

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138597.D
 Acq On : 19 Jul 2024 19:02
 Operator : RC/JU
 Sample : P3294-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD

Quant Time: Jul 19 23:18:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	81966	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	319145	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	159516	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	227088	20.000	ng	0.00
76) Chrysene-d12	14.021	240	148124	20.000	ng	0.00
86) Perylene-d12	15.480	264	124759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	583029	112.653	ng	0.00
7) Phenol-d6	6.504	99	784216	113.905	ng	0.00
23) Nitrobenzene-d5	7.428	82	503439	77.450	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	150161	100.723	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	806911	79.059	ng	-0.01
79) Terphenyl-d14	12.963	244	669705	73.656	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	103864	45.313	ng	99
3) Pyridine	3.469	79	266350	47.120	ng	97
4) n-Nitrosodimethylamine	3.428	42	195564	53.146	ng	91
6) Aniline	6.522	93	217239	33.688	ng	# 8
8) 2-Chlorophenol	6.645	128	294335	53.785	ng	97
9) Benzaldehyde	6.410	77	26442	7.175	ng	99
10) Phenol	6.516	94	378777	51.831	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	293823	53.402	ng	98
12) 1,3-Dichlorobenzene	6.798	146	301892	49.078	ng	97
13) 1,4-Dichlorobenzene	6.881	146	306231	49.024	ng	99
14) 1,2-Dichlorobenzene	7.028	146	287578	49.430	ng	97
15) Benzyl Alcohol	7.004	79	280262	54.242	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	534889	49.435	ng	83
17) 2-Methylphenol	7.122	107	228198	50.880	ng	# 90
18) Hexachloroethane	7.369	117	112238	48.876	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	221320	52.024	ng	96
20) 3+4-Methylphenols	7.275	107	291049	51.533	ng	# 89
22) Acetophenone	7.269	105	373584	48.197	ng	98
24) Nitrobenzene	7.445	77	333041	50.418	ng	98
25) Isophorone	7.681	82	591098	52.952	ng	100
26) 2-Nitrophenol	7.757	139	155608	54.962	ng	94
27) 2,4-Dimethylphenol	7.798	122	211052	60.653	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	353759	53.027	ng	98
29) 2,4-Dichlorophenol	8.004	162	227506	50.348	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	246667	46.859	ng	98
31) Naphthalene	8.163	128	826483	49.794	ng	100
32) Benzoic acid	7.934	122	151086	45.524	ng	96
33) 4-Chloroaniline	8.216	127	92674	15.913	ng	98
34) Hexachlorobutadiene	8.275	225	144969	44.723	ng	99
35) Caprolactam	8.586	113	51980	35.649	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	257608	50.923	ng	98
37) 2-Methylnaphthalene	8.857	142	515677	48.278	ng	99
38) 1-Methylnaphthalene	8.957	142	474521	45.520	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	210465	47.340	ng	98
41) Hexachlorocyclopentadiene	9.004	237	107955	74.811	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	145471	51.296	ng	99

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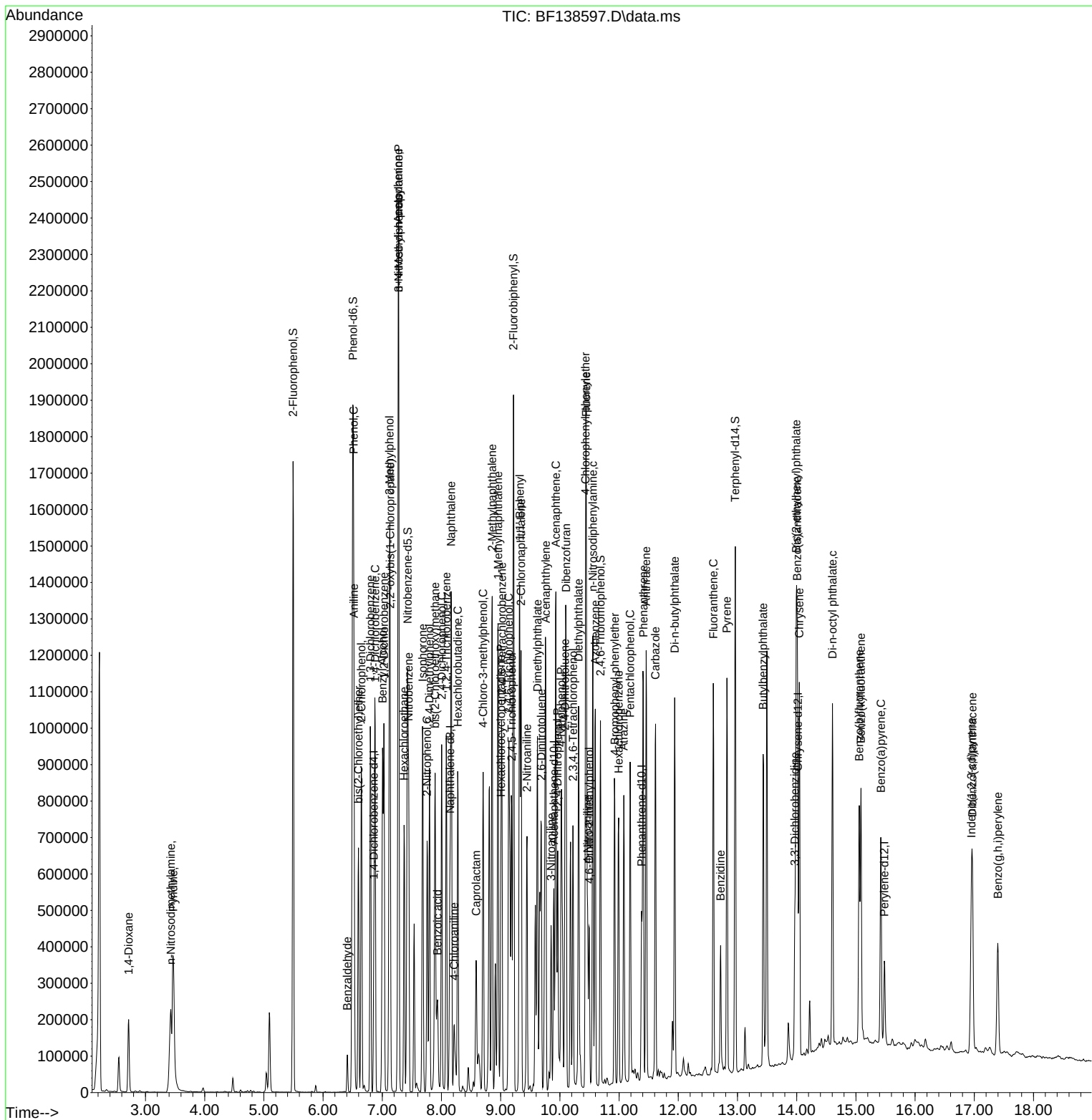
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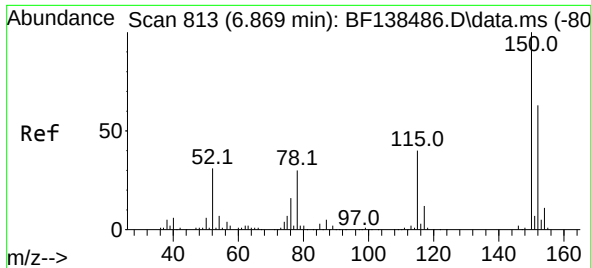
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	148157	47.499	ng	96
46) 1,1'-Biphenyl	9.322	154	596978	49.383	ng	100
47) 2-Chloronaphthalene	9.345	162	462802	50.676	ng	99
48) 2-Nitroaniline	9.445	65	174667	55.192	ng	98
49) Acenaphthylene	9.763	152	707074	54.532	ng	99
50) Dimethylphthalate	9.622	163	561527	54.440	ng	100
51) 2,6-Dinitrotoluene	9.686	165	119313	50.239	ng	90
52) Acenaphthene	9.933	154	453930	52.667	ng	98
53) 3-Nitroaniline	9.851	138	86959	35.725	ng	95
54) 2,4-Dinitrophenol	9.963	184	105675	82.739	ng	95
55) Dibenzofuran	10.104	168	614842	49.182	ng	99
56) 4-Nitrophenol	10.022	139	158690	88.356	ng	98
57) 2,4-Dinitrotoluene	10.086	165	152033	49.477	ng	97
58) Fluorene	10.445	166	466227	47.133	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	115679	46.992	ng	99
60) Diethylphthalate	10.316	149	525237	52.821	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	234055	47.121	ng	95
62) 4-Nitroaniline	10.469	138	110733	45.398	ng	98
63) Azobenzene	10.598	77	534464	49.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	75796	57.805	ng	85
66) n-Nitrosodiphenylamine	10.557	169	408766	60.080	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	129154	55.335	ng	98
68) Hexachlorobenzene	10.992	284	132669	51.165	ng	96
69) Atrazine	11.080	200	119998	53.197	ng	98
70) Pentachlorophenol	11.186	266	141817	92.430	ng	97
71) Phenanthrene	11.410	178	603249	52.581	ng	99
72) Anthracene	11.457	178	627949	55.139	ng	100
73) Carbazole	11.616	167	534682	52.243	ng	99
74) Di-n-butylphthalate	11.939	149	685526	58.110	ng	99
75) Fluoranthene	12.592	202	593913	50.733	ng	97
77) Benzidine	12.716	184	181425	48.546	ng	99
78) Pyrene	12.821	202	600283	39.922	ng	99
80) Butylbenzylphthalate	13.433	149	264651	58.509	ng	95
81) Benzo(a)anthracene	14.010	228	520808	52.400	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	109292	42.674	ng	# 99
83) Chrysene	14.045	228	484939	51.576	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	362217	75.084	ng	99
85) Di-n-octyl phthalate	14.604	149	575643	75.534	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	362213	43.223	ng	99
88) Benzo(b)fluoranthene	15.057	252	387171	55.105	ng	99
89) Benzo(k)fluoranthene	15.086	252	381013	55.603	ng	99
90) Benzo(a)pyrene	15.421	252	333350	54.009	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	289497	42.232	ng	100
92) Benzo(g,h,i)perylene	17.398	276	273846	37.673	ng	96

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

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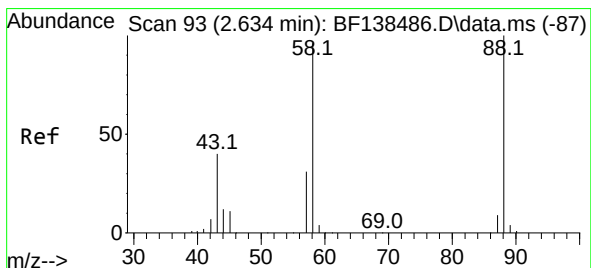
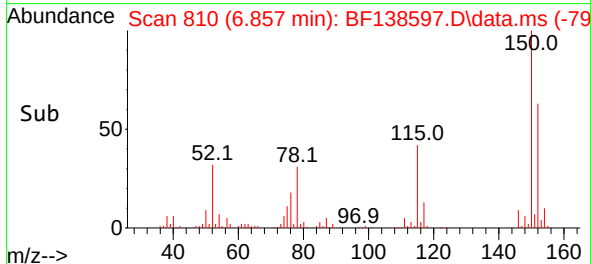
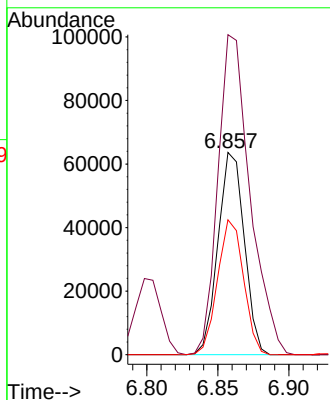
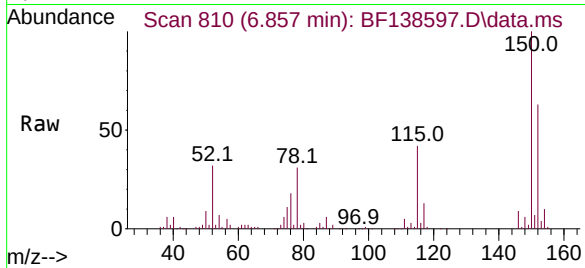




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

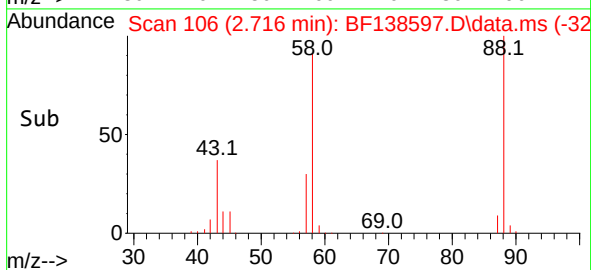
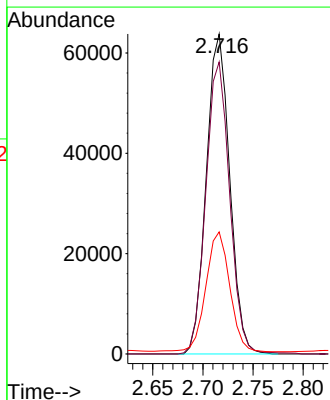
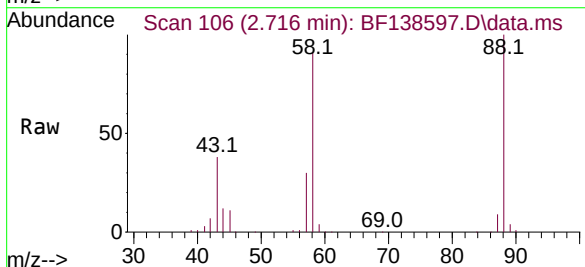
Instrument :
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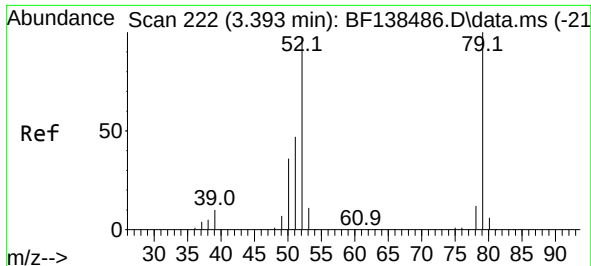
Tgt Ion:152 Resp: 81966
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.4
 115 66.7 50.3 75.5



#2
 1,4-Dioxane
 Concen: 45.313 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Tgt Ion: 88 Resp: 103864
 Ion Ratio Lower Upper
 88 100
 58 93.0 74.6 112.0
 43 38.3 31.8 47.6





#3

Pyridine

Concen: 47.120 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

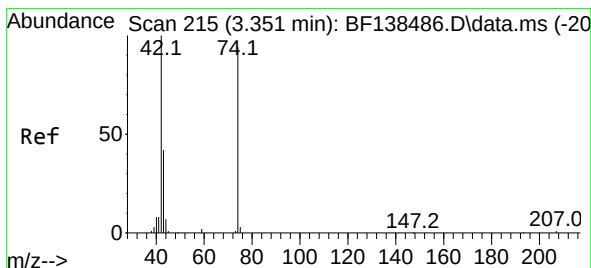
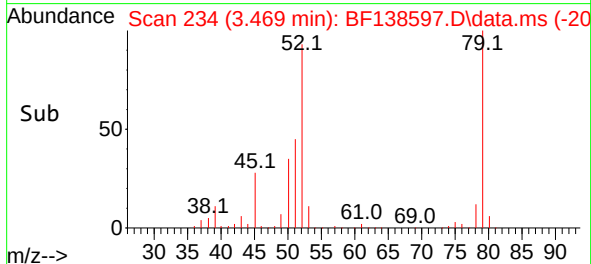
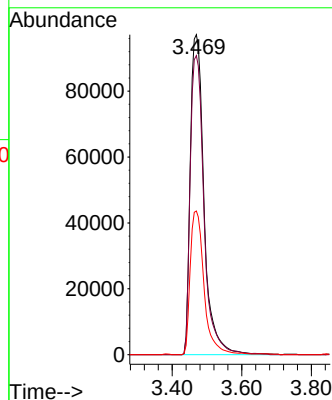
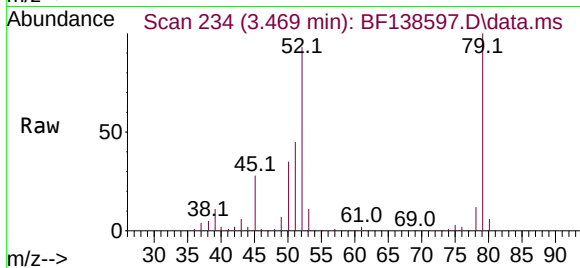
Tgt Ion: 79 Resp: 266350

Ion Ratio Lower Upper

79 100

52 93.5 77.4 116.2

51 44.9 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 53.146 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.077 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

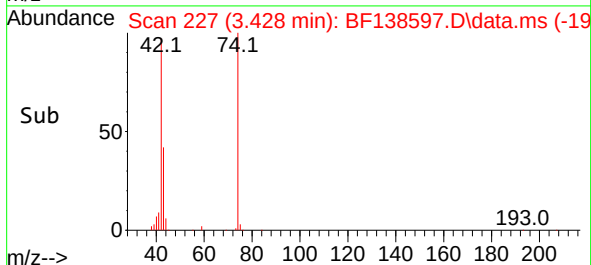
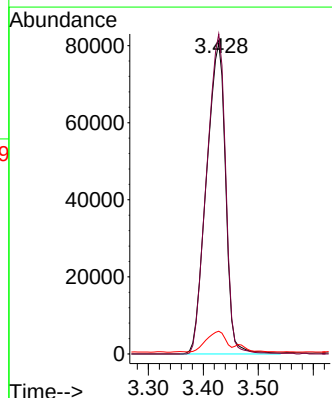
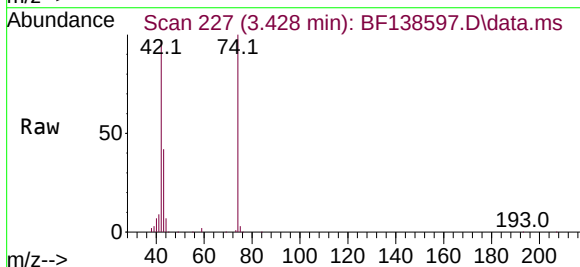
Tgt Ion: 42 Resp: 195564

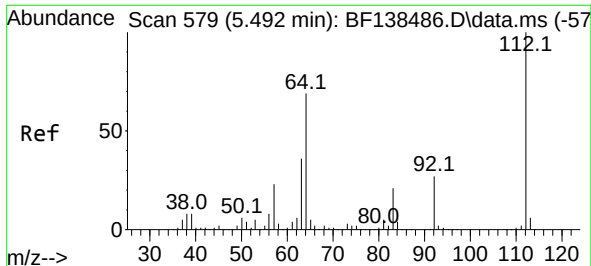
Ion Ratio Lower Upper

42 100

74 103.0 75.0 112.6

44 7.3 5.4 8.2

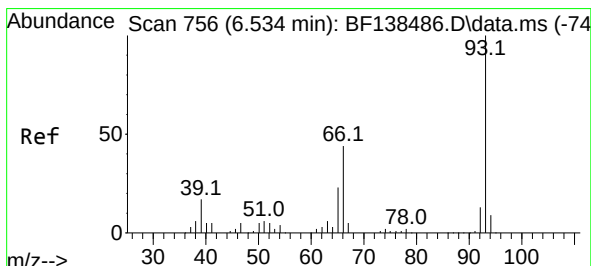
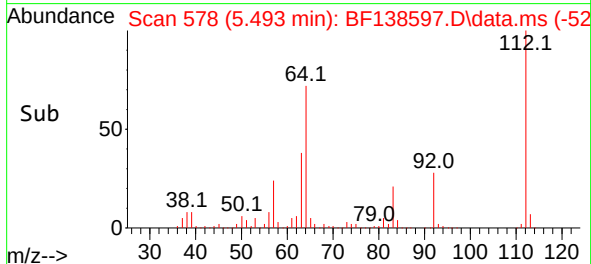
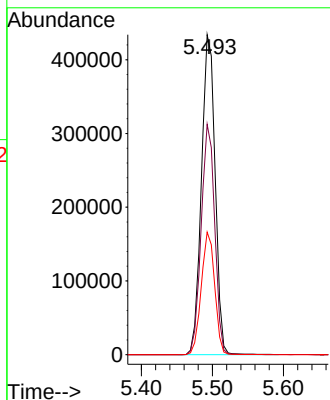
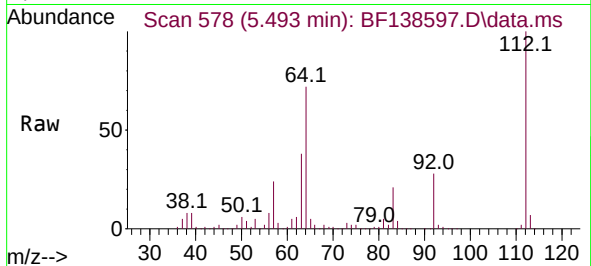




#5
2-Fluorophenol
Concen: 112.653 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

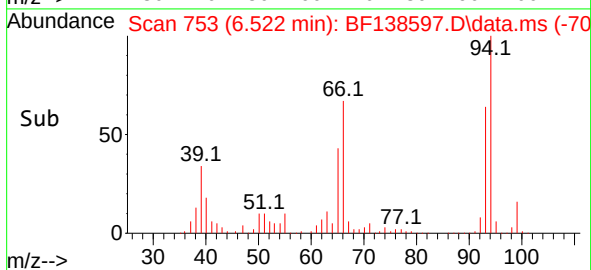
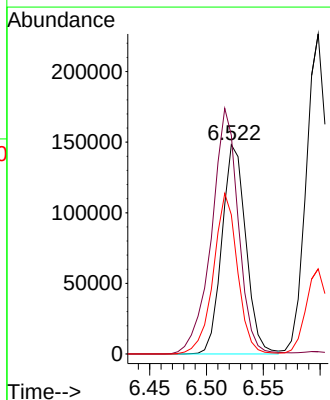
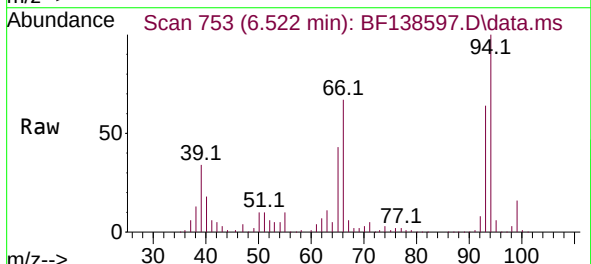
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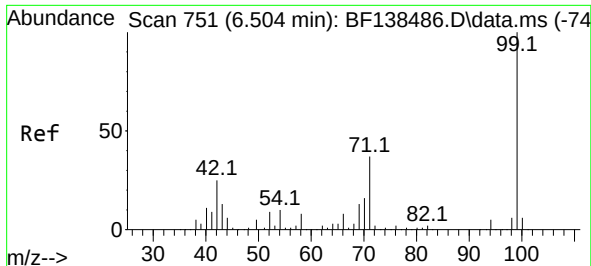
Tgt Ion:112 Resp: 583029
Ion Ratio Lower Upper
112 100
64 72.0 55.1 82.7
63 38.3 29.0 43.6



#6
Aniline
Concen: 33.688 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion: 93 Resp: 217239
Ion Ratio Lower Upper
93 100
66 104.5 35.4 53.0#
65 66.5 18.6 27.8#

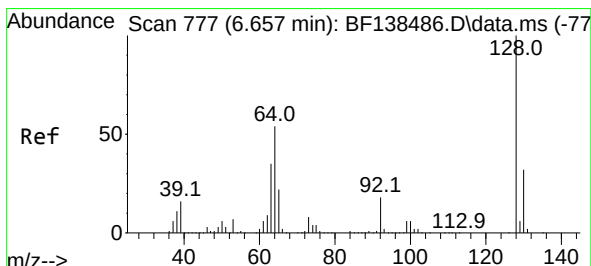
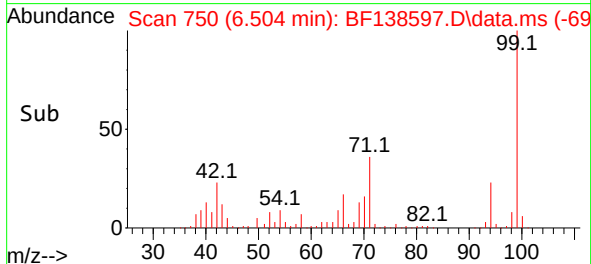
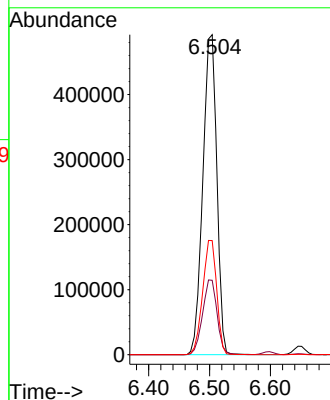
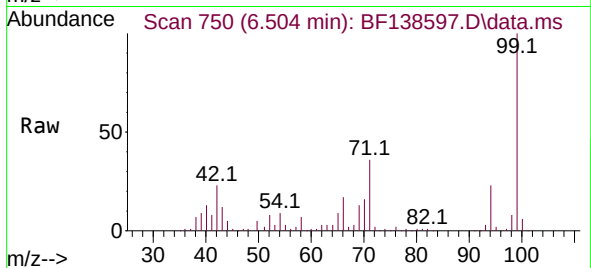




#7
Phenol-d6
Concen: 113.905 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

