

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138815.D
 Acq On : 06 Aug 2024 19:39
 Operator : RC/JU
 Sample : P3448-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1MSD

Quant Time: Aug 07 01:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39271	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	158963	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	88504	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	148426	20.000	ng	0.00
76) Chrysene-d12	13.998	240	72032	20.000	ng	0.00
86) Perylene-d12	15.462	264	62804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	368122	144.700	ng	0.02
7) Phenol-d6	6.492	99	455723	133.423	ng	0.00
23) Nitrobenzene-d5	7.410	82	343086	105.521	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	126377	174.321	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	642390	109.056	ng	0.00
79) Terphenyl-d14	12.945	244	588274	136.735	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	42987	38.595	ng	# 82
3) Pyridine	3.534	79	79542	29.481	ng	95
4) n-Nitrosodimethylamine	3.457	42	89552	55.729	ng	89
6) Aniline	6.510	93	45263	14.859	ng	# 1
8) 2-Chlorophenol	6.634	128	147765	55.206	ng	97
9) Benzaldehyde	6.398	77	6588	3.218	ng	91
10) Phenol	6.504	94	168242	46.783	ng	100
11) bis(2-Chloroethyl)ether	6.581	93	137597	49.720	ng	98
12) 1,3-Dichlorobenzene	6.781	146	130593	43.587	ng	98
13) 1,4-Dichlorobenzene	6.857	146	134817	44.587	ng	98
14) 1,2-Dichlorobenzene	7.010	146	130217	46.081	ng	99
15) Benzyl Alcohol	6.992	79	133052	54.047	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	220403	46.277	ng	# 48
17) 2-Methylphenol	7.104	107	120788	54.650	ng	# 89
18) Hexachloroethane	7.345	117	49746	43.707	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	117477	56.945	ng	98
20) 3+4-Methylphenols	7.263	107	161150	56.827	ng	# 77
22) Acetophenone	7.251	105	205891	52.898	ng	97
24) Nitrobenzene	7.428	77	168061	50.797	ng	97
25) Isophorone	7.669	82	311966	56.192	ng	99
26) 2-Nitrophenol	7.739	139	80728	56.714	ng	96
27) 2,4-Dimethylphenol	7.781	122	107961	63.392	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	182920	54.104	ng	99
29) 2,4-Dichlorophenol	7.987	162	129660	59.248	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	130457	51.656	ng	97
31) Naphthalene	8.145	128	430432	51.442	ng	100
32) Benzoic acid	7.922	122	51902	38.769	ng	97
33) 4-Chloroaniline	8.198	127	16479	5.867	ng	95
34) Hexachlorobutadiene	8.251	225	75178	49.146	ng	97
35) Caprolactam	8.634	113	8432	12.913	ng	89
36) 4-Chloro-3-methylphenol	8.692	107	144409	57.739	ng	98
37) 2-Methylnaphthalene	8.834	142	297315	56.263	ng	100
38) 1-Methylnaphthalene	8.934	142	275504	53.204	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	127507	51.863	ng	99
41) Hexachlorocyclopentadiene	8.981	237	93068	137.532	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	88601	59.107	ng	98

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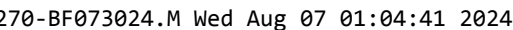
Instrument :
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 QLast Update : Tue Jul 30 17:50:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94631	57.747	ng	99
46) 1,1'-Biphenyl	9.298	154	361392	52.138	ng	99
47) 2-Chloronaphthalene	9.328	162	285216	55.326	ng	98
48) 2-Nitroaniline	9.428	65	96786	55.380	ng	99
49) Acenaphthylene	9.739	152	448384	61.325	ng	99
50) Dimethylphthalate	9.604	163	358609	63.369	ng	100
51) 2,6-Dinitrotoluene	9.669	165	73304	57.397	ng	92
52) Acenaphthene	9.910	154	276000	56.155	ng	99
53) 3-Nitroaniline	9.839	138	12183	9.228	ng	95
54) 2,4-Dinitrophenol	9.957	184	67255	114.396	ng	94
55) Dibenzofuran	10.080	168	416981	60.101	ng	99
56) 4-Nitrophenol	10.022	139	68114	85.791	ng	95
57) 2,4-Dinitrotoluene	10.075	165	100865	61.902	ng	# 90
58) Fluorene	10.428	166	333321	60.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79291	63.290	ng	97
60) Diethylphthalate	10.298	149	344246	64.156	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	163692	60.241	ng	97
62) 4-Nitroaniline	10.457	138	48610	38.743	ng	91
63) Azobenzene	10.575	77	343831	57.775	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	52574	58.059	ng	97
66) n-Nitrosodiphenylamine	10.539	169	203621	43.889	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	95807	59.619	ng	99
68) Hexachlorobenzene	10.975	284	99173	59.770	ng	97
69) Atrazine	11.057	200	22604	18.884	ng	99
70) Pentachlorophenol	11.175	266	83143	111.171	ng	98
71) Phenanthrene	11.386	178	466512	61.040	ng	100
72) Anthracene	11.439	178	470294	62.463	ng	100
73) Carbazole	11.598	167	265969	40.945	ng	99
74) Di-n-butylphthalate	11.916	149	510615	69.925	ng	100
75) Fluoranthene	12.574	202	416784	58.414	ng	99
78) Pyrene	12.804	202	404571	59.653	ng	100
80) Butylbenzylphthalate	13.416	149	146039	67.243	ng	97
81) Benzo(a)anthracene	13.992	228	301590	60.801	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	5446	4.290	ng	99
83) Chrysene	14.027	228	265423	59.311	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	191010	60.062	ng	100
85) Di-n-octyl phthalate	14.580	149	322031	54.730	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	293481	65.207	ng	96
88) Benzo(b)fluoranthene	15.039	252	287238	73.779	ng	98
89) Benzo(k)fluoranthene	15.063	252	257834	76.490	ng	98
90) Benzo(a)pyrene	15.404	252	250528	76.503	ng	97
91) Dibenzo(a,h)anthracene	16.945	278	240740	65.161	ng	97
92) Benzo(g,h,i)perylene	17.374	276	203417	53.058	ng	97

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

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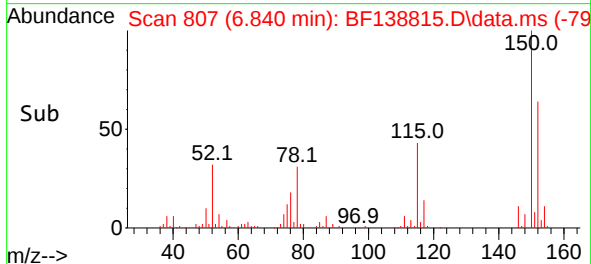
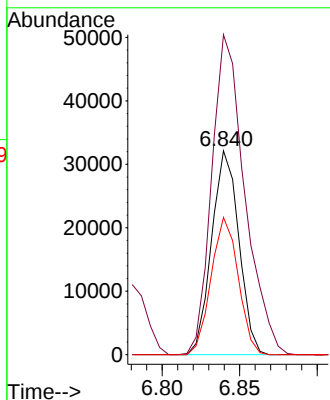
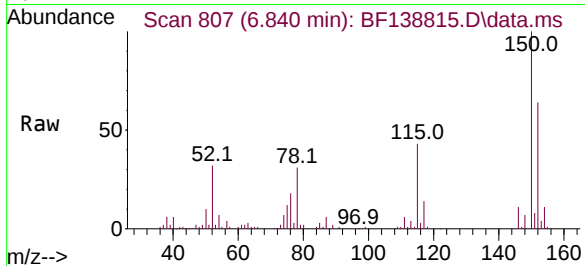




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138815.D
 Acq: 06 Aug 2024 19:39

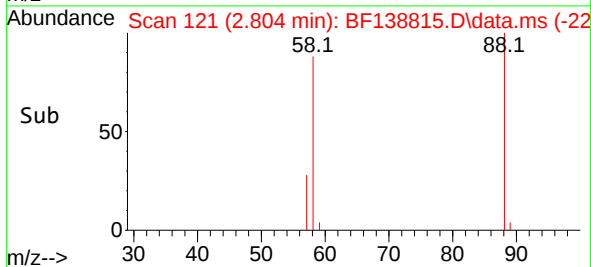
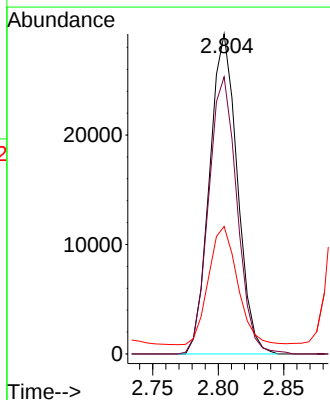
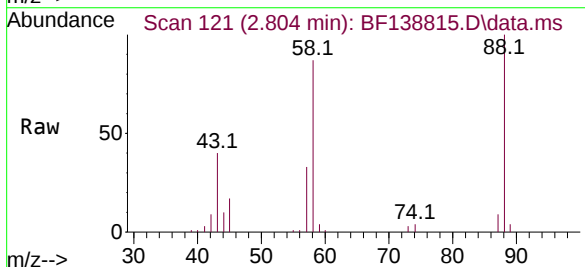
Instrument :
 BNA_F
 ClientSampleId :
 TP1MSD

Tgt Ion:152 Resp: 39271
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.0 189.0
 115 67.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 38.595 ng
 RT: 2.804 min Scan# 121
 Delta R.T. 0.229 min
 Lab File: BF138815.D
 Acq: 06 Aug 2024 19:39

Tgt Ion: 88 Resp: 42987
 Ion Ratio Lower Upper
 88 100
 58 88.7 71.6 107.4
 43 0.0 28.7 43.1#

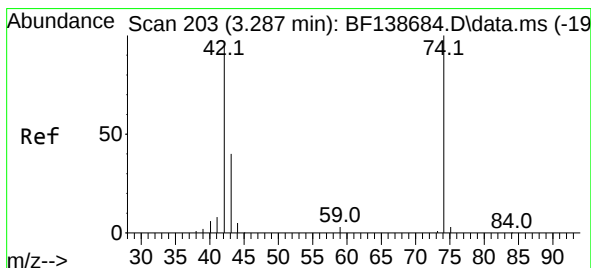
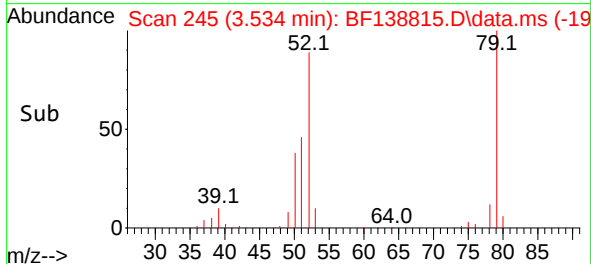
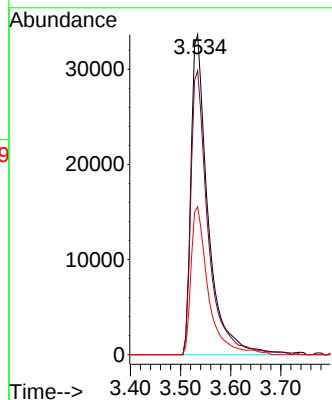
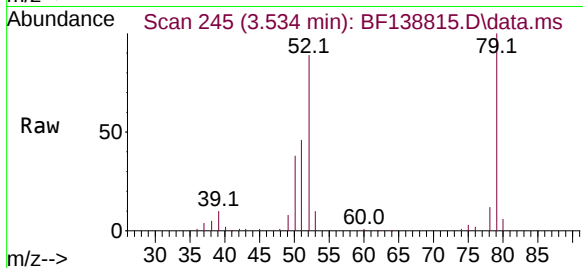




#3
Pyridine
Concen: 29.481 ng
RT: 3.534 min Scan# 245
Delta R.T. 0.200 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

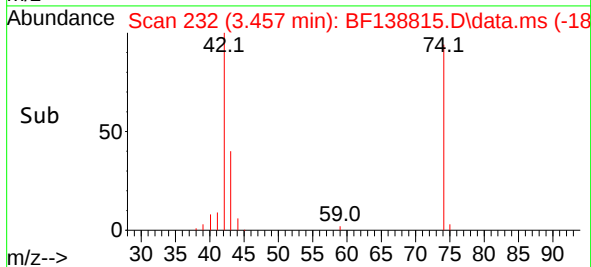
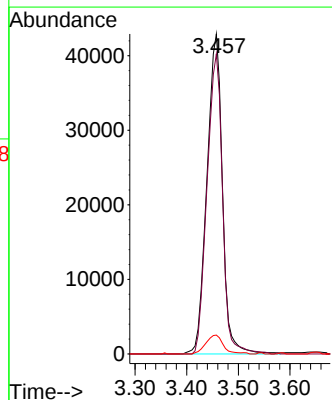
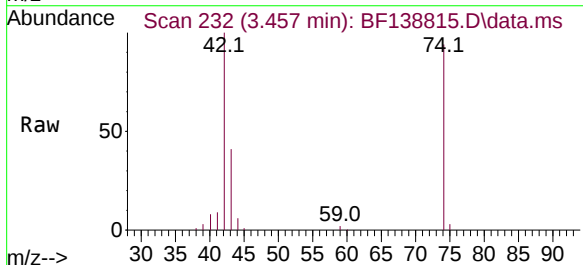
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion: 79 Resp: 79542
Ion Ratio Lower Upper
79 100
52 88.8 74.7 112.1
51 46.2 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 55.729 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.171 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 42 Resp: 89552
Ion Ratio Lower Upper
42 100
74 93.7 84.2 126.4
44 5.9 4.9 7.3

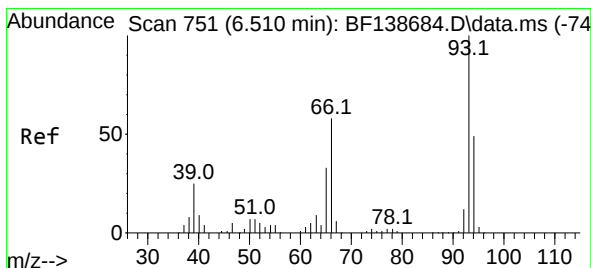
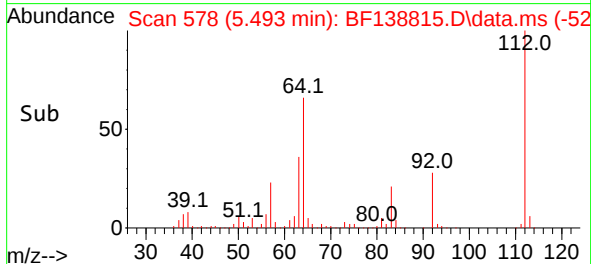
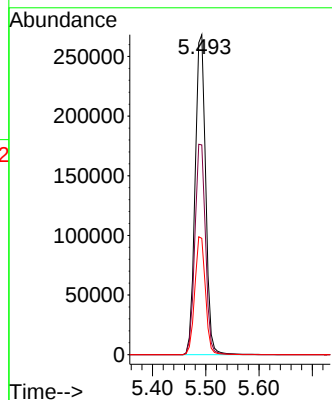
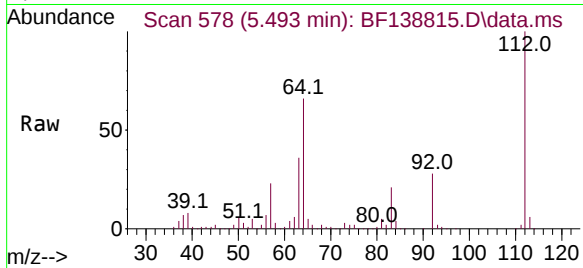




#5
2-Fluorophenol
Concen: 144.700 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

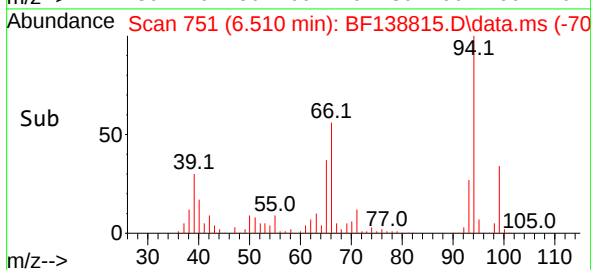
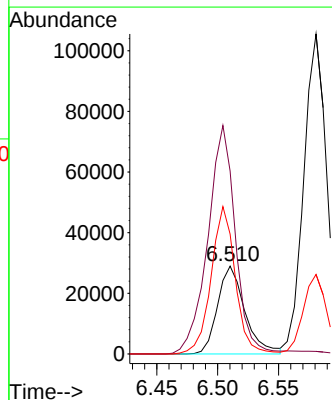
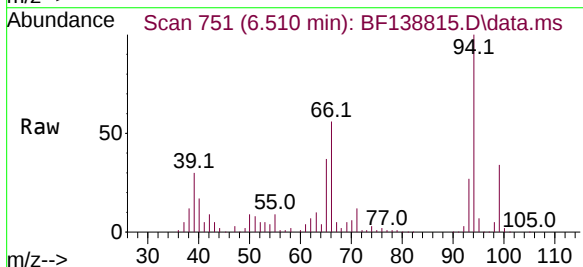
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:112 Resp: 368122
Ion Ratio Lower Upper
112 100
64 65.5 54.2 81.4
63 36.4 28.7 43.1



#6
Aniline
Concen: 14.859 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 93 Resp: 45263
Ion Ratio Lower Upper
93 100
66 208.4 46.9 70.3#
65 136.5 26.5 39.7#

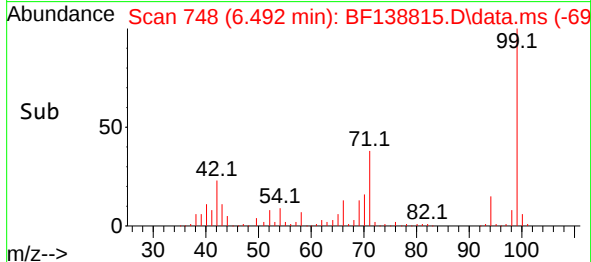
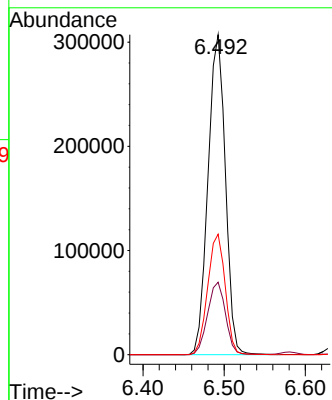
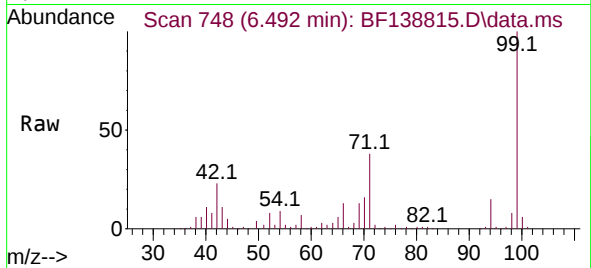




#7
Phenol-d6
Concen: 133.423 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

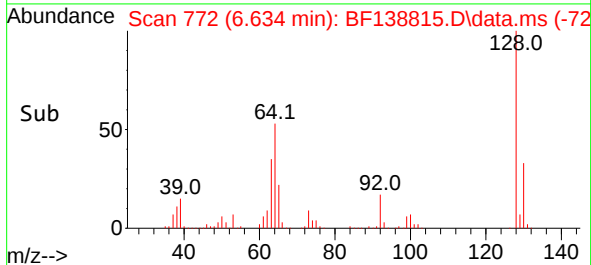
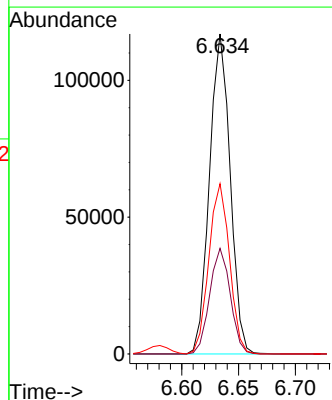
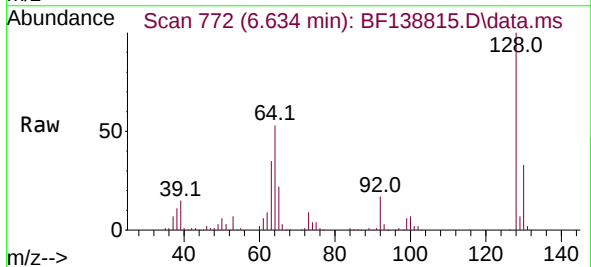
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion: 99 Resp: 455723
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 37.7 28.1 42.1



#8
2-Chlorophenol
Concen: 55.206 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 128 Resp: 147765
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 53.2 36.3 76.3



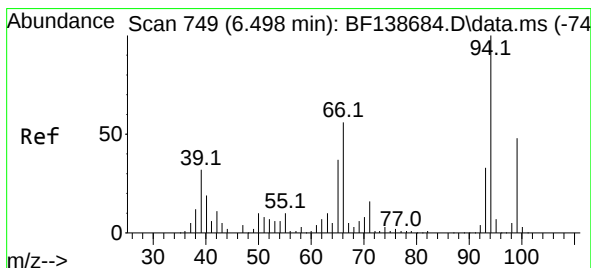
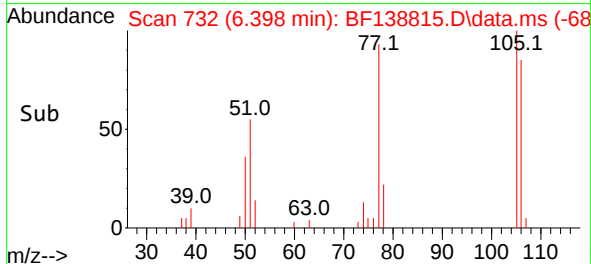
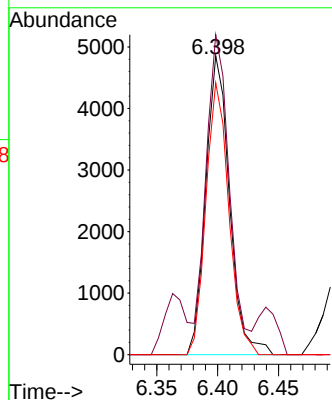
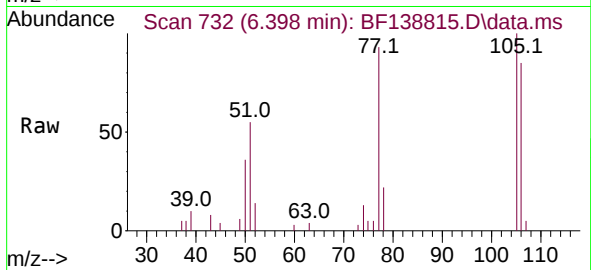


#9
Benzaldehyde
Concen: 3.218 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138815.D
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Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 6588

