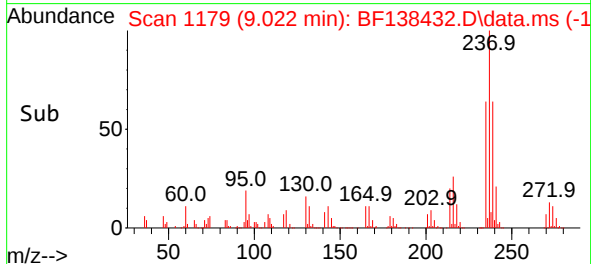
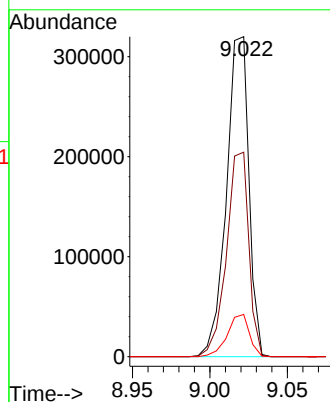
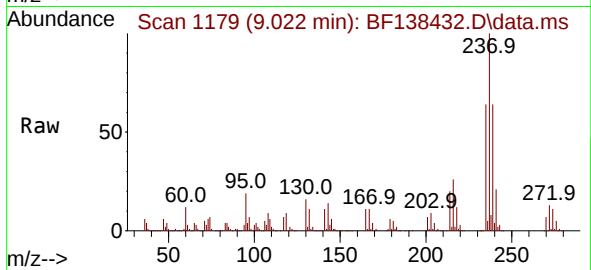
Tgt Ion:237 Resp: 322989

Ion Ratio Lower Upper

237 100

235 63.9 41.4 81.4

272 13.2 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 112.121 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

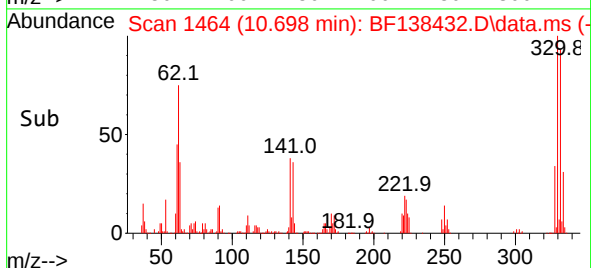
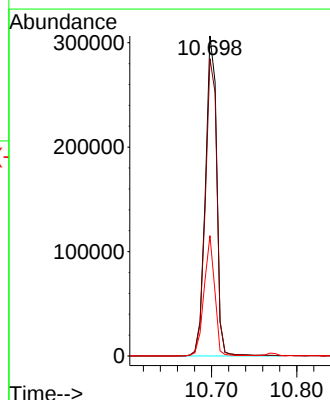
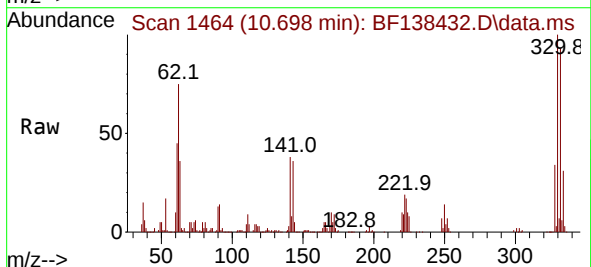
Tgt Ion:330 Resp: 282457

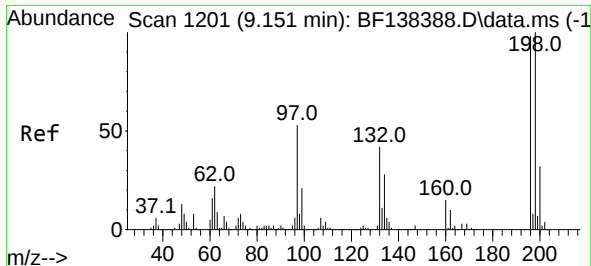
Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 35.5 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 48.267 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

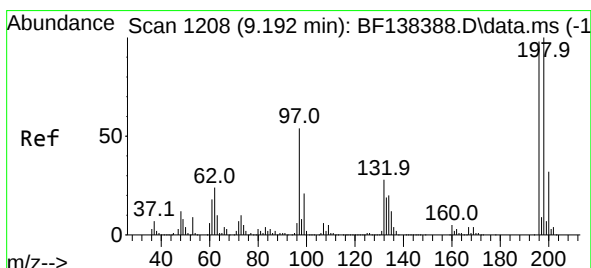
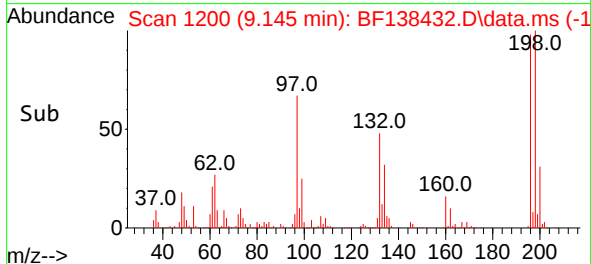
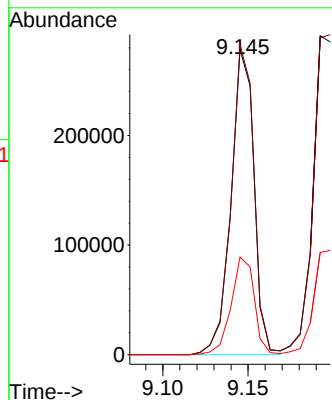
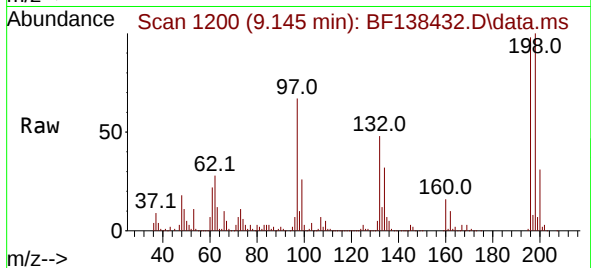
Tgt Ion:196 Resp: 261947

Ion Ratio Lower Upper

196 100

198 101.6 81.8 122.8

200 32.0 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 44.850 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Tgt Ion:196 Resp: 264710

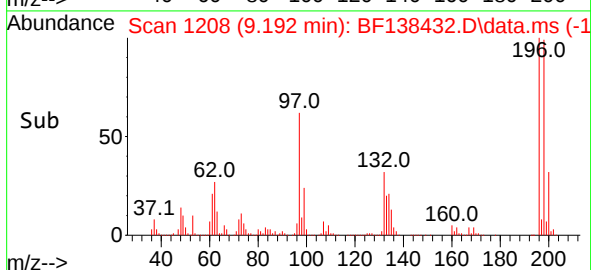
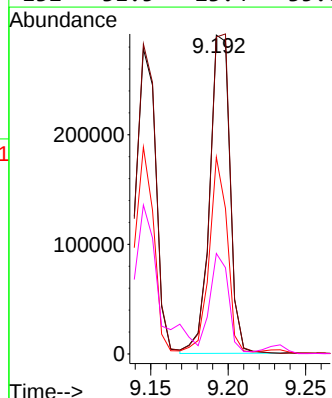
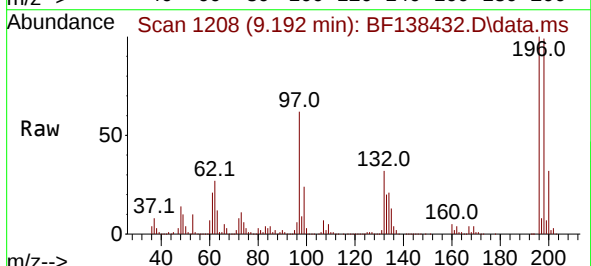
Ion Ratio Lower Upper

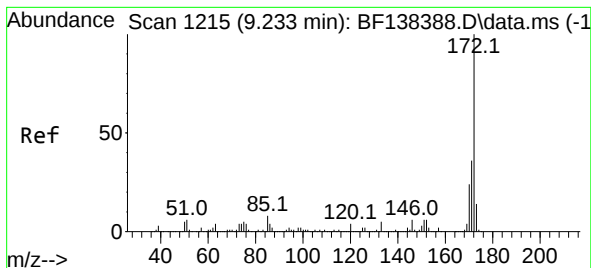
196 100

198 99.4 81.8 122.6

97 61.7 44.2 66.4

132 31.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.919 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.001 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

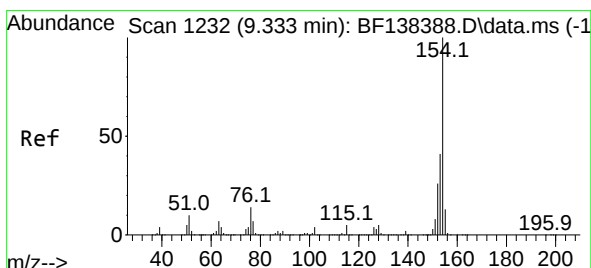
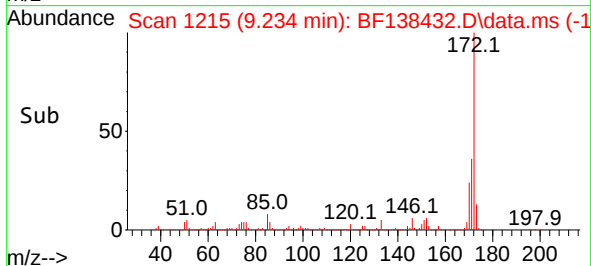
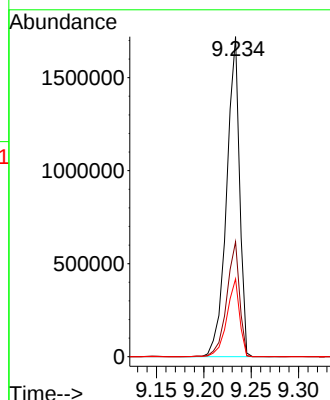
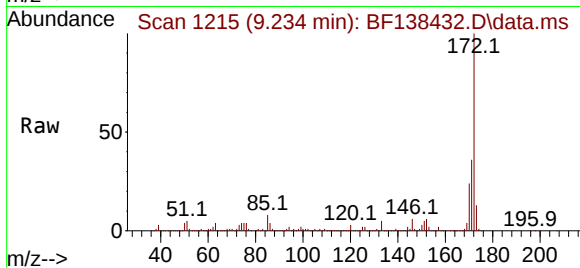
Tgt Ion:172 Resp: 1645299

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 24.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.146 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

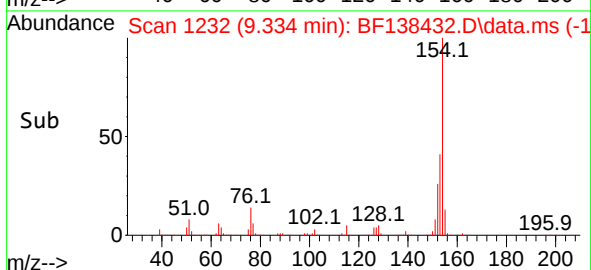
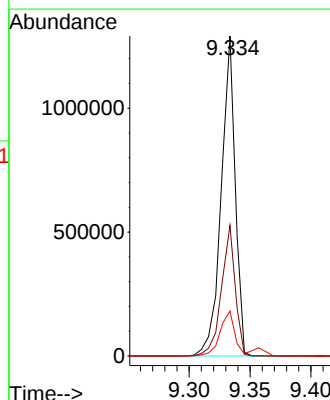
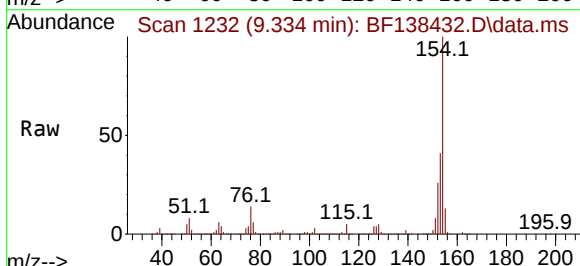
Tgt Ion:154 Resp: 1039403

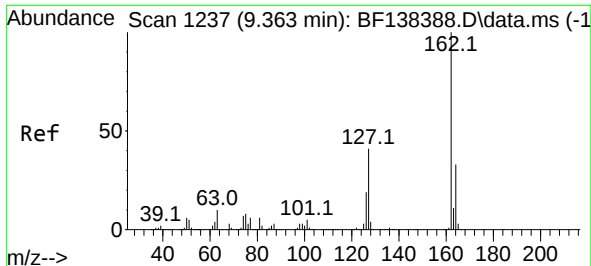
Ion Ratio Lower Upper

154 100

153 40.8 20.5 60.5

76 14.1 0.0 34.4

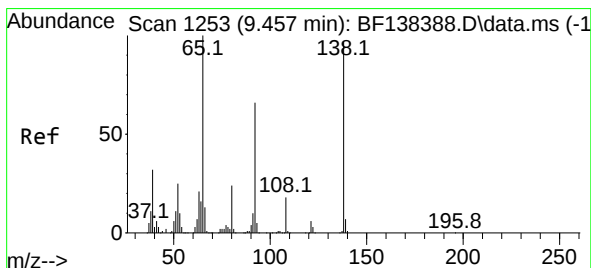
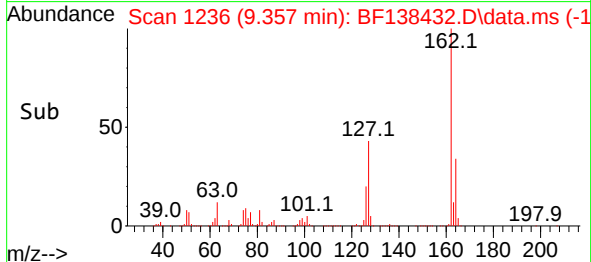
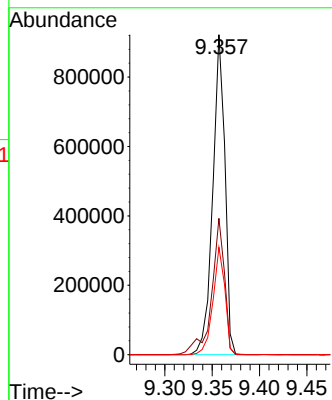
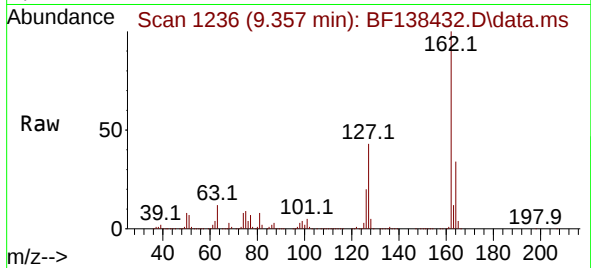




