

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141738.D
 Acq On : 24 Feb 2025 11:56
 Operator : RC/JU
 Sample : Q1397-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8MS

Quant Time: Feb 24 12:17:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91091	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	351581	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	192003	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	314682	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	197837	20.000	ng	-0.02
86) Perylene-d12	15.380	264	215142	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	639672	110.092	ng	0.00
7) Phenol-d6	6.428	99	791493	107.777	ng	-0.01
23) Nitrobenzene-d5	7.345	82	519261	77.034	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	212772	110.316	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	974716	78.212	ng	-0.02
79) Terphenyl-d14	12.880	244	931889	79.519	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	95821	40.975	ng	95
3) Pyridine	3.287	79	215783	38.776	ng	95
4) n-Nitrosodimethylamine	3.234	42	129644	35.184	ng	88
6) Aniline	6.445	93	122618	17.800	ng	# 31
8) 2-Chlorophenol	6.569	128	254721	40.572	ng	98
9) Benzaldehyde	6.334	77	107314	27.499	ng	97
10) Phenol	6.440	94	306515	40.102	ng	84
11) bis(2-Chloroethyl)ether	6.516	93	233655	40.699	ng	99
12) 1,3-Dichlorobenzene	6.722	146	267701	40.389	ng	97
13) 1,4-Dichlorobenzene	6.798	146	274383	40.517	ng	98
14) 1,2-Dichlorobenzene	6.951	146	261656	41.630	ng	99
15) Benzyl Alcohol	6.928	79	213864	37.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	363839	37.022	ng	76
17) 2-Methylphenol	7.045	107	197477	40.194	ng	97
18) Hexachloroethane	7.287	117	101243	40.396	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	173929	39.594	ng	93
20) 3+4-Methylphenols	7.204	107	258716	41.435	ng	# 71
22) Acetophenone	7.192	105	387304	44.285	ng	92
24) Nitrobenzene	7.363	77	260774	39.674	ng	99
25) Isophorone	7.604	82	462444	43.027	ng	99
26) 2-Nitrophenol	7.681	139	136079	41.612	ng	93
27) 2,4-Dimethylphenol	7.722	122	202532	53.015	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	279855	40.635	ng	99
29) 2,4-Dichlorophenol	7.928	162	209753	40.636	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	229304	40.794	ng	99
31) Naphthalene	8.081	128	738974	40.379	ng	100
32) Benzoic acid	7.834	122	43297m	10.911	ng	
33) 4-Chloroaniline	8.145	127	42867	6.709	ng	97
34) Hexachlorobutadiene	8.198	225	138626	41.081	ng	100
35) Caprolactam	8.504	113	67308m	42.828	ng	
36) 4-Chloro-3-methylphenol	8.628	107	225507	39.440	ng	100
37) 2-Methylnaphthalene	8.775	142	468571	39.345	ng	99
38) 1-Methylnaphthalene	8.875	142	455312	39.474	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	254575	45.829	ng	99
41) Hexachlorocyclopentadiene	8.928	237	217358	117.643	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	143854	40.069	ng	99

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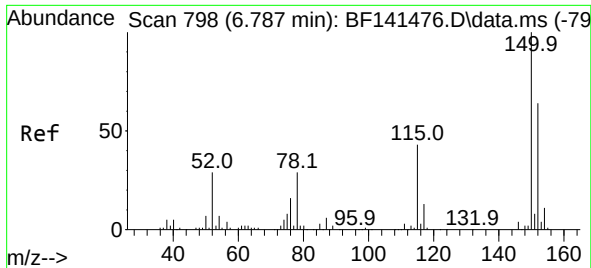
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	155470	39.957	ng	97
46) 1,1'-Biphenyl	9.239	154	671455	45.108	ng	100
47) 2-Chloronaphthalene	9.263	162	452609	41.118	ng	99
48) 2-Nitroaniline	9.363	65	148583	40.221	ng	98
49) Acenaphthylene	9.675	152	699906	42.749	ng	99
50) Dimethylphthalate	9.539	163	539673	41.403	ng	100
51) 2,6-Dinitrotoluene	9.604	165	117309	41.169	ng	99
52) Acenaphthene	9.845	154	441862	40.144	ng	100
53) 3-Nitroaniline	9.775	138	50742	16.545	ng	93
54) 2,4-Dinitrophenol	9.892	184	73068	43.146	ng	88
55) Dibenzofuran	10.022	168	632654	39.159	ng	99
56) 4-Nitrophenol	9.957	139	168692	74.097	ng	93
57) 2,4-Dinitrotoluene	10.010	165	157495	41.519	ng	99
58) Fluorene	10.363	166	511826	40.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	131747	39.329	ng	92
60) Diethylphthalate	10.239	149	513345	40.028	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	244403	40.668	ng	97
62) 4-Nitroaniline	10.392	138	117956	37.878	ng	96
63) Azobenzene	10.516	77	557299	43.712	ng	92
65) 4,6-Dinitro-2-methylph...	10.422	198	63719	29.149	ng	94
66) n-Nitrosodiphenylamine	10.475	169	438481	43.529	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	151289	43.017	ng	99
68) Hexachlorobenzene	10.910	284	159250	43.973	ng	99
69) Atrazine	11.004	200	163248	54.020	ng	99
70) Pentachlorophenol	11.110	266	128830	55.634	ng	99
71) Phenanthrene	11.328	178	798838	46.117	ng	100
72) Anthracene	11.375	178	760692	43.686	ng	100
73) Carbazole	11.533	167	639289	40.803	ng	100
74) Di-n-butylphthalate	11.863	149	755434	41.757	ng	99
75) Fluoranthene	12.510	202	808526	44.027	ng	99
77) Benzidine	12.639	184	190262	43.606	ng	98
78) Pyrene	12.739	202	775892	46.071	ng	100
80) Butylbenzylphthalate	13.357	149	251466	43.108	ng	98
81) Benzo(a)anthracene	13.927	228	594736	45.224	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	112196	29.783	ng	99
83) Chrysene	13.963	228	555920	45.782	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	321878	48.924	ng	99
85) Di-n-octyl phthalate	14.527	149	526487	56.095	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	633889	47.684	ng	99
88) Benzo(b)fluoranthene	14.968	252	616348	42.666	ng	100
89) Benzo(k)fluoranthene	14.992	252	504478	40.897	ng	99
90) Benzo(a)pyrene	15.321	252	542893	46.445	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	501376	46.547	ng	99
92) Benzo(g,h,i)perylene	17.251	276	490913	43.552	ng	99

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

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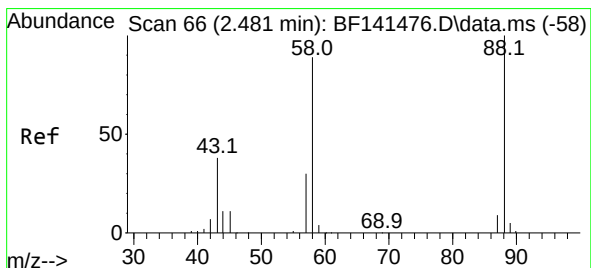
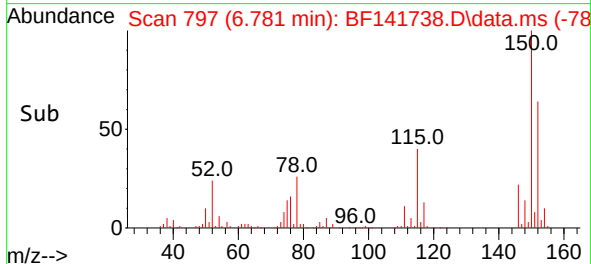
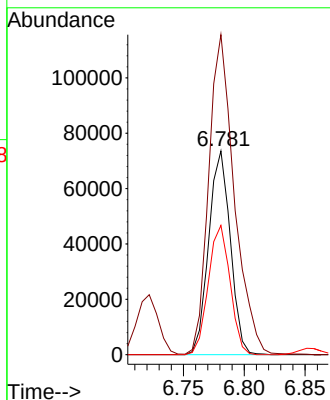
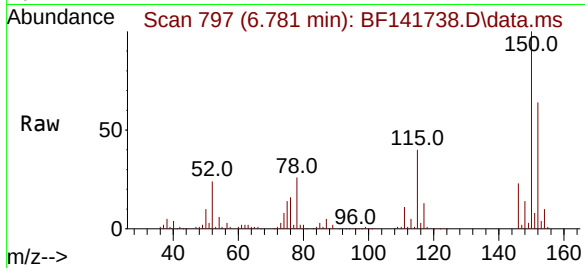




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141738.D
 Acq: 24 Feb 2025 11:56

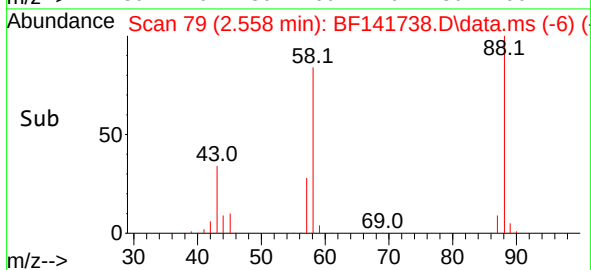
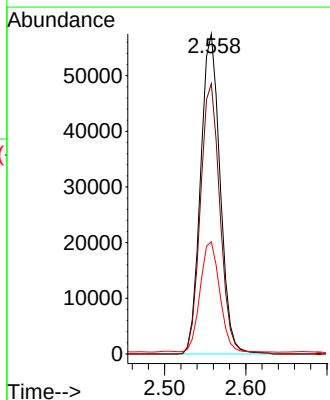
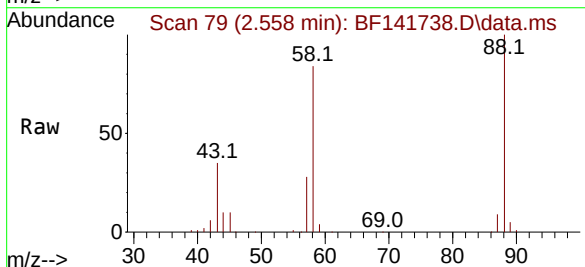
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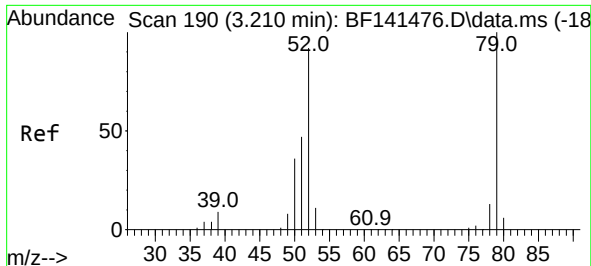
Tgt Ion:152 Resp: 91091
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 63.5 53.6 80.4



#2
 1,4-Dioxane
 Concen: 40.975 ng
 RT: 2.558 min Scan# 79
 Delta R.T. 0.077 min
 Lab File: BF141738.D
 Acq: 24 Feb 2025 11:56

Tgt Ion: 88 Resp: 95821
 Ion Ratio Lower Upper
 88 100
 58 84.7 71.1 106.7
 43 34.7 30.6 46.0





#3

Pyridine

Concen: 38.776 ng

RT: 3.287 min Scan# 20

Delta R.T. 0.071 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

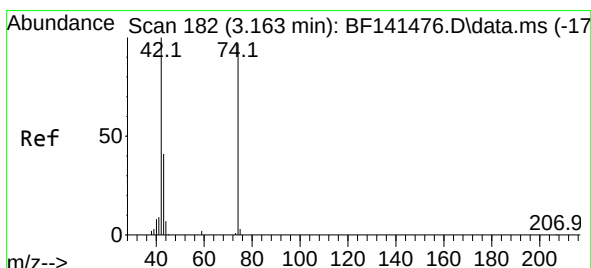
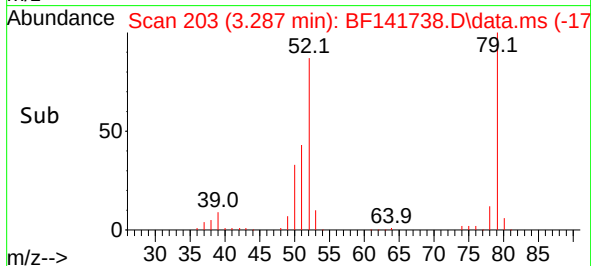
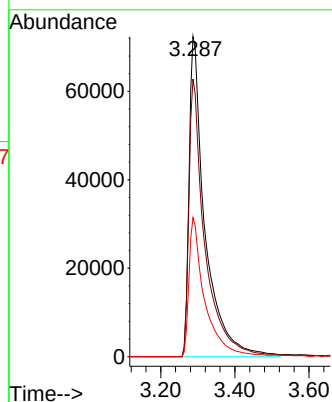
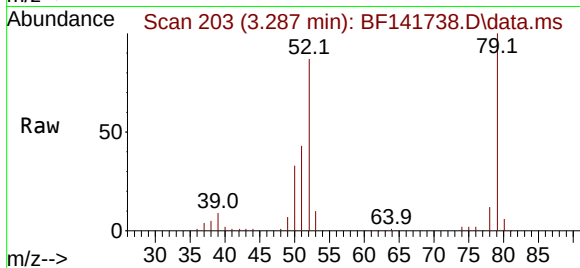
Tgt Ion: 79 Resp: 215783

Ion Ratio Lower Upper

79 100

52 86.8 73.7 110.5

51 43.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 35.184 ng

RT: 3.234 min Scan# 194

Delta R.T. 0.047 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

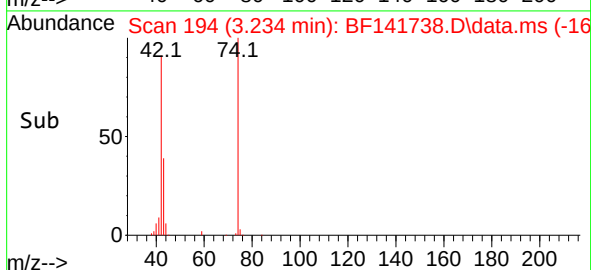
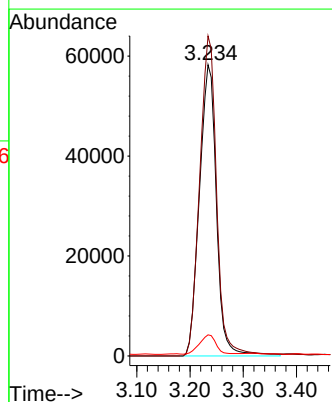
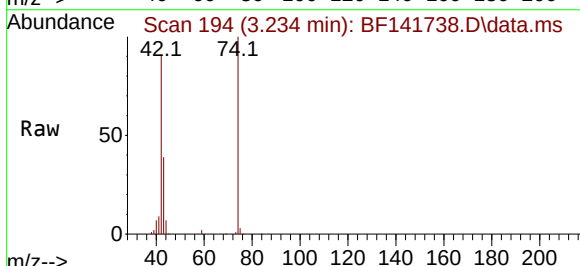
Tgt Ion: 42 Resp: 129644

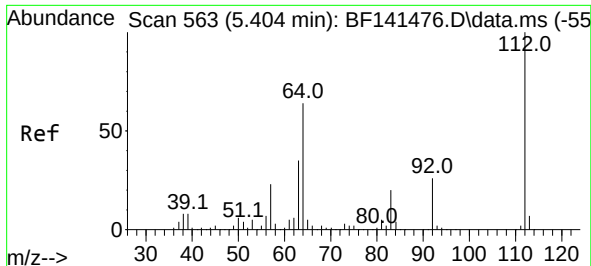
Ion Ratio Lower Upper

42 100

74 109.9 78.0 117.0

44 7.3 5.4 8.2

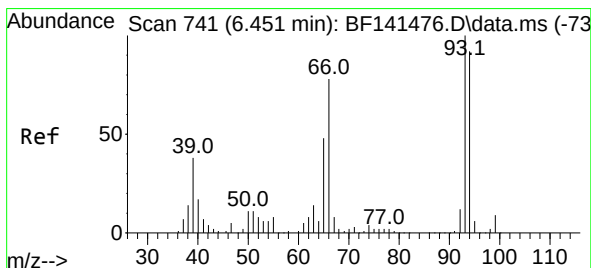
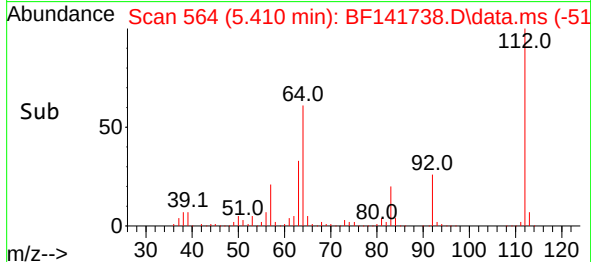
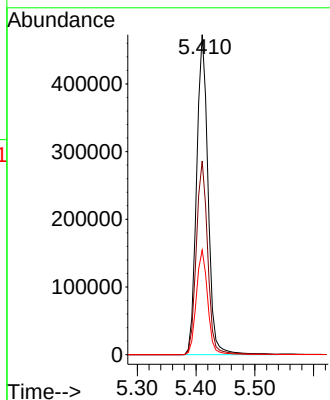
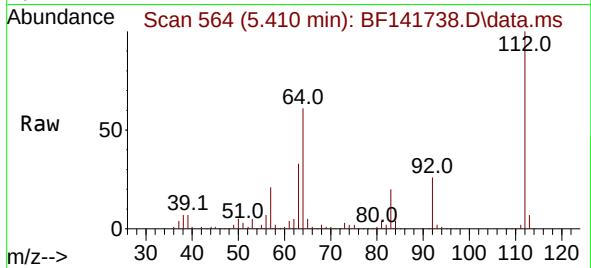




#5
2-Fluorophenol
Concen: 110.092 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

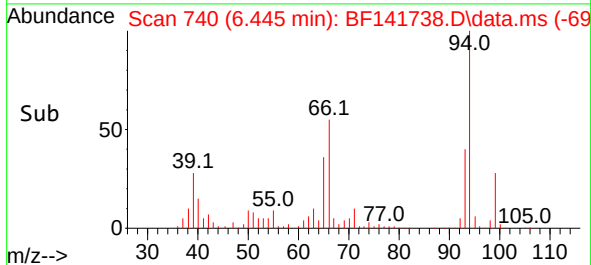
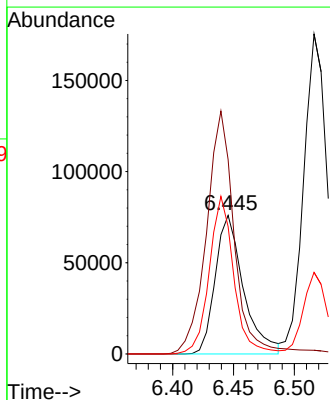
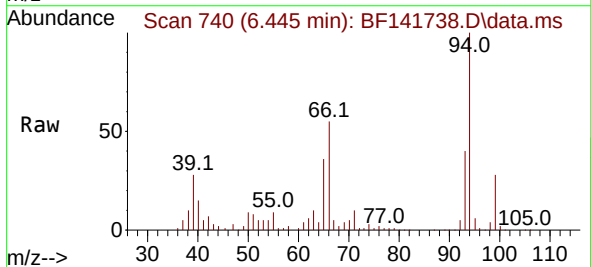
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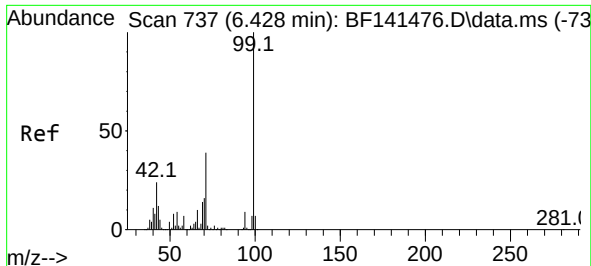
Tgt Ion:112 Resp: 639672
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 32.7 28.4 42.6



#6
Aniline
Concen: 17.800 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 93 Resp: 122618
Ion Ratio Lower Upper
93 100
66 140.2 62.6 94.0#
65 91.9 38.3 57.5#





#7
Phenol-d6
Concen: 107.777 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

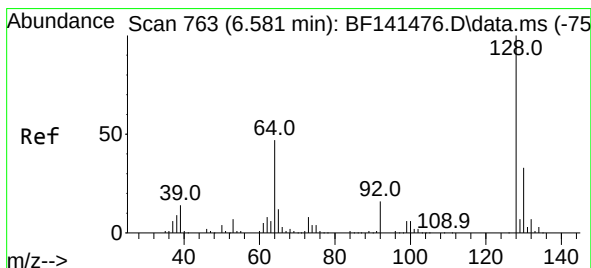
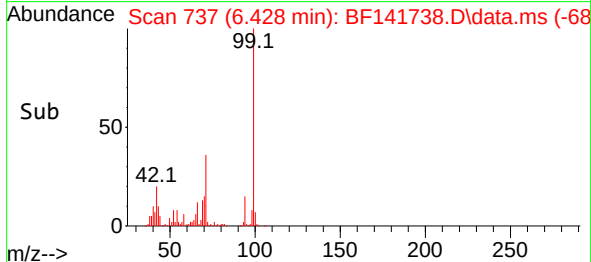
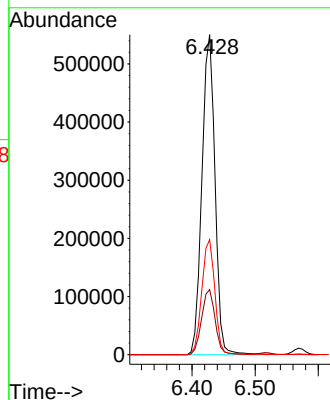
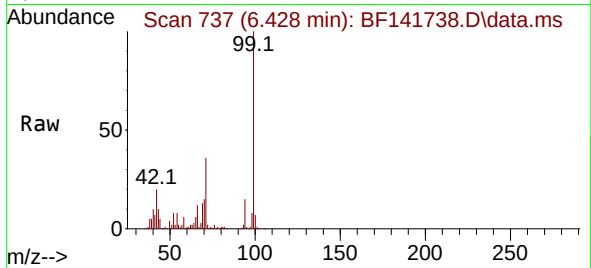
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ClientSampleId :

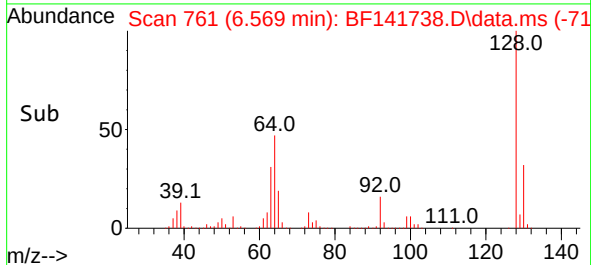
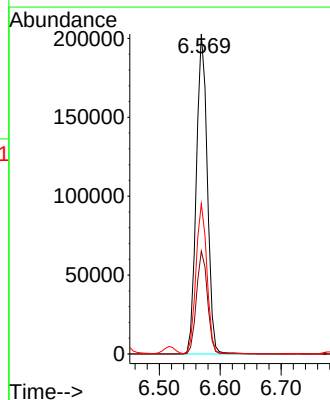
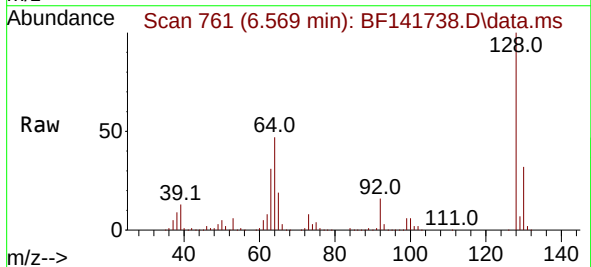
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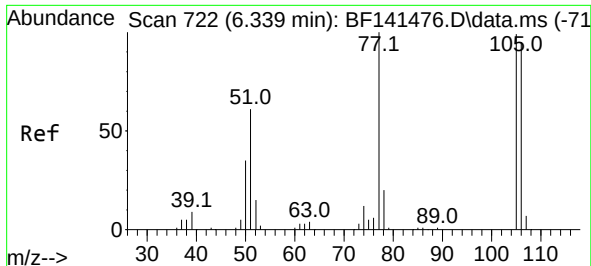
Tgt Ion: 99 Resp: 791493
Ion Ratio Lower Upper
99 100
42 20.3 19.1 28.7
71 36.0 31.1 46.7



#8
2-Chlorophenol
Concen: 40.572 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
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Tgt Ion: 128 Resp: 254721
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 47.0 28.3 68.3