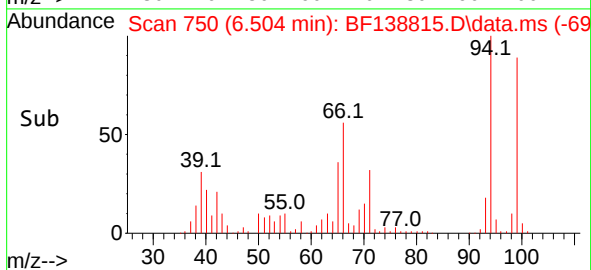
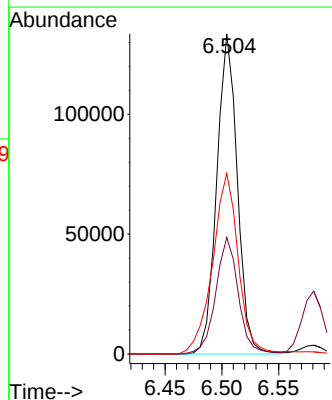
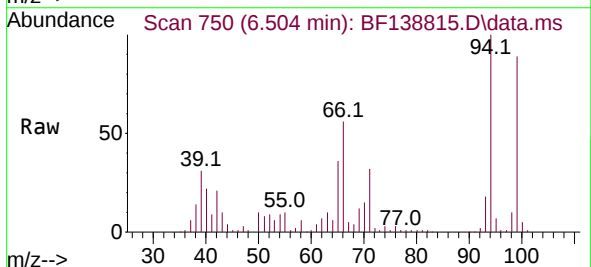
Ion	Ratio	Lower	Upper
77	100		
105	107.0	72.9	112.9
106	90.9	68.4	108.4



#10
Phenol
Concen: 46.783 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 94 Resp: 168242

Ion	Ratio	Lower	Upper
94	100		
65	36.4	16.9	56.9
66	56.4	36.5	76.5





#11

bis(2-Chloroethyl)ether

Concen: 49.720 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

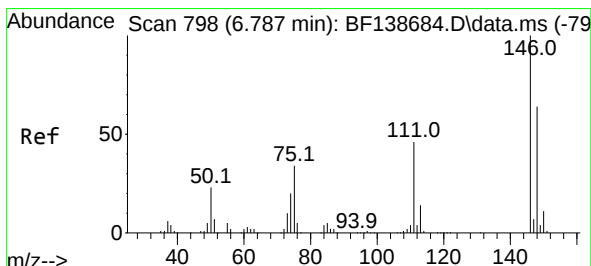
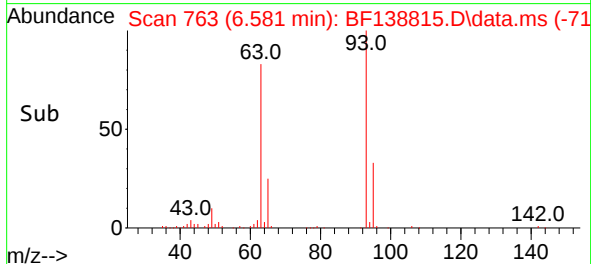
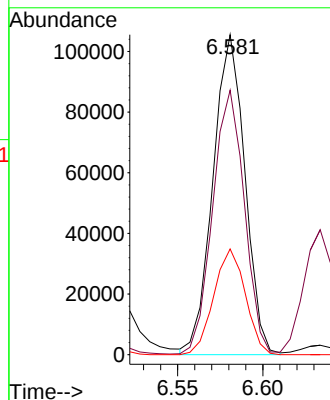
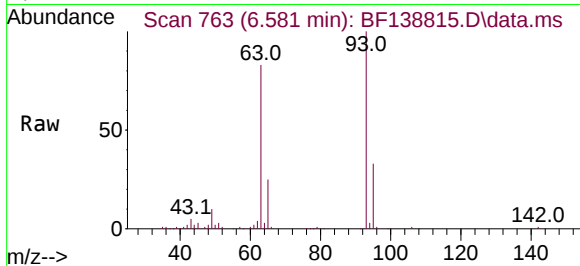
Tgt Ion: 93 Resp: 137597

Ion Ratio Lower Upper

93 100

63 82.6 65.3 105.3

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.587 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

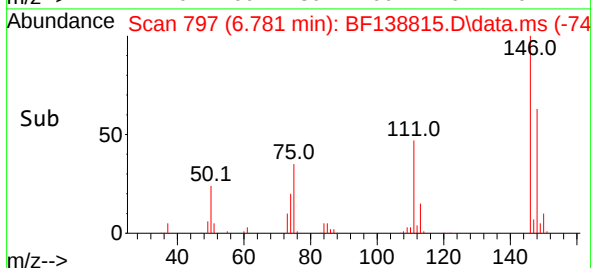
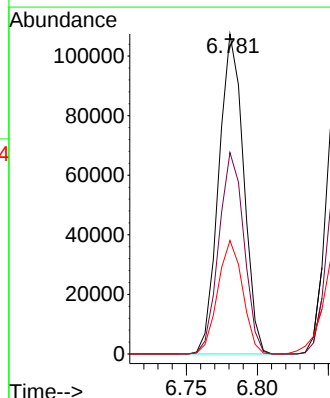
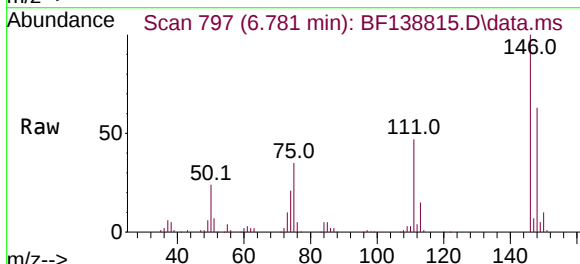
Tgt Ion:146 Resp: 130593

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

75 35.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.587 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

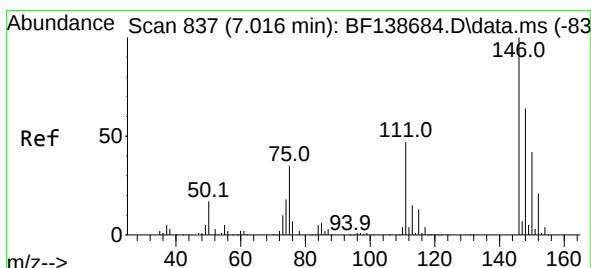
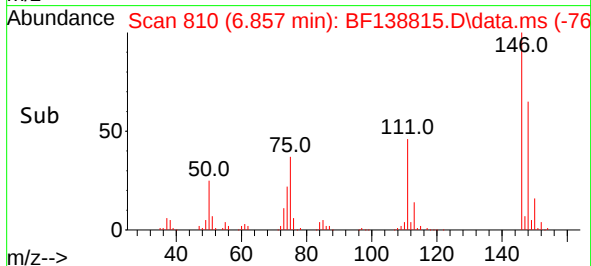
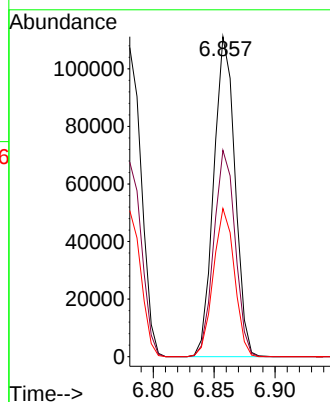
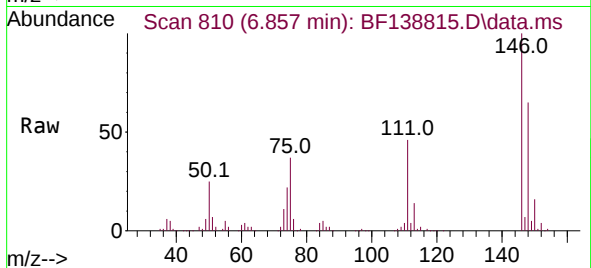
Tgt Ion:146 Resp: 134817

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.2

111 46.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.081 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

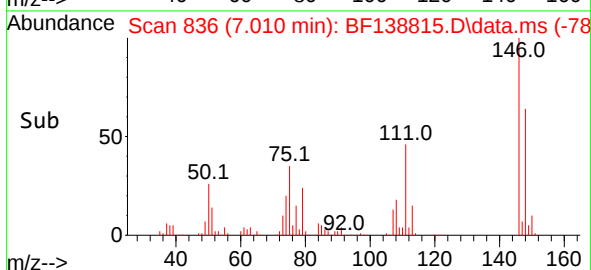
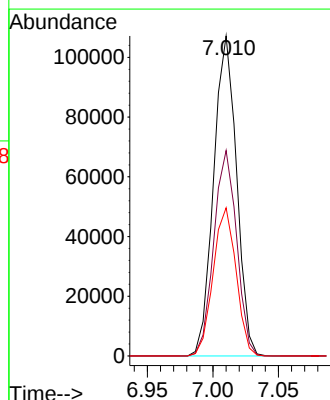
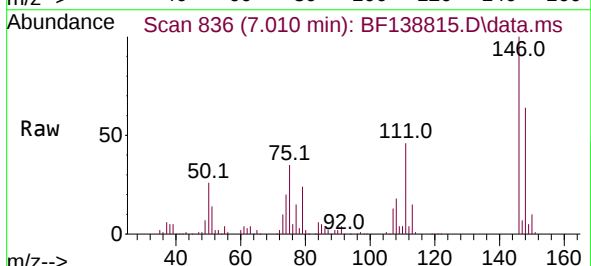
Tgt Ion:146 Resp: 130217

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

111 46.3 37.4 56.2

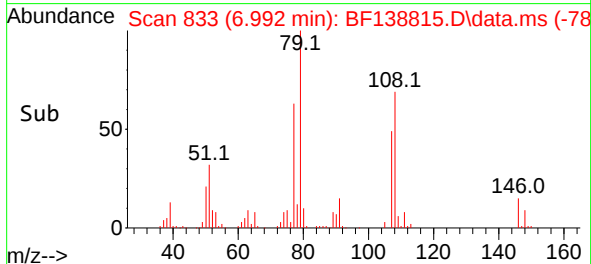
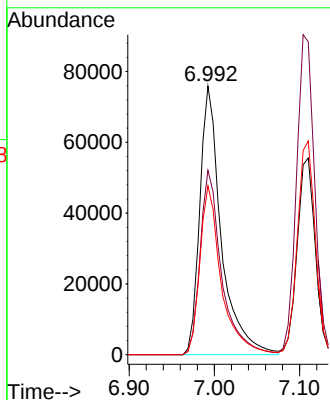
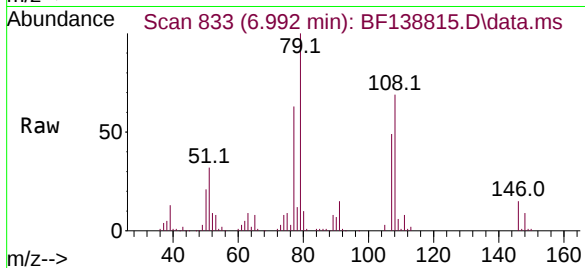




#15
Benzyl Alcohol
Concen: 54.047 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

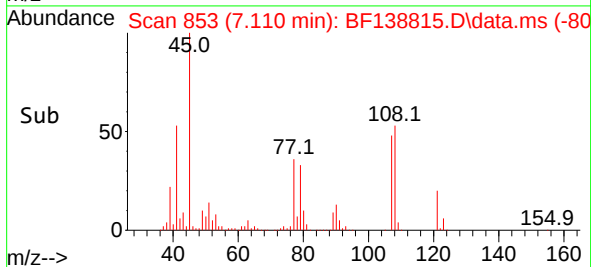
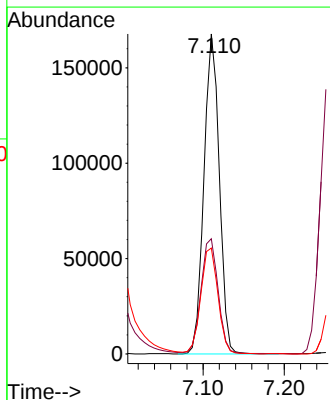
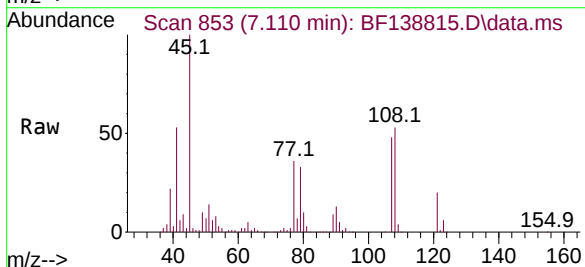
Instrument :
BNA_F
ClientSampleId :
TP1MSD

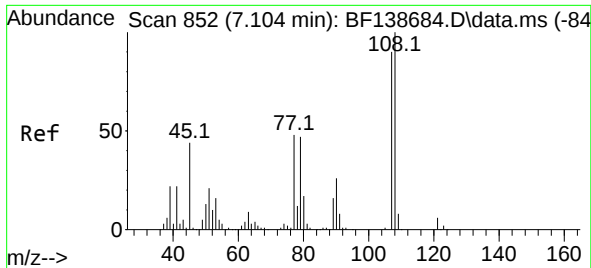
Tgt Ion: 79 Resp: 133052
Ion Ratio Lower Upper
79 100
108 68.7 56.6 85.0
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.277 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 45 Resp: 220403
Ion Ratio Lower Upper
45 100
77 36.0 0.0 34.9#
79 33.1 0.0 32.2#

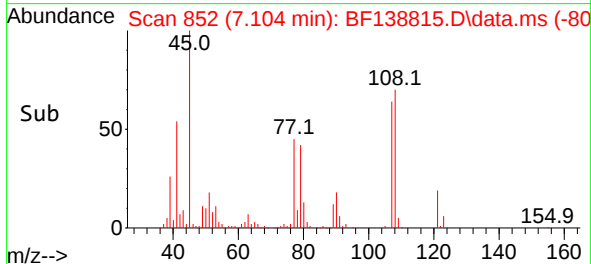
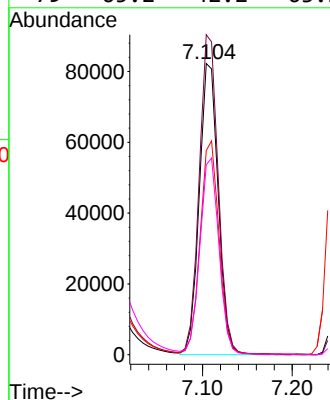
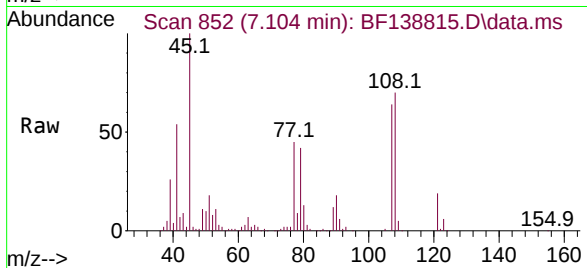




#17
2-Methylphenol
Concen: 54.650 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

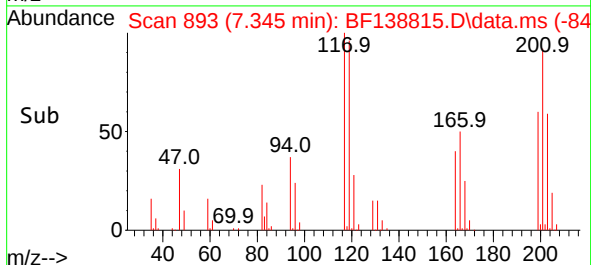
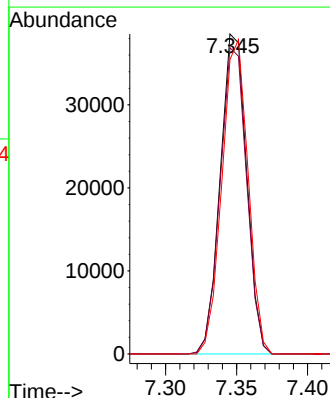
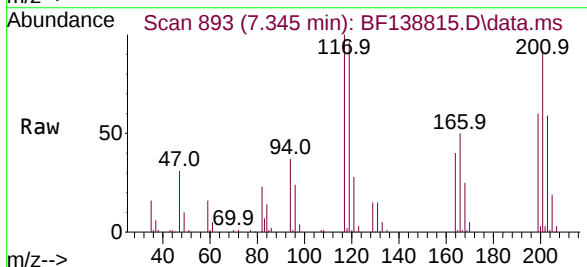
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:107 Resp: 120788
Ion Ratio Lower Upper
107 100
108 109.9 89.2 133.8
77 70.1 43.0 64.4#
79 65.2 42.2 63.2#



#18
Hexachloroethane
Concen: 43.707 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:117 Resp: 49746
Ion Ratio Lower Upper
117 100
119 95.7 74.6 111.8
201 91.9 77.2 115.8



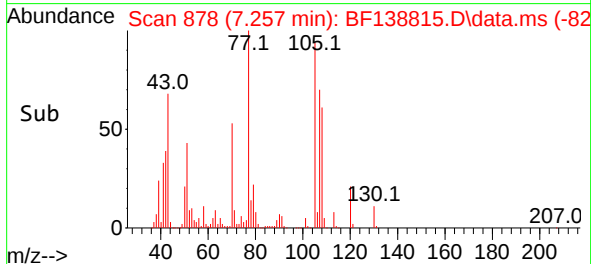
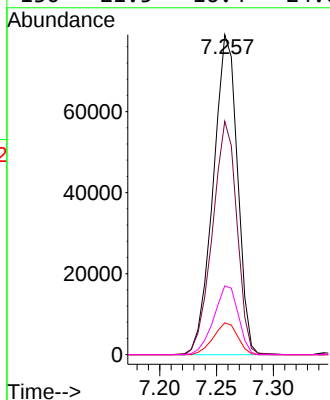
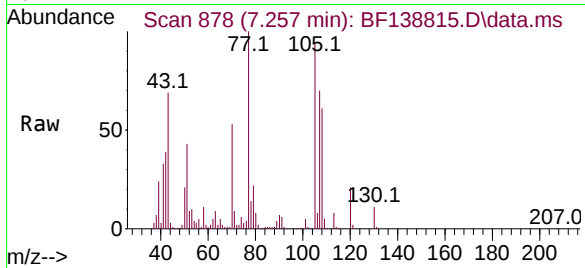


#19
n-Nitroso-di-n-propylamine
Concen: 56.945 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion: 70 Resp: 117477

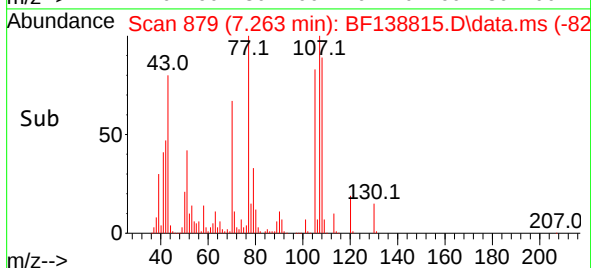
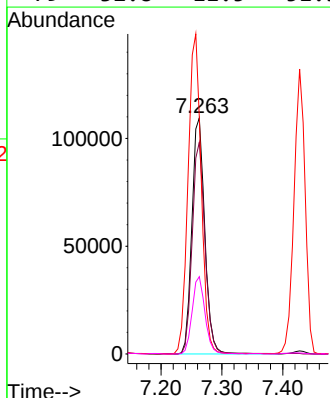
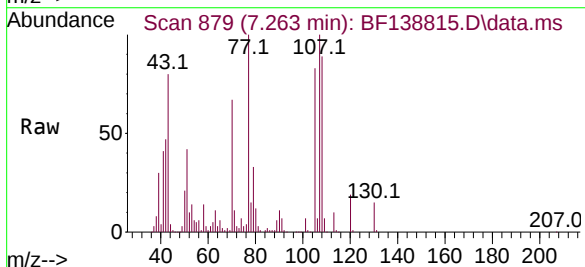
Ion	Ratio	Lower	Upper
70	100		
42	72.9	57.4	86.0
101	10.0	7.5	11.3
130	21.5	16.4	24.6



#20
3+4-Methylphenols
Concen: 56.827 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 107 Resp: 161150

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	100.2	132.1	172.1#
79	32.8	11.5	51.5

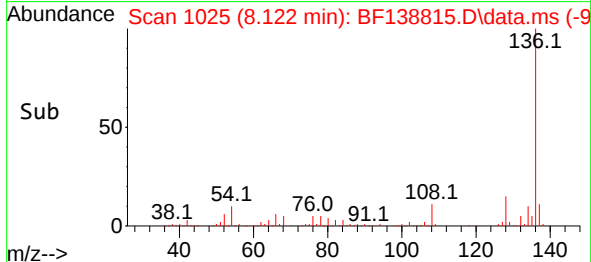
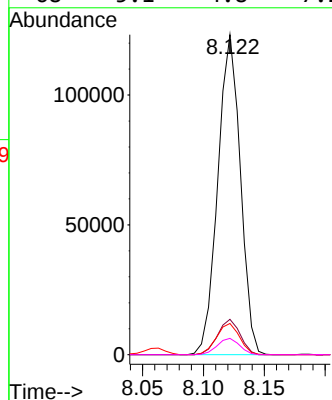
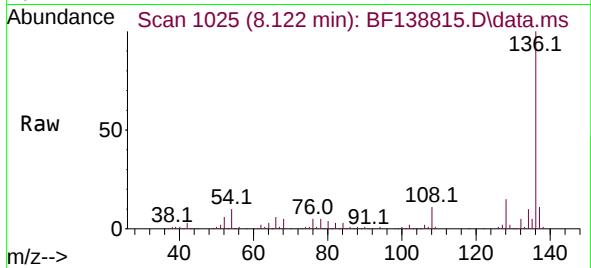




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

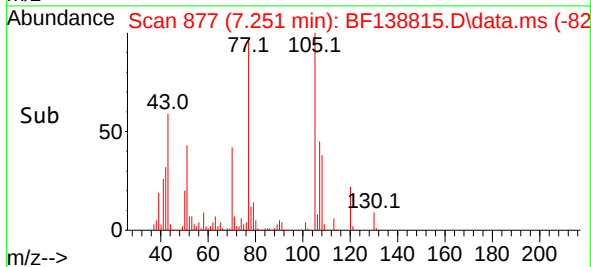
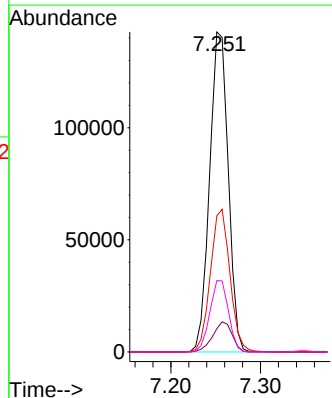
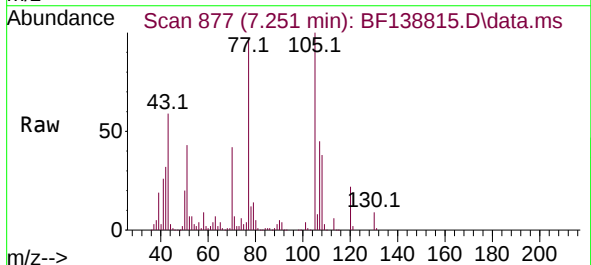
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:	136	Resp:	158963
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	8.6	12.8
68	5.1	4.8	7.2



#22
Acetophenone
Concen: 52.898 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:	105	Resp:	205891
Ion	Ratio	Lower	Upper
105	100		
71	7.2	7.2	10.8
51	42.6	35.9	53.9
120	22.3	17.6	26.4