#47
2-Chloronaphthalene
Concen: 46.657 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

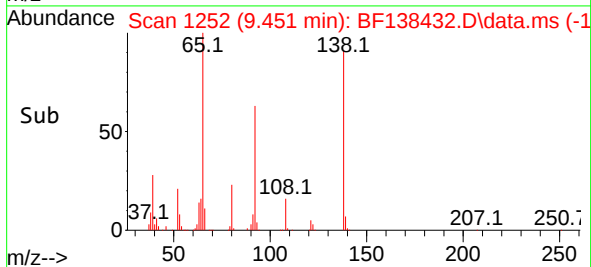
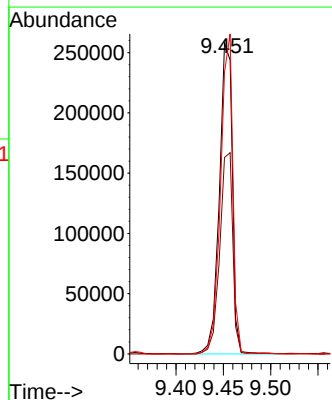
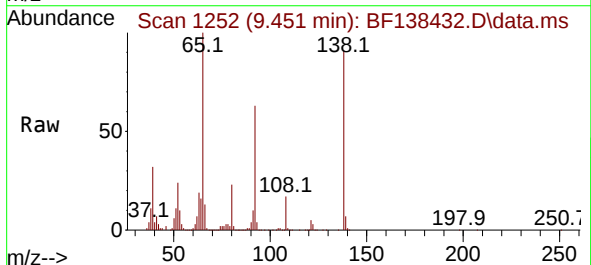
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

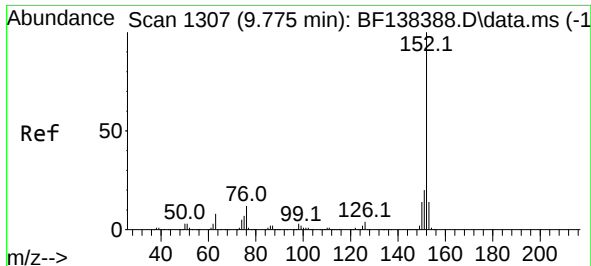
Tgt Ion:162 Resp: 819014
Ion Ratio Lower Upper
162 100
127 42.6 32.7 49.1
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 43.541 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion: 65 Resp: 246544
Ion Ratio Lower Upper
65 100
92 63.2 52.6 79.0
138 90.7 77.4 116.0





#49

Acenaphthylene

Concen: 50.071 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

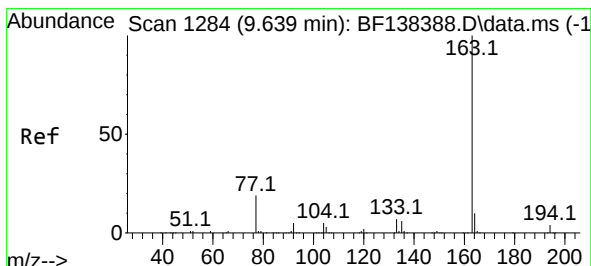
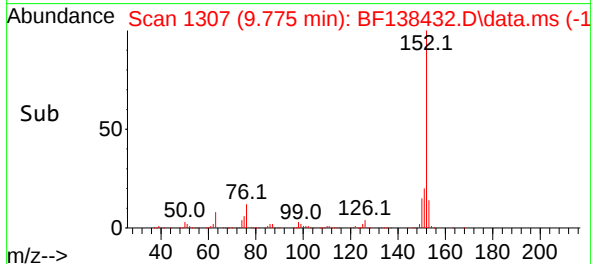
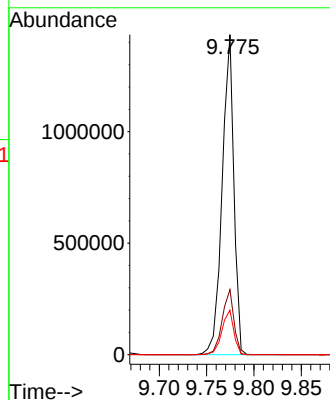
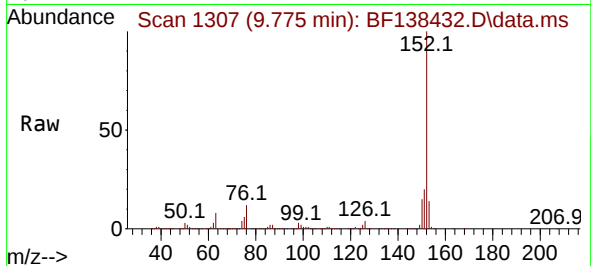
Tgt Ion:152 Resp: 1236120

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.9 11.4 17.2



#50

Dimethylphthalate

Concen: 48.597 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

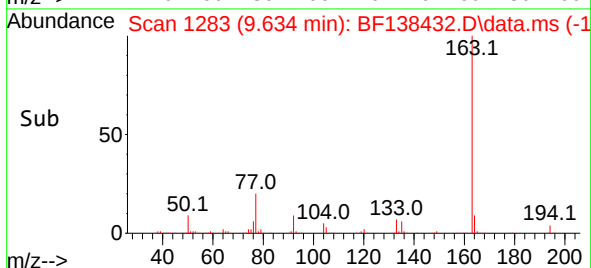
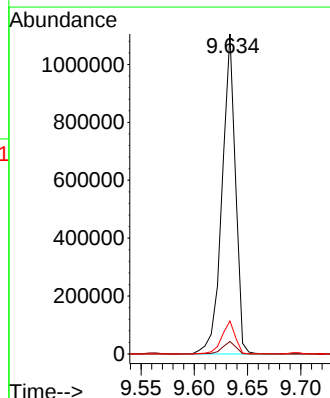
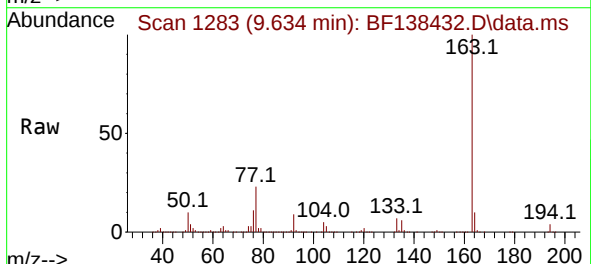
Tgt Ion:163 Resp: 963047

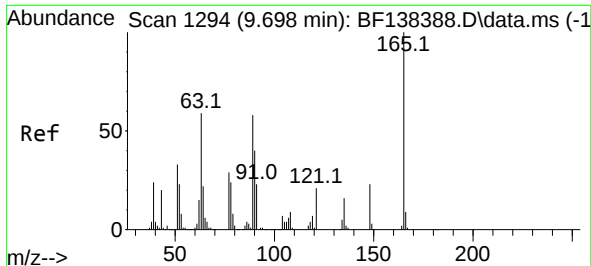
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.3 8.2 12.4

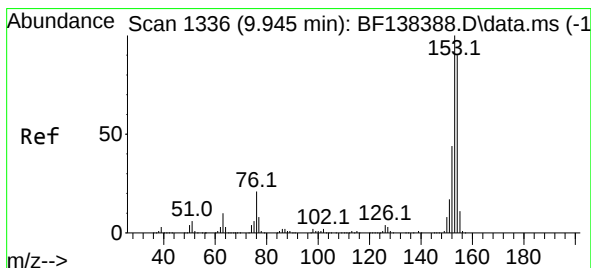
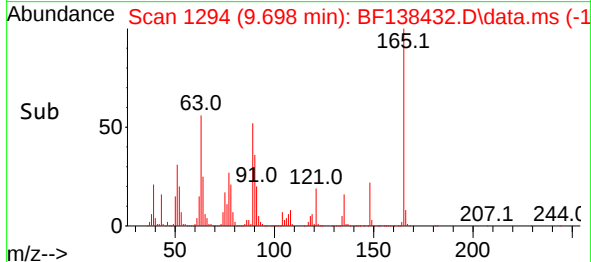
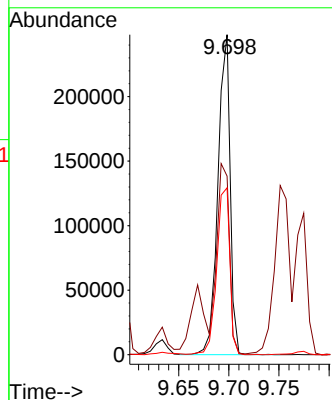
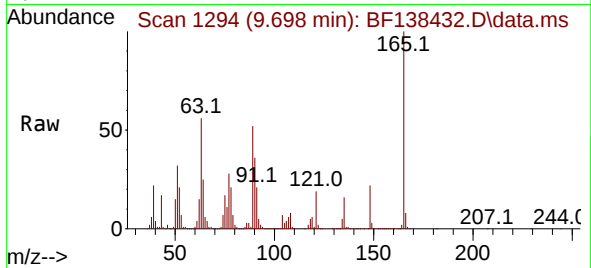




#51
2,6-Dinitrotoluene
Concen: 47.175 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

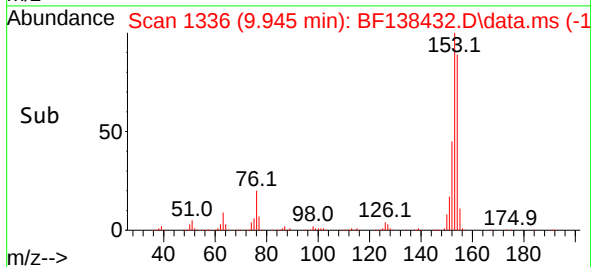
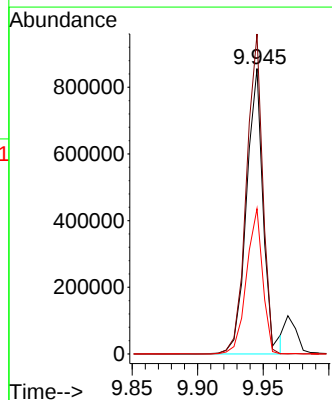
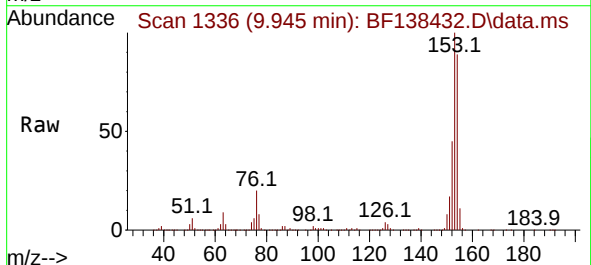
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

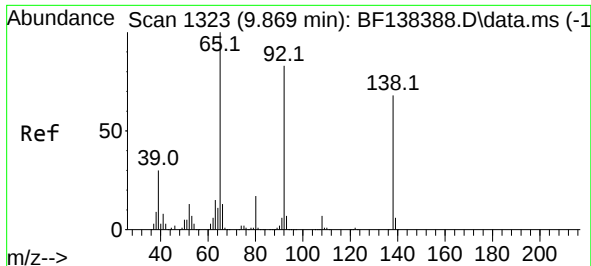
Tgt Ion:165 Resp: 209375
Ion Ratio Lower Upper
165 100
63 55.8 53.8 80.8
89 52.1 46.4 69.6



#52
Acenaphthene
Concen: 44.997 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:154 Resp: 760645
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.0
152 50.9 39.7 59.5

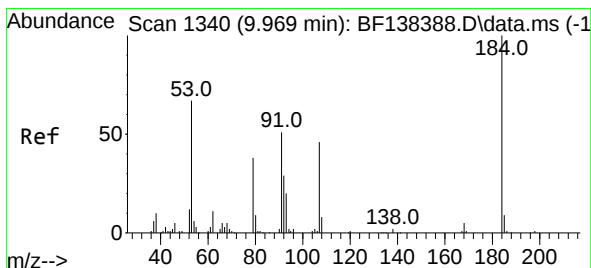
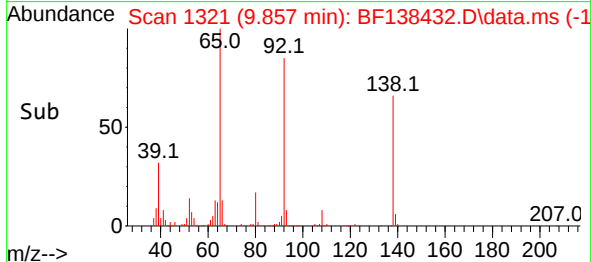
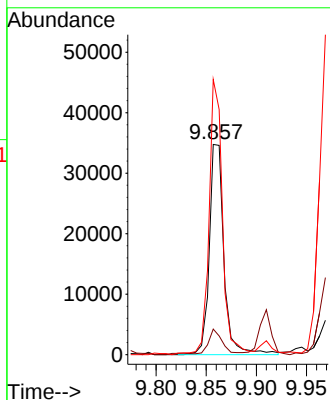
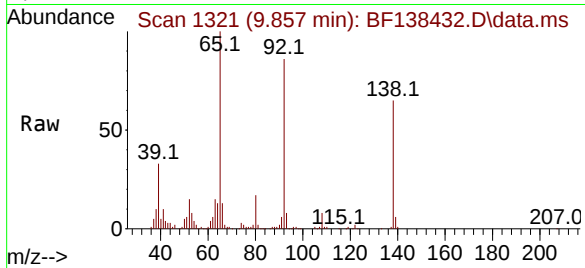