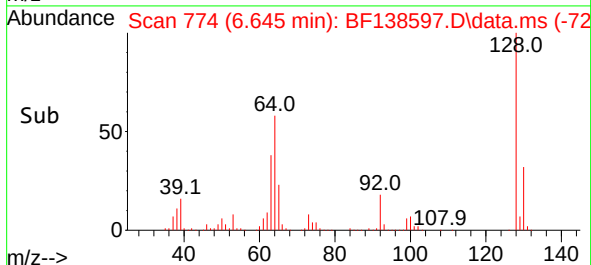
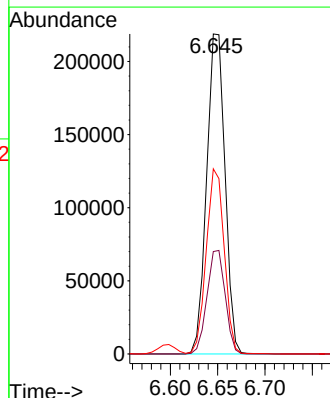
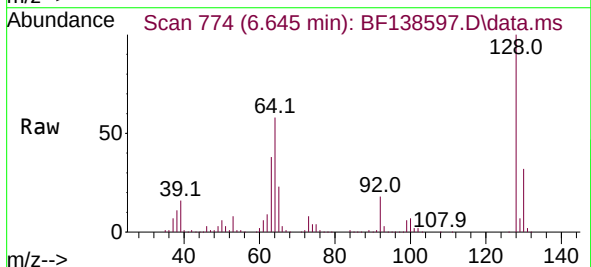
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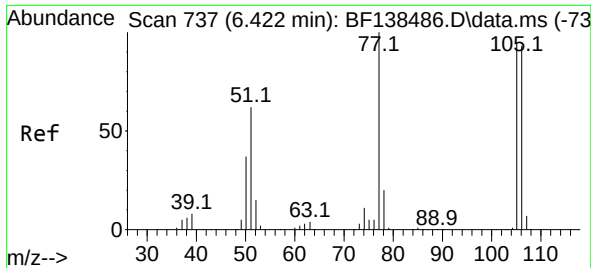
Tgt Ion: 99 Resp: 784216
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 35.6 29.9 44.9



#8
2-Chlorophenol
Concen: 53.785 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:128 Resp: 294335
Ion Ratio Lower Upper
128 100
130 32.0 12.1 52.1
64 57.9 34.4 74.4





#9

Benzaldehyde

Concen: 7.175 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

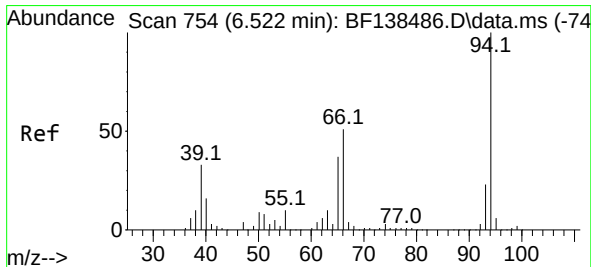
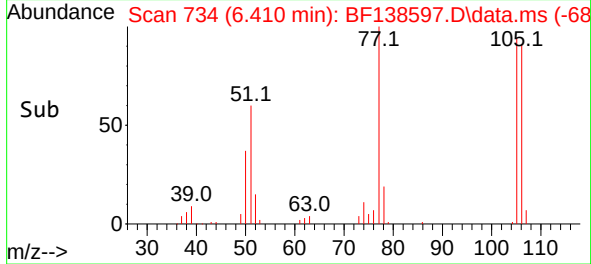
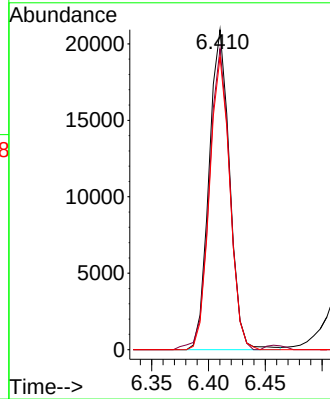
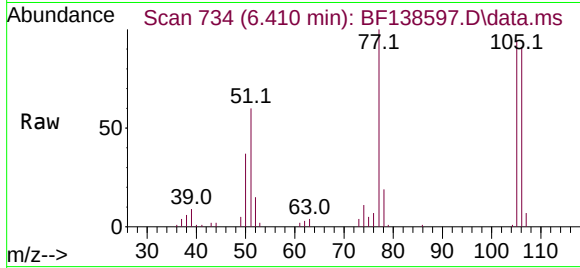
Tgt Ion: 77 Resp: 26442

Ion Ratio Lower Upper

77 100

105 94.1 75.1 115.1

106 91.5 73.2 113.2



#10

Phenol

Concen: 51.831 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

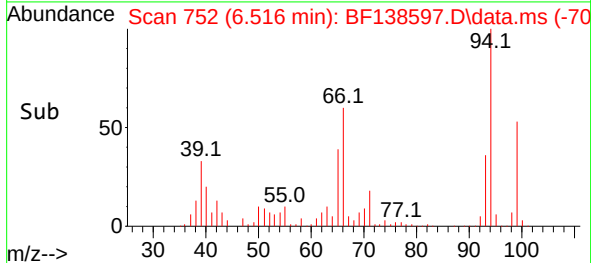
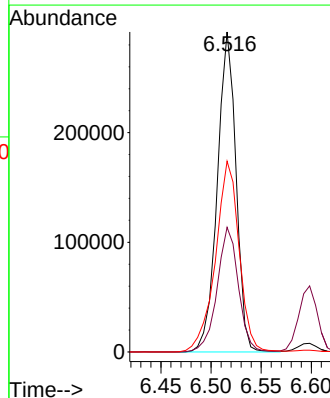
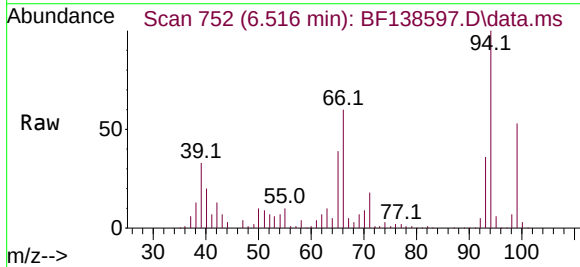
Tgt Ion: 94 Resp: 378777

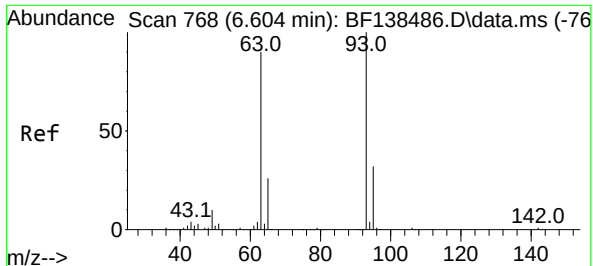
Ion Ratio Lower Upper

94 100

65 39.0 16.7 56.7

66 59.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 53.402 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

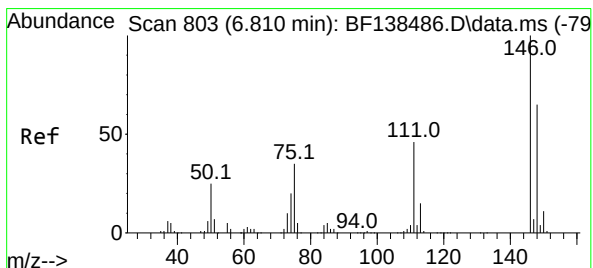
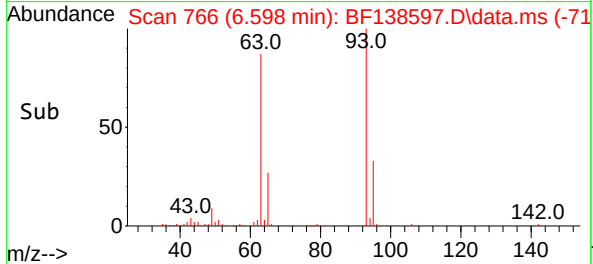
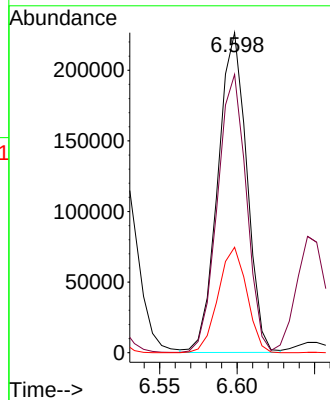
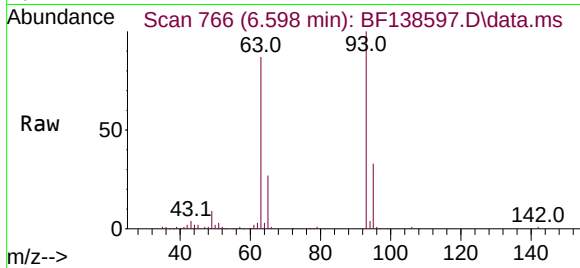
Tgt Ion: 93 Resp: 293823

Ion Ratio Lower Upper

93 100

63 87.0 68.8 108.8

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 49.078 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

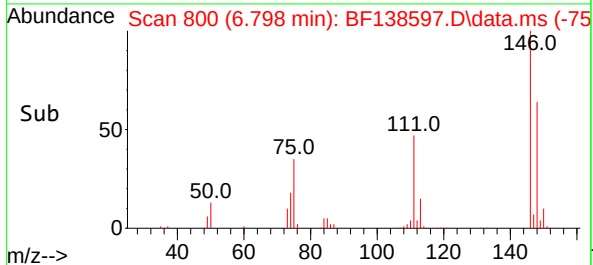
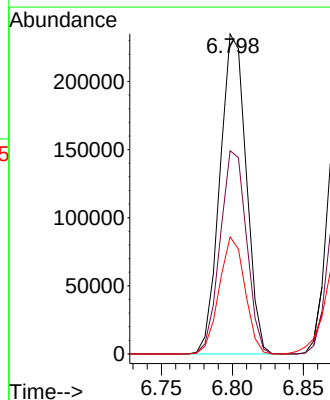
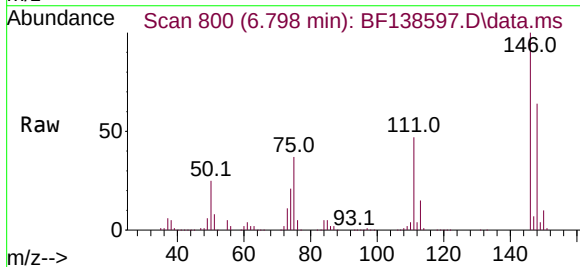
Tgt Ion:146 Resp: 301892

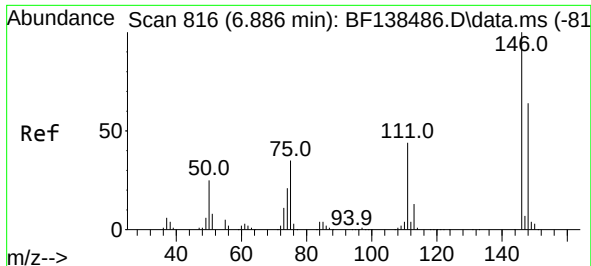
Ion Ratio Lower Upper

146 100

148 63.5 52.4 78.6

75 36.6 27.8 41.8

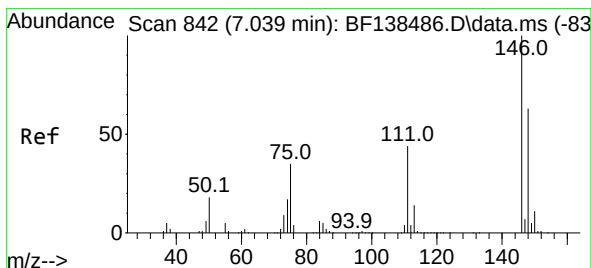
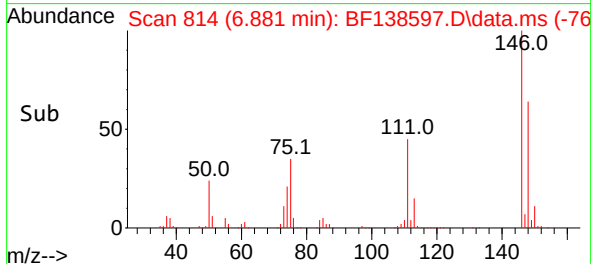
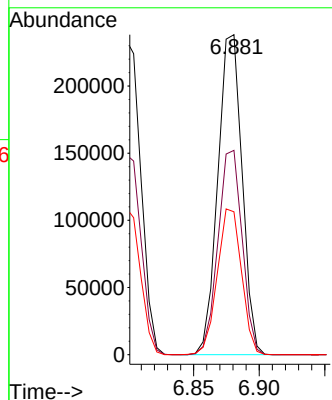
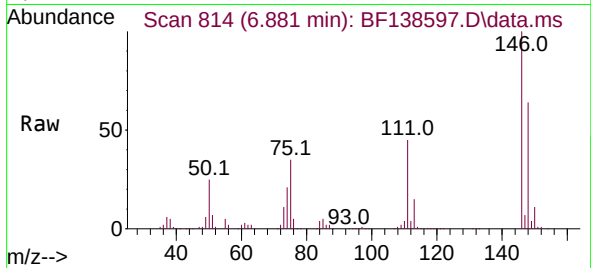




#13
1,4-Dichlorobenzene
Concen: 49.024 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

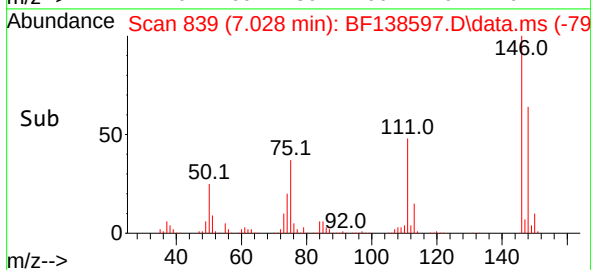
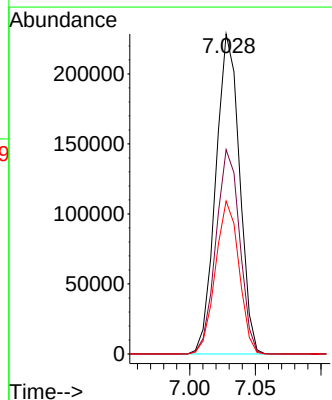
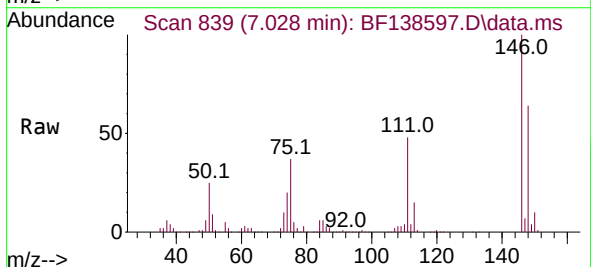
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

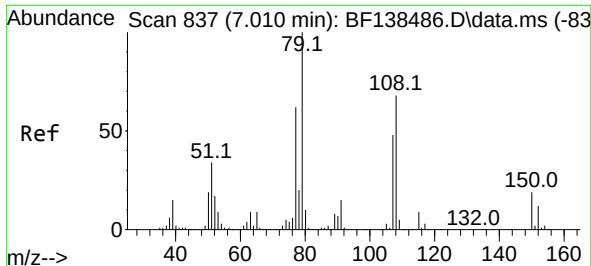
Tgt Ion:146 Resp: 306231
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 44.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.430 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:146 Resp: 287578
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 47.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 54.242 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

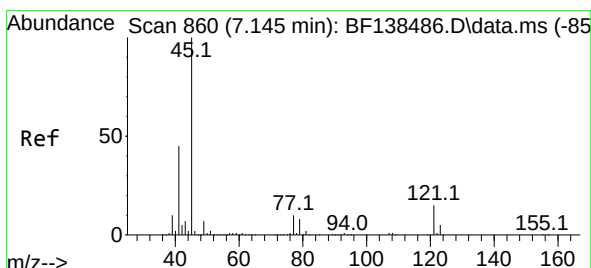
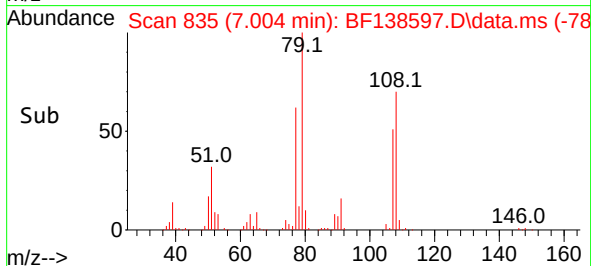
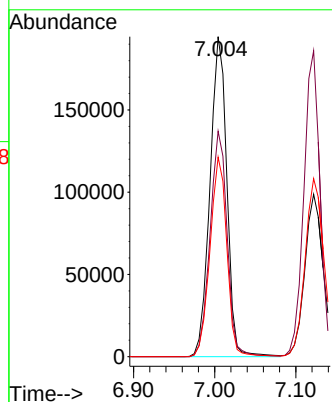
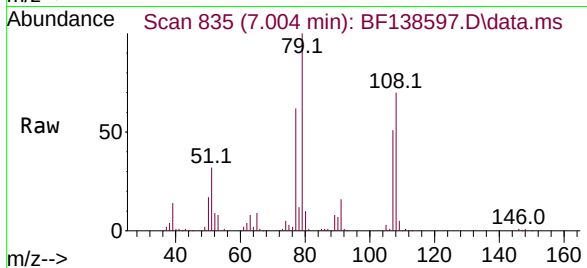
Tgt Ion: 79 Resp: 280262

Ion Ratio Lower Upper

79 100

108 70.5 54.3 81.5

77 62.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.435 ng

RT: 7.134 min Scan# 857

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

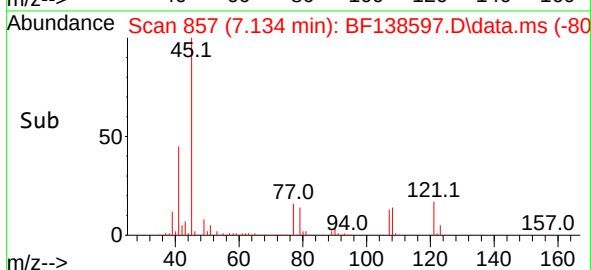
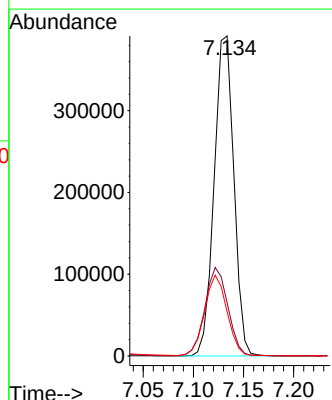
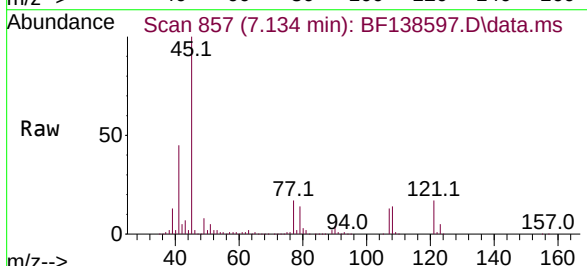
Tgt Ion: 45 Resp: 534889

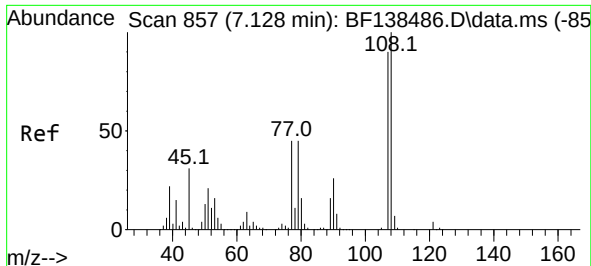
Ion Ratio Lower Upper

45 100

77 16.7 0.0 30.4

79 13.9 0.0 28.1

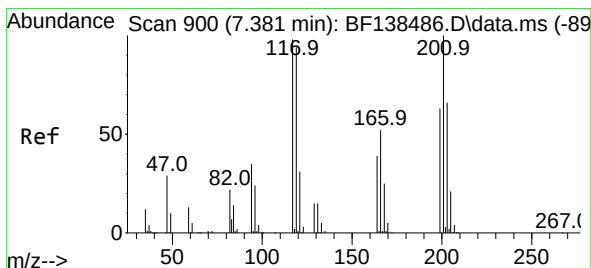
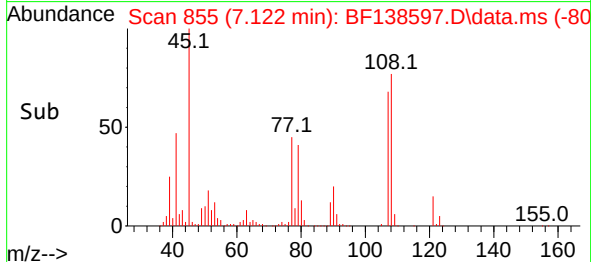
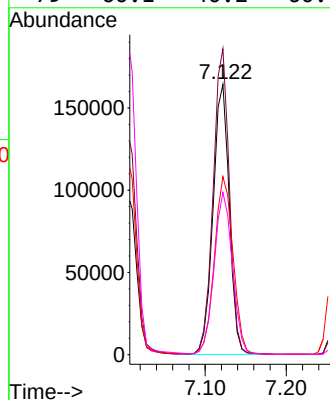
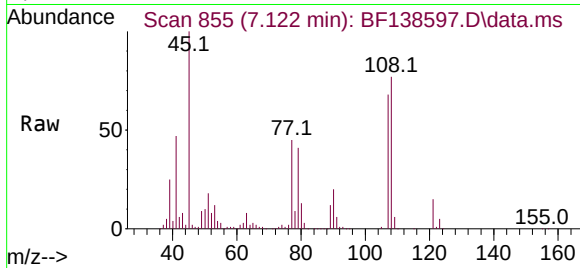




#17
2-Methylphenol
Concen: 50.880 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

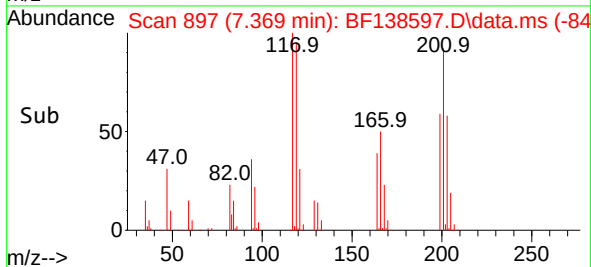
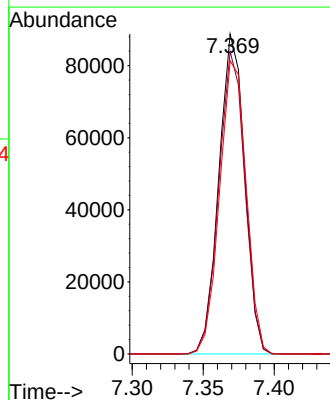
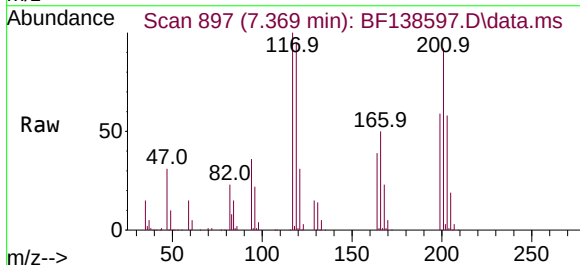
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

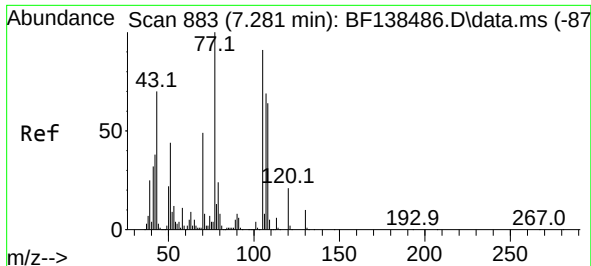
Tgt Ion:107 Resp: 228198
Ion Ratio Lower Upper
107 100
108 113.2 89.0 133.4
77 65.9 40.3 60.5#
79 60.1 40.2 60.4



#18
Hexachloroethane
Concen: 48.876 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:117 Resp: 112238
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
201 91.7 81.4 122.0

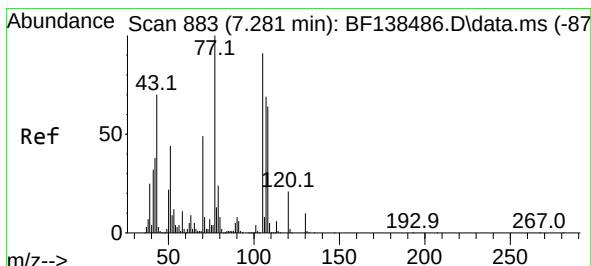
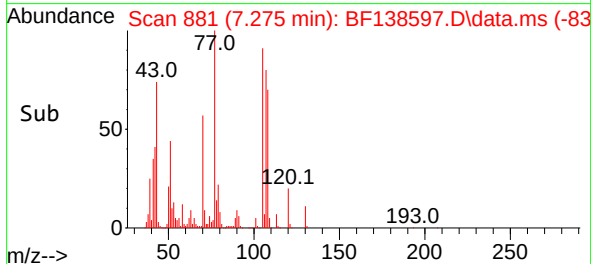
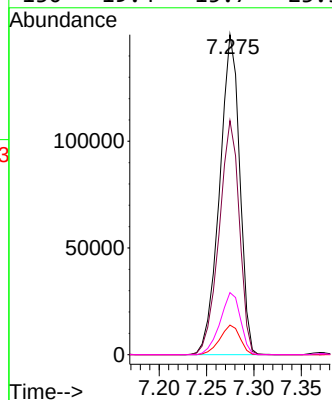
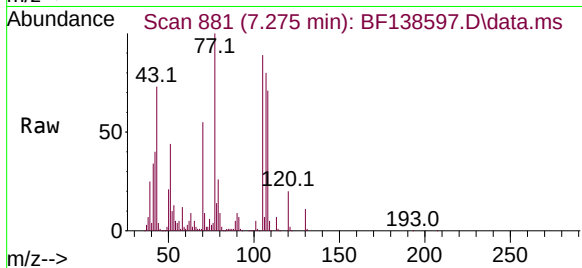




#19
n-Nitroso-di-n-propylamine
Concen: 52.024 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