#23

Nitrobenzene-d5

Concen: 105.521 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

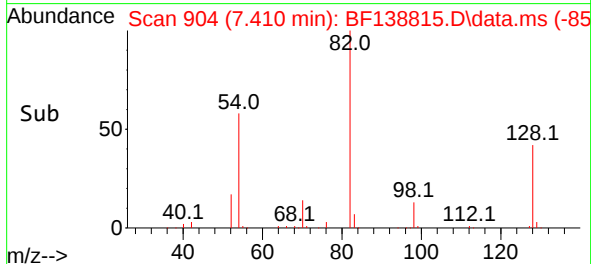
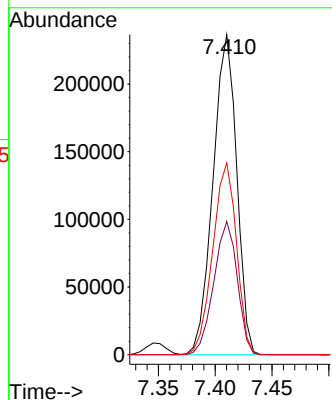
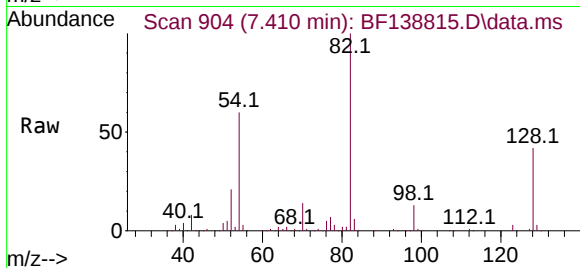
Tgt Ion: 82 Resp: 343086

Ion Ratio Lower Upper

82 100

128 41.6 32.8 49.2

54 60.0 48.3 72.5



#24

Nitrobenzene

Concen: 50.797 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

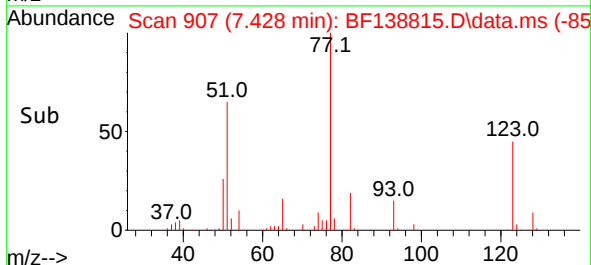
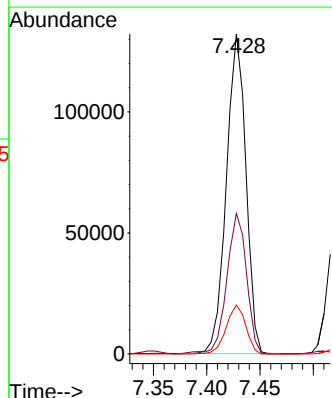
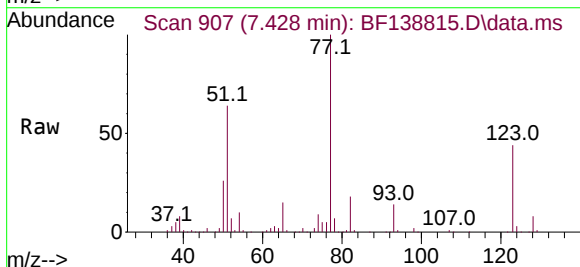
Tgt Ion: 77 Resp: 168061

Ion Ratio Lower Upper

77 100

123 44.0 33.3 49.9

65 15.3 11.9 17.9

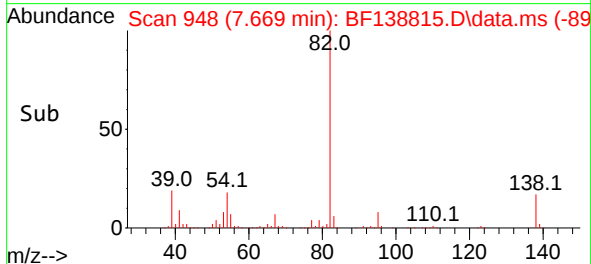
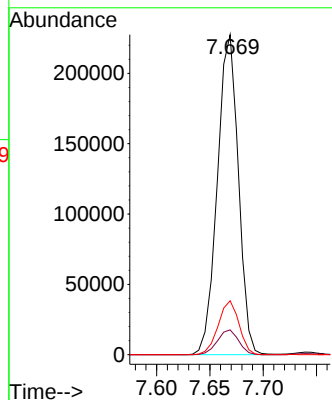
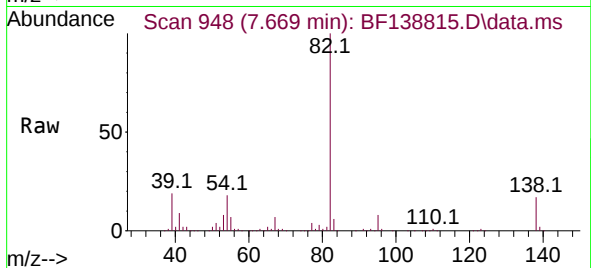




#25
Isophorone
Concen: 56.192 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

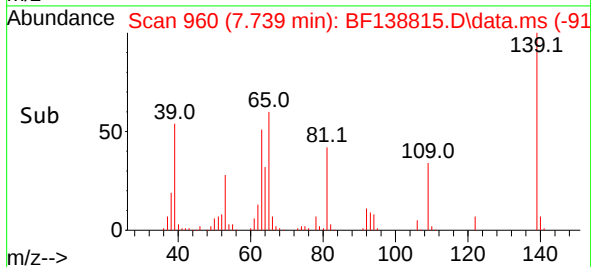
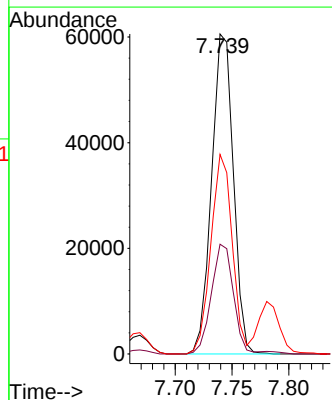
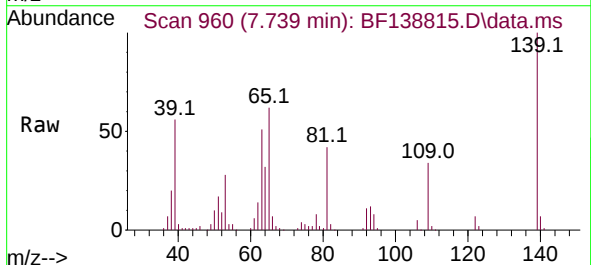
Instrument :
BNA_F
ClientSampleId :
TP1MSD

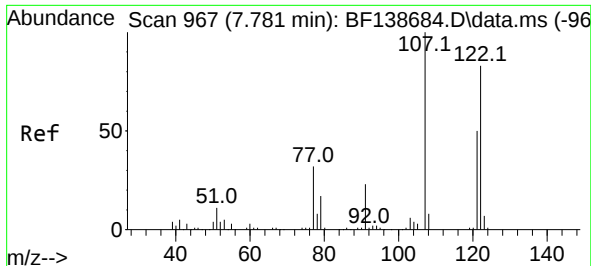
Tgt Ion: 82 Resp: 311966
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.8 13.7 20.5



#26
2-Nitrophenol
Concen: 56.714 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:139 Resp: 80728
Ion Ratio Lower Upper
139 100
109 34.3 25.9 38.9
65 62.4 47.0 70.6

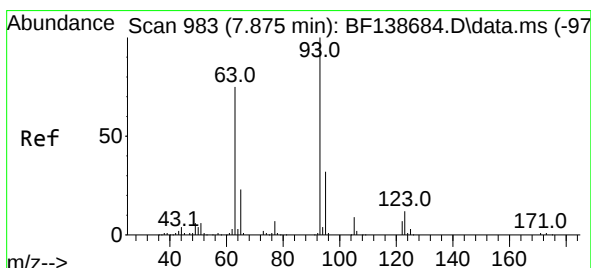
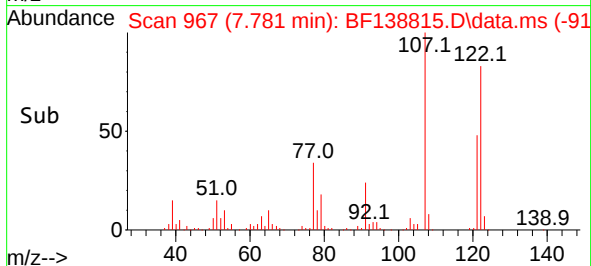
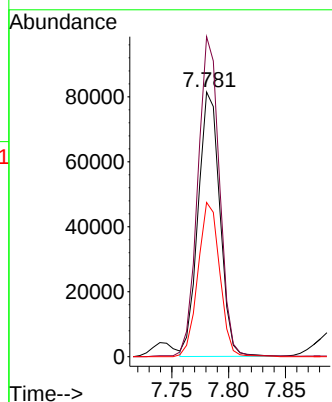
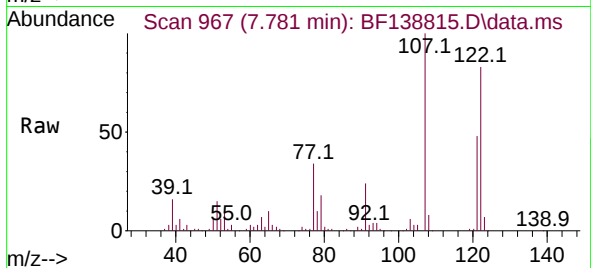




#27
2,4-Dimethylphenol
Concen: 63.392 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

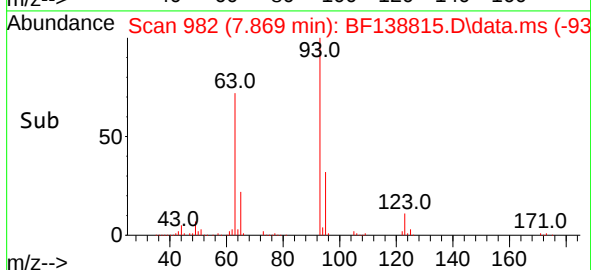
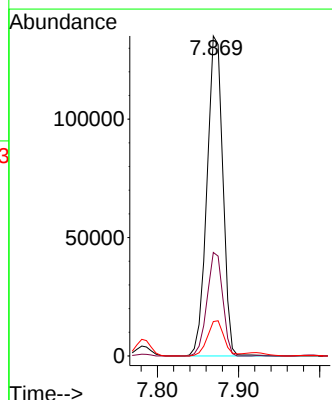
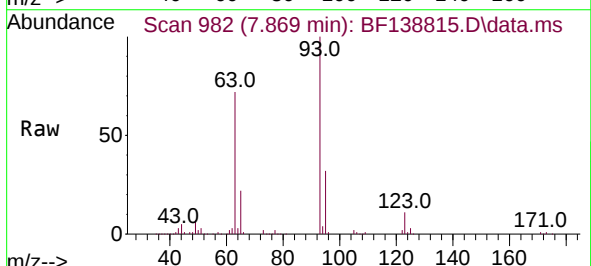
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:122 Resp: 107961
Ion Ratio Lower Upper
122 100
107 120.9 95.0 142.6
121 58.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 54.104 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 93 Resp: 182920
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 59.248 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

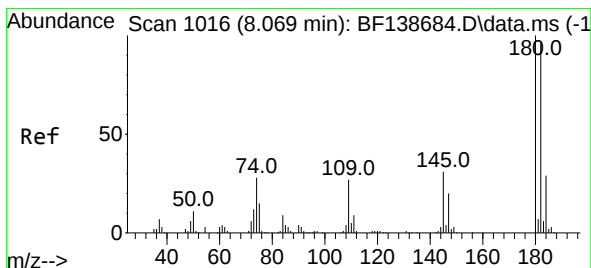
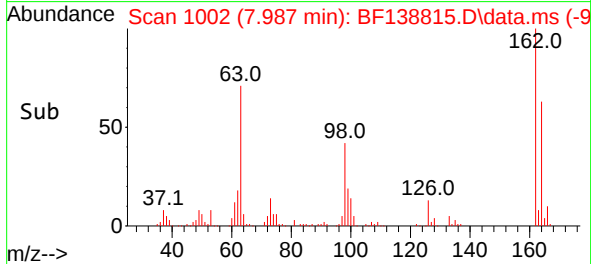
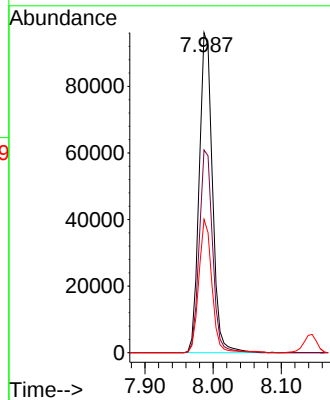
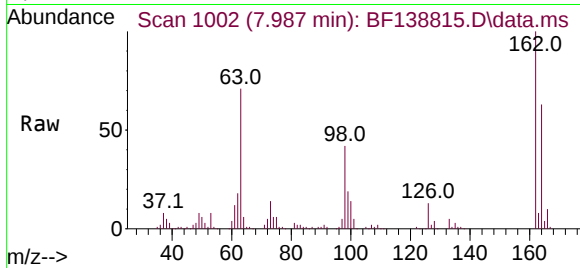
Tgt Ion:162 Resp: 129660

Ion Ratio Lower Upper

162 100

164 63.3 44.7 84.7

98 41.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 51.656 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

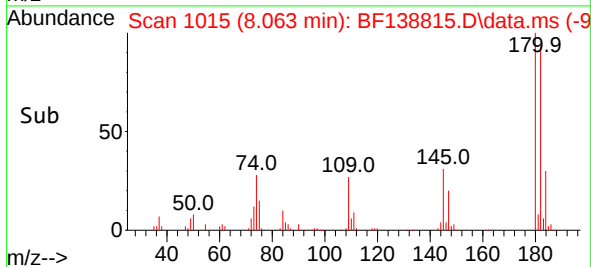
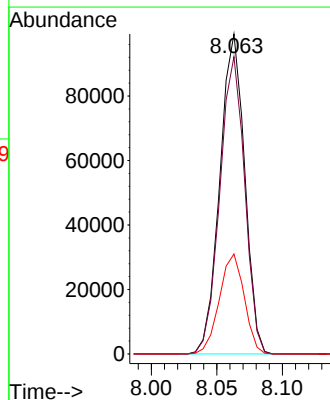
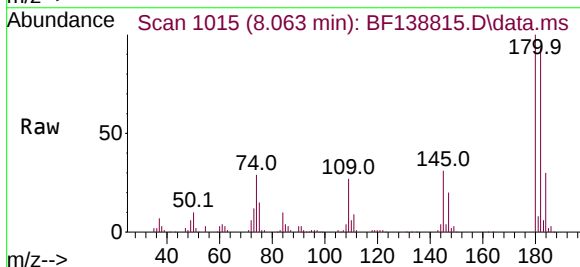
Tgt Ion:180 Resp: 130457

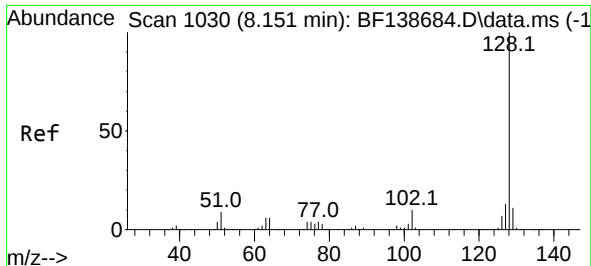
Ion Ratio Lower Upper

180 100

182 92.9 76.9 115.3

145 31.3 25.0 37.4

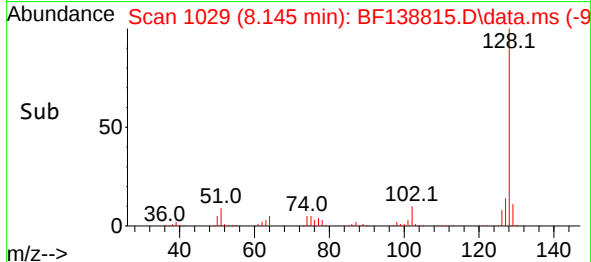
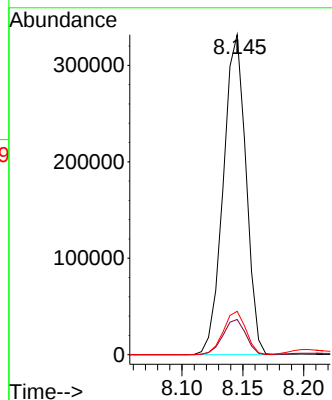
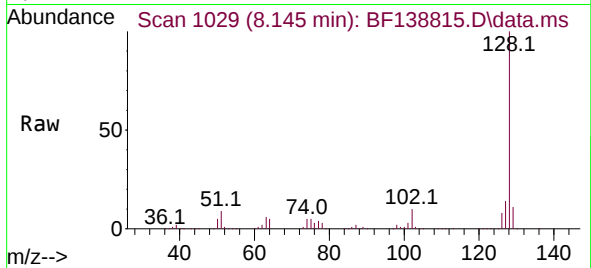




#31
Naphthalene
Concen: 51.442 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

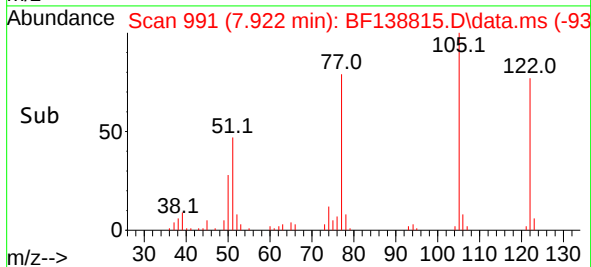
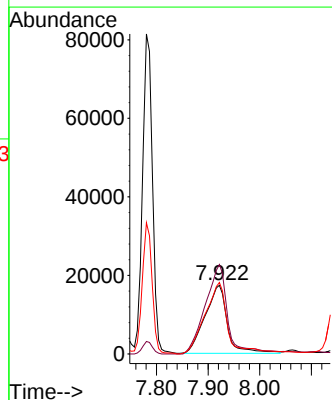
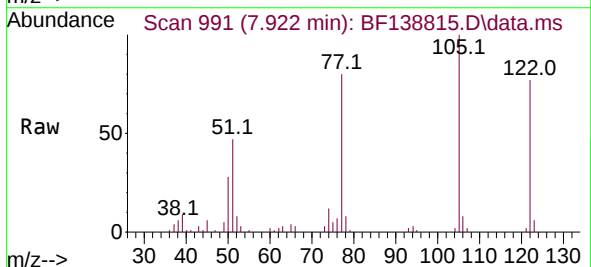
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:128 Resp: 430432
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 38.769 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:122 Resp: 51902
Ion Ratio Lower Upper
122 100
105 130.1 106.7 146.7
77 104.2 81.1 121.1





#33

4-Chloroaniline

Concen: 5.867 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

Tgt Ion:127 Resp: 16479

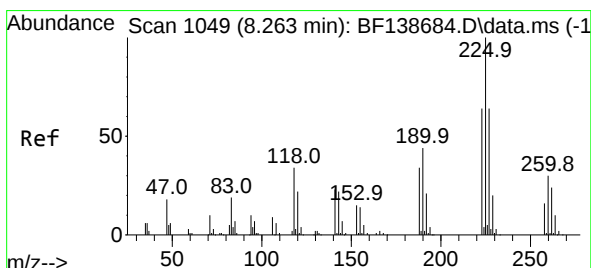
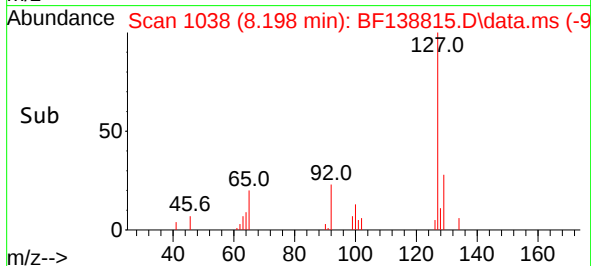
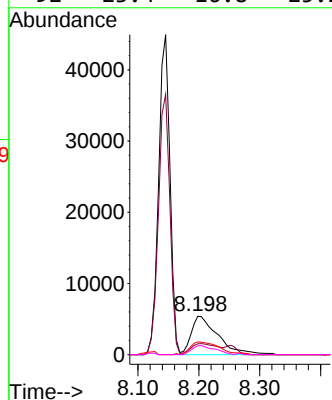
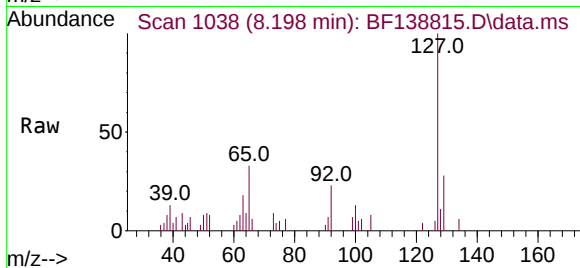
Ion Ratio Lower Upper

127 100

129 28.3 25.9 38.9

65 33.4 27.6 41.4

92 23.4 16.8 25.2



#34

Hexachlorobutadiene

Concen: 49.146 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

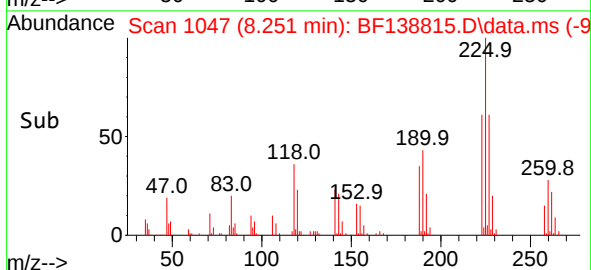
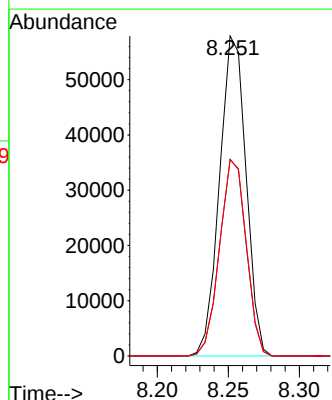
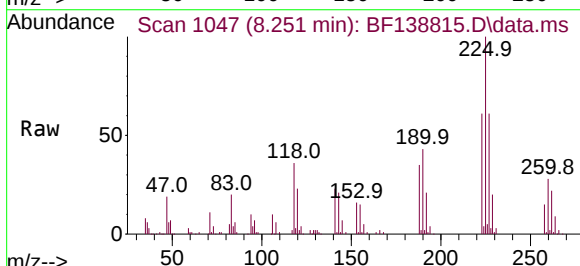
Tgt Ion:225 Resp: 75178