#53
3-Nitroaniline
Concen: 8.096 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

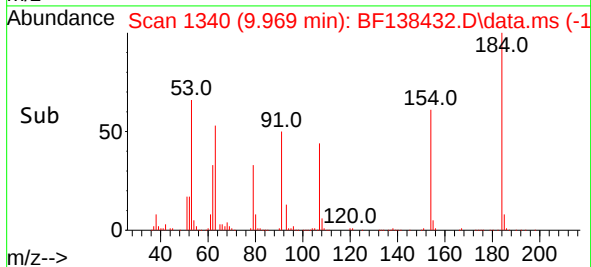
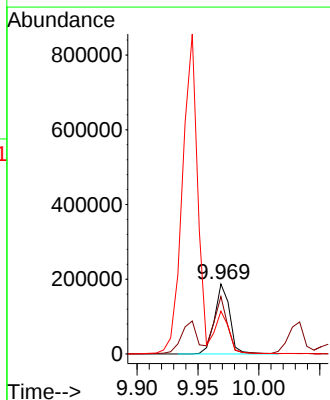
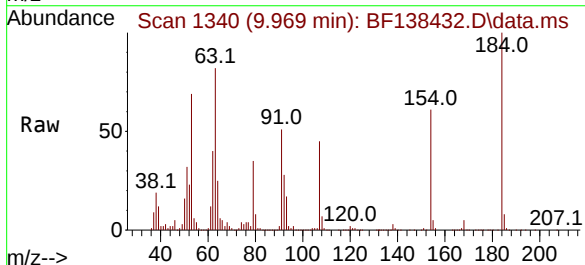
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

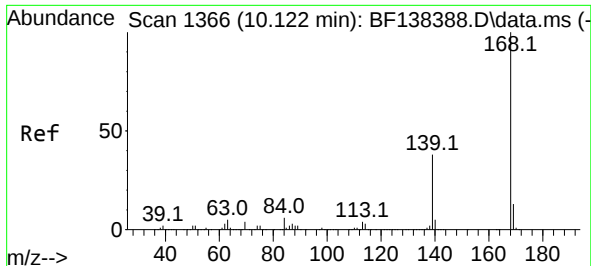
Tgt Ion:138 Resp: 35486
Ion Ratio Lower Upper
138 100
108 12.2 8.6 12.8
92 130.9 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 86.307 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:184 Resp: 163507
Ion Ratio Lower Upper
184 100
63 82.1 67.3 100.9
154 61.3 51.0 76.4

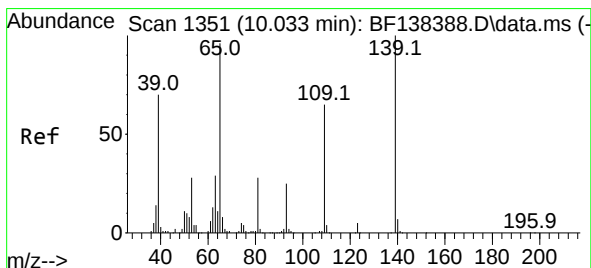
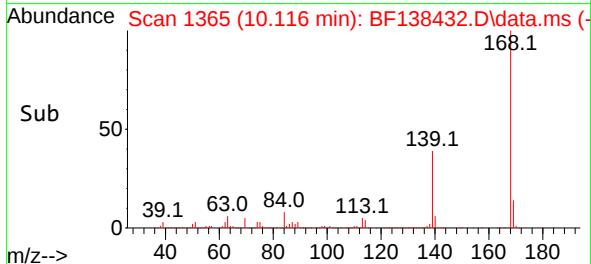
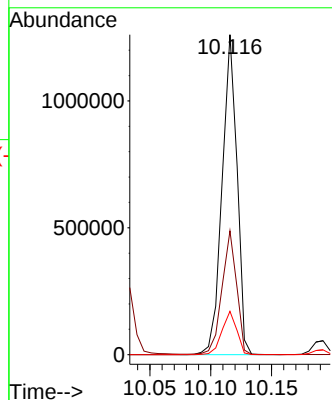
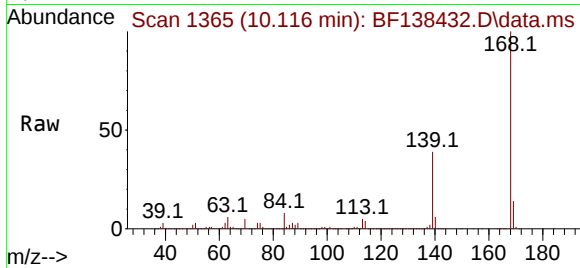




#55
Dibenzofuran
Concen: 46.122 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

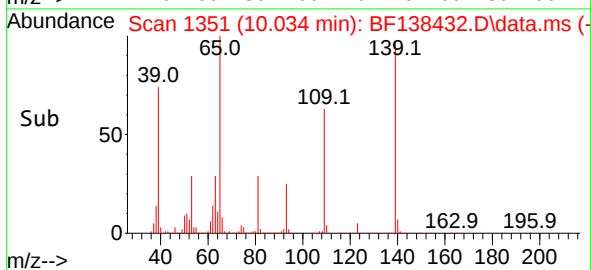
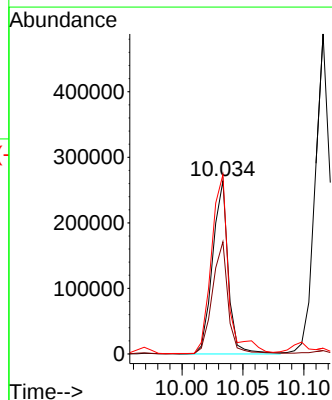
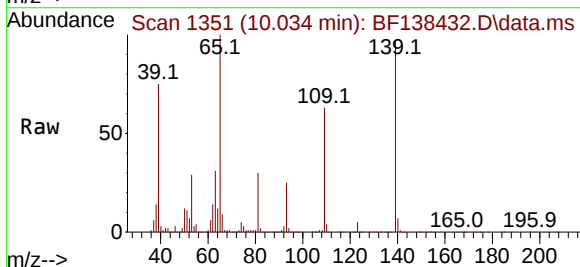
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

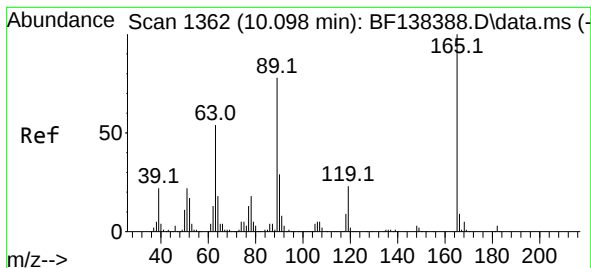
Tgt Ion:168 Resp: 1074227
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 83.007 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:139 Resp: 235913
Ion Ratio Lower Upper
139 100
109 64.7 44.6 84.6
65 103.6 75.9 115.9

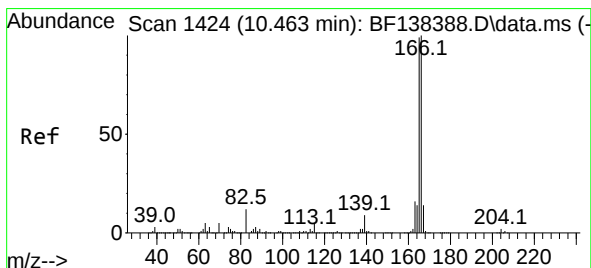
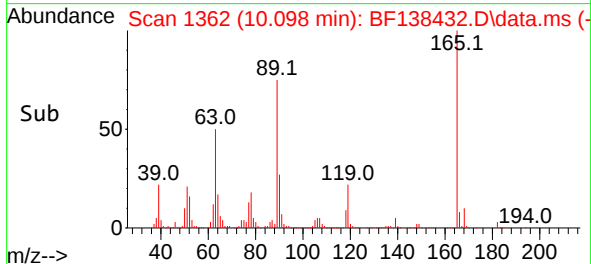
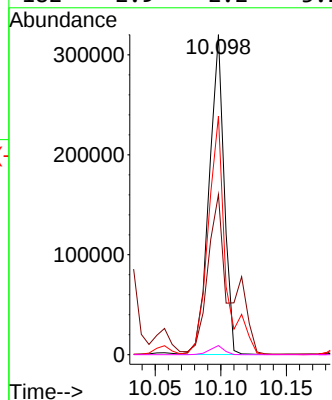
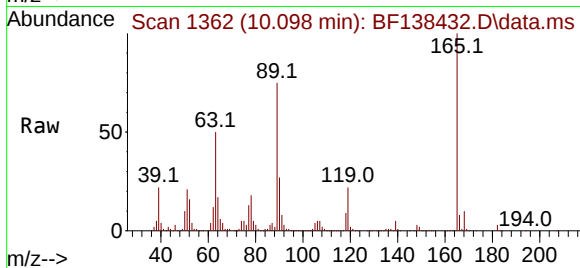




#57
2,4-Dinitrotoluene
Concen: 46.694 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

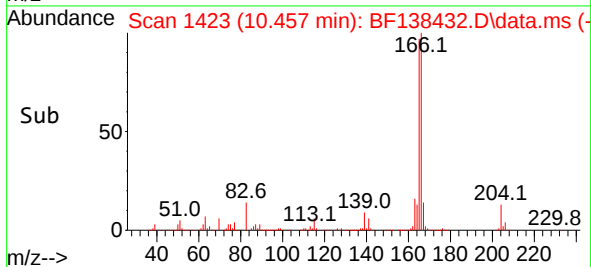
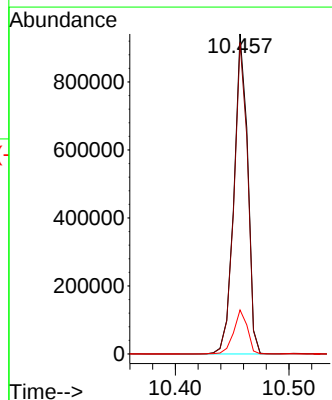
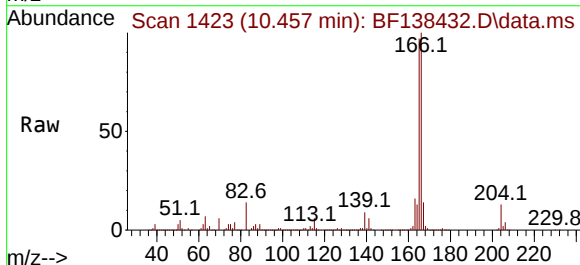
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BNA_F
ClientSampleId :
WC-2040627MS

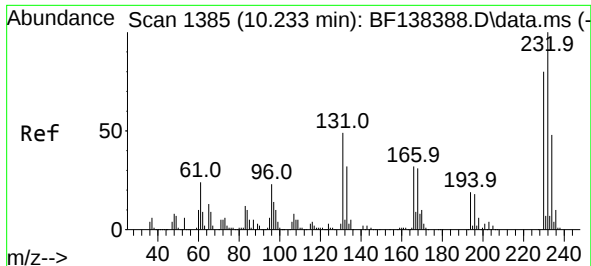
Tgt Ion:165 Resp: 255167
Ion Ratio Lower Upper
165 100
63 50.1 43.4 65.2
89 74.6 62.6 93.8
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.385 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:166 Resp: 784405
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 13.8 10.8 16.2

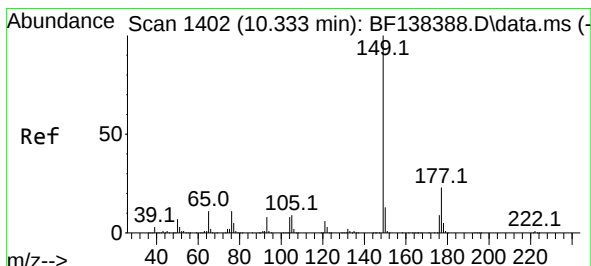
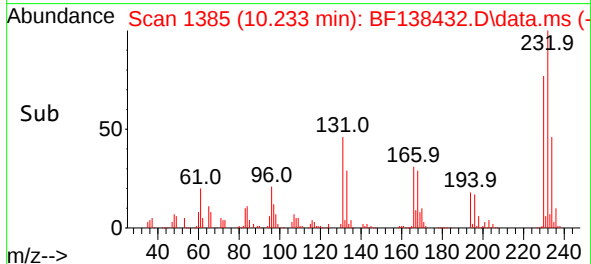
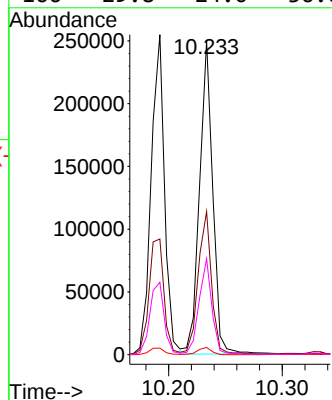
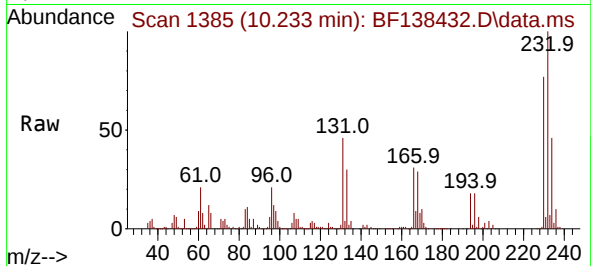




