

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138761.D
 Acq On : 03 Aug 2024 10:28
 Operator : RC/JU
 Sample : PB162460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162460BS

Quant Time: Aug 05 00:48:27 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	6.845	152	64365	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	249170	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	158082	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	274373	20.000	ng	0.00
76) Chrysene-d12	14.016	240	133392	20.000	ng	0.01
86) Perylene-d12	15.480	264	148445	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425663	102.086	ng	0.02
7) Phenol-d6	6.492	99	641202	114.537	ng	0.00
23) Nitrobenzene-d5	7.416	82	437212	85.788	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	155655	120.206	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	749768	71.262	ng	0.00
79) Terphenyl-d14	12.957	244	724688	90.959	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	44766	24.523	ng	99
3) Pyridine	3.446	79	116466	26.337	ng	96
4) n-Nitrosodimethylamine	3.404	42	89438	33.958	ng	96
6) Aniline	6.510	93	165725	33.194	ng	# 29
8) 2-Chlorophenol	6.640	128	203607	46.412	ng	97
9) Benzaldehyde	6.404	77	159975	47.671	ng	99
10) Phenol	6.510	94	248308	42.127	ng	86
11) bis(2-Chloroethyl)ether	6.587	93	190807	42.067	ng	99
12) 1,3-Dichlorobenzene	6.787	146	209385	42.639	ng	98
13) 1,4-Dichlorobenzene	6.863	146	214419	43.267	ng	98
14) 1,2-Dichlorobenzene	7.016	146	206176	44.516	ng	99
15) Benzyl Alcohol	6.998	79	190671	47.256	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	320763	41.092	ng	58
17) 2-Methylphenol	7.110	107	162477	44.852	ng	# 92
18) Hexachloroethane	7.357	117	77997	41.811	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	148951	44.053	ng	97
20) 3+4-Methylphenols	7.263	107	205461	44.206	ng	# 88
22) Acetophenone	7.257	105	259695	42.567	ng	# 97
24) Nitrobenzene	7.434	77	230925	44.529	ng	98
25) Isophorone	7.675	82	431772	49.616	ng	99
26) 2-Nitrophenol	7.751	139	113571	50.902	ng	99
27) 2,4-Dimethylphenol	7.787	122	144361	54.078	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	250845	47.334	ng	99
29) 2,4-Dichlorophenol	7.992	162	155868	45.439	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	172963	43.693	ng	99
31) Naphthalene	8.151	128	581200	44.314	ng	99
32) Benzoic acid	7.928	122	72812	34.698	ng	99
33) 4-Chloroaniline	8.204	127	125161	28.429	ng	99
34) Hexachlorobutadiene	8.263	225	106543	44.435	ng	99
35) Caprolactam	8.586	113	30278	29.581	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	177560	45.292	ng	100
37) 2-Methylnaphthalene	8.839	142	358609	43.294	ng	99
38) 1-Methylnaphthalene	8.939	142	336322	41.436	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	157430	35.850	ng	97
41) Hexachlorocyclopentadiene	8.992	237	117759	99.458	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	103548	38.674	ng	99

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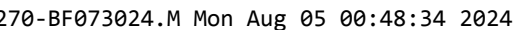
Instrument :
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Quant Time: Aug 05 00:48:27 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	109725	37.487	ng	99
46) 1,1'-Biphenyl	9.310	154	434533	35.097	ng	99
47) 2-Chloronaphthalene	9.333	162	336727	36.569	ng	99
48) 2-Nitroaniline	9.433	65	125764	40.288	ng	99
49) Acenaphthylene	9.751	152	588581	45.069	ng	99
50) Dimethylphthalate	9.610	163	469260	46.425	ng	100
51) 2,6-Dinitrotoluene	9.675	165	101109	44.323	ng	93
52) Acenaphthene	9.922	154	333325	37.969	ng	99
53) 3-Nitroaniline	9.845	138	74108	31.425	ng	98
54) 2,4-Dinitrophenol	9.963	184	82026	78.112	ng	92
55) Dibenzofuran	10.092	168	490785	39.604	ng	99
56) 4-Nitrophenol	10.028	139	98806	69.674	ng	98
57) 2,4-Dinitrotoluene	10.086	165	120072	41.256	ng	# 88
58) Fluorene	10.433	166	389614	39.481	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	96270	43.021	ng	96
60) Diethylphthalate	10.310	149	402196	41.965	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	191493	39.455	ng	99
62) 4-Nitroaniline	10.463	138	83783	37.385	ng	97
63) Azobenzene	10.586	77	428299	40.293	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	66195	39.545	ng	98
66) n-Nitrosodiphenylamine	10.545	169	337535	39.357	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	119819	40.335	ng	100
68) Hexachlorobenzene	10.986	284	127731	41.645	ng	95
69) Atrazine	11.075	200	119963	54.216	ng	98
70) Pentachlorophenol	11.186	266	110070	79.616	ng	99
71) Phenanthrene	11.398	178	638711	45.209	ng	100
72) Anthracene	11.451	178	656697	47.183	ng	99
73) Carbazole	11.610	167	533635	44.441	ng	99
74) Di-n-butylphthalate	11.927	149	694525	51.451	ng	100
75) Fluoranthene	12.586	202	566515	42.952	ng	100
77) Benzidine	12.710	184	60213	18.873	ng	99
78) Pyrene	12.816	202	547825	43.619	ng	98
80) Butylbenzylphthalate	13.427	149	194540	48.371	ng	98
81) Benzo(a)anthracene	14.004	228	428592	46.659	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	85256	36.269	ng	99
83) Chrysene	14.039	228	394448	47.597	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	294920	50.077	ng	100
85) Di-n-octyl phthalate	14.598	149	503013	46.164	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	504505	47.424	ng	98
88) Benzo(b)fluoranthene	15.057	252	415105	45.110	ng	98
89) Benzo(k)fluoranthene	15.086	252	376910	47.307	ng	98
90) Benzo(a)pyrene	15.421	252	380159	49.114	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	407771	46.696	ng	99
92) Benzo(g,h,i)perylene	17.421	276	393974	43.476	ng	98

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

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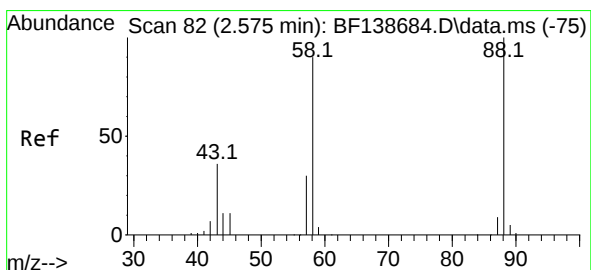
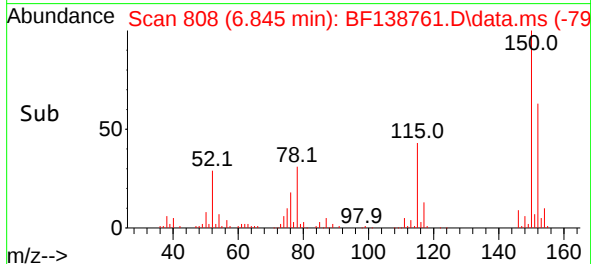
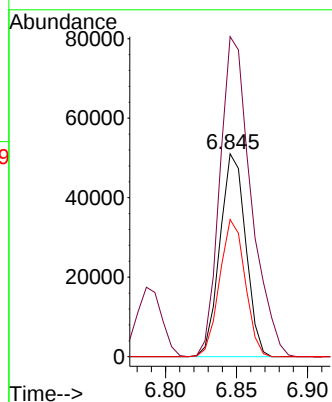
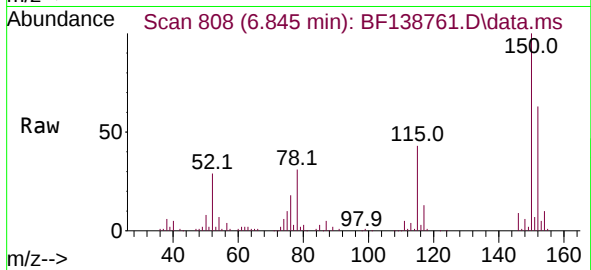




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138761.D
 Acq: 03 Aug 2024 10:28

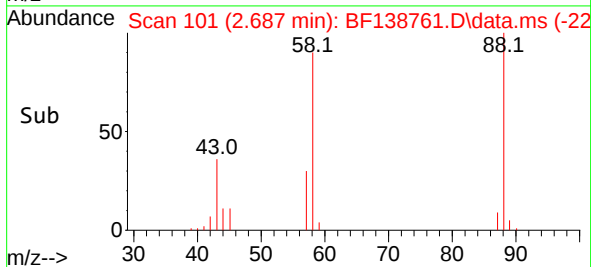
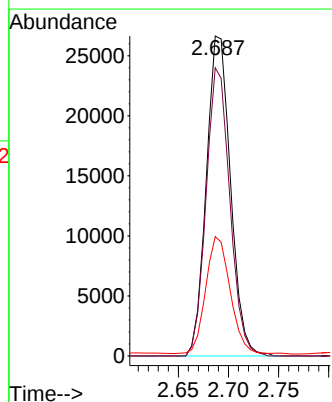
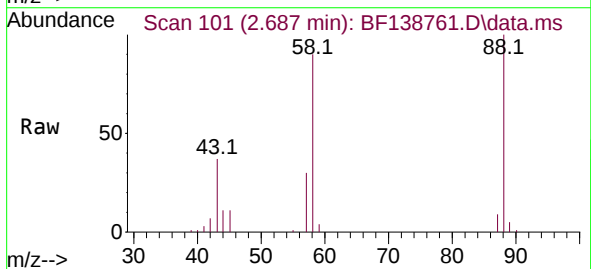
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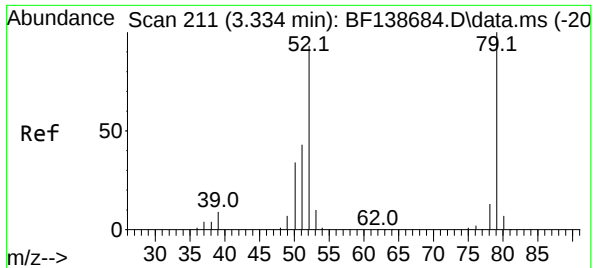
Tgt Ion:152 Resp: 64365
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.0 189.0
 115 67.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 24.523 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.112 min
 Lab File: BF138761.D
 Acq: 03 Aug 2024 10:28

Tgt Ion: 88 Resp: 44766
 Ion Ratio Lower Upper
 88 100
 58 88.5 71.6 107.4
 43 36.7 28.7 43.1

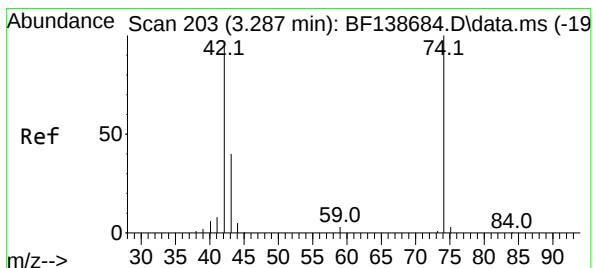
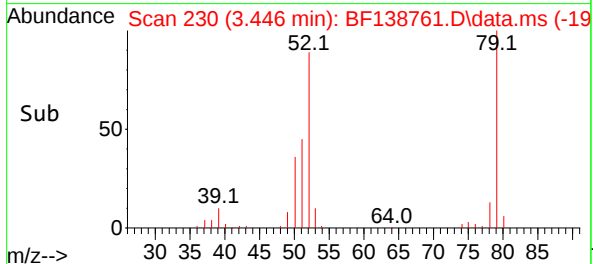
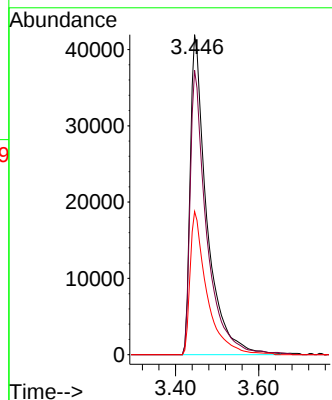
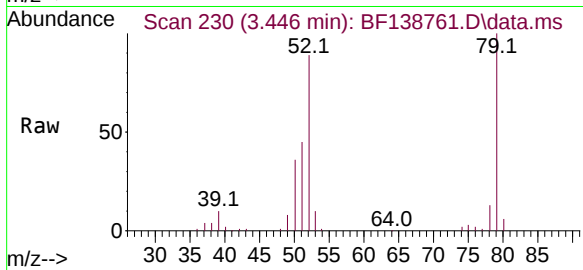




#3
Pyridine
Concen: 26.337 ng
RT: 3.446 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

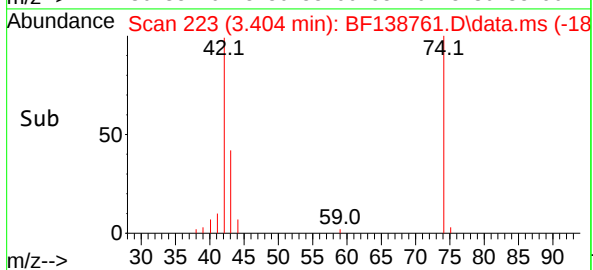
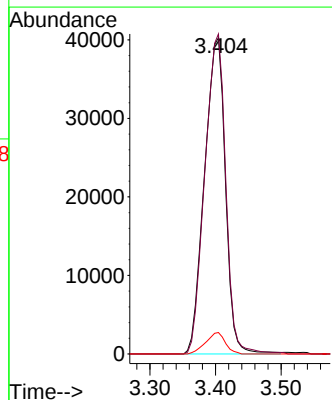
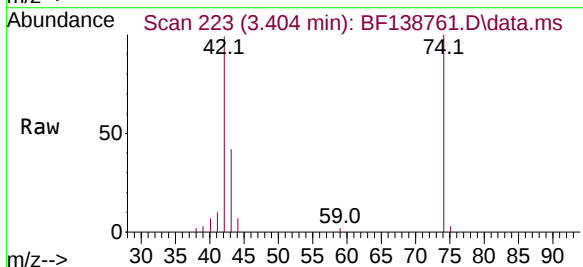
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion: 79 Resp: 116466
Ion Ratio Lower Upper
79 100
52 88.9 74.7 112.1
51 44.7 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 33.958 ng
RT: 3.404 min Scan# 223
Delta R.T. 0.118 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion: 42 Resp: 89438
Ion Ratio Lower Upper
42 100
74 101.2 84.2 126.4
44 6.8 4.9 7.3

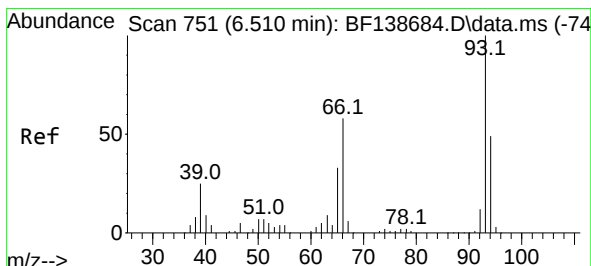
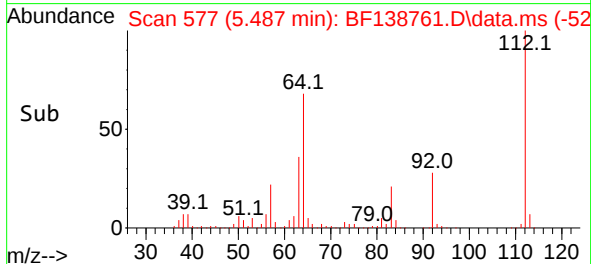
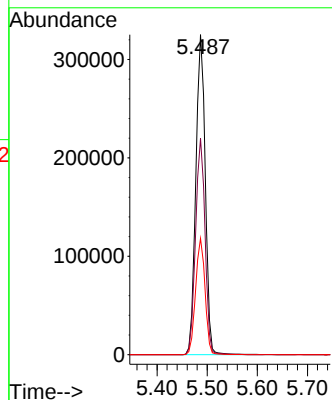
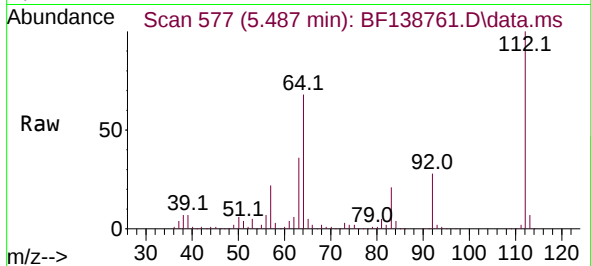




#5
2-Fluorophenol
Concen: 102.086 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

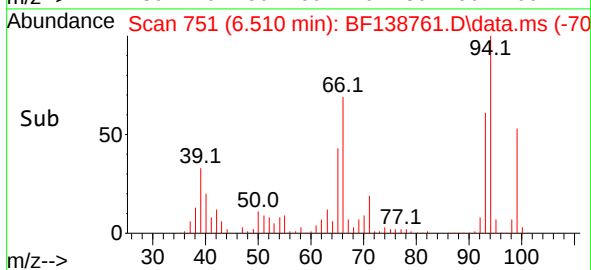
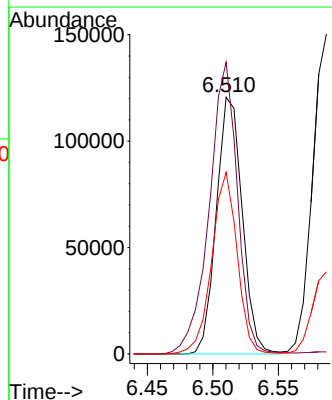
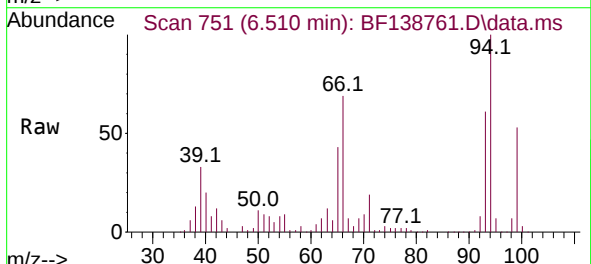
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:112 Resp: 425663
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 36.4 28.7 43.1



#6
Aniline
Concen: 33.194 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion: 93 Resp: 165725
Ion Ratio Lower Upper
93 100
66 113.6 46.9 70.3#
65 70.7 26.5 39.7#





#7

Phenol-d6

Concen: 114.537 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

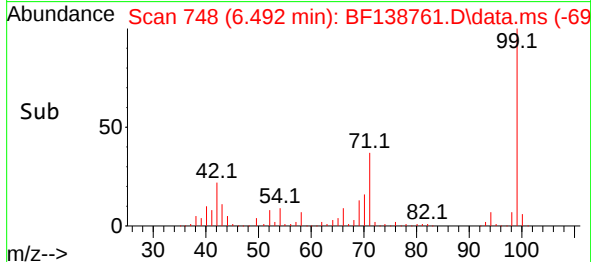
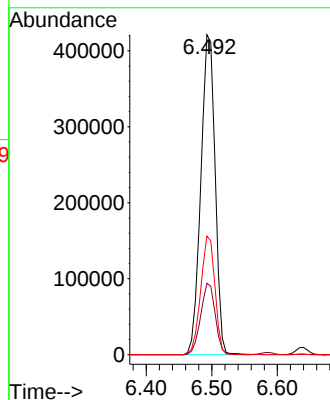
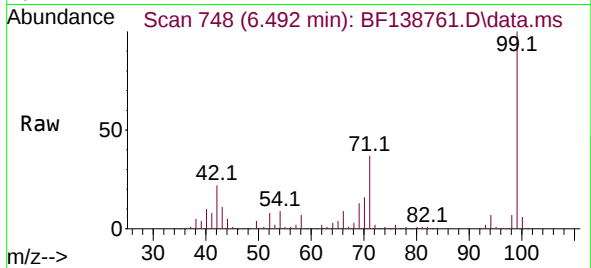
Tgt Ion: 99 Resp: 641202

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 37.0 28.1 42.1



#8

2-Chlorophenol

Concen: 46.412 ng

RT: 6.640 min Scan# 773

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

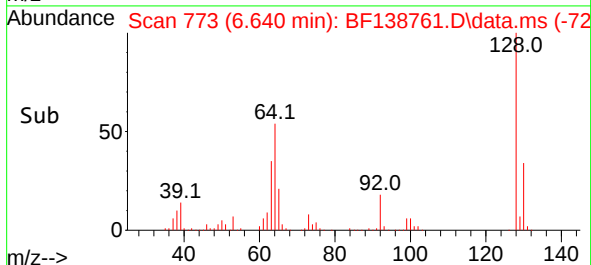
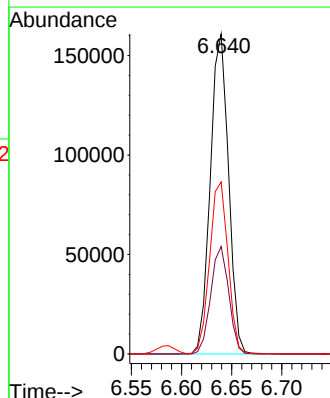
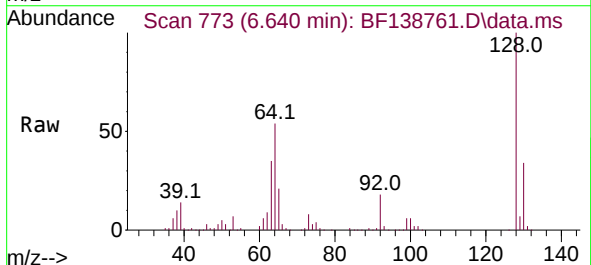
Tgt Ion:128 Resp: 203607

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 53.8 36.3 76.3

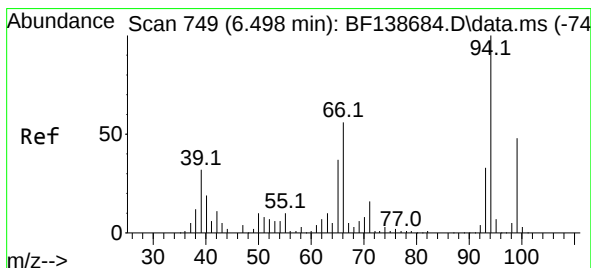
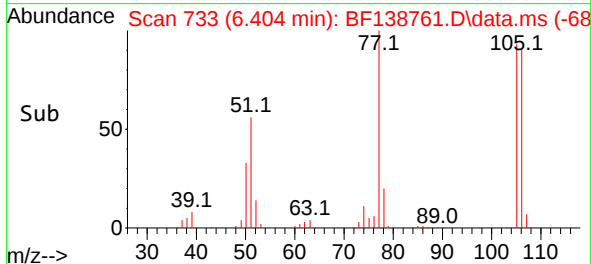
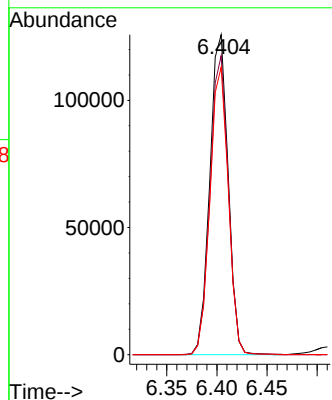
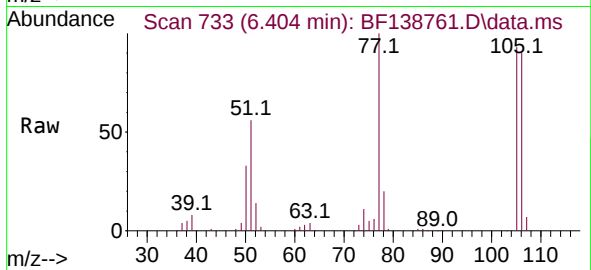