Ion Ratio Lower Upper

225 100

223 61.5 51.2 76.8

227 61.3 51.1 76.7

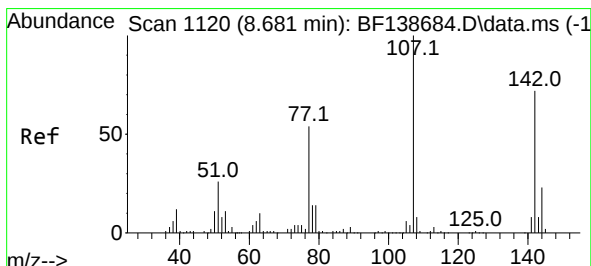
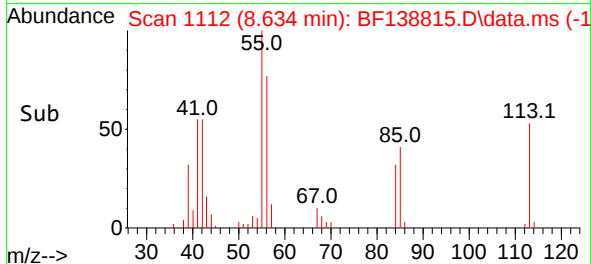
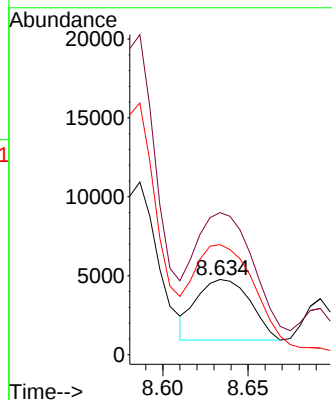
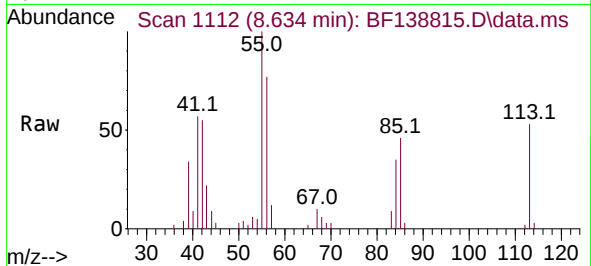




#35
Caprolactam
Concen: 12.913 ng
RT: 8.634 min Scan# 1112
Delta R.T. 0.065 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

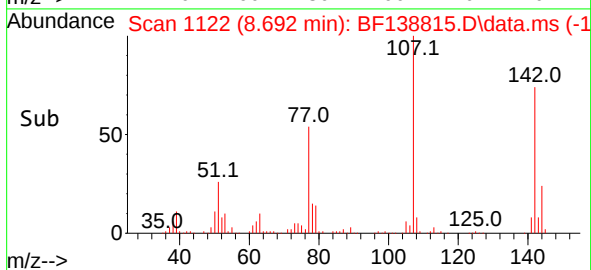
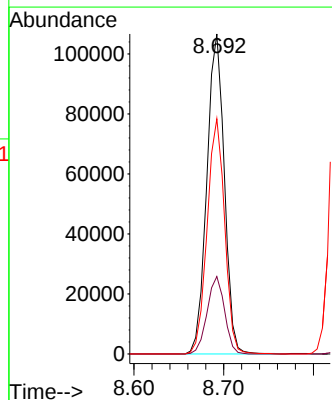
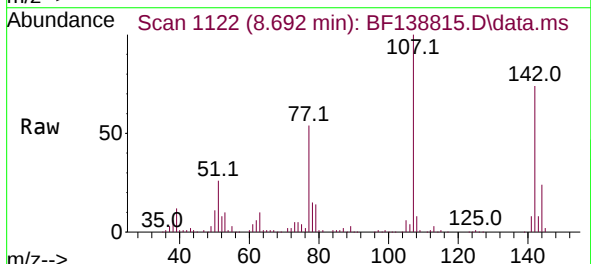
Instrument :
BNA_F
ClientSampleId :
TP1MSD

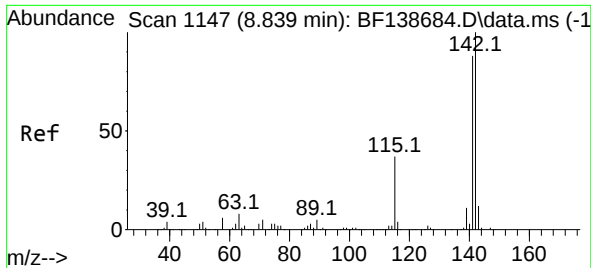
Tgt Ion:113 Resp: 8432
Ion Ratio Lower Upper
113 100
55 189.0 186.7 226.7
56 146.3 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 57.739 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:107 Resp: 144409
Ion Ratio Lower Upper
107 100
144 24.2 18.2 27.2
142 73.5 57.4 86.2





#37

2-Methylnaphthalene

Concen: 56.263 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

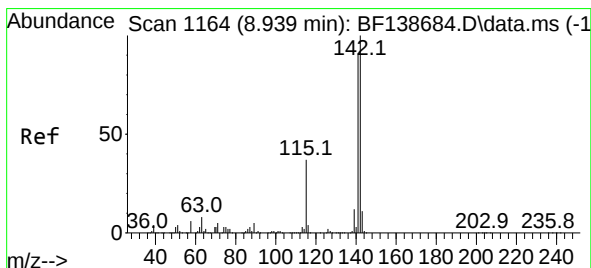
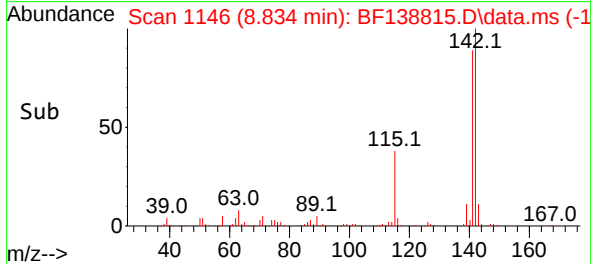
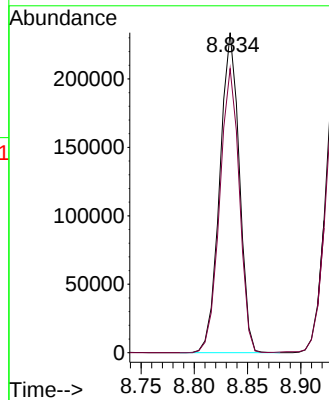
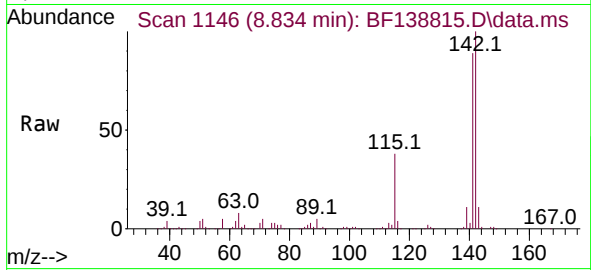
TP1MSD

Tgt Ion:142 Resp: 297315

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 53.204 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138815.D

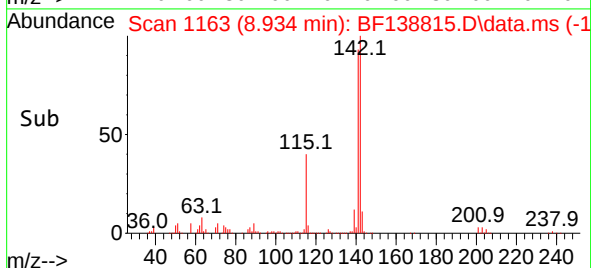
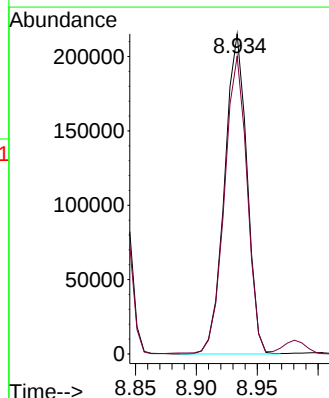
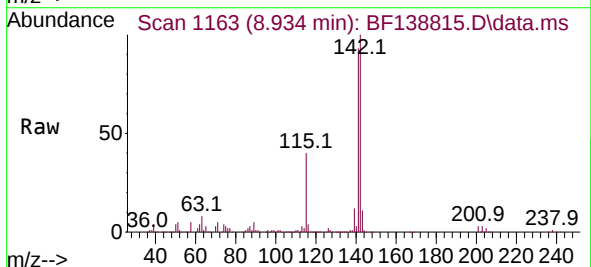
Acq: 06 Aug 2024 19:39

Tgt Ion:142 Resp: 275504

Ion Ratio Lower Upper

142 100

141 93.0 73.1 109.7

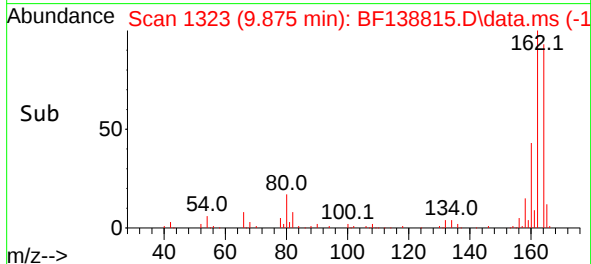
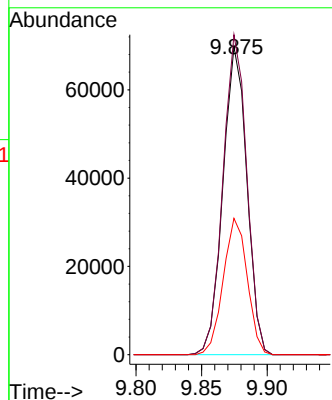
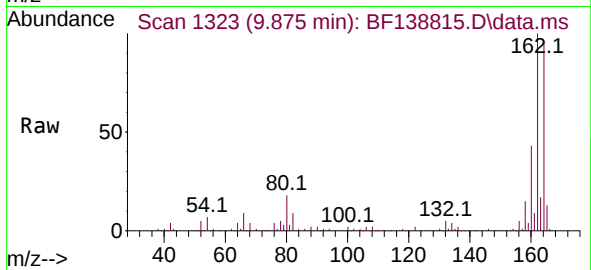




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

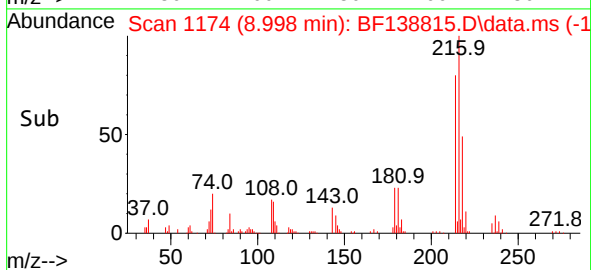
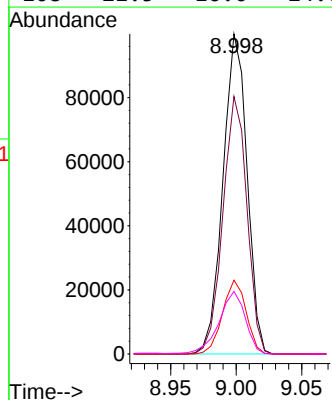
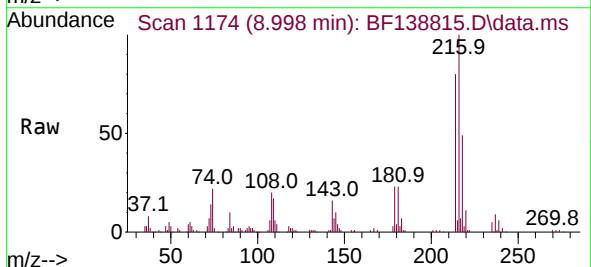
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:164 Resp: 88504
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 44.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.863 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

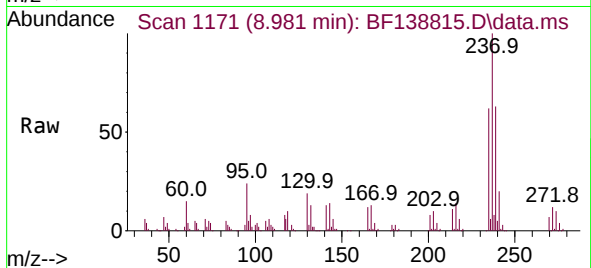
Tgt Ion:216 Resp: 127507
Ion Ratio Lower Upper
216 100
214 80.1 63.9 95.9
179 22.6 17.8 26.6
108 21.5 16.0 24.0



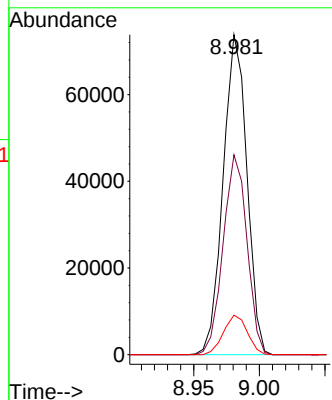
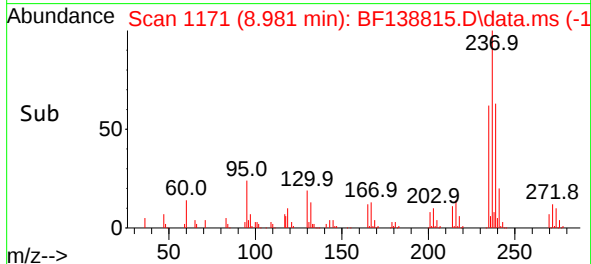


#41
Hexachlorocyclopentadiene
Concen: 137.532 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

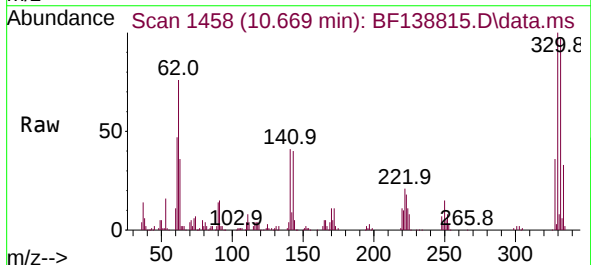
Instrument :
BNA_F
ClientSampleId :
TP1MSD



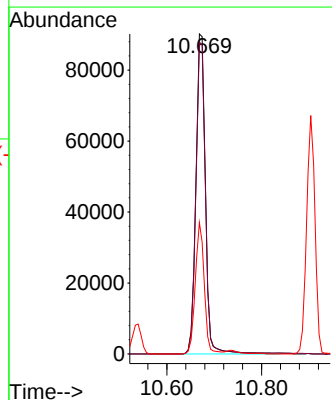
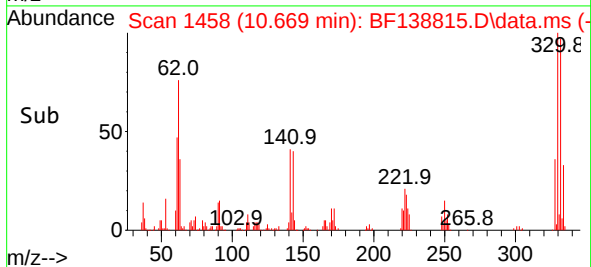
Tgt Ion:237 Resp: 93068
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 174.321 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39



Tgt Ion:330 Resp: 126377
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 38.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 59.107 ng

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

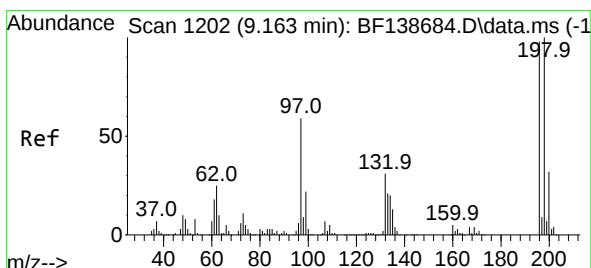
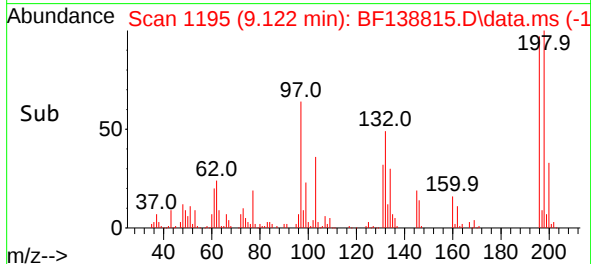
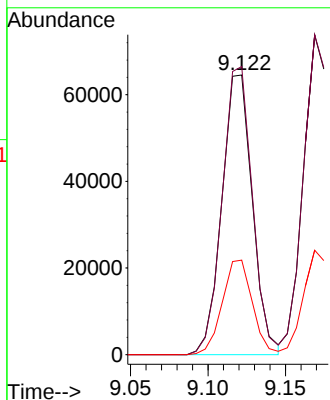
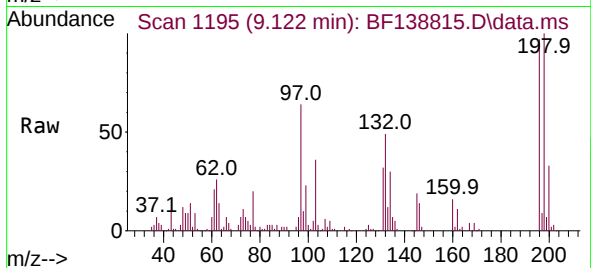
Tgt Ion:196 Resp: 88601

Ion Ratio Lower Upper

196 100

198 103.0 80.5 120.7

200 33.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 57.747 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Tgt Ion:196 Resp: 94631

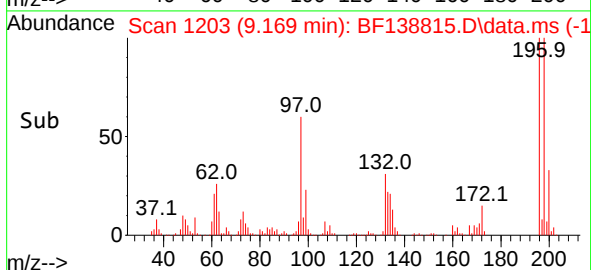
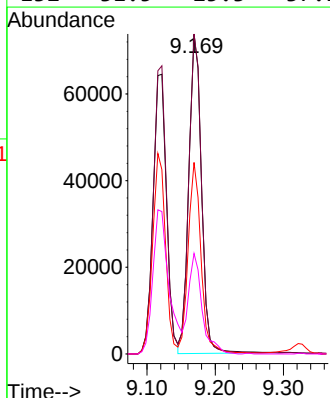
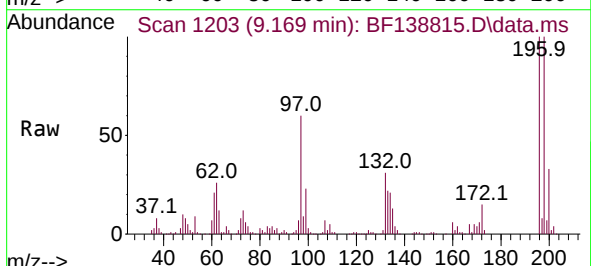
Ion Ratio Lower Upper

196 100

198 100.1 81.2 121.8

97 59.9 47.8 71.6

132 31.5 25.3 37.9

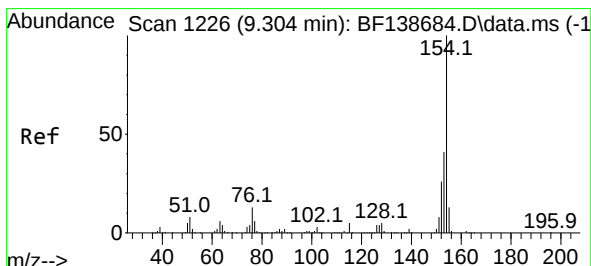
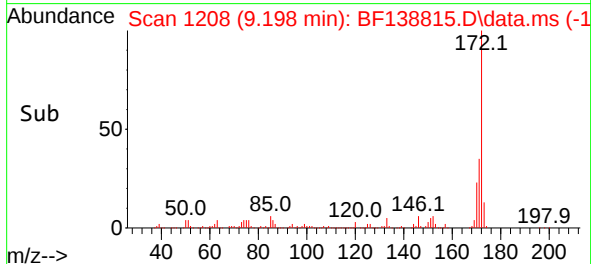
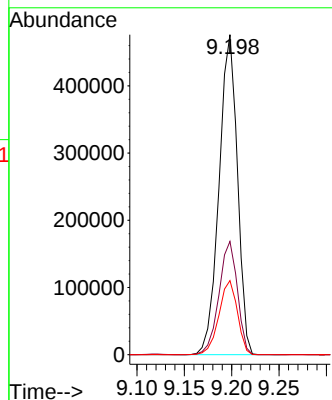
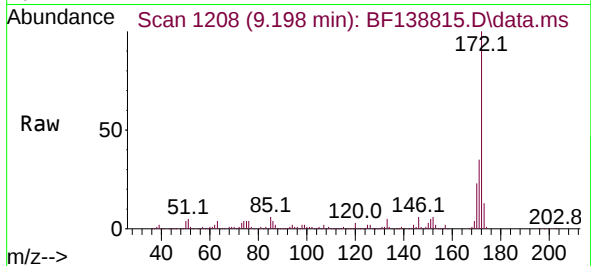




#45
2-Fluorobiphenyl
Concen: 109.056 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

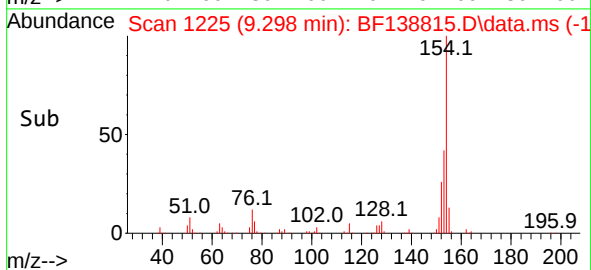
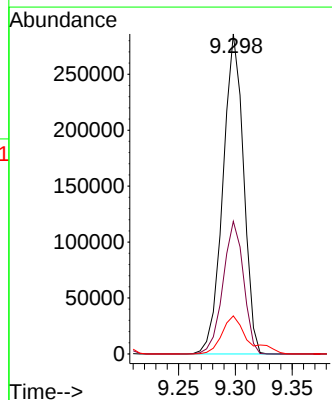
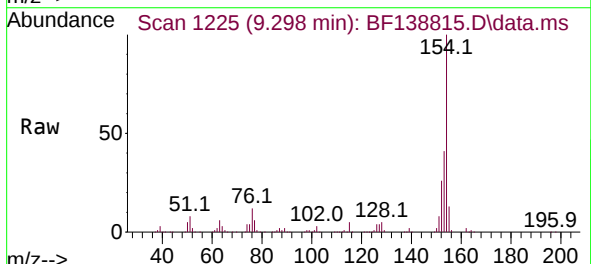
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:172 Resp: 642390
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 52.138 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:154 Resp: 361392
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 11.9 0.0 32.8

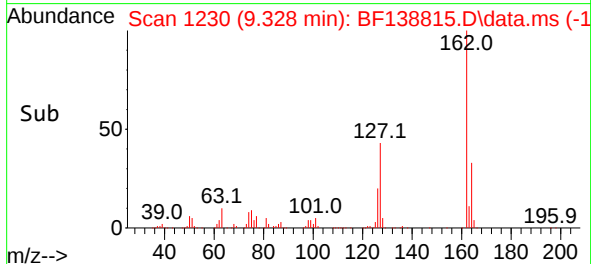
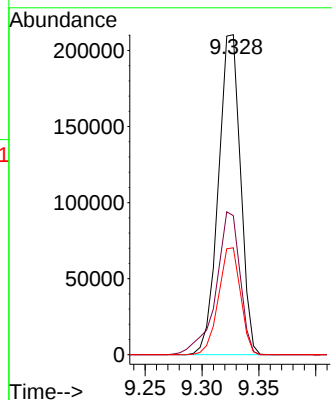
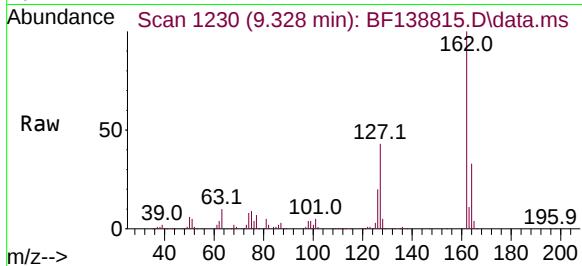