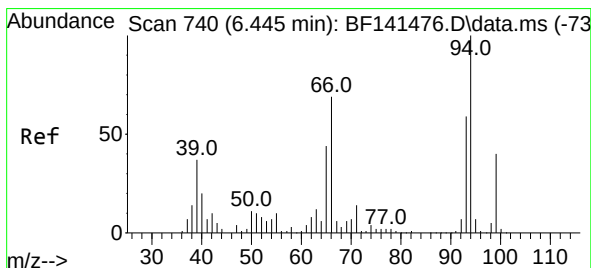
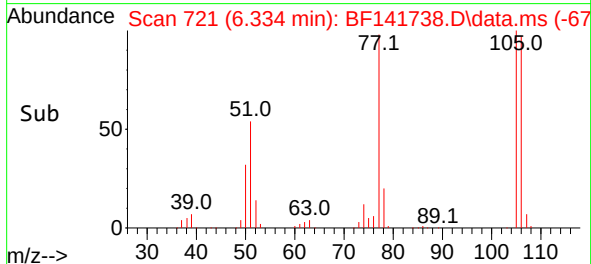
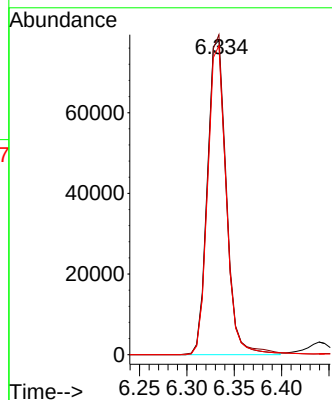
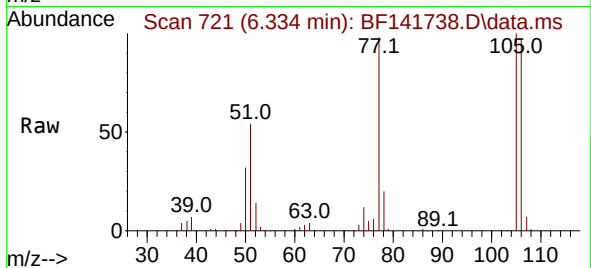




#9
Benzaldehyde
Concen: 27.499 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

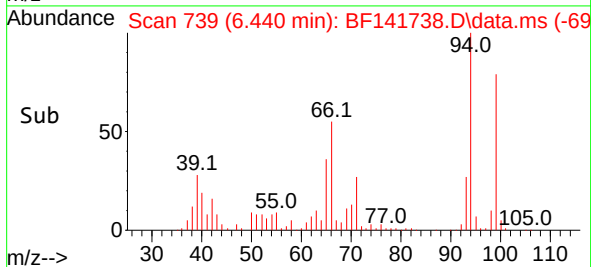
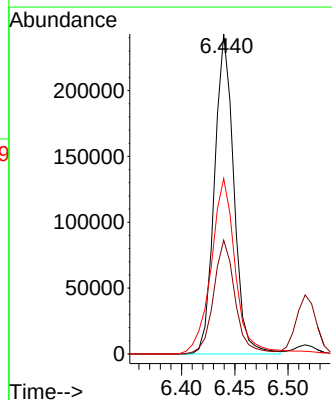
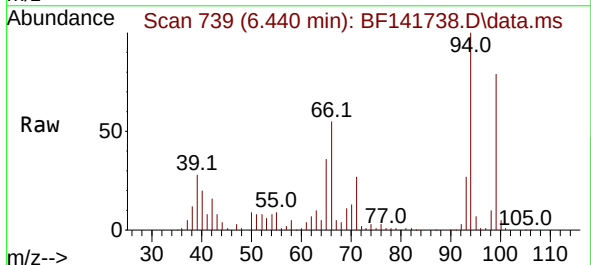
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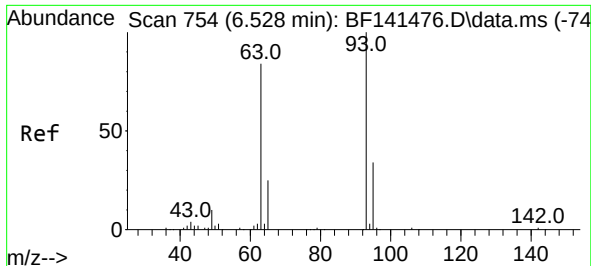
Tgt Ion: 77 Resp: 107314
Ion Ratio Lower Upper
77 100
105 101.8 79.4 119.4
106 98.3 75.1 115.1



#10
Phenol
Concen: 40.102 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
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Tgt Ion: 94 Resp: 306515
Ion Ratio Lower Upper
94 100
65 35.6 23.7 63.7
66 54.8 49.3 89.3

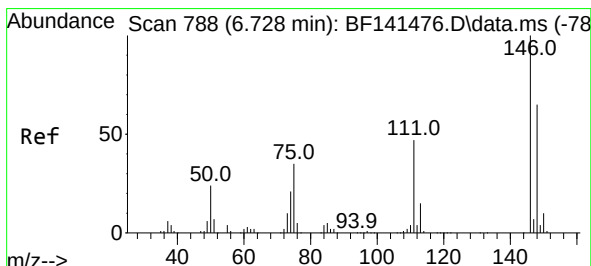
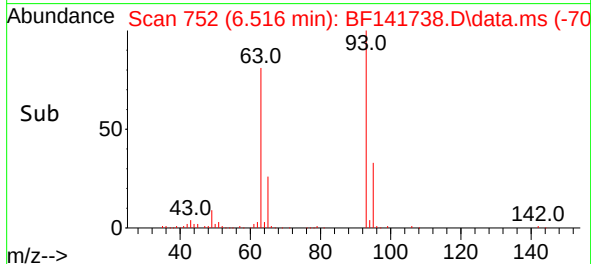
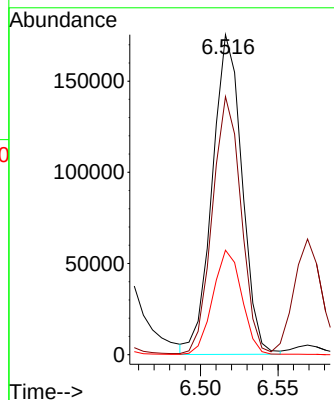
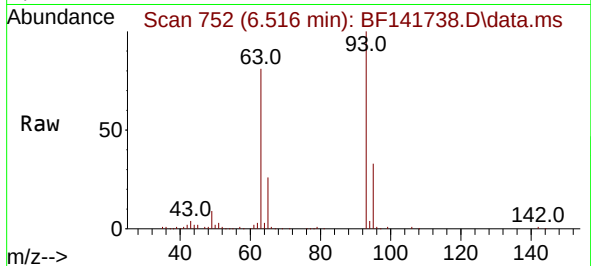




#11
bis(2-Chloroethyl)ether
Concen: 40.699 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

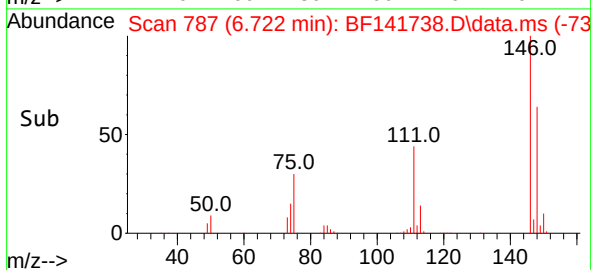
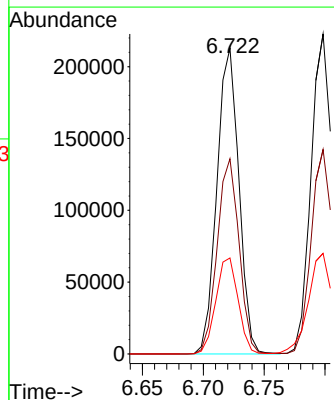
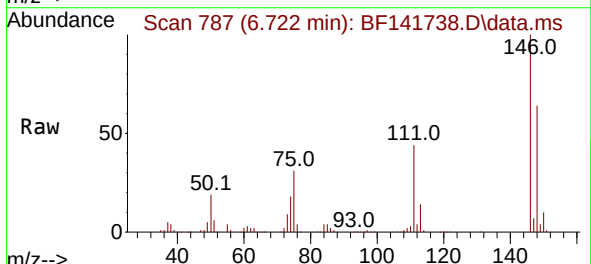
Instrument :
BNA_F
ClientSampleId :
TP8MS

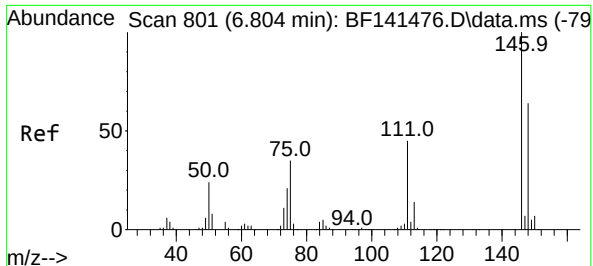
Tgt Ion: 93 Resp: 233655
Ion Ratio Lower Upper
93 100
63 80.7 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.389 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:146 Resp: 267701
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 40.517 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

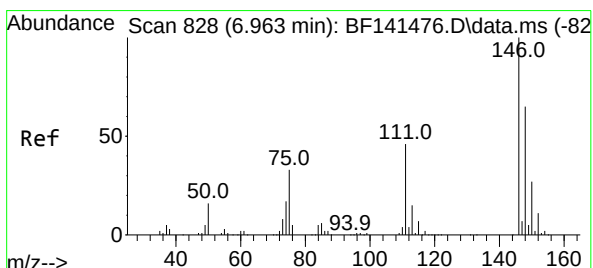
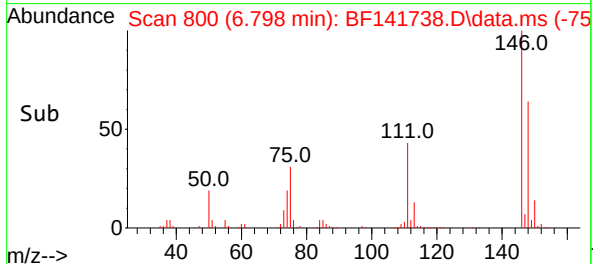
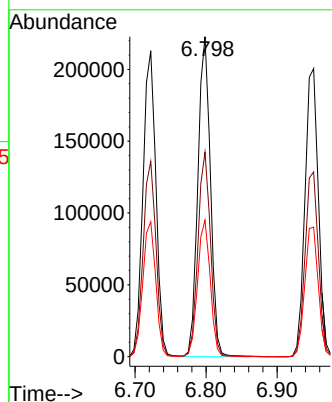
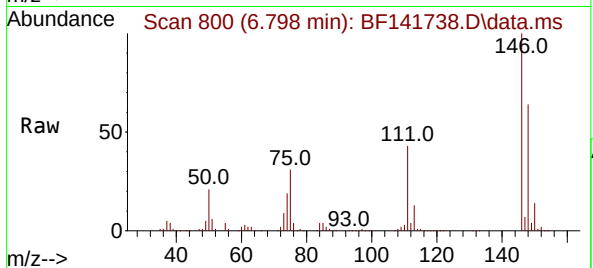
Tgt Ion:146 Resp: 274383

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 42.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 41.630 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

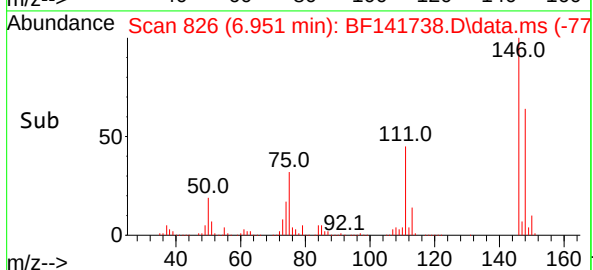
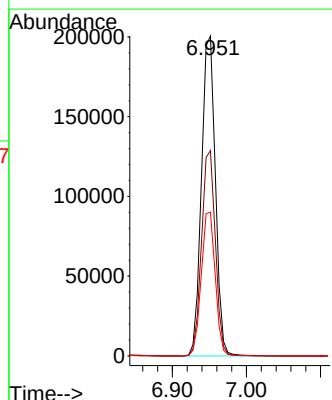
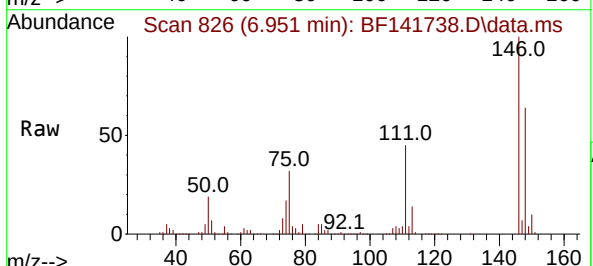
Tgt Ion:146 Resp: 261656

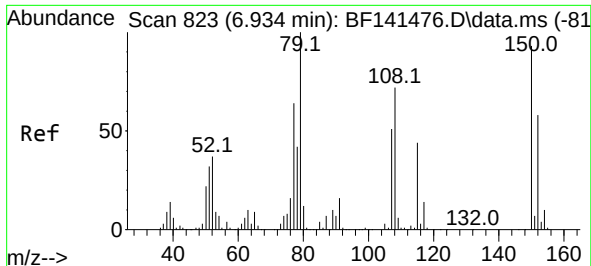
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 44.9 37.0 55.4

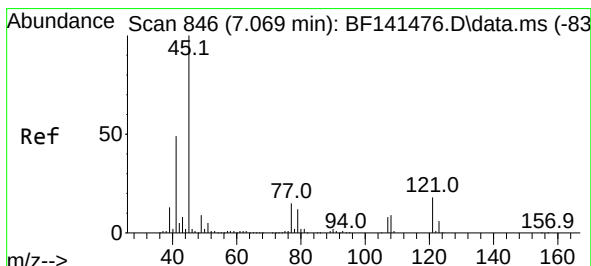
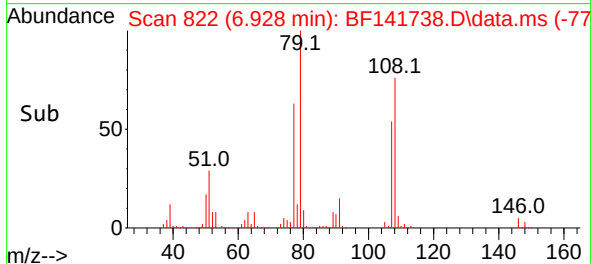
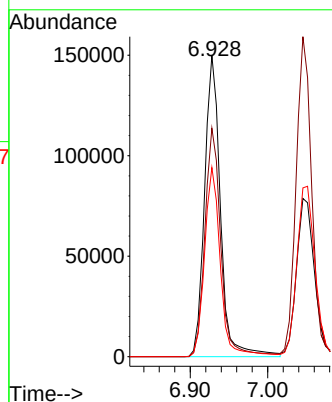
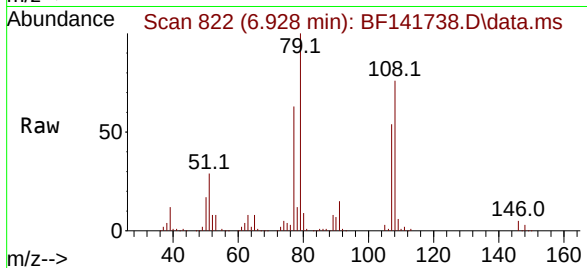




#15
Benzyl Alcohol
Concen: 37.976 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

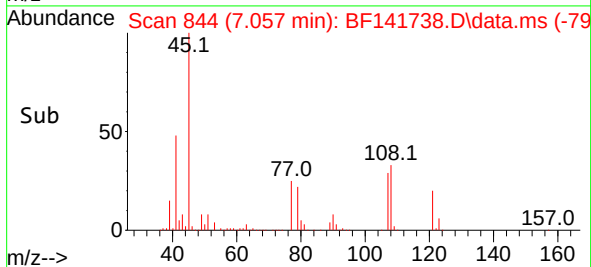
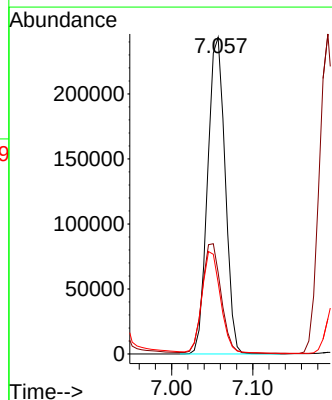
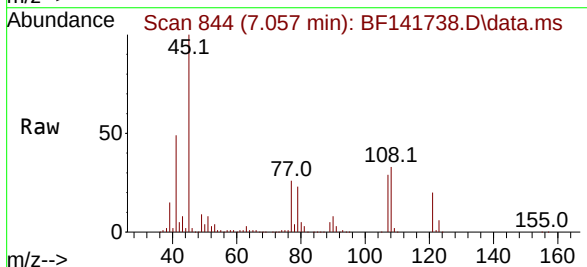
Instrument :
BNA_F
ClientSampleId :
TP8MS

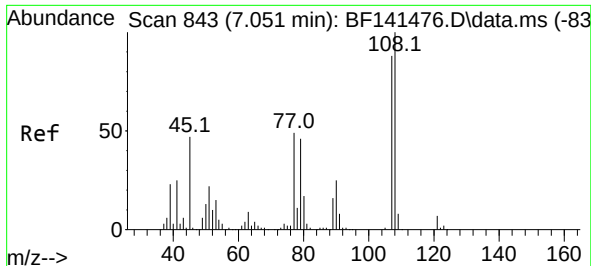
Tgt Ion: 79 Resp: 213864
Ion Ratio Lower Upper
79 100
108 75.8 57.4 86.2
77 62.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.022 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 45 Resp: 363839
Ion Ratio Lower Upper
45 100
77 25.8 0.0 35.8
79 22.6 0.0 32.7

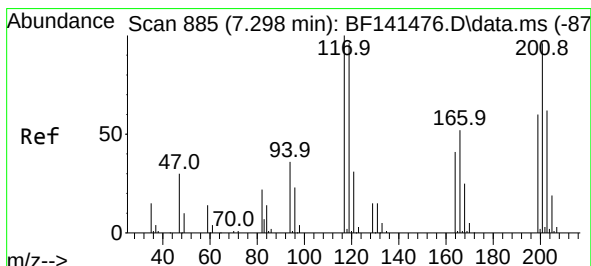
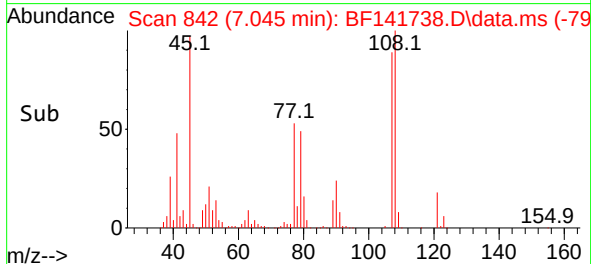
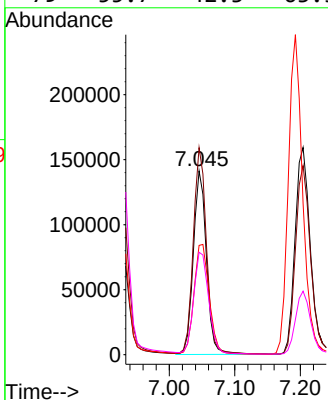
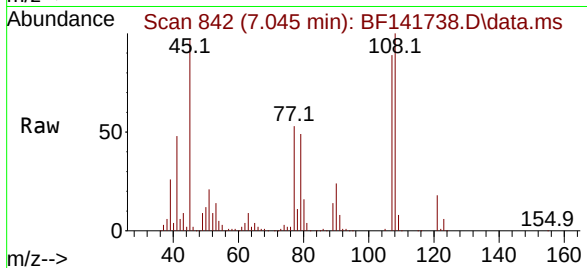




#17
2-Methylphenol
Concen: 40.194 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

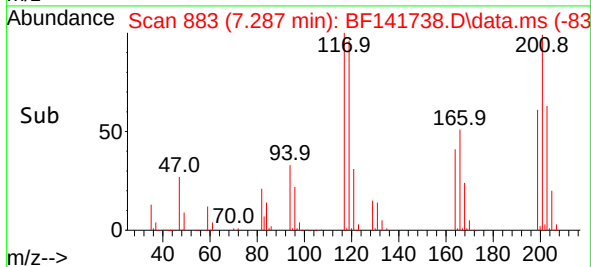
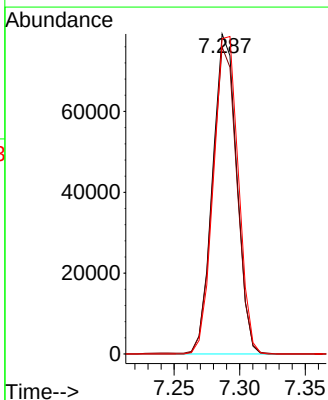
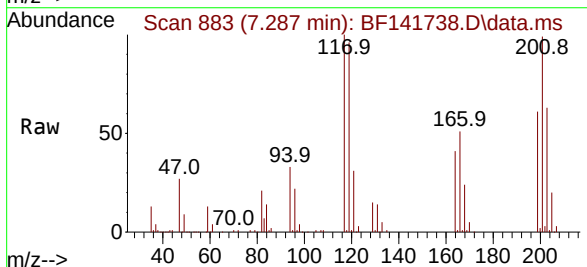
Instrument :
BNA_F
ClientSampleId :
TP8MS

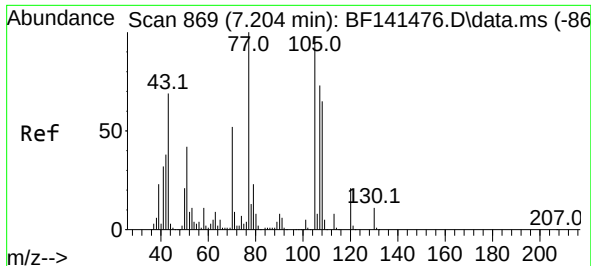
Tgt Ion:107 Resp: 197477
Ion Ratio Lower Upper
107 100
108 112.6 90.6 136.0
77 59.4 44.4 66.6
79 55.7 42.3 63.5



#18
Hexachloroethane
Concen: 40.396 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:117 Resp: 101243
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 98.5 76.7 115.1

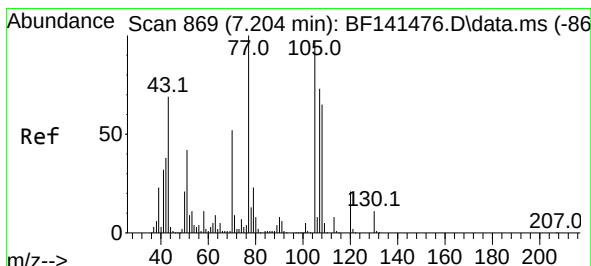
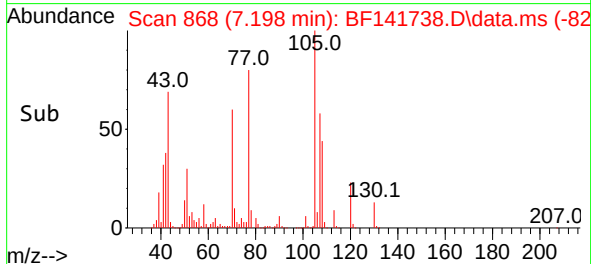
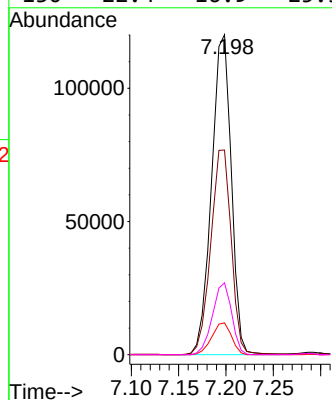
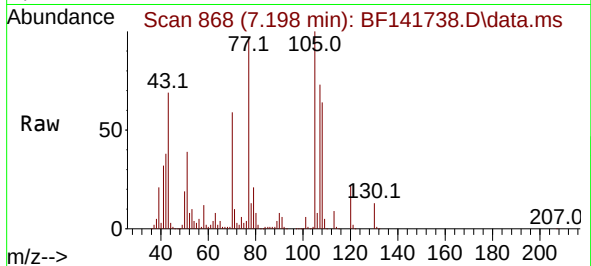




#19
n-Nitroso-di-n-propylamine
Concen: 39.594 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

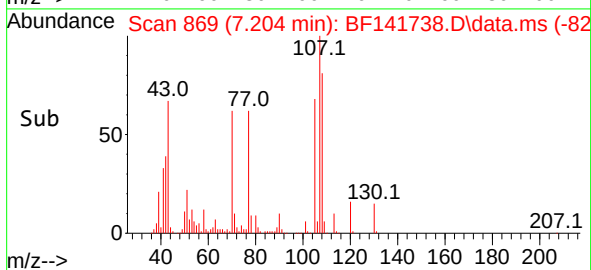
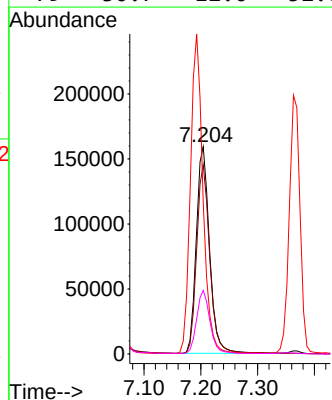
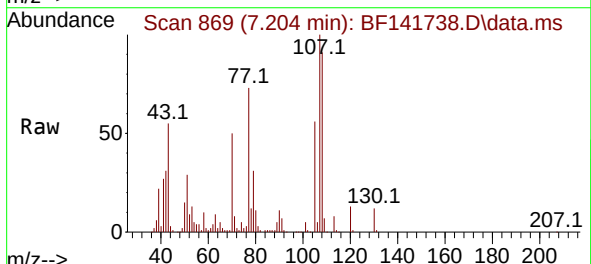
Instrument :
BNA_F
ClientSampleId :
TP8MS