#9
Benzaldehyde
Concen: 47.671 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

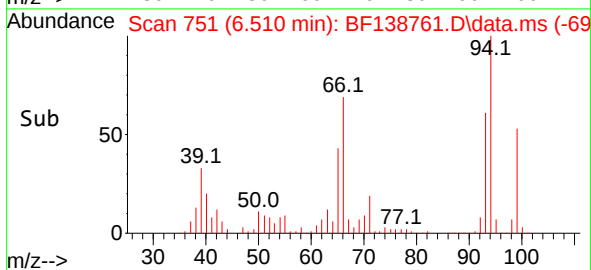
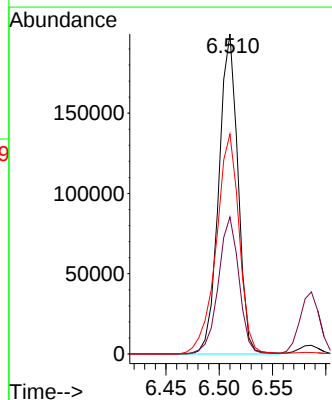
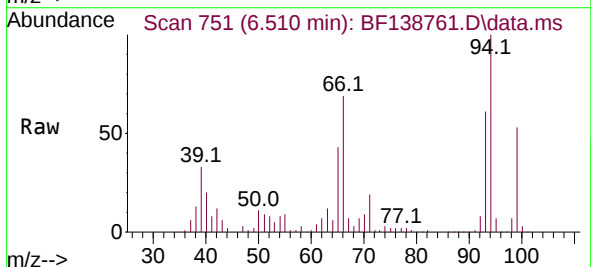
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion: 77 Resp: 159975
Ion Ratio Lower Upper
77 100
105 93.4 72.9 112.9
106 89.9 68.4 108.4



#10
Phenol
Concen: 42.127 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion: 94 Resp: 248308
Ion Ratio Lower Upper
94 100
65 42.8 16.9 56.9
66 68.8 36.5 76.5

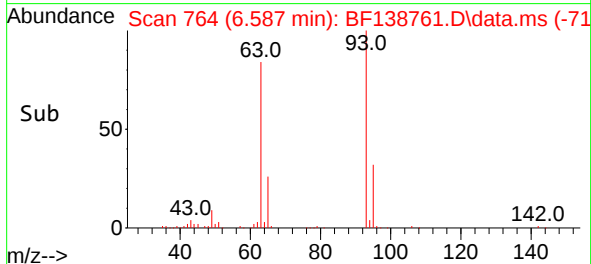
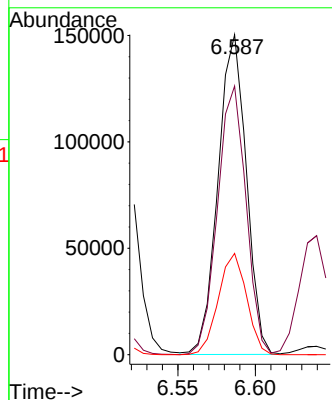
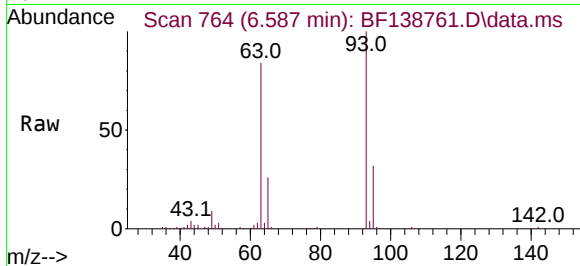




#11
bis(2-Chloroethyl)ether
Concen: 42.067 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

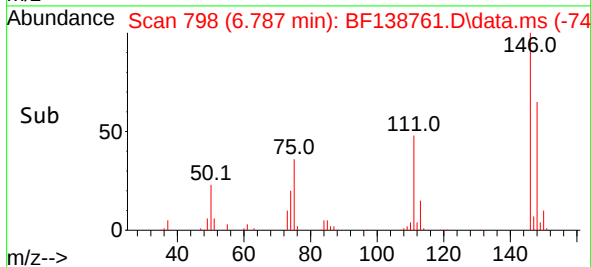
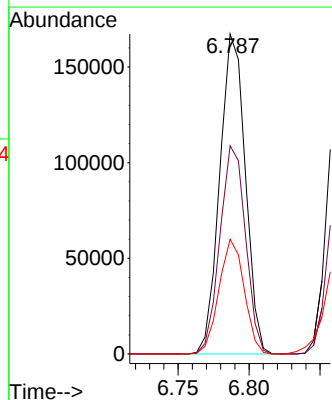
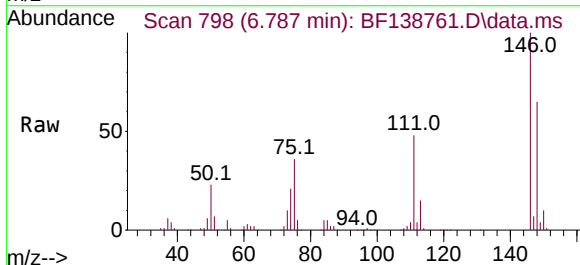
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion: 93 Resp: 190807
Ion Ratio Lower Upper
93 100
63 84.0 65.3 105.3
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.639 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:146 Resp: 209385
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 35.9 27.4 41.2

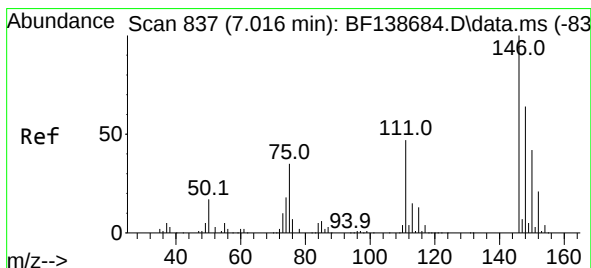
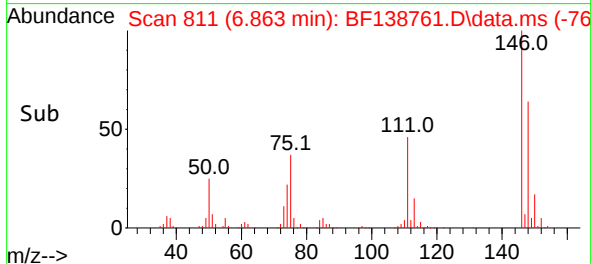
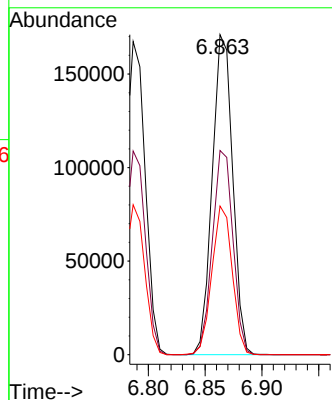
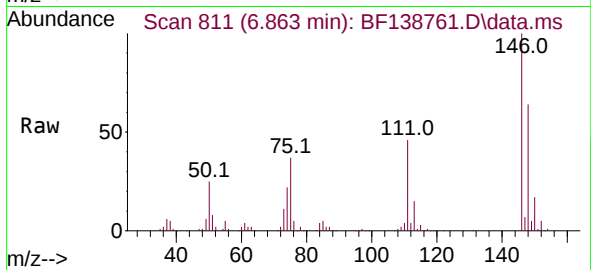




#13
1,4-Dichlorobenzene
Concen: 43.267 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

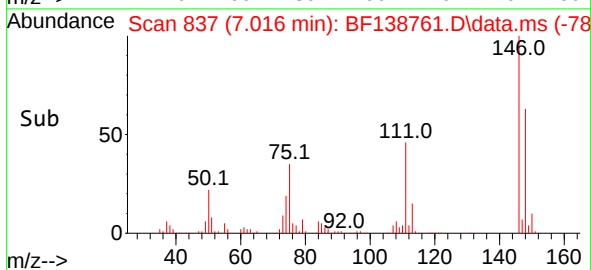
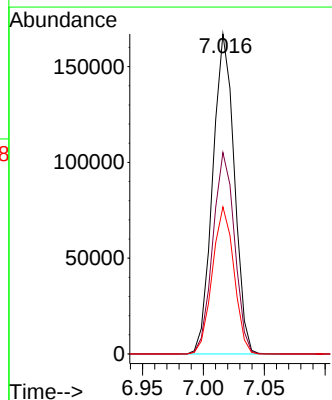
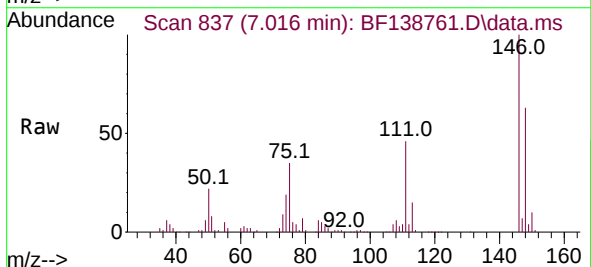
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:146 Resp: 214419
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 46.5 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 44.516 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:146 Resp: 206176
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 45.9 37.4 56.2

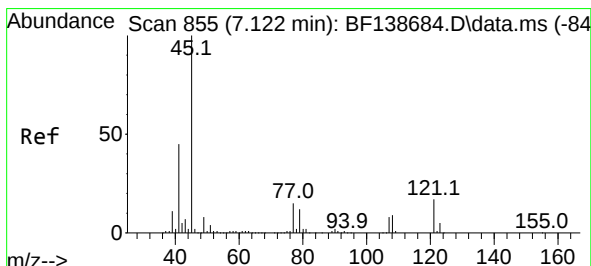
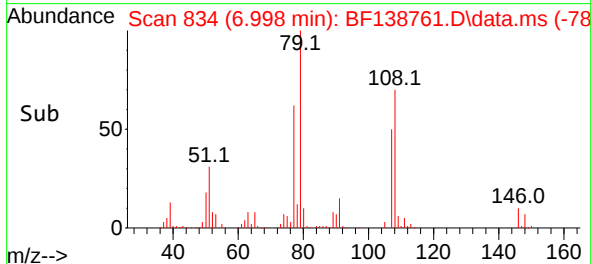
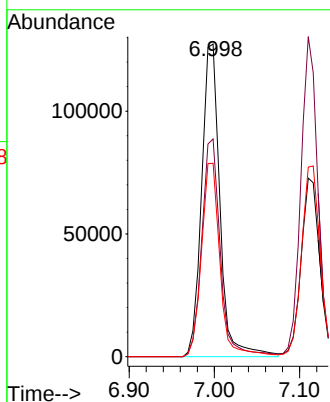
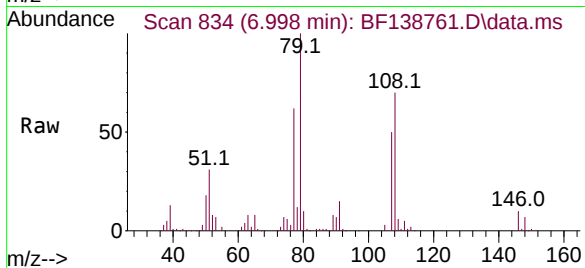




#15
Benzyl Alcohol
Concen: 47.256 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

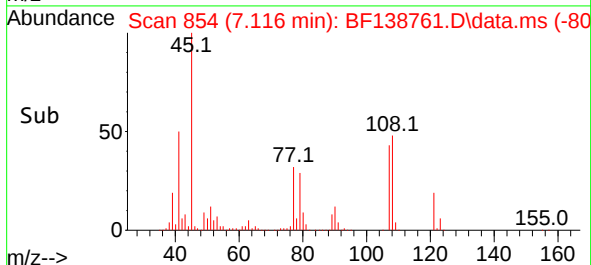
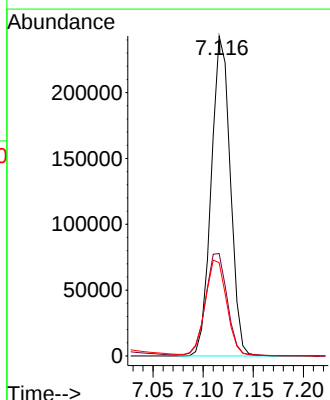
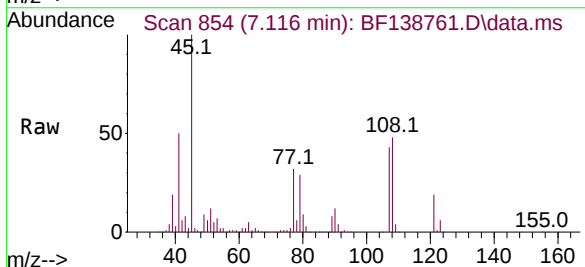
Instrument :
BNA_F
ClientSampleId :
PB162460BS

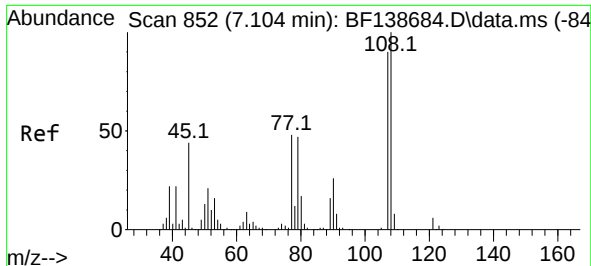
Tgt Ion: 79 Resp: 190671
Ion Ratio Lower Upper
79 100
108 69.6 56.6 85.0
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.092 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion: 45 Resp: 320763
Ion Ratio Lower Upper
45 100
77 32.0 0.0 34.9
79 29.2 0.0 32.2

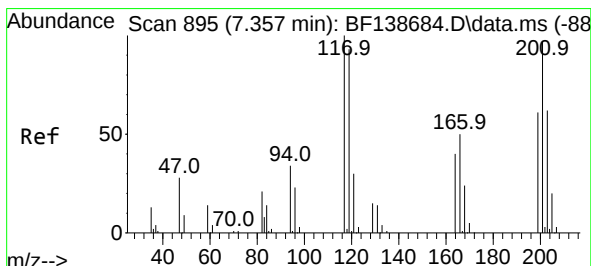
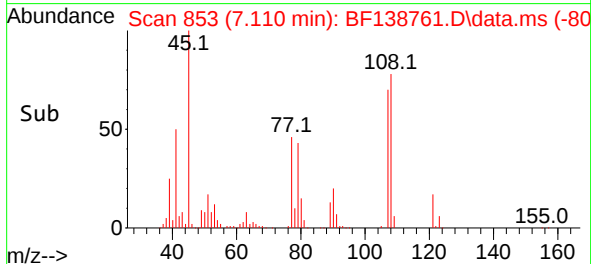
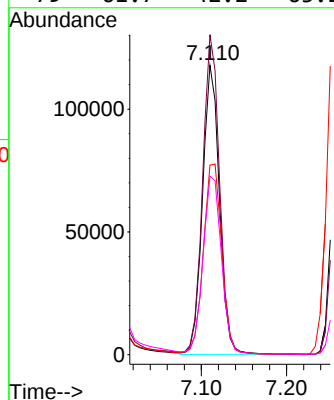
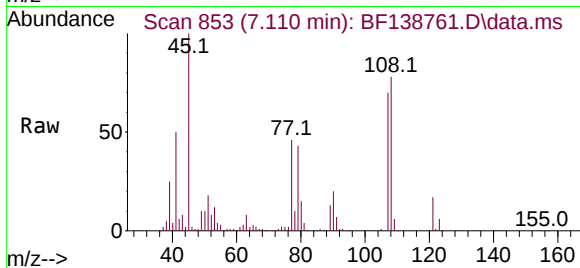




#17
2-Methylphenol
Concen: 44.852 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

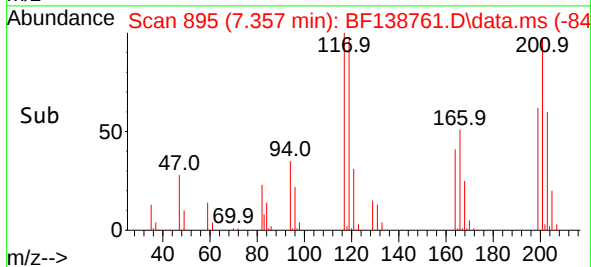
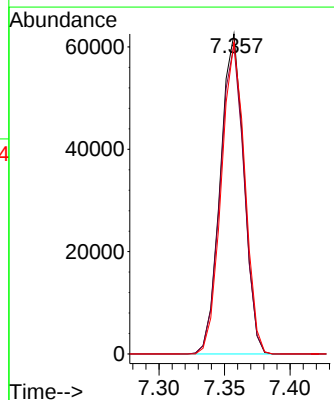
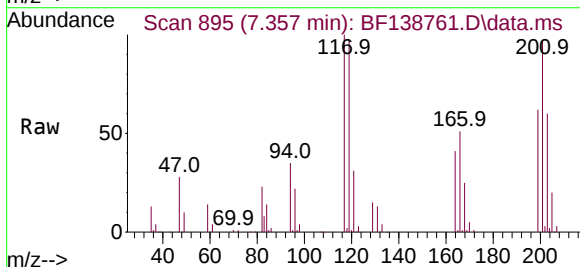
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:	107	Resp:	162477
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.2	133.8
77	65.5	43.0	64.4#
79	61.7	42.2	63.2



#18
Hexachloroethane
Concen: 41.811 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:	117	Resp:	77997
Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.6	111.8
201	97.3	77.2	115.8

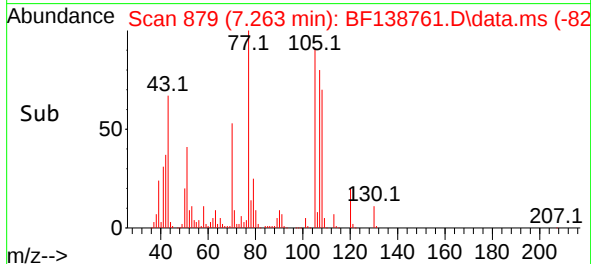
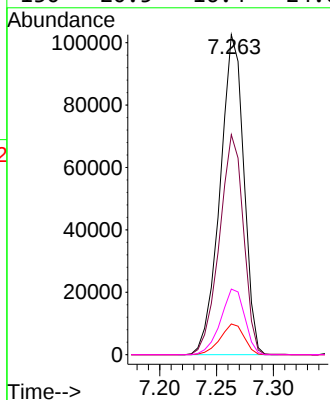
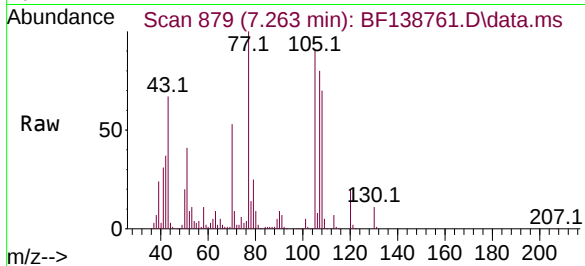




#19
n-Nitroso-di-n-propylamine
Concen: 44.053 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

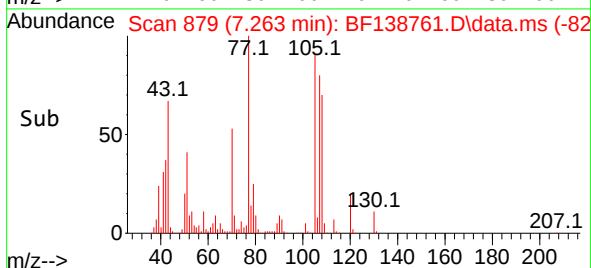
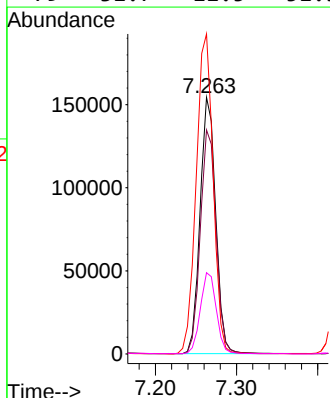
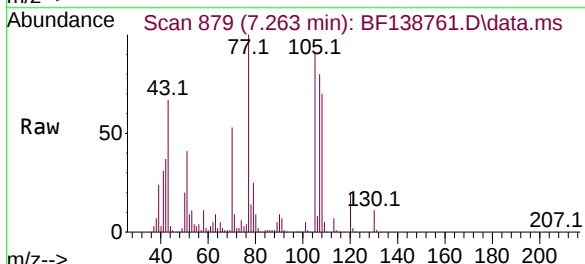
Instrument :
BNA_F
ClientSampleId :
PB162460BS

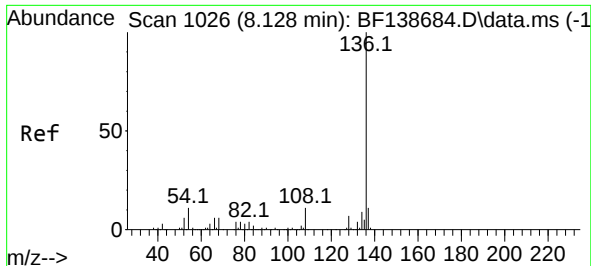
Tgt Ion: 70 Resp: 148951
Ion Ratio Lower Upper
70 100
42 68.8 57.4 86.0
101 9.6 7.5 11.3
130 20.5 16.4 24.6



#20
3+4-Methylphenols
Concen: 44.206 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

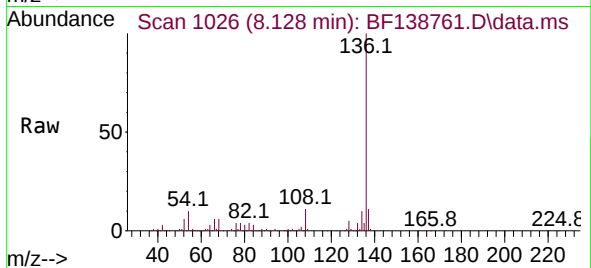
Tgt Ion: 107 Resp: 205461
Ion Ratio Lower Upper
107 100
108 87.3 68.2 108.2
77 124.7 132.1 172.1#
79 31.7 11.5 51.5





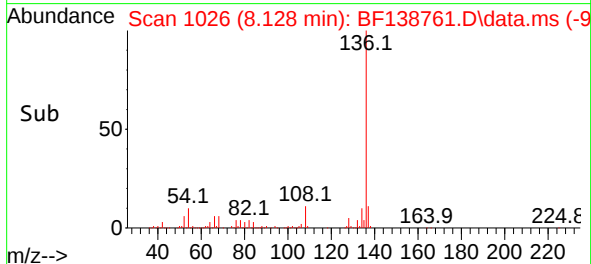
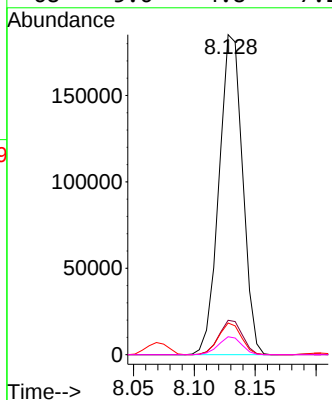
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB162460BS