#47
2-Chloronaphthalene
Concen: 55.326 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

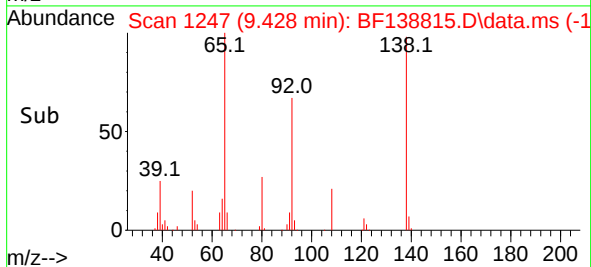
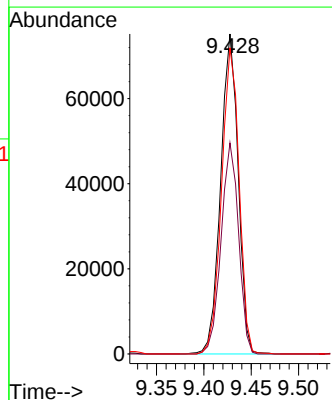
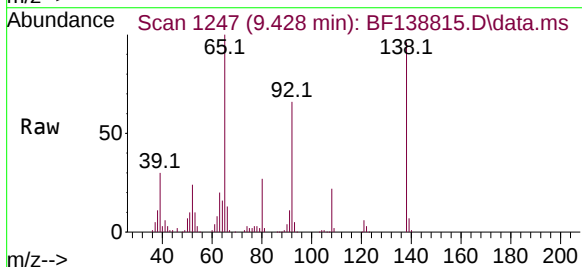
Instrument :
BNA_F
ClientSampleId :
TP1MSD

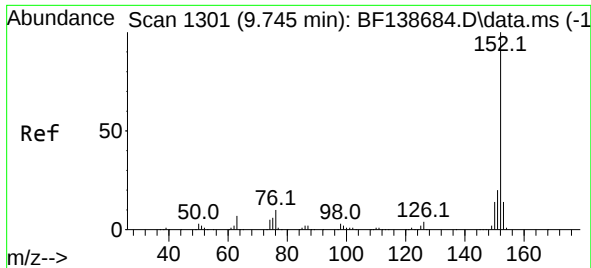
Tgt Ion:162 Resp: 285216
Ion Ratio Lower Upper
162 100
127 43.5 35.4 53.2
164 33.4 25.6 38.4



#48
2-Nitroaniline
Concen: 55.380 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion: 65 Resp: 96786
Ion Ratio Lower Upper
65 100
92 65.9 52.0 78.0
138 95.7 76.2 114.4





#49

Acenaphthylene

Concen: 61.325 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

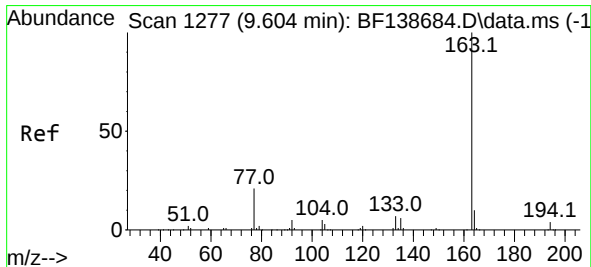
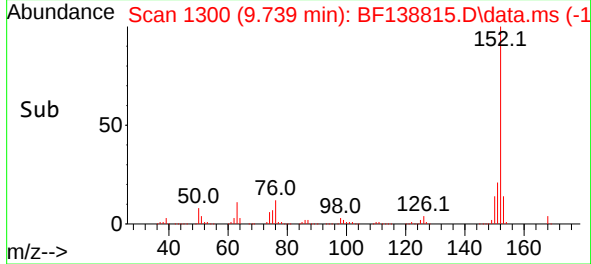
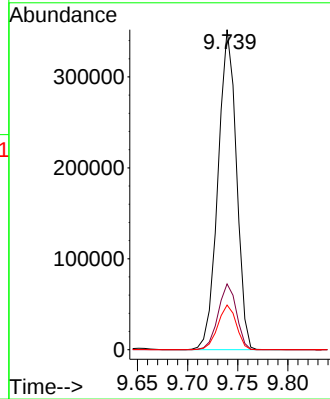
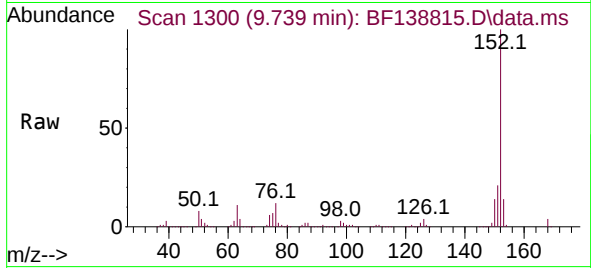
Tgt Ion:152 Resp: 448384

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 63.369 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

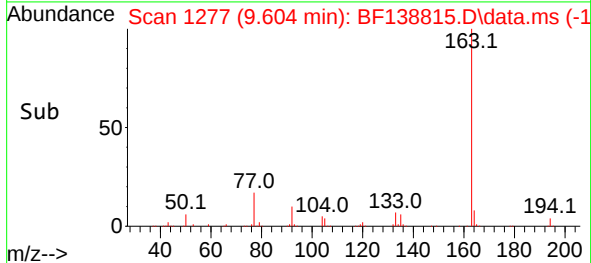
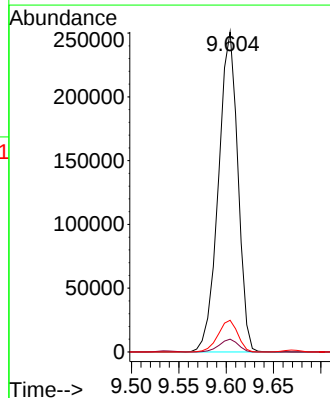
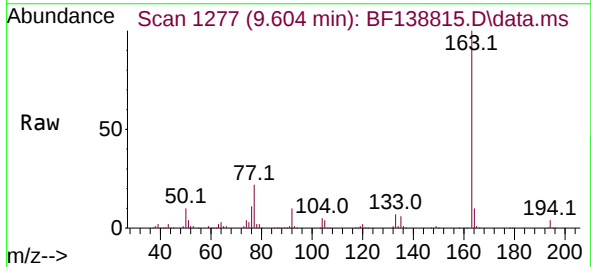
Tgt Ion:163 Resp: 358609

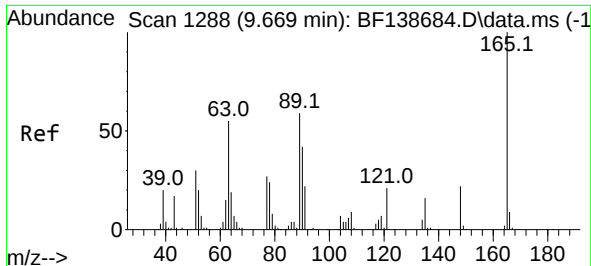
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 7.8 11.8

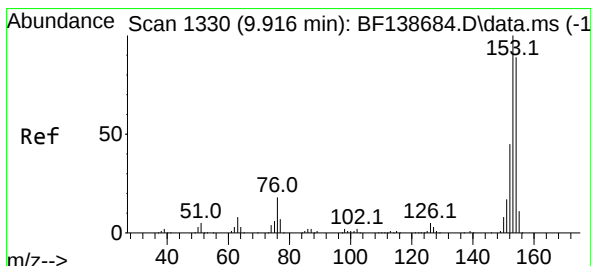
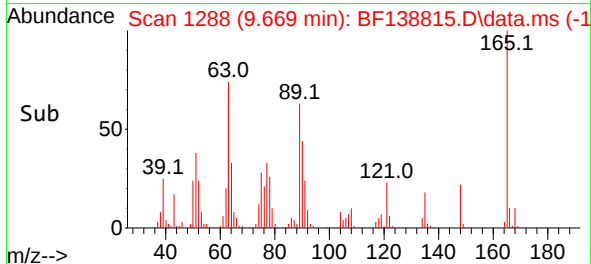
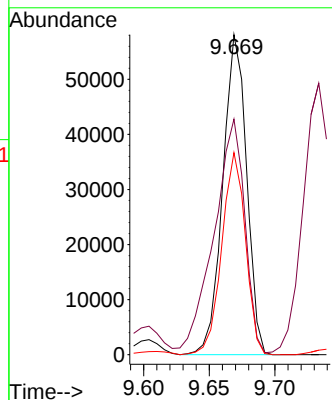
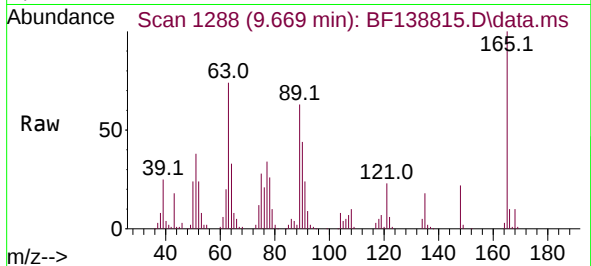




#51
2,6-Dinitrotoluene
Concen: 57.397 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

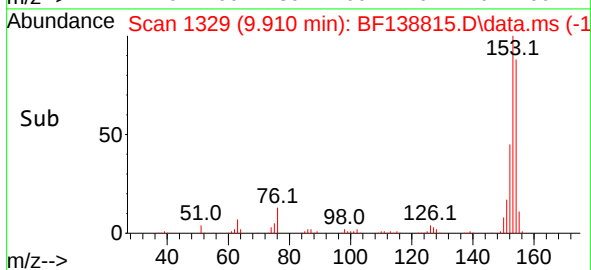
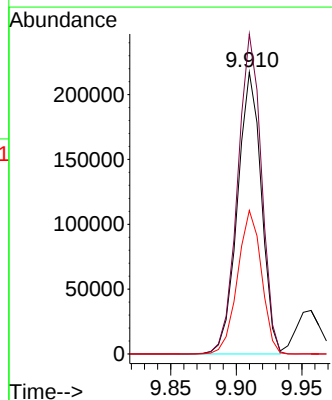
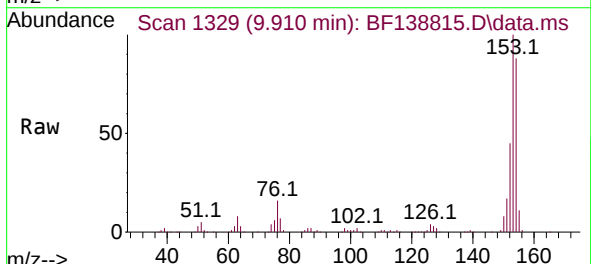
Instrument :
BNA_F
ClientSampleId :
TP1MSD

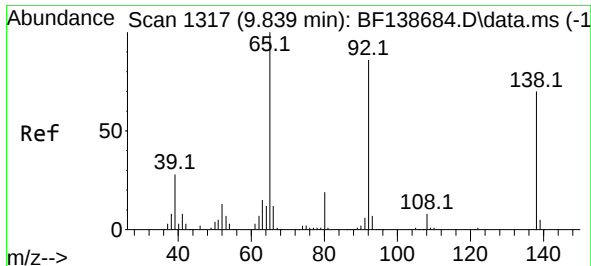
Tgt Ion:165 Resp: 73304
Ion Ratio Lower Upper
165 100
63 73.6 52.0 78.0
89 63.1 47.0 70.6



#52
Acenaphthene
Concen: 56.155 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:154 Resp: 276000
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 50.9 40.6 60.8

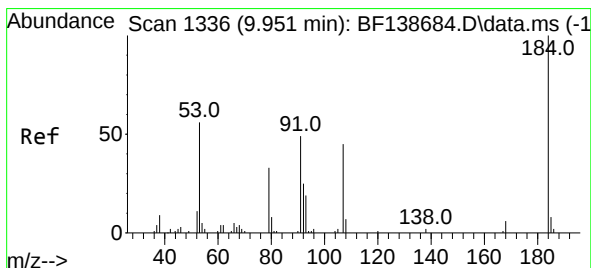
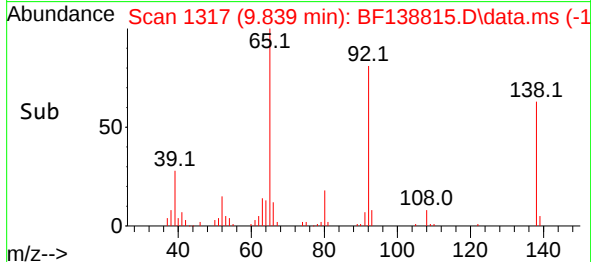
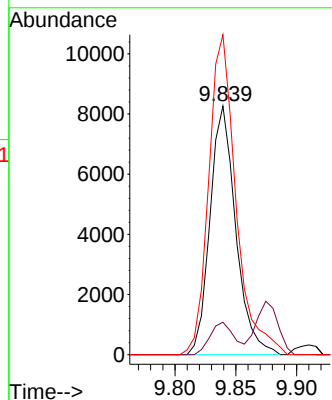
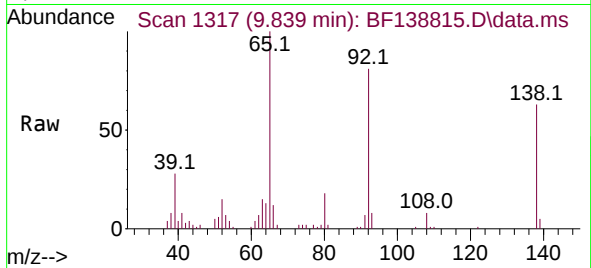




#53
3-Nitroaniline
Concen: 9.228 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

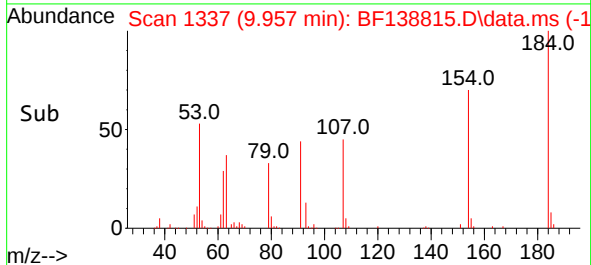
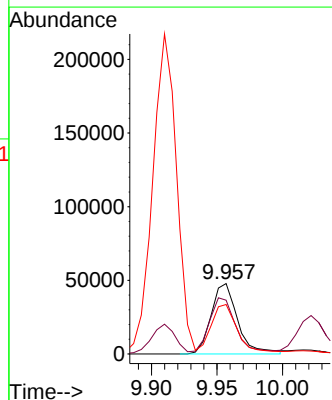
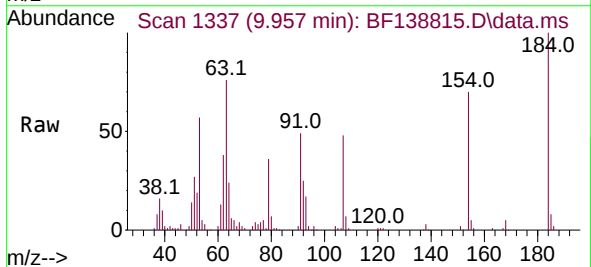
Instrument :
BNA_F
ClientSampleId :
TP1MSD

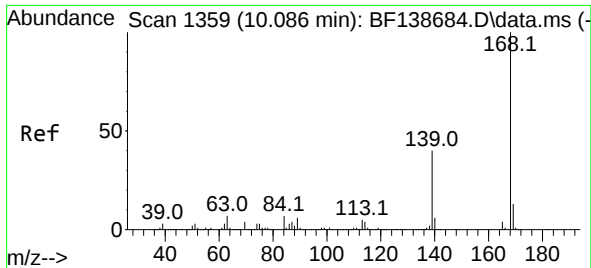
Tgt Ion:138 Resp: 12183
Ion Ratio Lower Upper
138 100
108 13.0 9.1 13.7
92 128.7 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 114.396 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:184 Resp: 67255
Ion Ratio Lower Upper
184 100
63 76.5 57.5 86.3
154 70.1 51.7 77.5

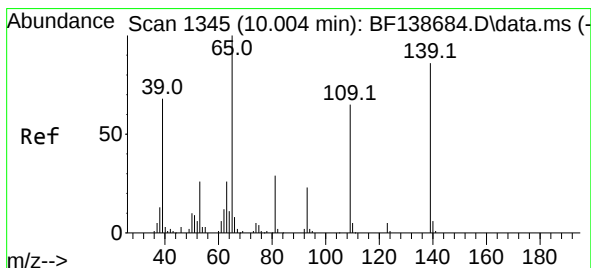
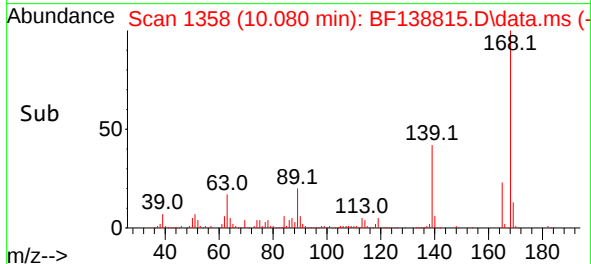
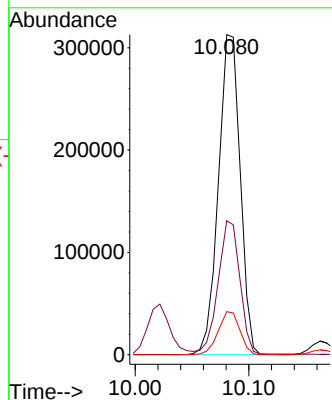
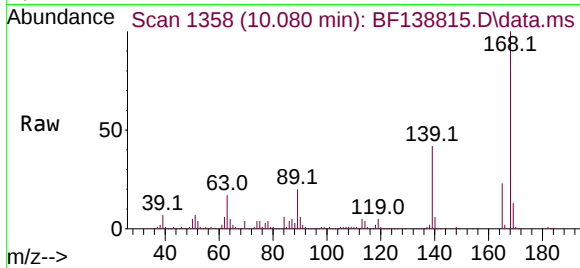




#55
Dibenzenofuran
Concen: 60.101 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

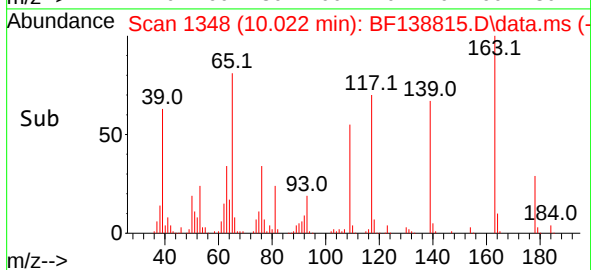
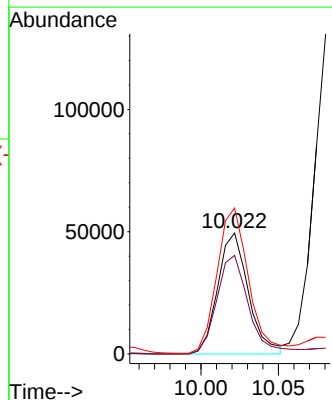
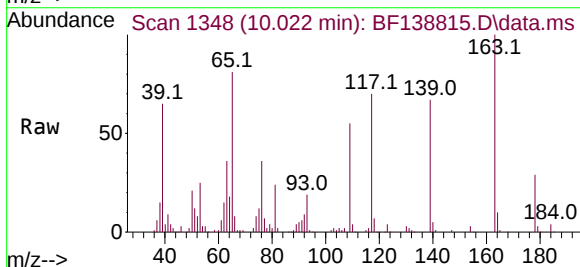
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:168 Resp: 416981
Ion Ratio Lower Upper
168 100
139 41.8 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 85.791 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:139 Resp: 68114
Ion Ratio Lower Upper
139 100
109 81.5 55.5 95.5
65 120.5 96.7 136.7

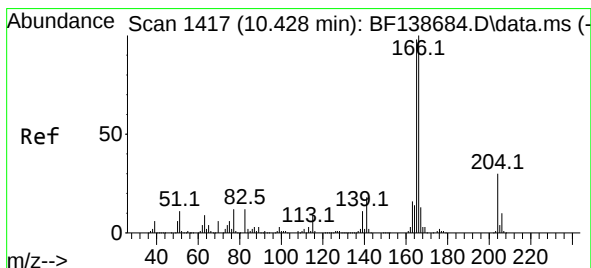
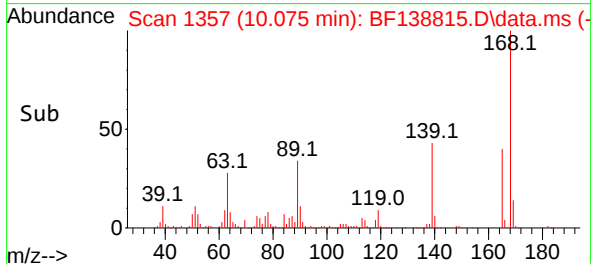
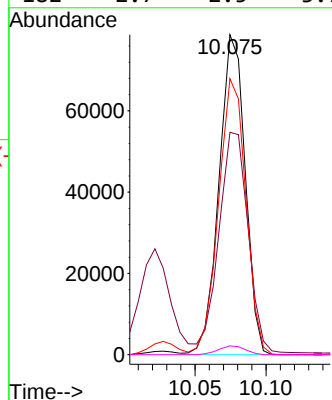
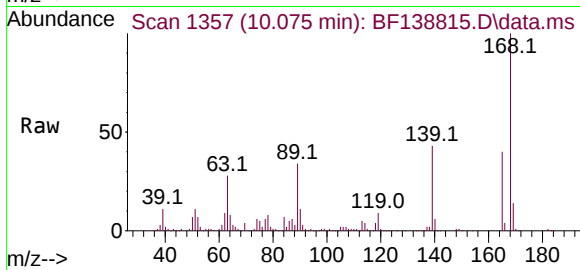




#57
2,4-Dinitrotoluene
Concen: 61.902 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

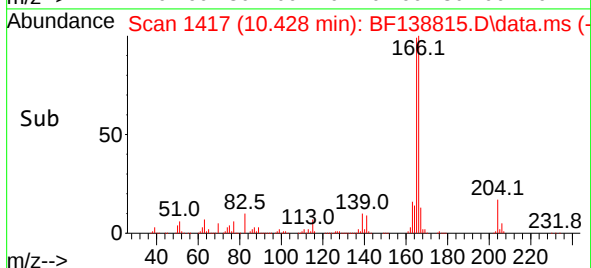
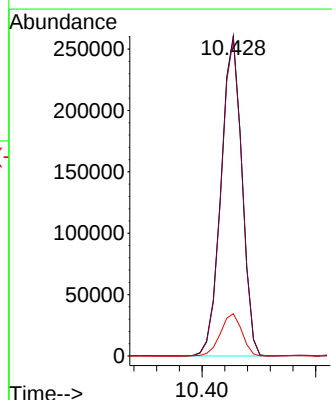
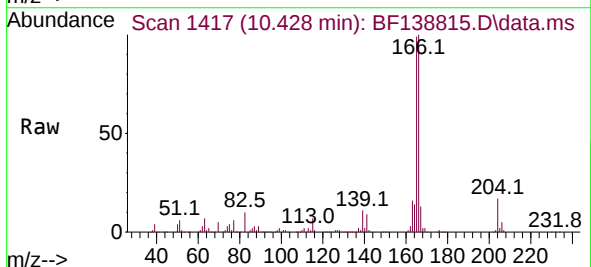
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:165 Resp: 100865
Ion Ratio Lower Upper
165 100
63 69.5 46.3 69.5#
89 86.3 64.2 96.4
182 2.7 2.5 3.7