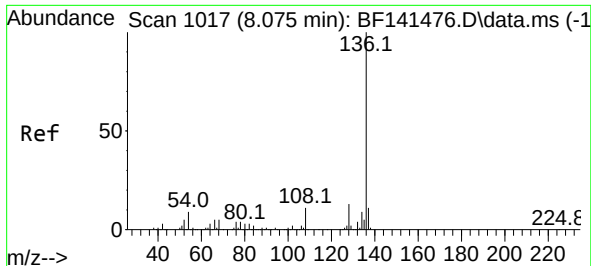
Tgt Ion: 70 Resp: 173929
Ion Ratio Lower Upper
70 100
42 63.9 57.4 86.2
101 10.0 8.0 12.0
130 22.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 41.435 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 107 Resp: 258716
Ion Ratio Lower Upper
107 100
108 91.3 68.5 108.5
77 73.0 116.5 156.5#
79 30.7 12.0 52.0

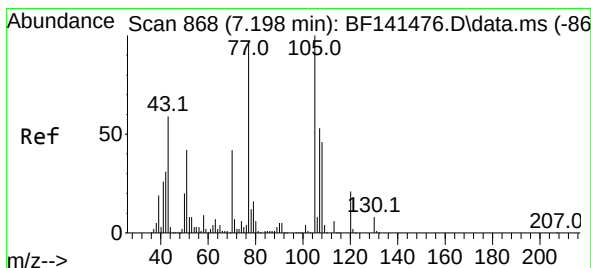
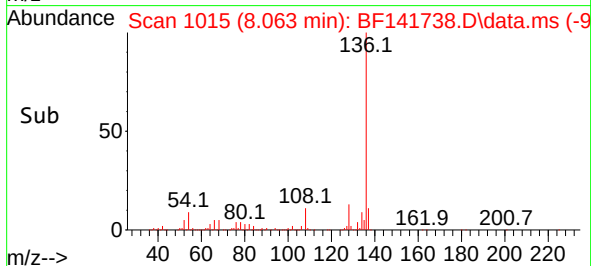
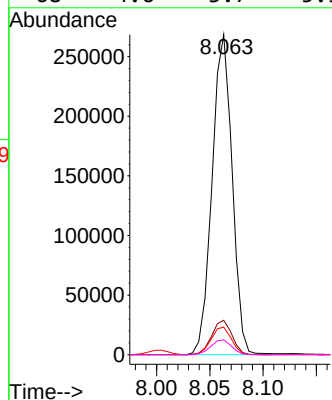
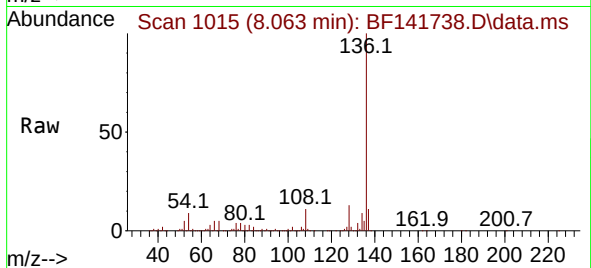




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

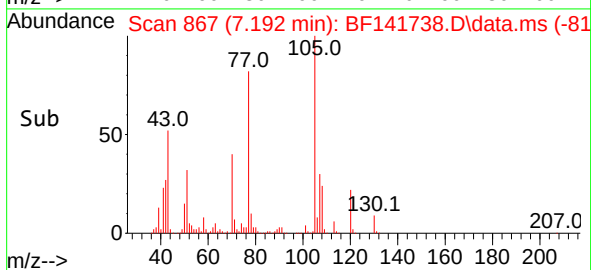
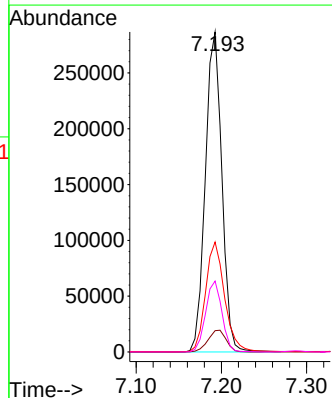
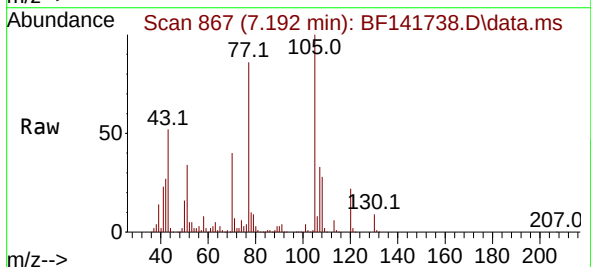
Instrument :
BNA_F
ClientSampleId :
TP8MS

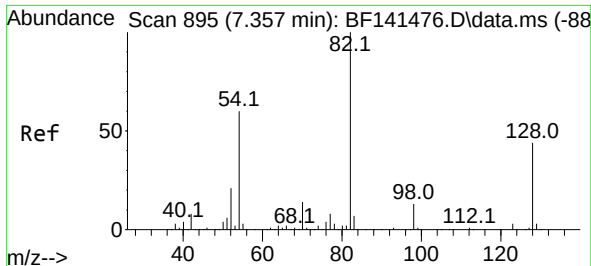
Tgt Ion:	136	Resp:	351581
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.2	10.8
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 44.285 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:	105	Resp:	387304
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.7	8.5
51	34.4	33.7	50.5
120	22.2	17.0	25.6

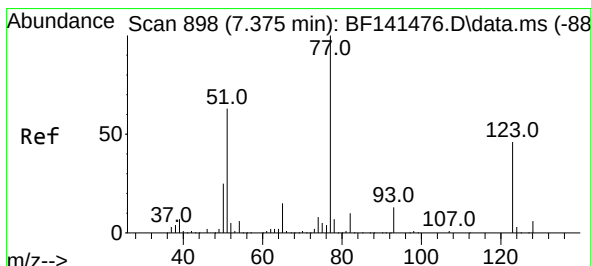
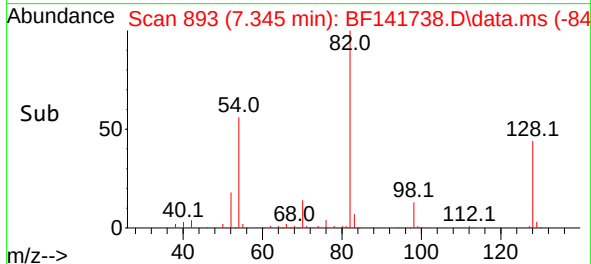
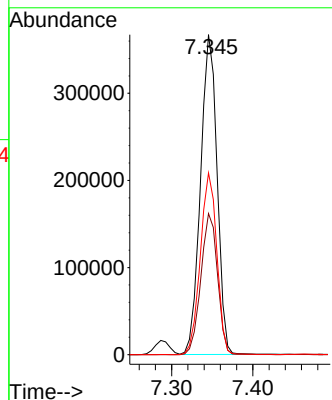
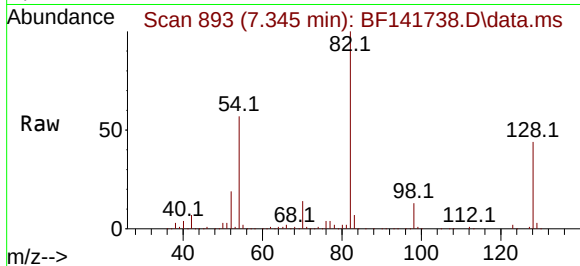




#23
Nitrobenzene-d5
Concen: 77.034 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

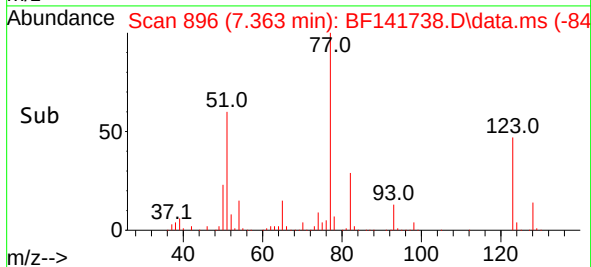
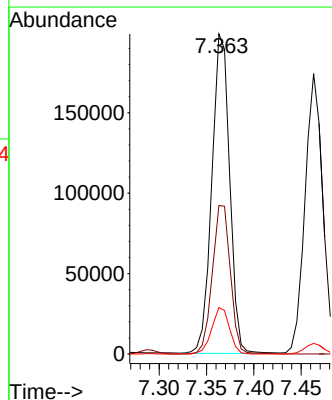
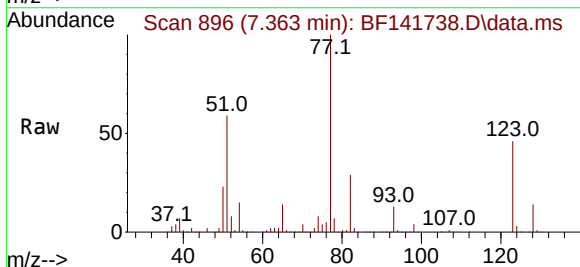
Instrument :
BNA_F
ClientSampleId :
TP8MS

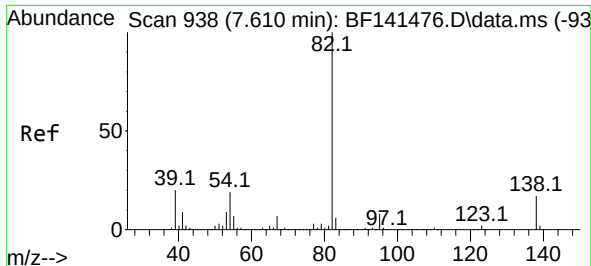
Tgt Ion: 82 Resp: 519261
Ion Ratio Lower Upper
82 100
128 44.1 34.8 52.2
54 56.8 48.2 72.4



#24
Nitrobenzene
Concen: 39.674 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 77 Resp: 260774
Ion Ratio Lower Upper
77 100
123 46.4 36.9 55.3
65 14.5 11.9 17.9

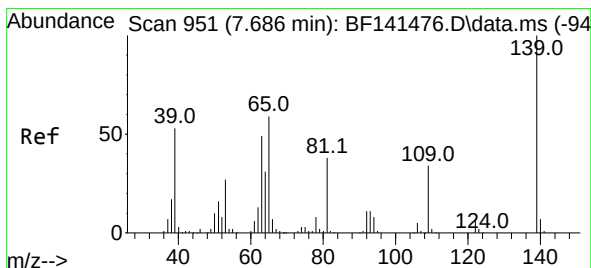
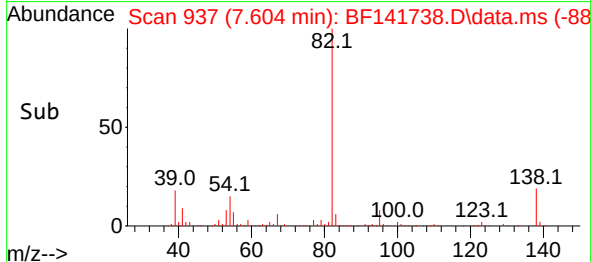
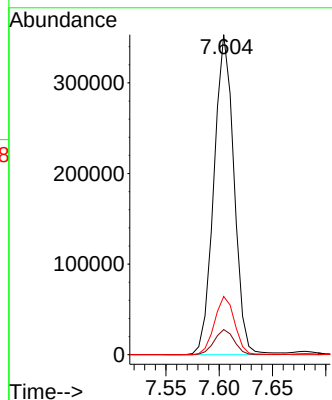
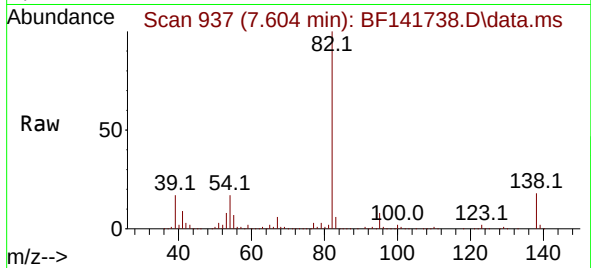




#25
Isophorone
Concen: 43.027 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

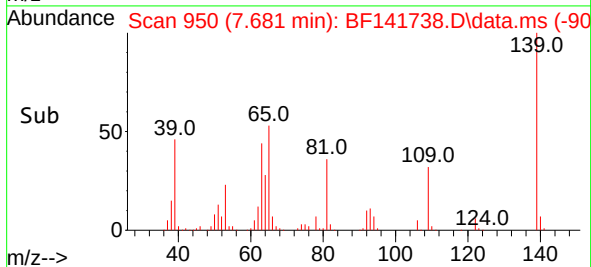
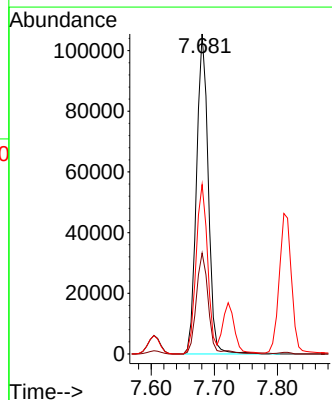
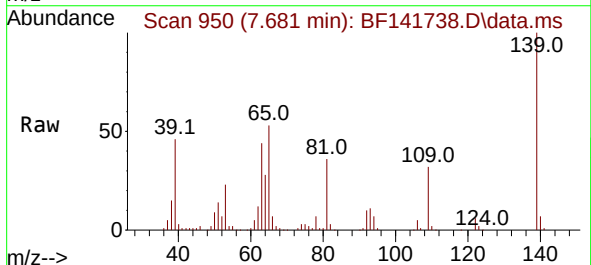
Instrument :
BNA_F
ClientSampleId :
TP8MS

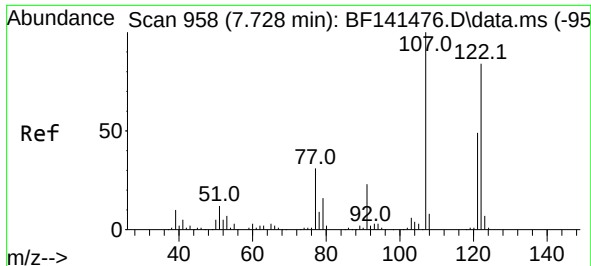
Tgt Ion: 82 Resp: 462444
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.612 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 139 Resp: 136079
Ion Ratio Lower Upper
139 100
109 31.5 27.0 40.6
65 52.9 47.1 70.7

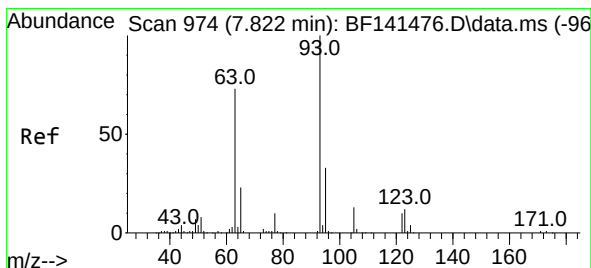
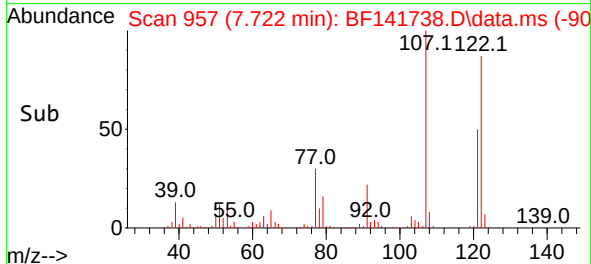
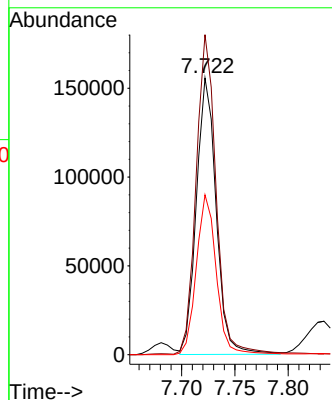
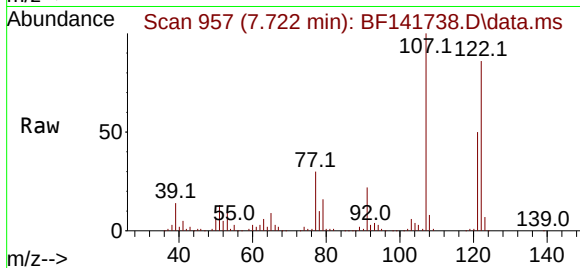




#27
2,4-Dimethylphenol
Concen: 53.015 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

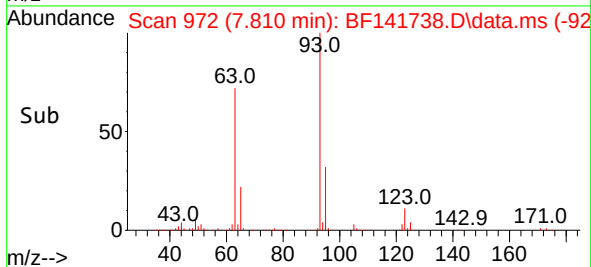
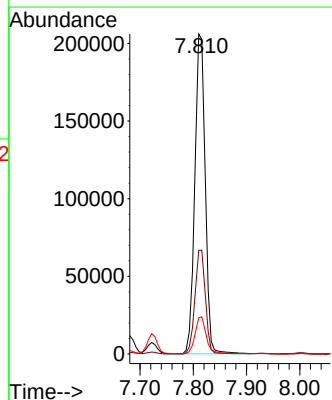
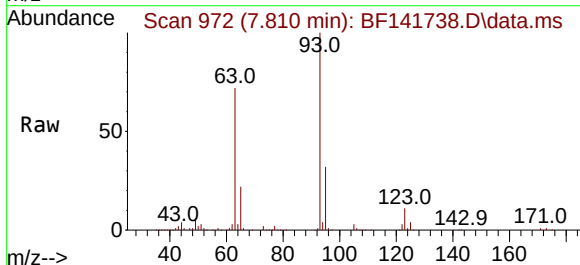
Instrument :
BNA_F
ClientSampleId :
TP8MS

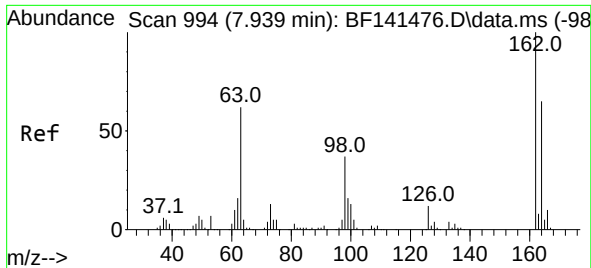
Tgt Ion:122 Resp: 202532
Ion Ratio Lower Upper
122 100
107 115.6 94.3 141.5
121 57.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.635 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 93 Resp: 279855
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.636 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

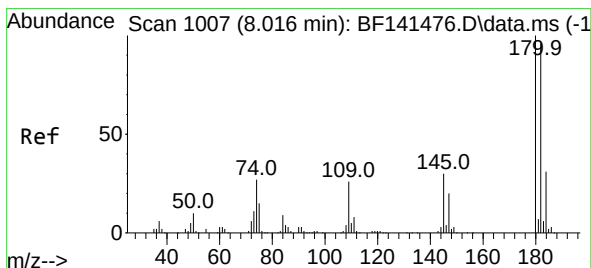
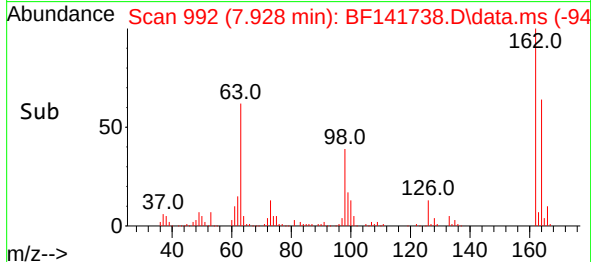
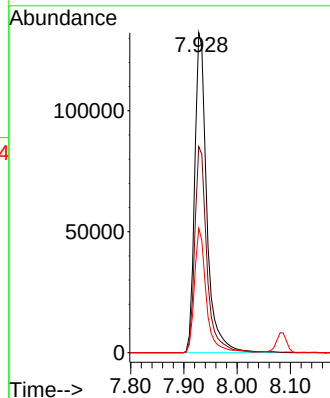
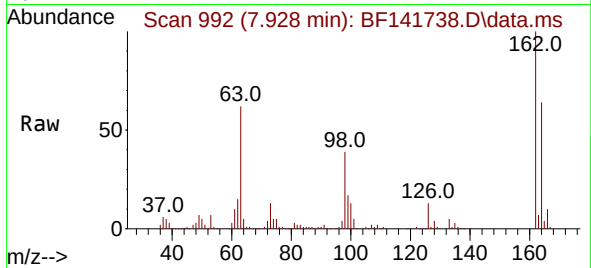
Tgt Ion:162 Resp: 209753

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

98 38.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.794 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

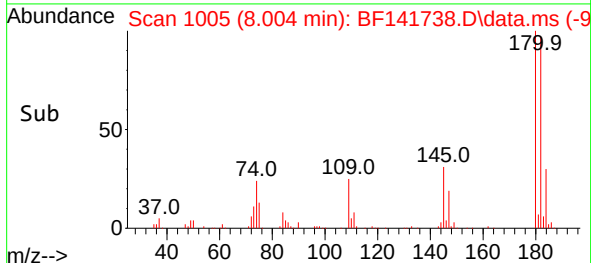
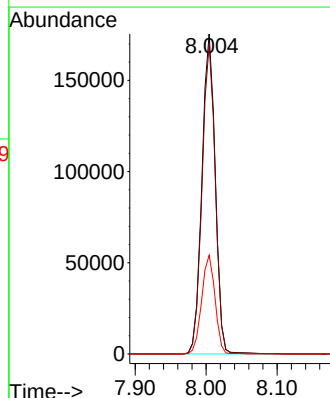
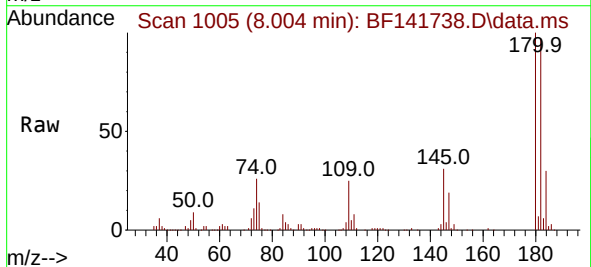
Tgt Ion:180 Resp: 229304

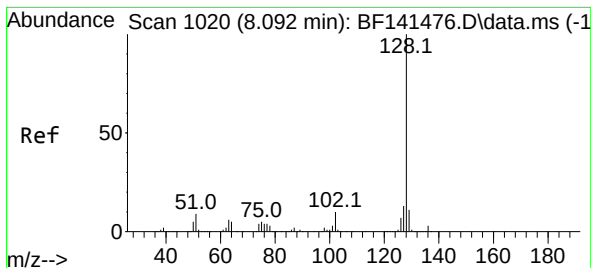
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 30.8 24.2 36.4





#31

Naphthalene

Concen: 40.379 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

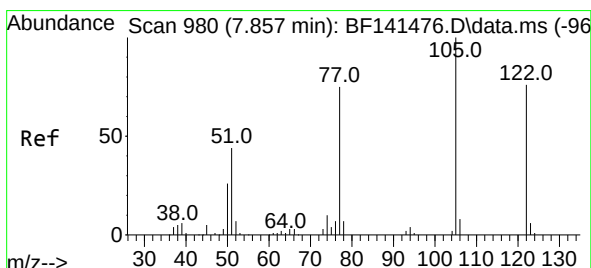
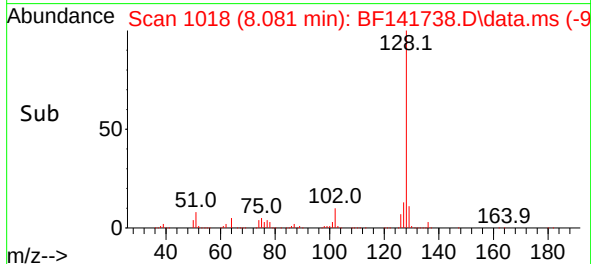
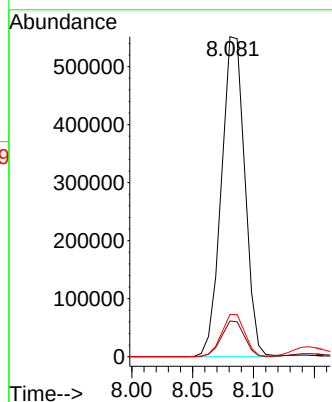
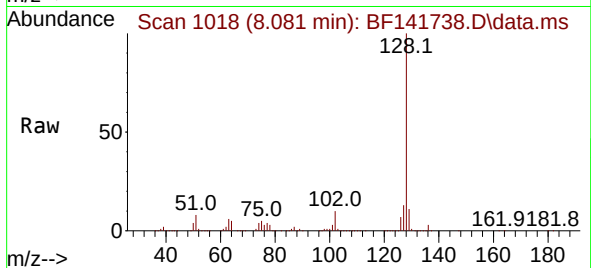
Tgt Ion:128 Resp: 738974