Tgt Ion:136 Resp: 249170

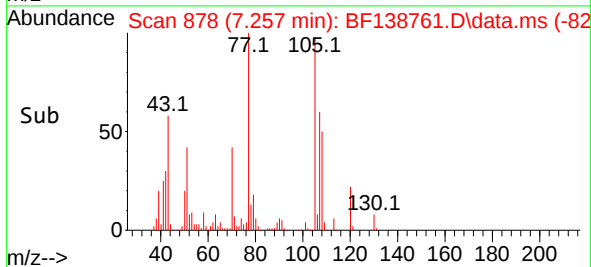
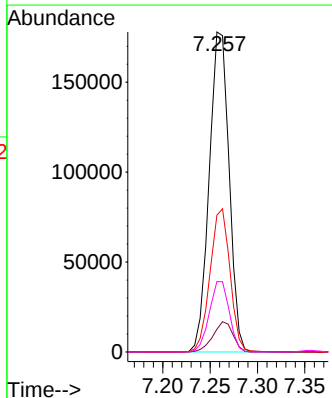
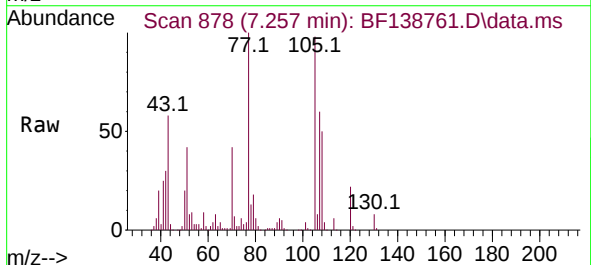
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	8.6	12.8
68	5.6	4.8	7.2



#22
Acetophenone
Concen: 42.567 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:105 Resp: 259695

Ion	Ratio	Lower	Upper
105	100		
71	7.1	7.2	10.8#
51	42.8	35.9	53.9
120	22.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 85.788 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

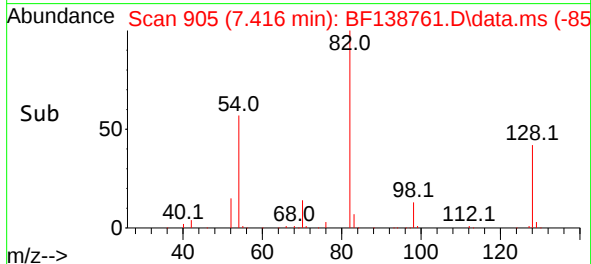
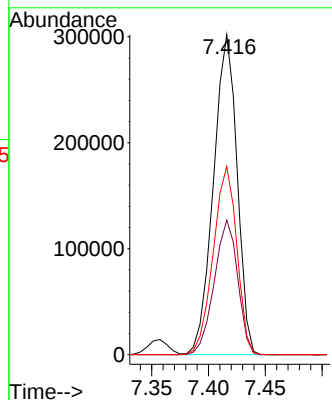
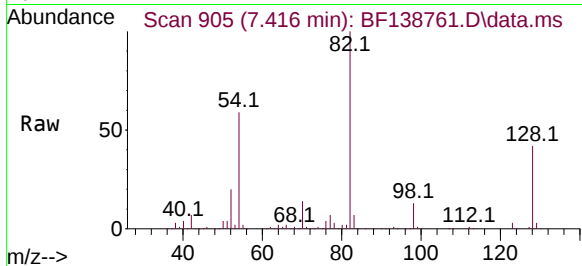
Tgt Ion: 82 Resp: 437212

Ion Ratio Lower Upper

82 100

128 42.0 32.8 49.2

54 58.7 48.3 72.5



#24

Nitrobenzene

Concen: 44.529 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

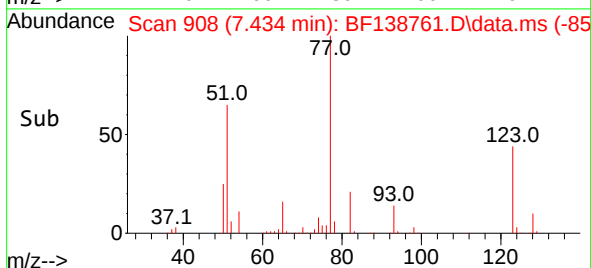
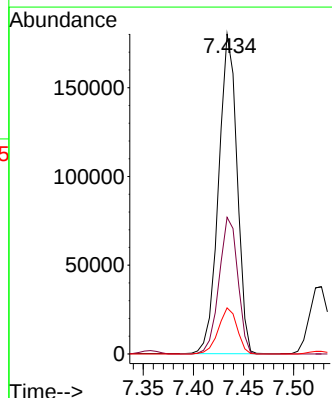
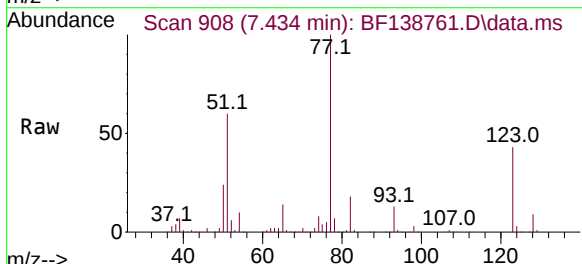
Tgt Ion: 77 Resp: 230925

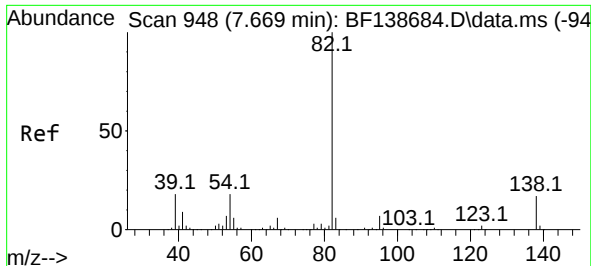
Ion Ratio Lower Upper

77 100

123 42.7 33.3 49.9

65 14.4 11.9 17.9

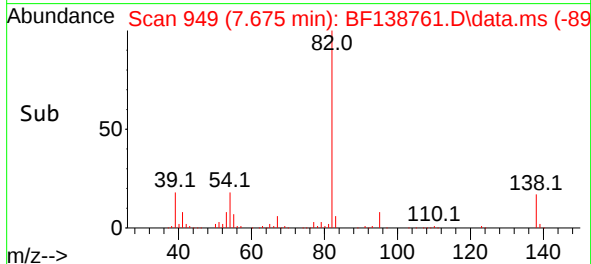
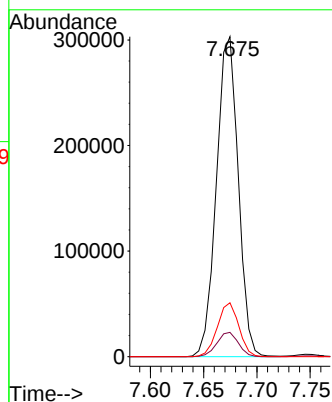
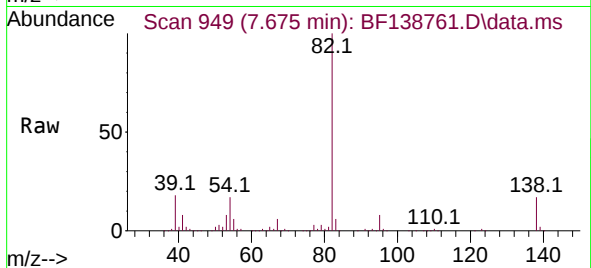




#25
Isophorone
Concen: 49.616 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

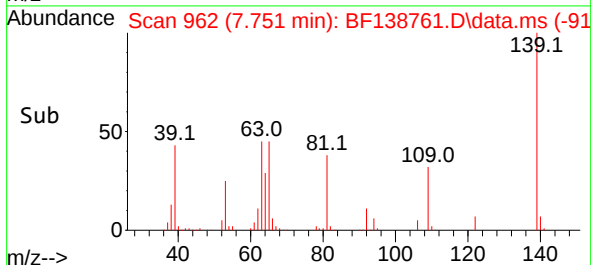
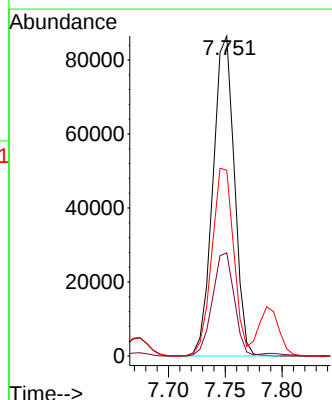
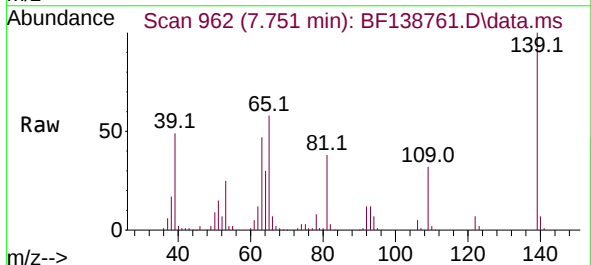
Instrument :
BNA_F
ClientSampleId :
PB162460BS

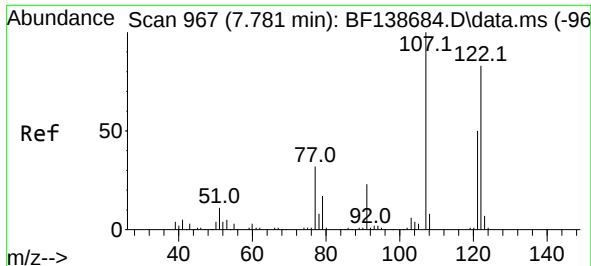
Tgt Ion: 82 Resp: 431772
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 16.8 13.7 20.5



#26
2-Nitrophenol
Concen: 50.902 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:139 Resp: 113571
Ion Ratio Lower Upper
139 100
109 32.2 25.9 38.9
65 58.1 47.0 70.6

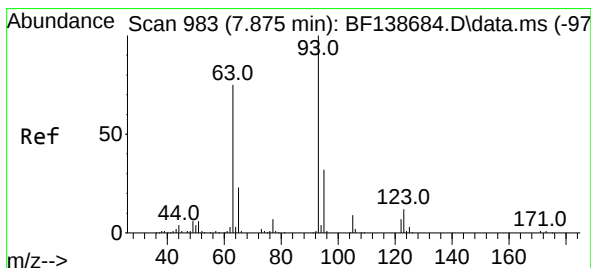
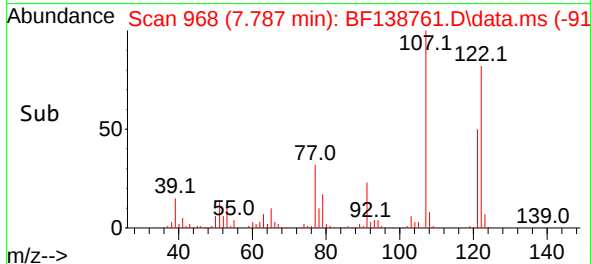
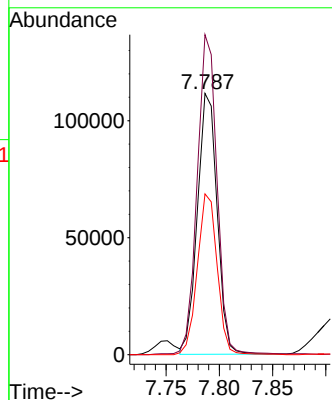
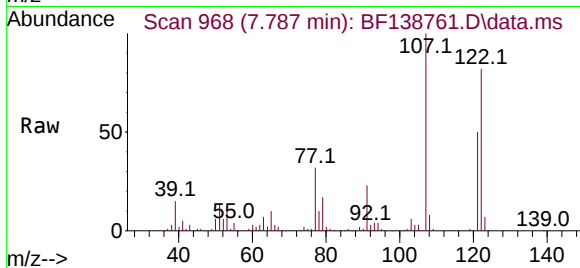




#27
2,4-Dimethylphenol
Concen: 54.078 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

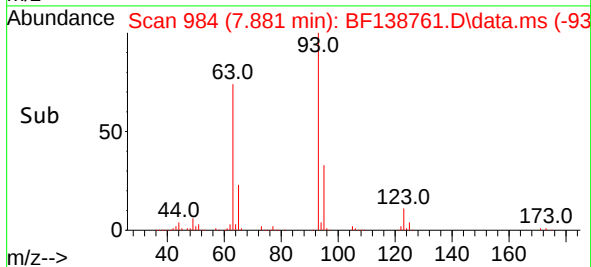
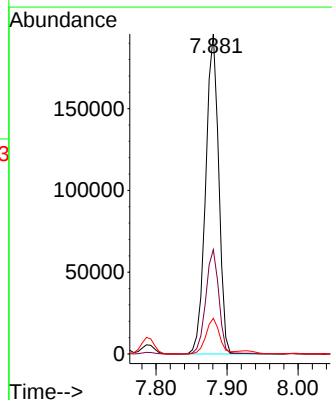
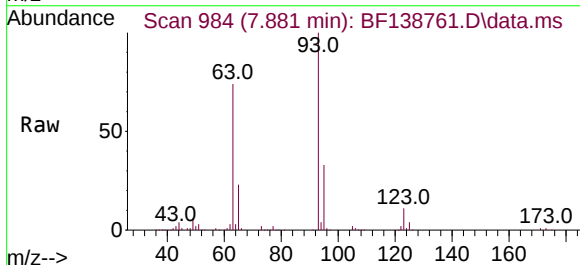
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:122 Resp: 144361
Ion Ratio Lower Upper
122 100
107 122.5 95.0 142.6
121 61.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.334 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion: 93 Resp: 250845
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.439 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

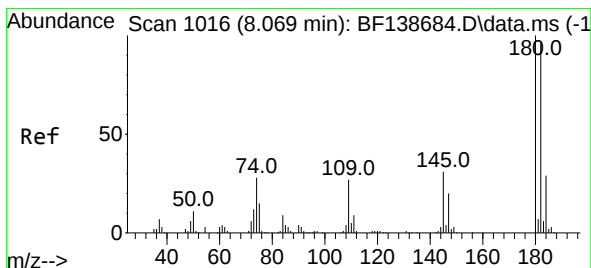
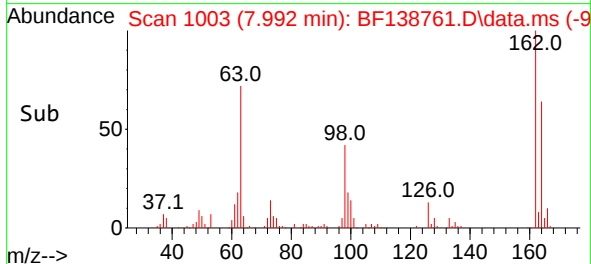
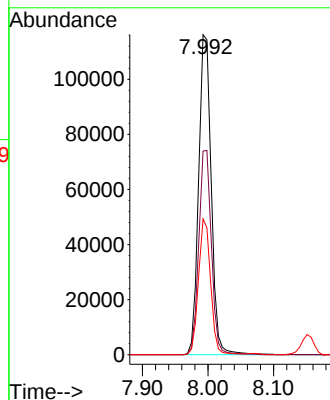
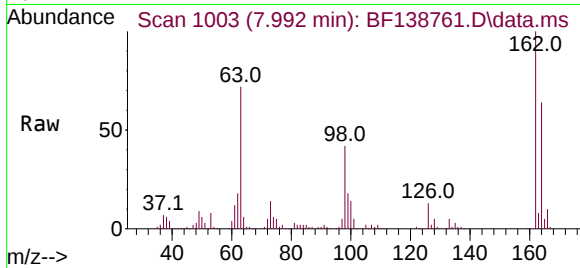
Tgt Ion:162 Resp: 155868

Ion Ratio Lower Upper

162 100

164 63.7 44.7 84.7

98 42.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.693 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

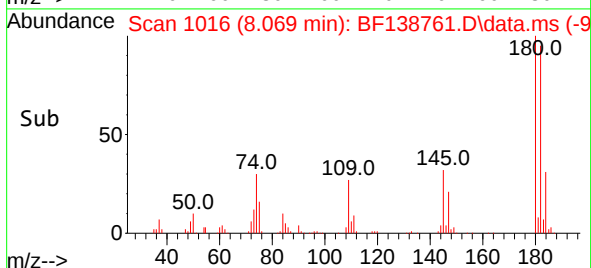
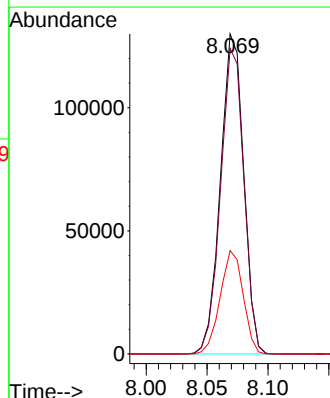
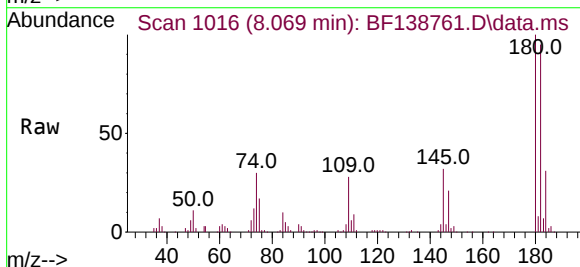
Tgt Ion:180 Resp: 172963

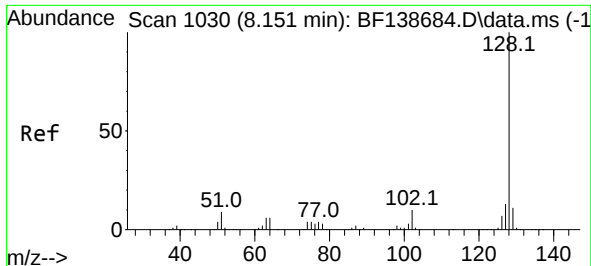
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

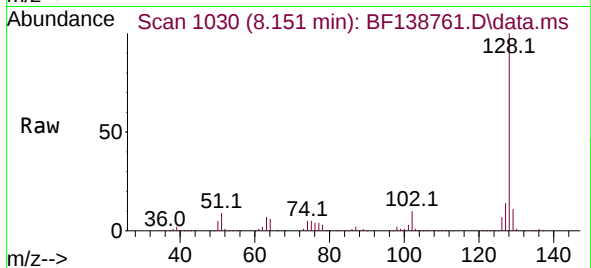
145 32.3 25.0 37.4



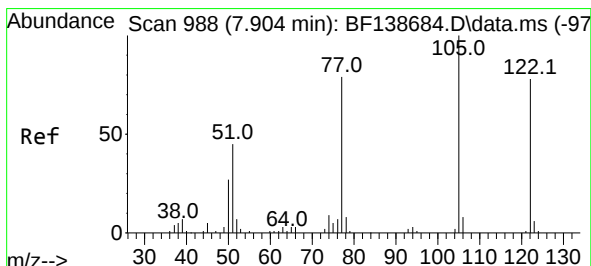
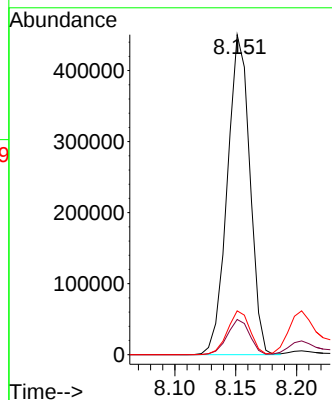
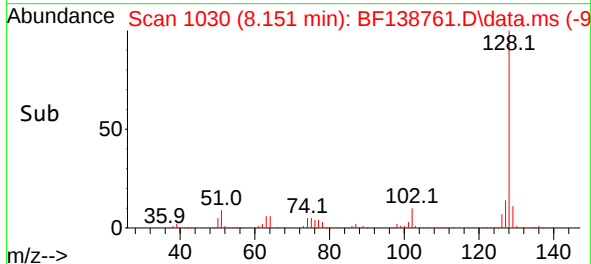


#31
Naphthalene
Concen: 44.314 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

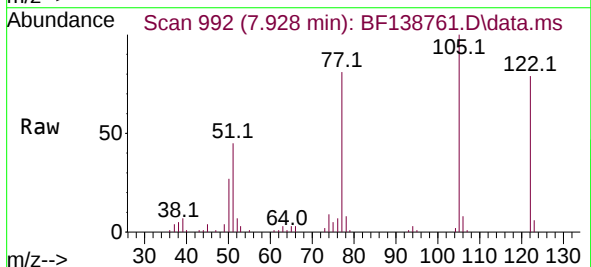
Instrument :
BNA_F
ClientSampleId :
PB162460BS



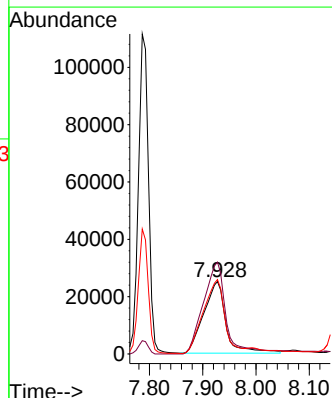
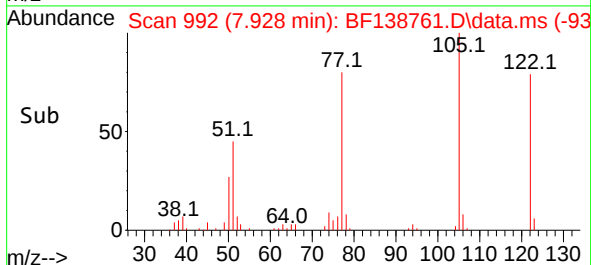
Tgt Ion:128 Resp: 581200
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 34.698 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28



Tgt Ion:122 Resp: 72812
Ion Ratio Lower Upper
122 100
105 126.7 106.7 146.7
77 102.6 81.1 121.1





#33

4-Chloroaniline

Concen: 28.429 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

Tgt Ion:127 Resp: 125161

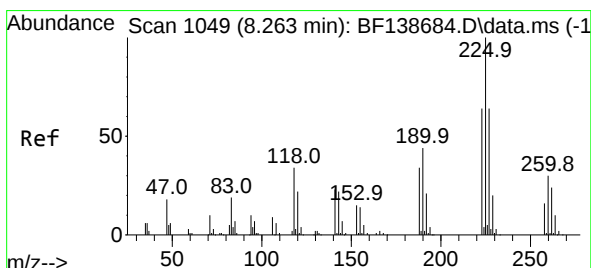
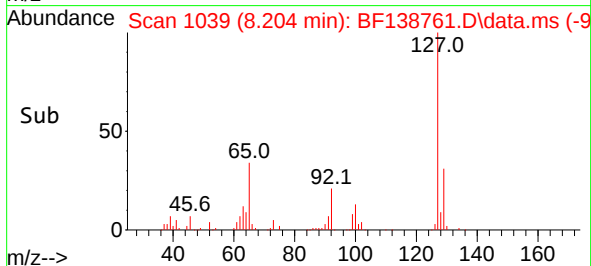
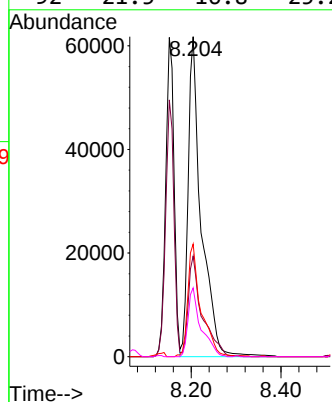
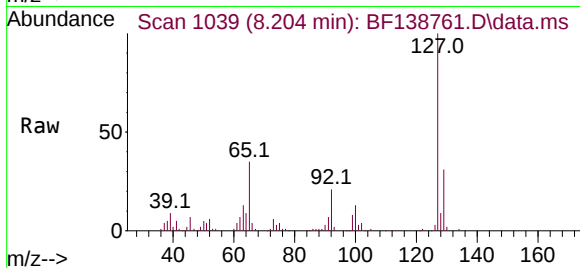
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 35.2 27.6 41.4

92 21.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.435 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