#58
Fluorene
Concen: 60.330 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:166 Resp: 333321
Ion Ratio Lower Upper
166 100
165 99.1 78.4 117.6
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 63.290 ng

RT: 10.210 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

Tgt Ion:232 Resp: 79291

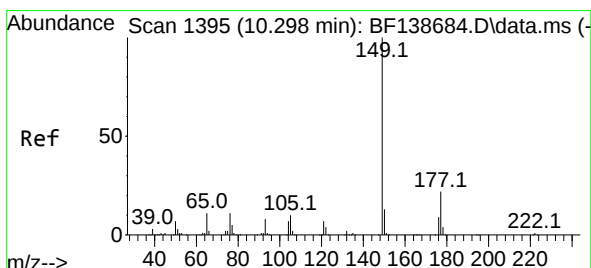
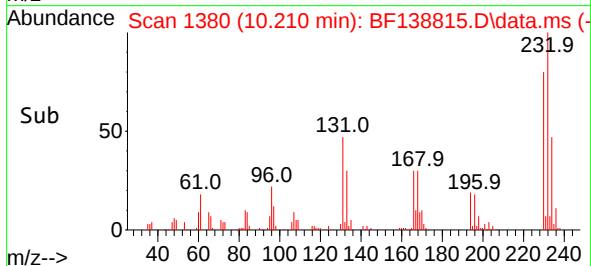
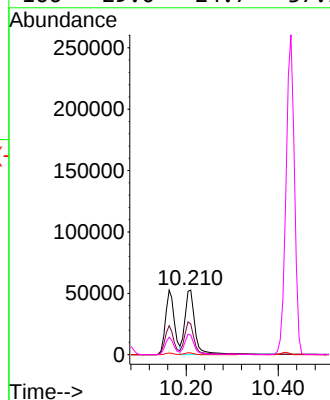
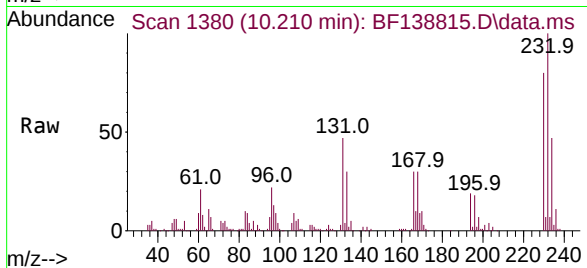
Ion Ratio Lower Upper

232 100

131 48.1 37.0 55.4

130 2.7 2.0 3.0

166 29.0 24.7 37.1



#60

Diethylphthalate

Concen: 64.156 ng

RT: 10.298 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

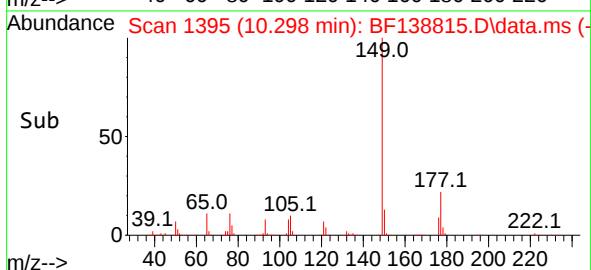
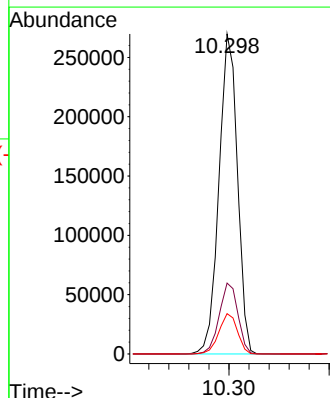
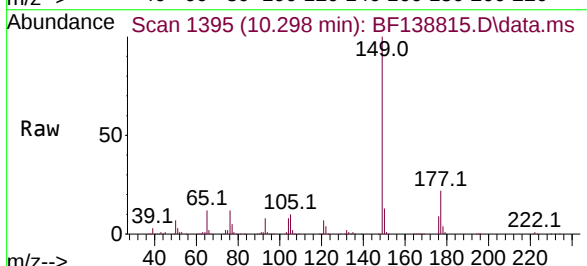
Tgt Ion:149 Resp: 344246

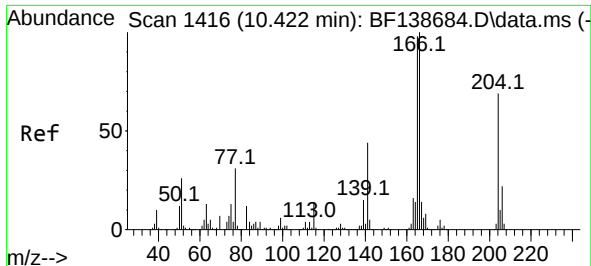
Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.8

150 12.6 10.1 15.1

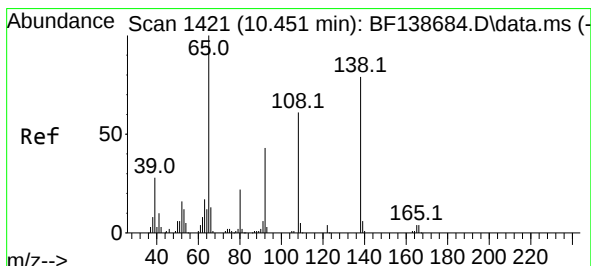
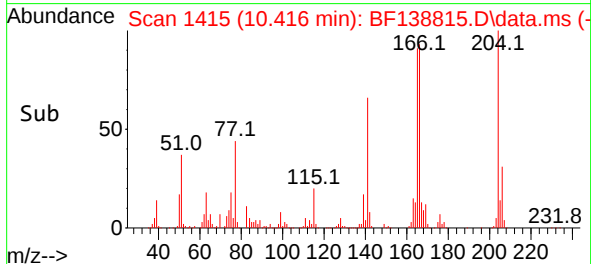
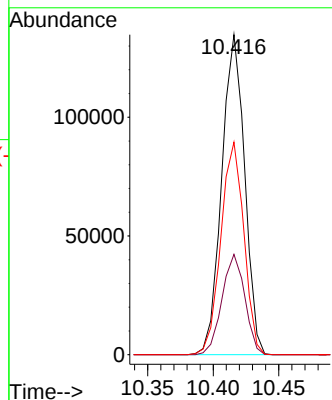
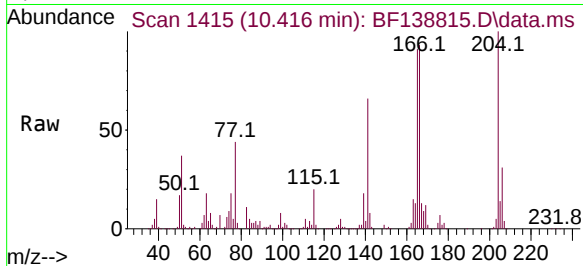




#61
4-Chlorophenyl-phenylether
Concen: 60.241 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

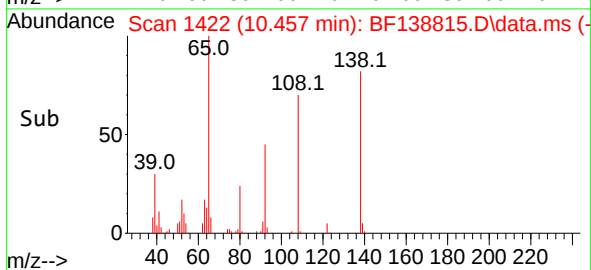
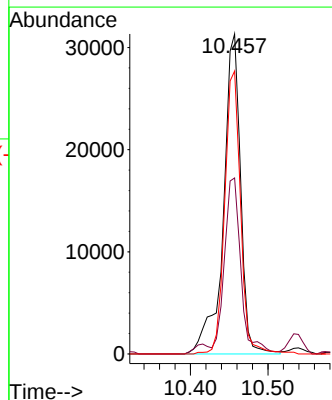
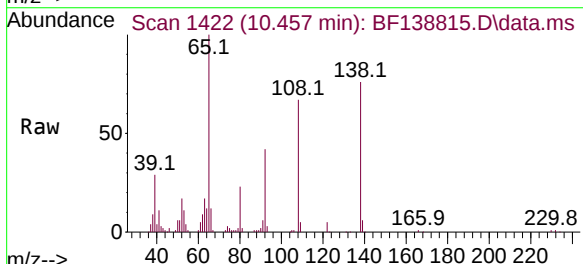
Instrument :
BNA_F
ClientSampleId :
TP1MSD

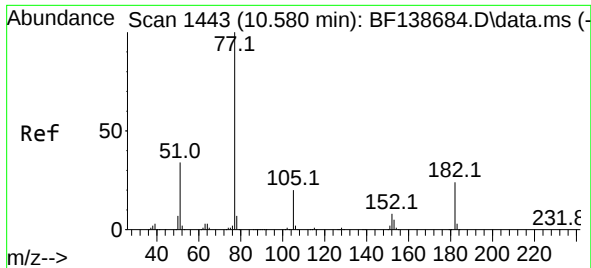
Tgt Ion:204 Resp: 163692
Ion Ratio Lower Upper
204 100
206 31.3 26.1 39.1
141 66.4 51.4 77.0



#62
4-Nitroaniline
Concen: 38.743 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:138 Resp: 48610
Ion Ratio Lower Upper
138 100
92 55.0 34.2 74.2
108 88.4 56.2 96.2

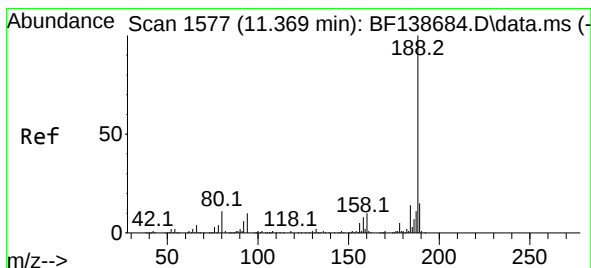
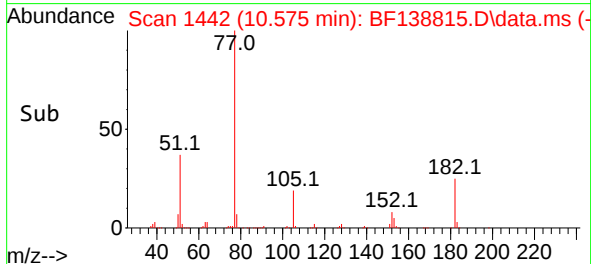
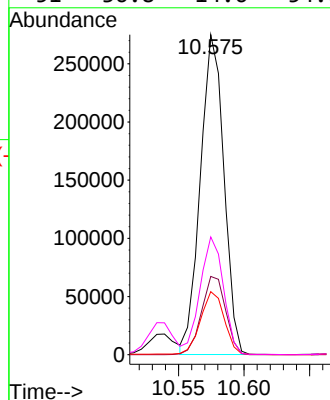
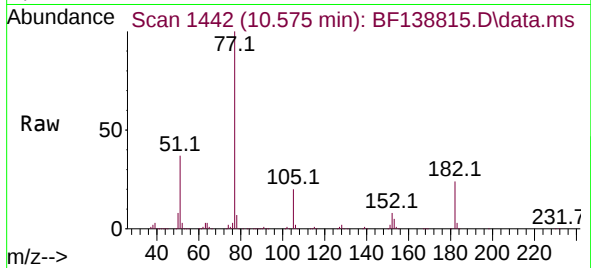




#63
Azobenzene
Concen: 57.775 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

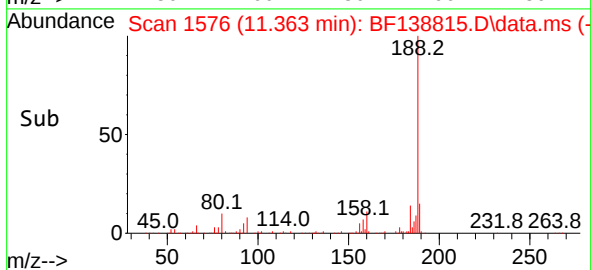
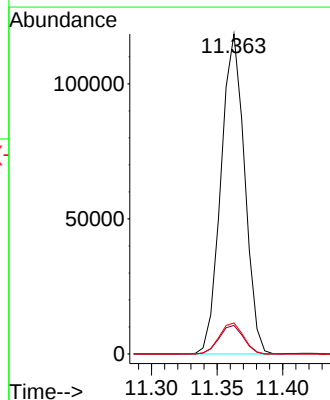
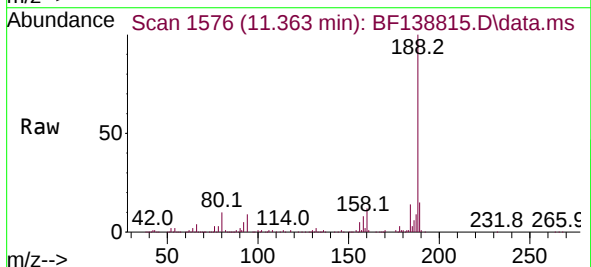
Instrument :
BNA_F
ClientSampleId :
TP1MSD

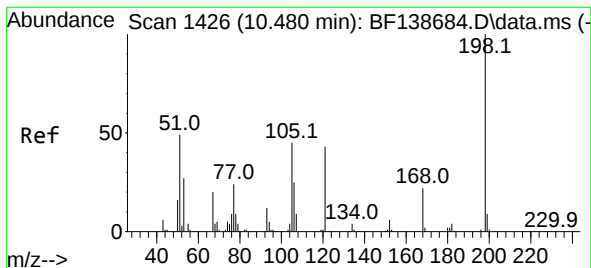
Tgt Ion: 77	Resp: 343831
Ion Ratio	Lower Upper
77 100	
182 24.4	3.4 43.4
105 19.7	0.2 40.2
51 36.8	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt	Ion:188	Resp:	148426
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	9.7	8.6	12.8

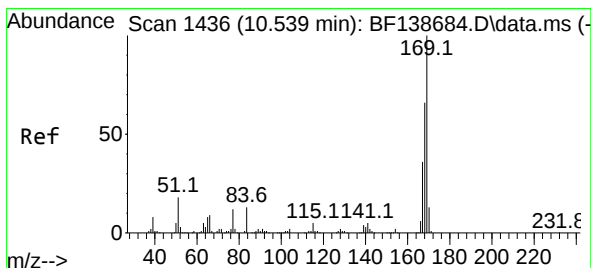
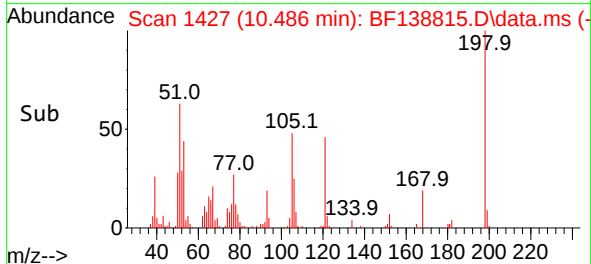
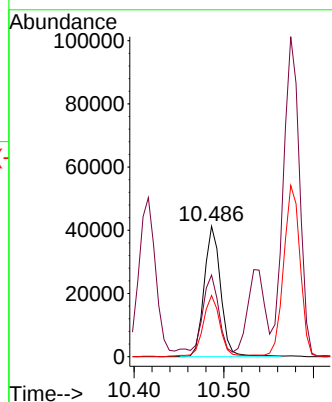
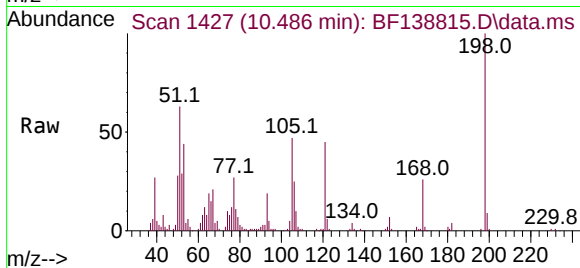




#65
4,6-Dinitro-2-methylphenol
Concen: 58.059 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

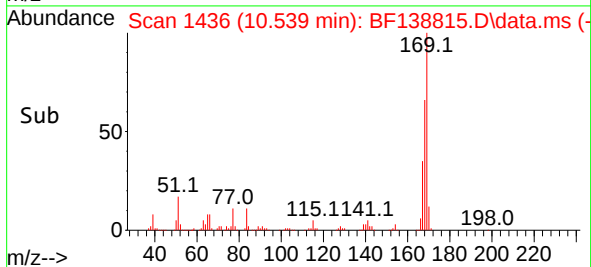
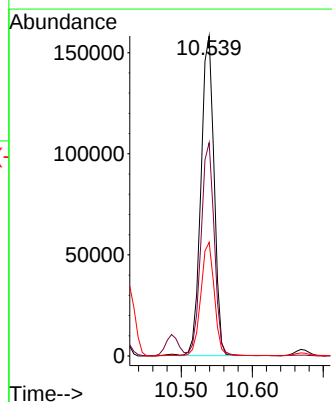
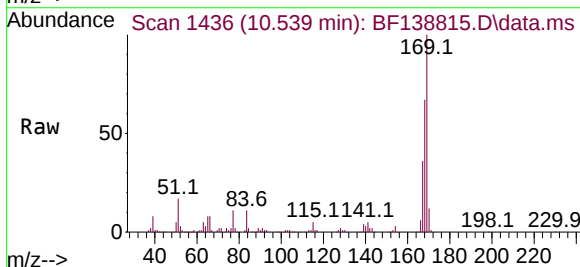
Instrument :
BNA_F
ClientSampleId :
TP1MSD

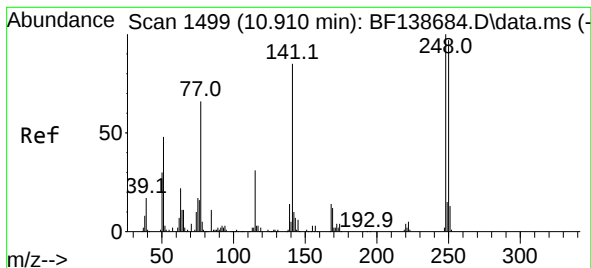
Tgt Ion:198 Resp: 52574
Ion Ratio Lower Upper
198 100
51 62.6 39.9 79.9
105 46.9 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 43.889 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:169 Resp: 203621
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.5 29.0 43.6

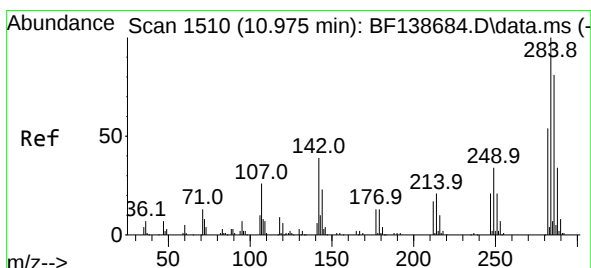
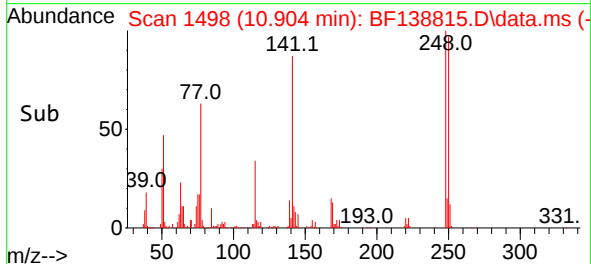
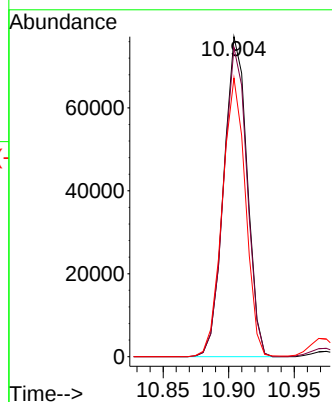
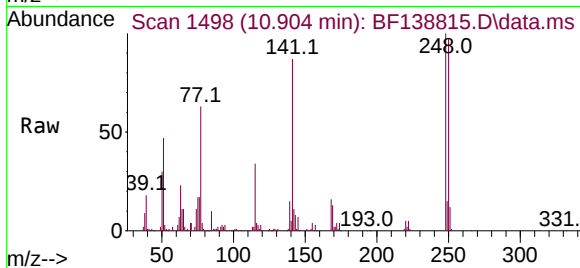




#67
4-Bromophenyl-phenylether
Concen: 59.619 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

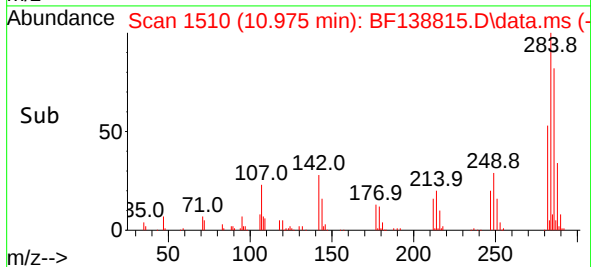
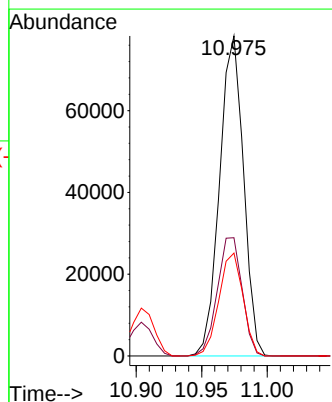
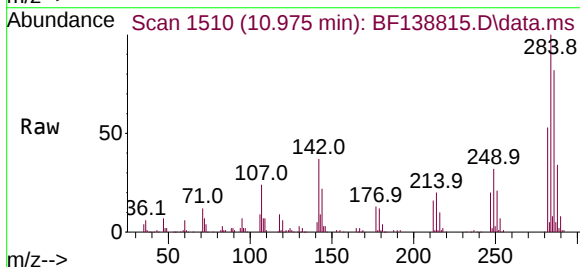
Instrument :
BNA_F
ClientSampleId :
TP1MSD

Tgt Ion:248 Resp: 95807
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 87.1 68.0 102.0



#68
Hexachlorobenzene
Concen: 59.770 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:284 Resp: 99173
Ion Ratio Lower Upper
284 100
142 36.9 31.3 46.9
249 32.2 27.2 40.8