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 10.911 ng m

RT: 7.834 min Scan# 976

Delta R.T. -0.059 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

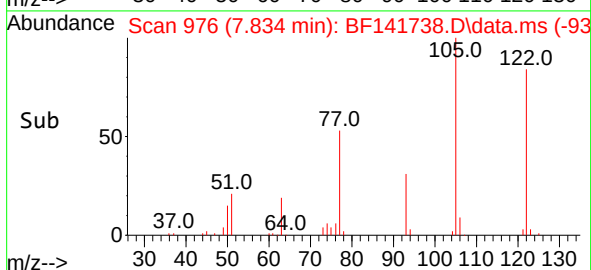
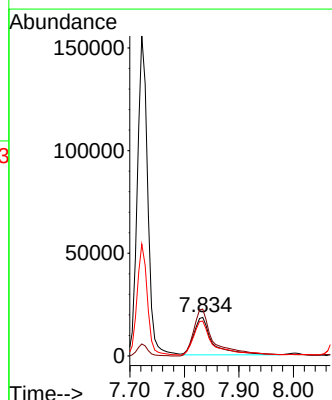
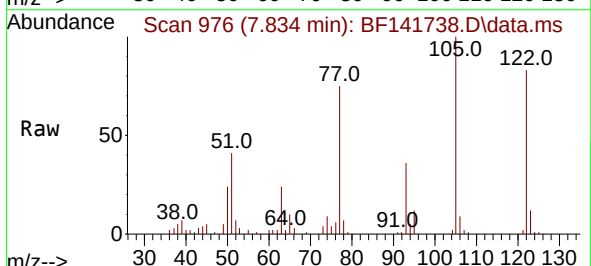
Tgt Ion:122 Resp: 43297

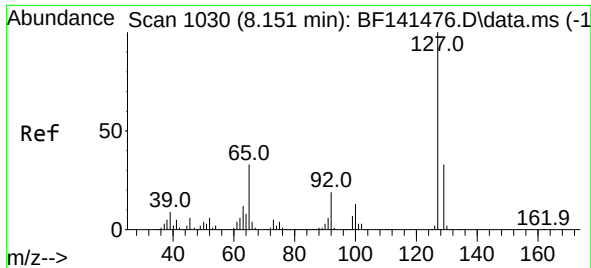
Ion Ratio Lower Upper

122 100

105 121.2 106.5 146.5

77 90.3 76.3 116.3

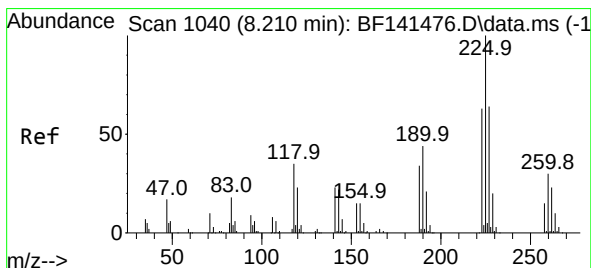
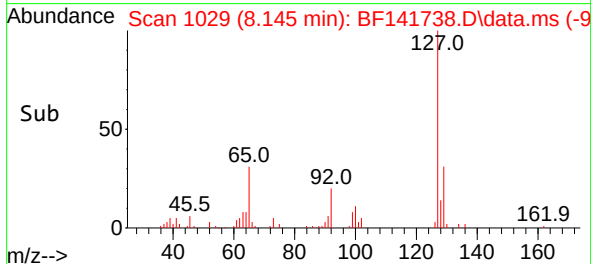
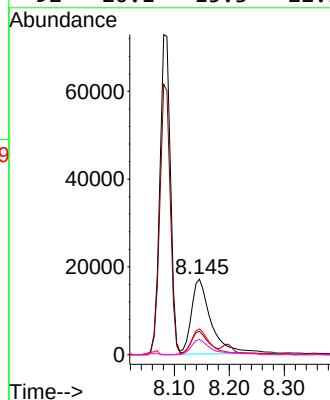
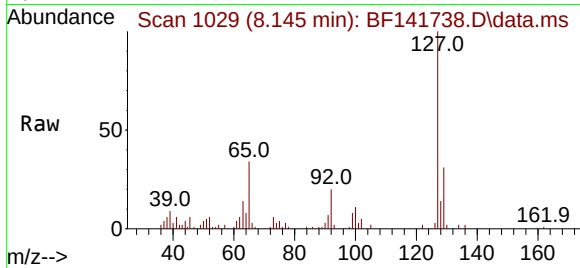




#33
4-Chloroaniline
Concen: 6.709 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

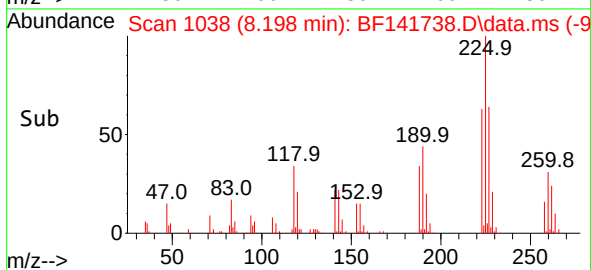
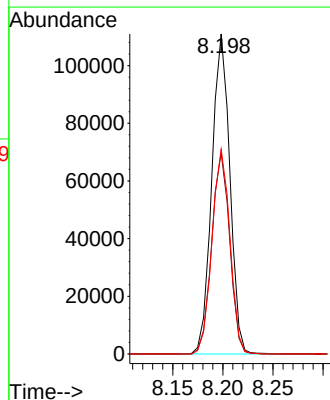
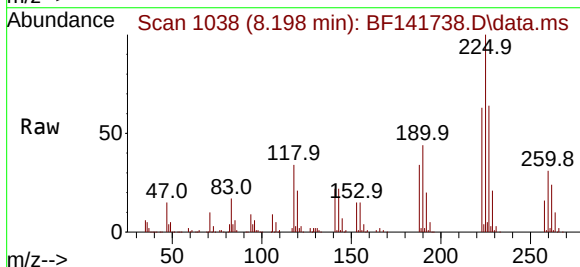
Instrument :
BNA_F
ClientSampleId :
TP8MS

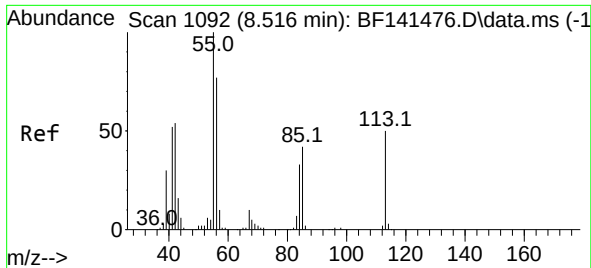
Tgt Ion:	127	Resp:	42867
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.5	39.7
65	34.0	26.4	39.6
92	20.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.081 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:	225	Resp:	138626
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.0	51.0	76.6

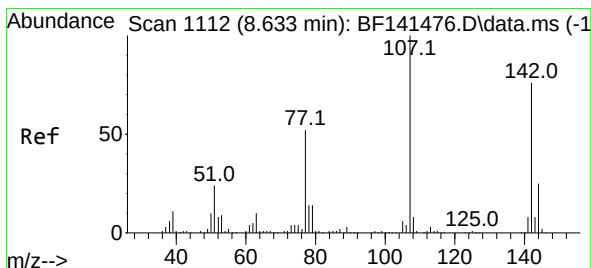
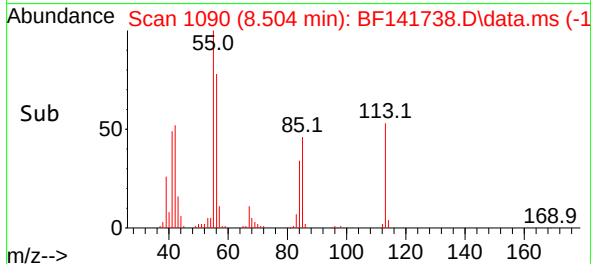
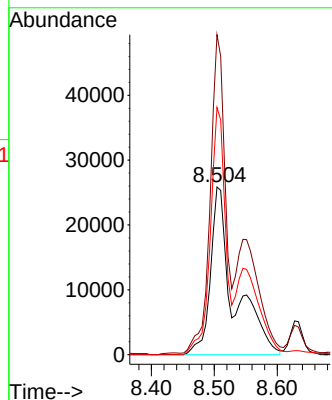
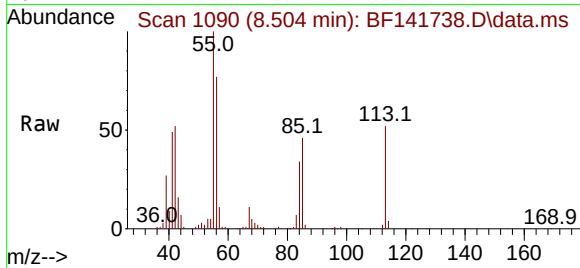




#35
 Caprolactam
 Concen: 42.828 ng m
 RT: 8.504 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF141738.D
 Acq: 24 Feb 2025 11:56

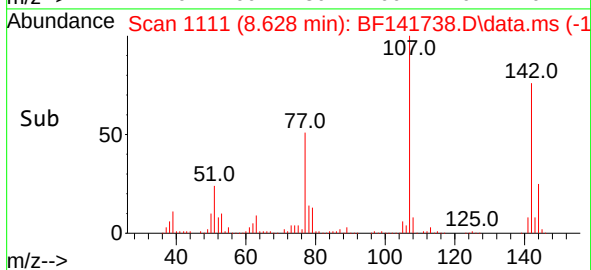
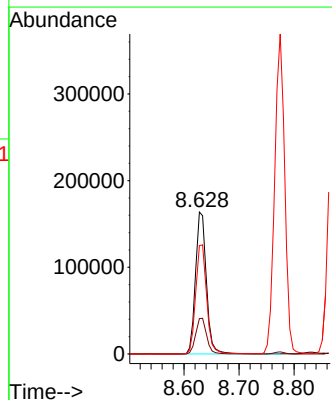
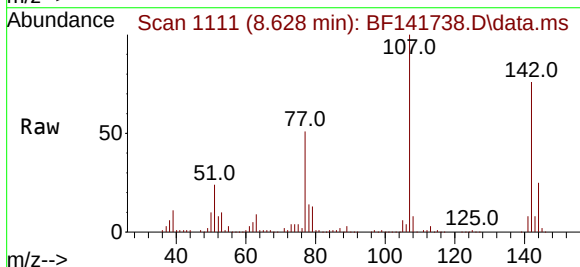
Instrument :
 BNA_F
 ClientSampleId :
 TP8MS

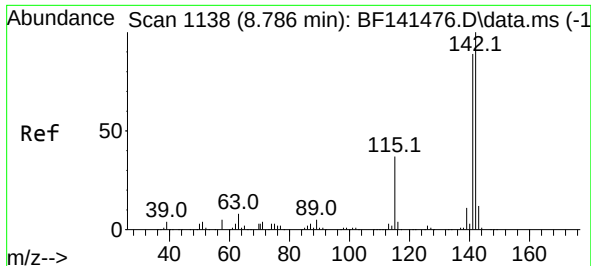
Tgt Ion:113 Resp: 67308
 Ion Ratio Lower Upper
 113 100
 55 190.8 180.8 220.8
 56 147.4 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.440 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141738.D
 Acq: 24 Feb 2025 11:56

Tgt Ion:107 Resp: 225507
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 76.2 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.345 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

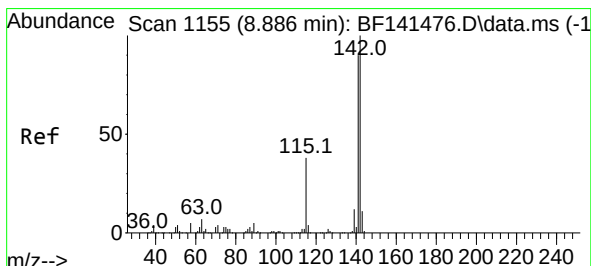
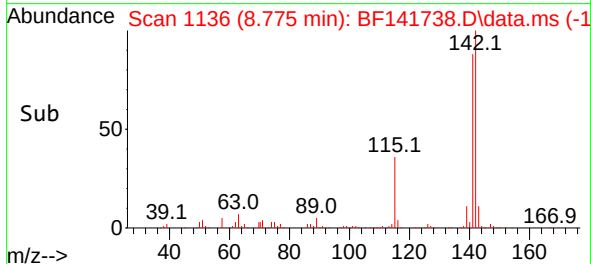
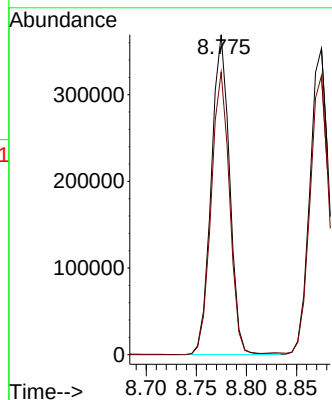
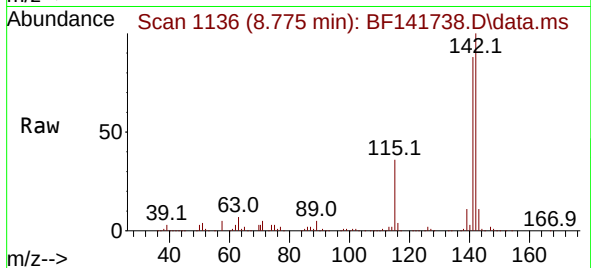
TP8MS

Tgt Ion:142 Resp: 468571

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.474 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141738.D

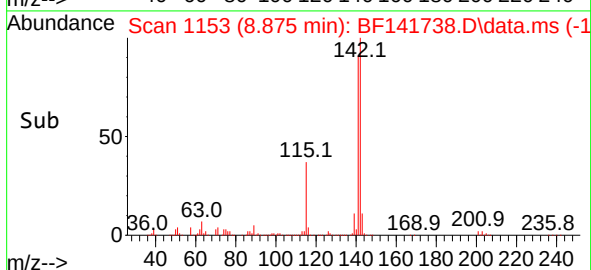
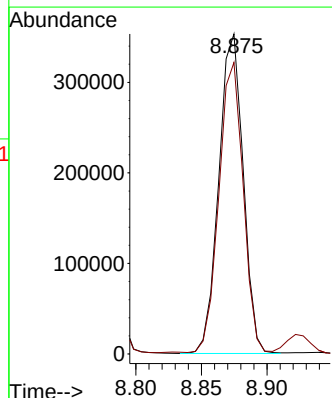
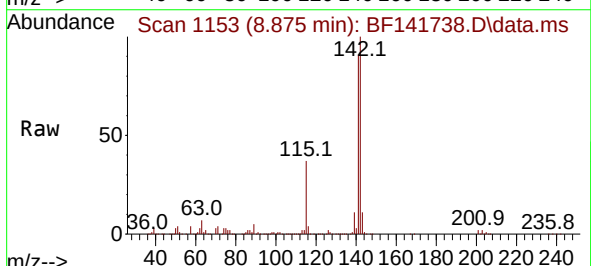
Acq: 24 Feb 2025 11:56

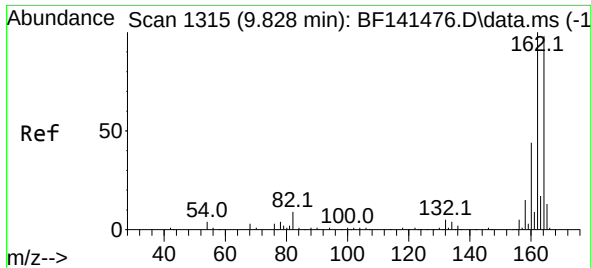
Tgt Ion:142 Resp: 455312

Ion Ratio Lower Upper

142 100

141 91.1 72.1 108.1

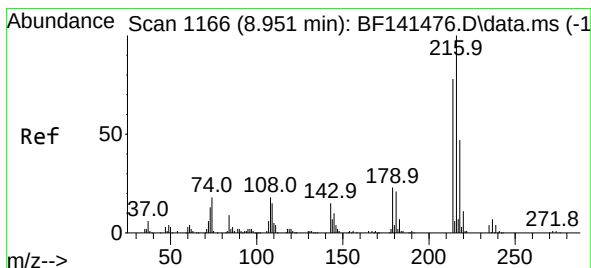
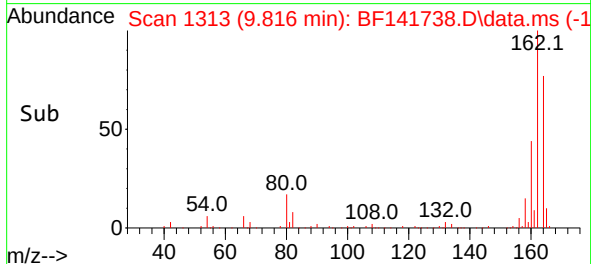
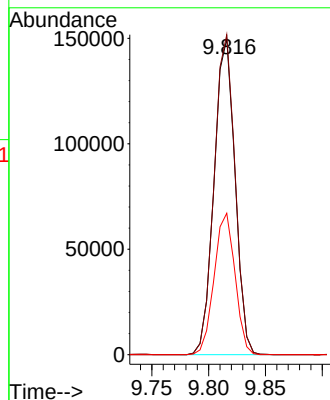
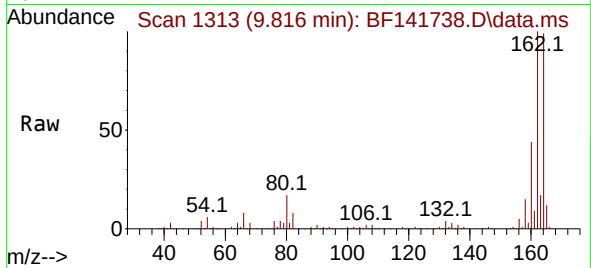




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

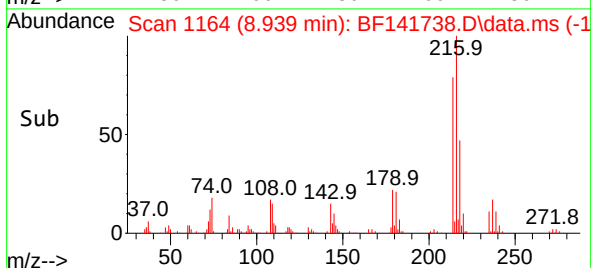
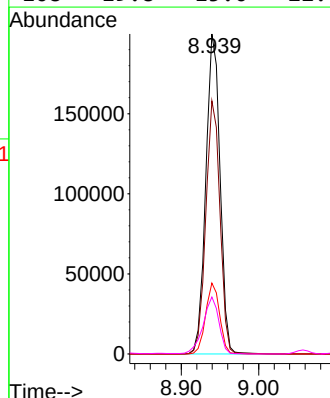
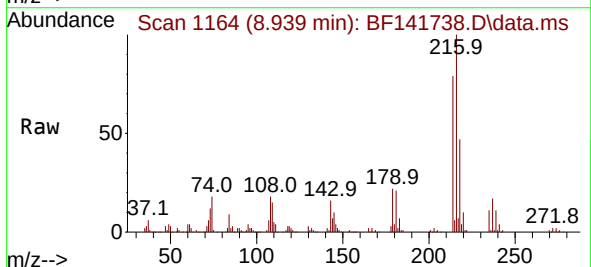
Instrument :
BNA_F
ClientSampleId :
TP8MS

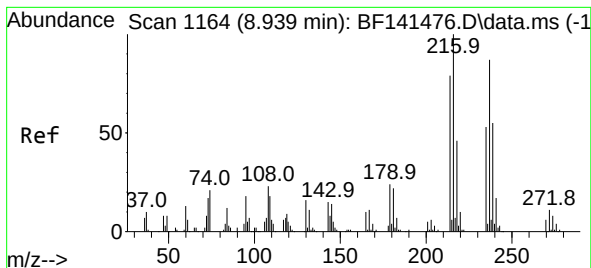
Tgt Ion:164 Resp: 192003
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.829 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:216 Resp: 254575
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 21.7 18.0 27.0
108 19.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 117.643 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

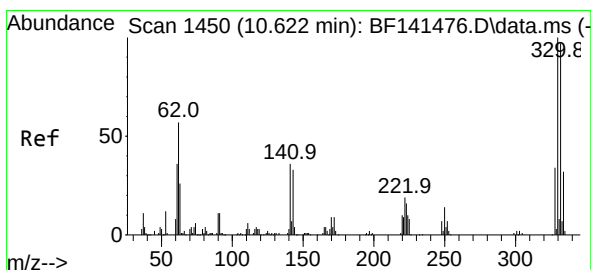
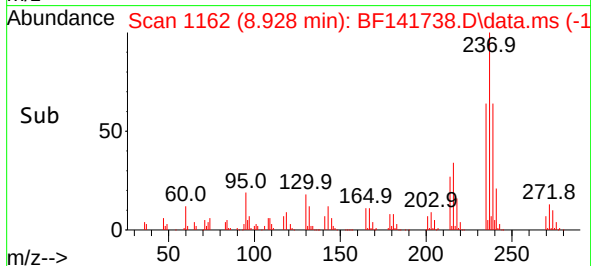
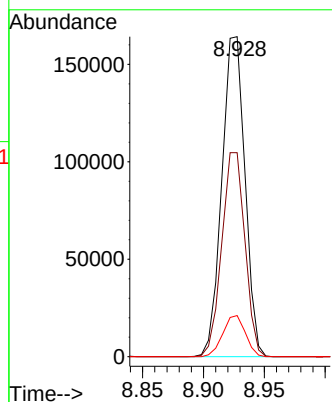
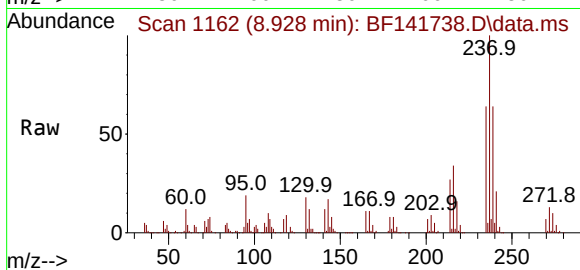
Tgt Ion:237 Resp: 217358

Ion Ratio Lower Upper

237 100

235 63.7 41.4 81.4

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 110.316 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

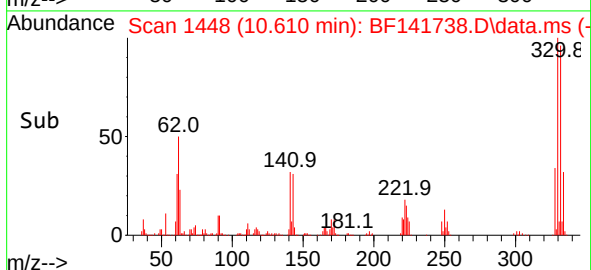
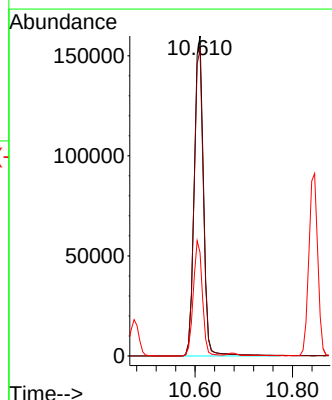
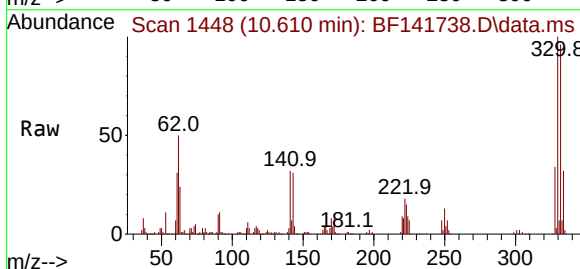
Tgt Ion:330 Resp: 212772

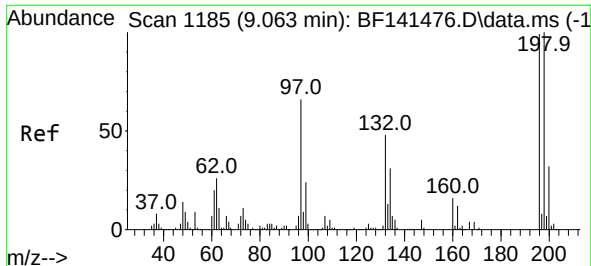
Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

141 35.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.069 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141738.D

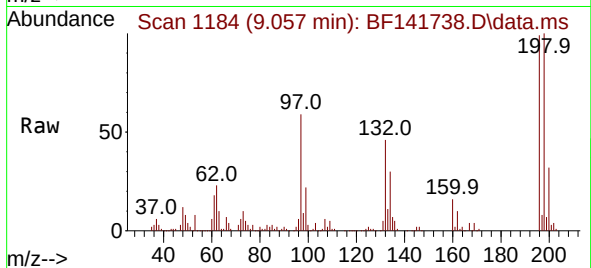
Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS