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

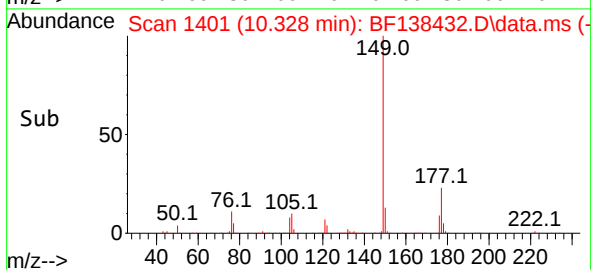
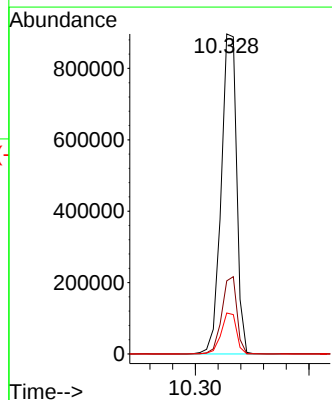
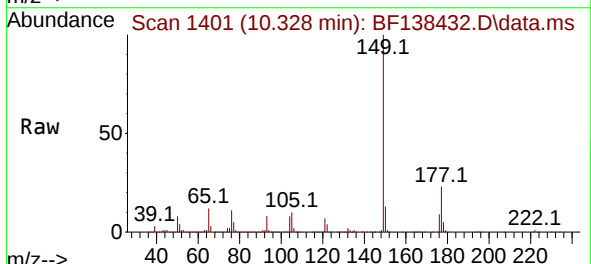
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

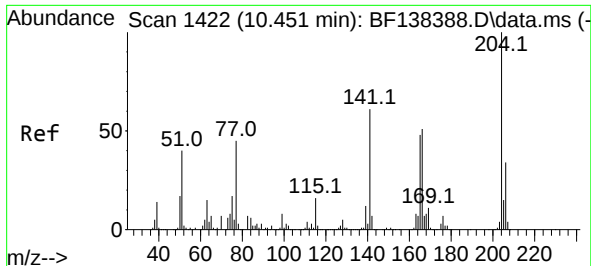
Tgt Ion:232 Resp: 202110
Ion Ratio Lower Upper
232 100
131 46.2 36.6 55.0
130 2.4 1.8 2.8
166 29.8 24.0 36.0



#60
Diethylphthalate
Concen: 45.925 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:149 Resp: 850882
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.8 10.2 15.2

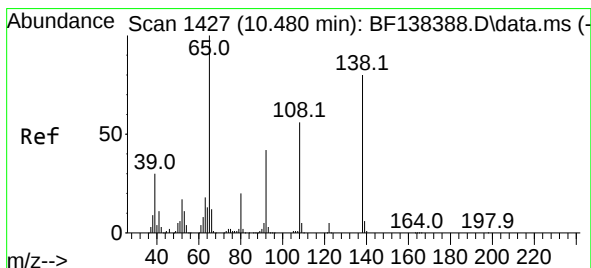
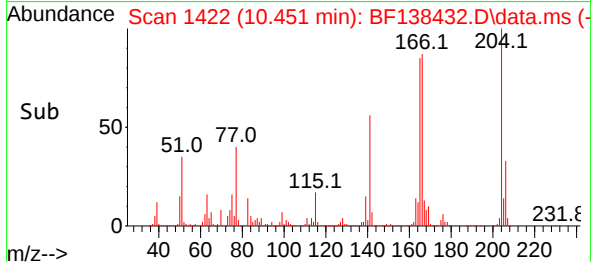
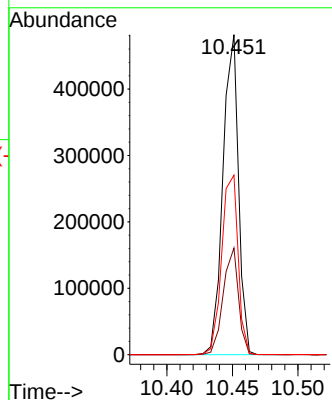
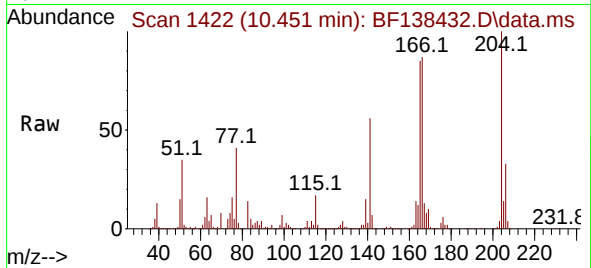




#61
4-Chlorophenyl-phenylether
Concen: 42.170 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

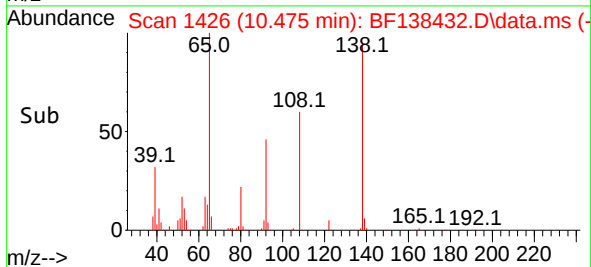
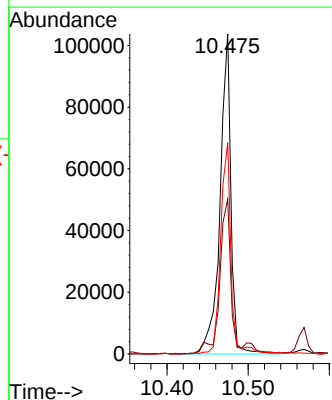
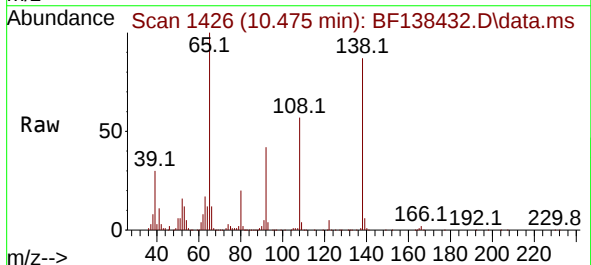
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

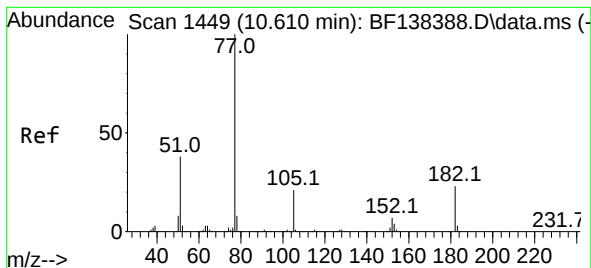
Tgt Ion:204 Resp: 395974
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 56.1 48.4 72.6



#62
4-Nitroaniline
Concen: 24.235 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:138 Resp: 97506
Ion Ratio Lower Upper
138 100
92 48.4 32.6 72.6
108 66.0 50.3 90.3





#63

Azobenzene

Concen: 44.484 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

Tgt Ion: 77 Resp: 870419

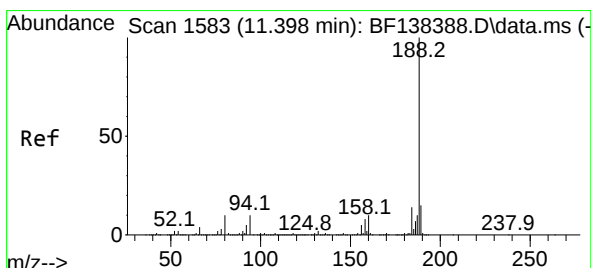
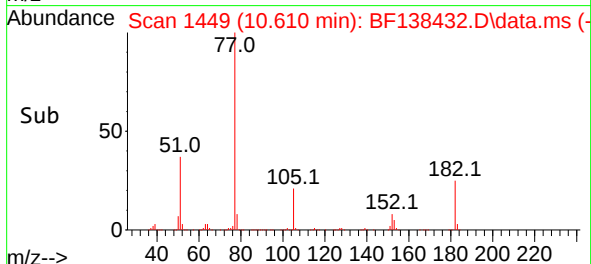
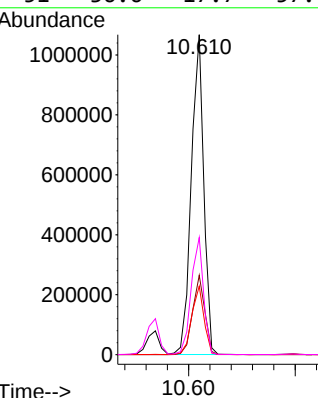
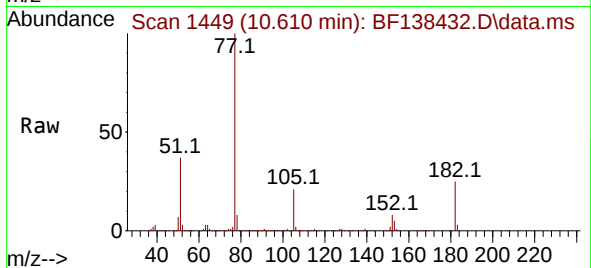
Ion Ratio Lower Upper

77 100

182 24.8 2.7 42.7

105 21.4 0.6 40.6

51 36.6 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

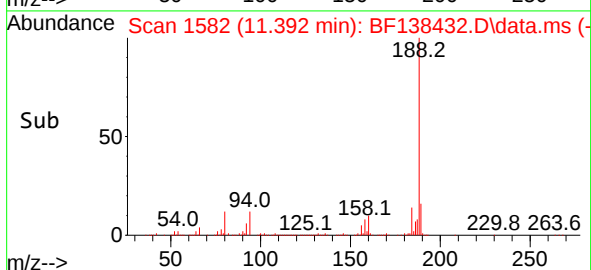
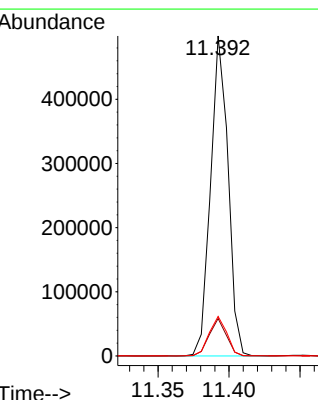
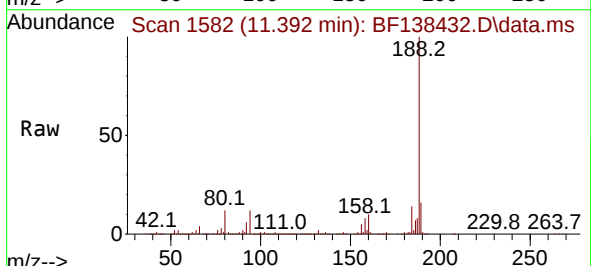
Tgt Ion: 188 Resp: 426498

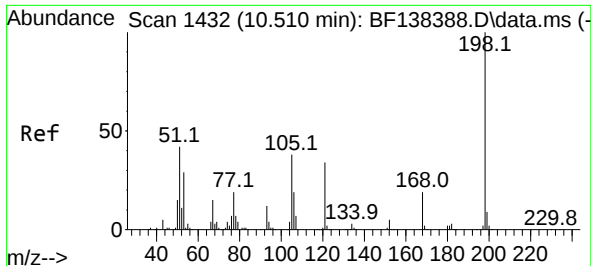
Ion Ratio Lower Upper

188 100

94 11.7 8.0 12.0

80 12.4 8.2 12.4#

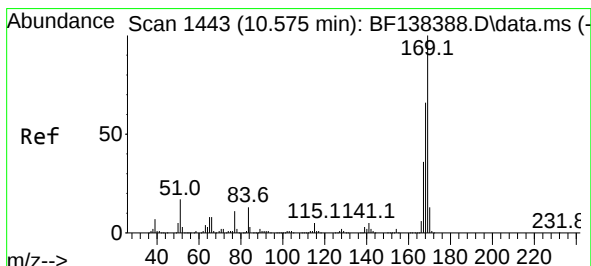
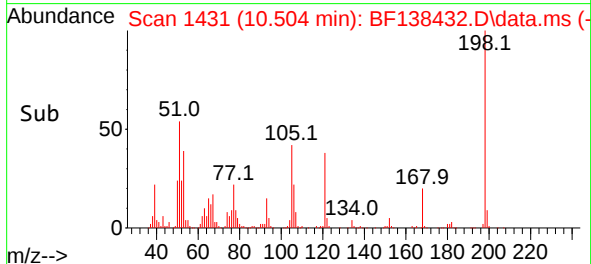
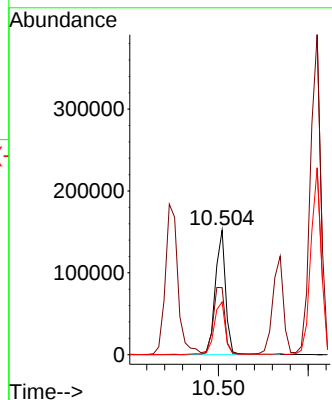
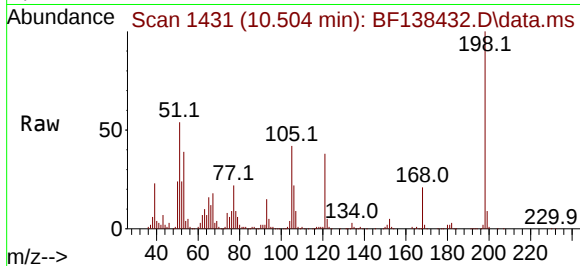




#65
4,6-Dinitro-2-methylphenol
Concen: 52.350 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