#69

Atrazine

Concen: 18.884 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

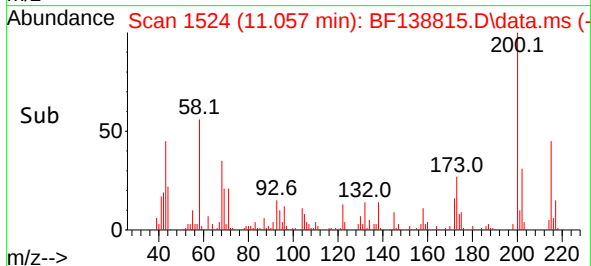
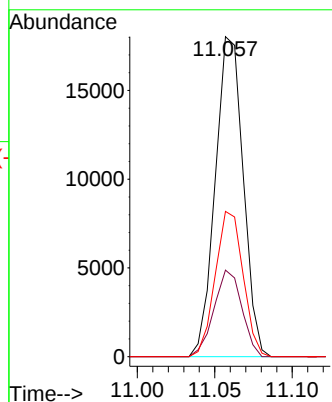
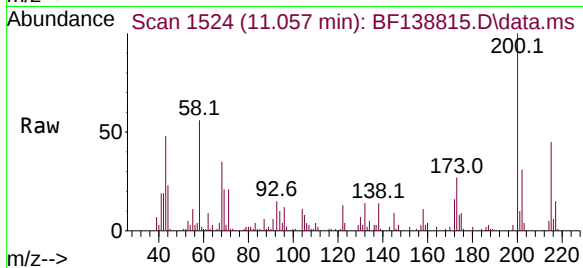
Tgt Ion:200 Resp: 22604

Ion Ratio Lower Upper

200 100

173 27.0 6.0 46.0

215 45.4 26.1 66.1



#70

Pentachlorophenol

Concen: 111.171 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

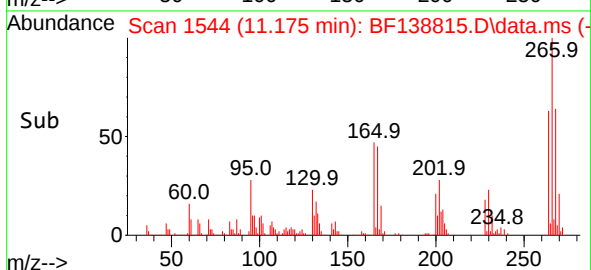
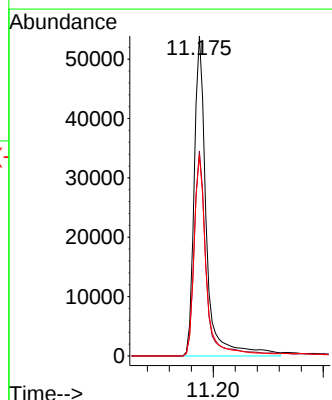
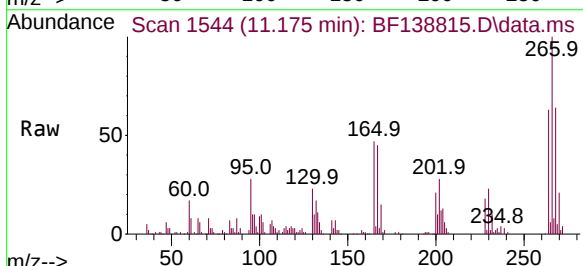
Tgt Ion:266 Resp: 83143

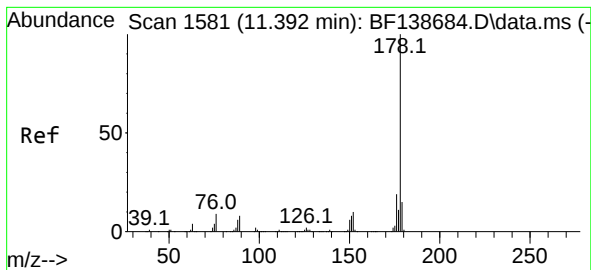
Ion Ratio Lower Upper

266 100

268 64.0 49.2 73.8

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 61.040 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

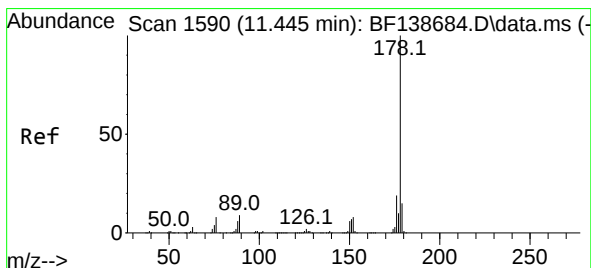
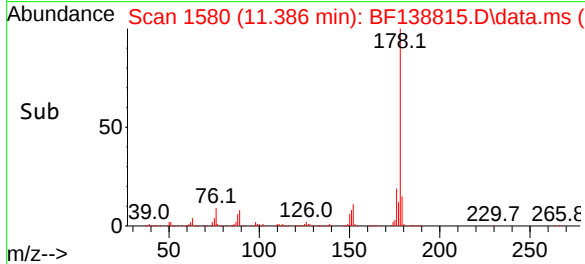
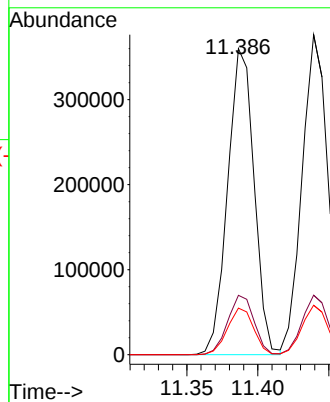
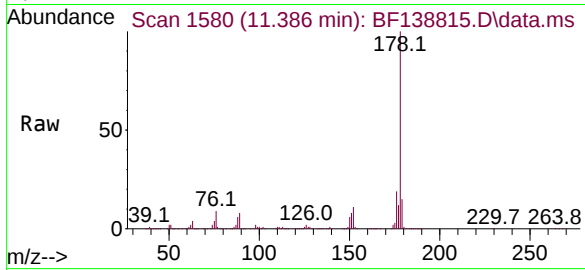
Tgt Ion:178 Resp: 466512

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.2 18.2



#72

Anthracene

Concen: 62.463 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

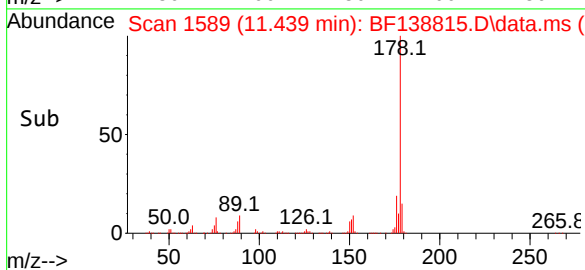
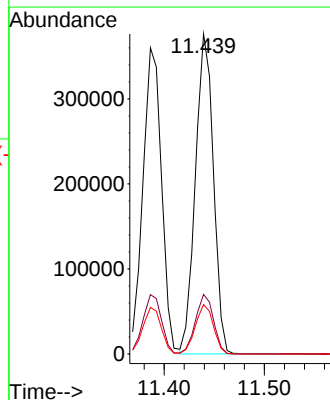
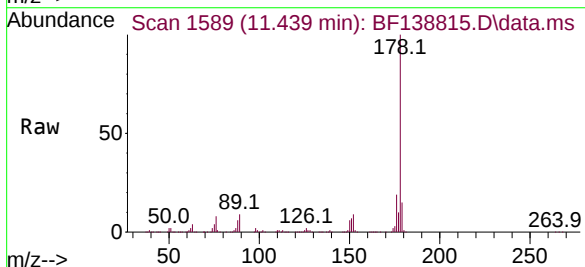
Tgt Ion:178 Resp: 470294

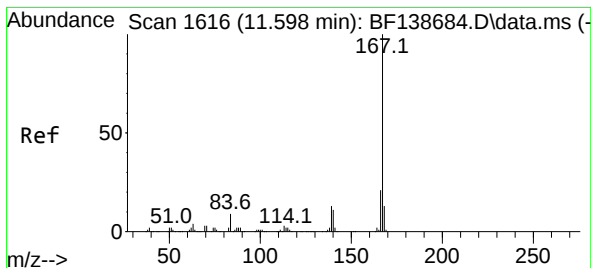
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.945 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

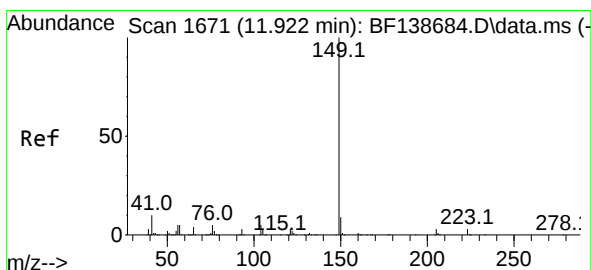
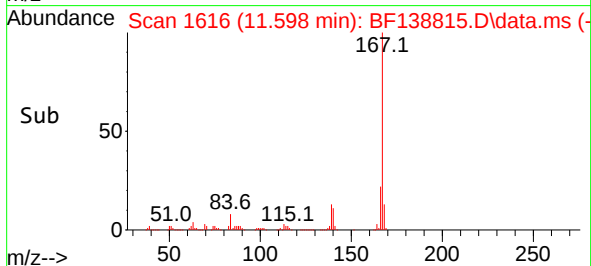
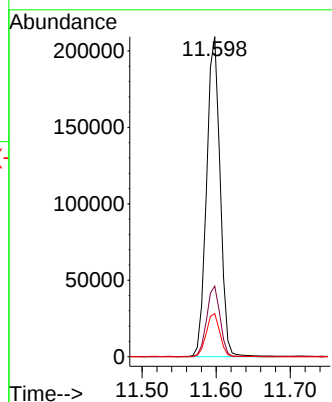
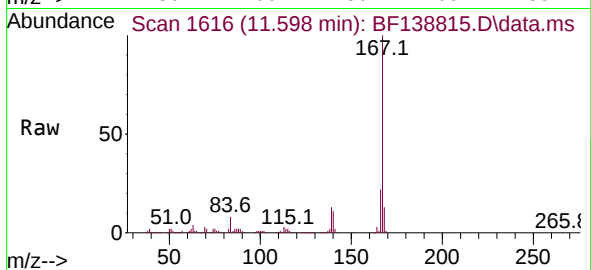
Tgt Ion:167 Resp: 265969

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 69.925 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

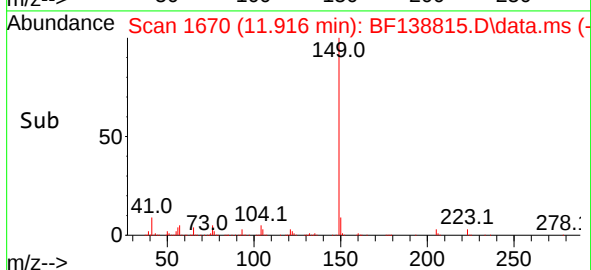
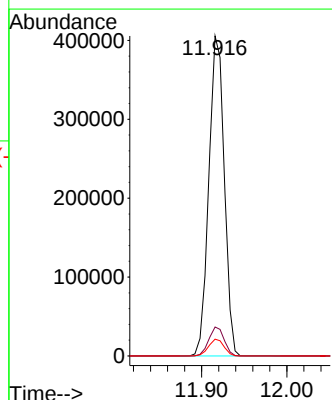
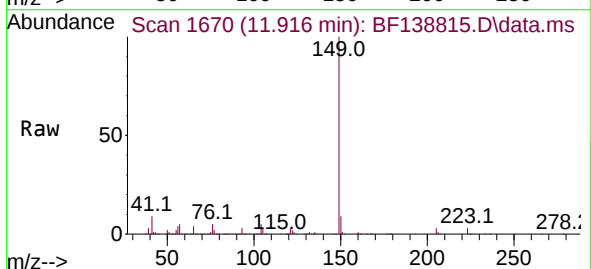
Tgt Ion:149 Resp: 510615

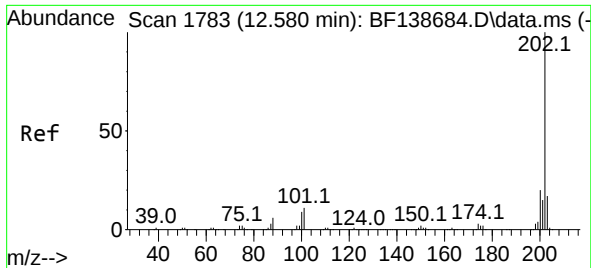
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

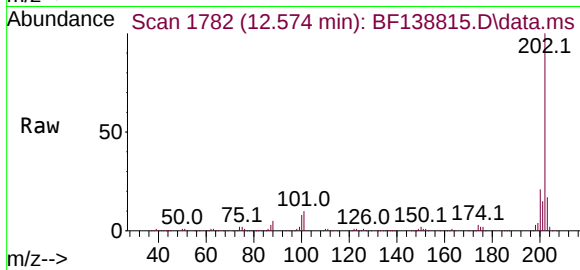
104 5.3 4.1 6.1



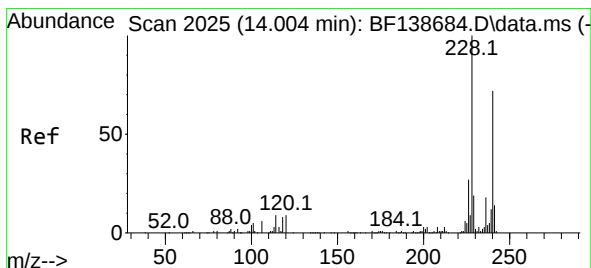
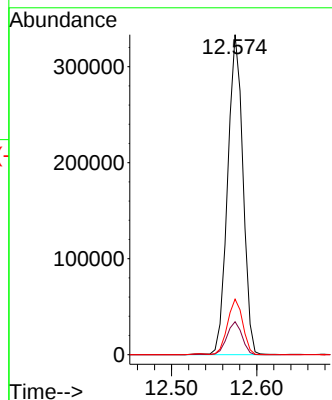


#75
Fluoranthene
Concen: 58.414 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Instrument :
BNA_F
ClientSampleId :
TP1MSD

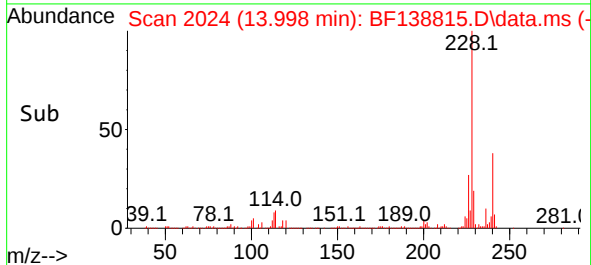
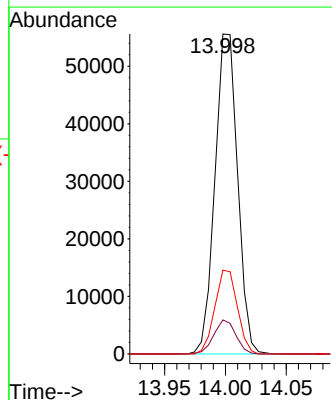
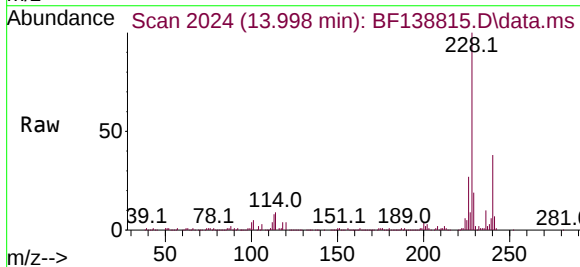


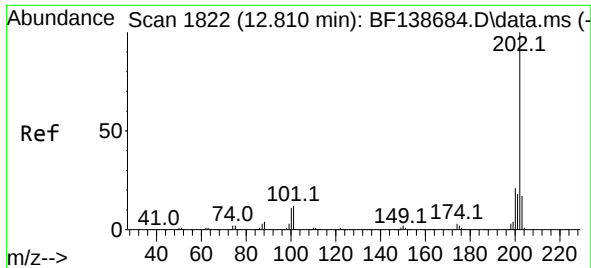
Tgt Ion:202 Resp: 416784
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:240 Resp: 72032
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.2 19.8 29.8

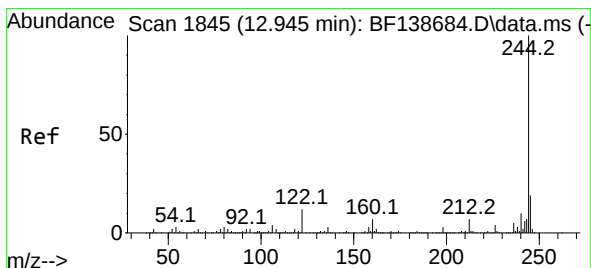
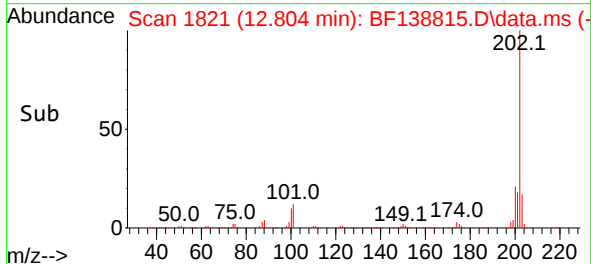
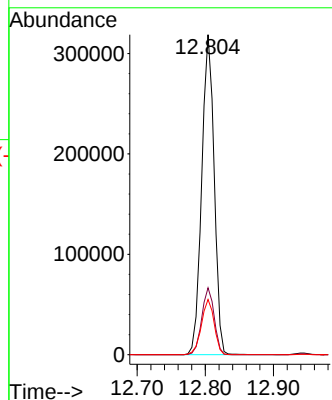
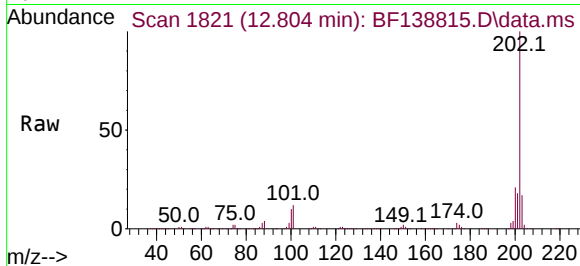




#78
Pyrene
Concen: 59.653 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

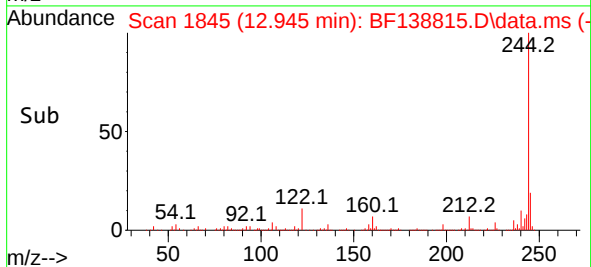
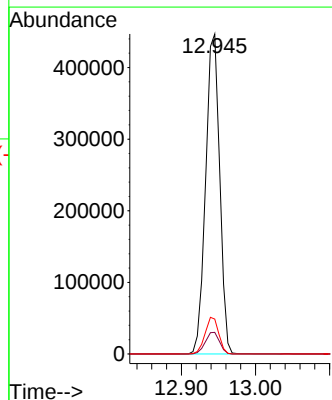
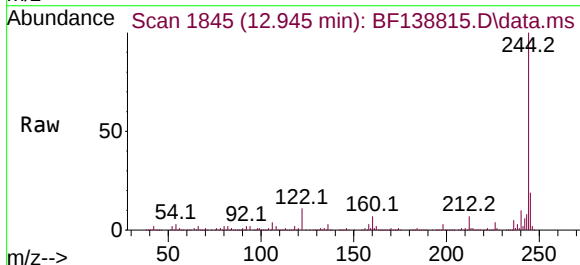
Instrument :
BNA_F
ClientSampleId :
TP1MSD

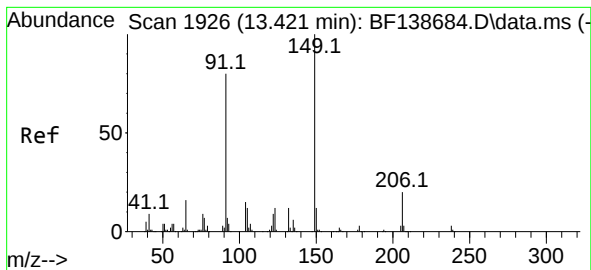
Tgt Ion:202 Resp: 404571
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.2 13.8 20.6



#79
Terphenyl-d14
Concen: 136.735 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:244 Resp: 588274
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.9 9.6 14.4





#80

Butylbenzylphthalate

Concen: 67.243 ng

RT: 13.416 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

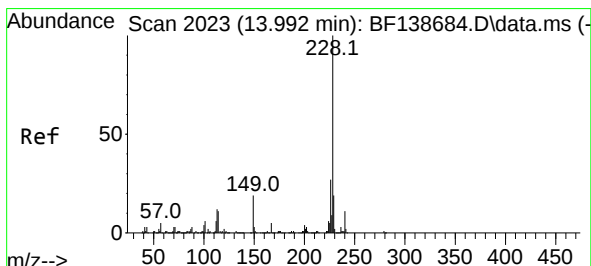
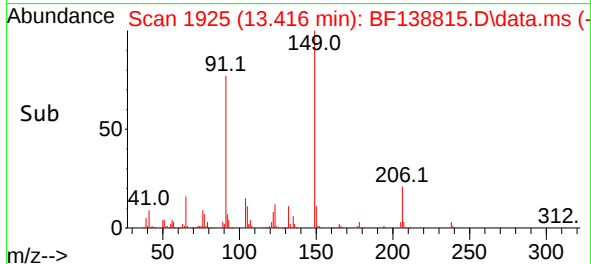
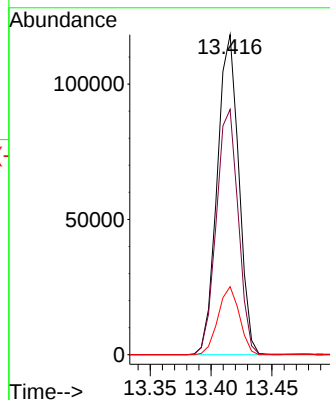
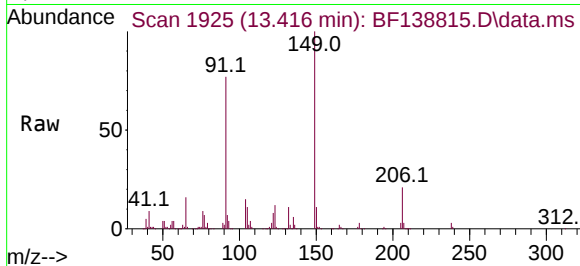
Tgt Ion:149 Resp: 146039

Ion Ratio Lower Upper

149 100

91 76.7 63.7 95.5

206 21.2 16.2 24.2



#81

Benzo(a)anthracene

Concen: 60.801 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

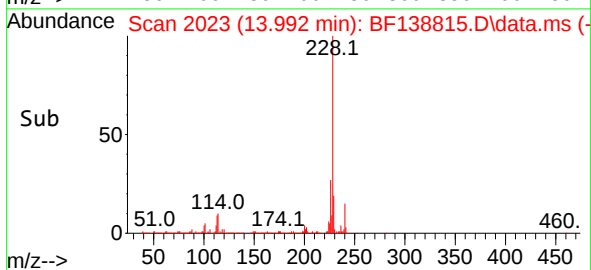
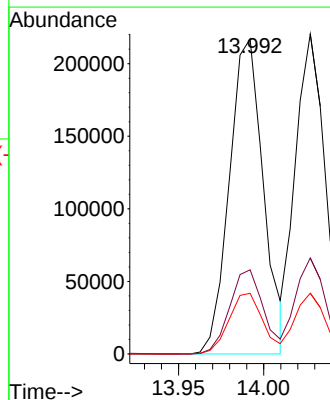
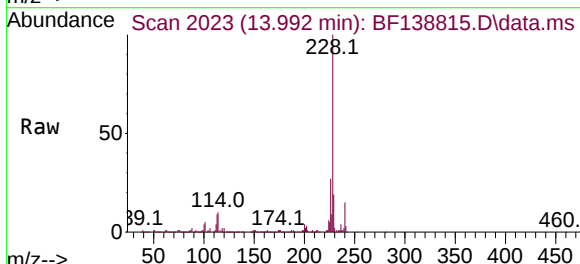
Tgt Ion:228 Resp: 301590