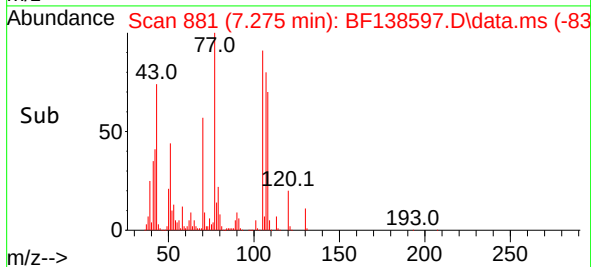
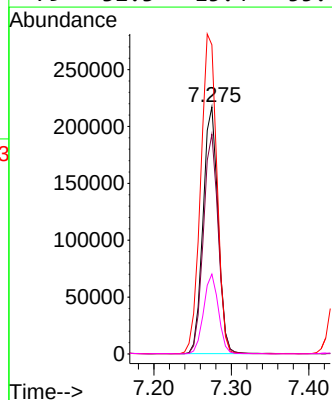
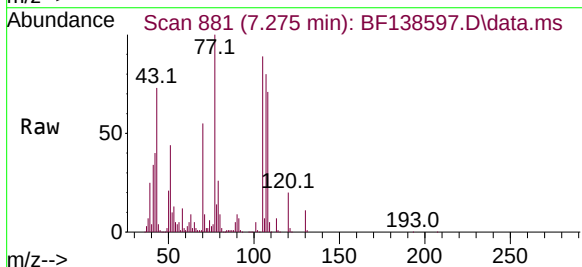
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

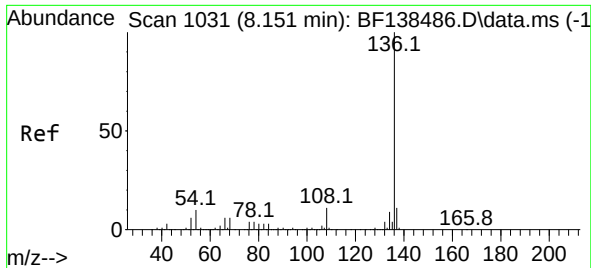
Tgt Ion:	70	Resp:	221320
Ion	Ratio	Lower	Upper
70	100		
42	73.2	62.4	93.6
101	9.3	7.2	10.8
130	19.4	15.7	23.5



#20
3+4-Methylphenols
Concen: 51.533 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:	107	Resp:	291049
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.7	113.7
77	125.2	126.0	166.0#
79	32.3	15.4	55.4

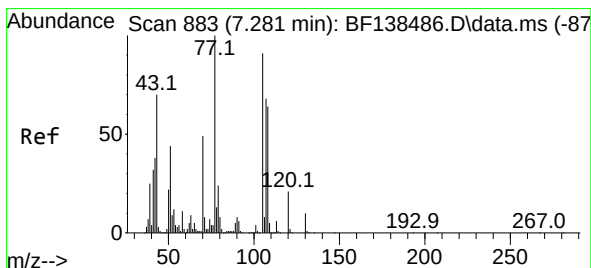
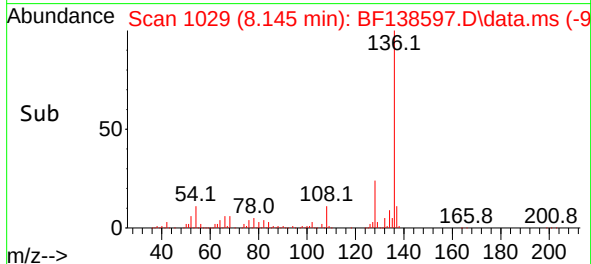
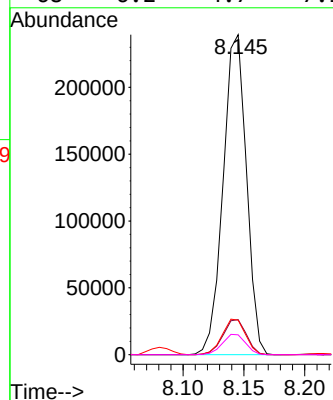
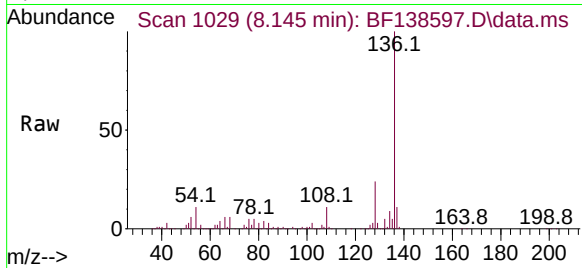




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

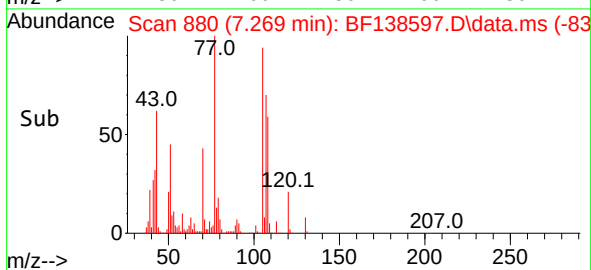
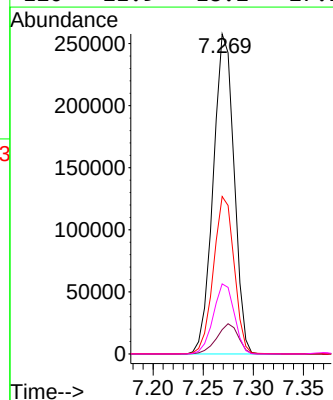
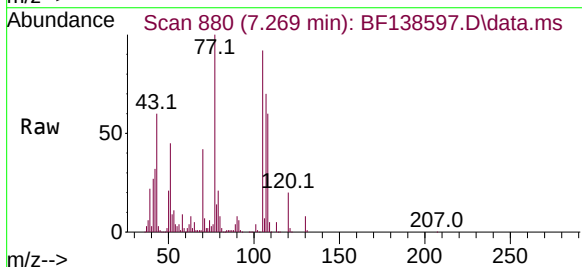
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

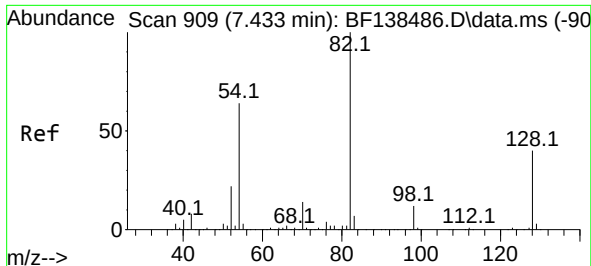
Tgt Ion:136 Resp: 319145
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.8 8.1 12.1
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 48.197 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:105 Resp: 373584
Ion Ratio Lower Upper
105 100
71 7.6 7.4 11.2
51 49.2 38.7 58.1
120 21.9 18.2 27.2

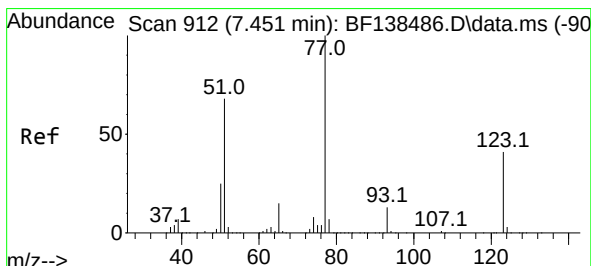
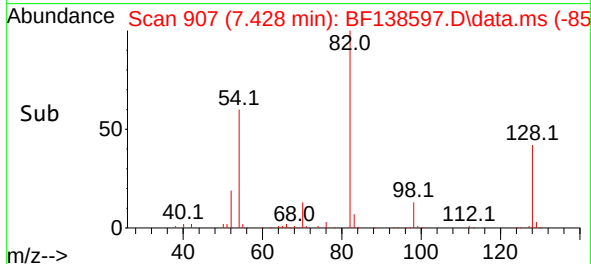
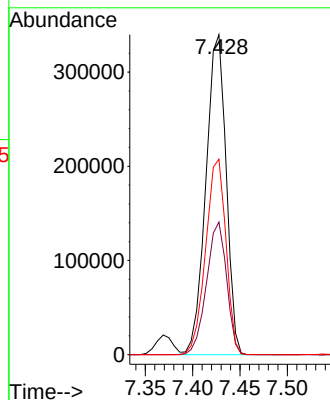
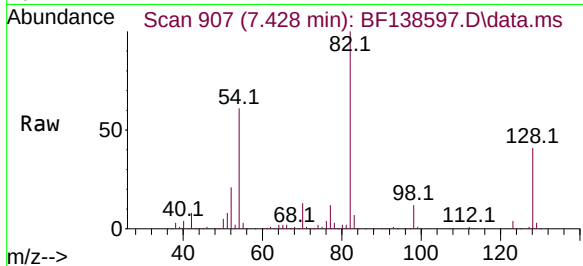




#23
Nitrobenzene-d5
Concen: 77.450 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

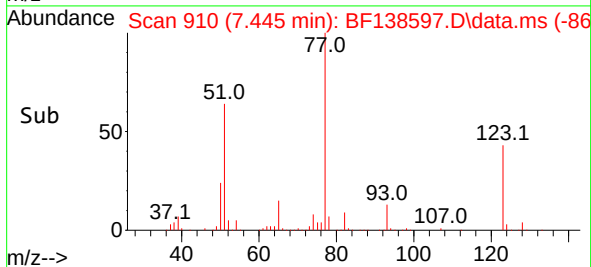
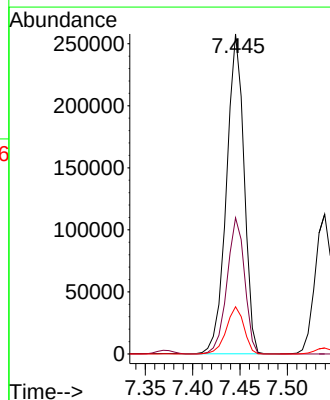
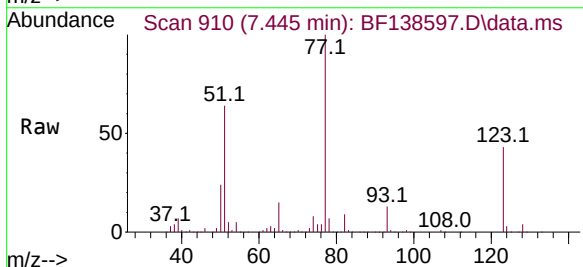
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

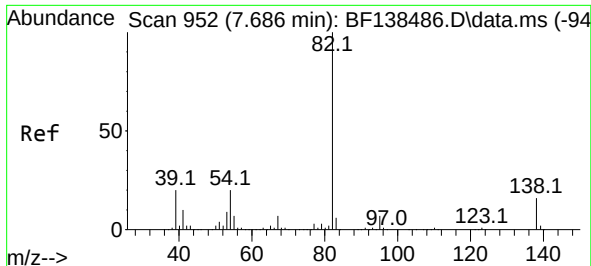
Tgt Ion: 82 Resp: 503439
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 61.1 51.4 77.0



#24
Nitrobenzene
Concen: 50.418 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion: 77 Resp: 333041
Ion Ratio Lower Upper
77 100
123 42.5 32.4 48.6
65 14.8 11.8 17.8

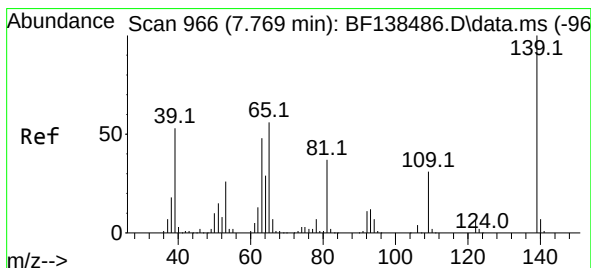
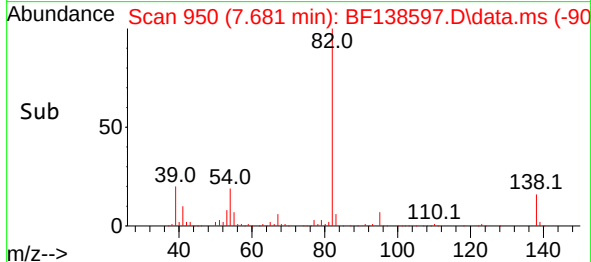
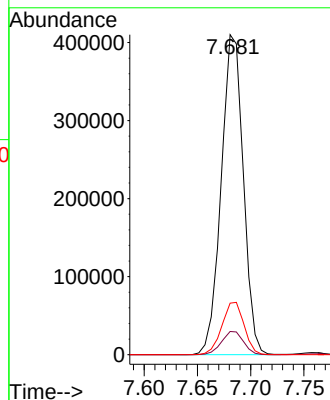
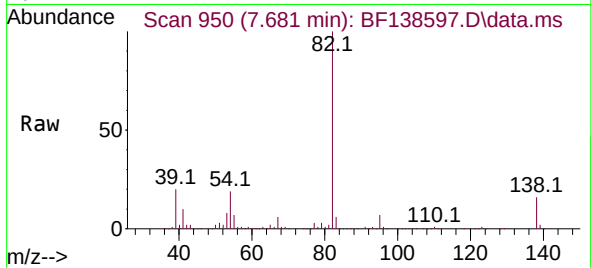




#25
Isophorone
Concen: 52.952 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

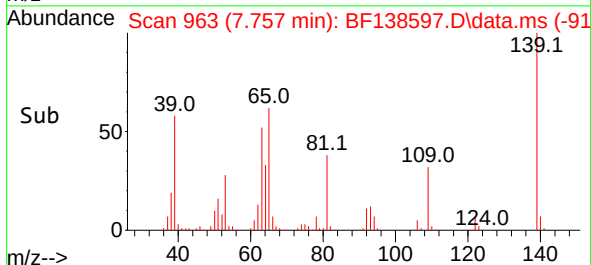
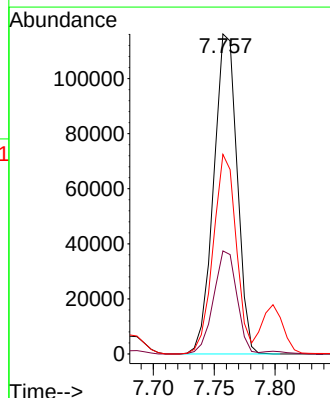
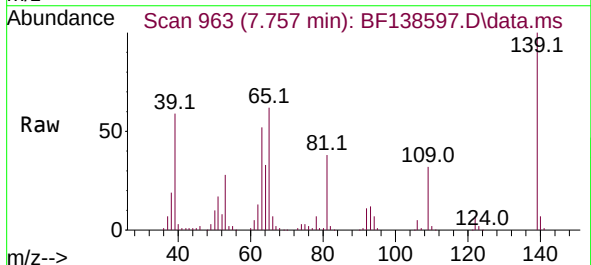
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BNA_F
ClientSampleId :
HR-1-071724MSD

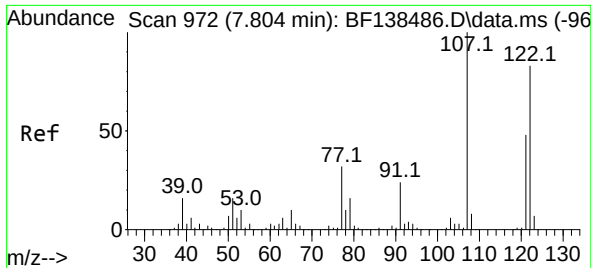
Tgt Ion: 82 Resp: 591098
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.1 12.8 19.2



#26
2-Nitrophenol
Concen: 54.962 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:139 Resp: 155608
Ion Ratio Lower Upper
139 100
109 32.2 24.8 37.2
65 62.4 45.1 67.7

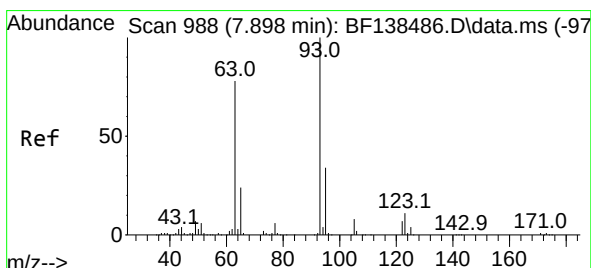
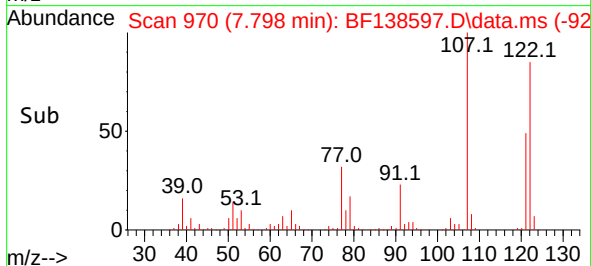
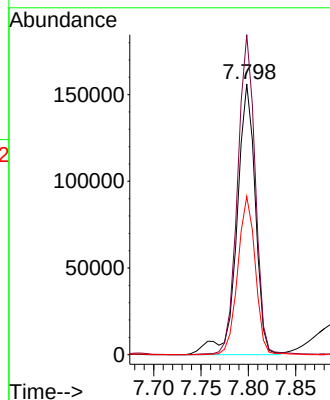
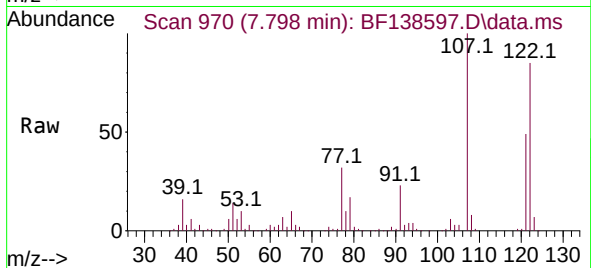




#27
2,4-Dimethylphenol
Concen: 60.653 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

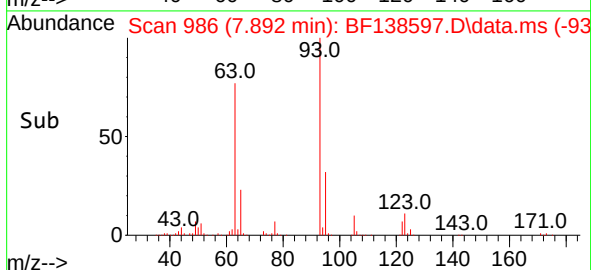
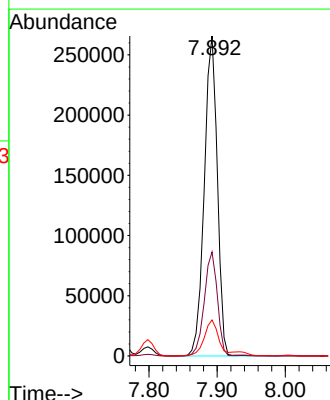
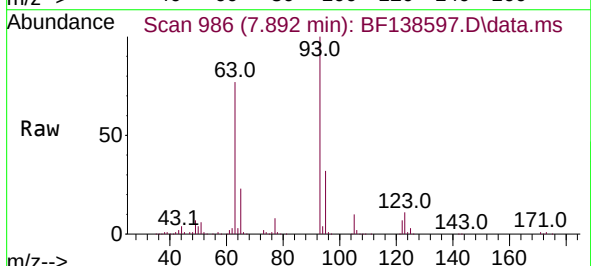
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

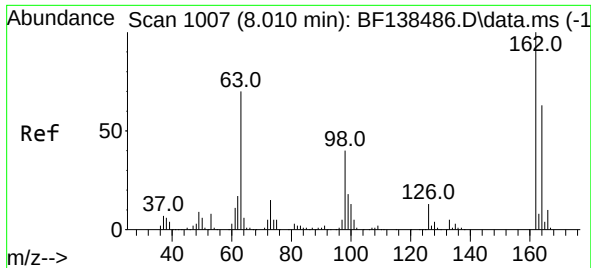
Tgt Ion:122 Resp: 211052
Ion Ratio Lower Upper
122 100
107 118.2 96.3 144.5
121 58.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 53.027 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion: 93 Resp: 353759
Ion Ratio Lower Upper
93 100
95 32.5 27.0 40.6
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.348 ng

RT: 8.004 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

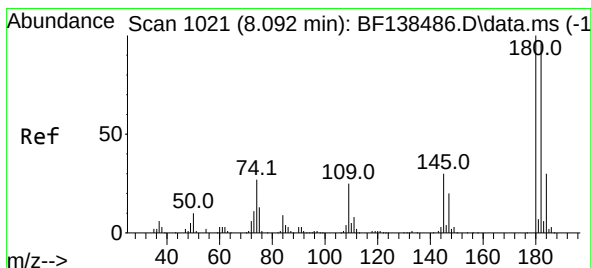
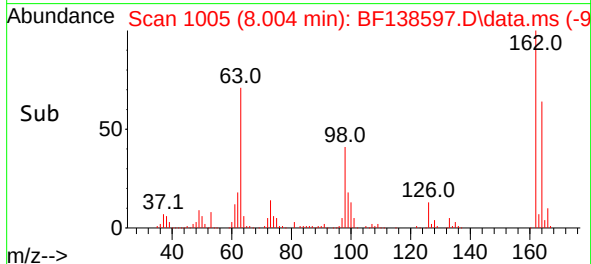
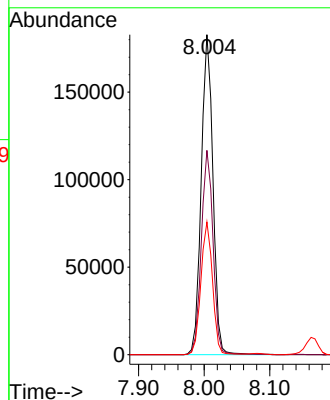
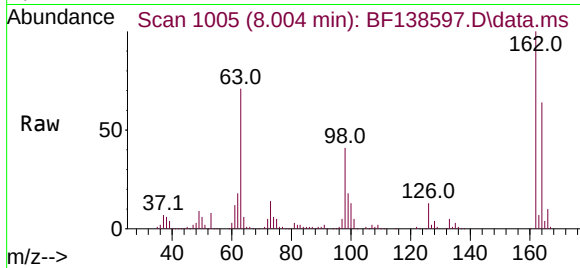
Tgt Ion:162 Resp: 227506

Ion Ratio Lower Upper

162 100

164 63.9 42.6 82.6

98 41.4 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 46.859 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

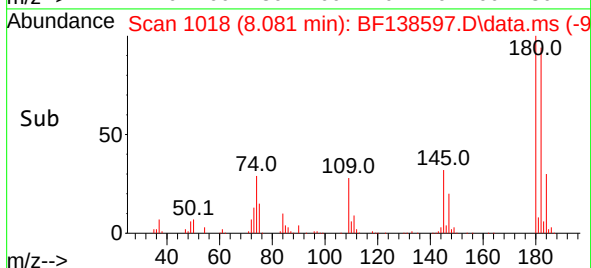
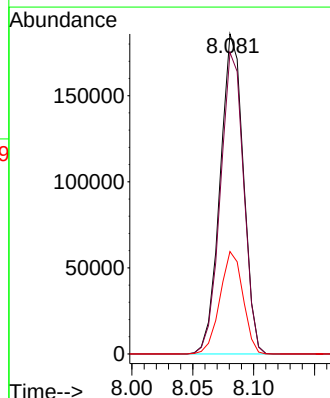
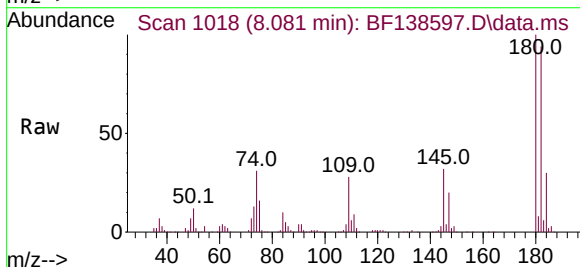
Tgt Ion:180 Resp: 246667

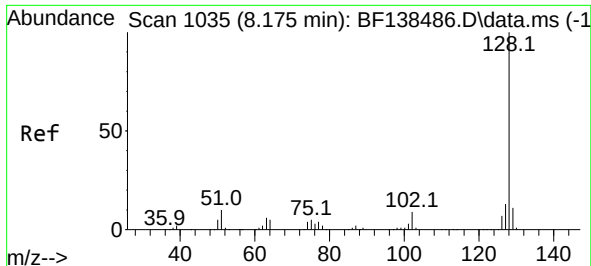
Ion Ratio Lower Upper

180 100

182 94.2 76.9 115.3

145 32.0 23.9 35.9

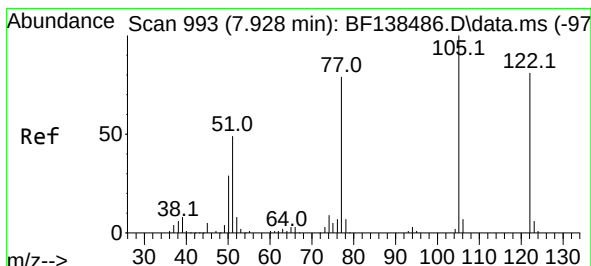
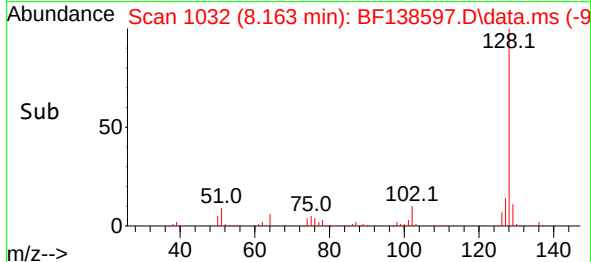
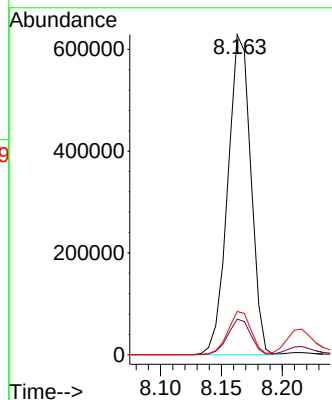
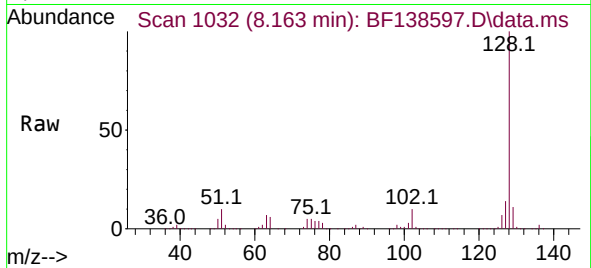