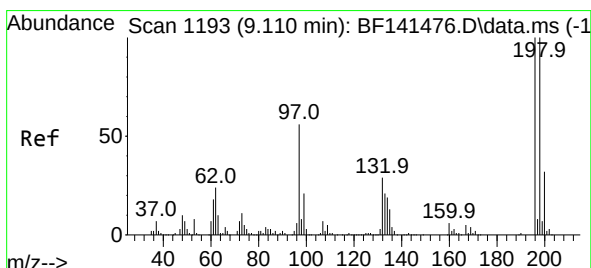
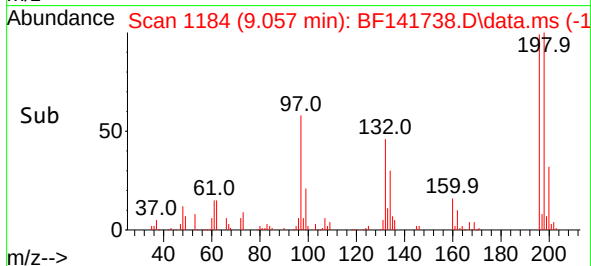
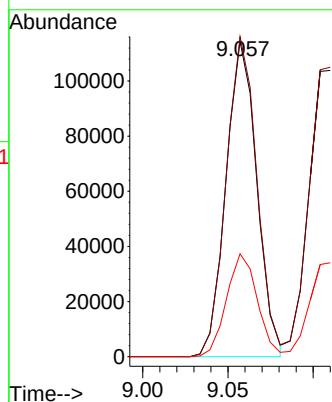
Tgt Ion:196 Resp: 143854

Ion Ratio Lower Upper

196 100

198 101.5 80.6 121.0

200 32.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 39.957 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Tgt Ion:196 Resp: 155470

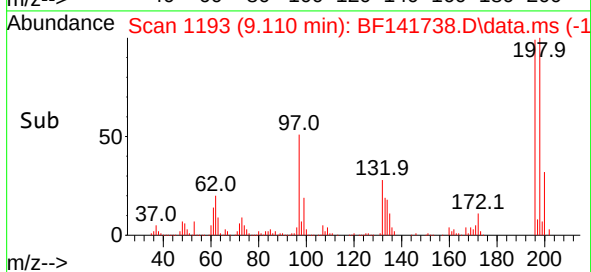
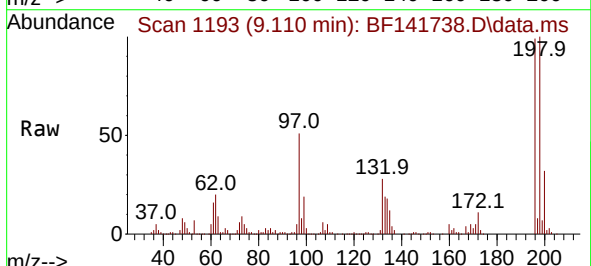
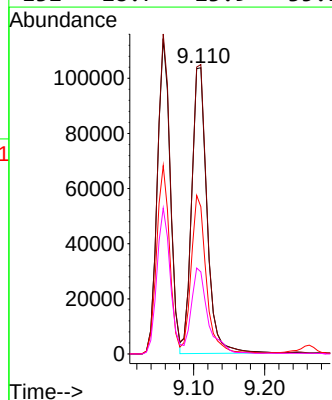
Ion Ratio Lower Upper

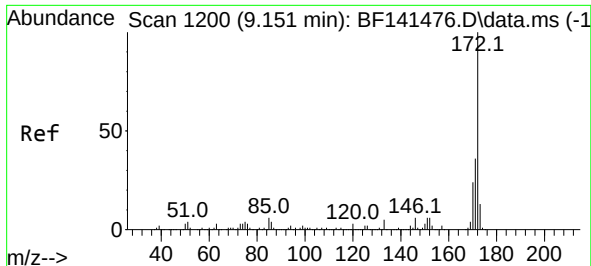
196 100

198 101.1 79.8 119.8

97 51.4 44.8 67.2

132 28.7 23.9 35.9

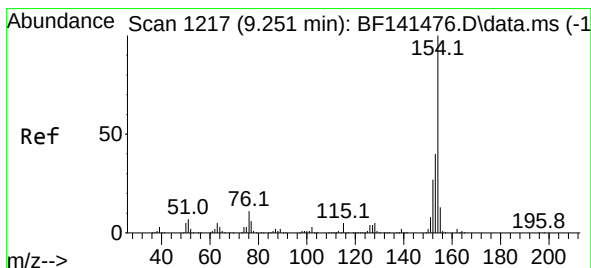
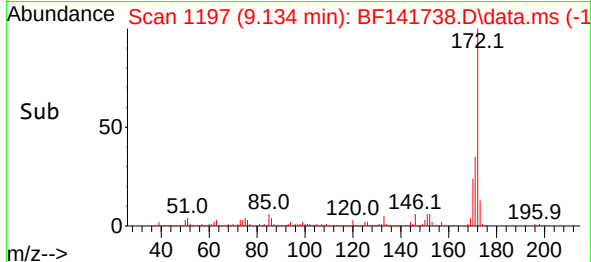
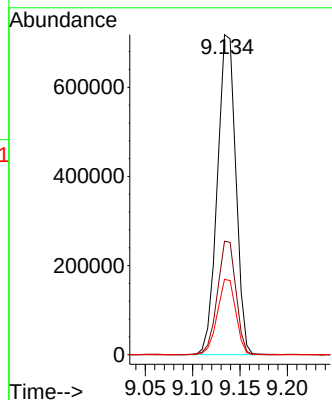
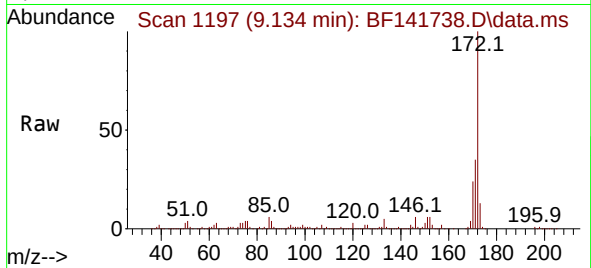




#45
2-Fluorobiphenyl
Concen: 78.212 ng
RT: 9.134 min Scan# 1117
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

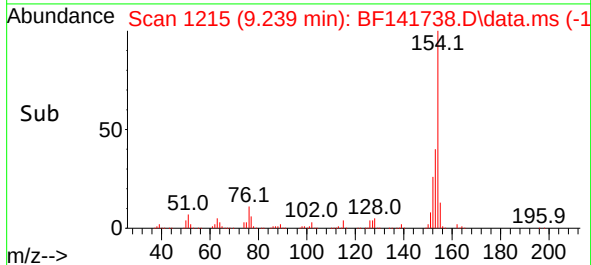
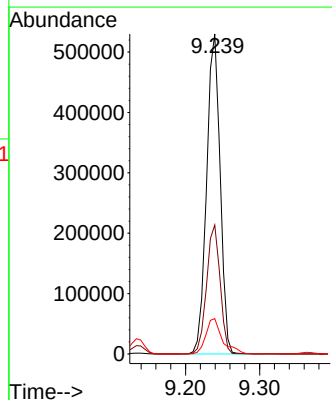
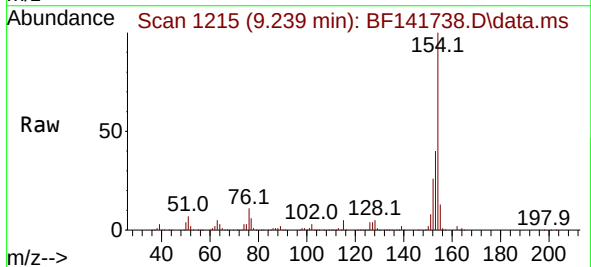
Instrument :
BNA_F
ClientSampleId :
TP8MS

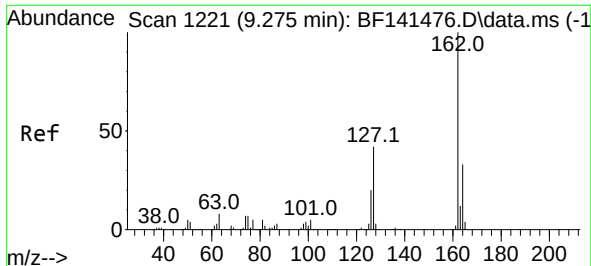
Tgt Ion:172 Resp: 974716
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.108 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:154 Resp: 671455
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.1 0.0 30.8

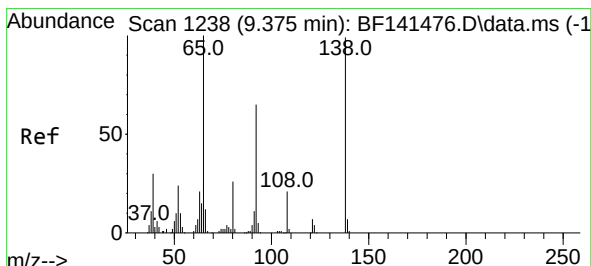
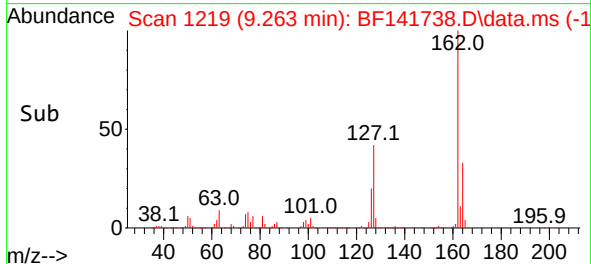
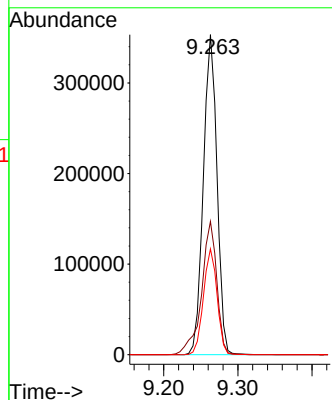
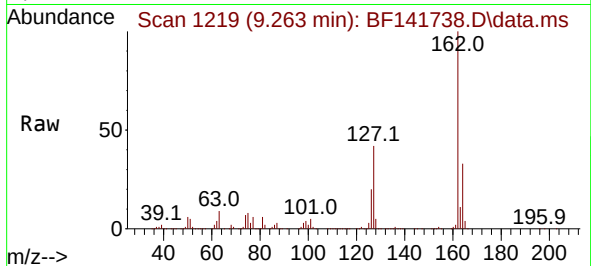




#47
2-Chloronaphthalene
Concen: 41.118 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

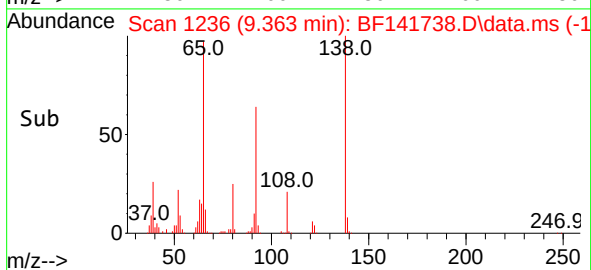
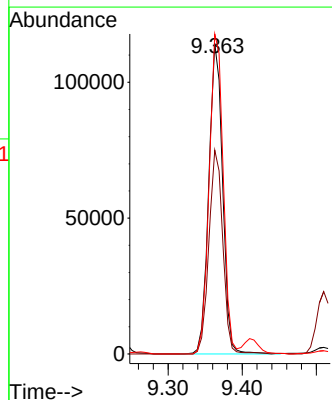
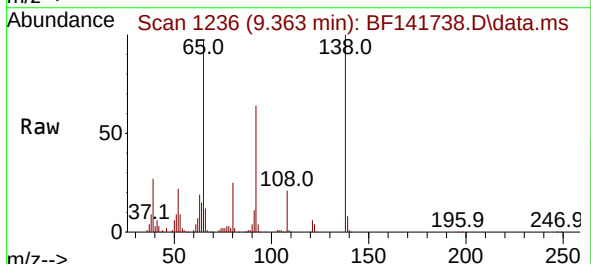
Instrument :
BNA_F
ClientSampleId :
TP8MS

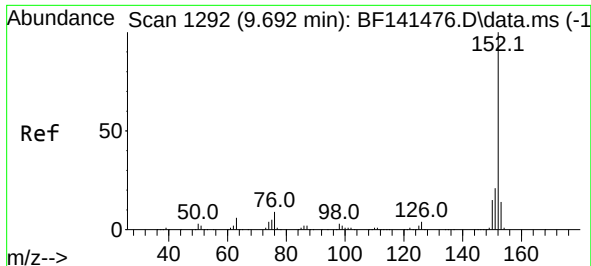
Tgt Ion:162 Resp: 452609
Ion Ratio Lower Upper
162 100
127 41.6 34.1 51.1
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 40.221 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion: 65 Resp: 148583
Ion Ratio Lower Upper
65 100
92 65.6 52.2 78.2
138 103.0 79.5 119.3

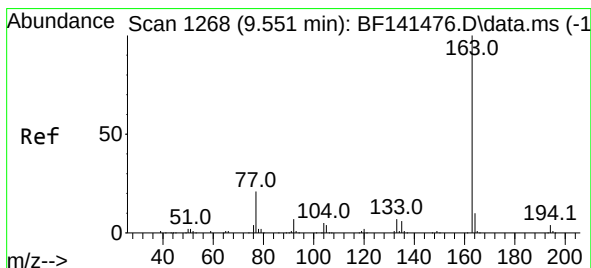
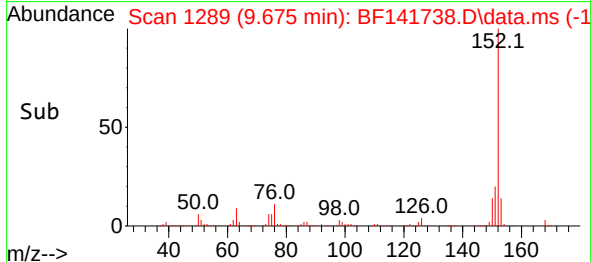
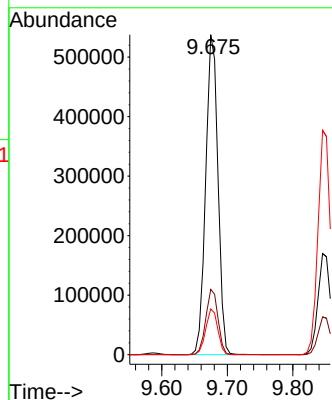
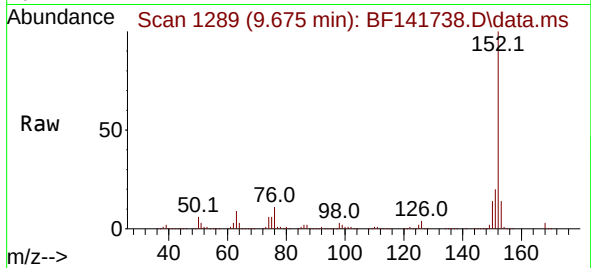




#49
Acenaphthylene
Concen: 42.749 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

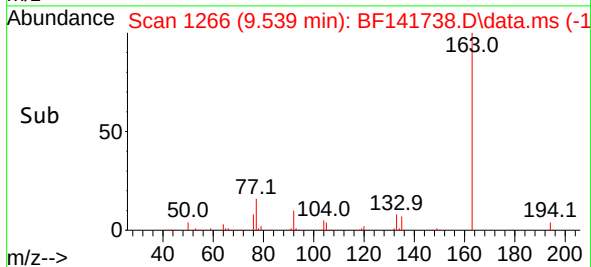
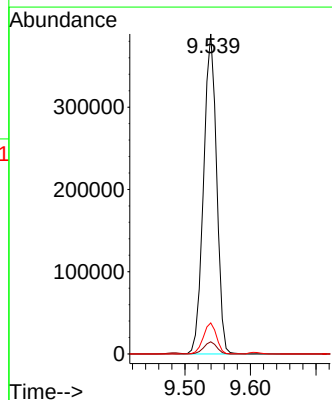
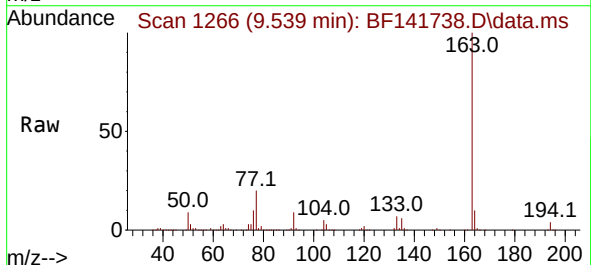
Instrument :
BNA_F
ClientSampleId :
TP8MS

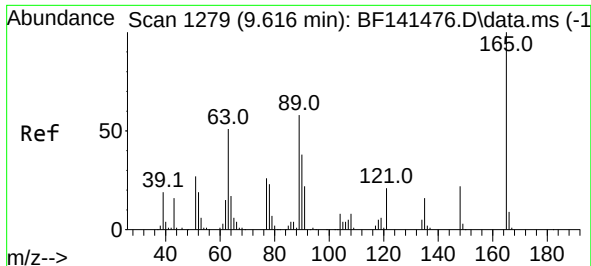
Tgt Ion:152 Resp: 699906
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.3 10.9 16.3



#50
Dimethylphthalate
Concen: 41.403 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:163 Resp: 539673
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 7.9 11.9

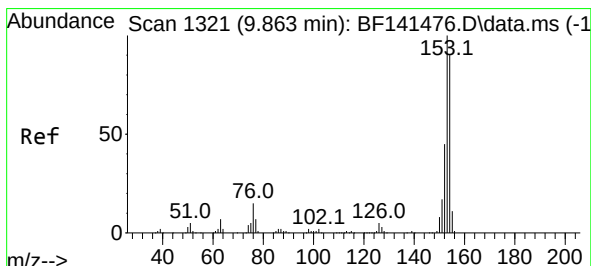
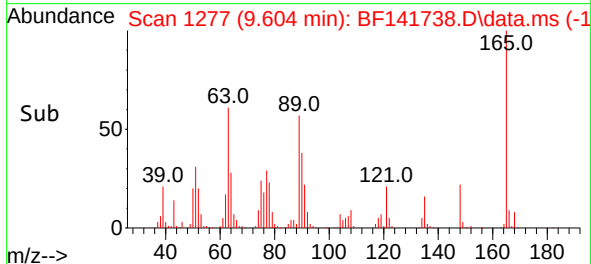
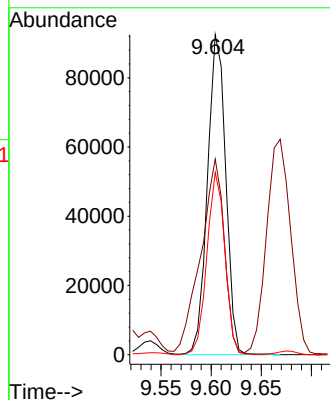
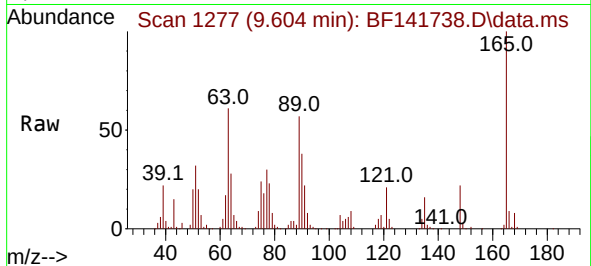




#51
2,6-Dinitrotoluene
Concen: 41.169 ng
RT: 9.604 min Scan# 1318
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

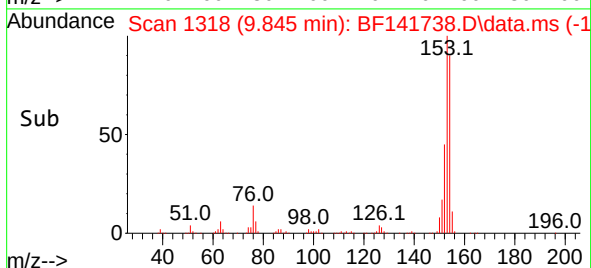
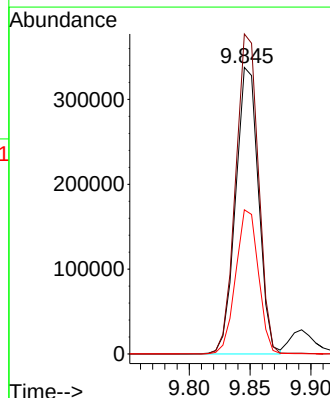
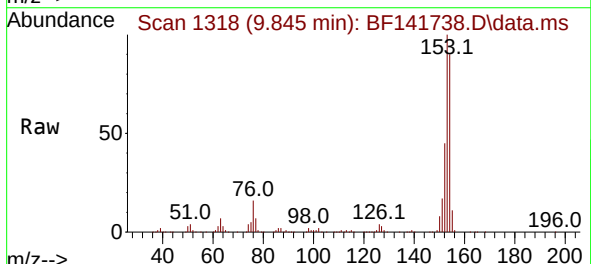
Instrument :
BNA_F
ClientSampleId :
TP8MS

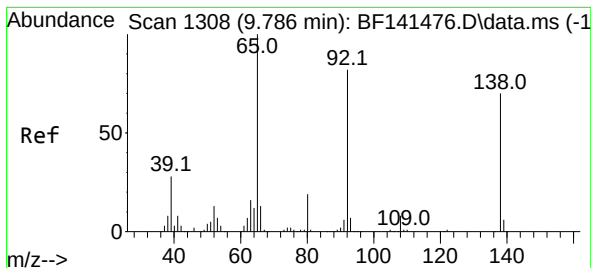
Tgt Ion:165 Resp: 117309
Ion Ratio Lower Upper
165 100
63 61.1 49.4 74.0
89 57.0 46.5 69.7



#52
Acenaphthene
Concen: 40.144 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:154 Resp: 441862
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 16.545 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

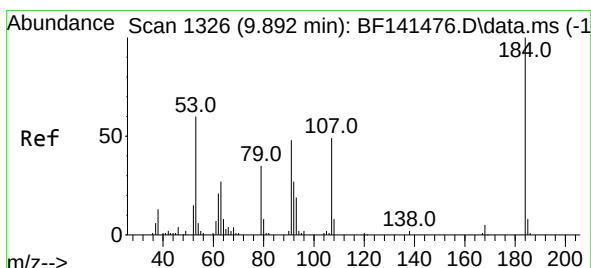
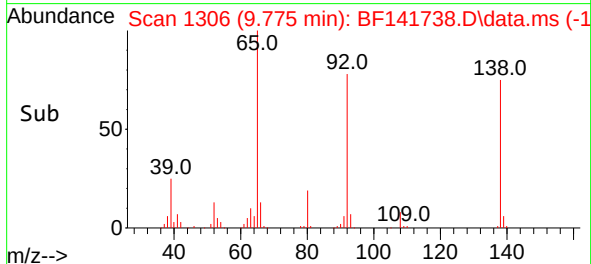
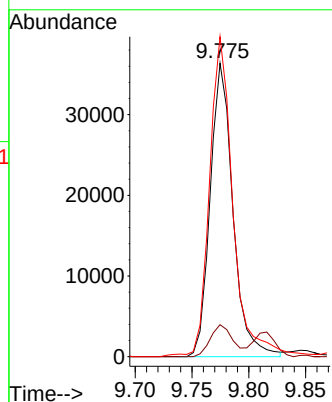
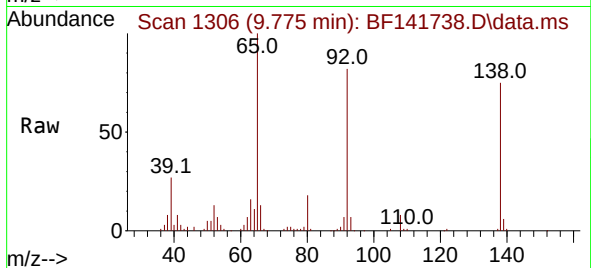
Tgt Ion:138 Resp: 50742

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 109.1 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 43.146 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

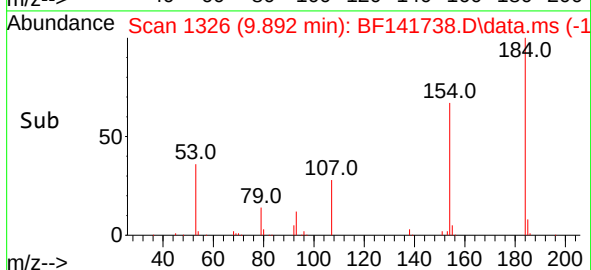
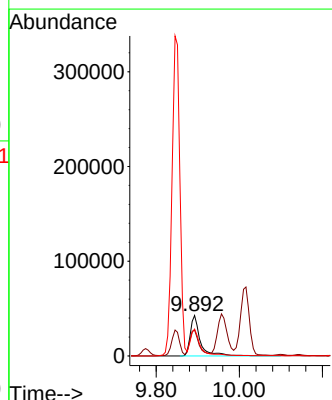
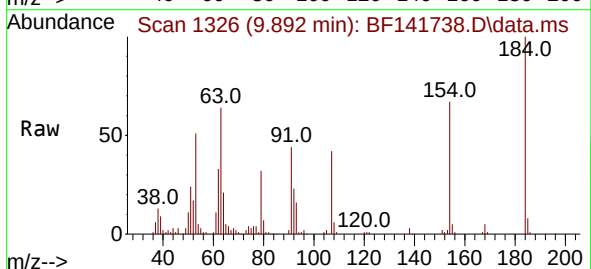
Tgt Ion:184 Resp: 73068