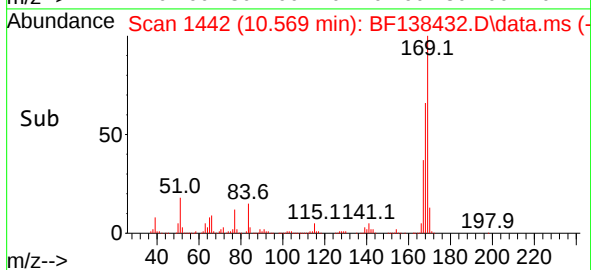
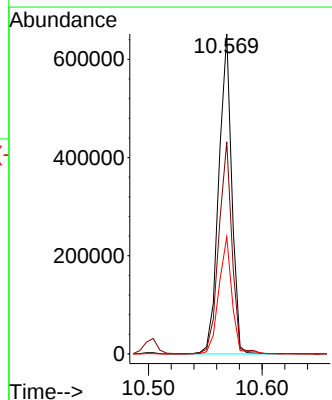
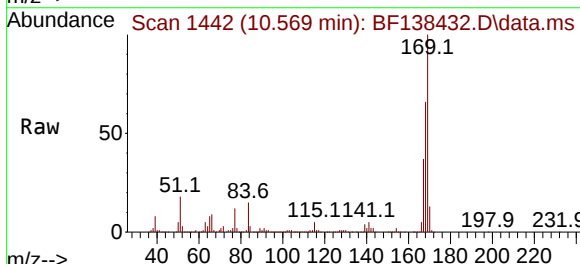
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

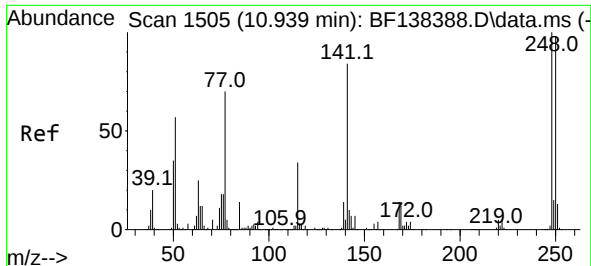
Tgt Ion:198 Resp: 120914
Ion Ratio Lower Upper
198 100
51 53.9 27.9 67.9
105 42.3 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 39.154 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:169 Resp: 518423
Ion Ratio Lower Upper
169 100
168 66.3 52.5 78.7
167 36.6 28.8 43.2

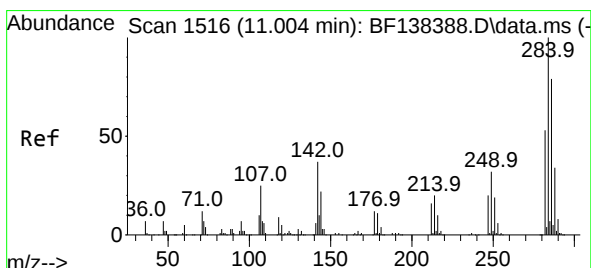
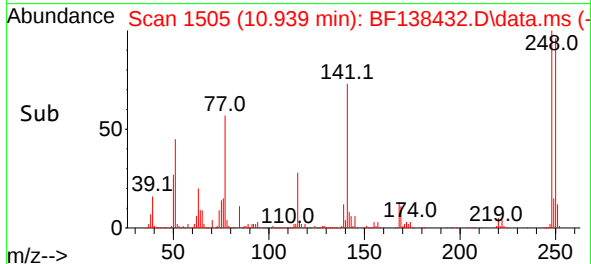
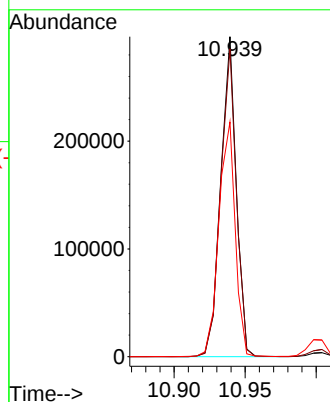
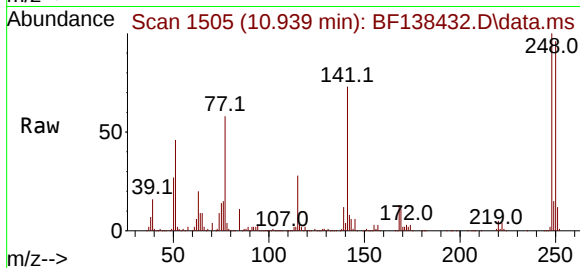




#67
4-Bromophenyl-phenylether
Concen: 49.314 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

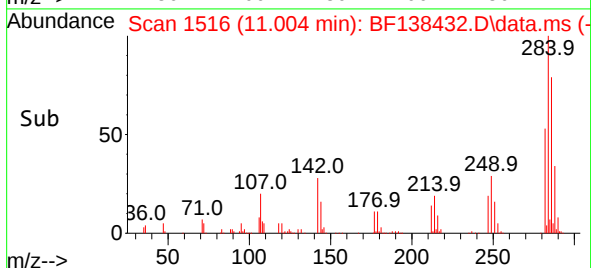
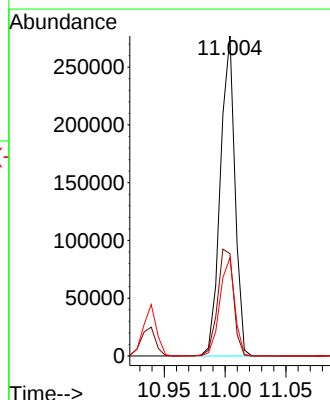
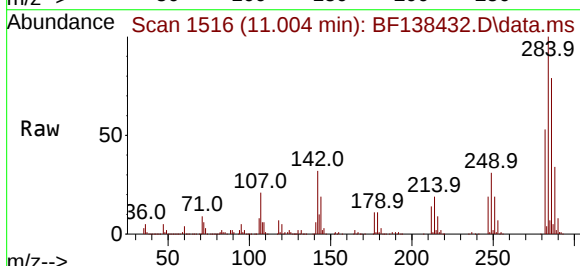
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

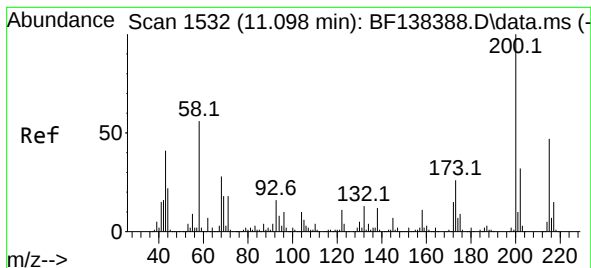
Tgt Ion:248 Resp: 226071
Ion Ratio Lower Upper
248 100
250 96.2 78.2 117.4
141 73.3 67.6 101.4



#68
Hexachlorobenzene
Concen: 45.848 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:284 Resp: 231662
Ion Ratio Lower Upper
284 100
142 32.0 29.2 43.8
249 30.7 25.8 38.6





#69

Atrazine

Concen: 15.693 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

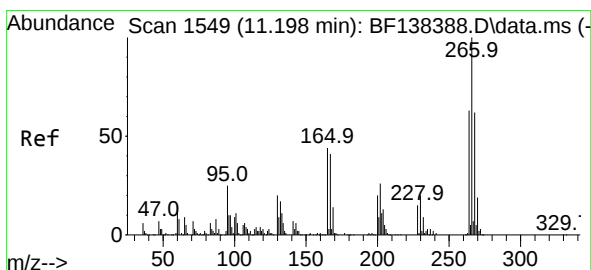
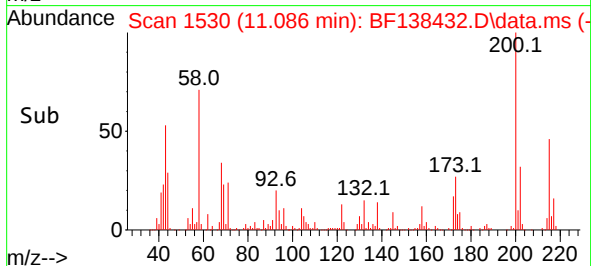
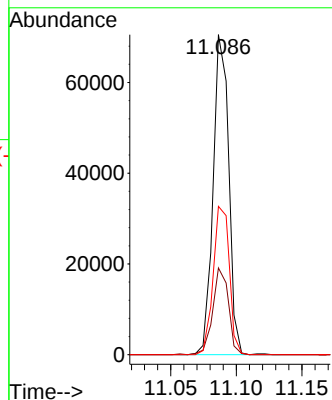
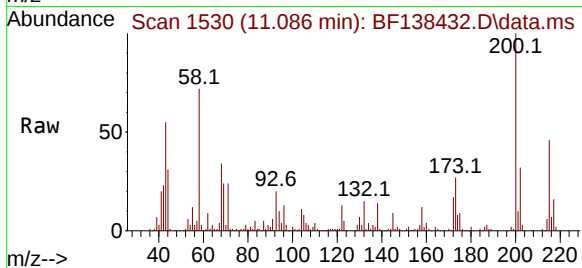
Tgt Ion:200 Resp: 58258

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

215 46.4 27.4 67.4



#70

Pentachlorophenol

Concen: 97.626 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

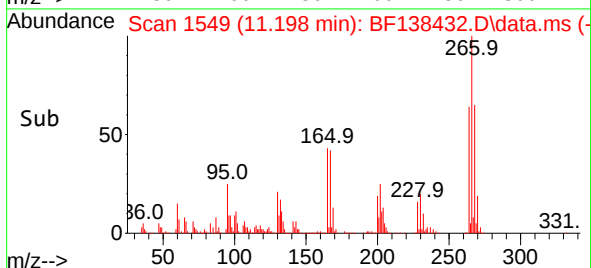
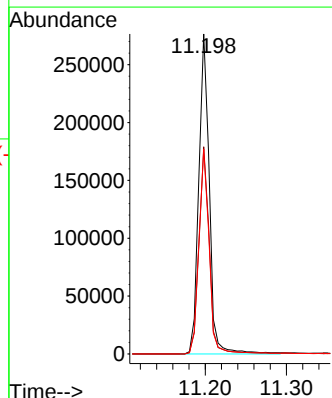
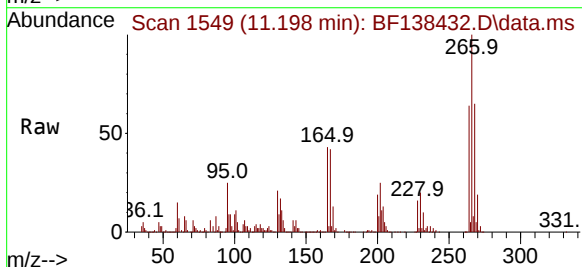
Tgt Ion:266 Resp: 250366

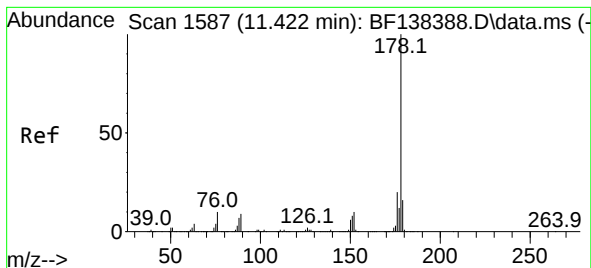
Ion Ratio Lower Upper

266 100

268 64.7 49.9 74.9

264 64.1 50.0 75.0

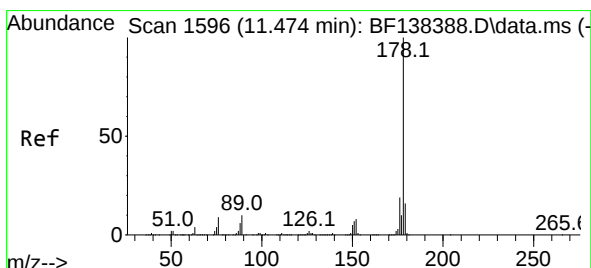
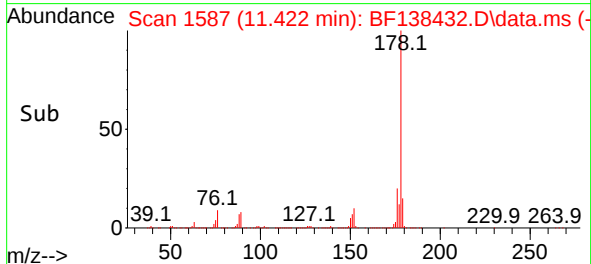
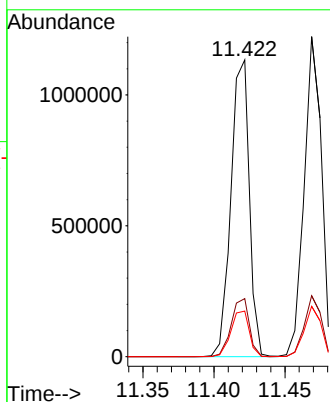
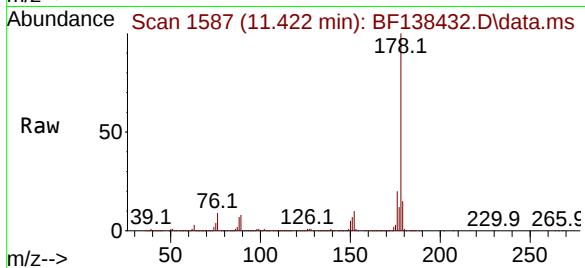




#71
Phenanthrene
Concen: 49.209 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

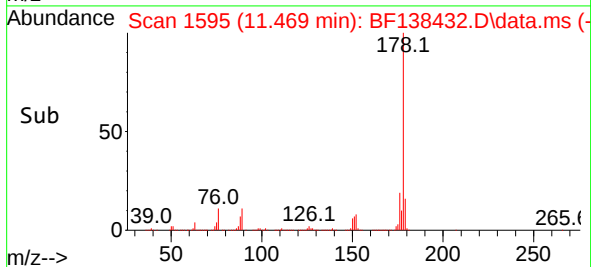
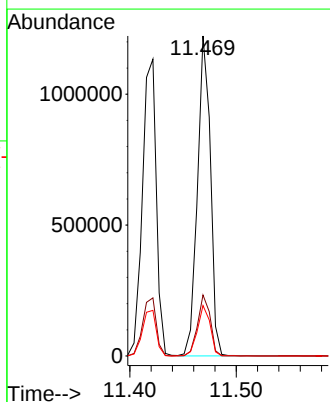
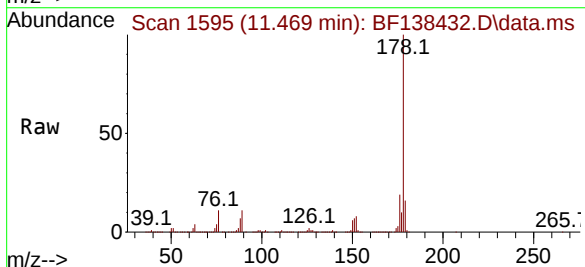
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