#31
Naphthalene
Concen: 49.794 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

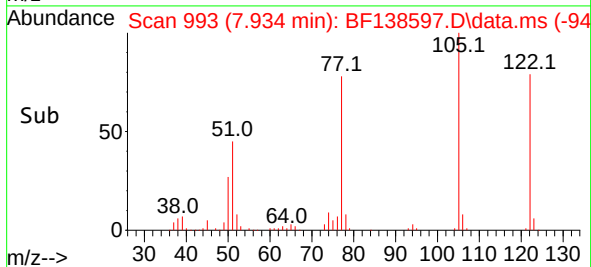
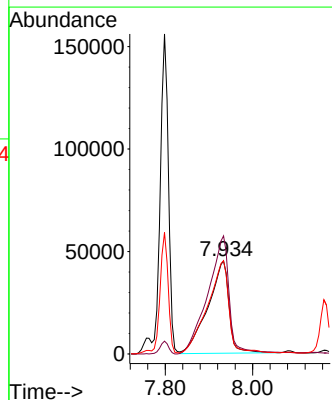
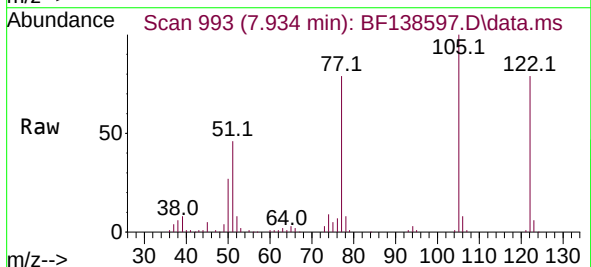
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

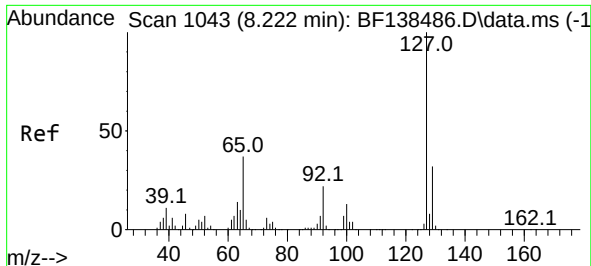
Tgt Ion:128 Resp: 826483
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 45.524 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:122 Resp: 151086
Ion Ratio Lower Upper
122 100
105 127.1 101.5 141.5
77 100.3 77.3 117.3

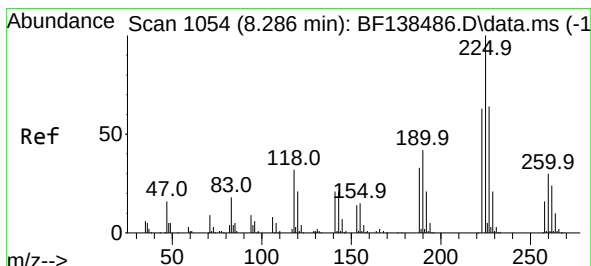
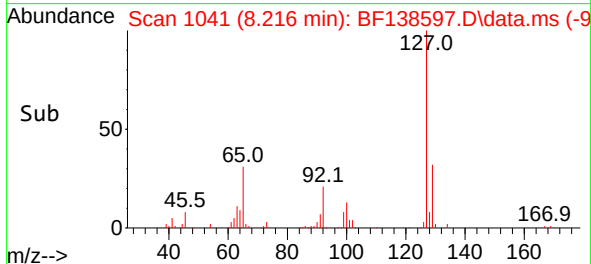
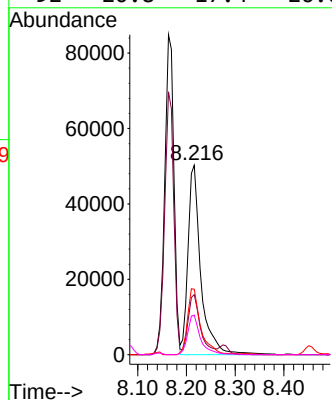
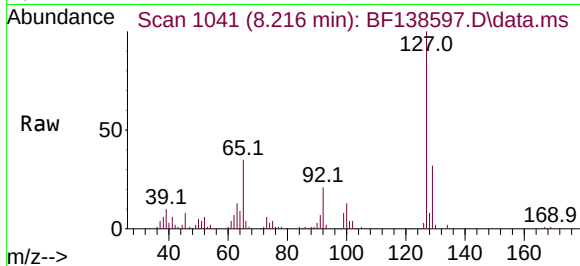




#33
4-Chloroaniline
Concen: 15.913 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

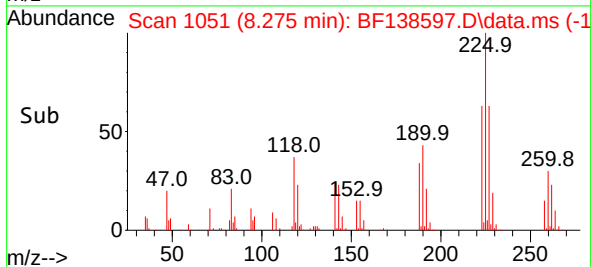
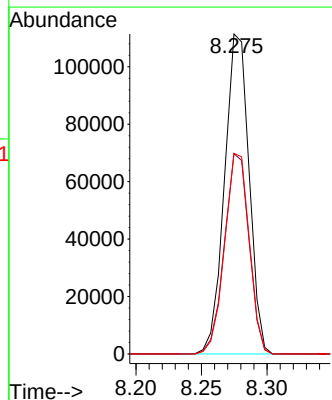
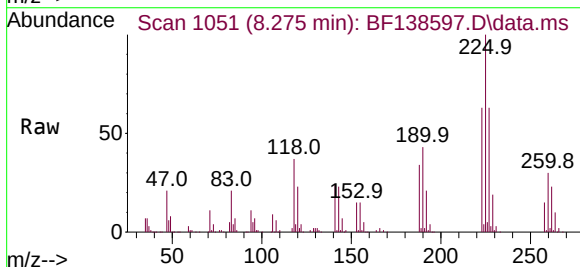
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

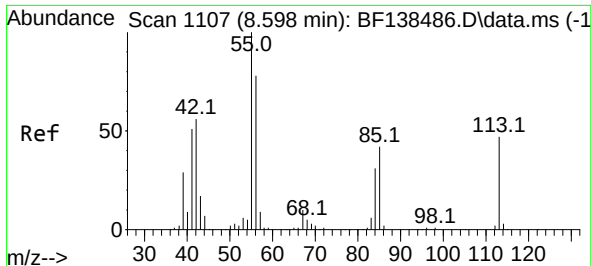
Tgt Ion:	127	Resp:	92674
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.6	38.4
65	34.5	29.6	44.4
92	20.8	17.4	26.0



#34
Hexachlorobutadiene
Concen: 44.723 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:	225	Resp:	144969
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	62.7	51.0	76.6

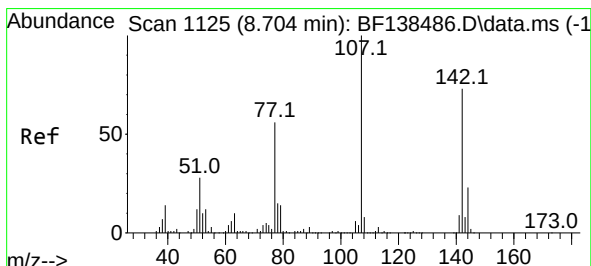
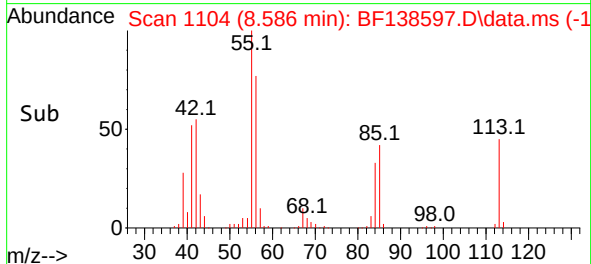
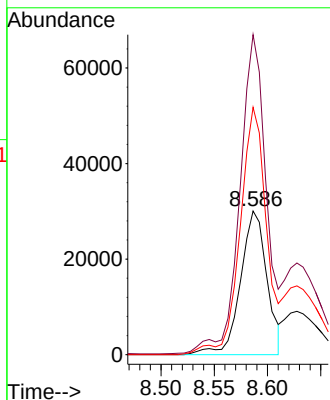
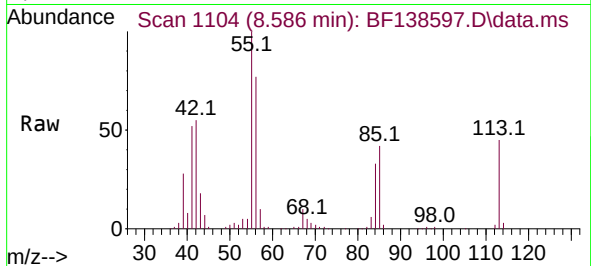




#35
 Caprolactam
 Concen: 35.649 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

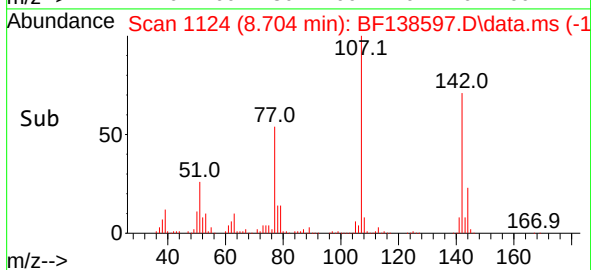
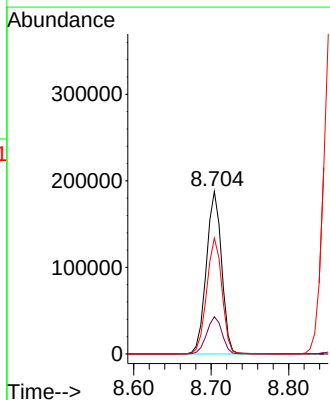
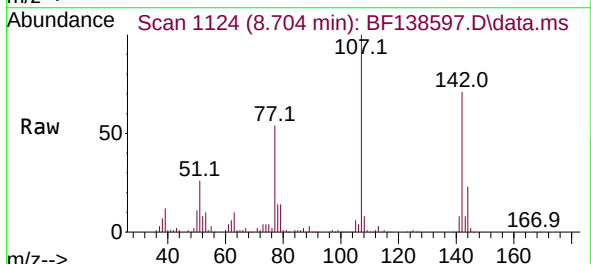
Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD

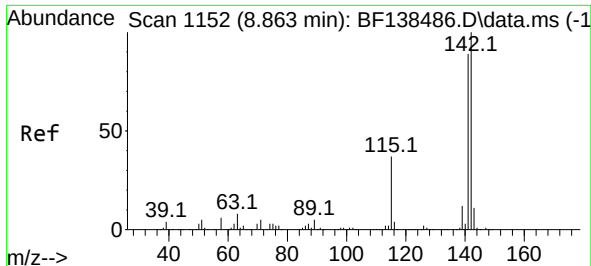
Tgt Ion:113 Resp: 51980
 Ion Ratio Lower Upper
 113 100
 55 222.7 192.5 232.5
 56 172.1 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.923 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Tgt Ion:107 Resp: 257608
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.6 27.8
 142 71.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 48.278 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

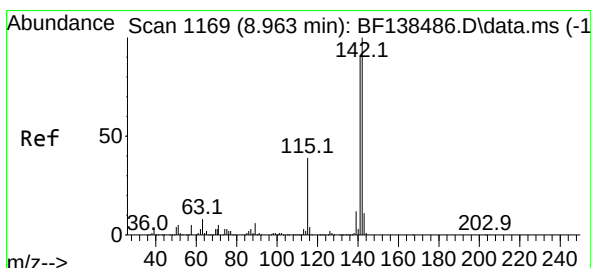
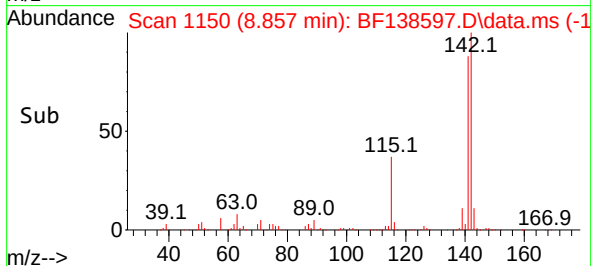
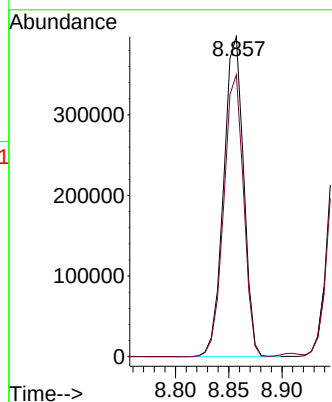
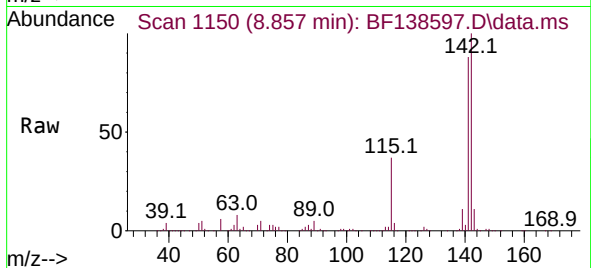
HR-1-071724MSD

Tgt Ion:142 Resp: 515677

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.0



#38

1-Methylnaphthalene

Concen: 45.520 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF138597.D

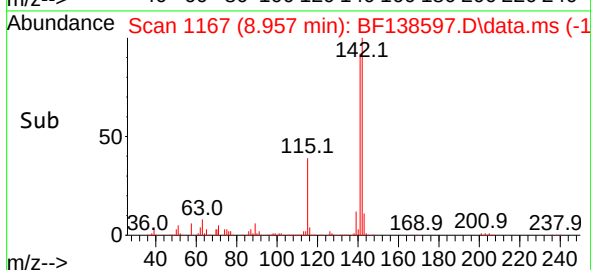
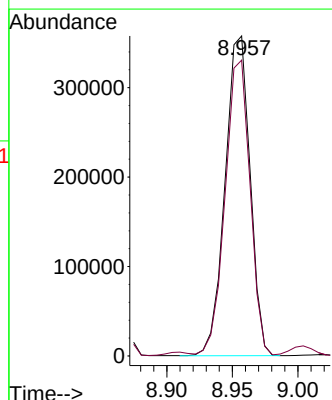
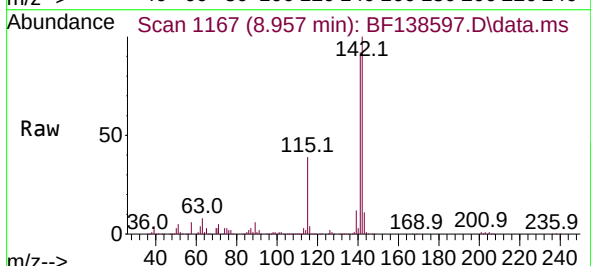
Acq: 19 Jul 2024 19:02

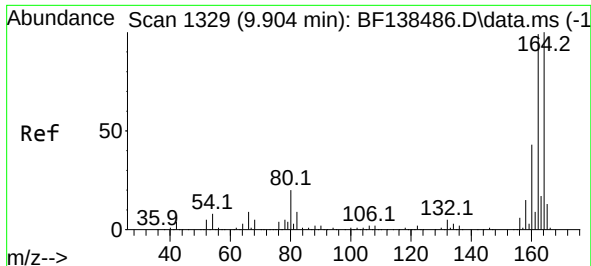
Tgt Ion:142 Resp: 474521

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8

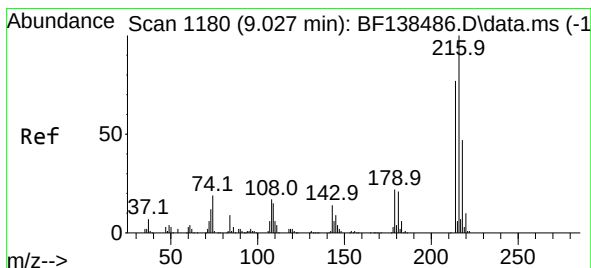
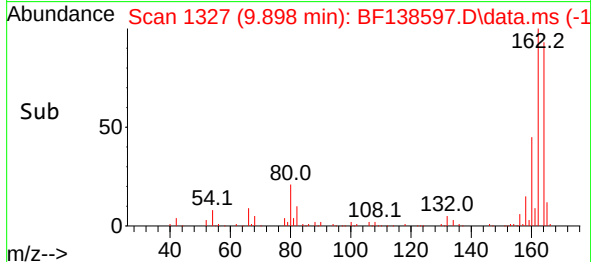
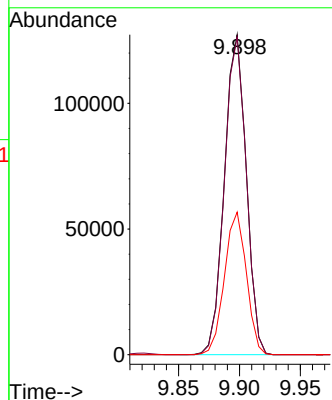
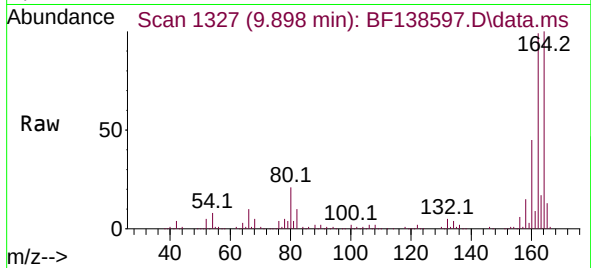




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

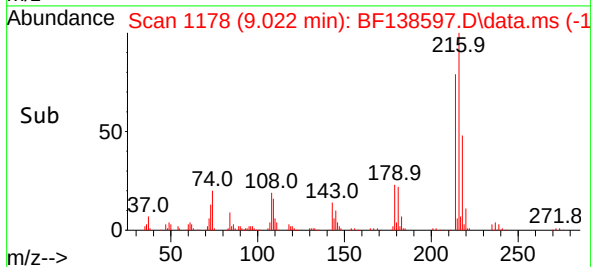
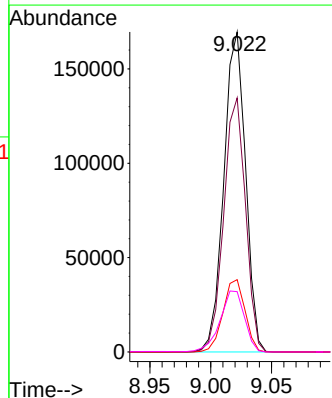
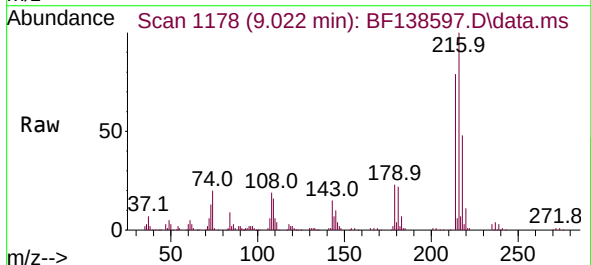
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

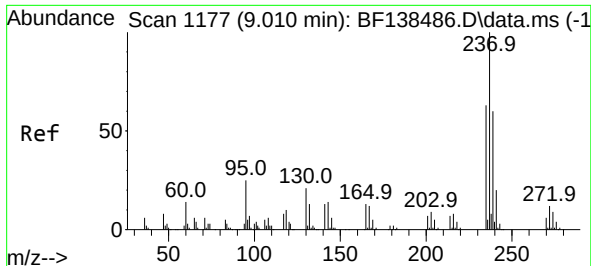
Tgt Ion:164 Resp: 159516
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.5 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.340 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:216 Resp: 210465
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 23.0 17.7 26.5
108 21.5 15.5 23.3

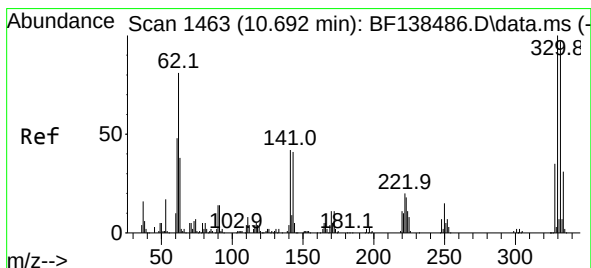
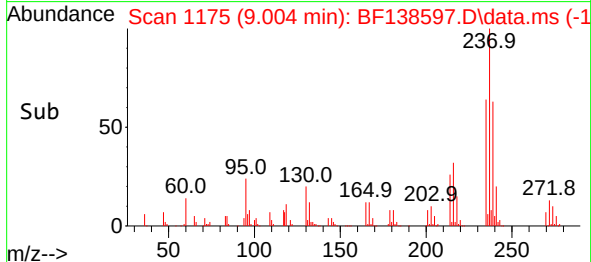
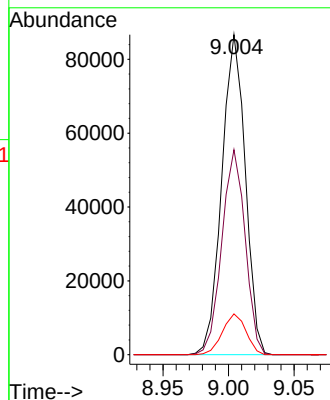
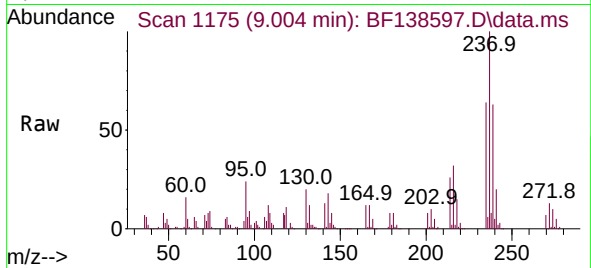




#41
Hexachlorocyclopentadiene
Concen: 74.811 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

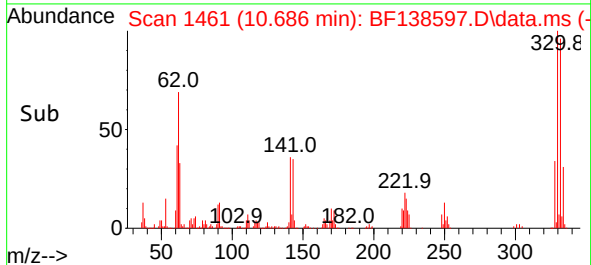
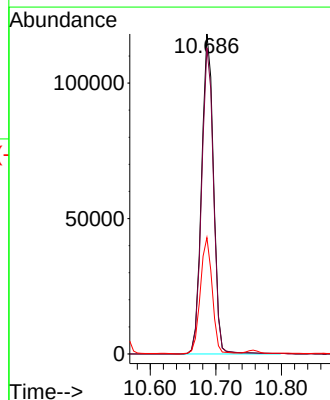
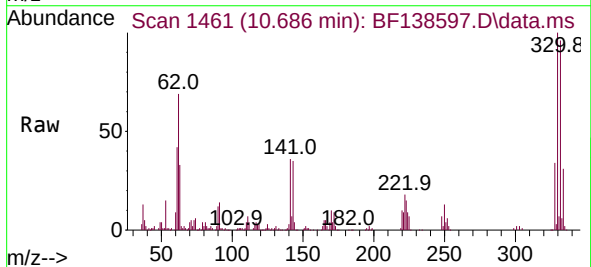
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

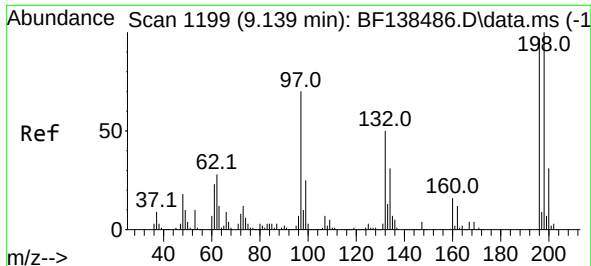
Tgt Ion:237 Resp: 107955
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 100.723 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:330 Resp: 150161
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 36.3 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 51.296 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

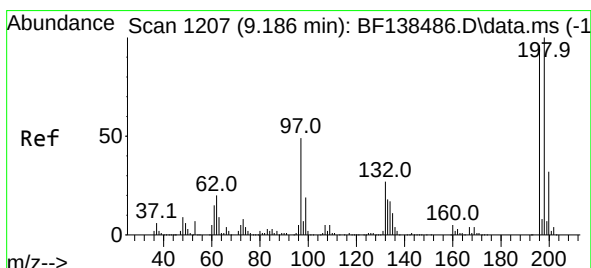
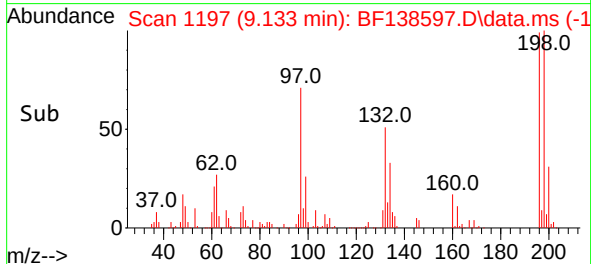
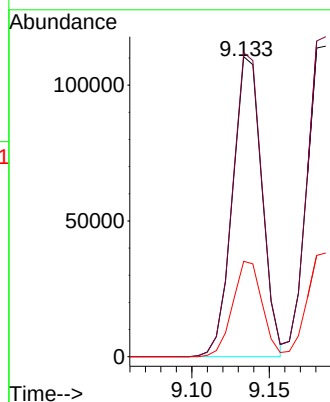
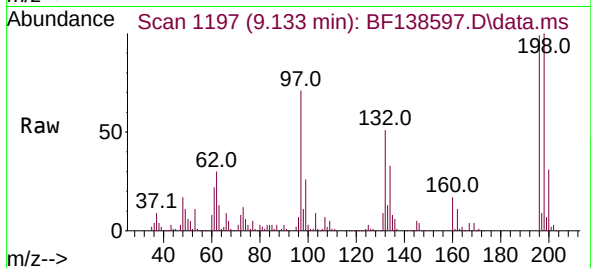
Tgt Ion:196 Resp: 145471