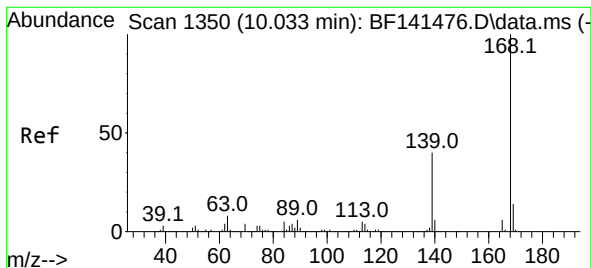
Ion Ratio Lower Upper

184 100

63 64.1 61.0 91.6

154 66.5 59.9 89.9





#55

Dibenzenofuran

Concen: 39.159 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

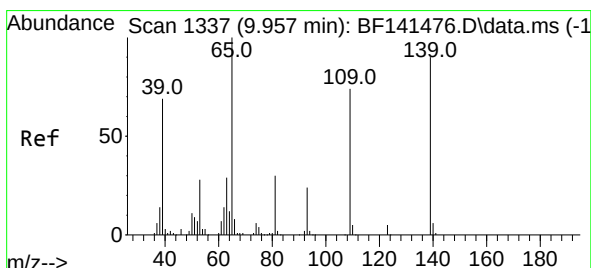
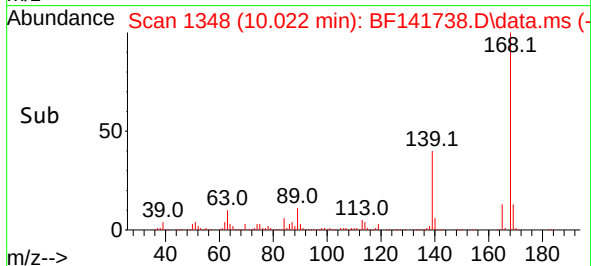
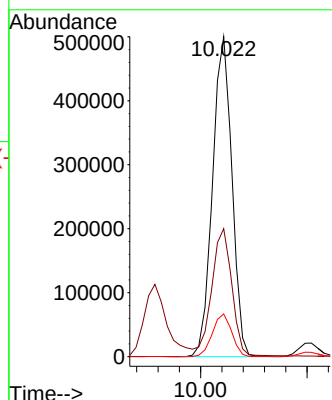
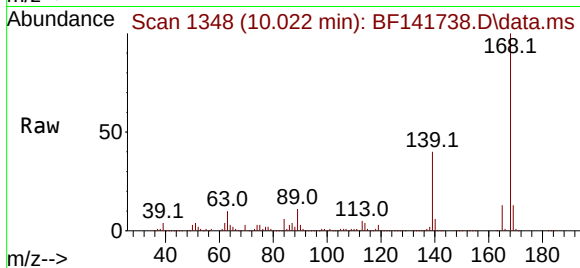
Tgt Ion:168 Resp: 632654

Ion Ratio Lower Upper

168 100

139 40.0 32.7 49.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 74.097 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

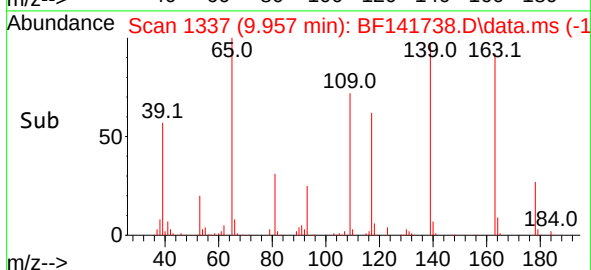
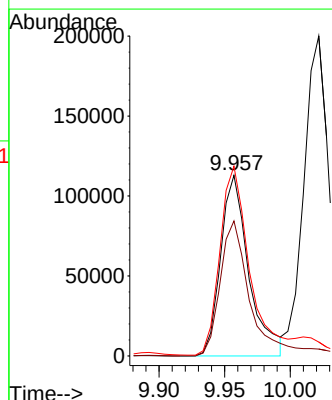
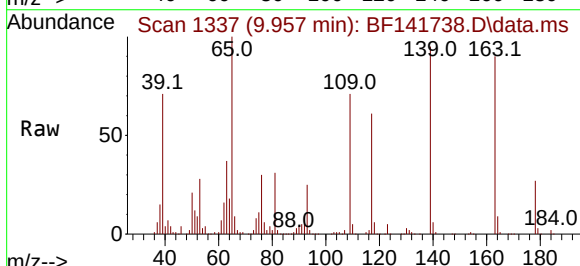
Tgt Ion:139 Resp: 168692

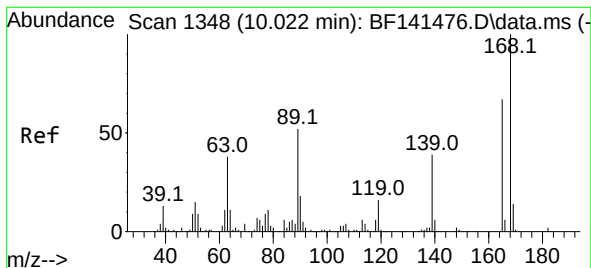
Ion Ratio Lower Upper

139 100

109 74.7 62.0 102.0

65 105.1 91.2 131.2

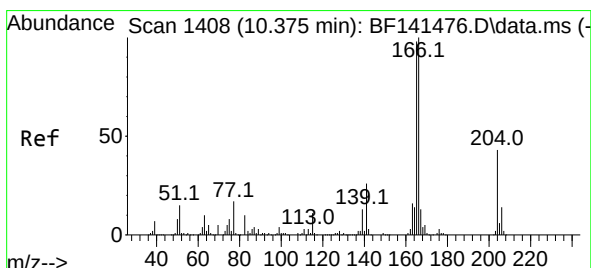
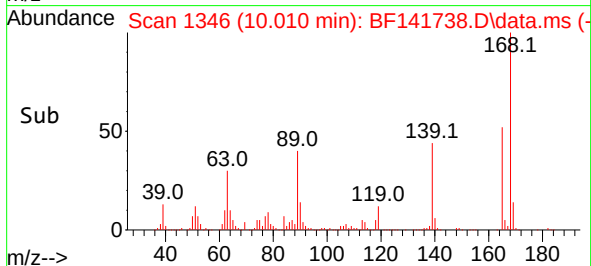
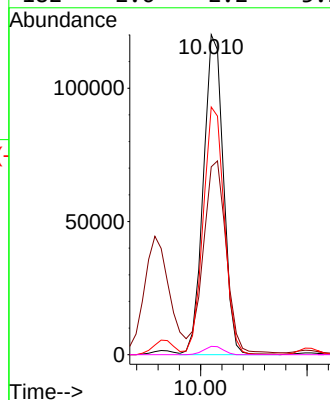
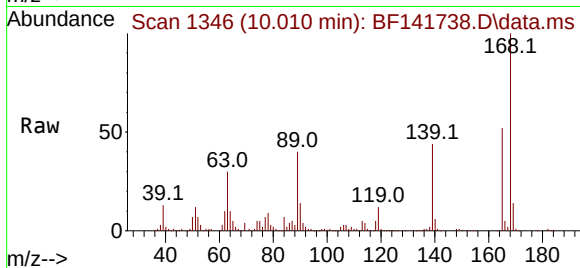




#57
2,4-Dinitrotoluene
Concen: 41.519 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

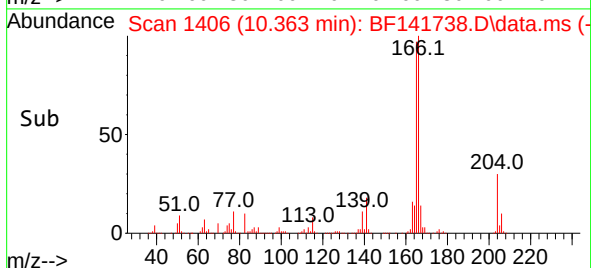
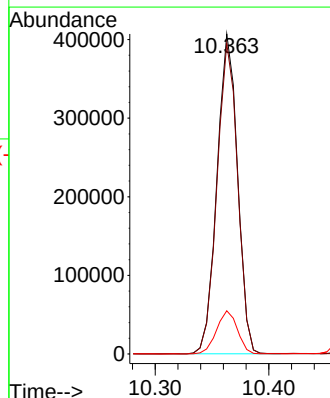
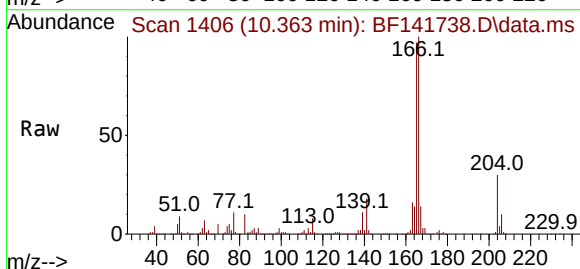
Instrument :
BNA_F
ClientSampleId :
TP8MS

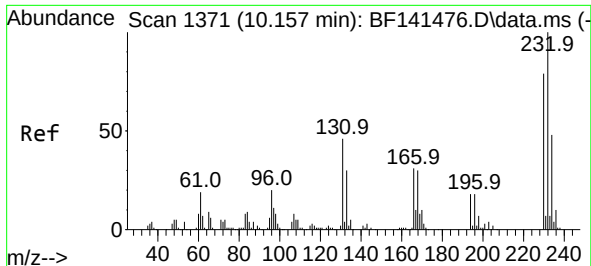
Tgt Ion:165 Resp: 157495
Ion Ratio Lower Upper
165 100
63 58.7 46.4 69.6
89 77.4 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.972 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:166 Resp: 511826
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.5 10.7 16.1

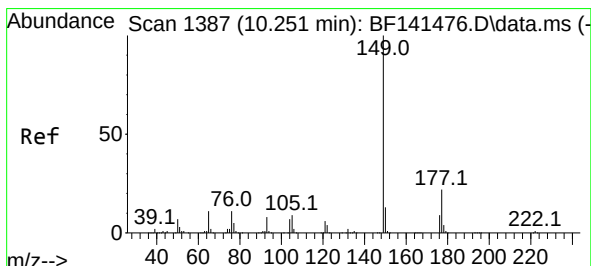
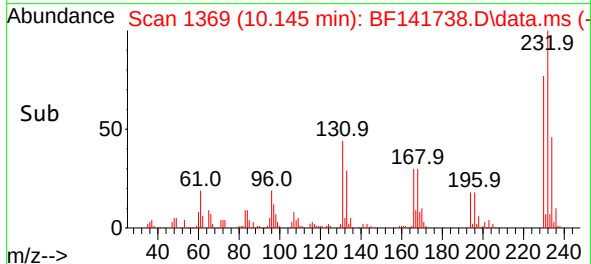
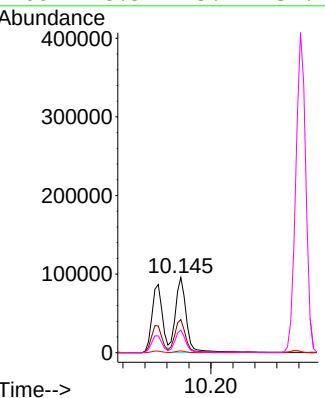
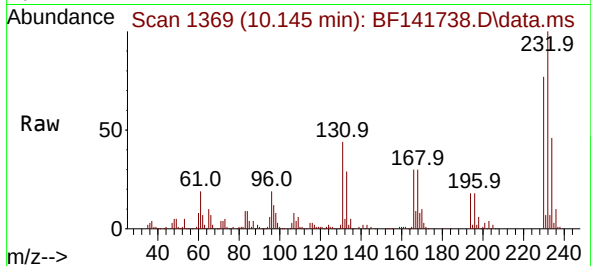




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.329 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

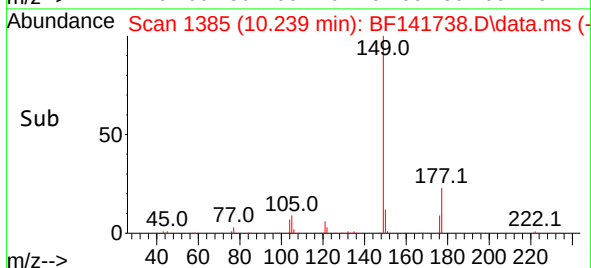
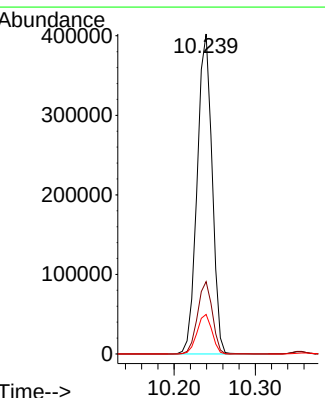
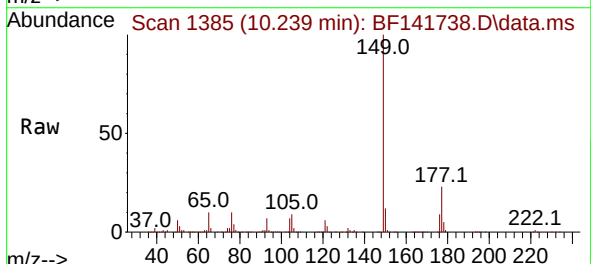
Instrument :
BNA_F
ClientSampleId :
TP8MS

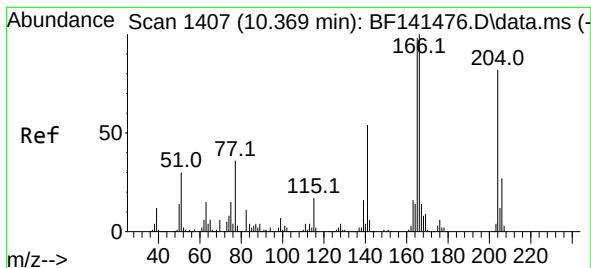
Tgt Ion:232 Resp: 131747
Ion Ratio Lower Upper
232 100
131 42.2 39.2 58.8
130 2.2 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 40.028 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:149 Resp: 513345
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.3 10.1 15.1

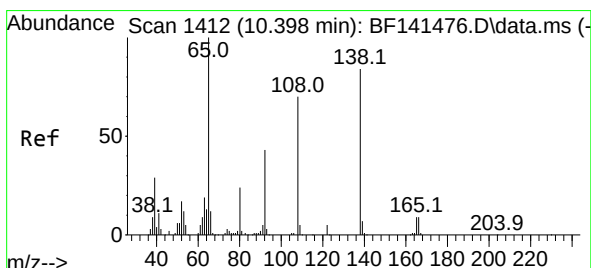
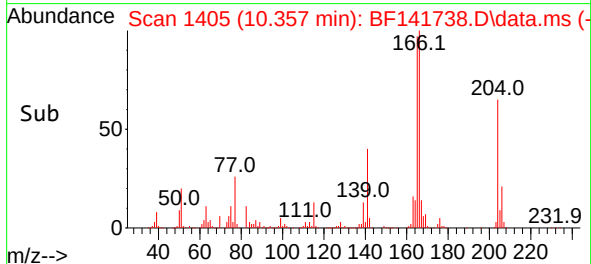
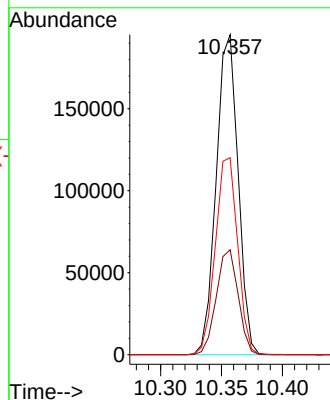
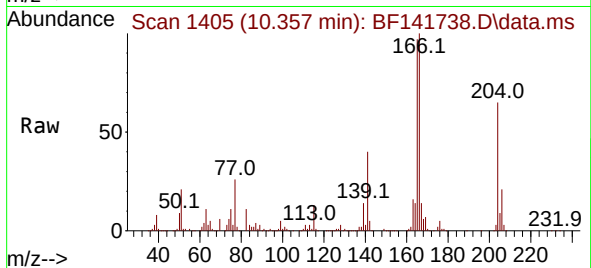




#61
4-Chlorophenyl-phenylether
Concen: 40.668 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

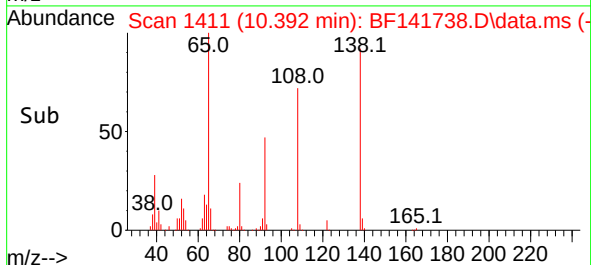
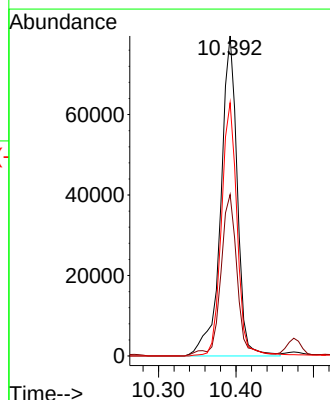
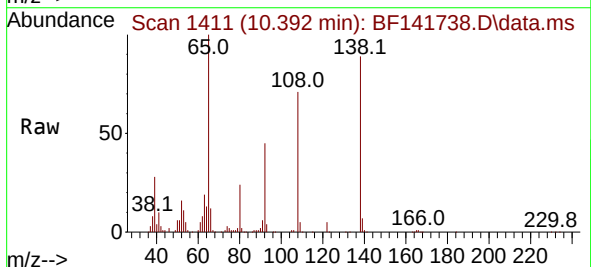
Instrument :
BNA_F
ClientSampleId :
TP8MS

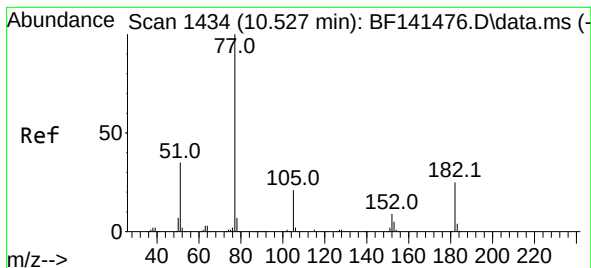
Tgt Ion:204 Resp: 244403
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 61.6 51.9 77.9



#62
4-Nitroaniline
Concen: 37.878 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:138 Resp: 117956
Ion Ratio Lower Upper
138 100
92 50.5 31.3 71.3
108 79.2 63.7 103.7

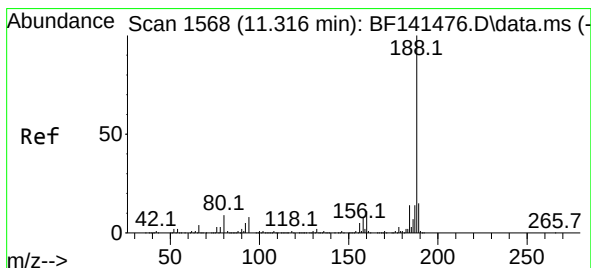
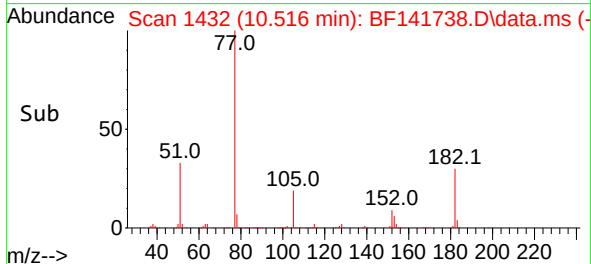
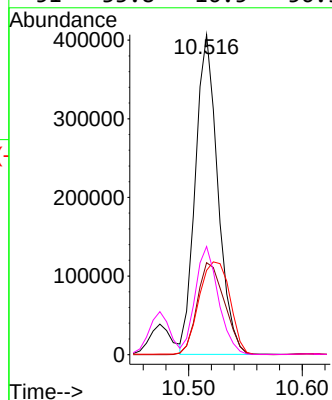
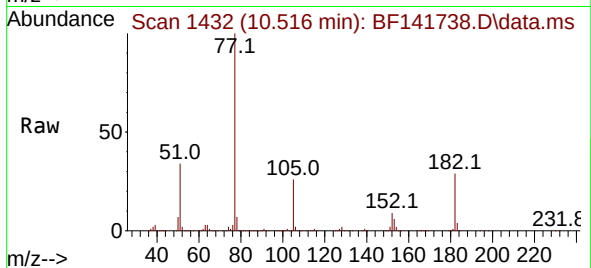




#63
Azobenzene
Concen: 43.712 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

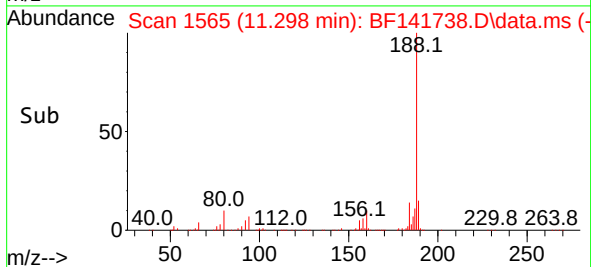
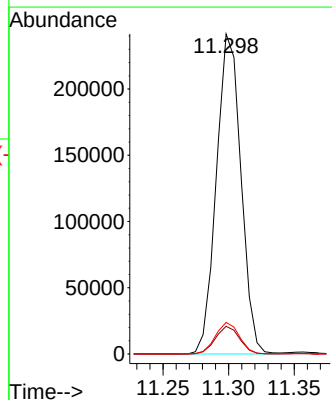
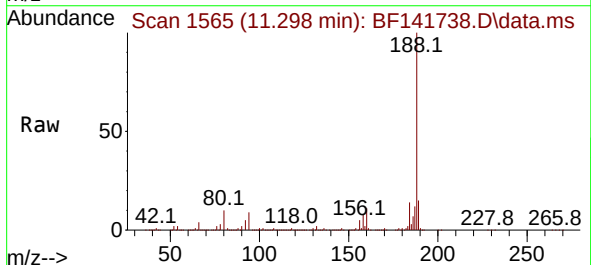
Instrument :
BNA_F
ClientSampleId :
TP8MS

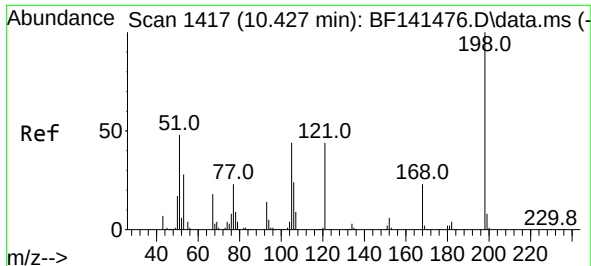
Tgt Ion:	77	Resp:	557299
Ion	Ratio	Lower	Upper
77	100		
182	28.8	4.7	44.7
105	26.4	0.4	40.4
51	33.8	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:	188	Resp:	314682
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.9	7.3	10.9

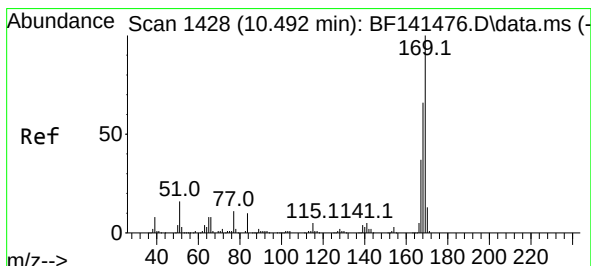
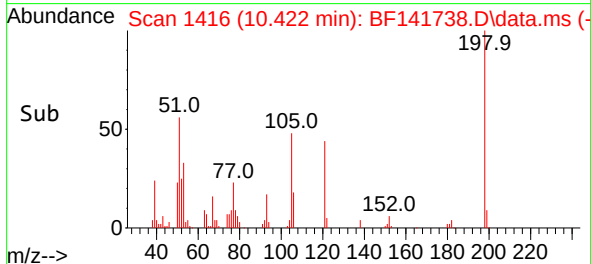
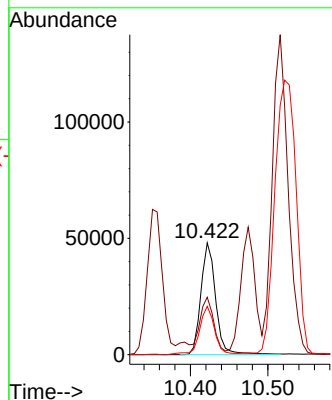
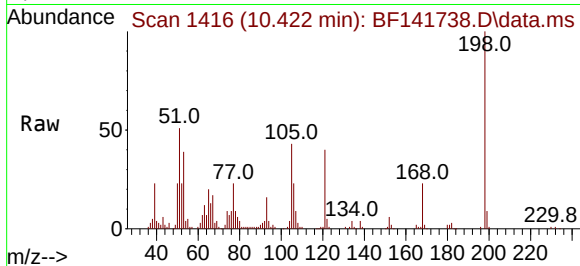