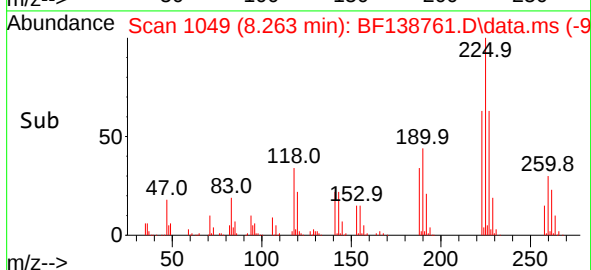
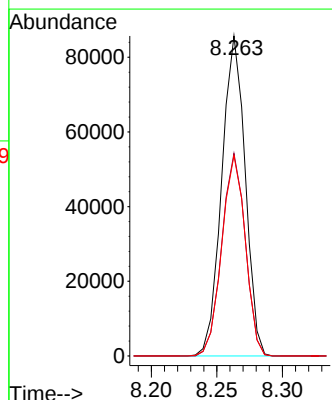
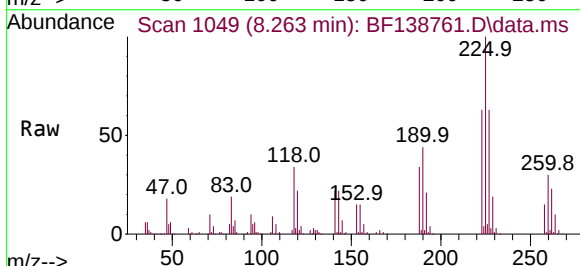
Tgt Ion:225 Resp: 106543

Ion Ratio Lower Upper

225 100

223 63.3 51.2 76.8

227 62.6 51.1 76.7

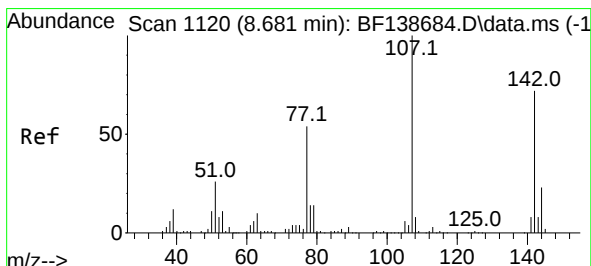
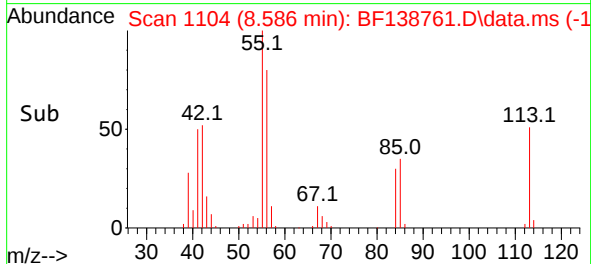
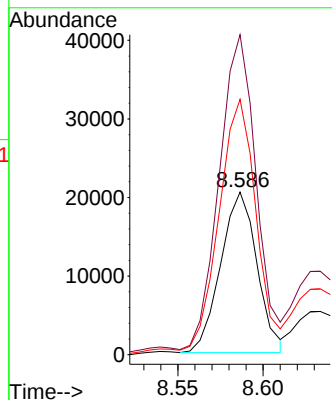
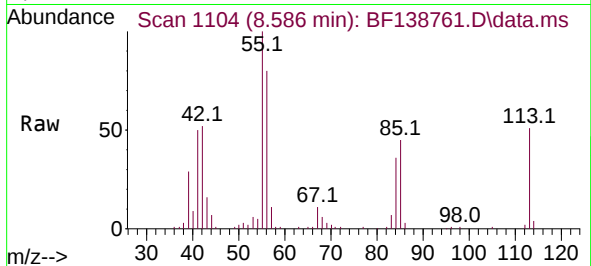




#35
 Caprolactam
 Concen: 29.581 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. 0.018 min
 Lab File: BF138761.D
 Acq: 03 Aug 2024 10:28

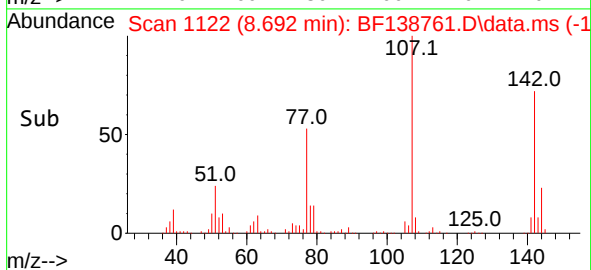
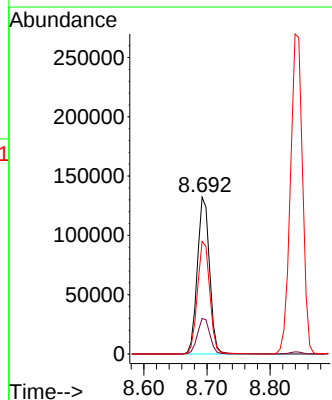
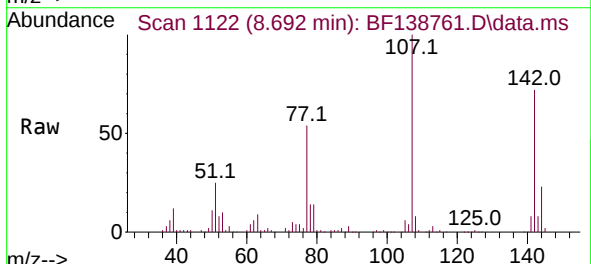
Instrument :
 BNA_F
 ClientSampleId :
 PB162460BS

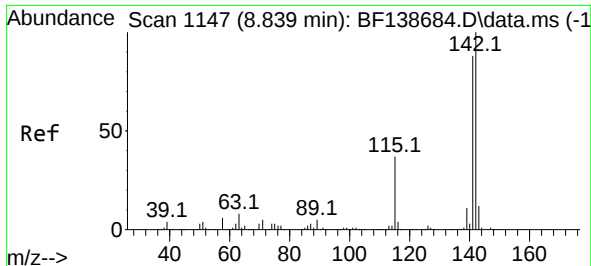
Tgt Ion:113 Resp: 30278
 Ion Ratio Lower Upper
 113 100
 55 196.8 186.7 226.7
 56 157.1 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.292 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138761.D
 Acq: 03 Aug 2024 10:28

Tgt Ion:107 Resp: 177560
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.2 27.2
 142 71.7 57.4 86.2





#37

2-Methylnaphthalene

Concen: 43.294 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

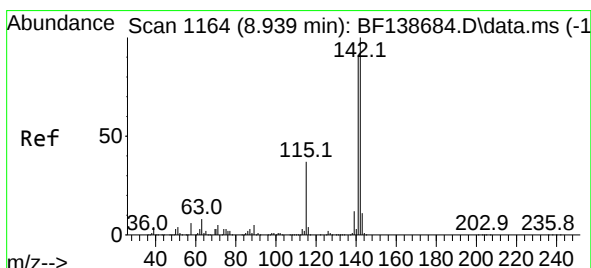
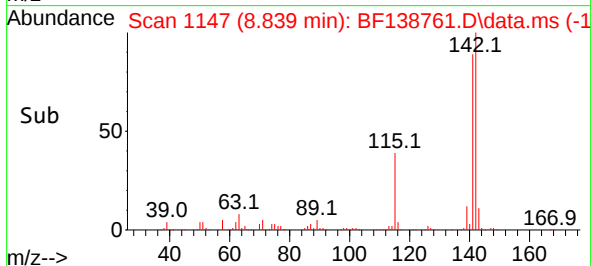
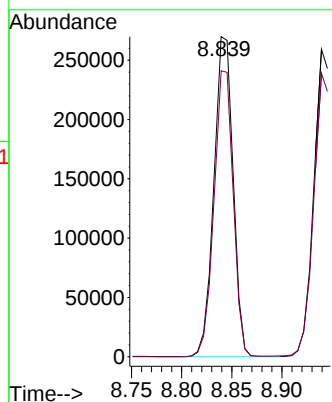
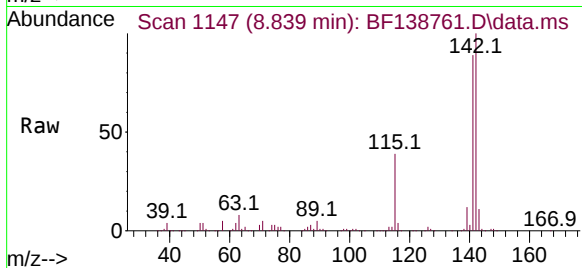
PB162460BS

Tgt Ion:142 Resp: 358609

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.436 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138761.D

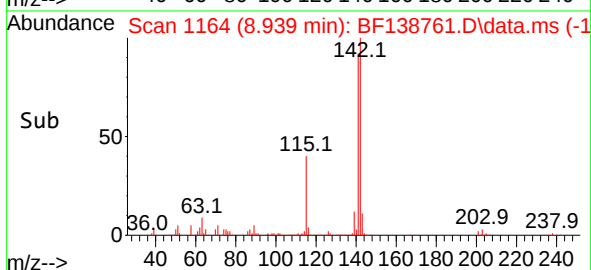
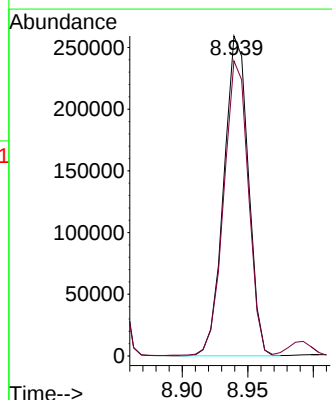
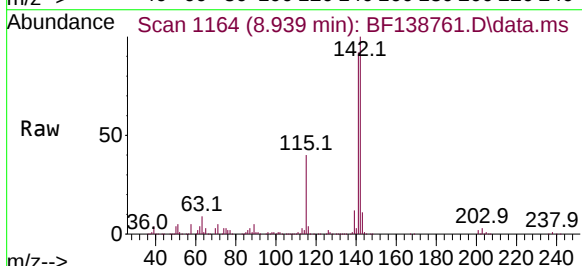
Acq: 03 Aug 2024 10:28

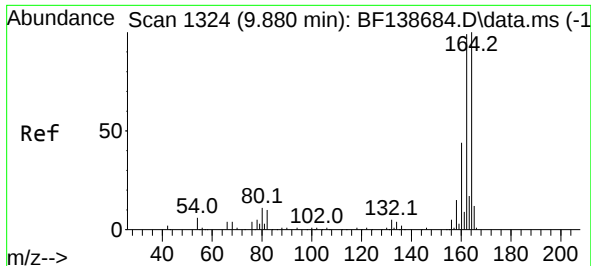
Tgt Ion:142 Resp: 336322

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7

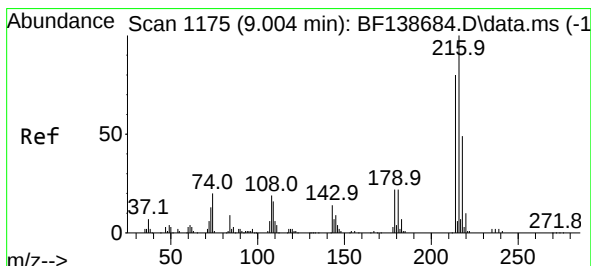
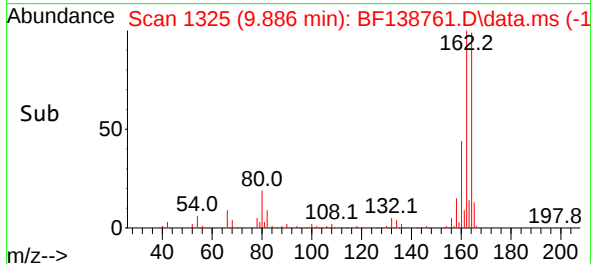
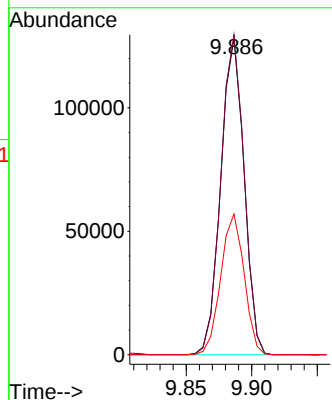
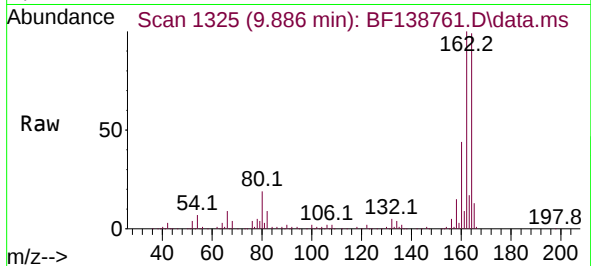




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

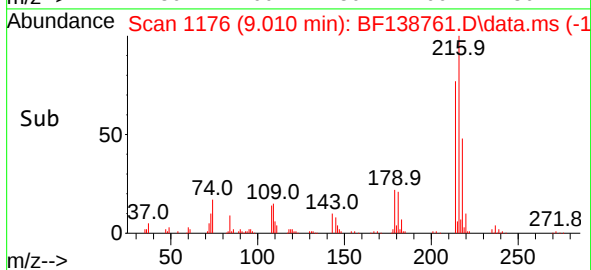
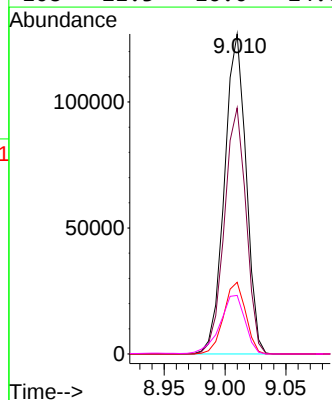
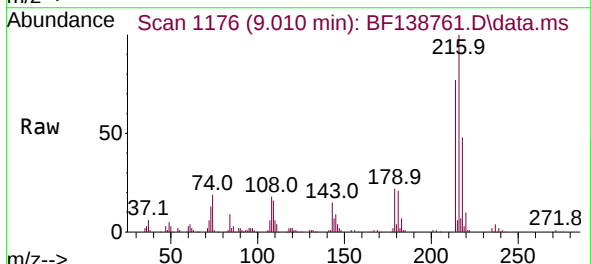
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:164 Resp: 158082
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.850 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

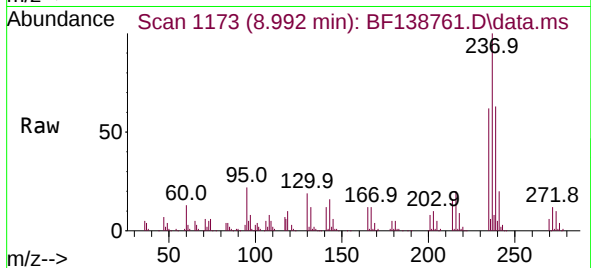
Tgt Ion:216 Resp: 157430
Ion Ratio Lower Upper
216 100
214 77.0 63.9 95.9
179 22.7 17.8 26.6
108 21.3 16.0 24.0



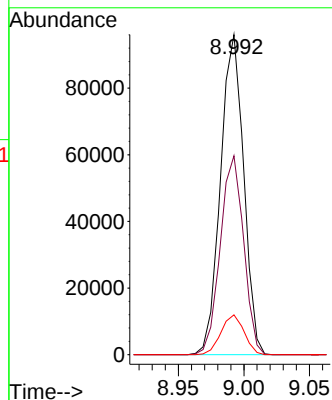
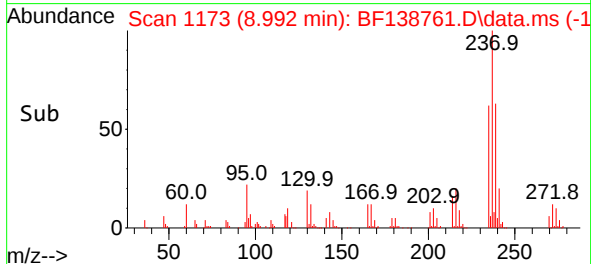


#41
Hexachlorocyclopentadiene
Concen: 99.458 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

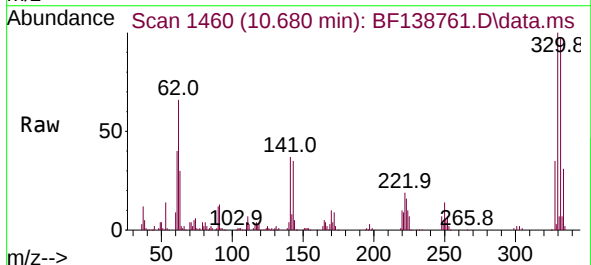
Instrument :
BNA_F
ClientSampleId :
PB162460BS



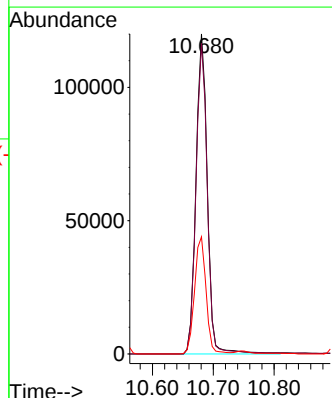
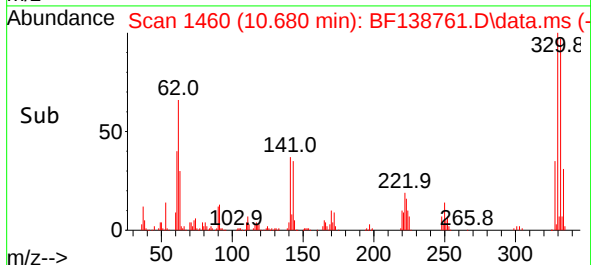
Tgt Ion:237 Resp: 117759
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 12.5 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 120.206 ng
RT: 10.680 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28



Tgt Ion:330 Resp: 155655
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 37.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 38.674 ng

RT: 9.128 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

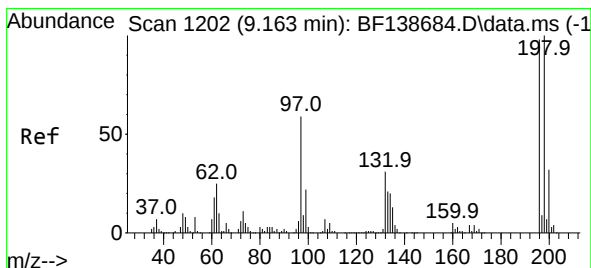
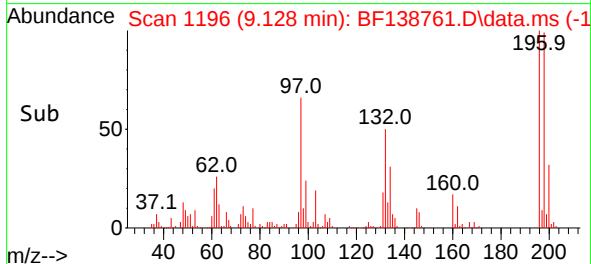
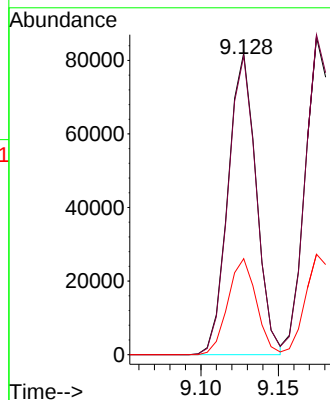
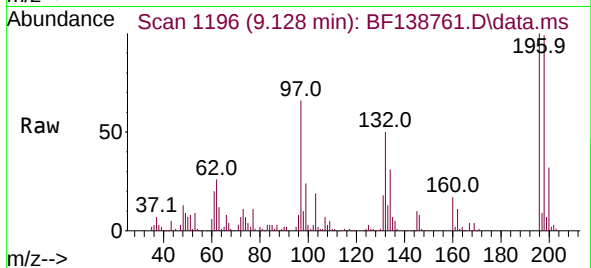
Tgt Ion:196 Resp: 103548

Ion Ratio Lower Upper

196 100

198 99.0 80.5 120.7

200 31.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 37.487 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Tgt Ion:196 Resp: 109725

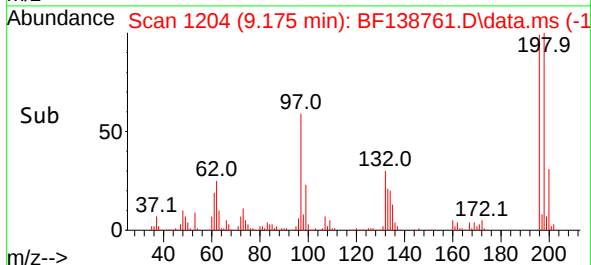
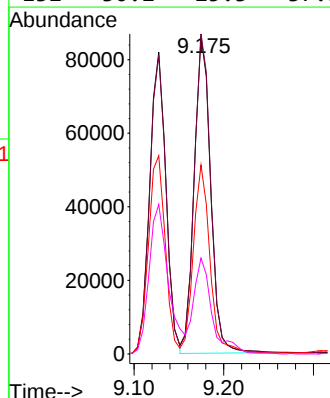
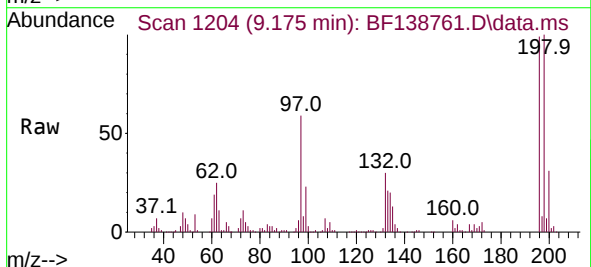
Ion Ratio Lower Upper

196 100

198 100.8 81.2 121.8

97 59.5 47.8 71.6

132 30.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 71.262 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

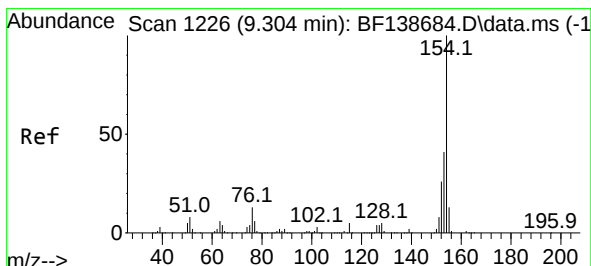
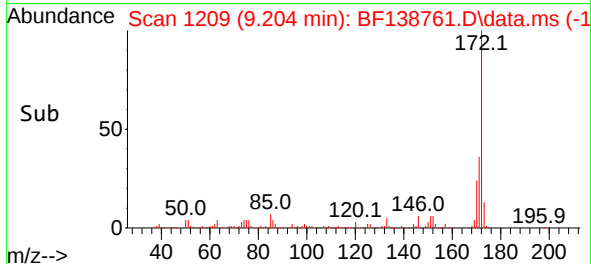
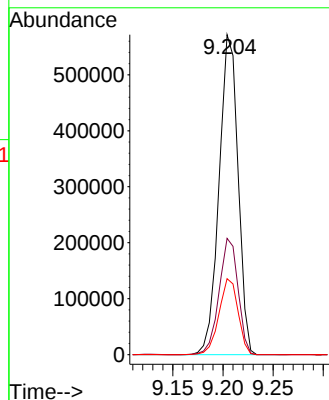
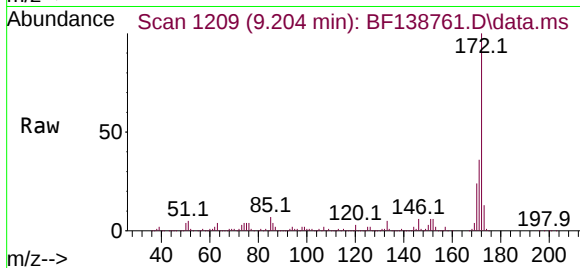
Tgt Ion:172 Resp: 749768

Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 35.097 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