Ion Ratio Lower Upper

196 100

198 101.3 82.3 123.5

200 31.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 47.499 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion:196 Resp: 148157

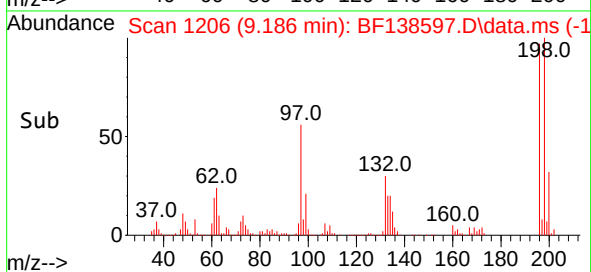
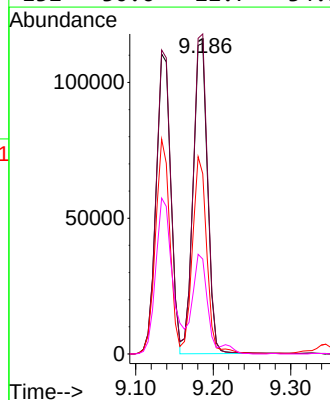
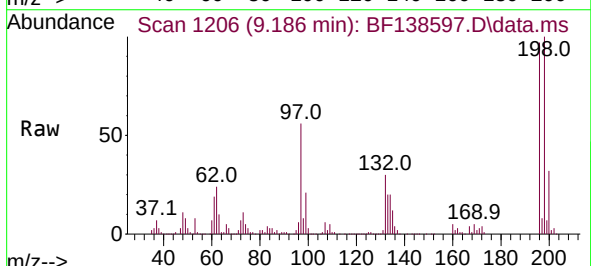
Ion Ratio Lower Upper

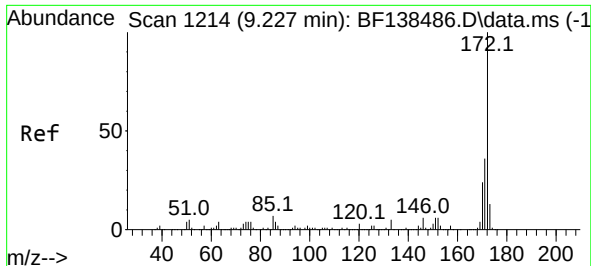
196 100

198 103.0 82.8 124.2

97 58.0 41.0 61.4

132 30.6 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.059 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

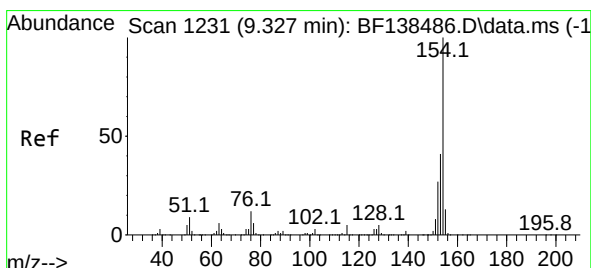
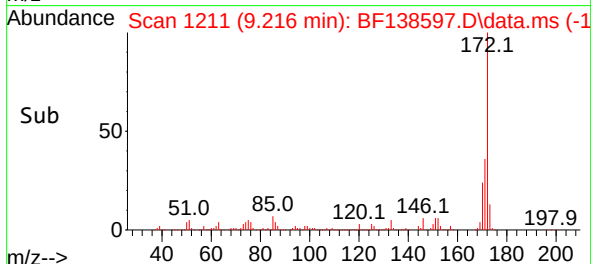
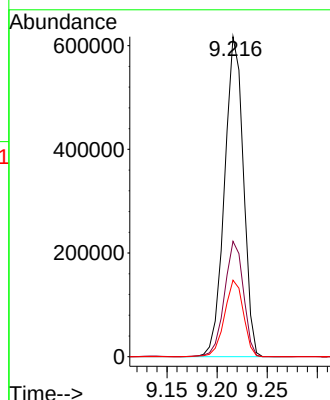
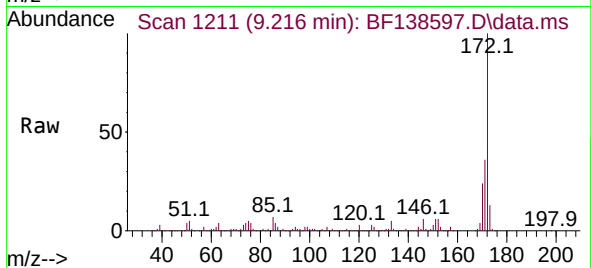
Tgt Ion:172 Resp: 806911

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.383 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

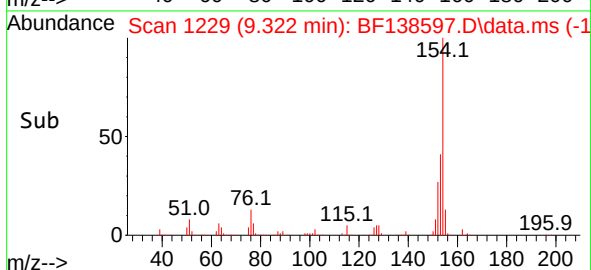
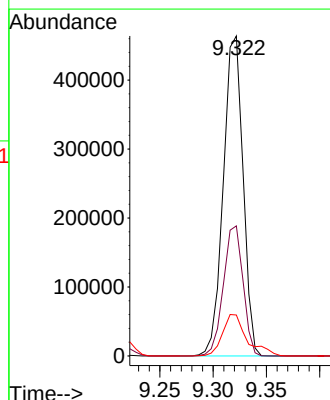
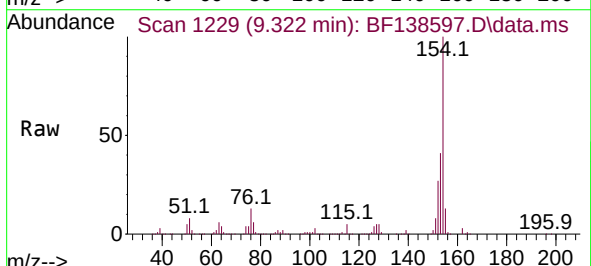
Tgt Ion:154 Resp: 596978

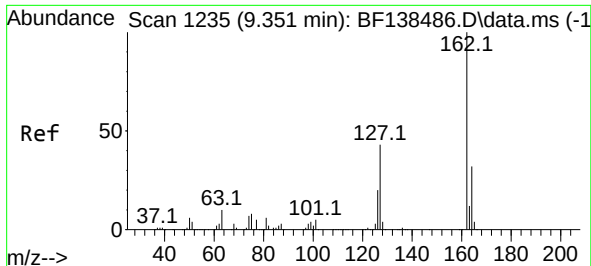
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 50.676 ng

RT: 9.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

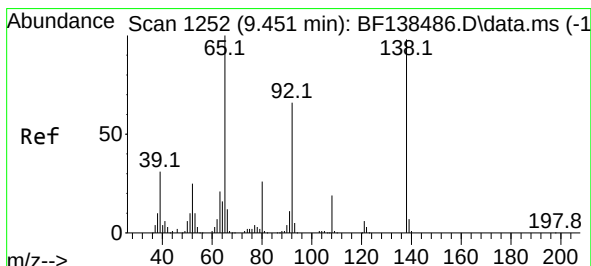
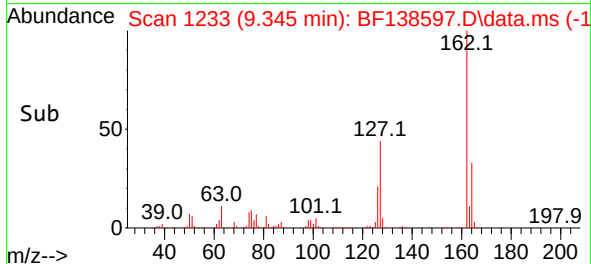
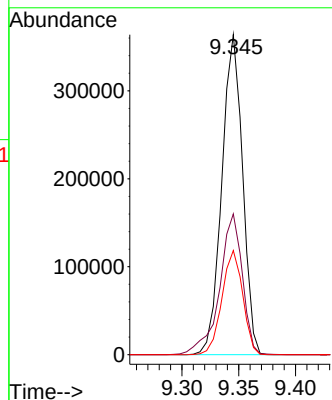
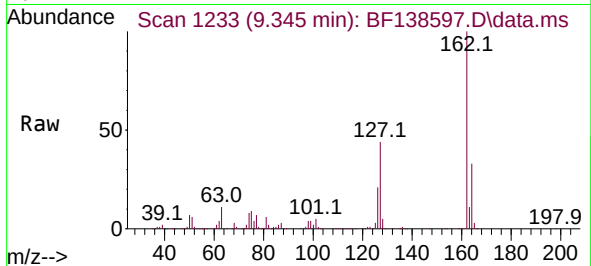
Tgt Ion:162 Resp: 462802

Ion Ratio Lower Upper

162 100

127 44.0 34.8 52.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 55.192 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

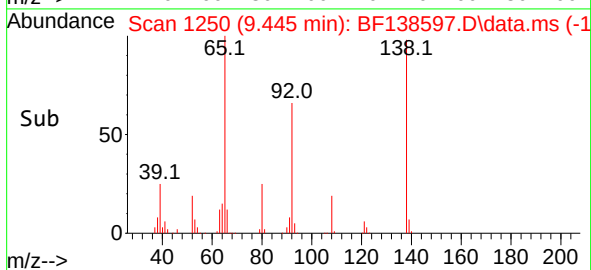
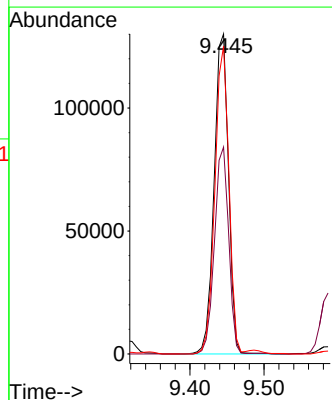
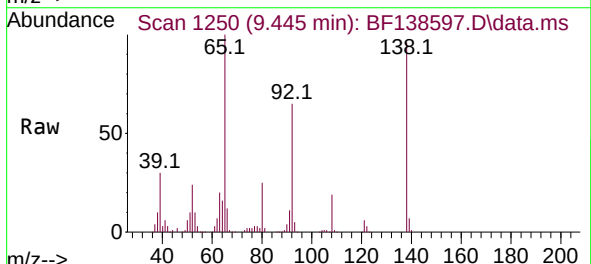
Tgt Ion: 65 Resp: 174667

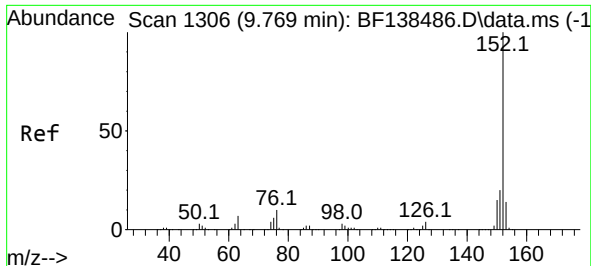
Ion Ratio Lower Upper

65 100

92 64.6 52.6 78.8

138 96.2 78.6 118.0





#49

Acenaphthylene

Concen: 54.532 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

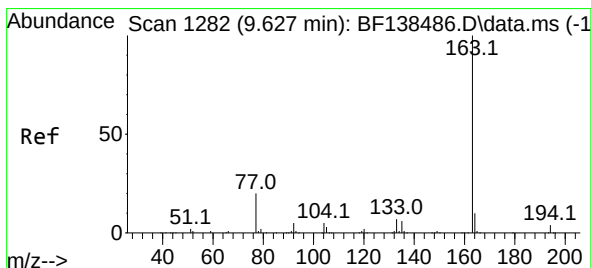
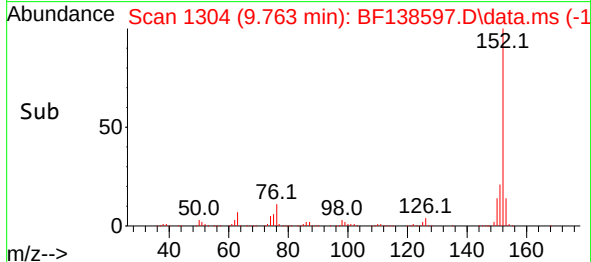
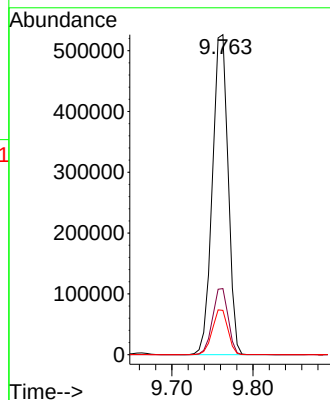
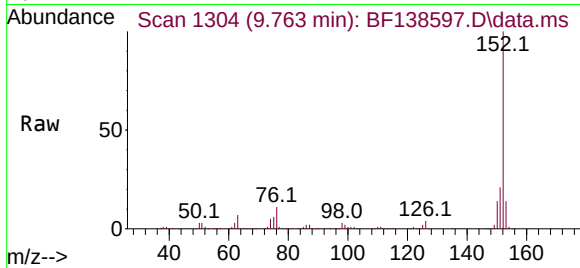
Tgt Ion:152 Resp: 707074

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.8 11.3 16.9



#50

Dimethylphthalate

Concen: 54.440 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

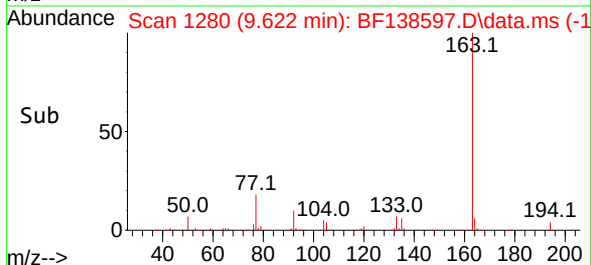
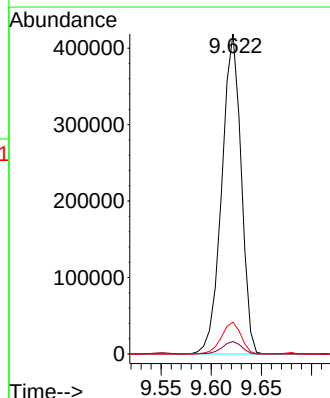
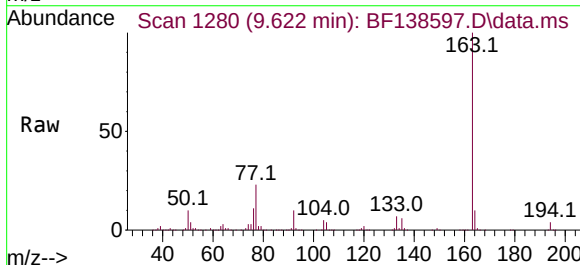
Tgt Ion:163 Resp: 561527

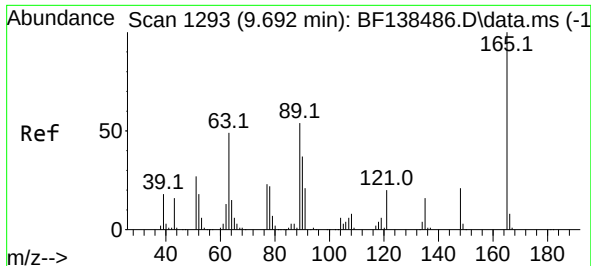
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.9 8.1 12.1

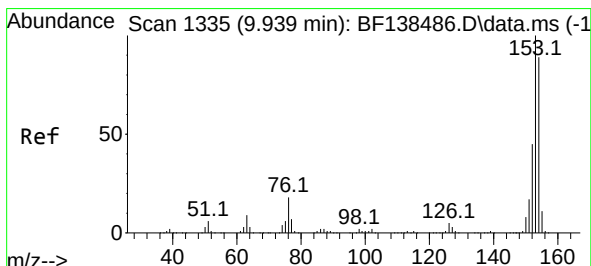
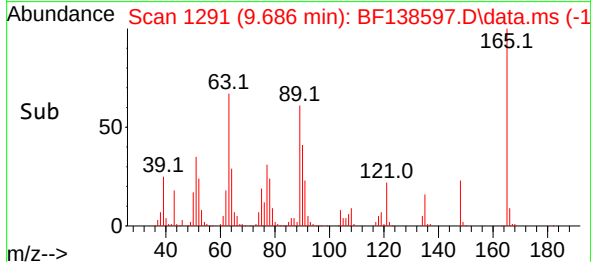
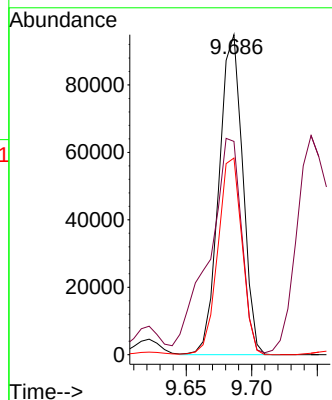
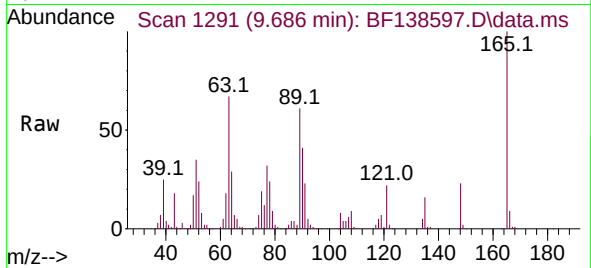




#51
2,6-Dinitrotoluene
Concen: 50.239 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

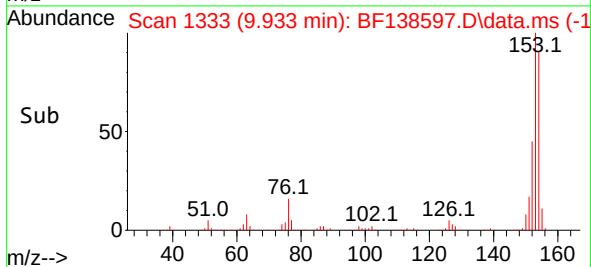
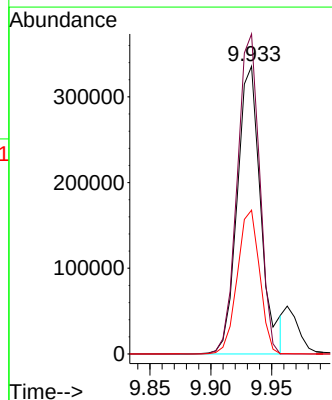
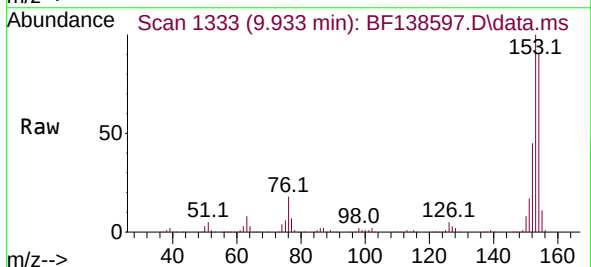
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

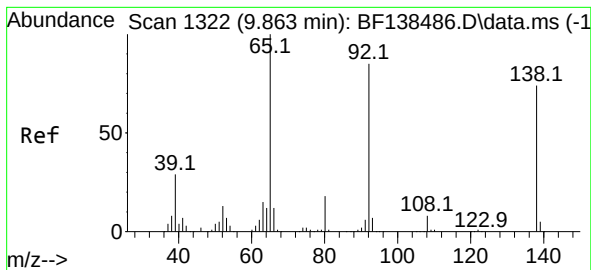
Tgt Ion:165 Resp: 119313
Ion Ratio Lower Upper
165 100
63 66.7 48.1 72.1
89 61.5 43.0 64.6



#52
Acenaphthene
Concen: 52.667 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:154 Resp: 453930
Ion Ratio Lower Upper
154 100
153 111.2 90.4 135.6
152 50.0 41.1 61.7





#53

3-Nitroaniline

Concen: 35.725 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

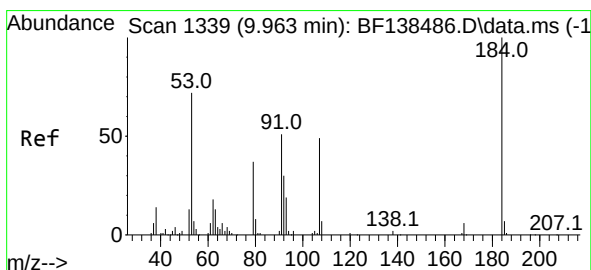
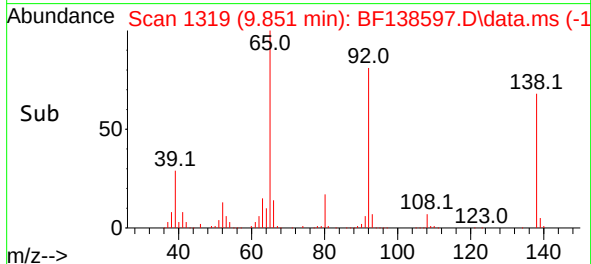
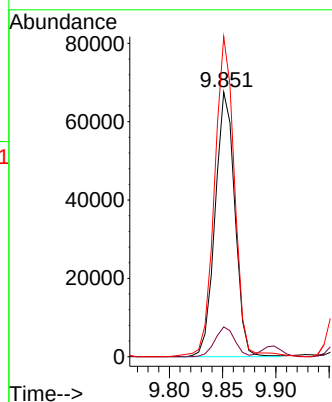
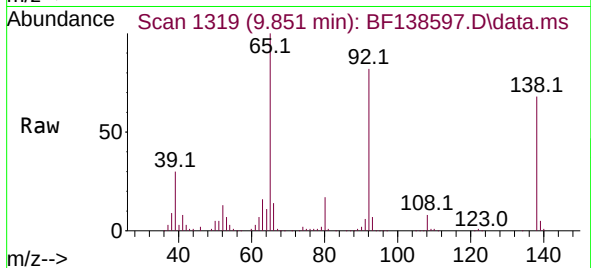
Tgt Ion:138 Resp: 86959

Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 120.9 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 82.739 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

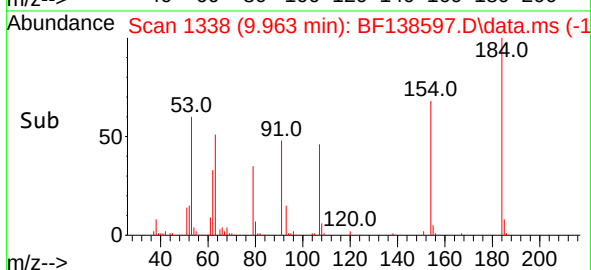
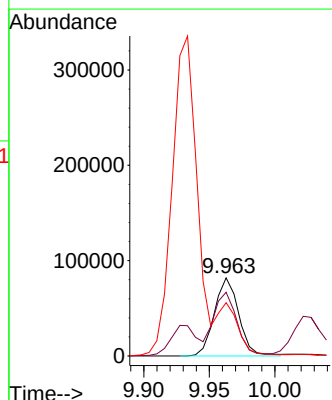
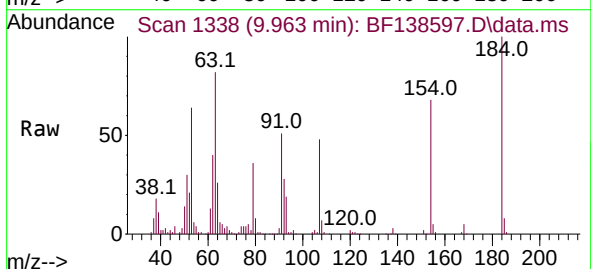
Tgt Ion:184 Resp: 105675

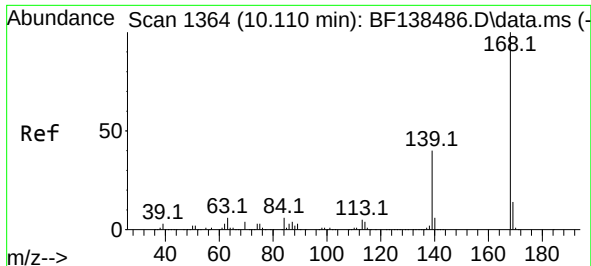
Ion Ratio Lower Upper

184 100

63 81.7 70.6 106.0

154 68.3 53.8 80.6

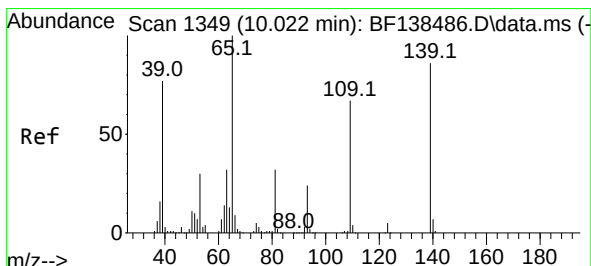
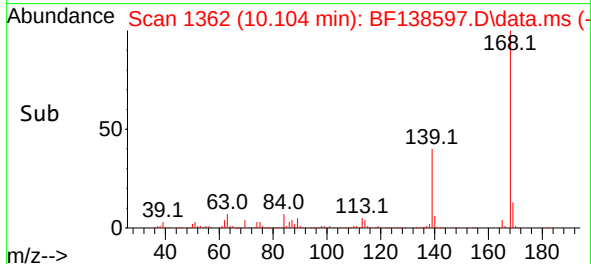
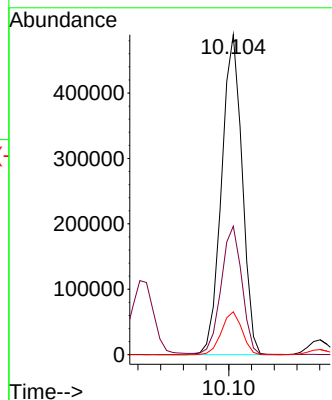
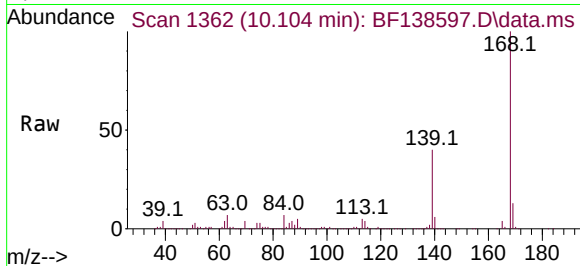