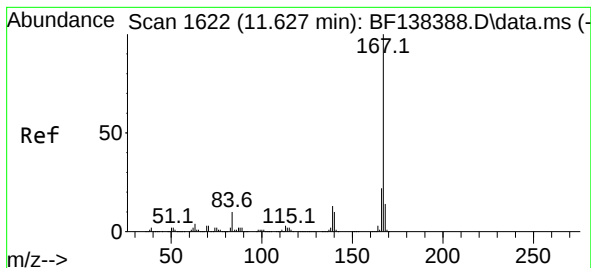
Tgt Ion:178 Resp: 1024710
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.4 12.6 18.8



#72
Anthracene
Concen: 49.866 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.005 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:178 Resp: 1035549
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.8 12.7 19.1





#73

Carbazole

Concen: 40.682 ng

RT: 11.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

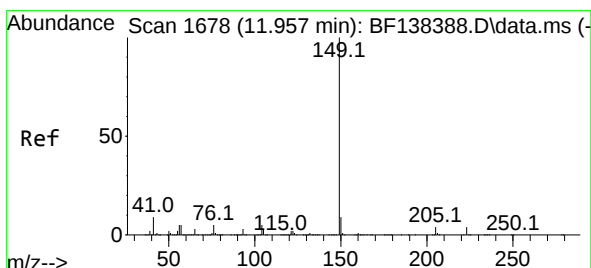
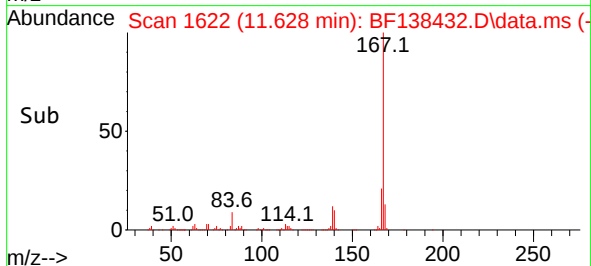
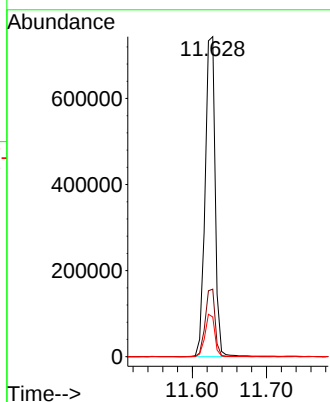
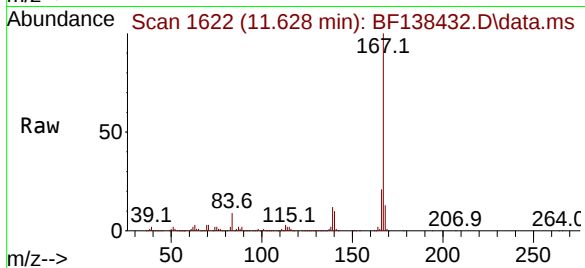
Tgt Ion:167 Resp: 701390

Ion Ratio Lower Upper

167 100

166 21.1 17.7 26.5

139 12.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 50.271 ng

RT: 11.951 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

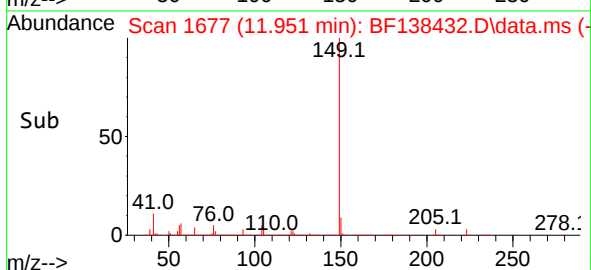
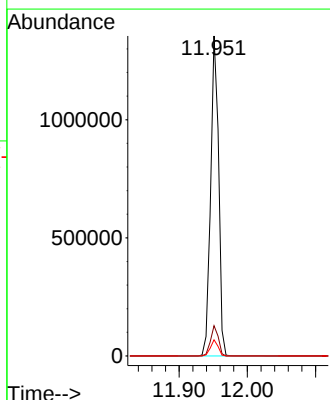
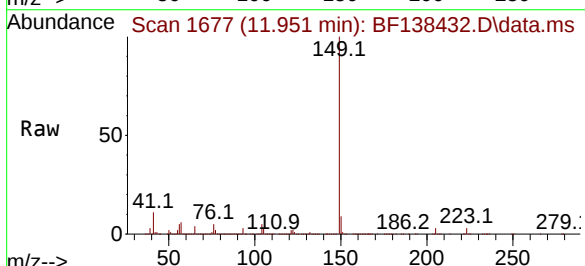
Tgt Ion:149 Resp: 1098372

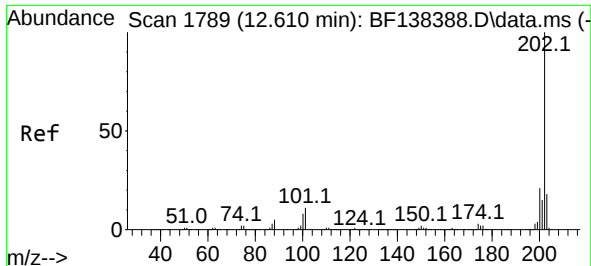
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

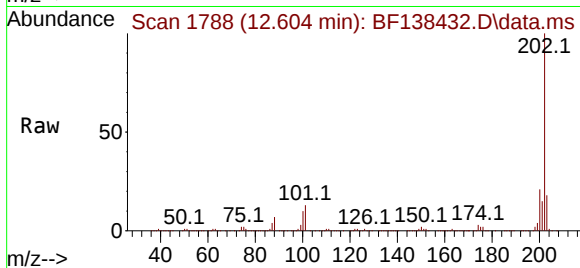
104 5.1 3.8 5.8



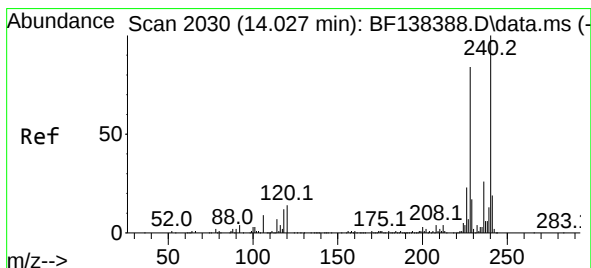
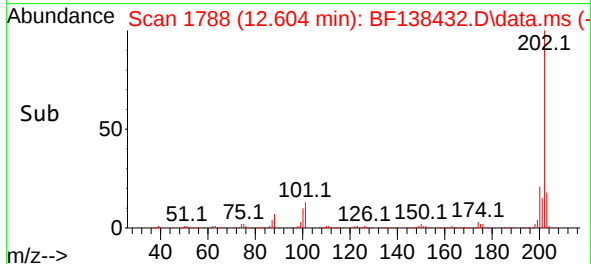
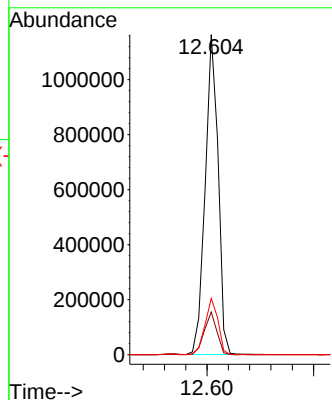


#75
Fluoranthene
Concen: 52.704 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

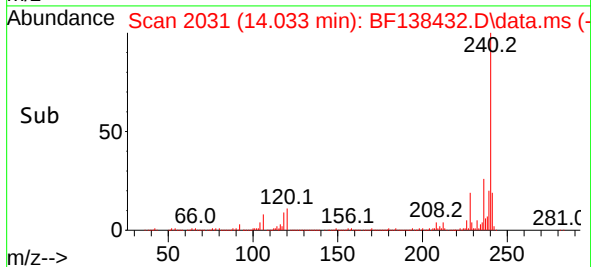
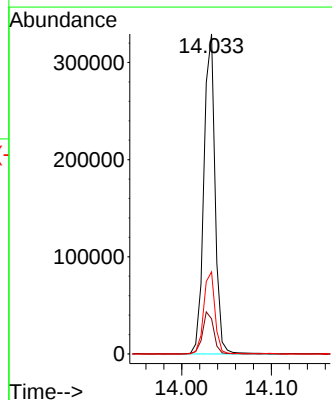
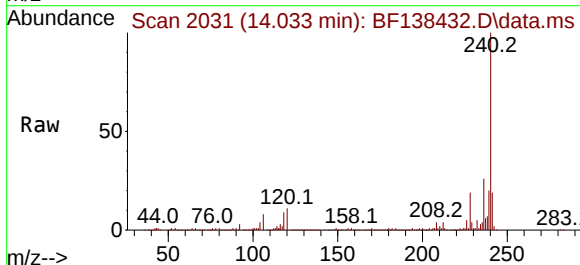


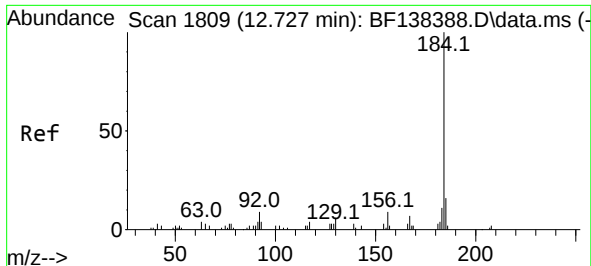
Tgt Ion:202 Resp: 983909
Ion Ratio Lower Upper
202 100
101 13.3 0.0 30.5
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:240 Resp: 285448
Ion Ratio Lower Upper
240 100
120 11.0 10.9 16.3
236 25.7 20.6 30.8

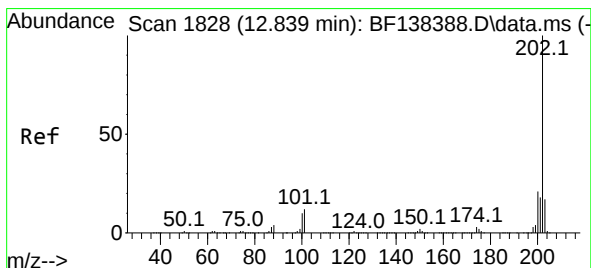
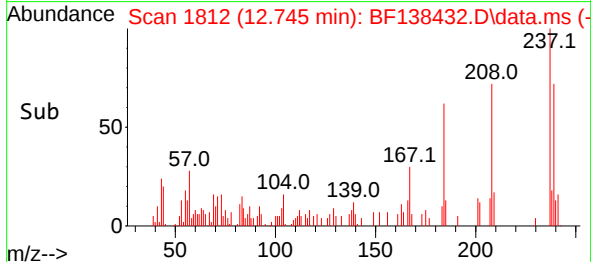
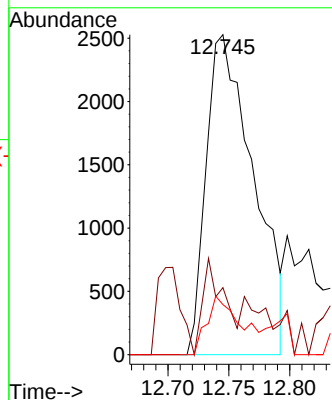
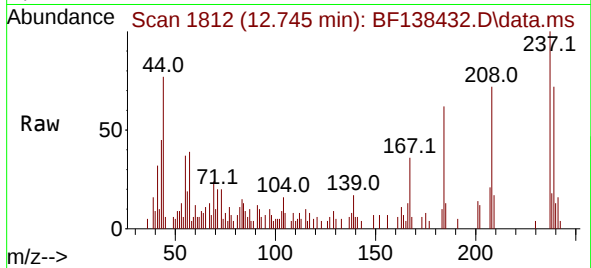




#77
Benzidine
Concen: 2.992 ng
RT: 12.745 min Scan# 1809
Delta R.T. 0.018 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

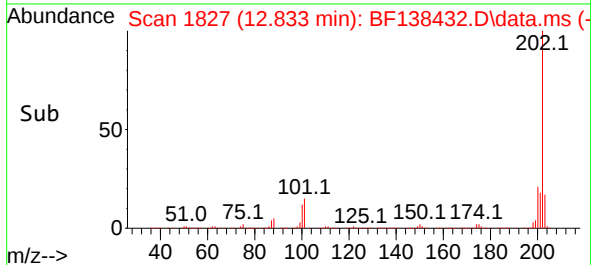
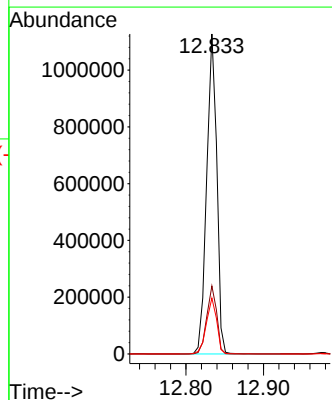
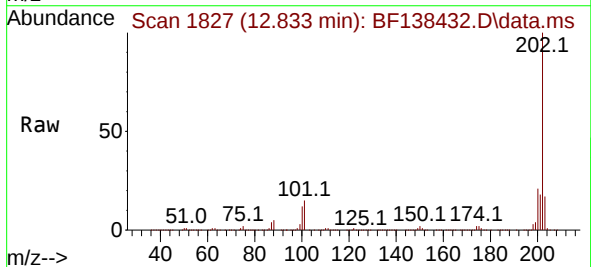
Instrument :
BNA_F
ClientSampleId :
WC-2040627MS