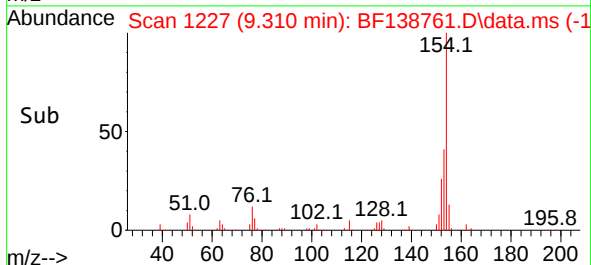
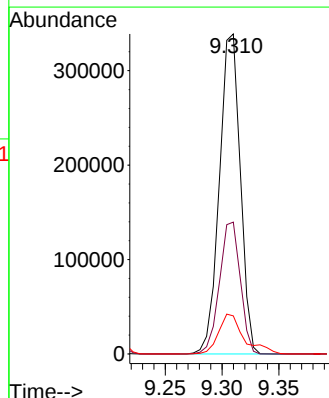
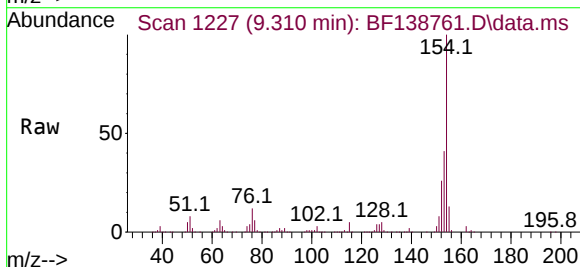
Tgt Ion:154 Resp: 434533

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.569 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

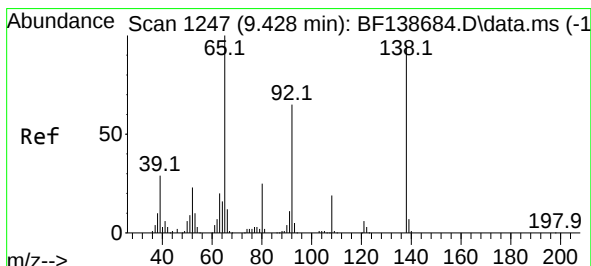
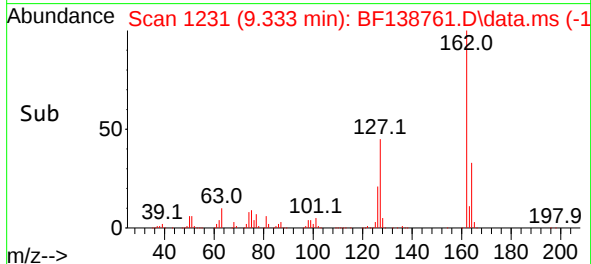
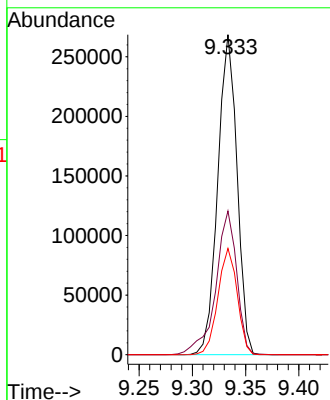
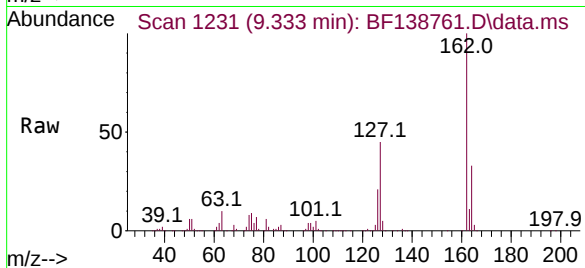
Tgt Ion:162 Resp: 336727

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 33.2 25.6 38.4



#48

2-Nitroaniline

Concen: 40.288 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

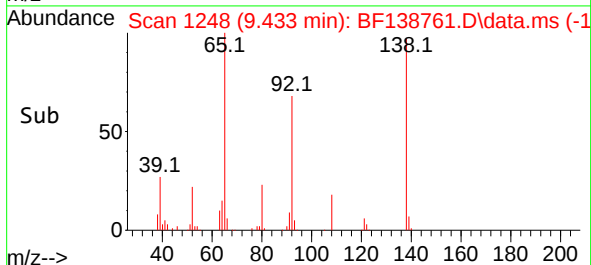
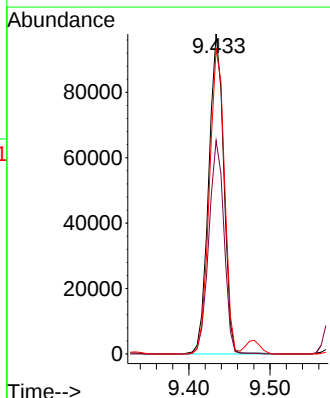
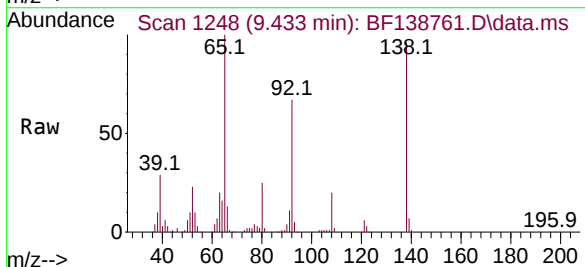
Tgt Ion: 65 Resp: 125764

Ion Ratio Lower Upper

65 100

92 66.7 52.0 78.0

138 95.5 76.2 114.4





#49

Acenaphthylene

Concen: 45.069 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

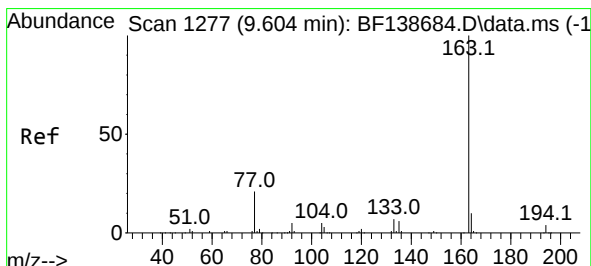
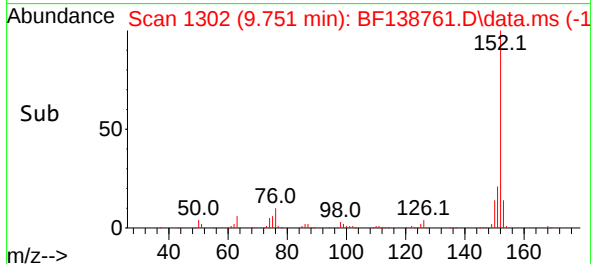
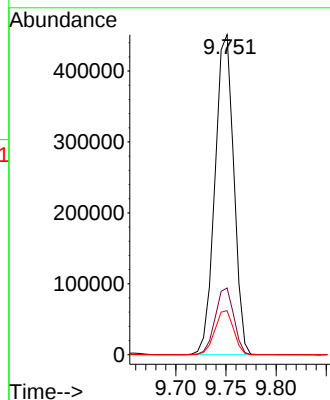
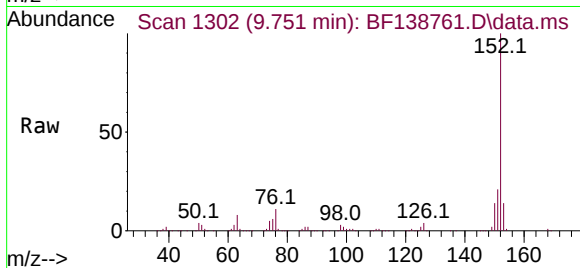
Tgt Ion:152 Resp: 588581

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 46.425 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

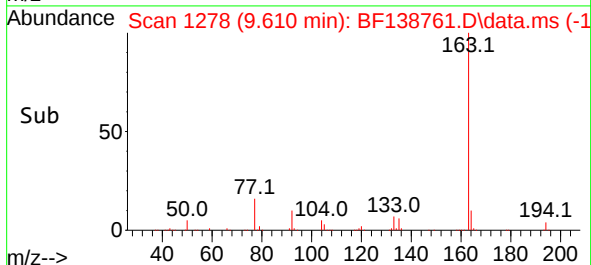
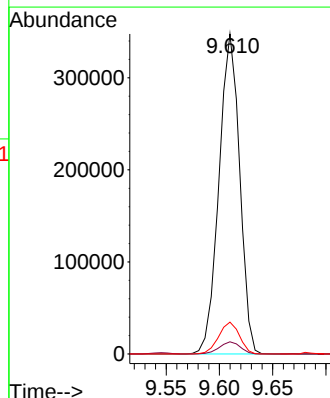
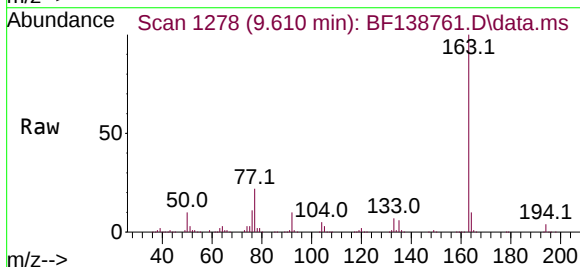
Tgt Ion:163 Resp: 469260

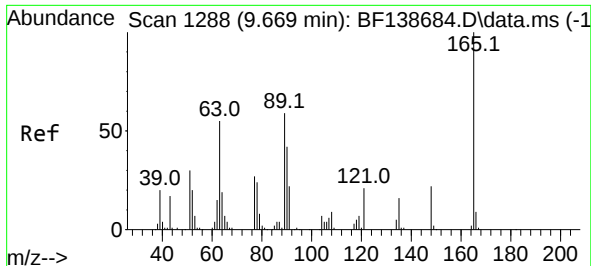
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 44.323 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

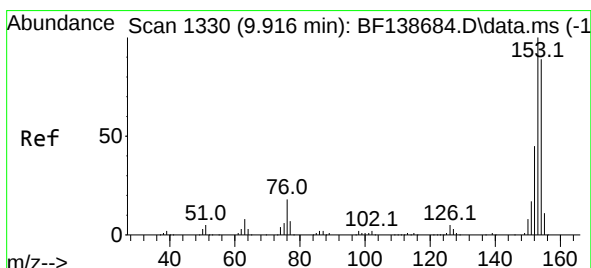
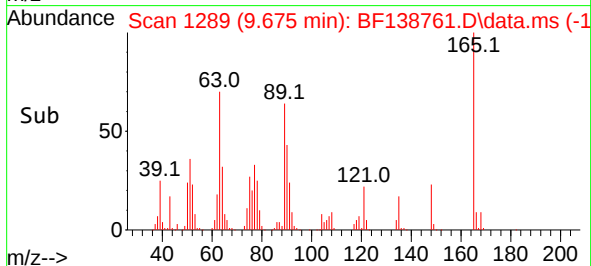
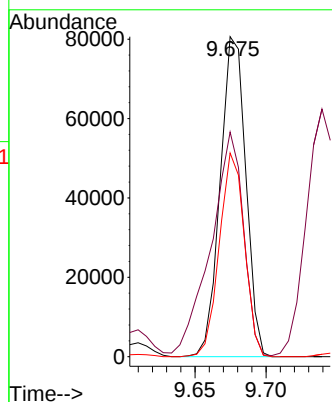
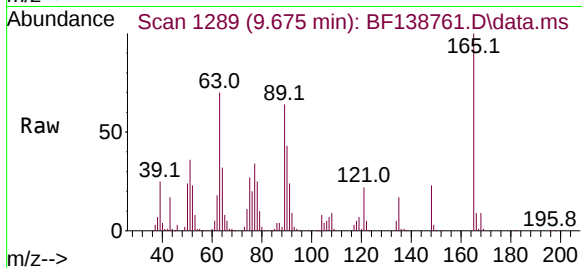
Tgt Ion:165 Resp: 101109

Ion Ratio Lower Upper

165 100

63 70.2 52.0 78.0

89 63.7 47.0 70.6



#52

Acenaphthene

Concen: 37.969 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

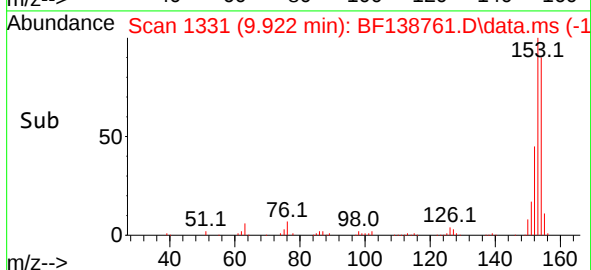
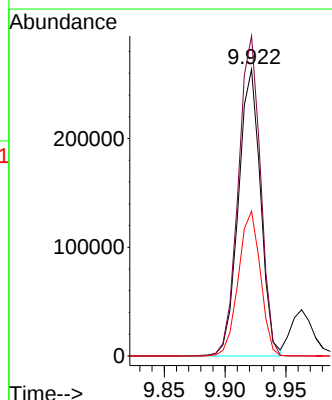
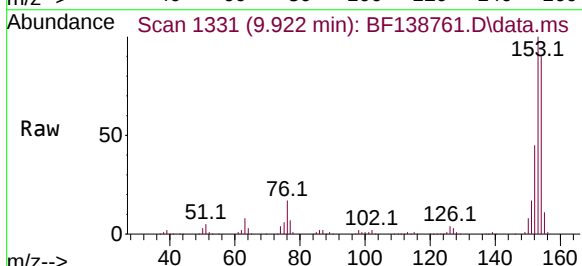
Tgt Ion:154 Resp: 333325

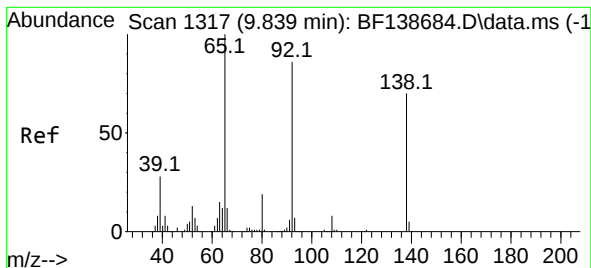
Ion Ratio Lower Upper

154 100

153 111.6 89.9 134.9

152 50.5 40.6 60.8





#53

3-Nitroaniline

Concen: 31.425 ng

RT: 9.845 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

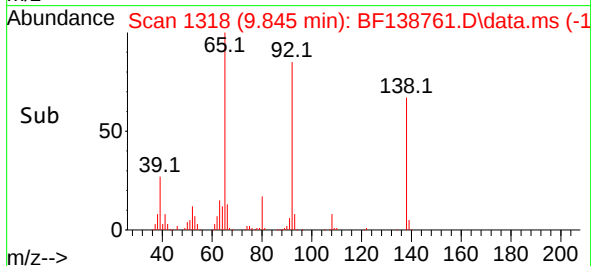
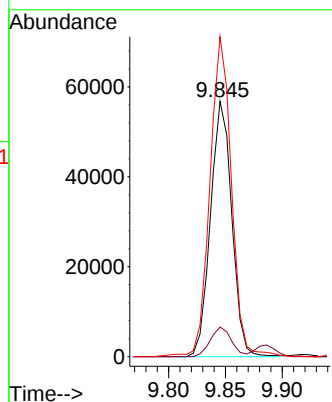
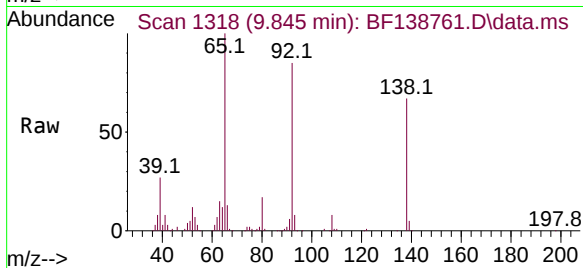
Tgt Ion:138 Resp: 74108

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

92 125.3 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 78.112 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

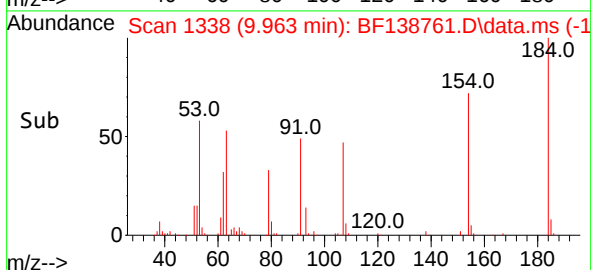
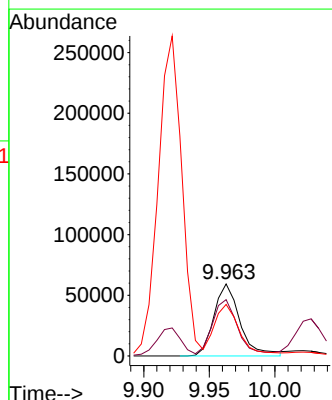
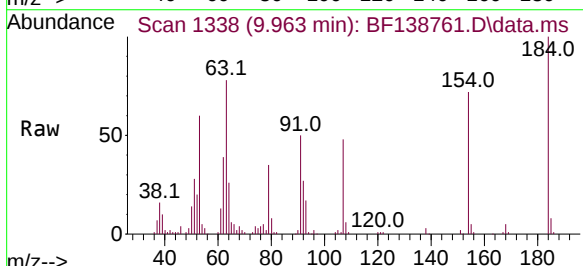
Tgt Ion:184 Resp: 82026

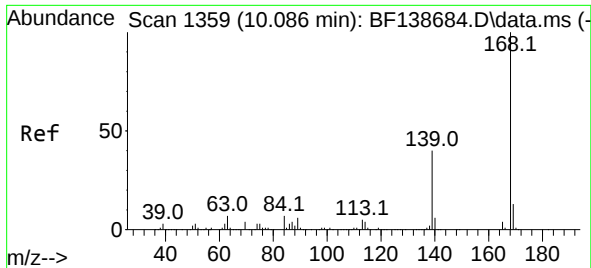
Ion Ratio Lower Upper

184 100

63 78.4 57.5 86.3

154 71.6 51.7 77.5

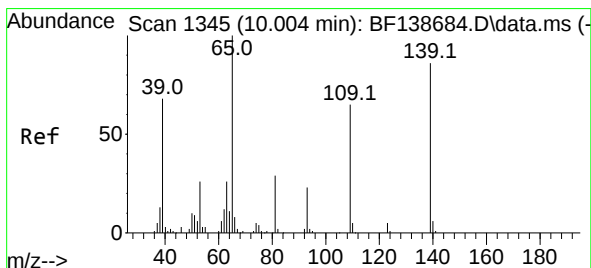
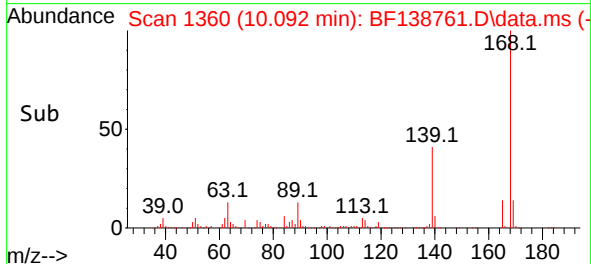
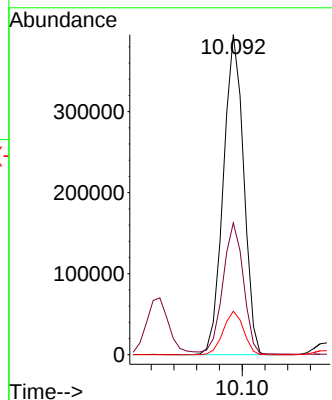
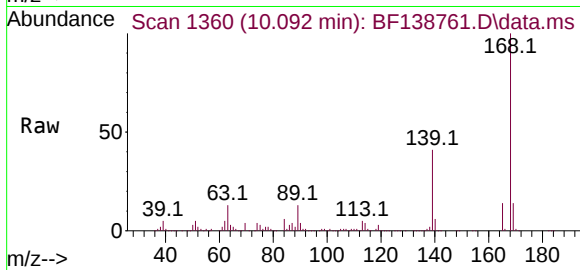




#55
Dibenzenofuran
Concen: 39.604 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

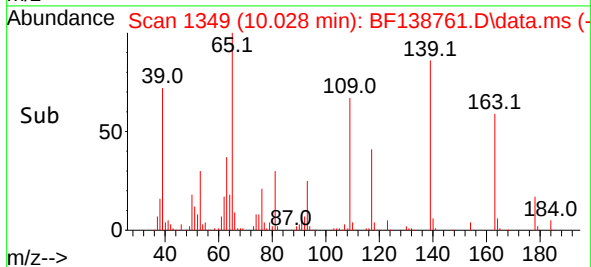
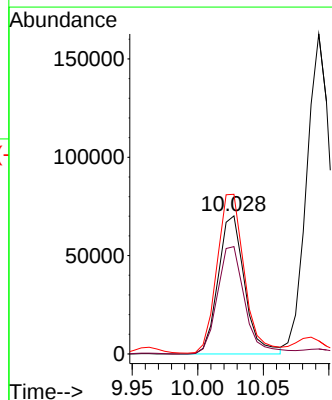
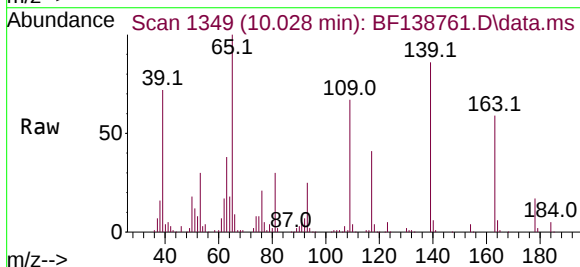
Instrument :
BNA_F
ClientSampleId :
PB162460BS

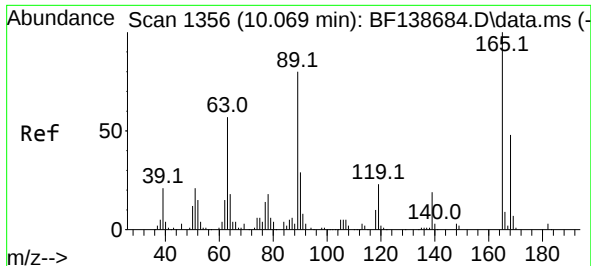
Tgt Ion:168 Resp: 490785
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 69.674 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:139 Resp: 98806
Ion Ratio Lower Upper
139 100
109 77.8 55.5 95.5
65 115.8 96.7 136.7

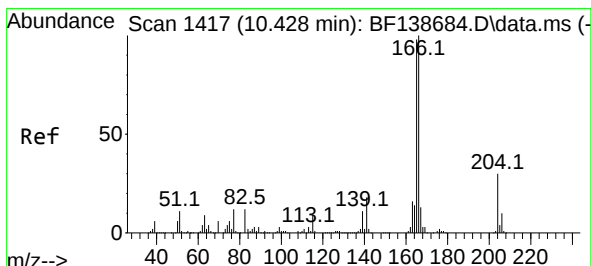
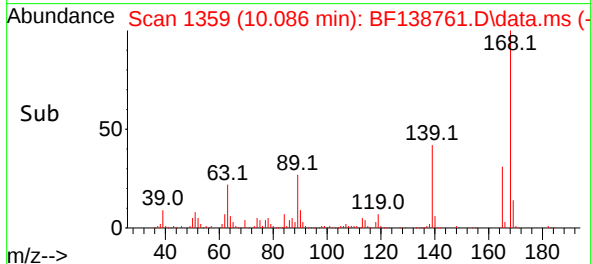
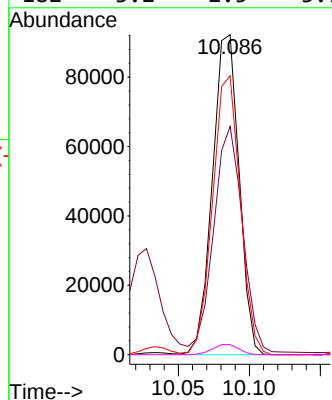
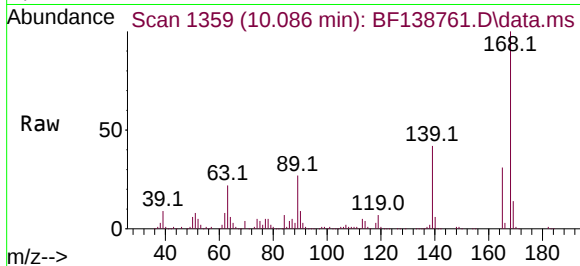