#55
Dibenzenofuran
Concen: 49.182 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

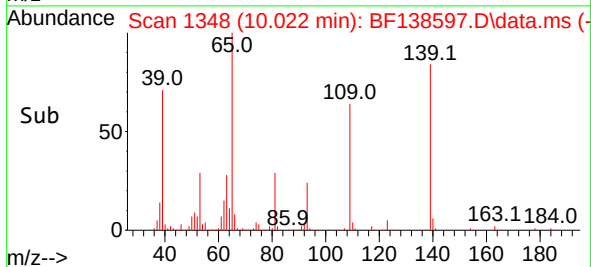
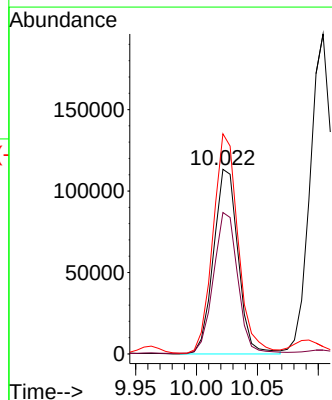
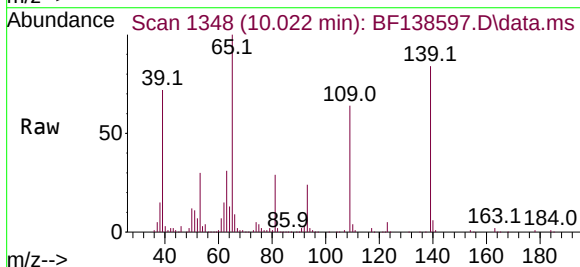
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

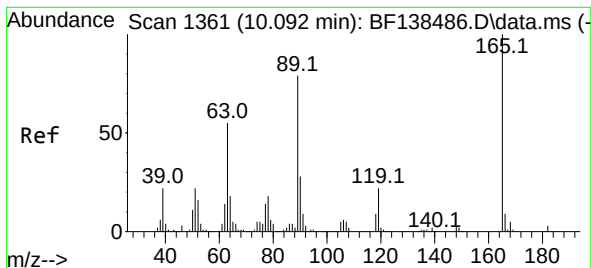
Tgt Ion:168 Resp: 614842
Ion Ratio Lower Upper
168 100
139 40.1 32.4 48.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 88.356 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:139 Resp: 158690
Ion Ratio Lower Upper
139 100
109 76.6 58.1 98.1
65 119.2 96.9 136.9

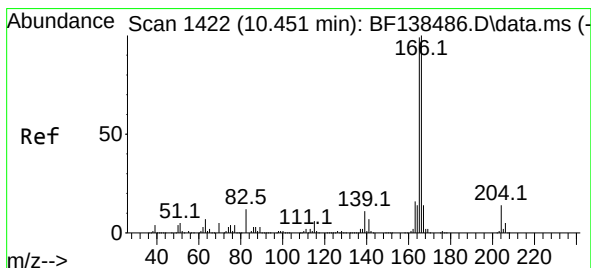
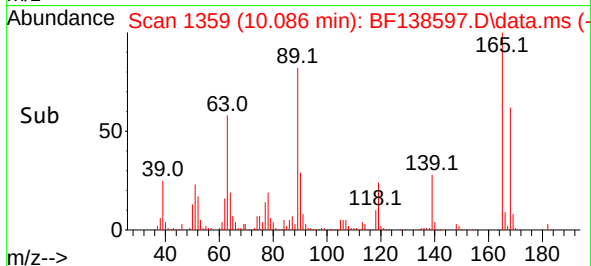
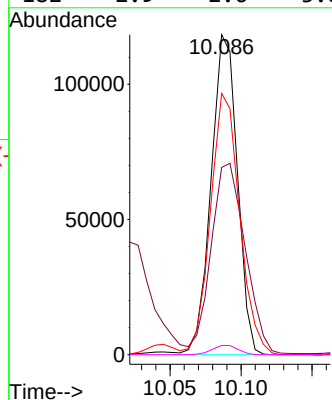
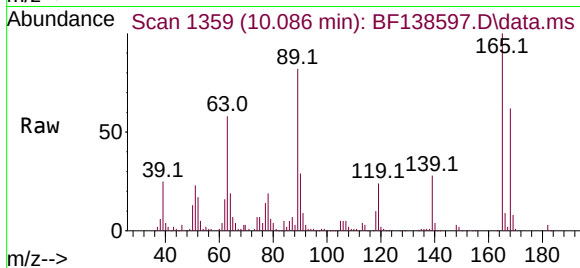




#57
2,4-Dinitrotoluene
Concen: 49.477 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

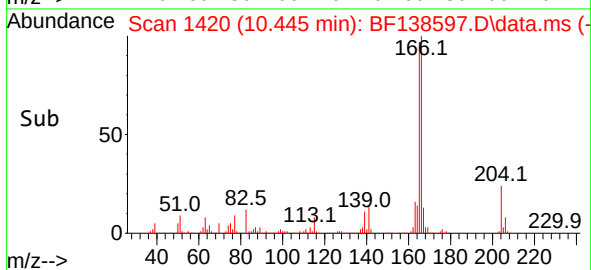
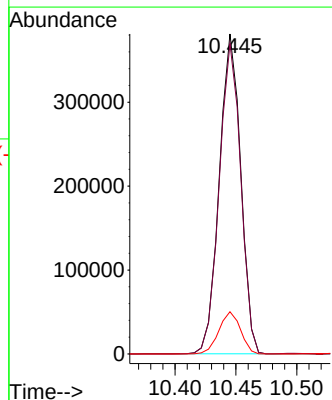
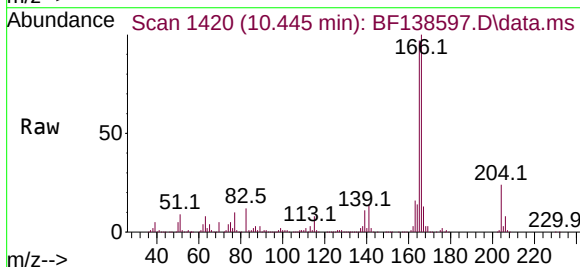
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

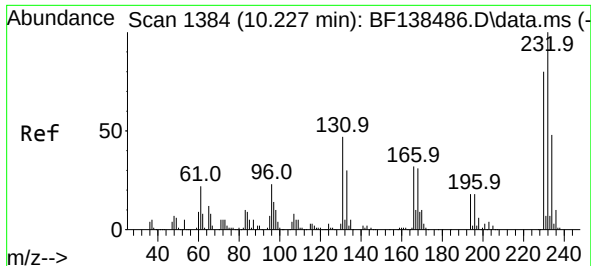
Tgt Ion:	165	Resp:	152033
Ion	Ratio	Lower	Upper
165	100		
63	58.5	44.6	66.8
89	81.7	63.4	95.2
182	2.9	2.6	3.8



#58
Fluorene
Concen: 47.133 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:	166	Resp:	466227
Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.1	118.7
167	13.2	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.992 ng

RT: 10.222 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

Tgt Ion:232 Resp: 115679

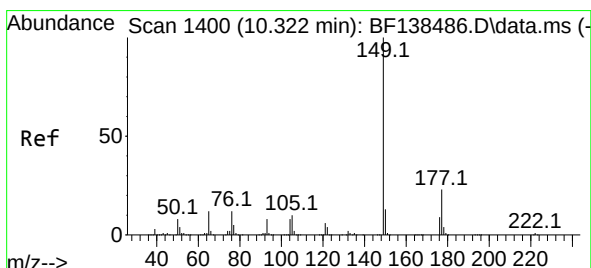
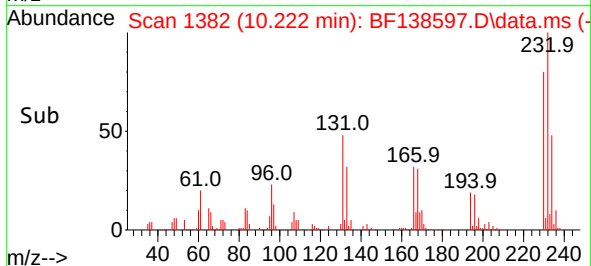
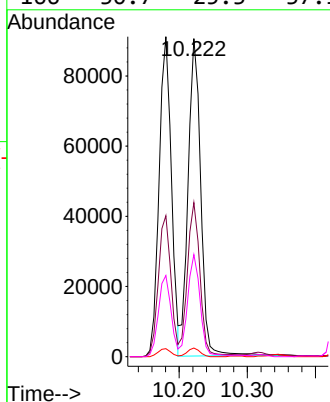
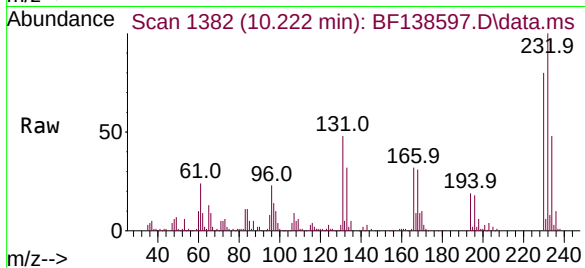
Ion Ratio Lower Upper

232 100

131 47.0 37.5 56.3

130 2.7 2.0 3.0

166 30.7 25.3 37.9



#60

Diethylphthalate

Concen: 52.821 ng

RT: 10.316 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

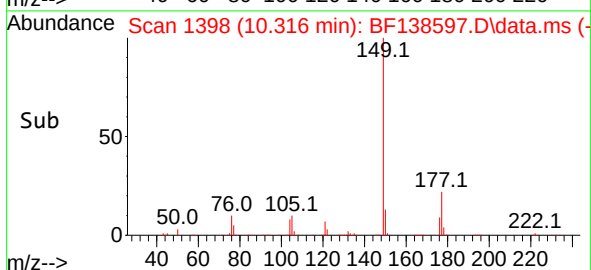
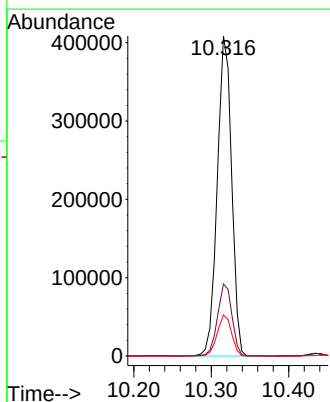
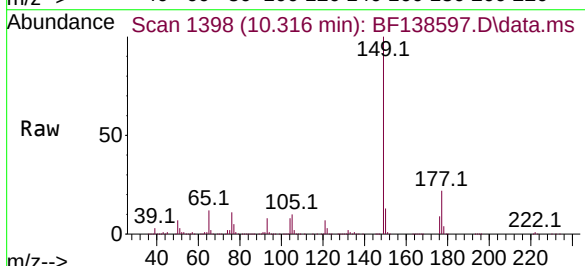
Tgt Ion:149 Resp: 525237

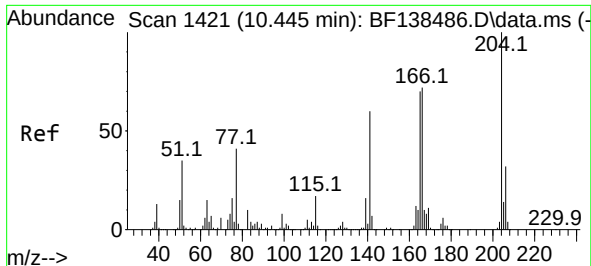
Ion Ratio Lower Upper

149 100

177 22.5 18.5 27.7

150 12.8 10.3 15.5

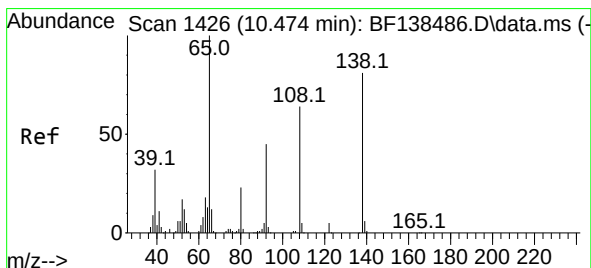
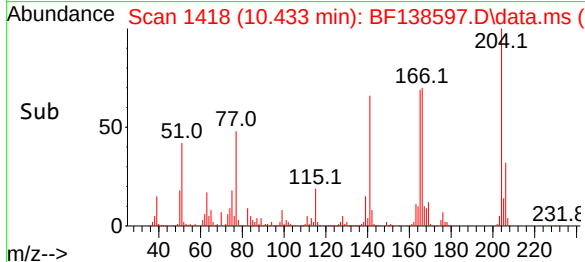
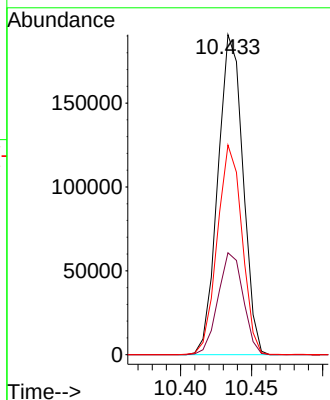
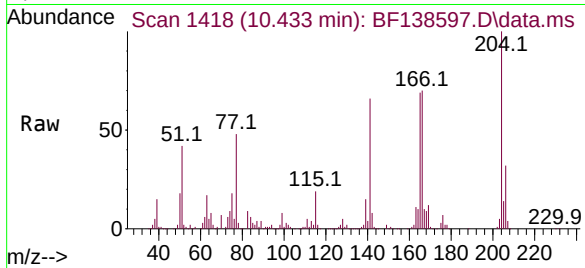




#61
4-Chlorophenyl-phenylether
Concen: 47.121 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

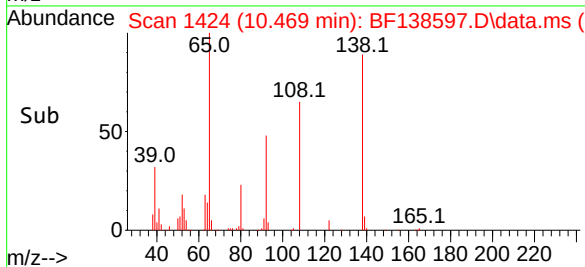
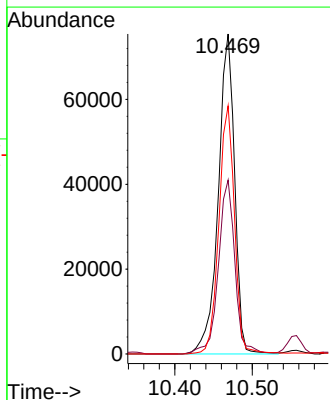
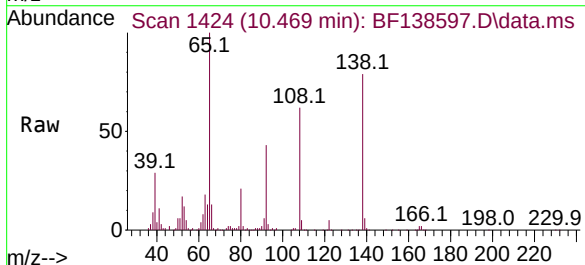
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

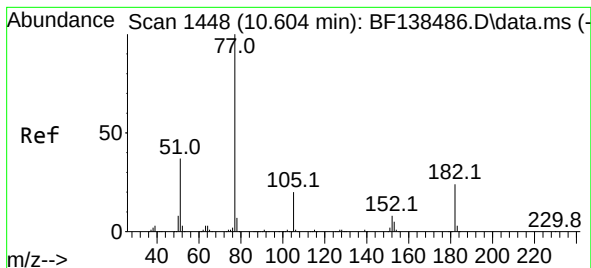
Tgt Ion:204 Resp: 234055
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 65.5 47.7 71.5



#62
4-Nitroaniline
Concen: 45.398 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:138 Resp: 110733
Ion Ratio Lower Upper
138 100
92 54.4 35.8 75.8
108 77.5 59.8 99.8





#63

Azobenzene

Concen: 49.993 ng

RT: 10.598 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

Tgt Ion: 77 Resp: 534464

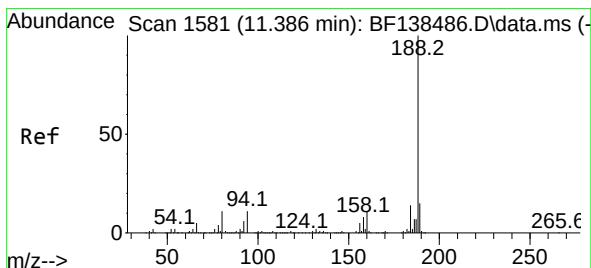
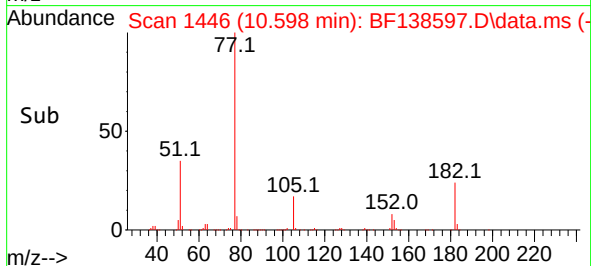
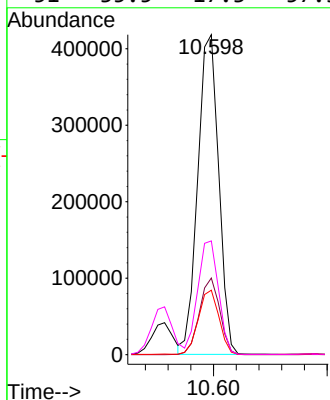
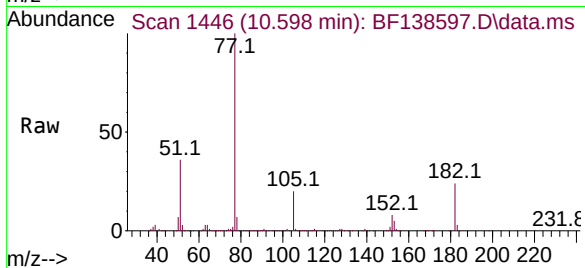
Ion Ratio Lower Upper

77 100

182 24.0 3.8 43.8

105 20.2 0.0 39.8

51 35.5 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

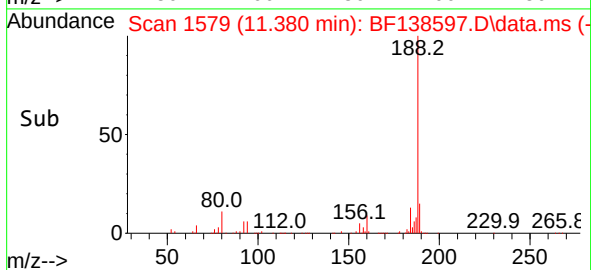
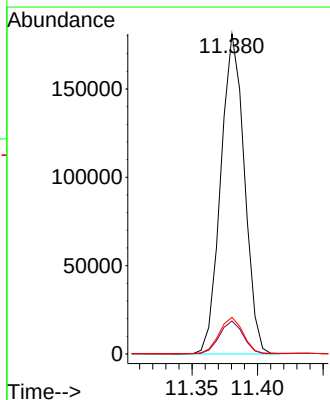
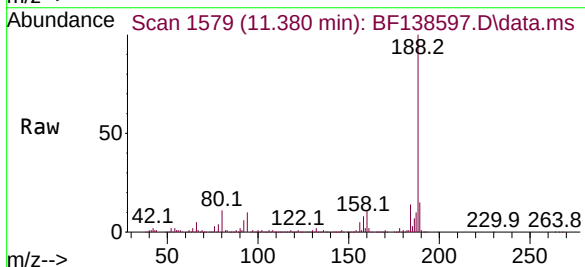
Tgt Ion: 188 Resp: 227088

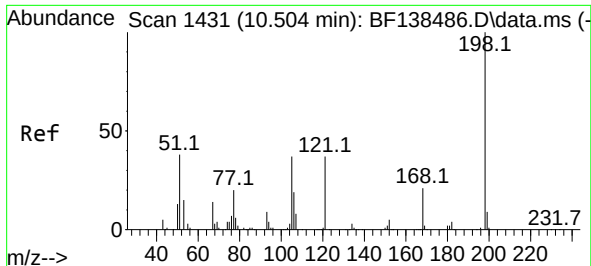
Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.4 9.0 13.4

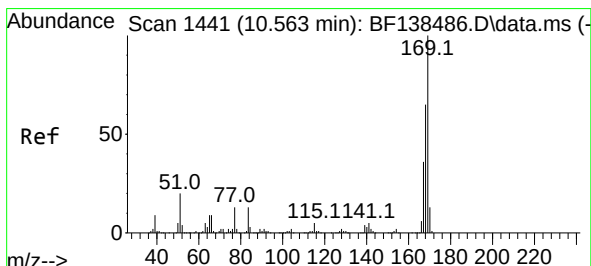
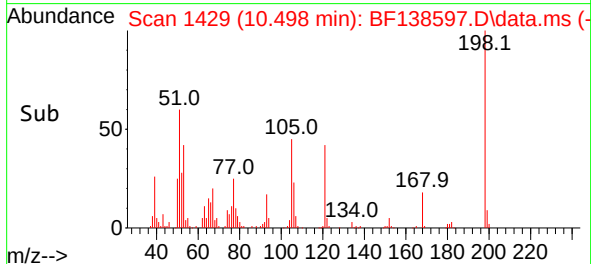
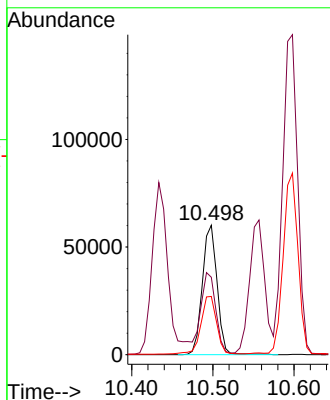
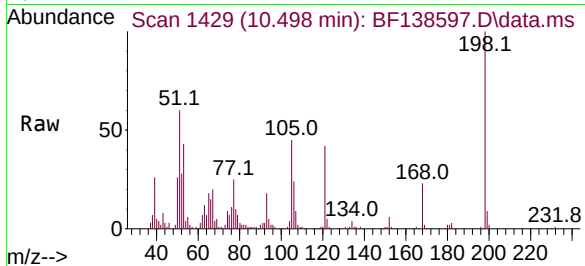




#65
4,6-Dinitro-2-methylphenol
Concen: 57.805 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

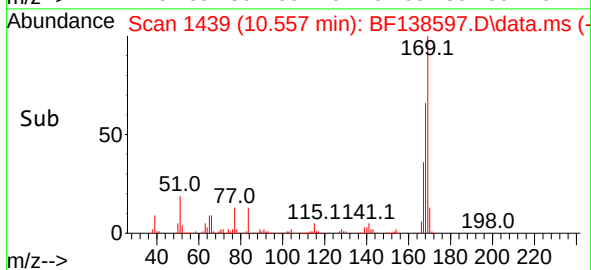
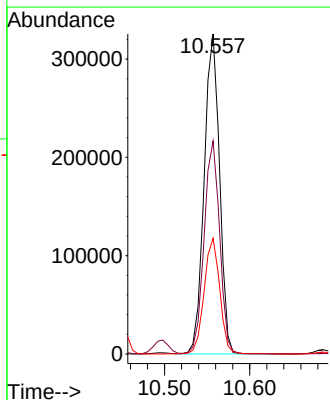
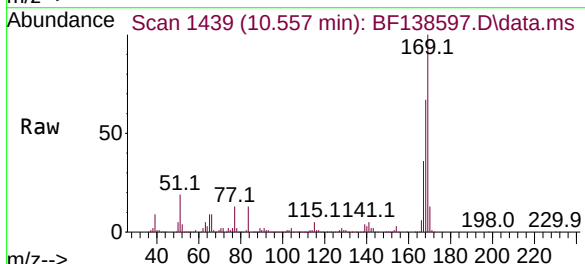
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

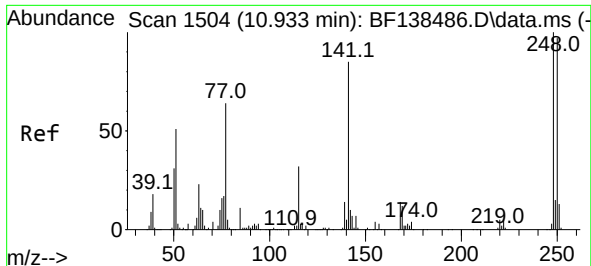
Tgt Ion:198 Resp: 75796
Ion Ratio Lower Upper
198 100
51 59.9 27.2 67.2
105 45.1 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 60.080 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:169 Resp: 408766
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.1 28.5 42.7

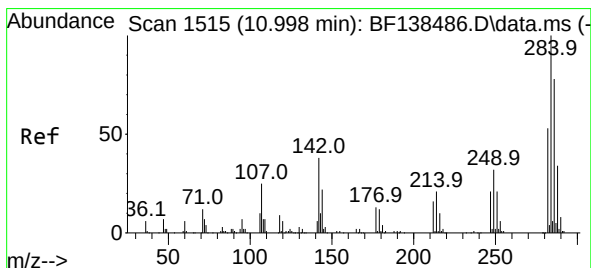
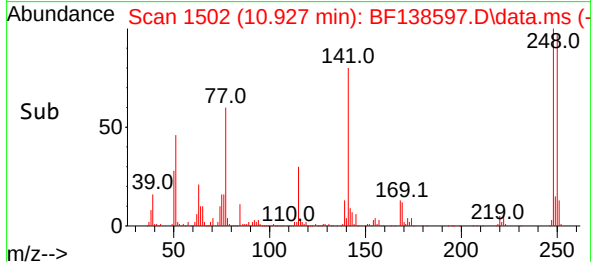
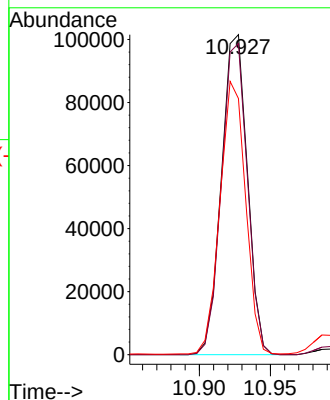
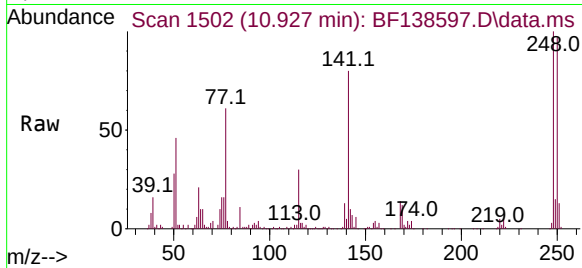