#65
4,6-Dinitro-2-methylphenol
Concen: 29.149 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

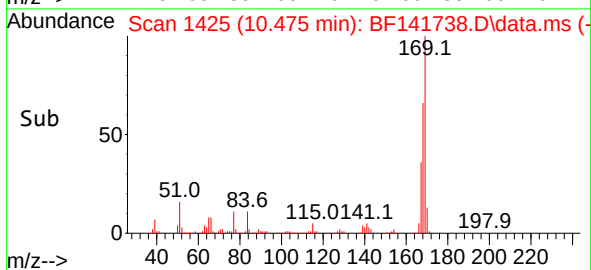
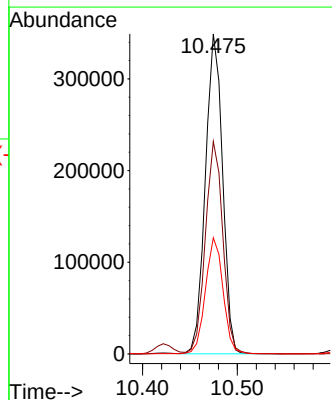
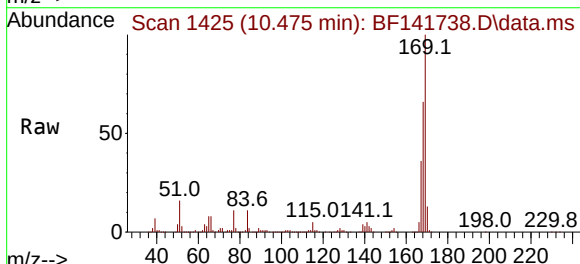
Instrument :
BNA_F
ClientSampleId :
TP8MS

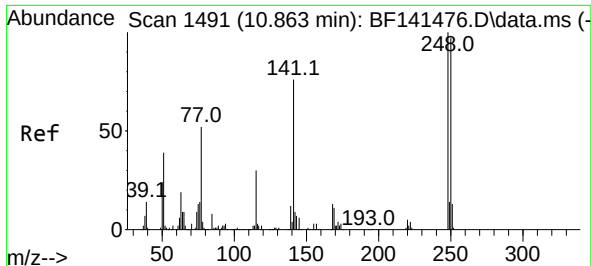
Tgt Ion:198 Resp: 63719
Ion Ratio Lower Upper
198 100
51 51.4 37.4 77.4
105 43.3 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.529 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:169 Resp: 438481
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 36.3 29.4 44.2

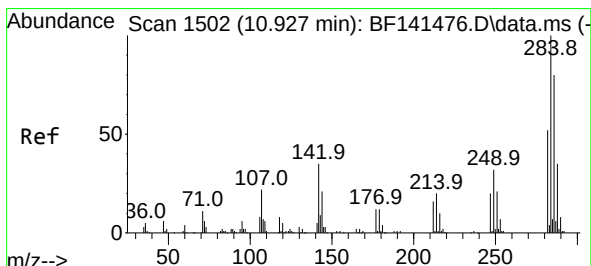
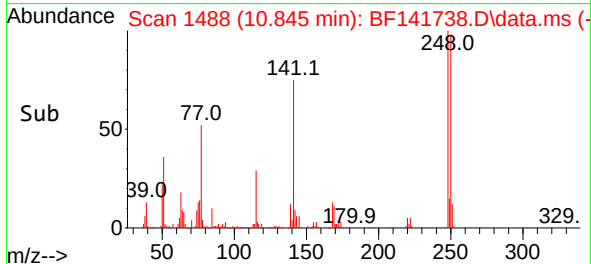
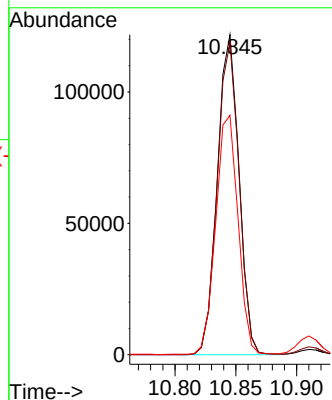
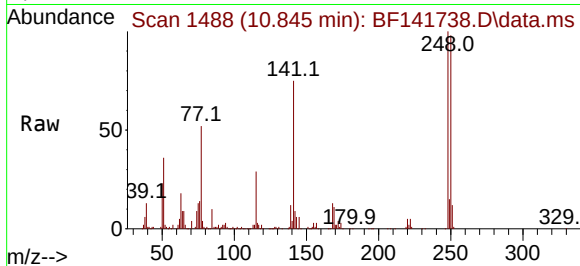




#67
4-Bromophenyl-phenylether
Concen: 43.017 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

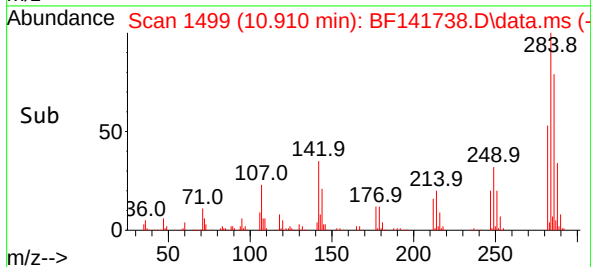
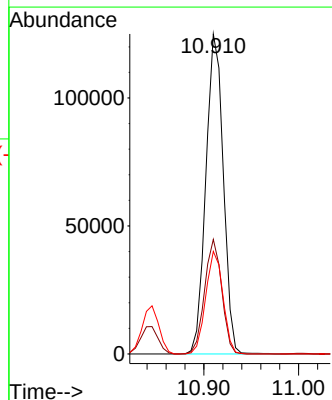
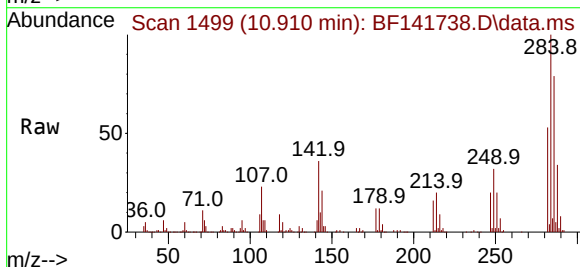
Instrument :
BNA_F
ClientSampleId :
TP8MS

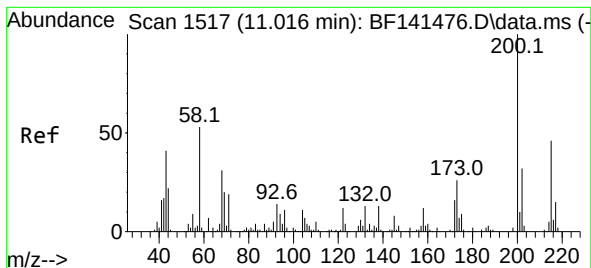
Tgt Ion:248 Resp: 151289
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 74.8 60.6 90.8



#68
Hexachlorobenzene
Concen: 43.973 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:284 Resp: 159250
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 32.1 25.8 38.8





#69

Atrazine

Concen: 54.020 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

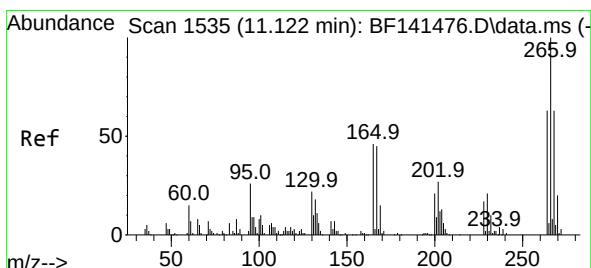
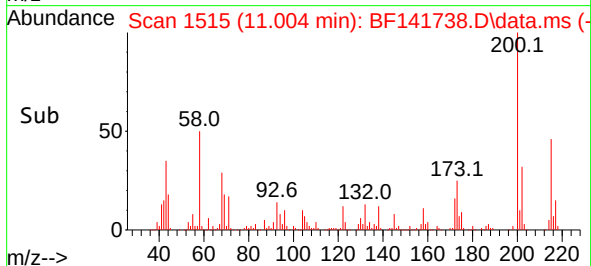
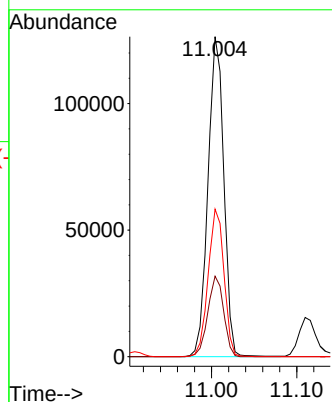
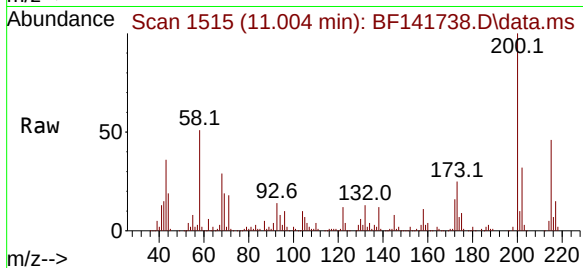
Tgt Ion:200 Resp: 163248

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 55.634 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

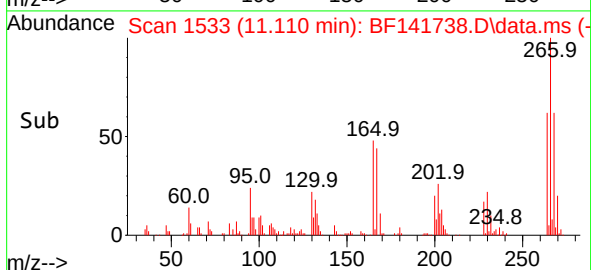
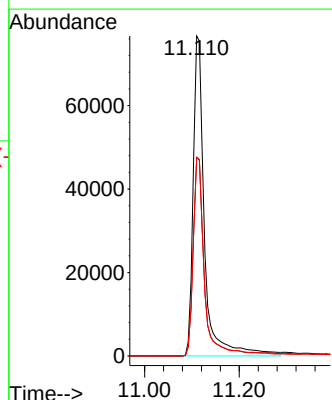
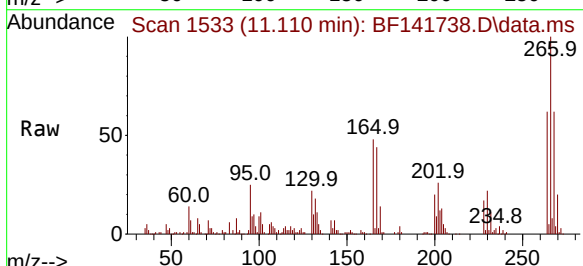
Tgt Ion:266 Resp: 128830

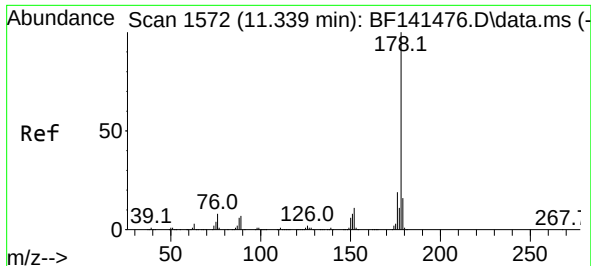
Ion Ratio Lower Upper

266 100

268 62.1 50.1 75.1

264 62.0 50.1 75.1

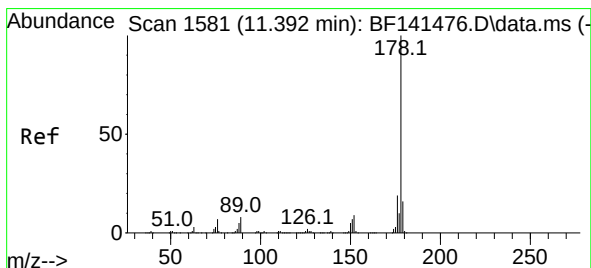
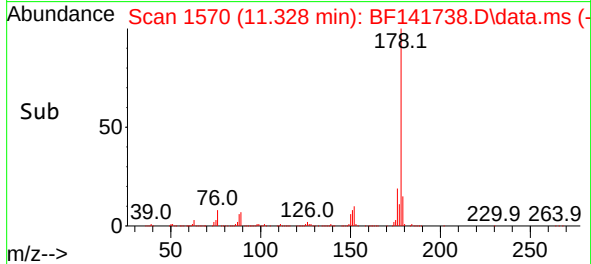
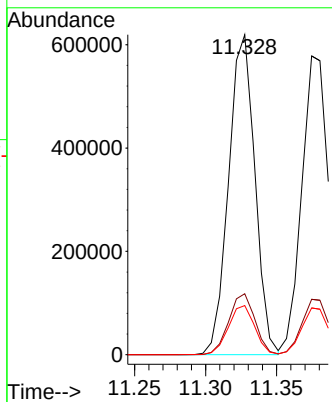
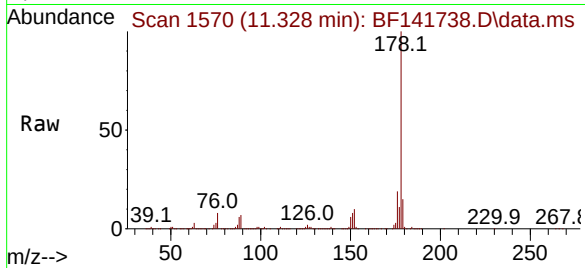




#71
Phenanthrene
Concen: 46.117 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

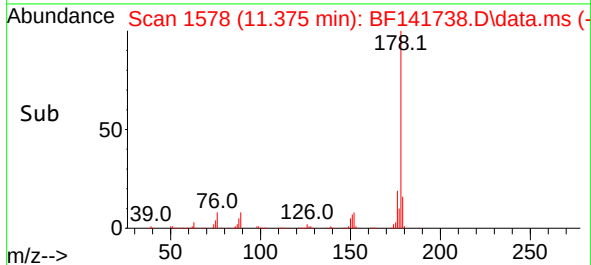
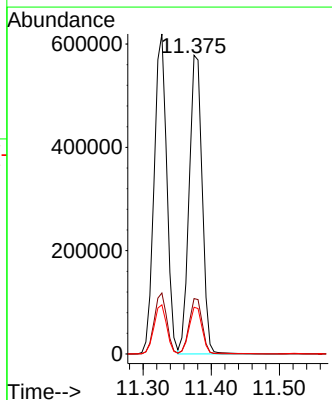
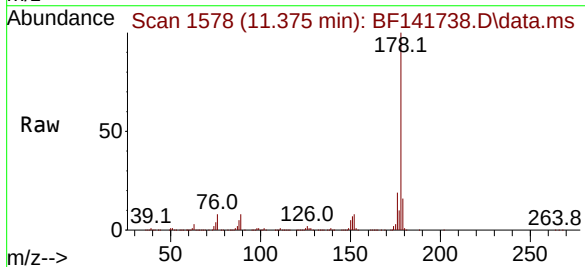
Instrument :
BNA_F
ClientSampleId :
TP8MS

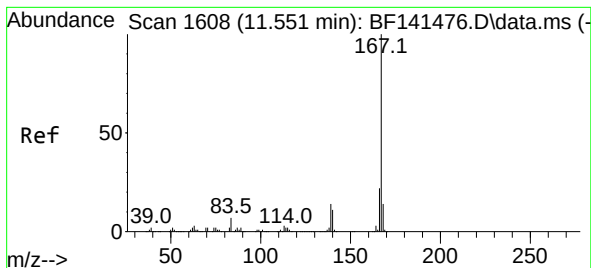
Tgt Ion:178 Resp: 798838
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 43.686 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:178 Resp: 760692
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.7 12.4 18.6





#73

Carbazole

Concen: 40.803 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

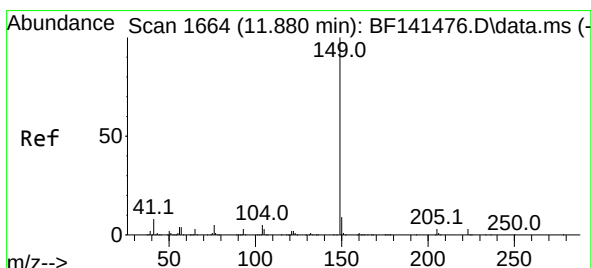
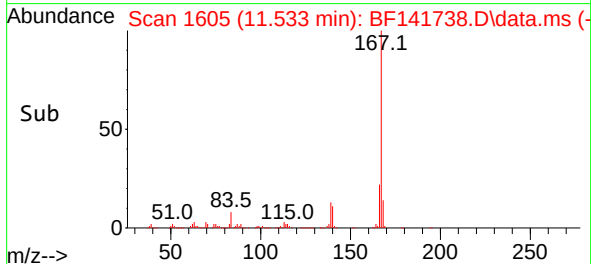
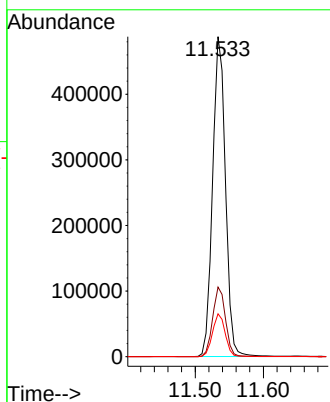
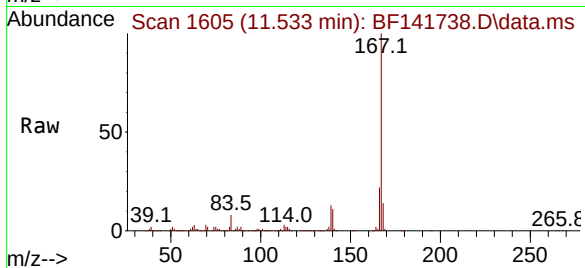
Tgt Ion:167 Resp: 639289

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 41.757 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

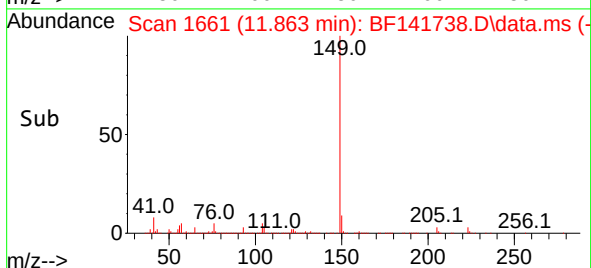
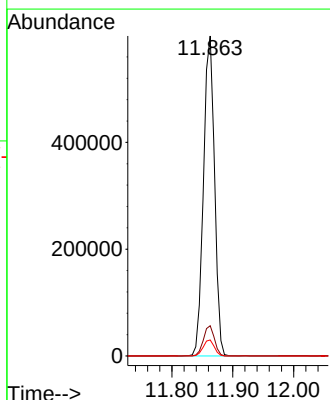
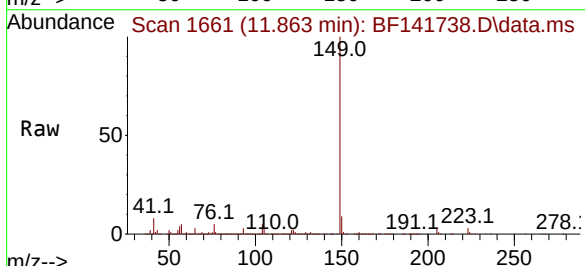
Tgt Ion:149 Resp: 755434

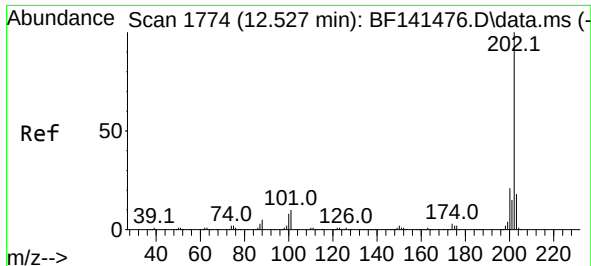
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 4.2 6.2

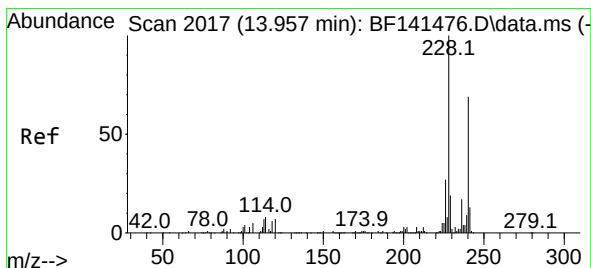
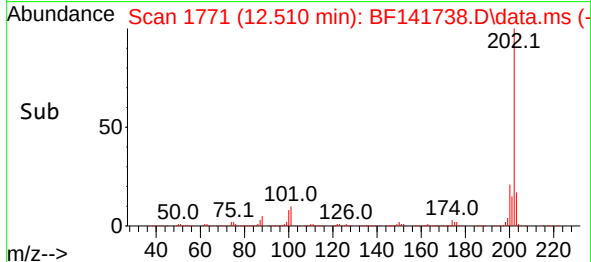
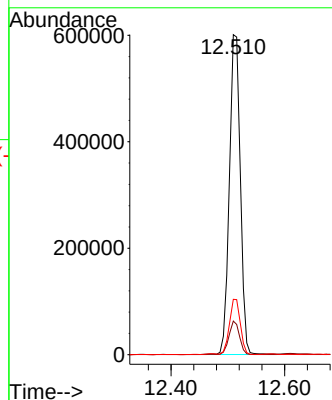
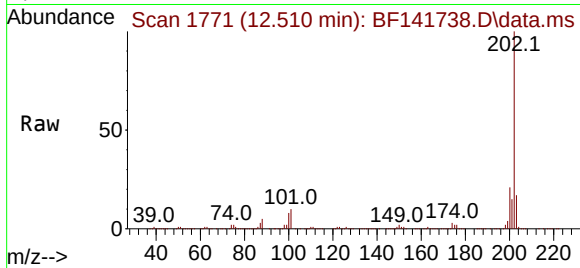




#75
Fluoranthene
Concen: 44.027 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

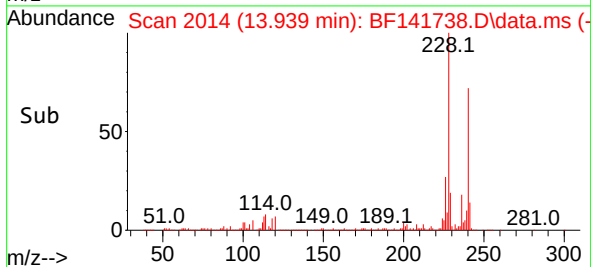
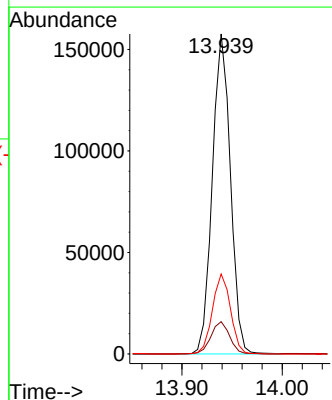
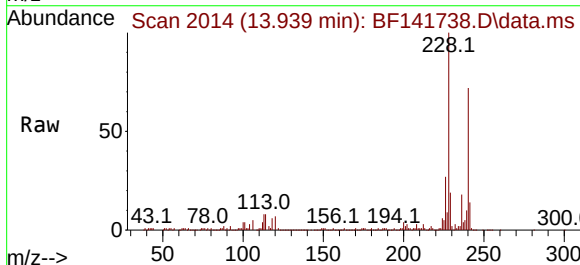
Instrument :
BNA_F
ClientSampleId :
TP8MS

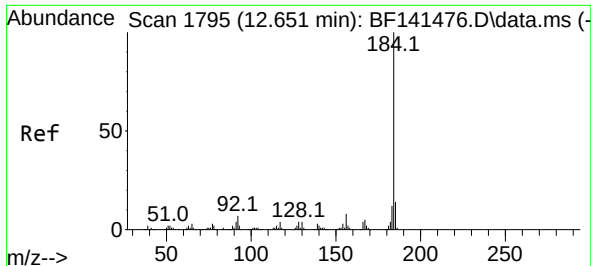
Tgt Ion:202 Resp: 808526
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:240 Resp: 197837
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.0 19.8 29.8