#57
2,4-Dinitrotoluene
Concen: 41.256 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

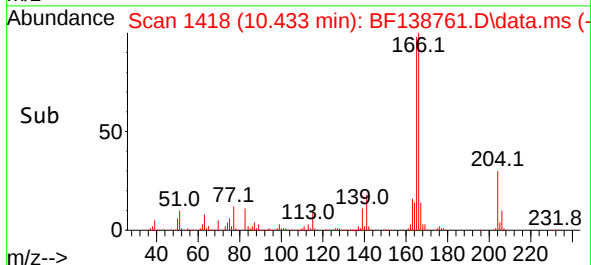
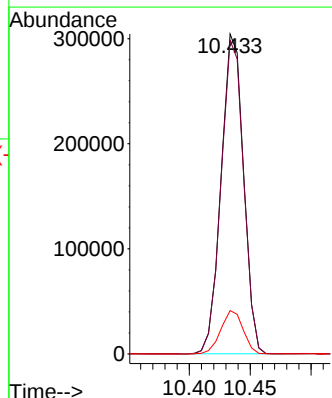
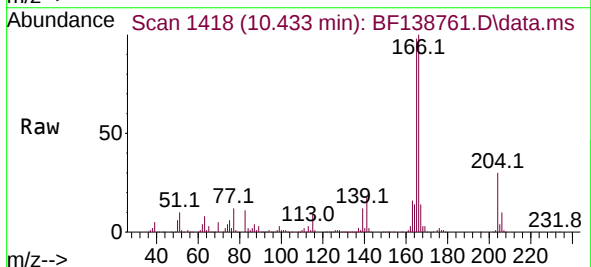
Instrument :
BNA_F
ClientSampleId :
PB162460BS

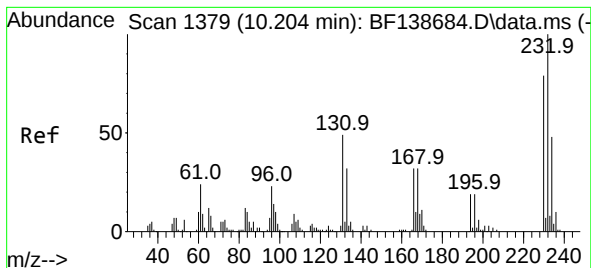
Tgt Ion:165 Resp: 120072
Ion Ratio Lower Upper
165 100
63 71.4 46.3 69.5#
89 87.2 64.2 96.4
182 3.2 2.5 3.7



#58
Fluorene
Concen: 39.481 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:166 Resp: 389614
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.5 10.6 16.0

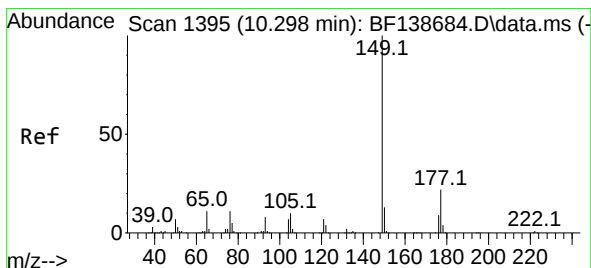
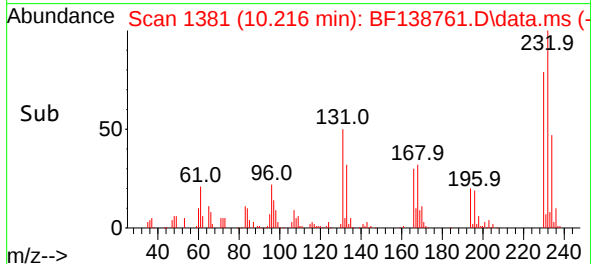
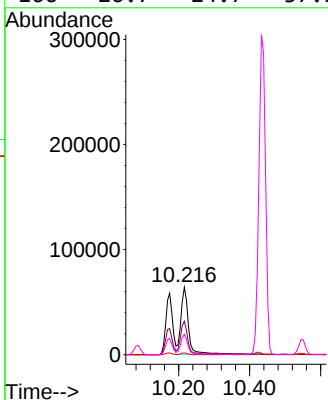
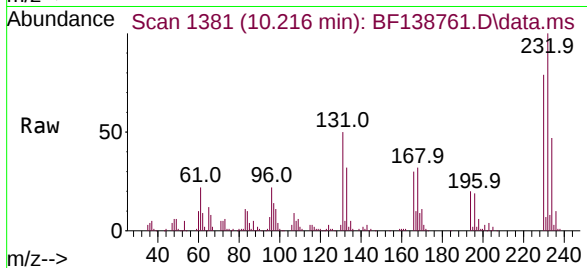




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.021 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

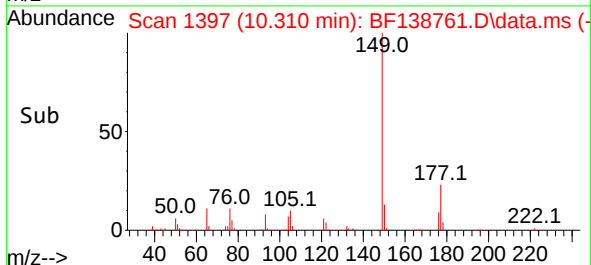
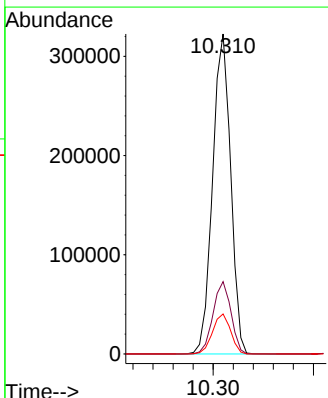
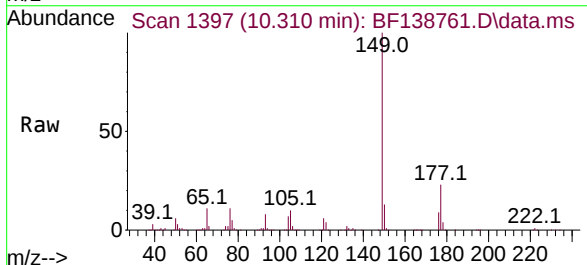
Instrument :
BNA_F
ClientSampleId :
PB162460BS

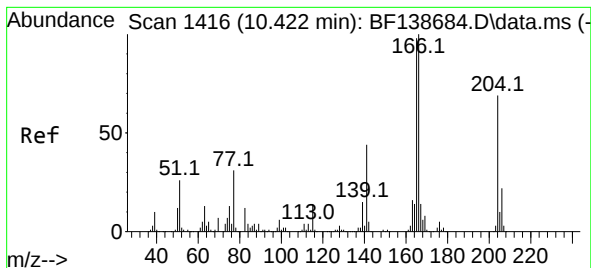
Tgt Ion:232 Resp: 96270
Ion Ratio Lower Upper
232 100
131 45.4 37.0 55.4
130 2.4 2.0 3.0
166 26.7 24.7 37.1



#60
Diethylphthalate
Concen: 41.965 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:149 Resp: 402196
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.5 10.1 15.1

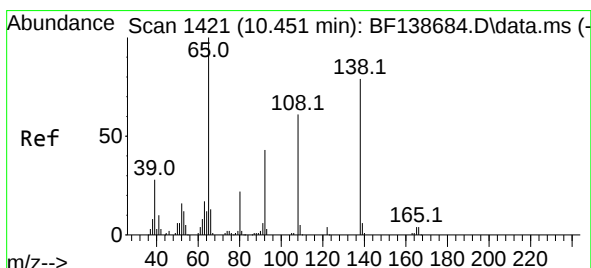
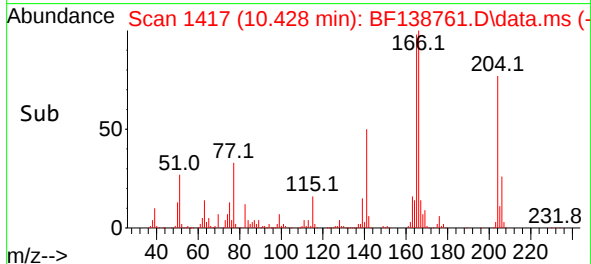
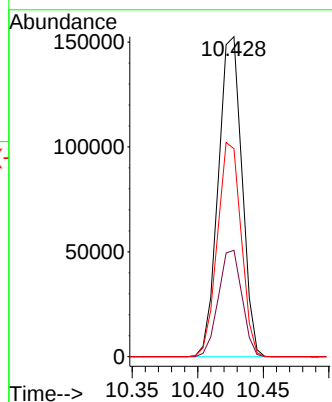
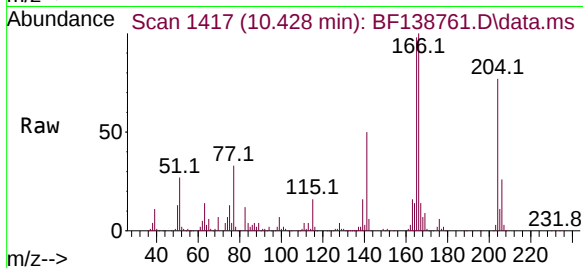




#61
4-Chlorophenyl-phenylether
Concen: 39.455 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

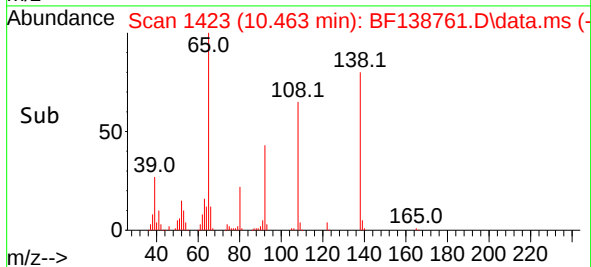
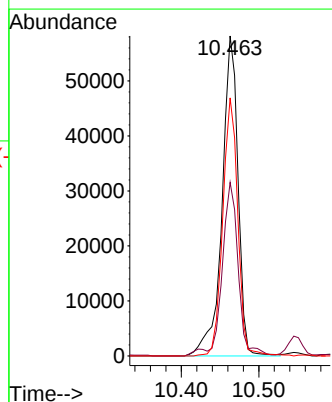
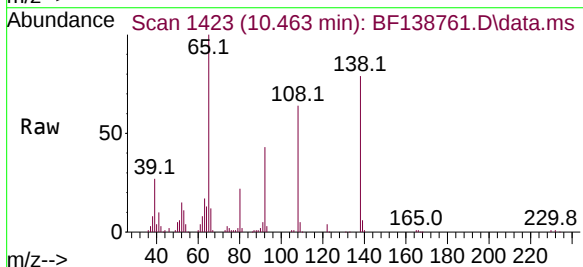
Instrument :
BNA_F
ClientSampleId :
PB162460BS

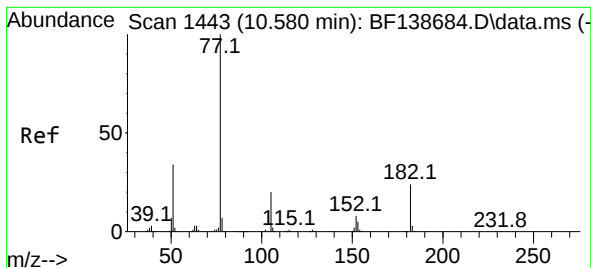
Tgt Ion:204 Resp: 191493
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 65.0 51.4 77.0



#62
4-Nitroaniline
Concen: 37.385 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:138 Resp: 83783
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 80.6 56.2 96.2





#63

Azobenzene

Concen: 40.293 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

Tgt Ion: 77 Resp: 428299

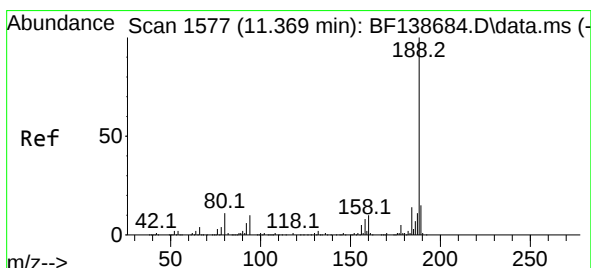
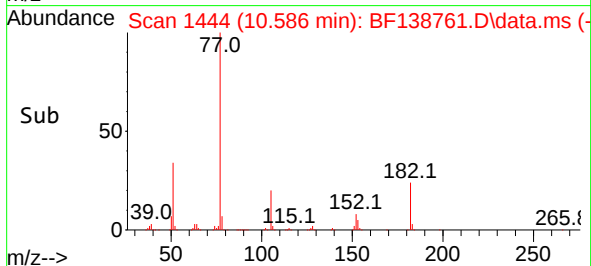
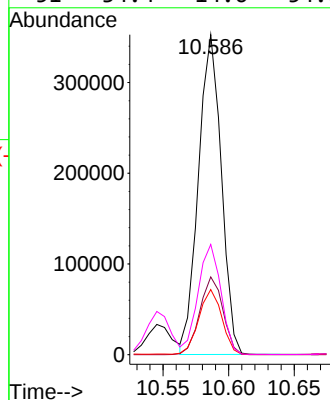
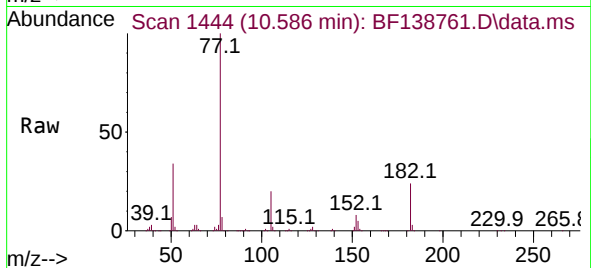
Ion Ratio Lower Upper

77 100

182 24.3 3.4 43.4

105 20.3 0.2 40.2

51 34.4 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

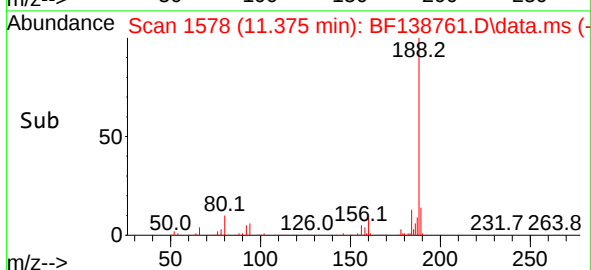
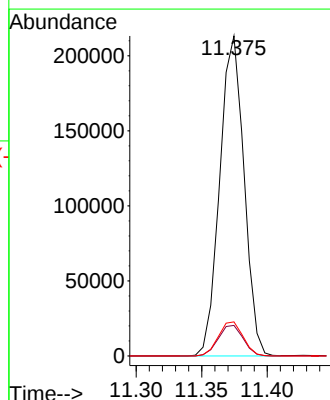
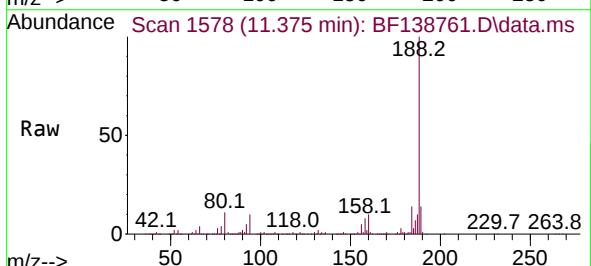
Tgt Ion: 188 Resp: 274373

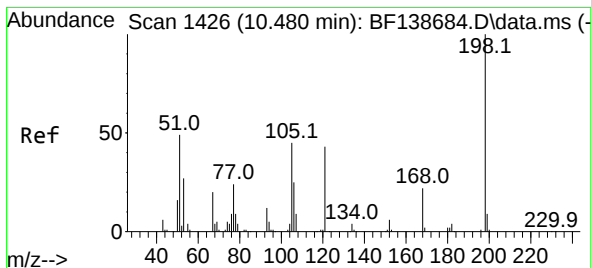
Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.6 8.6 12.8

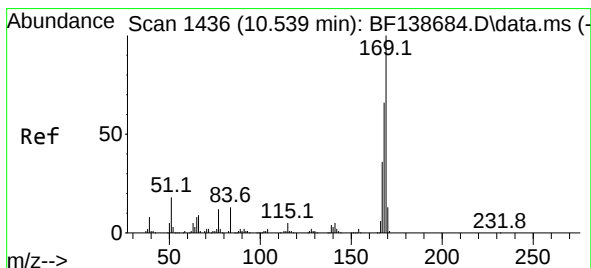
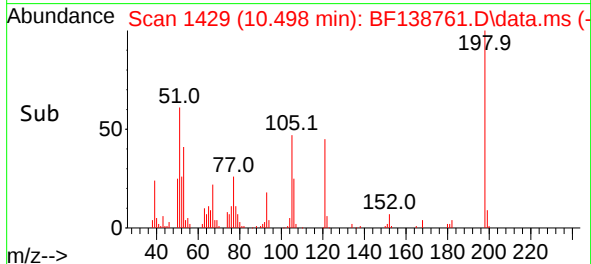
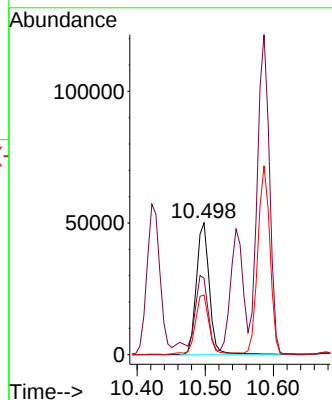
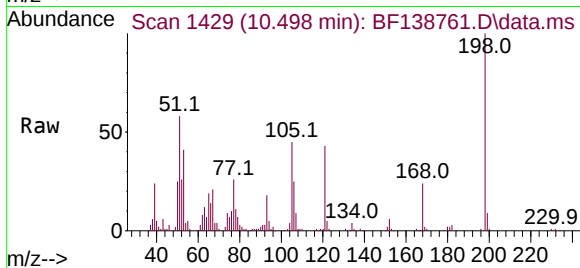




#65
4,6-Dinitro-2-methylphenol
Concen: 39.545 ng
RT: 10.498 min Scan# 1426
Delta R.T. 0.018 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

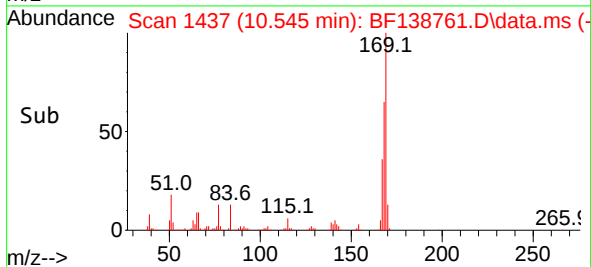
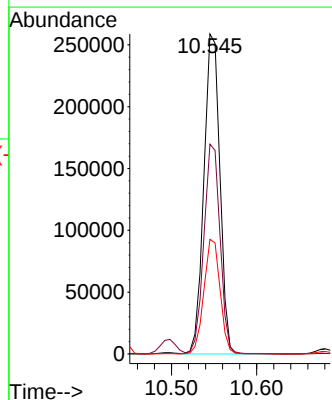
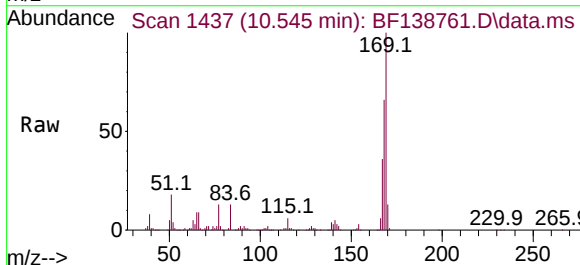
Instrument :
BNA_F
ClientSampleId :
PB162460BS

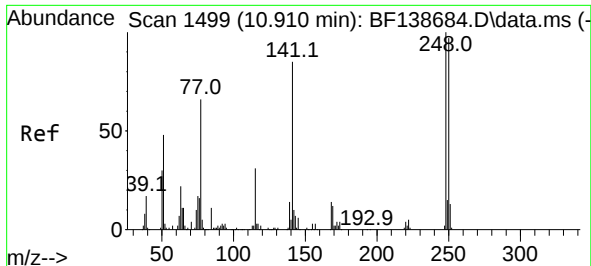
Tgt Ion:198 Resp: 66195
Ion Ratio Lower Upper
198 100
51 58.1 39.9 79.9
105 45.4 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 39.357 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:169 Resp: 337535
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.8 29.0 43.6

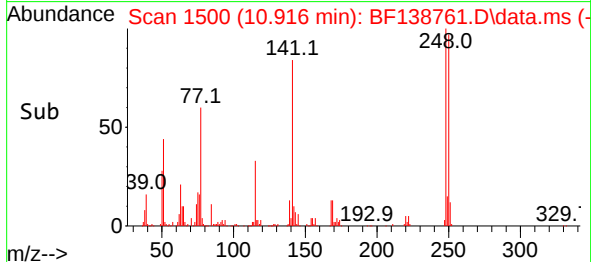
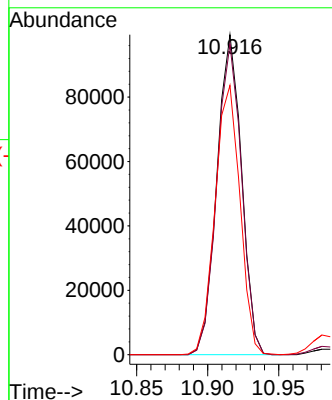
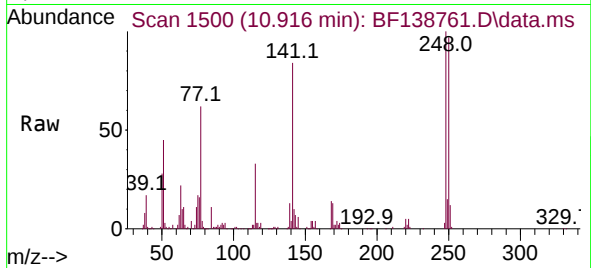




#67
4-Bromophenyl-phenylether
Concen: 40.335 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

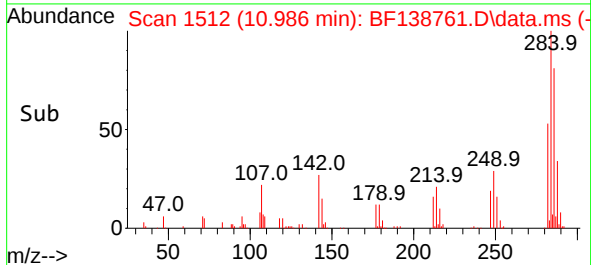
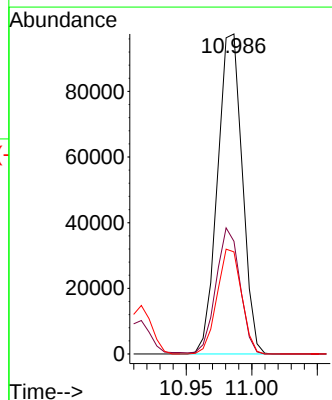
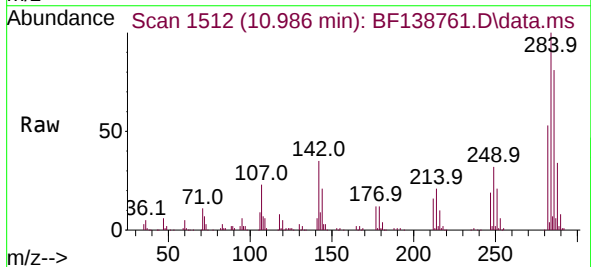
Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:248 Resp: 119819
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 84.1 68.0 102.0