#67
4-Bromophenyl-phenylether
Concen: 55.335 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

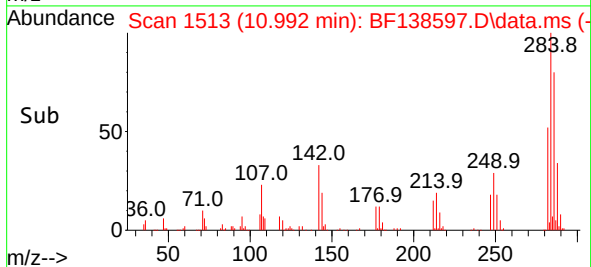
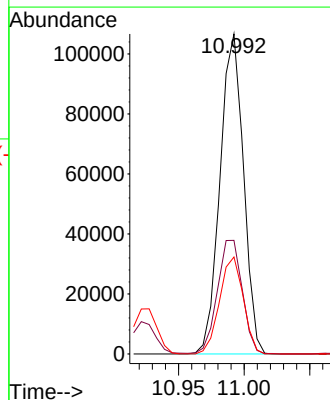
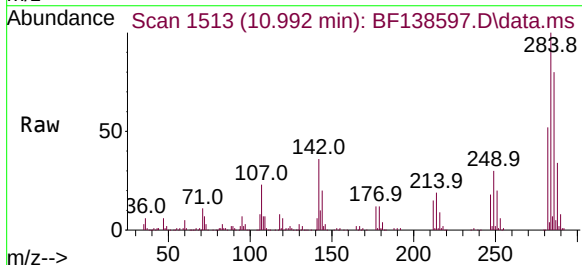
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

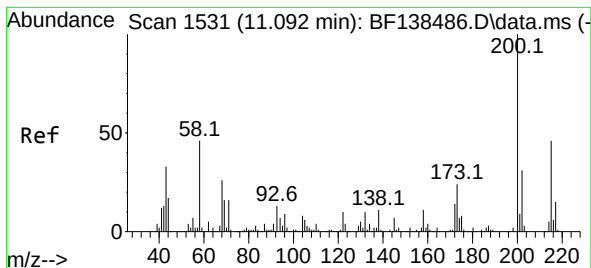
Tgt Ion:248 Resp: 129154
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 80.1 67.7 101.5



#68
Hexachlorobenzene
Concen: 51.165 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:284 Resp: 132669
Ion Ratio Lower Upper
284 100
142 35.5 30.5 45.7
249 30.3 25.9 38.9





#69

Atrazine

Concen: 53.197 ng

RT: 11.080 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

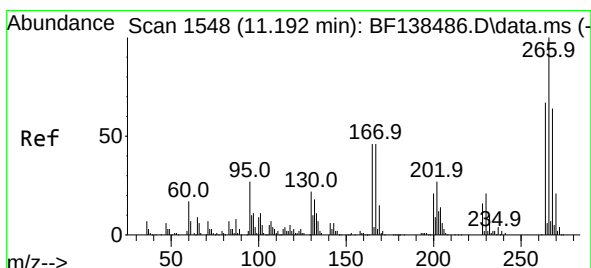
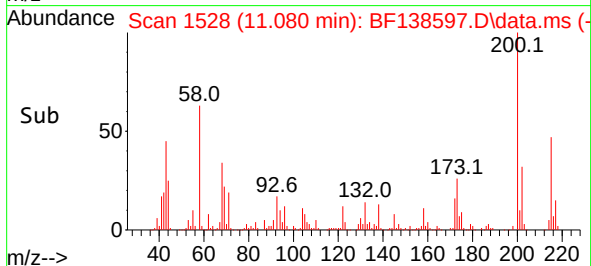
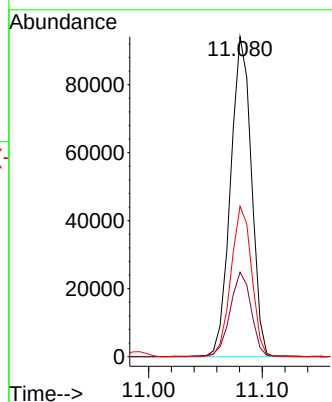
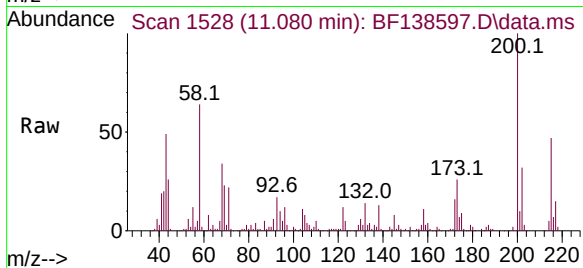
Tgt Ion:200 Resp: 119998

Ion Ratio Lower Upper

200 100

173 26.4 4.1 44.1

215 47.0 26.5 66.5



#70

Pentachlorophenol

Concen: 92.430 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

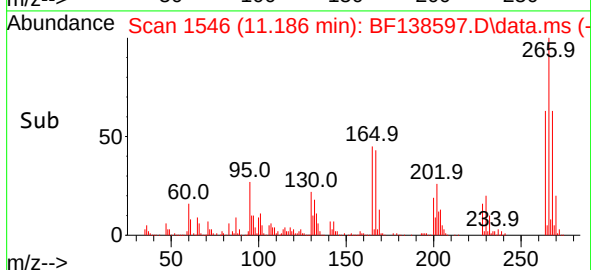
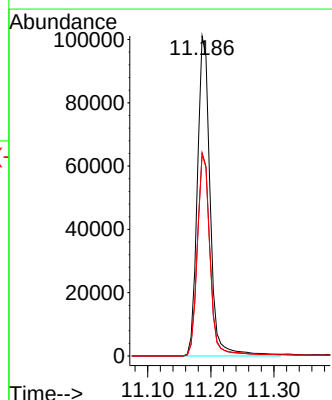
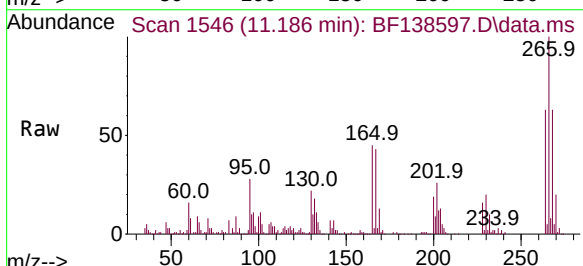
Tgt Ion:266 Resp: 141817

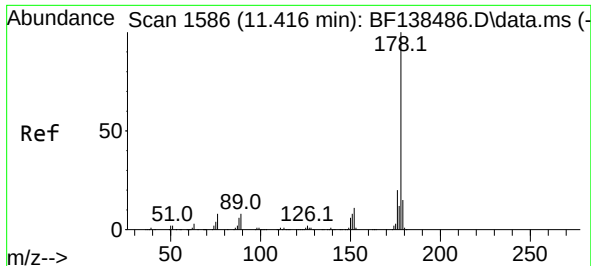
Ion Ratio Lower Upper

266 100

268 63.5 50.9 76.3

264 63.1 53.5 80.3

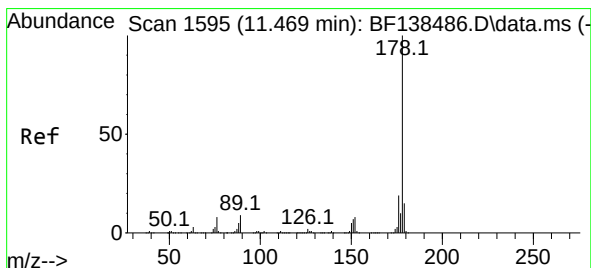
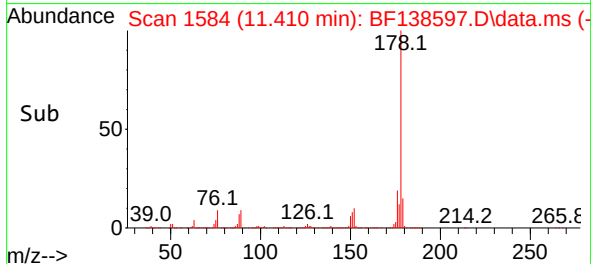
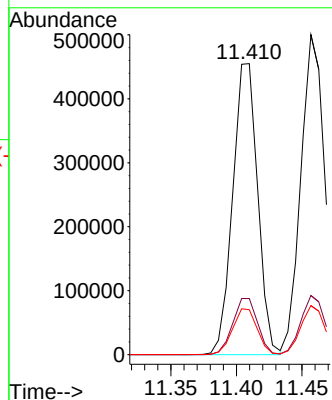
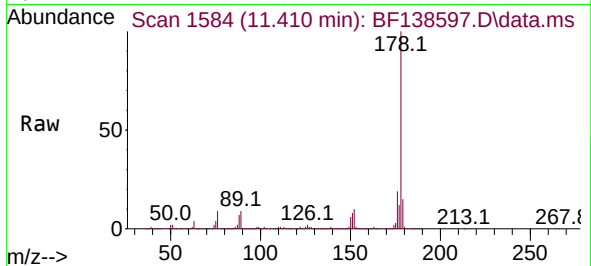




#71
Phenanthrene
Concen: 52.581 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

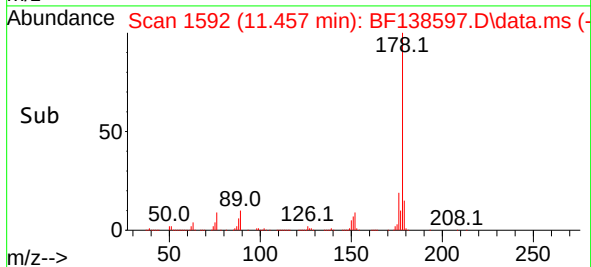
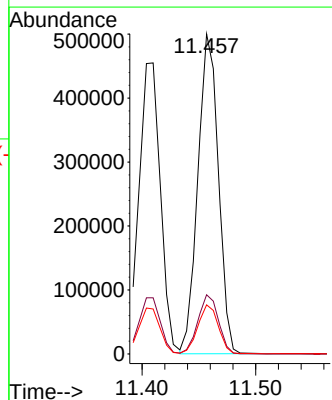
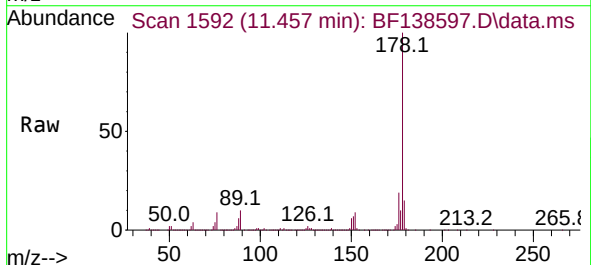
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

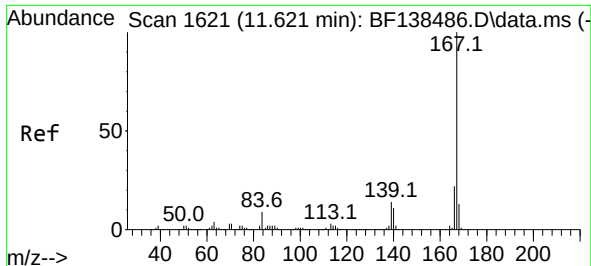
Tgt Ion:178 Resp: 603249
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 12.2 18.2



#72
Anthracene
Concen: 55.139 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:178 Resp: 627949
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4

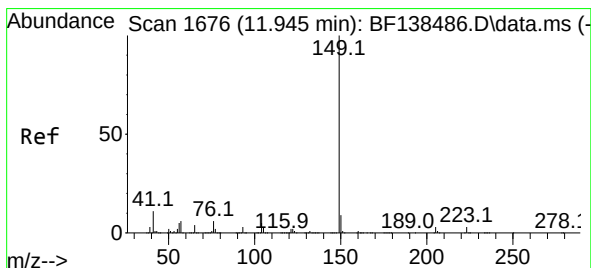
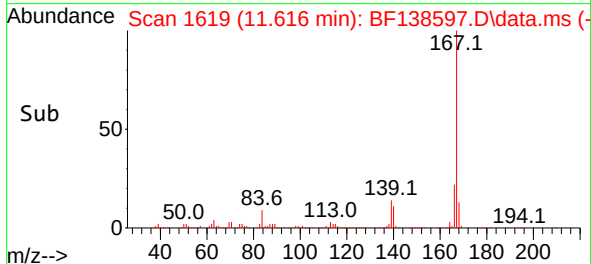
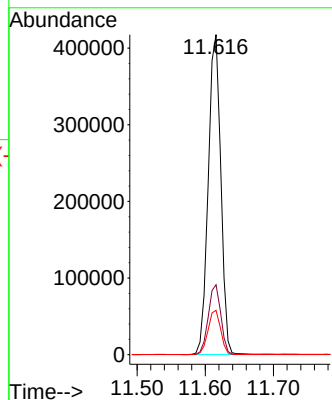
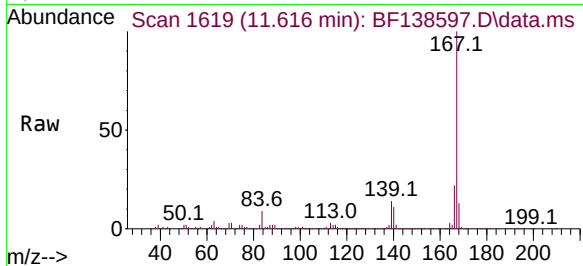




#73
 Carbazole
 Concen: 52.243 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

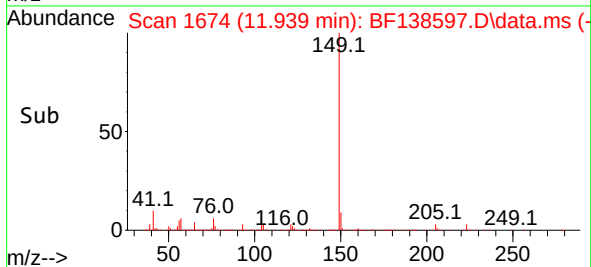
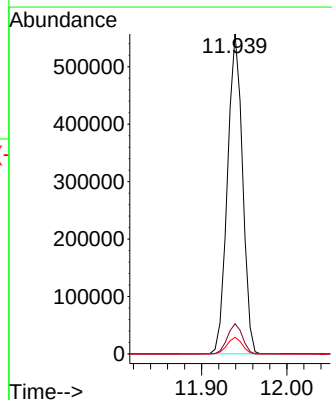
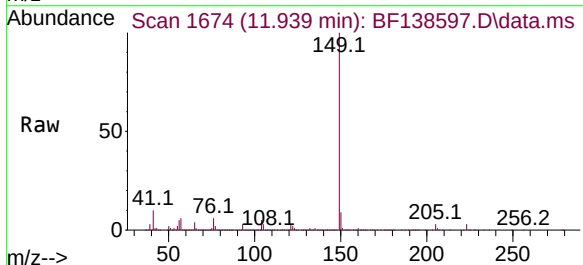
Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD

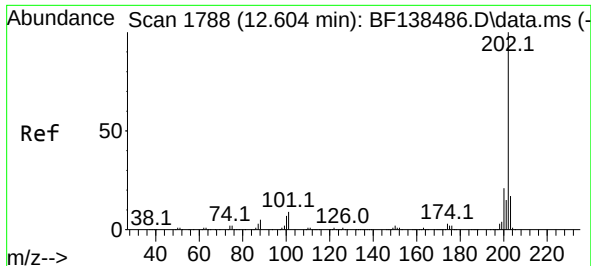
Tgt Ion:167 Resp: 534682
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.9 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 58.110 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Tgt Ion:149 Resp: 685526
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.2 4.4 6.6

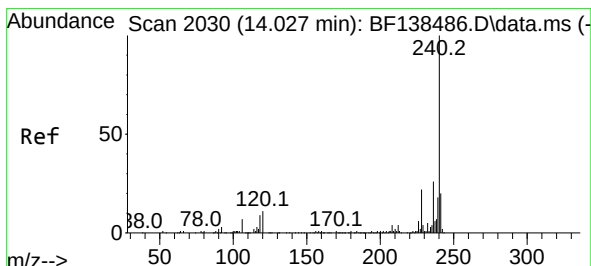
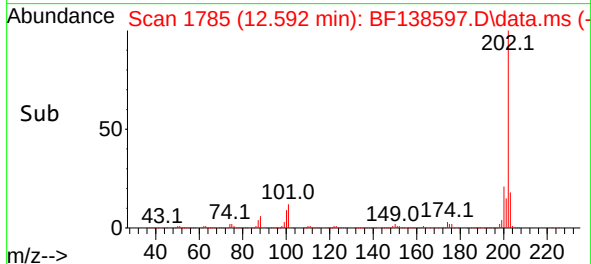
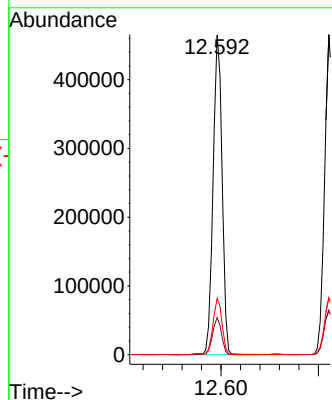
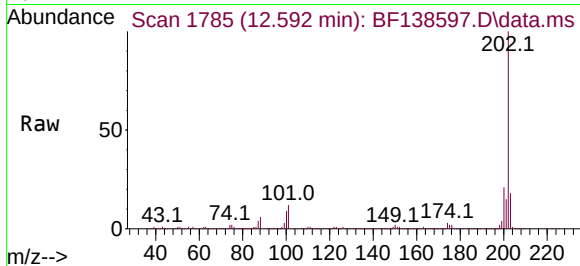




#75
Fluoranthene
Concen: 50.733 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

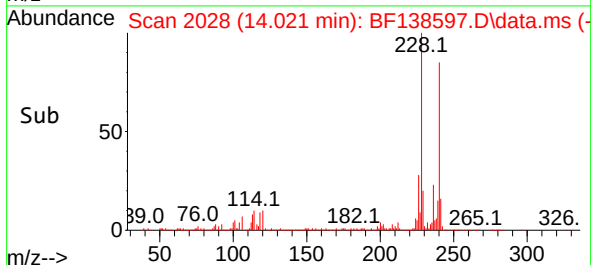
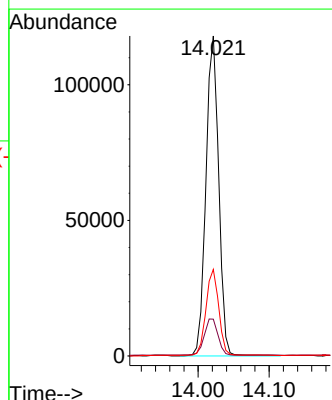
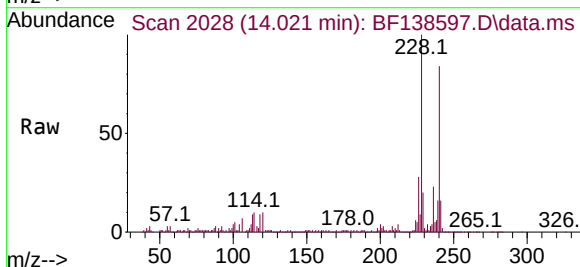
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

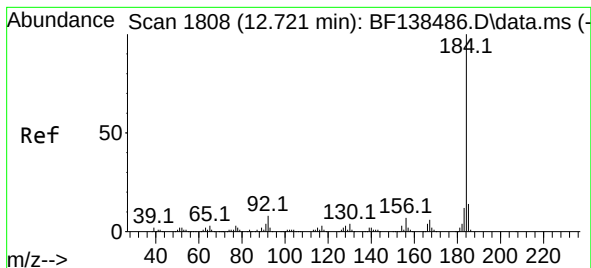
Tgt Ion:202 Resp: 593913
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:240 Resp: 148124
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 27.0 21.0 31.6





#77

Benzidine

Concen: 48.546 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.005 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

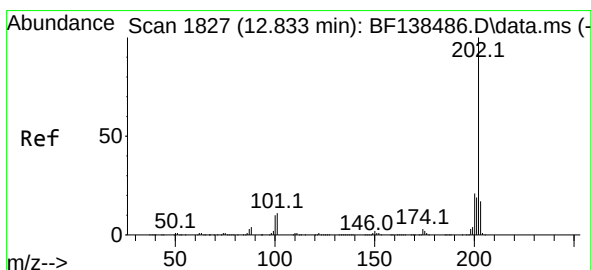
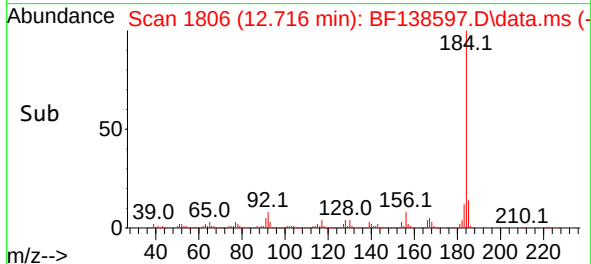
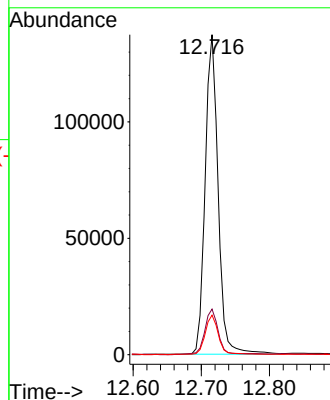
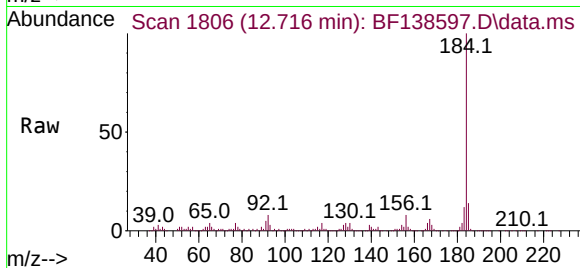
Tgt Ion:184 Resp: 181425

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 39.922 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

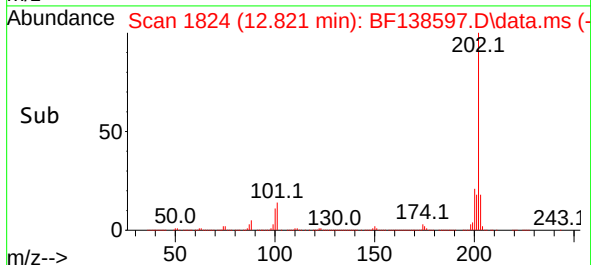
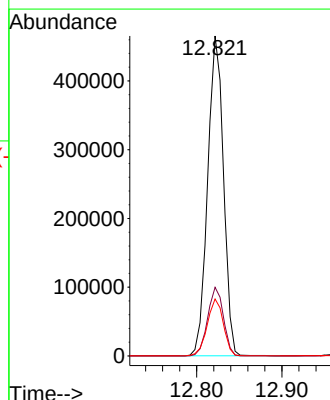
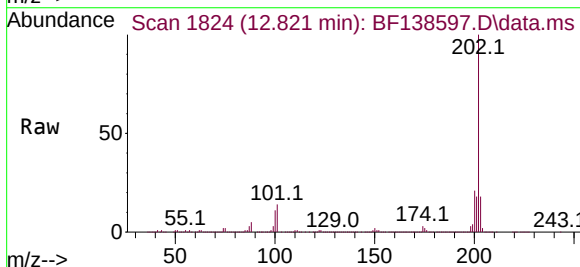
Tgt Ion:202 Resp: 600283

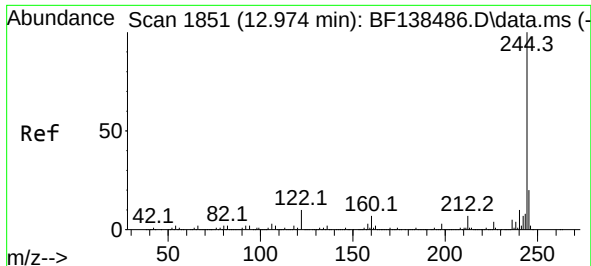
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.8 13.7 20.5

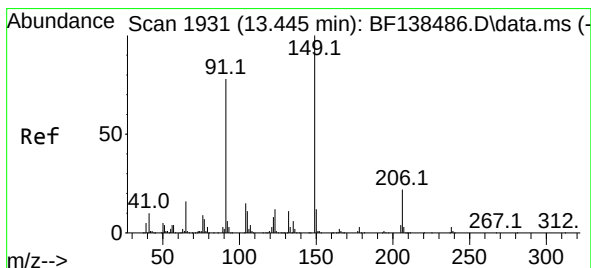
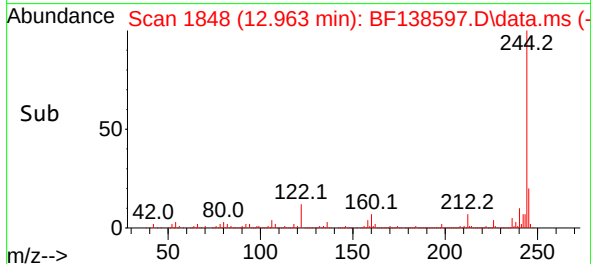
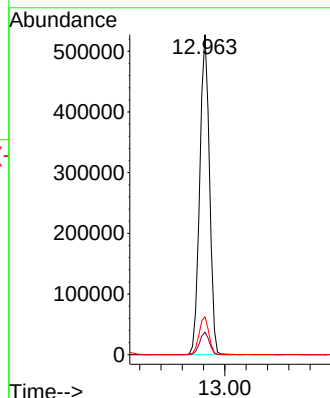
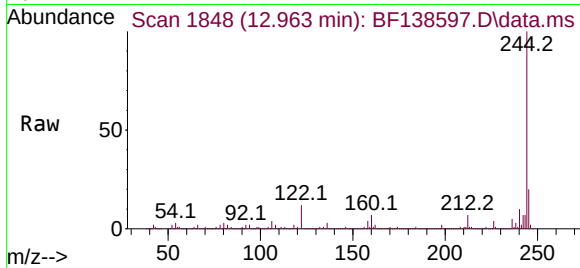