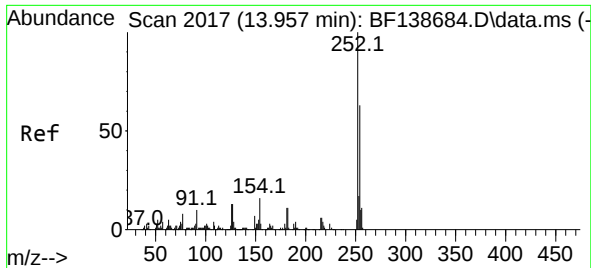
Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

229 19.2 15.4 23.0

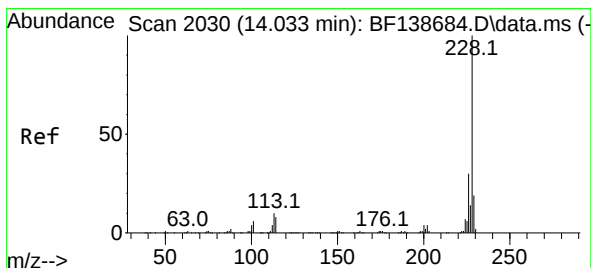
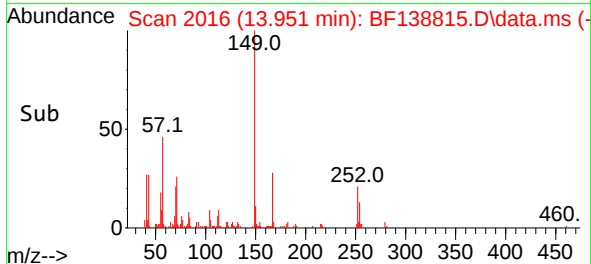
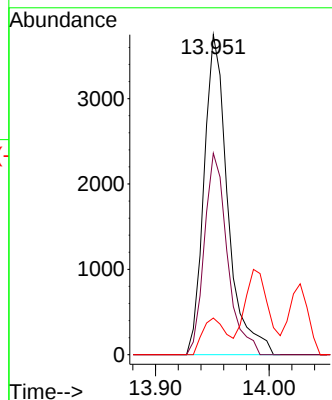
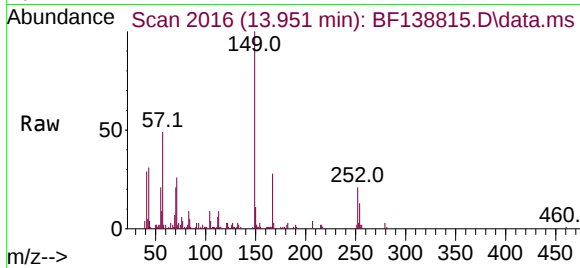




#82
 3,3'-Dichlorobenzidine
 Concen: 4.290 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BF138815.D
 Acq: 06 Aug 2024 19:39

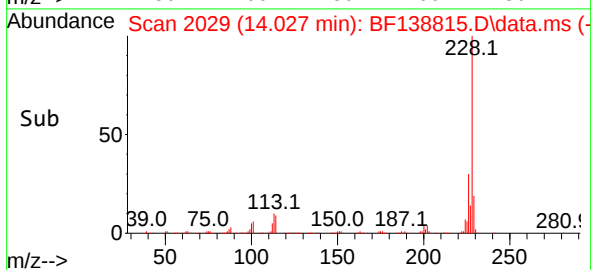
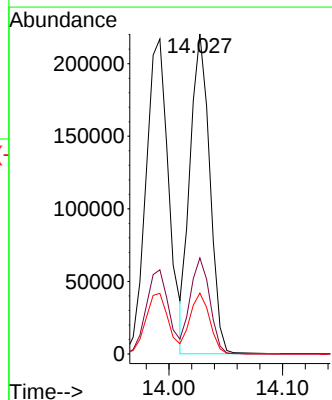
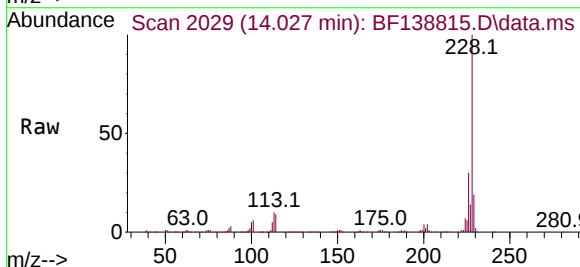
Instrument :
 BNA_F
 ClientSampleId :
 TP1MSD

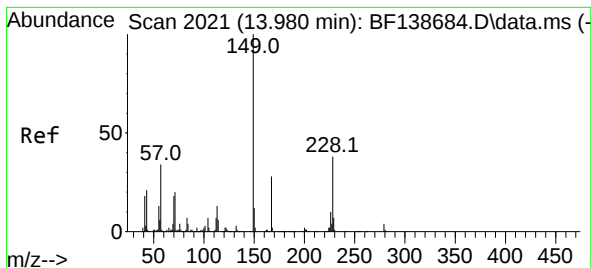
Tgt Ion:252 Resp: 5446
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.8 76.2
 126 11.4 10.2 15.2



#83
 Chrysene
 Concen: 59.311 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF138815.D
 Acq: 06 Aug 2024 19:39

Tgt Ion:228 Resp: 265423
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.0 15.0 22.6

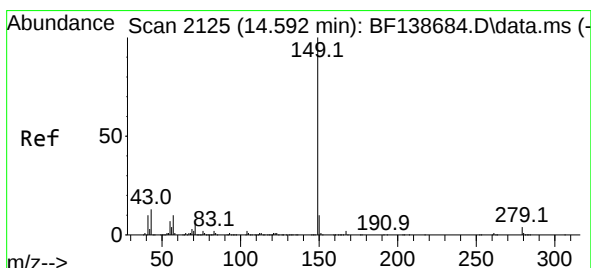
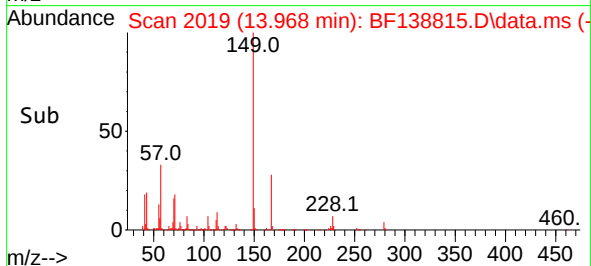
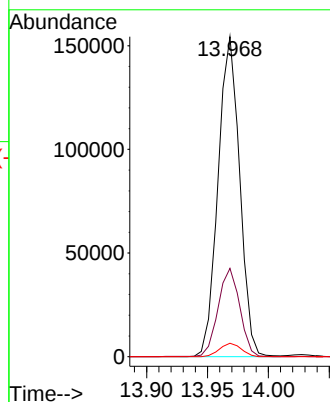
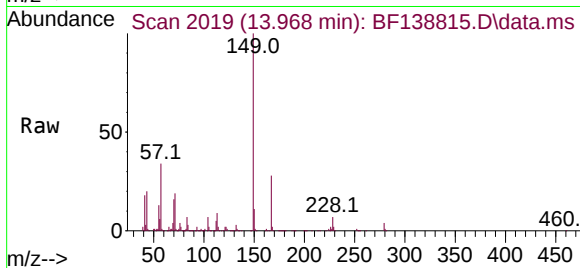




#84
Bis(2-ethylhexyl)phthalate
Concen: 60.062 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

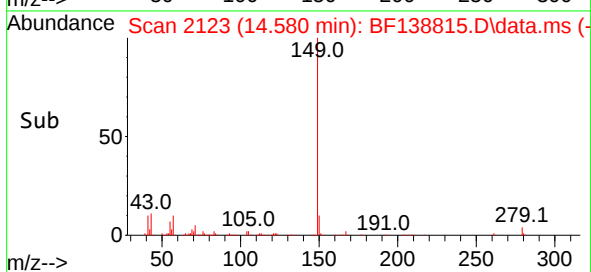
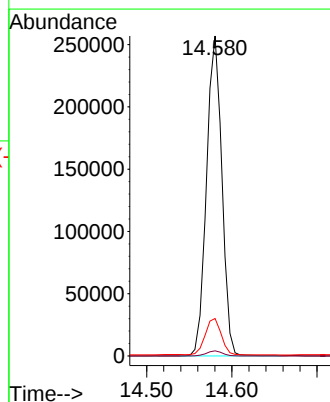
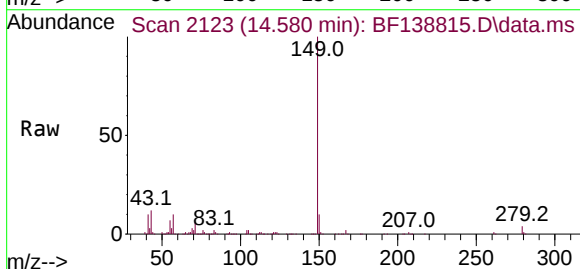
Instrument :
BNA_F
ClientSampleId :
TP1MSD

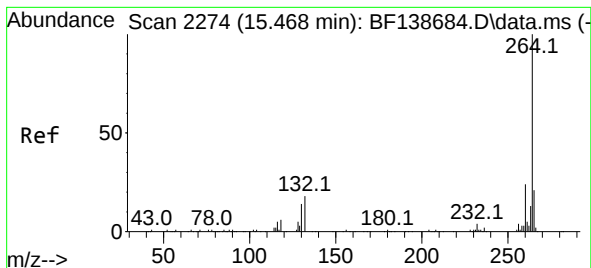
Tgt Ion:149 Resp: 191010
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.2 3.4 5.0



#85
Di-n-octyl phthalate
Concen: 54.730 ng
RT: 14.580 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BF138815.D
Acq: 06 Aug 2024 19:39

Tgt Ion:149 Resp: 322031
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.9 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

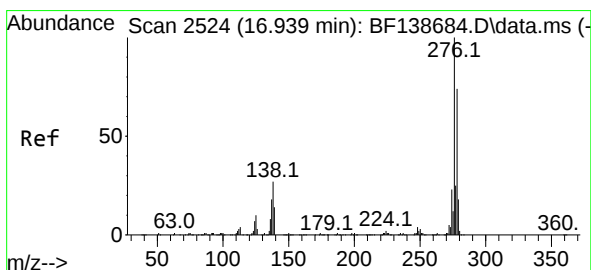
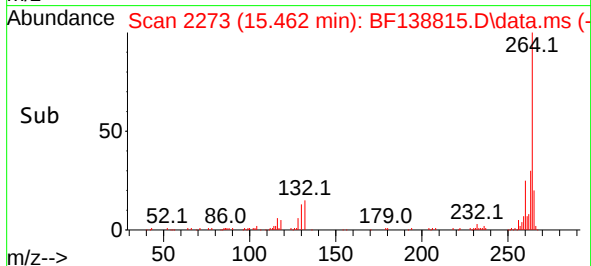
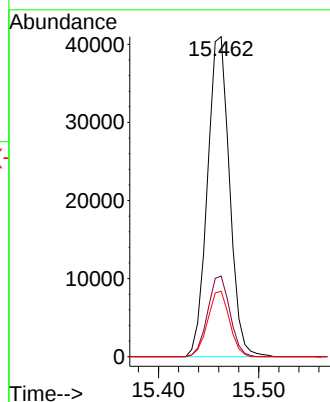
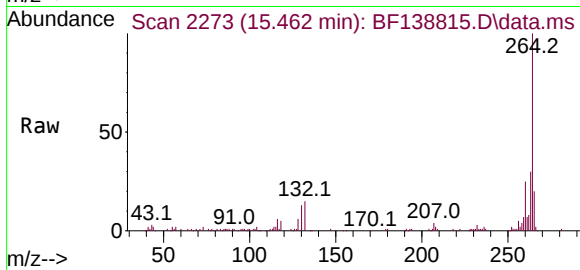
Tgt Ion:264 Resp: 62804

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.6

265 20.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 65.207 ng

RT: 16.933 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

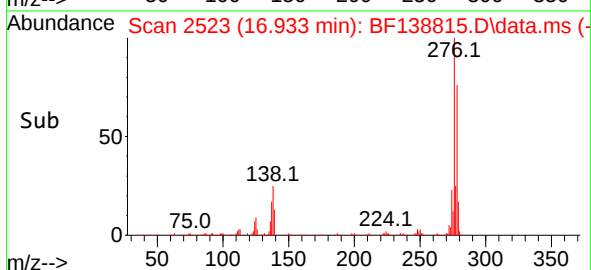
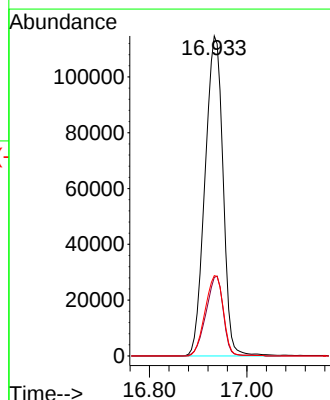
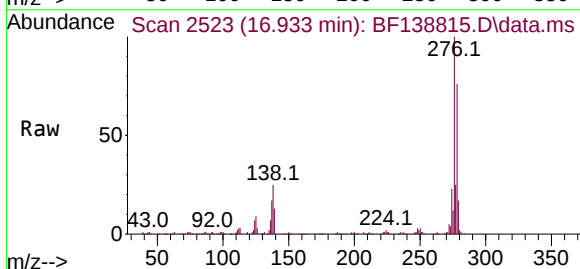
Tgt Ion:276 Resp: 293481

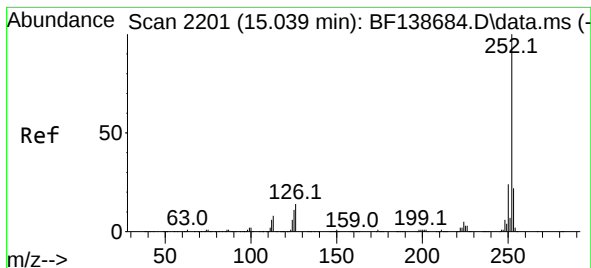
Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.4 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 73.779 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

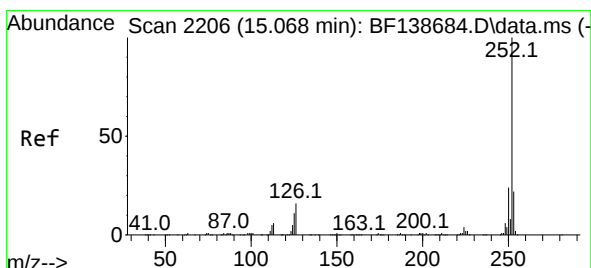
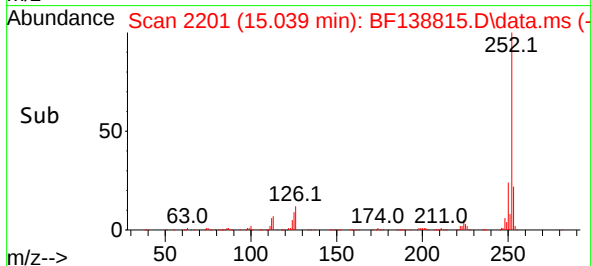
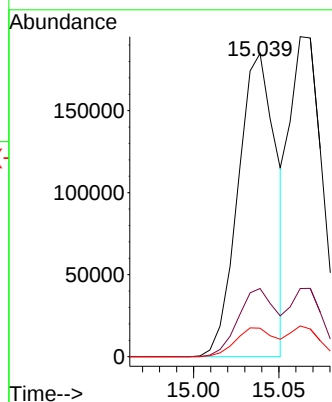
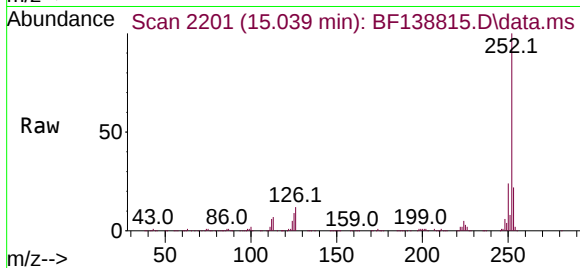
Tgt Ion:252 Resp: 287238

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.4 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 76.490 ng

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

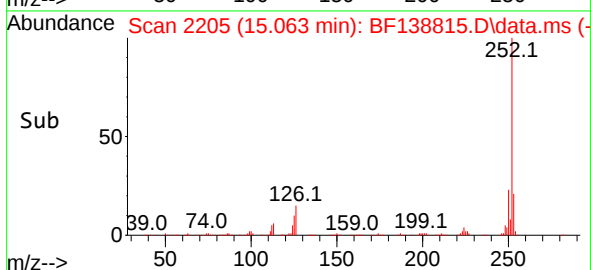
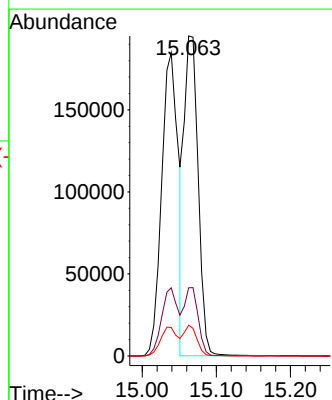
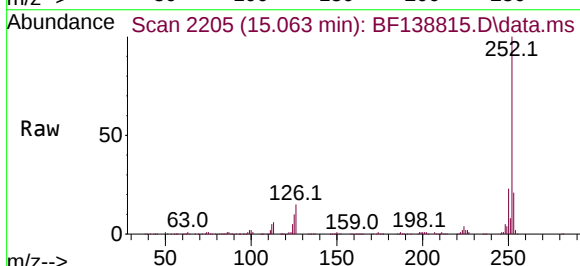
Tgt Ion:252 Resp: 257834

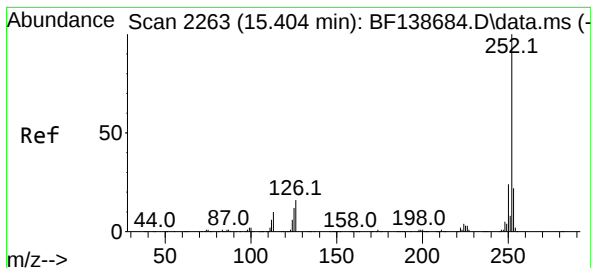
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.6 8.6 13.0





#90

Benzo(a)pyrene

Concen: 76.503 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

Instrument :

BNA_F

ClientSampleId :

TP1MSD

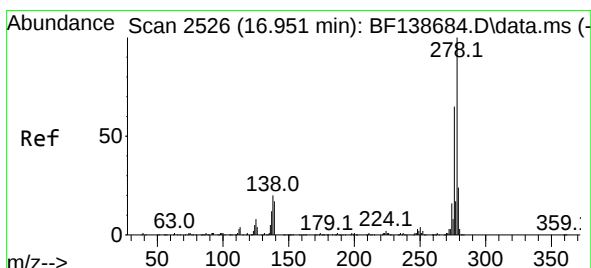
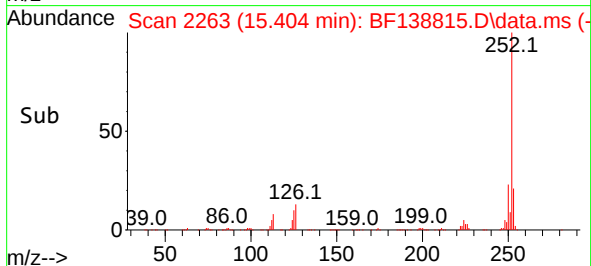
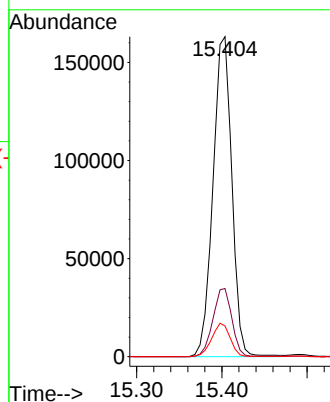
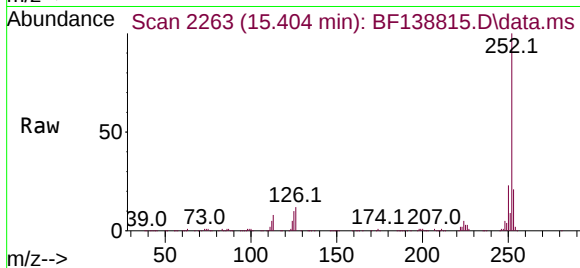
Tgt Ion:252 Resp: 250528

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.6 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 65.161 ng

RT: 16.945 min Scan# 2525

Delta R.T. -0.006 min

Lab File: BF138815.D

Acq: 06 Aug 2024 19:39

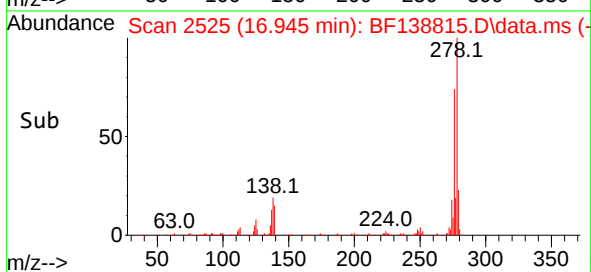
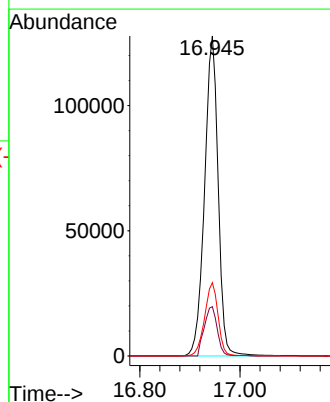
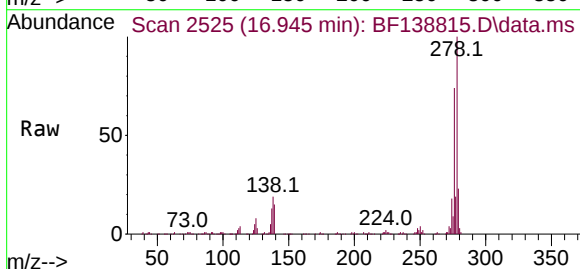
Tgt Ion:278 Resp: 240740

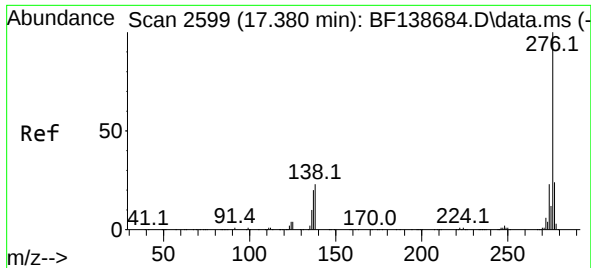
Ion Ratio Lower Upper

278 100

139 15.4 14.0 21.0

279 22.9 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 53.058 ng
 RT: 17.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138815.D
 Acq: 06 Aug 2024 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP1MSD

Tgt Ion:	276	Resp:	203417
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	20.2	18.5	27.7