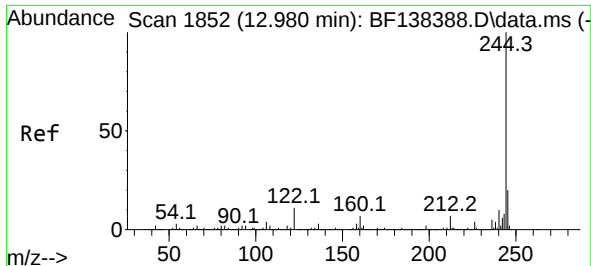
Tgt Ion:184 Resp: 6830
Ion Ratio Lower Upper
184 100
185 21.0 13.0 19.4#
183 15.6 9.0 13.6#



#78
Pyrene
Concen: 33.398 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138432.D
Acq: 02 Jul 2024 17:41

Tgt Ion:202 Resp: 1018940
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 13.8 20.8

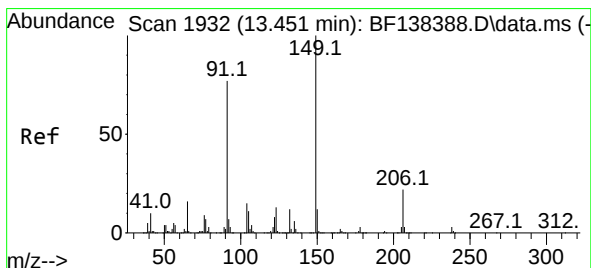
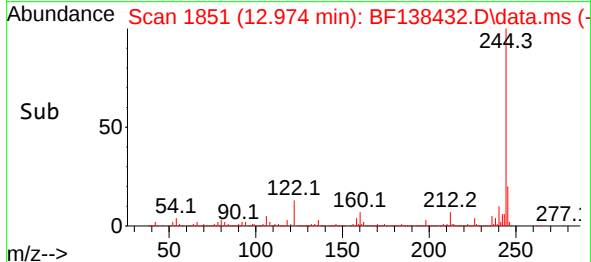
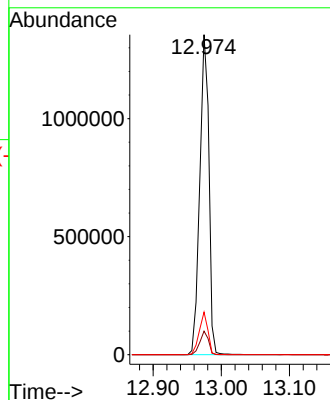
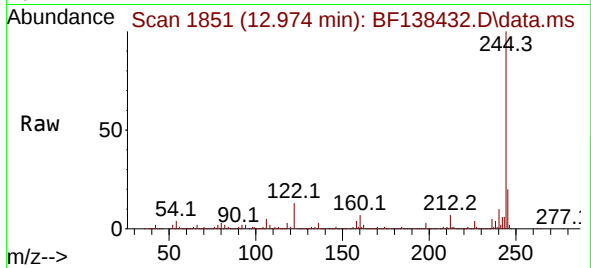




#79
 Terphenyl-d14
 Concen: 60.581 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

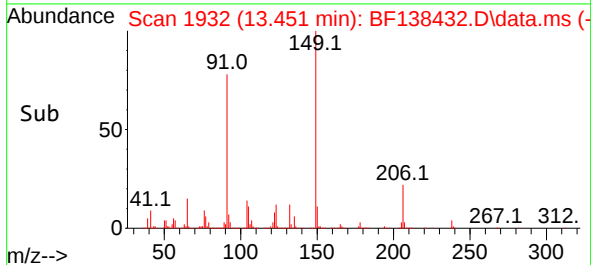
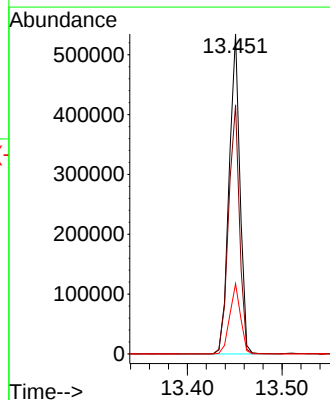
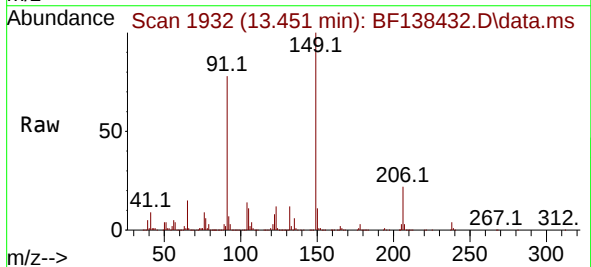
Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627MS

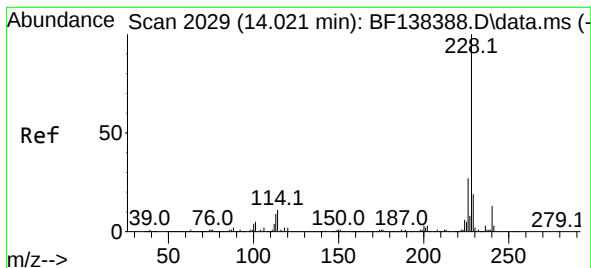
Tgt Ion:244 Resp: 1261859
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 13.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.950 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

Tgt Ion:149 Resp: 426585
 Ion Ratio Lower Upper
 149 100
 91 77.8 62.0 93.0
 206 21.9 17.6 26.4





#81

Benzo(a)anthracene

Concen: 49.289 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

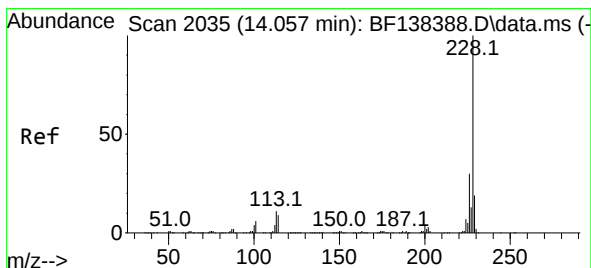
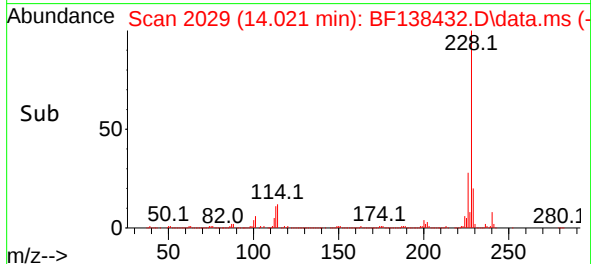
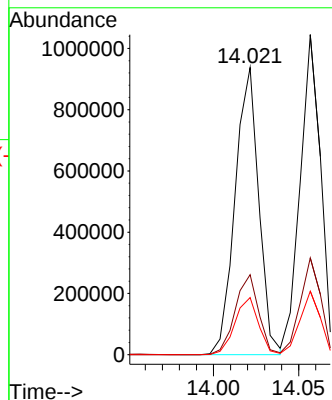
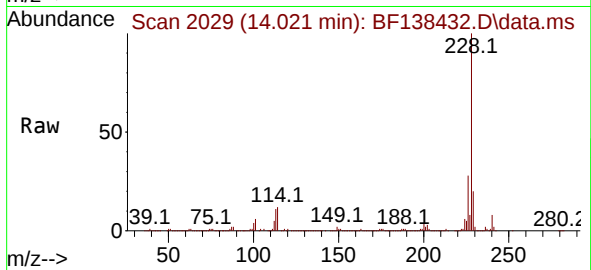
Tgt Ion:228 Resp: 905578

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 19.9 15.5 23.3



#83

Chrysene

Concen: 49.411 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

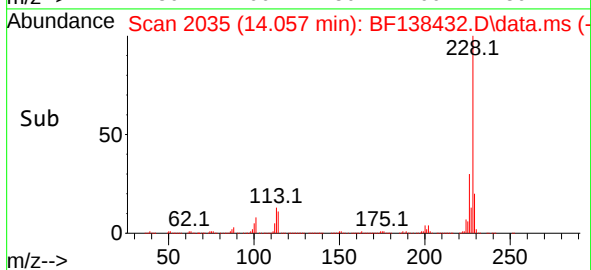
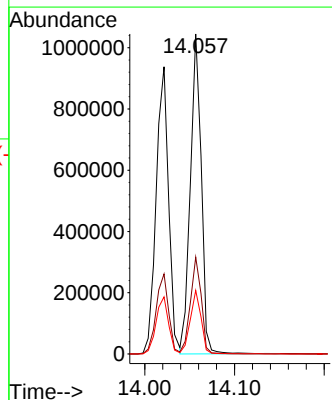
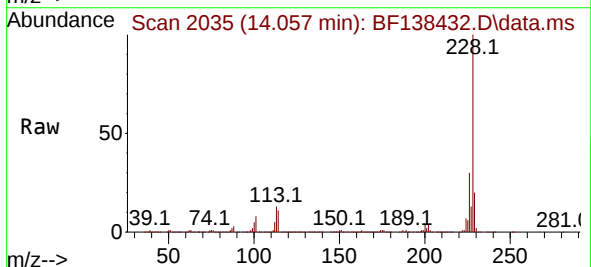
Tgt Ion:228 Resp: 883370

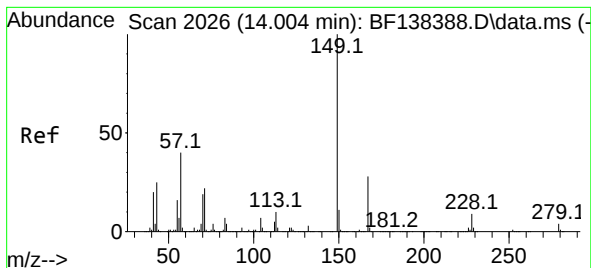
Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.8 15.2 22.8

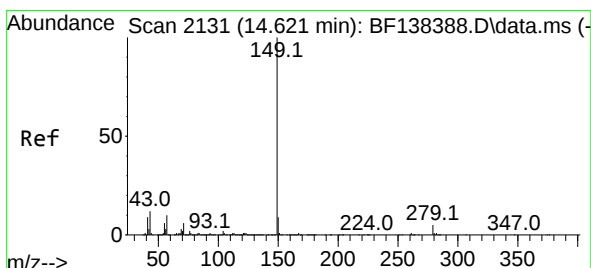
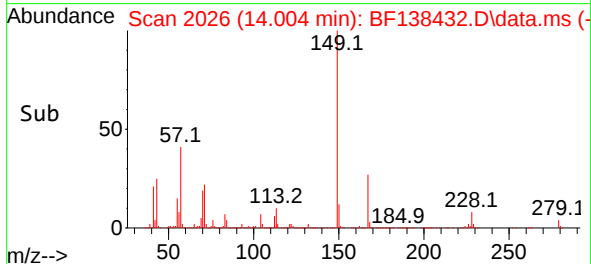
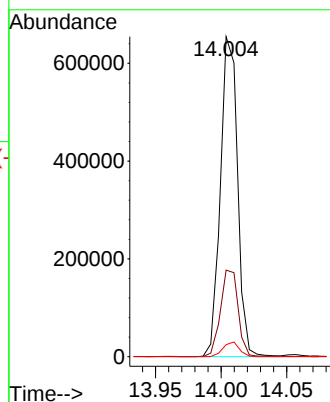
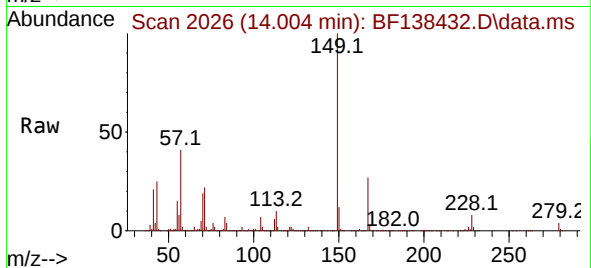




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.139 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

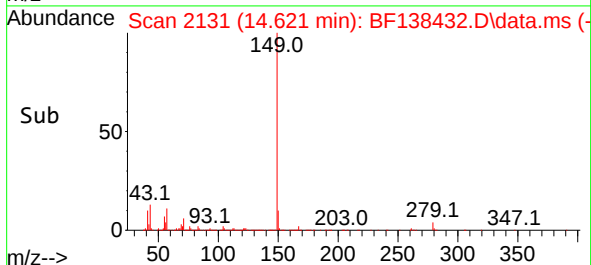
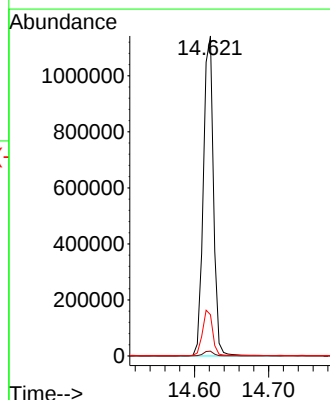
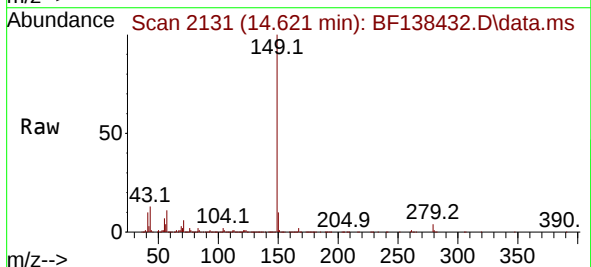
Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627MS

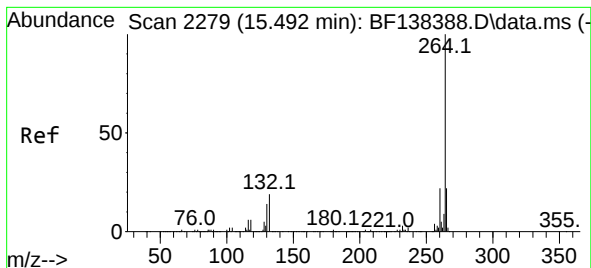
Tgt Ion:149 Resp: 595377
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.6 33.8
 279 3.8 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 53.054 ng
 RT: 14.621 min Scan# 2131
 Delta R.T. 0.000 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