#79
 Terphenyl-d14
 Concen: 73.656 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

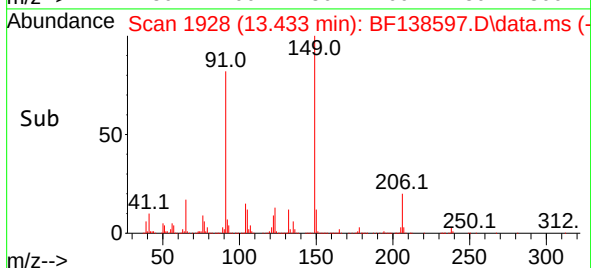
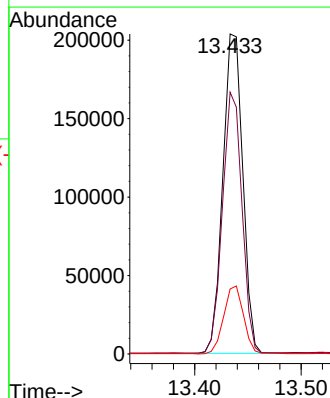
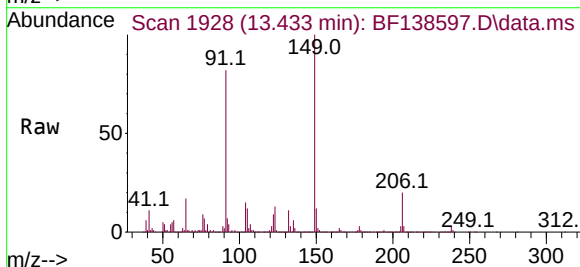
Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD

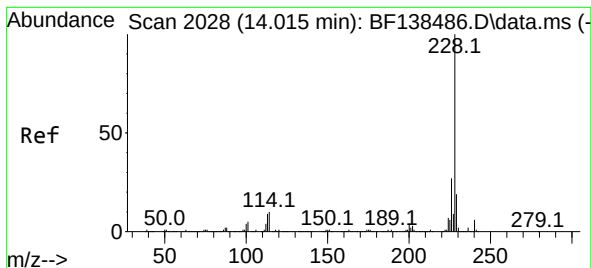
Tgt Ion:244 Resp: 669705
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.8 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 58.509 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Tgt Ion:149 Resp: 264651
 Ion Ratio Lower Upper
 149 100
 91 81.8 62.1 93.1
 206 20.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 52.400 ng

RT: 14.010 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

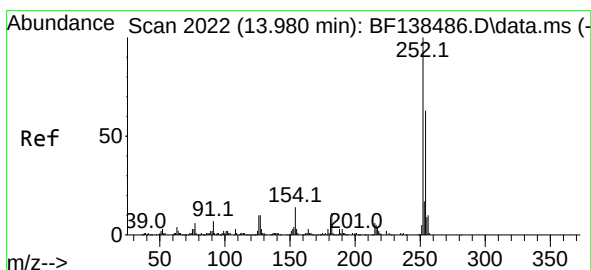
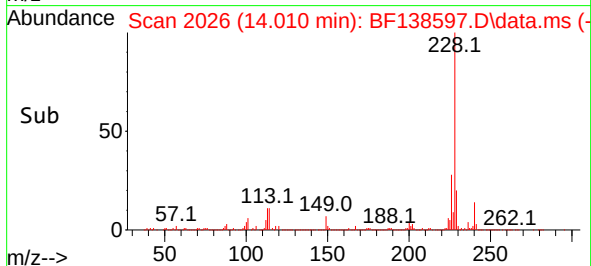
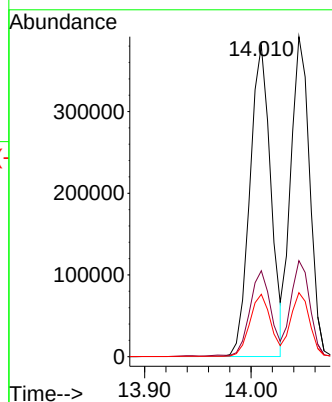
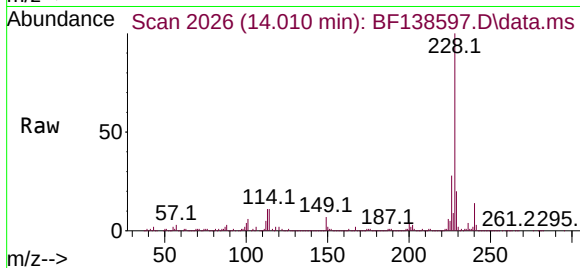
Tgt Ion:228 Resp: 520808

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.674 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

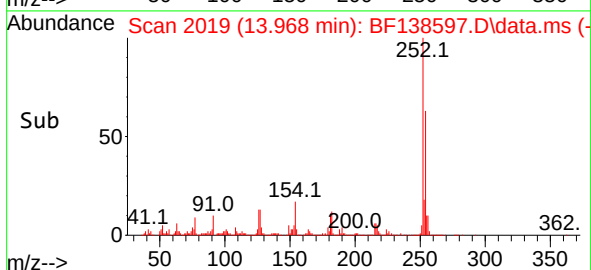
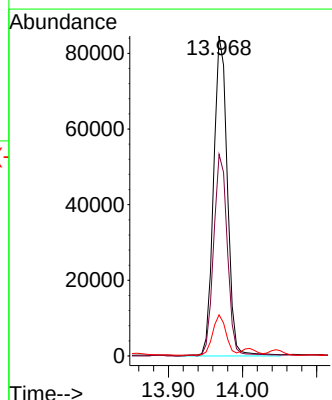
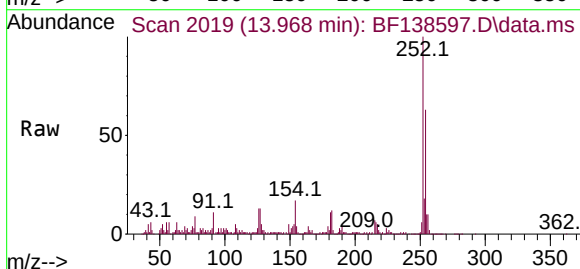
Tgt Ion:252 Resp: 109292

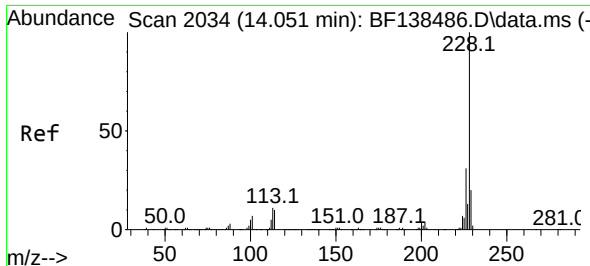
Ion Ratio Lower Upper

252 100

254 63.0 50.3 75.5

126 12.9 8.1 12.1#





#83

Chrysene

Concen: 51.576 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

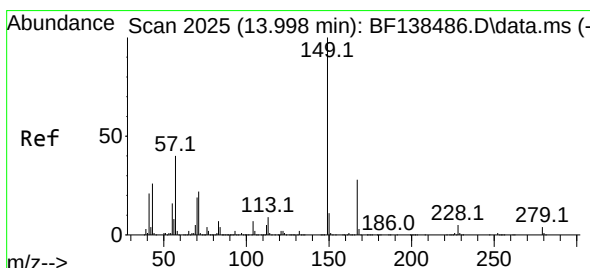
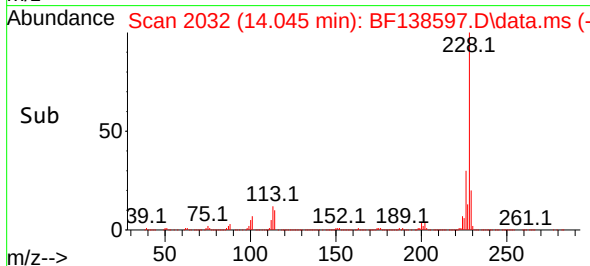
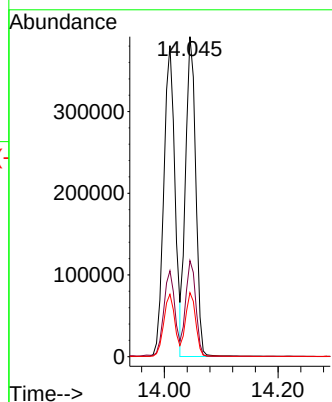
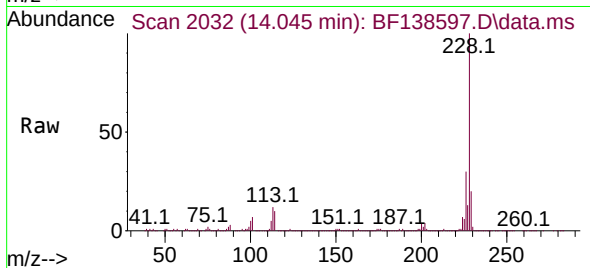
Tgt Ion:228 Resp: 484939

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.084 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

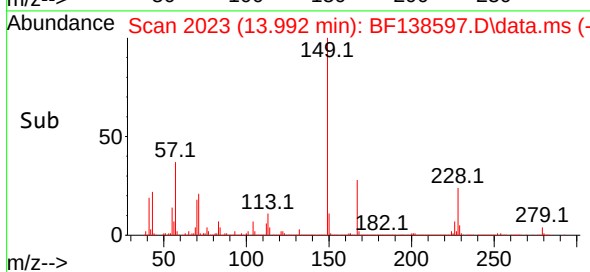
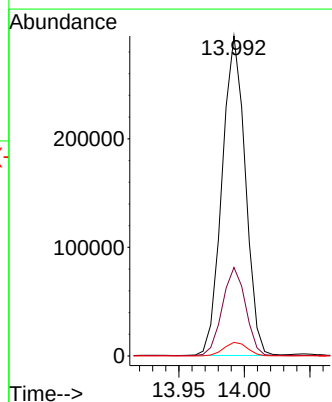
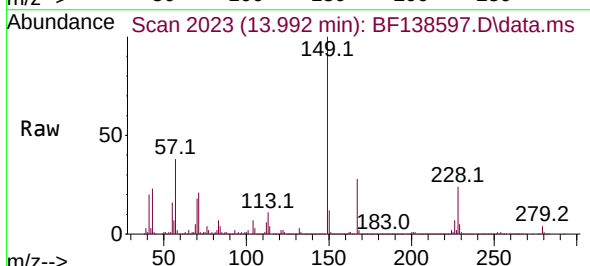
Tgt Ion:149 Resp: 362217

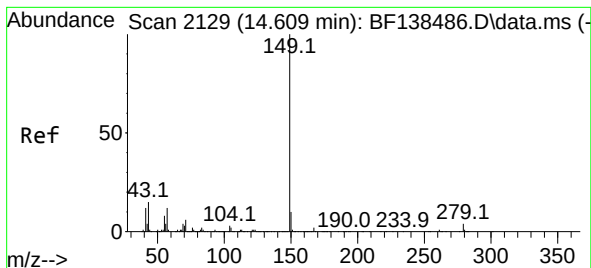
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 75.534 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

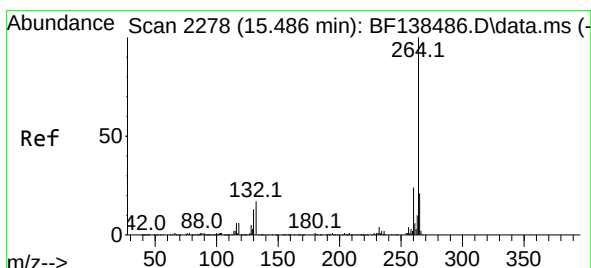
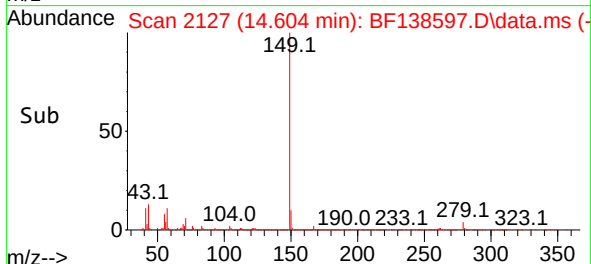
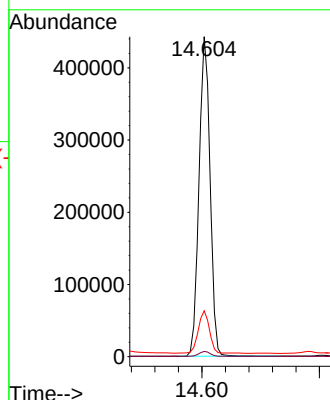
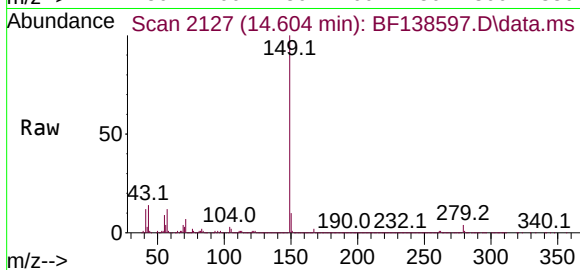
Tgt Ion:149 Resp: 575643

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

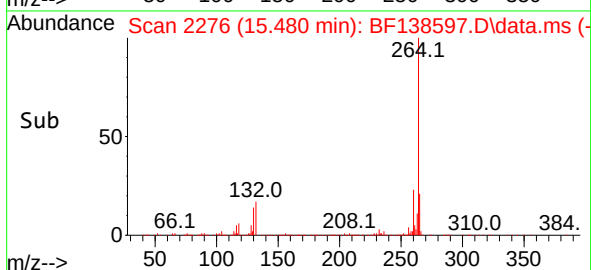
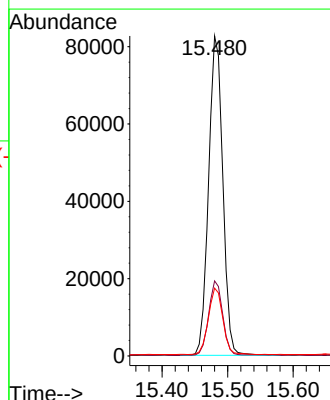
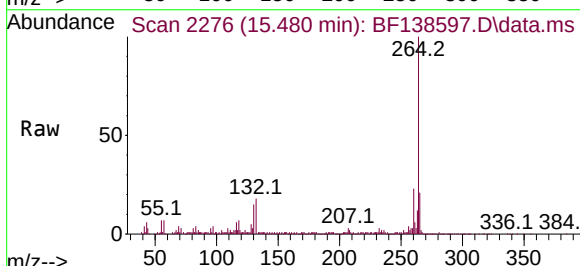
Tgt Ion:264 Resp: 124759

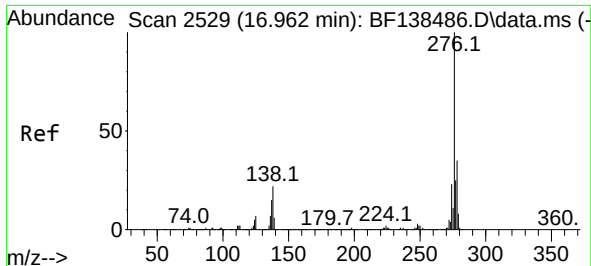
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.2 17.0 25.4

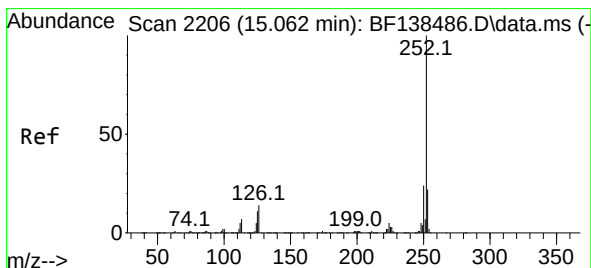
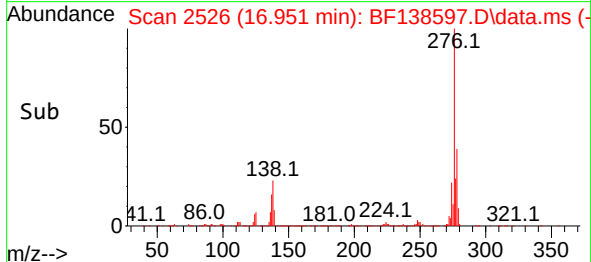
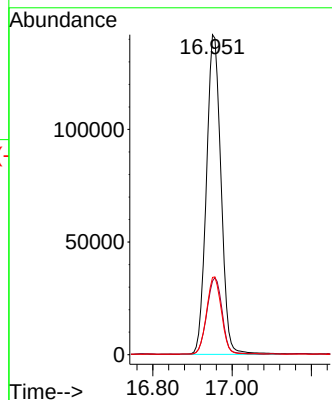
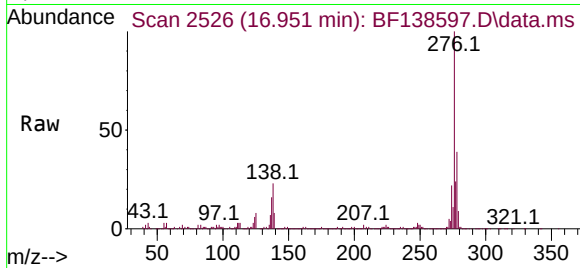




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.223 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

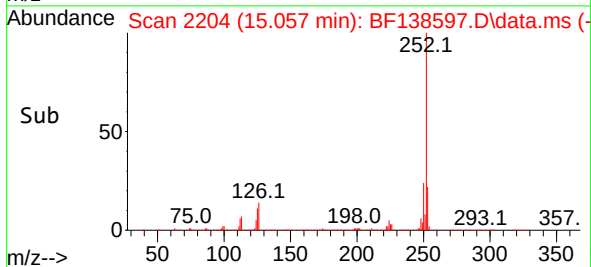
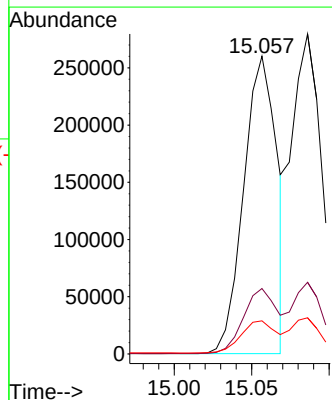
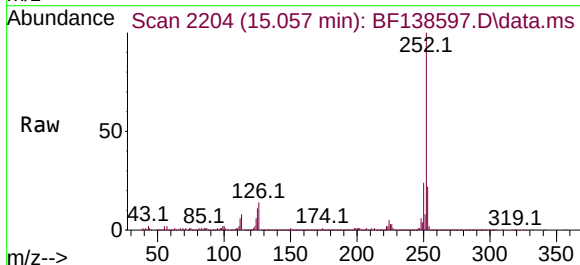
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

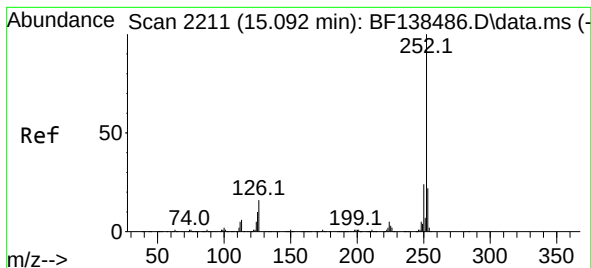
Tgt Ion:276 Resp: 362213
Ion Ratio Lower Upper
276 100
138 24.8 19.6 29.4
277 24.5 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 55.105 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:252 Resp: 387171
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 55.603 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

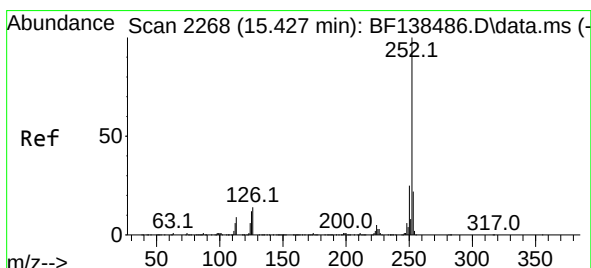
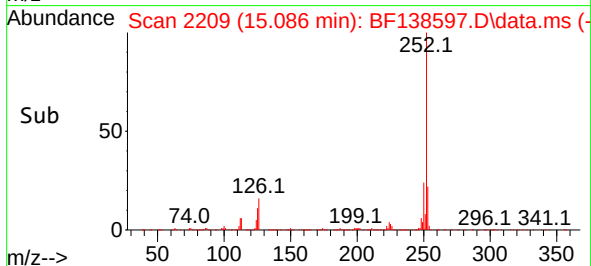
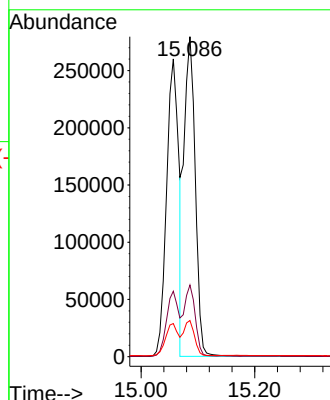
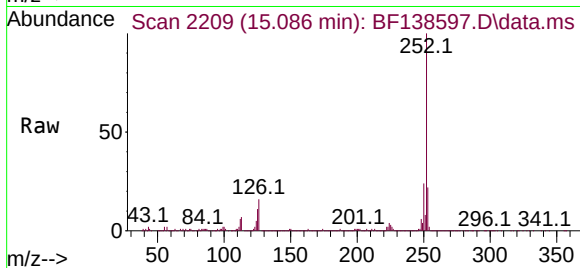
Tgt Ion:252 Resp: 381013

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 54.009 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

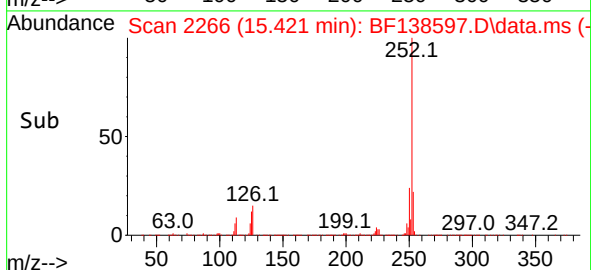
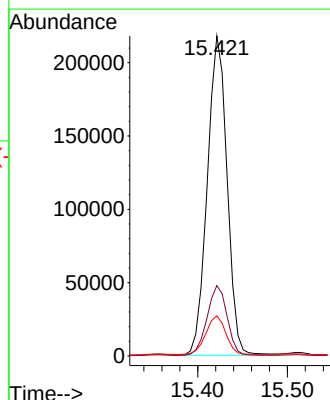
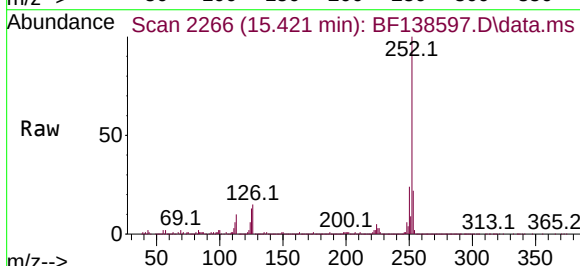
Tgt Ion:252 Resp: 333350

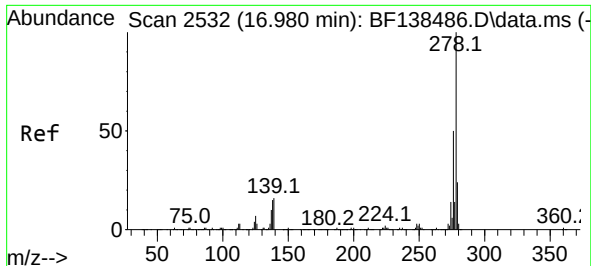
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 12.5 9.4 14.2

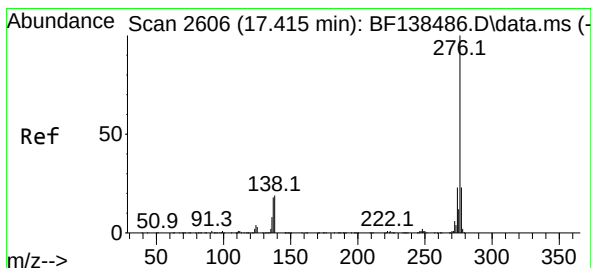
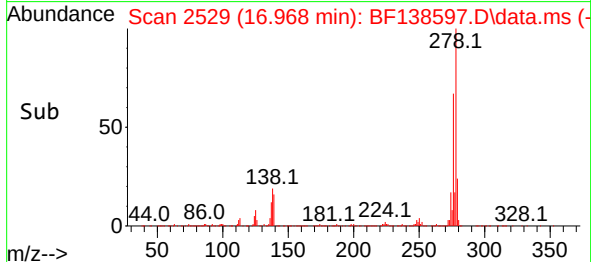
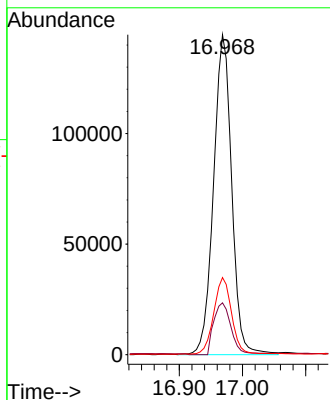
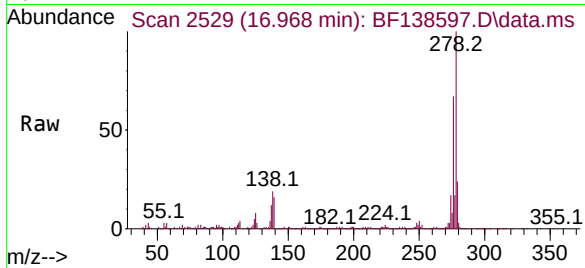




#91
Dibenzo(a,h)anthracene
Concen: 42.232 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Tgt Ion:278 Resp: 289497
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.673 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:276 Resp: 273846
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.0 15.5 23.3