#68
Hexachlorobenzene
Concen: 41.645 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:284 Resp: 127731
Ion Ratio Lower Upper
284 100
142 35.2 31.3 46.9
249 31.9 27.2 40.8





#69

Atrazine

Concen: 54.216 ng

RT: 11.075 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

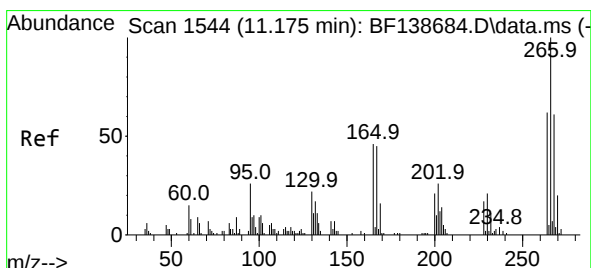
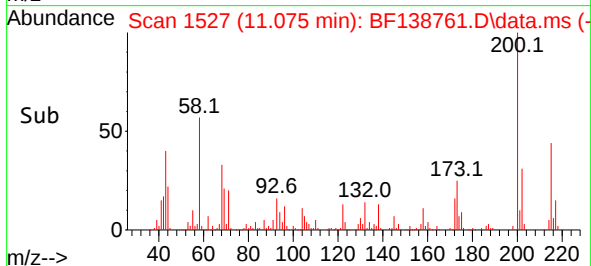
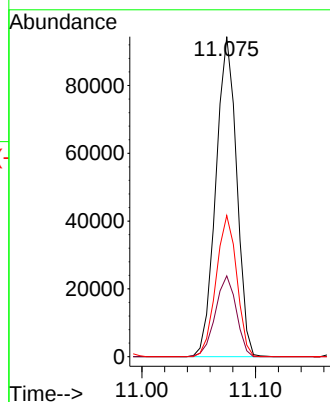
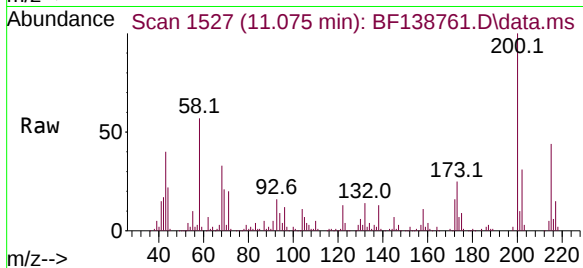
Tgt Ion:200 Resp: 119963

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

215 44.1 26.1 66.1



#70

Pentachlorophenol

Concen: 79.616 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.011 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

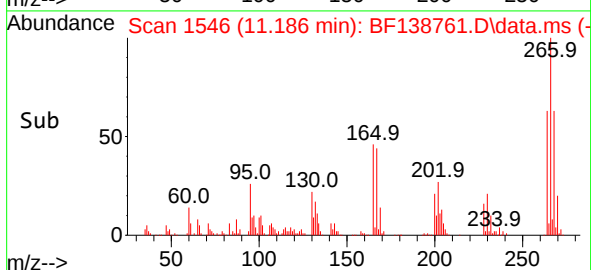
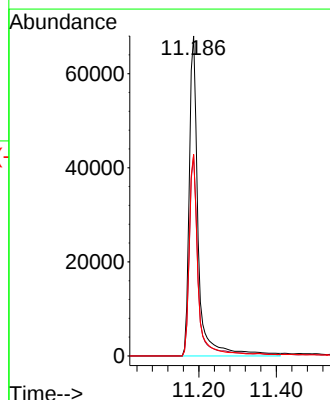
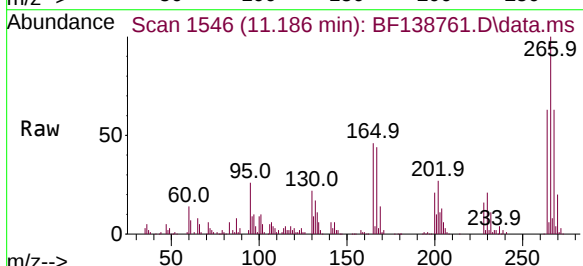
Tgt Ion:266 Resp: 110070

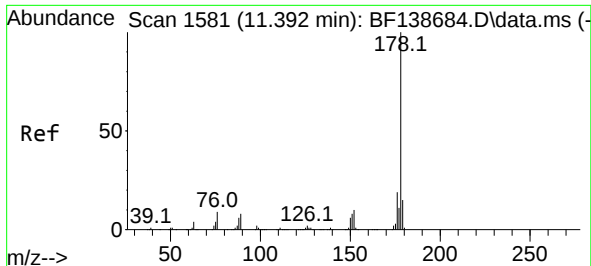
Ion Ratio Lower Upper

266 100

268 62.7 49.2 73.8

264 63.0 49.8 74.6

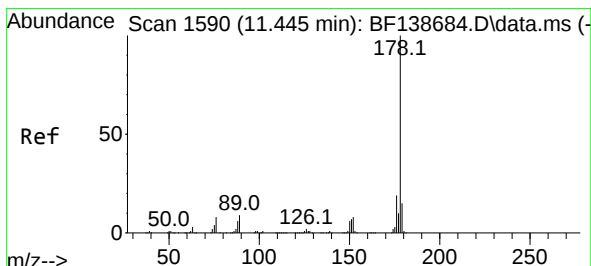
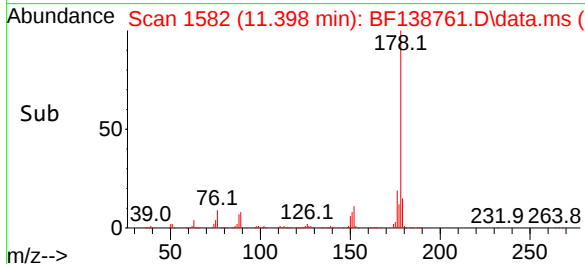
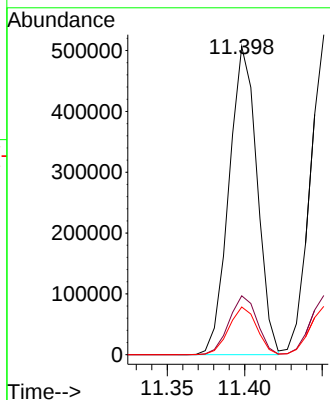
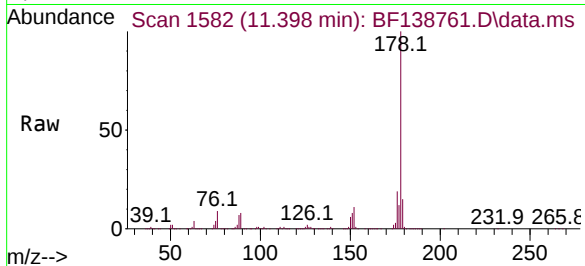




#71
Phenanthrene
Concen: 45.209 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

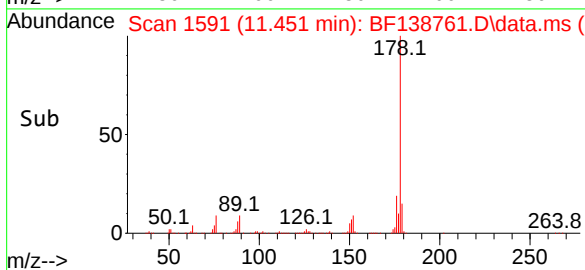
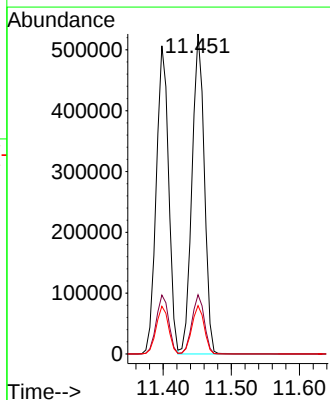
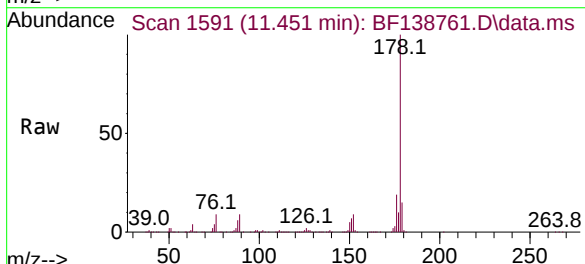
Instrument :
BNA_F
ClientSampleId :
PB162460BS

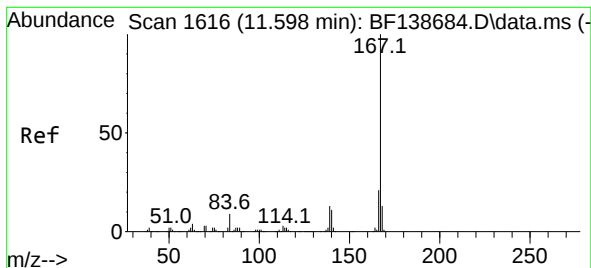
Tgt Ion:178 Resp: 638711
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 47.183 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:178 Resp: 656697
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.1 12.4 18.6





#73

Carbazole

Concen: 44.441 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

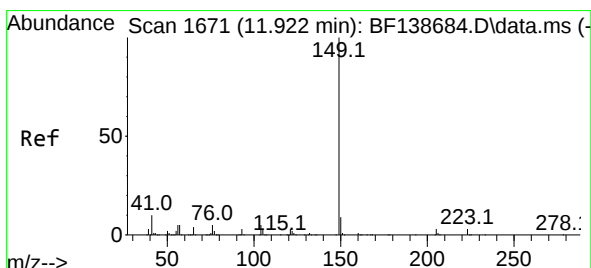
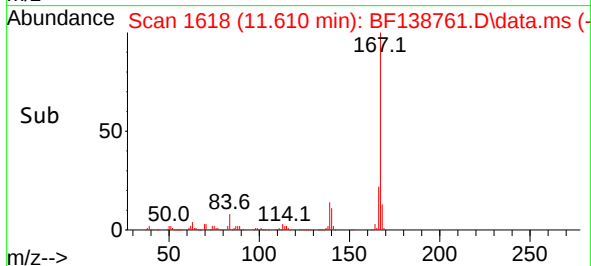
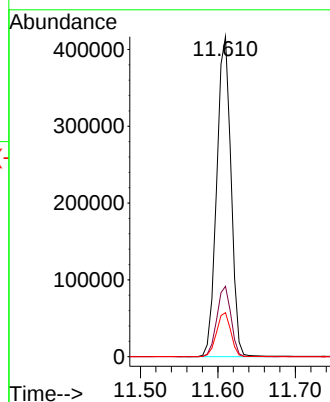
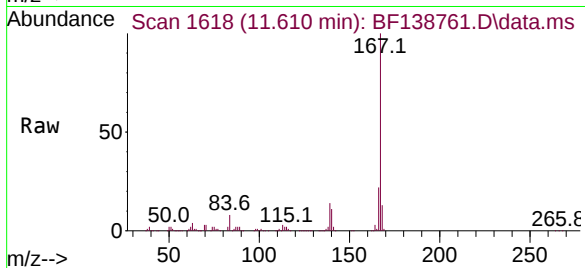
Tgt Ion:167 Resp: 533635

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 51.451 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

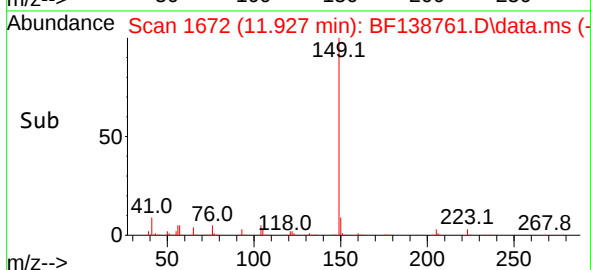
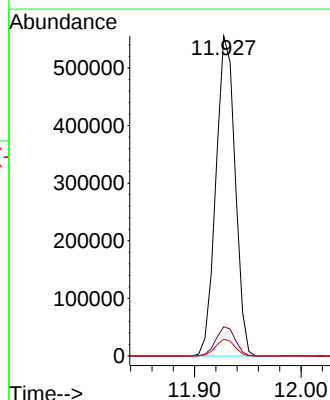
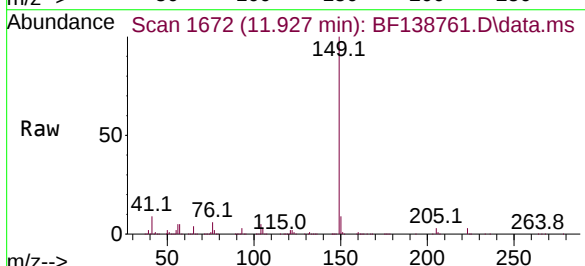
Tgt Ion:149 Resp: 694525

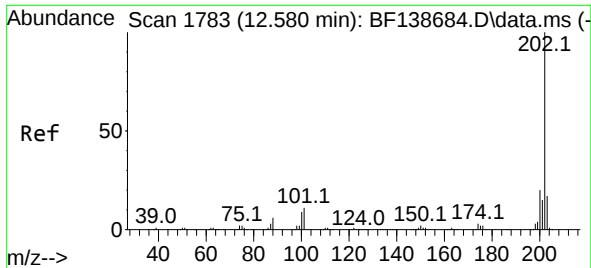
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 4.1 6.1

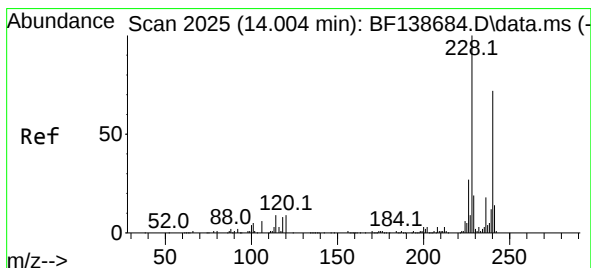
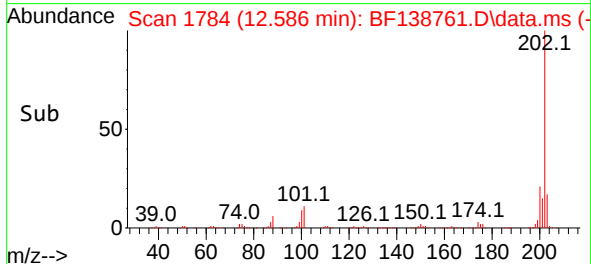
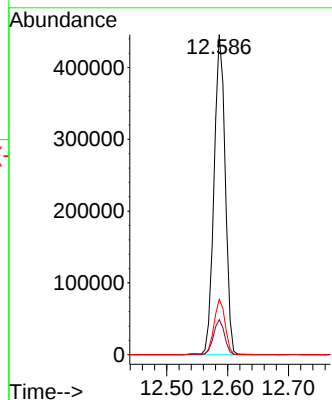
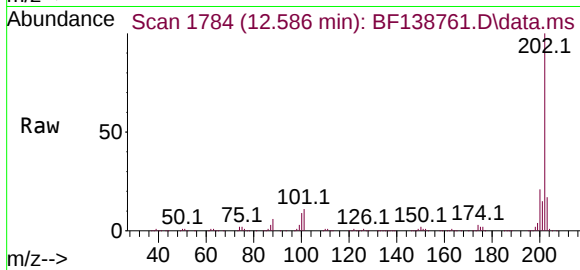




#75
Fluoranthene
Concen: 42.952 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

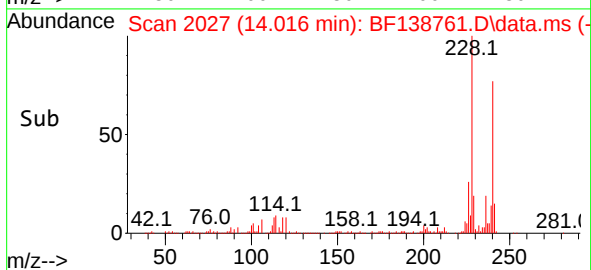
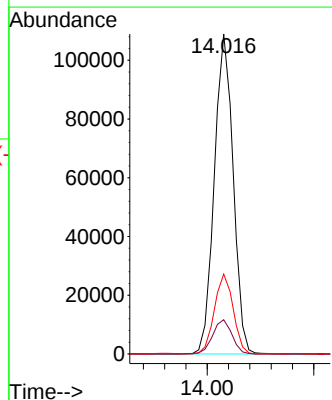
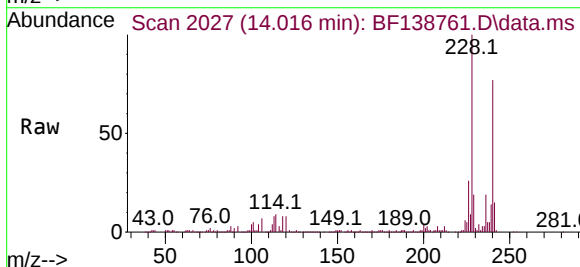
Instrument :
BNA_F
ClientSampleId :
PB162460BS

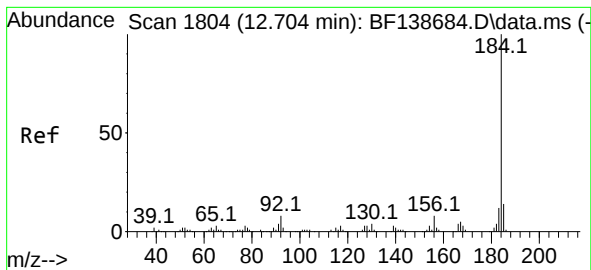
Tgt Ion:202 Resp: 566515
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:240 Resp: 133392
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.0 19.8 29.8





#77

Benzidine

Concen: 18.873 ng

RT: 12.710 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

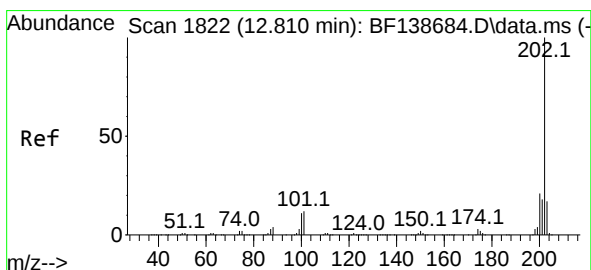
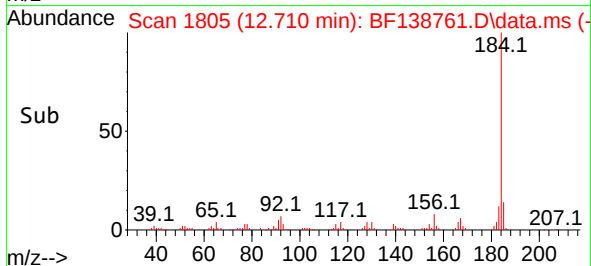
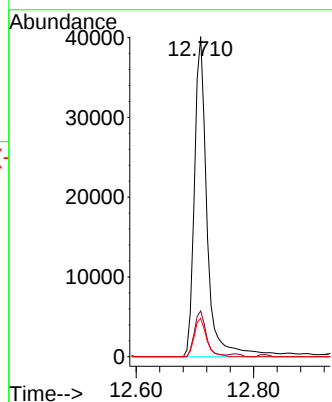
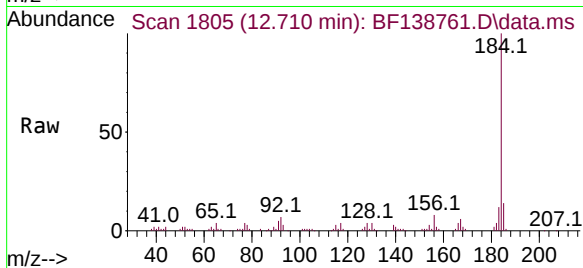
Tgt Ion:184 Resp: 60213

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 12.0 9.6 14.4



#78

Pyrene

Concen: 43.619 ng

RT: 12.816 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

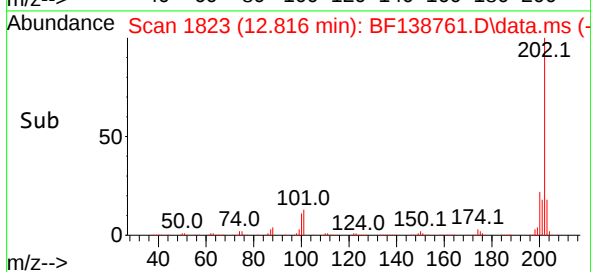
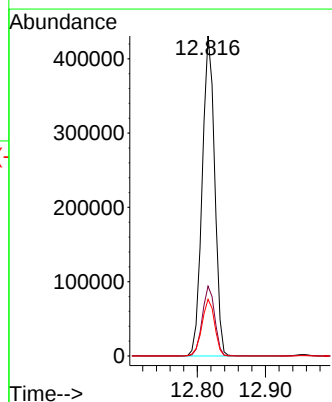
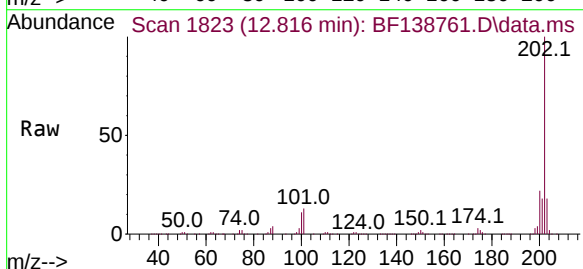
Tgt Ion:202 Resp: 547825

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 90.959 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

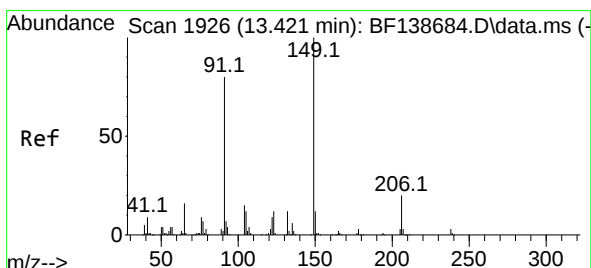
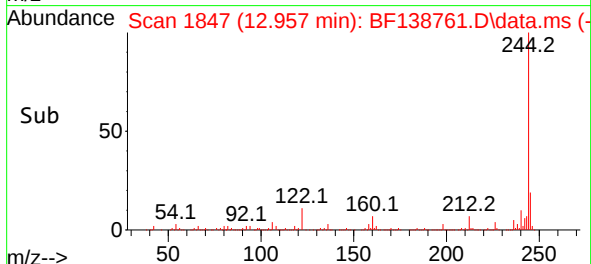
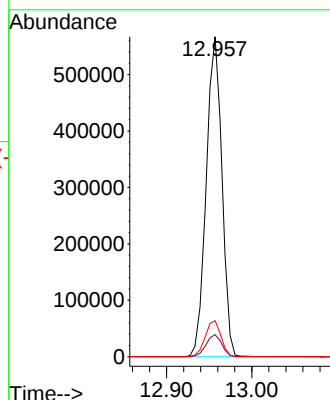
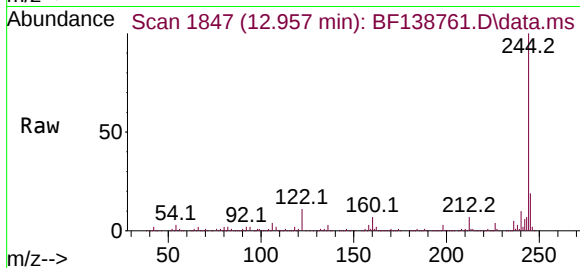
Tgt Ion:244 Resp: 724688

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 48.371 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