Tgt Ion:149 Resp: 1081153
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 14.1 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

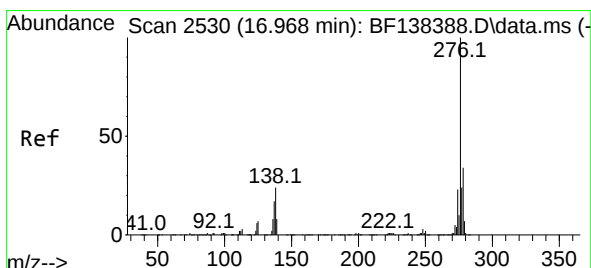
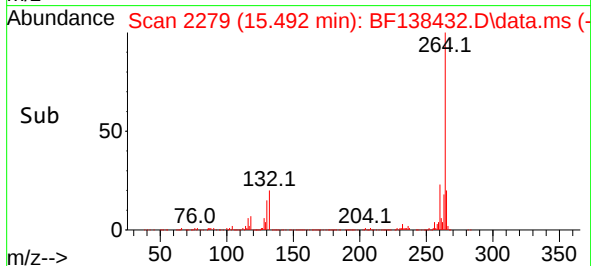
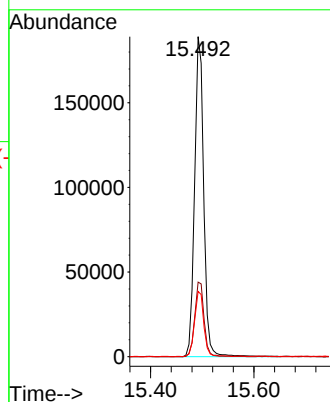
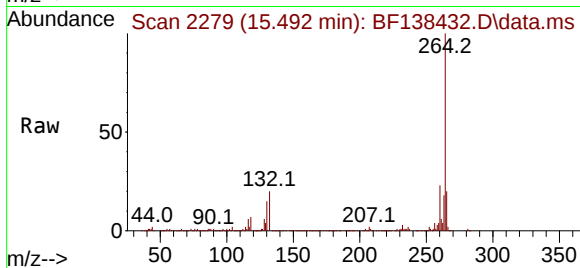
Tgt Ion:264 Resp: 231599

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 20.4 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 53.732 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.006 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

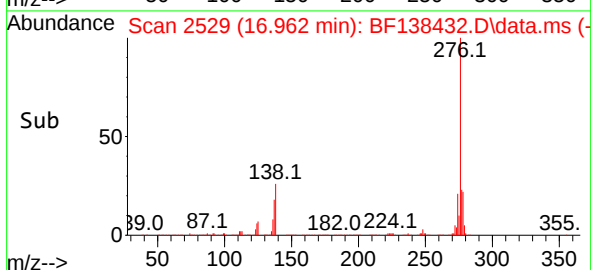
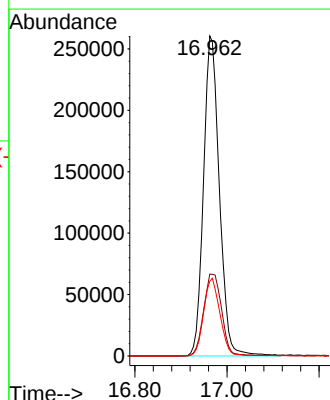
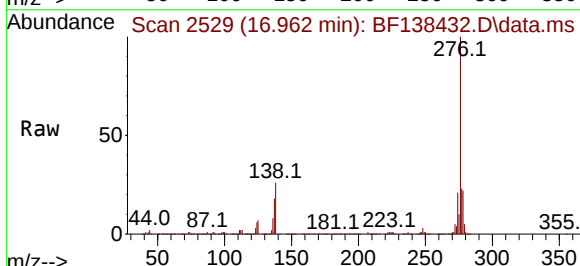
Tgt Ion:276 Resp: 625276

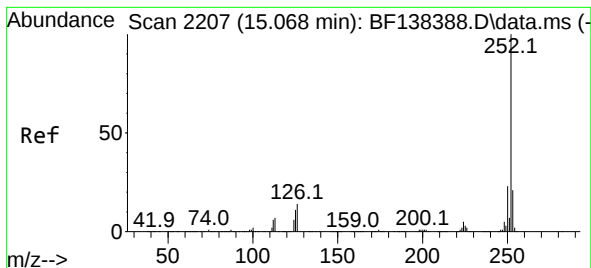
Ion Ratio Lower Upper

276 100

138 28.9 22.1 33.1

277 24.8 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 58.798 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

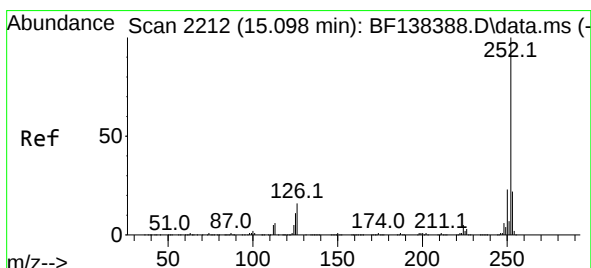
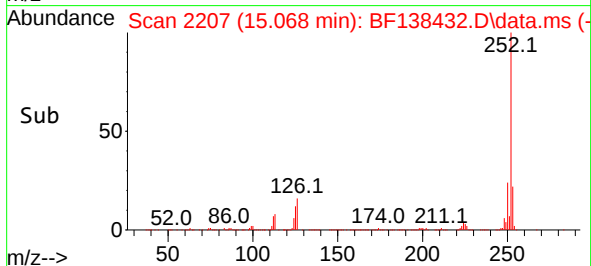
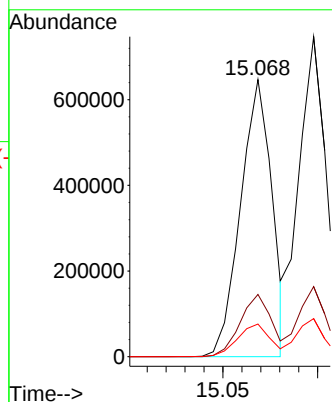
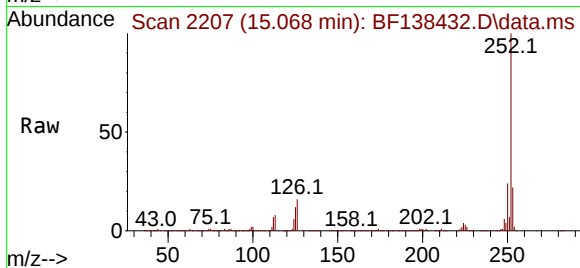
Tgt Ion:252 Resp: 747146

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 11.8 8.6 12.8



#89

Benzo(k)fluoranthene

Concen: 65.314 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

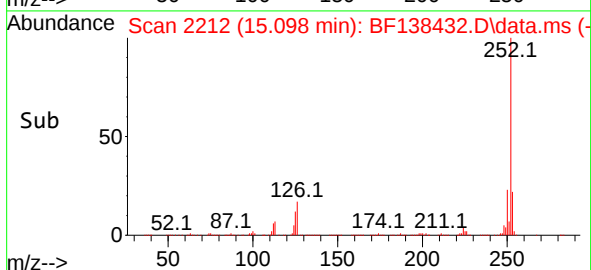
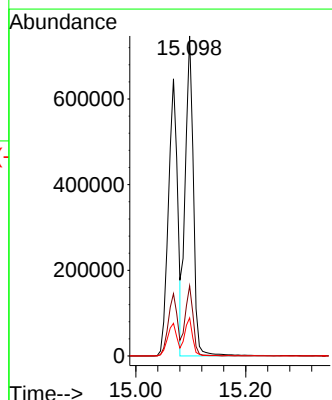
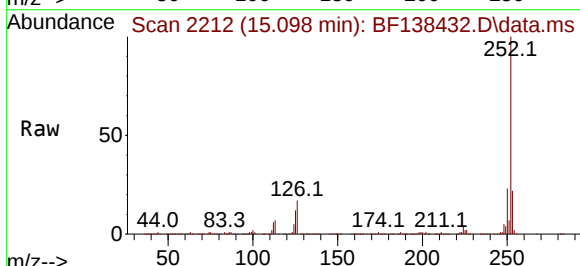
Tgt Ion:252 Resp: 764435

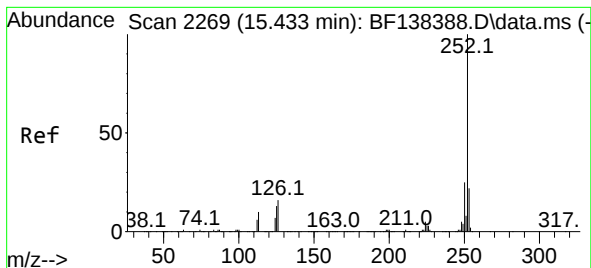
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.9 8.7 13.1





#90

Benzo(a)pyrene

Concen: 56.529 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

Instrument :

BNA_F

ClientSampleId :

WC-2040627MS

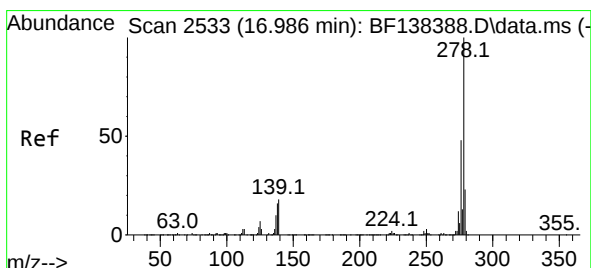
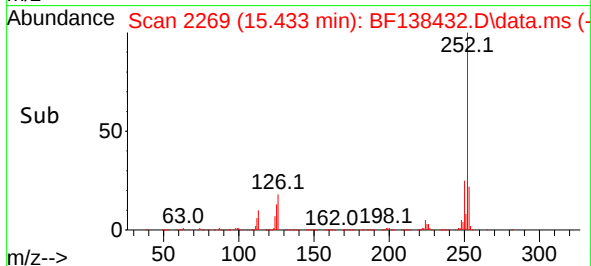
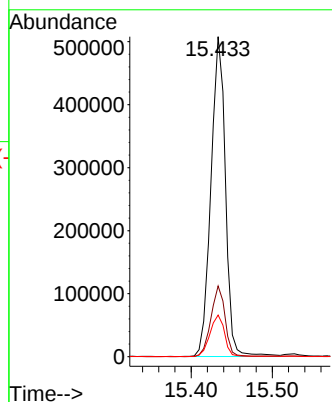
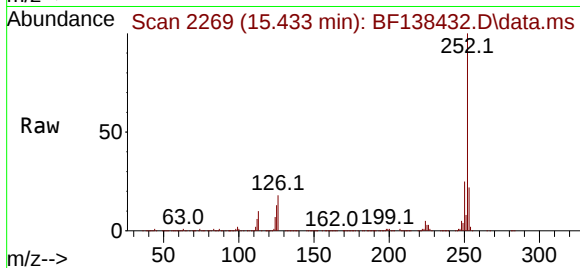
Tgt Ion:252 Resp: 629606

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 13.0 10.2 15.2



#91

Dibenzo(a,h)anthracene

Concen: 55.145 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.000 min

Lab File: BF138432.D

Acq: 02 Jul 2024 17:41

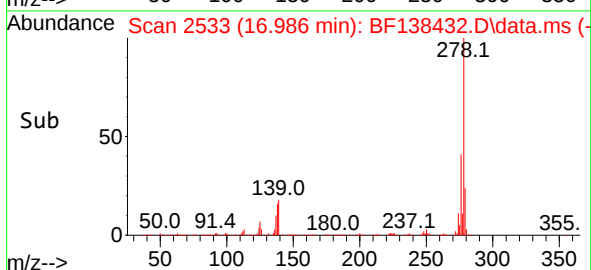
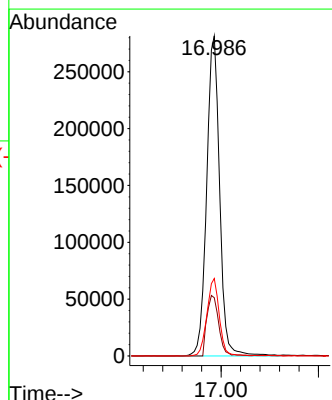
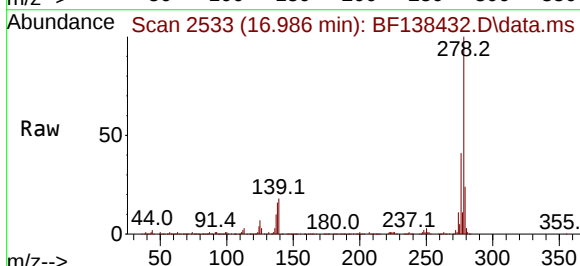
Tgt Ion:278 Resp: 517988

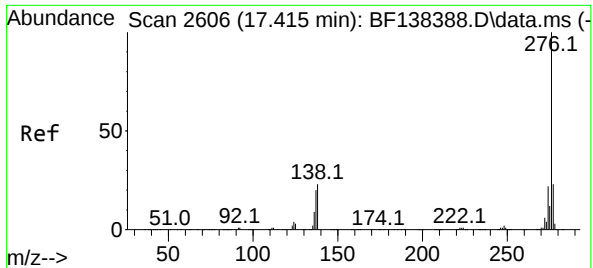
Ion Ratio Lower Upper

278 100

139 18.2 14.3 21.5

279 24.2 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 50.157 ng
 RT: 17.409 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF138432.D
 Acq: 02 Jul 2024 17:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627MS

Tgt Ion:276 Resp: 460897
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.3 27.5
 138 24.7 18.3 27.5