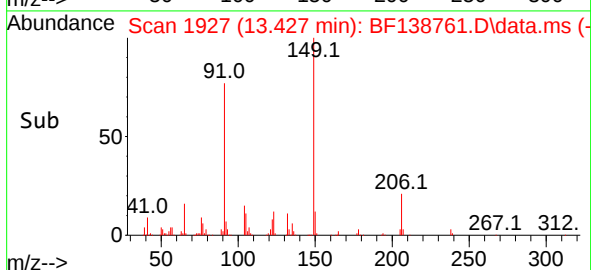
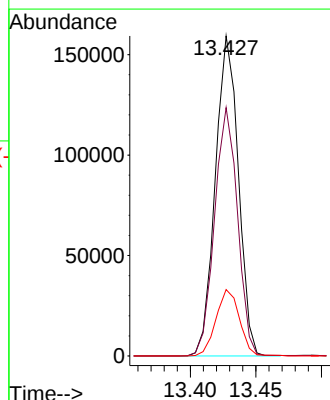
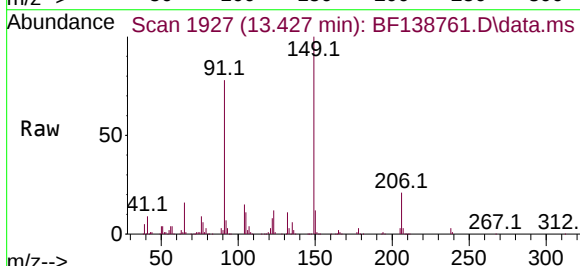
Tgt Ion:149 Resp: 194540

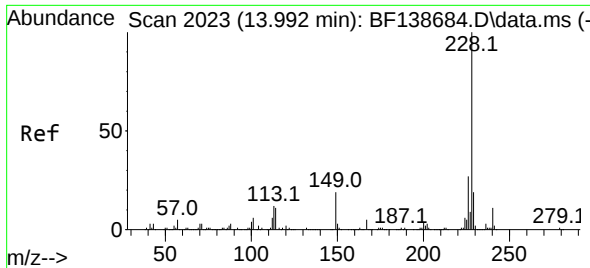
Ion Ratio Lower Upper

149 100

91 77.6 63.7 95.5

206 20.7 16.2 24.2

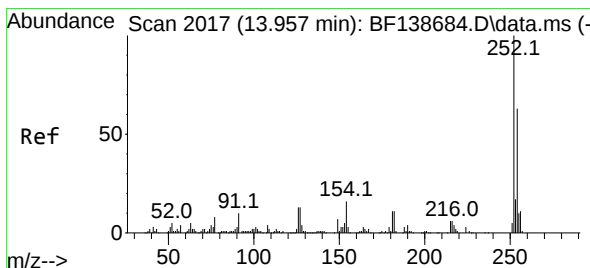
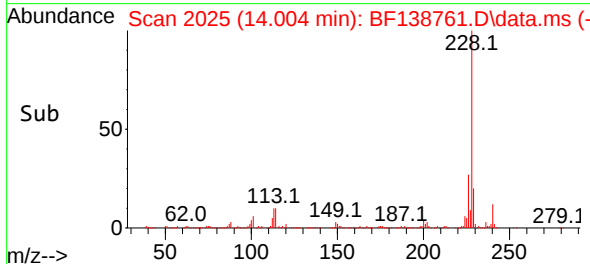
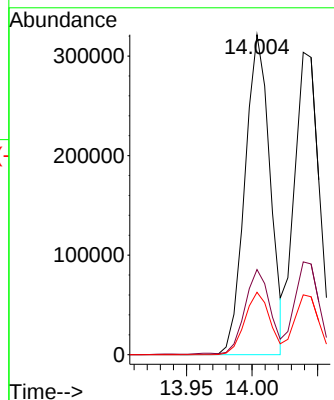
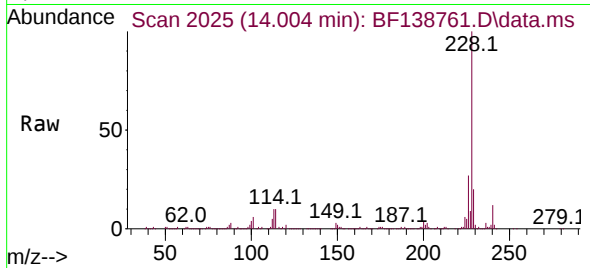




#81
Benzo(a)anthracene
Concen: 46.659 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

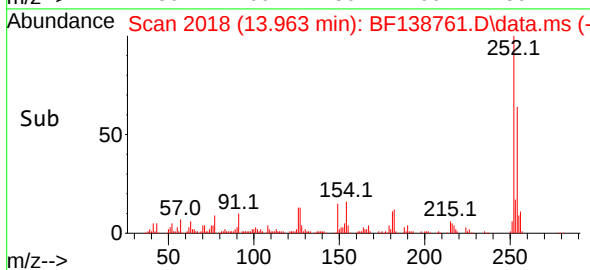
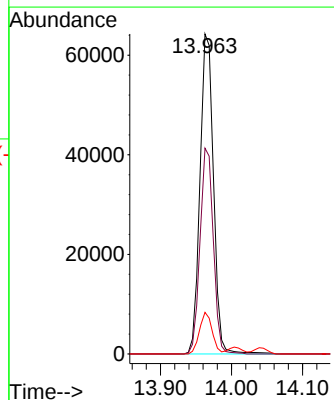
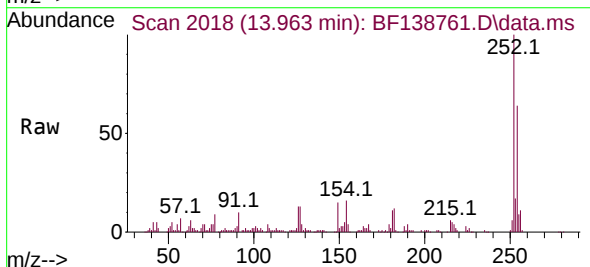
Instrument :
BNA_F
ClientSampleId :
PB162460BS

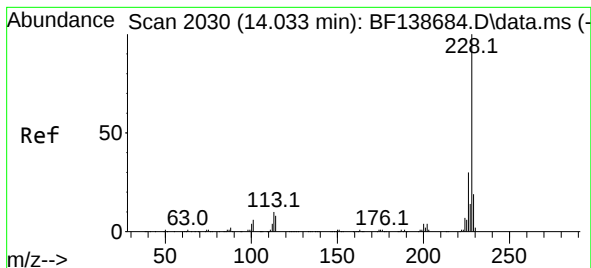
Tgt Ion:228 Resp: 428592
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.5 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 36.269 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:252 Resp: 85256
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 13.0 10.2 15.2





#83

Chrysene

Concen: 47.597 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

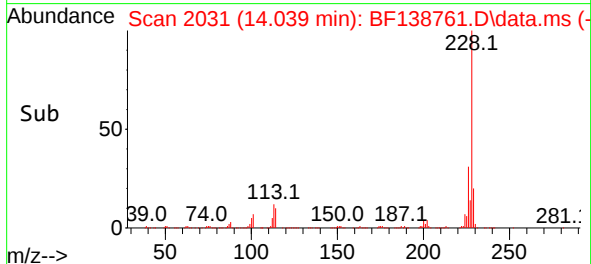
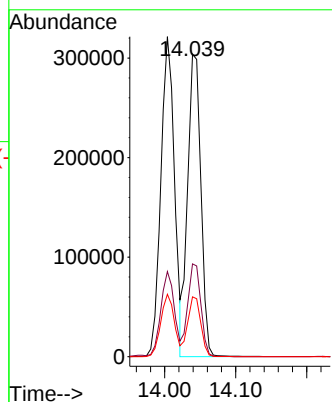
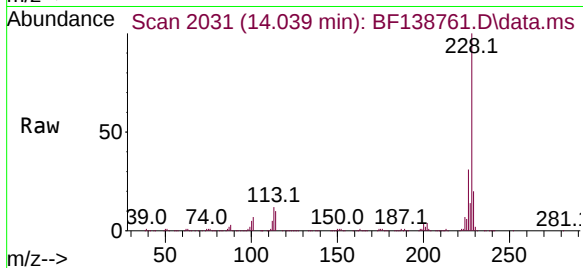
Tgt Ion:228 Resp: 394448

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.077 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

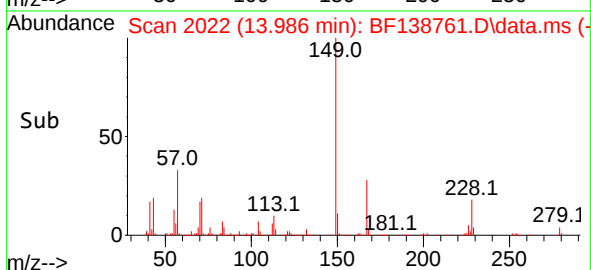
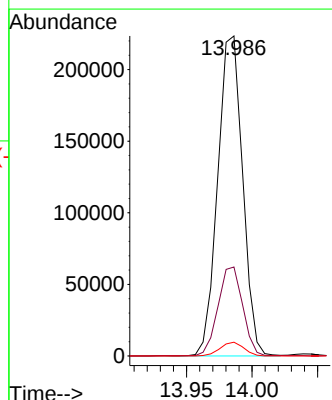
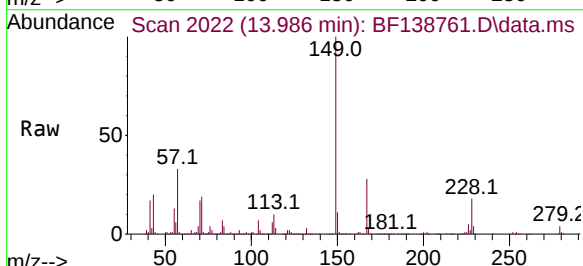
Tgt Ion:149 Resp: 294920

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 46.164 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

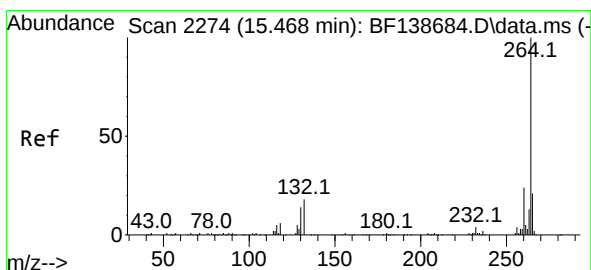
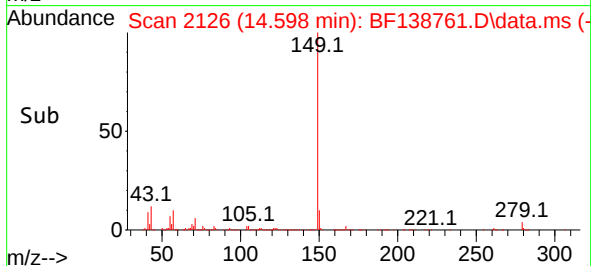
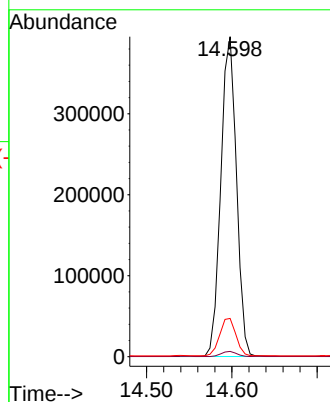
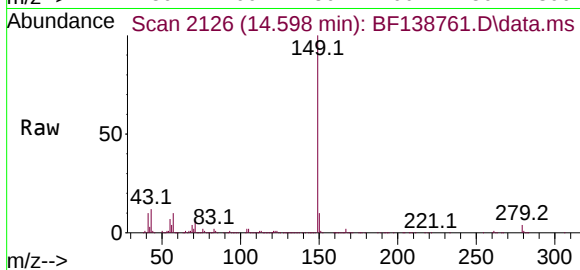
Tgt Ion:149 Resp: 503013

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.1 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

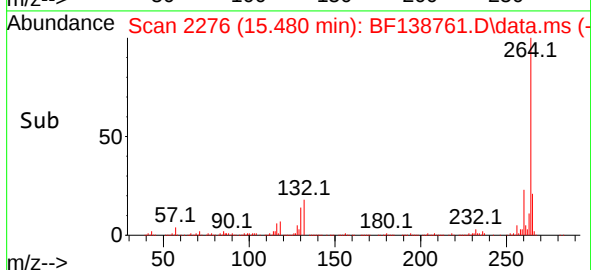
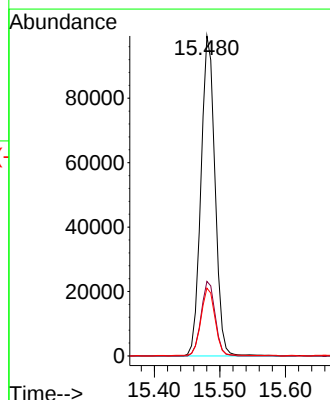
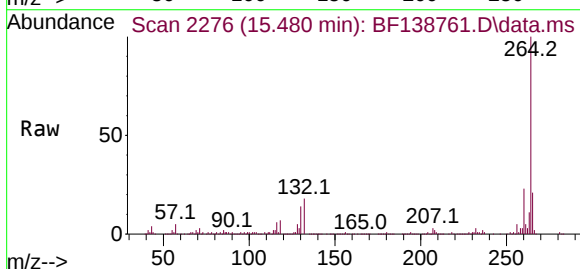
Tgt Ion:264 Resp: 148445

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.424 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

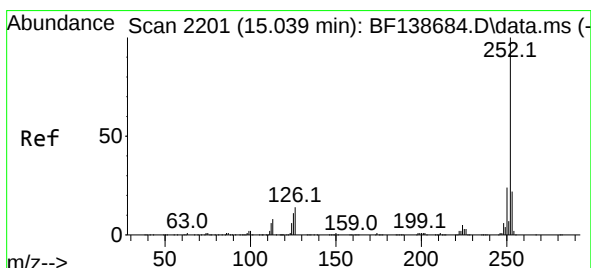
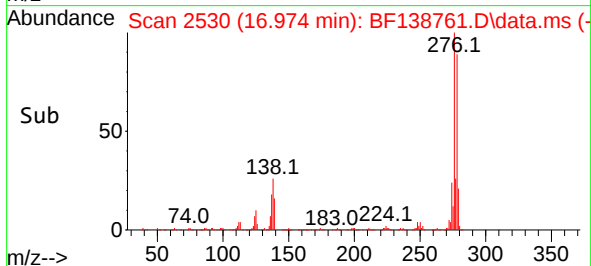
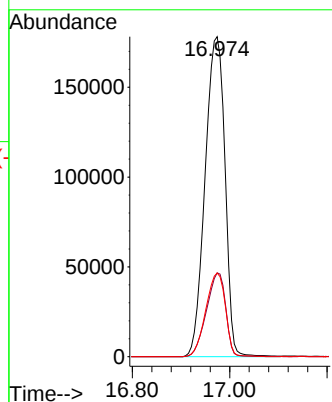
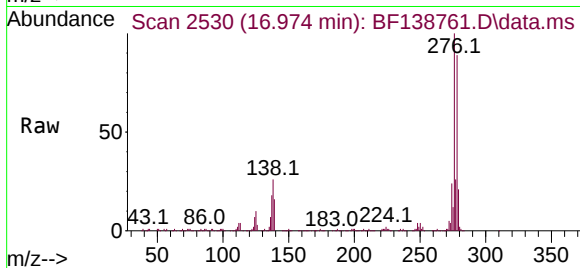
Tgt Ion:276 Resp: 504505

Ion Ratio Lower Upper

276 100

138 25.4 21.8 32.8

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.110 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.018 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

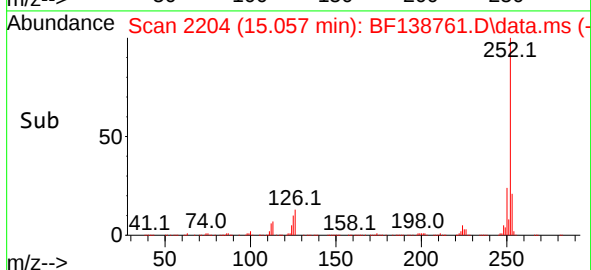
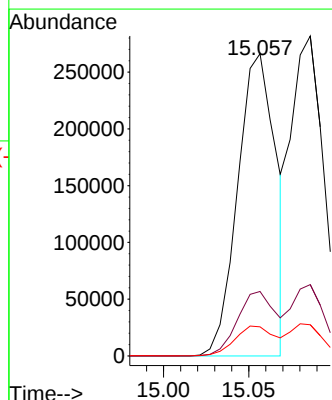
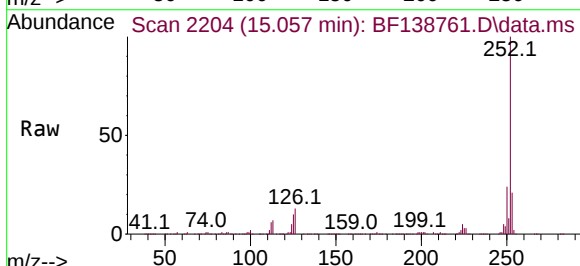
Tgt Ion:252 Resp: 415105

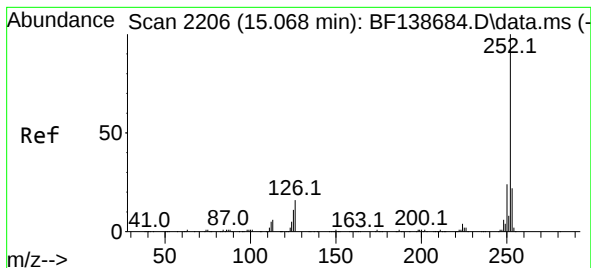
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 47.307 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.018 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB162460BS

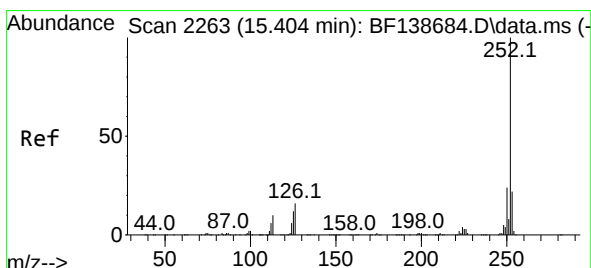
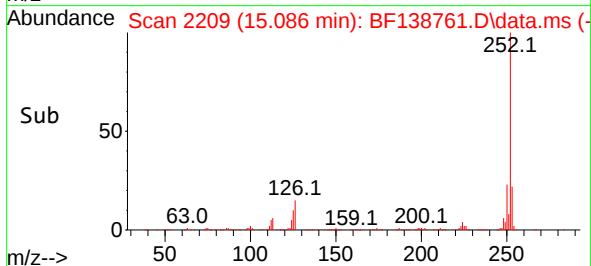
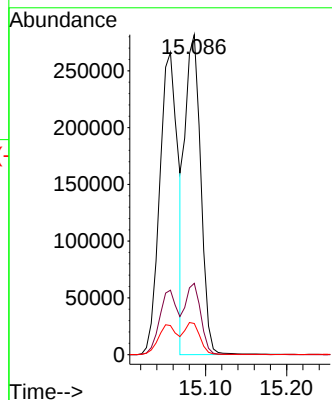
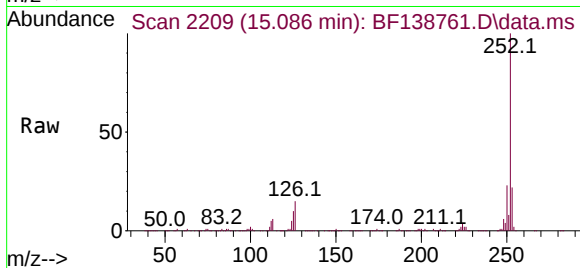
Tgt Ion:252 Resp: 376910

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.8 8.6 13.0



#90

Benzo(a)pyrene

Concen: 49.114 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138761.D

Acq: 03 Aug 2024 10:28

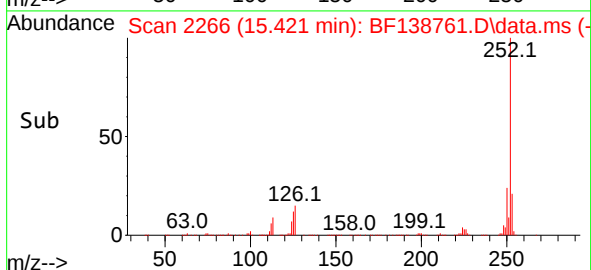
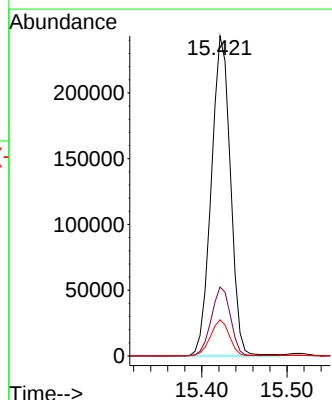
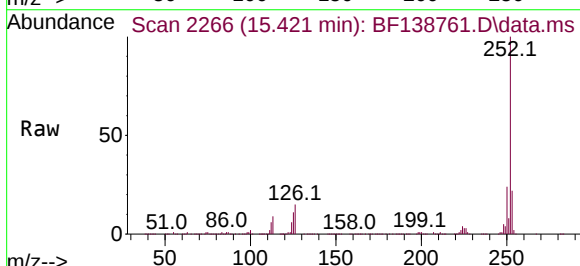
Tgt Ion:252 Resp: 380159

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.3 9.5 14.3

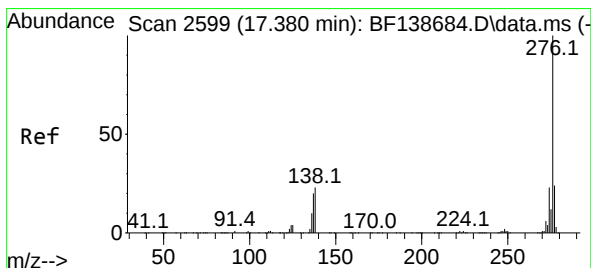
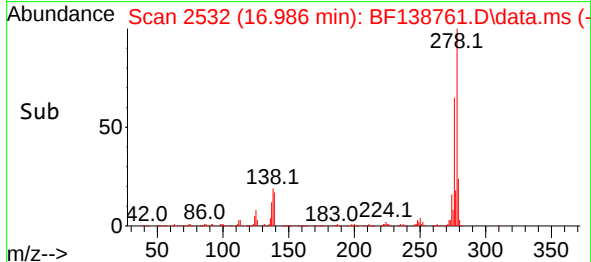
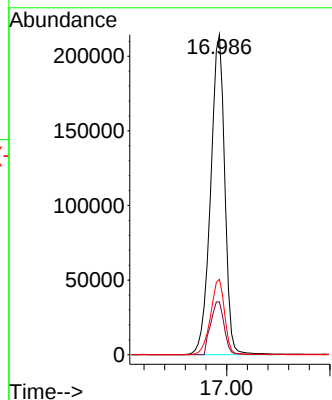
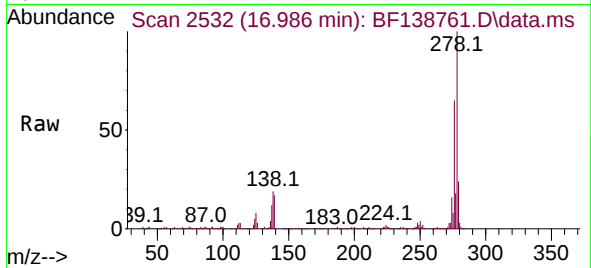




#91
Dibenzo(a,h)anthracene
Concen: 46.696 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB162460BS

Tgt Ion:278 Resp: 407771
Ion Ratio Lower Upper
278 100
139 16.5 14.0 21.0
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 43.476 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.041 min
Lab File: BF138761.D
Acq: 03 Aug 2024 10:28

Tgt Ion:276 Resp: 393974
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 21.4 18.5 27.7