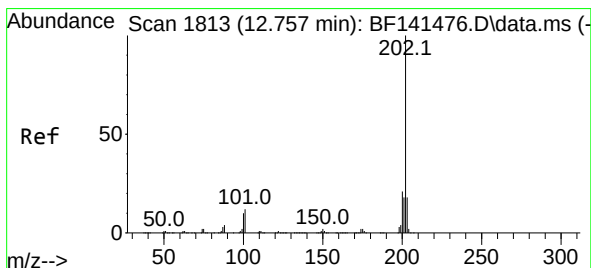
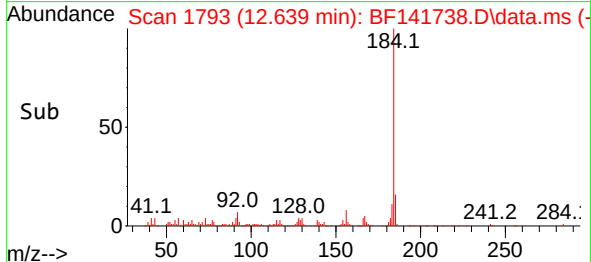
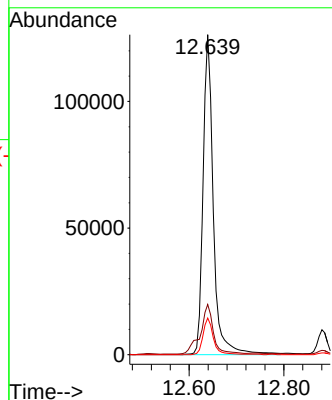
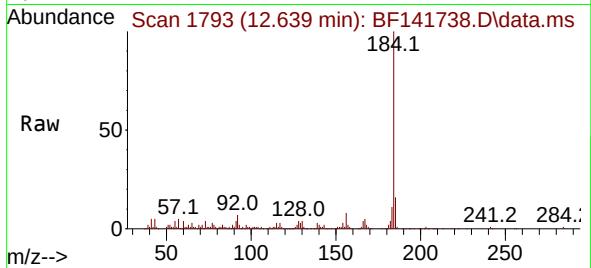




#77
Benzidine
Concen: 43.606 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.017 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

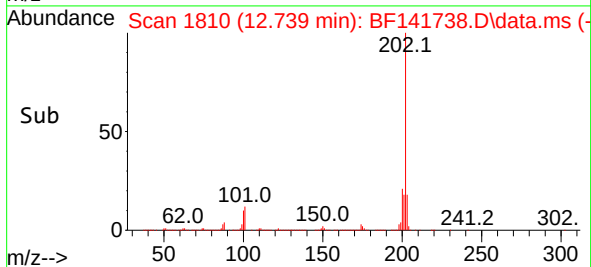
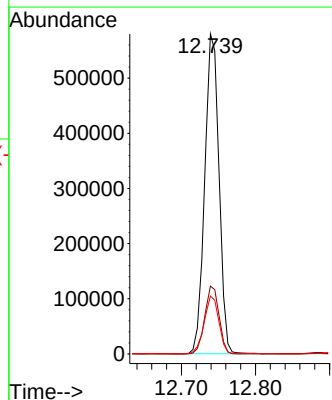
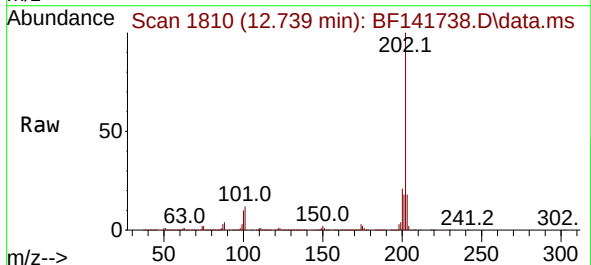
Instrument :
BNA_F
ClientSampleId :
TP8MS

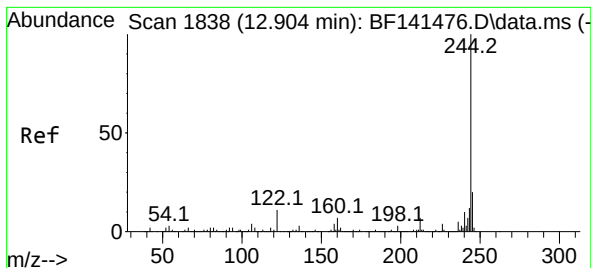
Tgt Ion:184 Resp: 190262
Ion Ratio Lower Upper
184 100
185 15.7 11.3 16.9
183 11.4 9.3 13.9



#78
Pyrene
Concen: 46.071 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:202 Resp: 775892
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 79.519 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

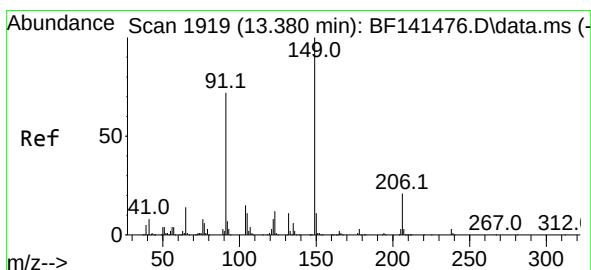
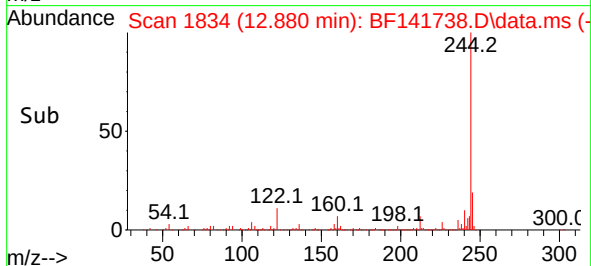
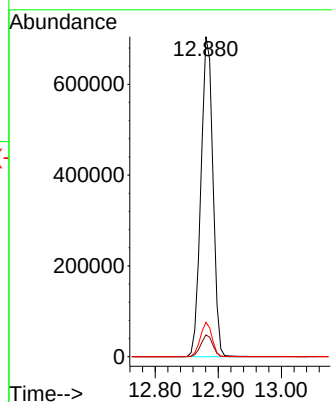
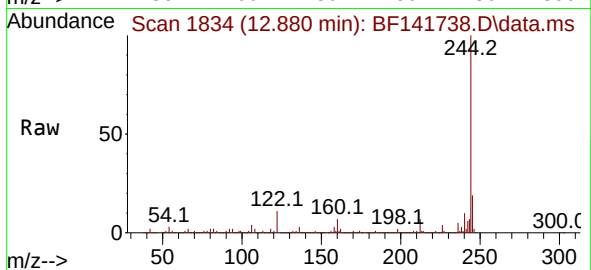
Tgt Ion:244 Resp: 931889

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.7 8.4 12.6



#80

Butylbenzylphthalate

Concen: 43.108 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

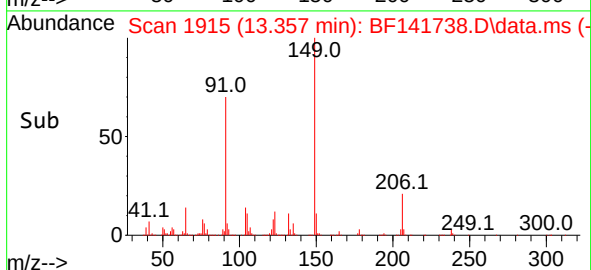
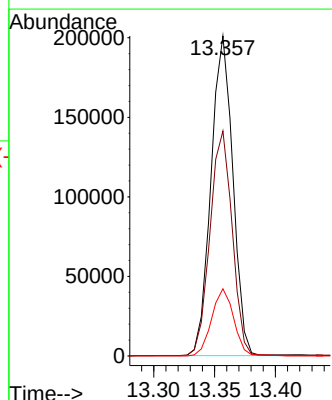
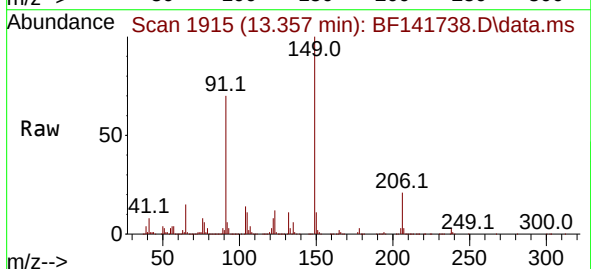
Tgt Ion:149 Resp: 251466

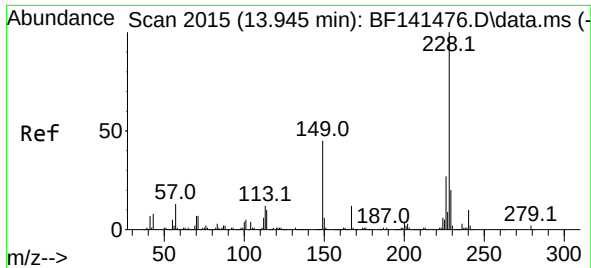
Ion Ratio Lower Upper

149 100

91 70.3 57.8 86.8

206 21.0 16.7 25.1

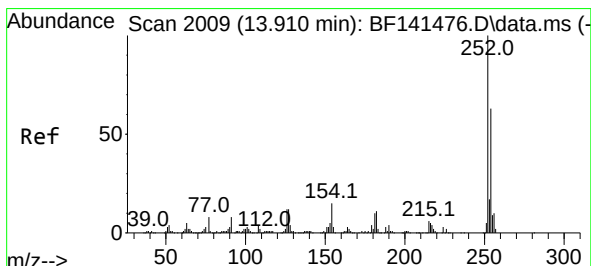
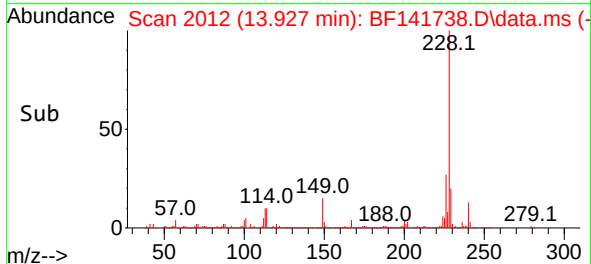
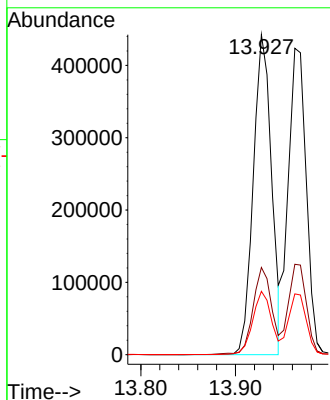
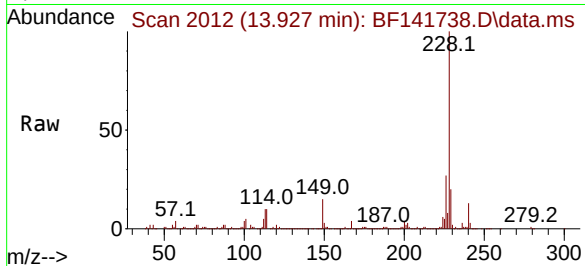




#81
Benzo(a)anthracene
Concen: 45.224 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

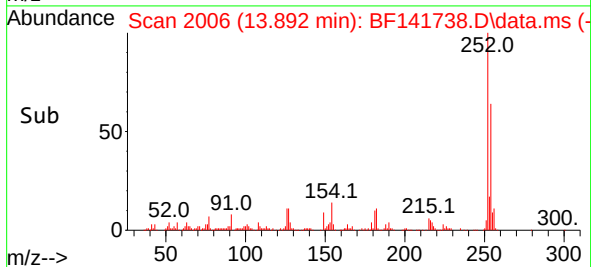
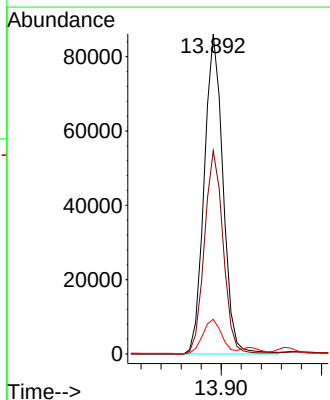
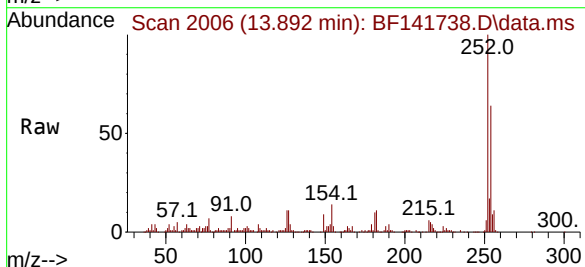
Instrument :
BNA_F
ClientSampleId :
TP8MS

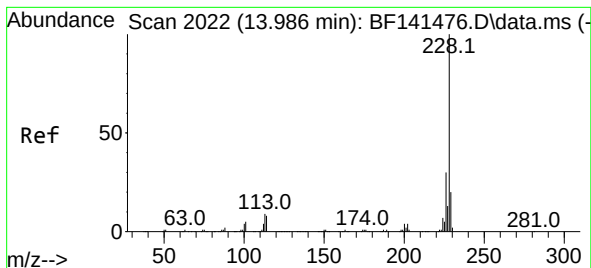
Tgt Ion:228 Resp: 594736
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.783 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:252 Resp: 112196
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 10.8 9.3 13.9





#83

Chrysene

Concen: 45.782 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

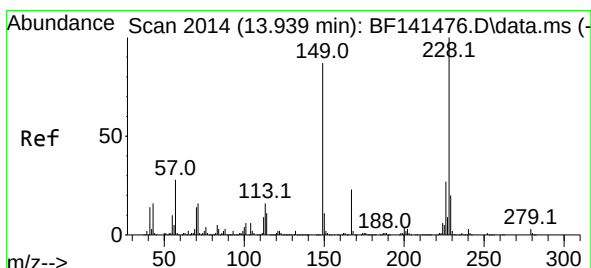
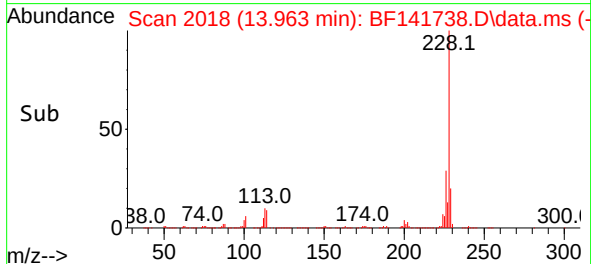
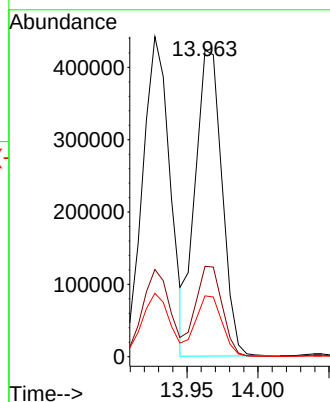
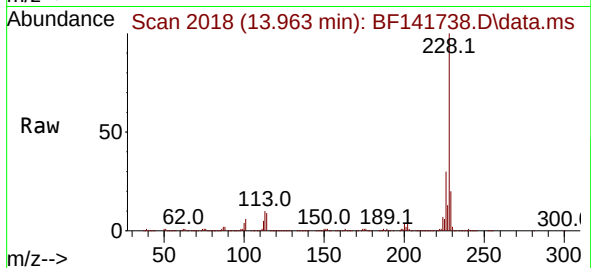
Tgt Ion:228 Resp: 555920

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.924 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

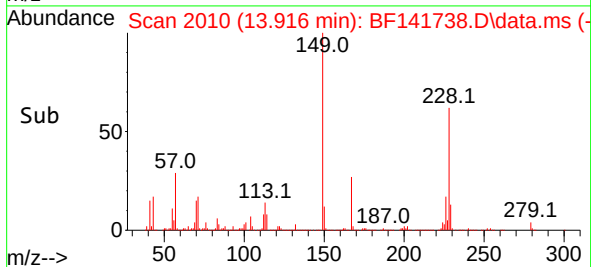
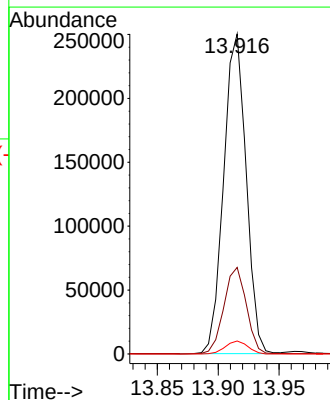
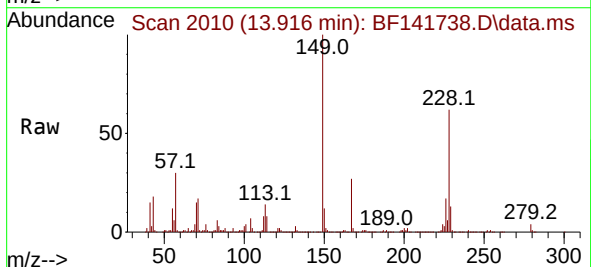
Tgt Ion:149 Resp: 321878

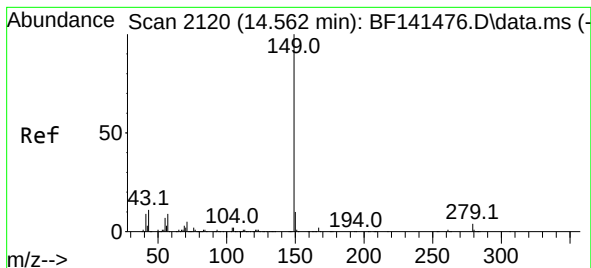
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.095 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNA_F

ClientSampleId :

TP8MS

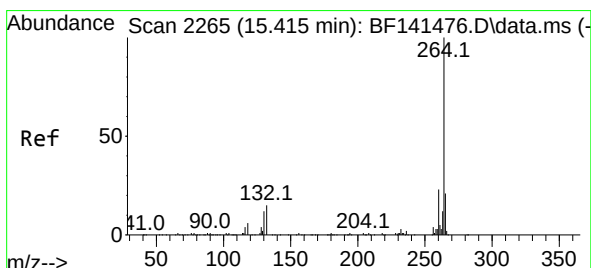
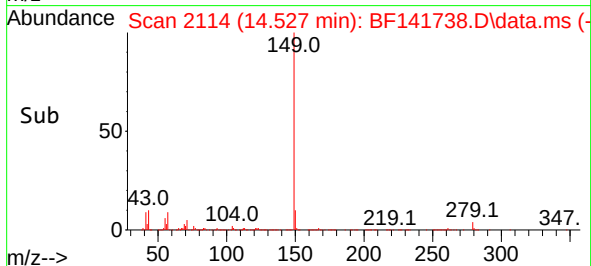
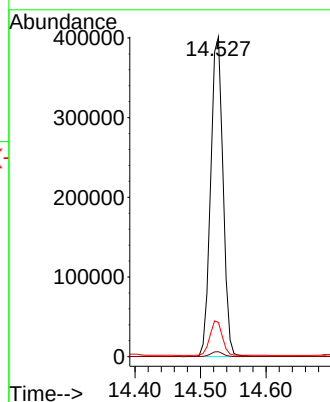
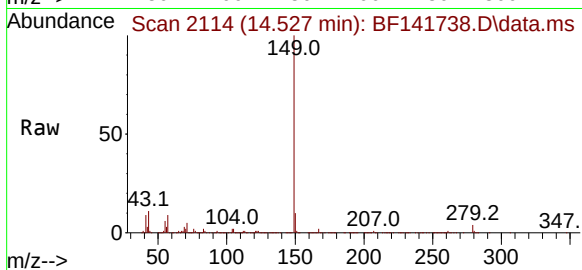
Tgt Ion:149 Resp: 526487

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

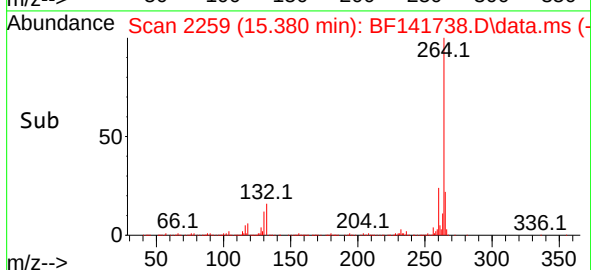
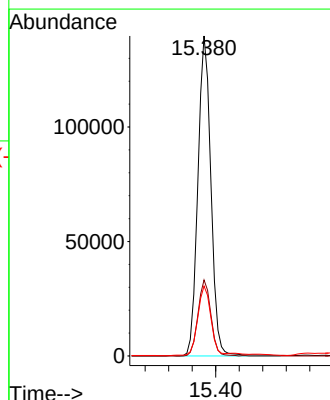
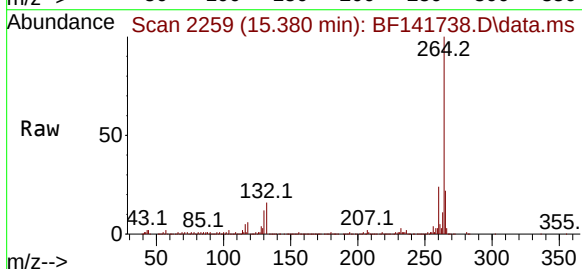
Tgt Ion:264 Resp: 215142

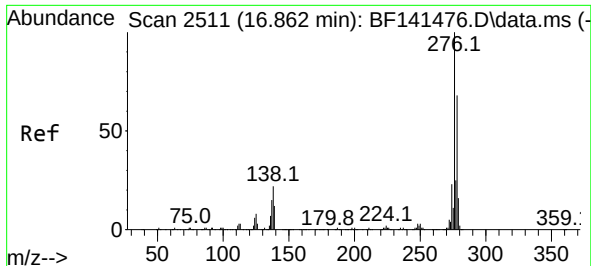
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.8 17.0 25.4

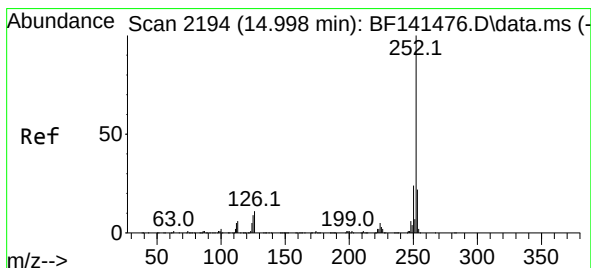
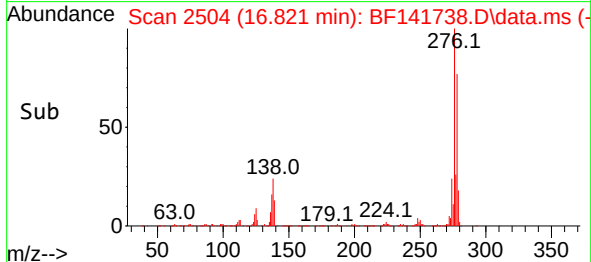
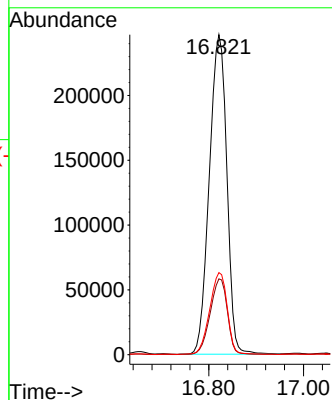
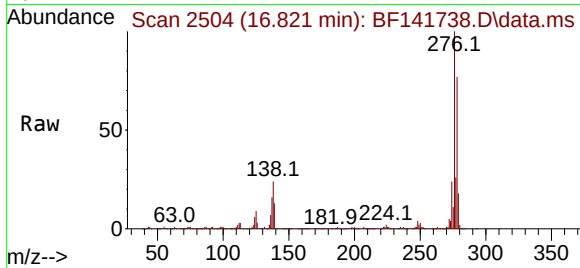




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.684 ng
RT: 16.821 min Scan# 2189
Delta R.T. -0.053 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

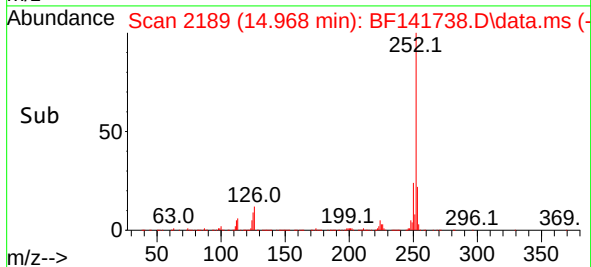
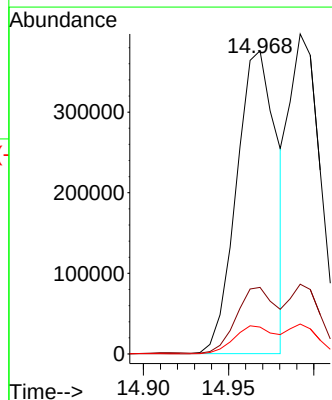
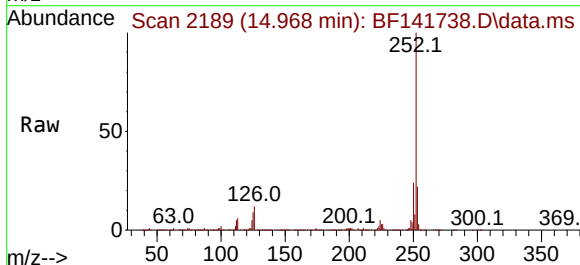
Instrument :
BNA_F
ClientSampleId :
TP8MS

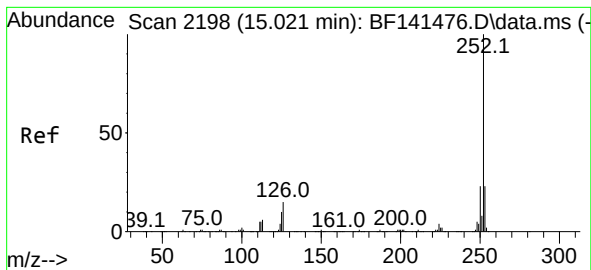
Tgt Ion:276 Resp: 633889
Ion Ratio Lower Upper
276 100
138 23.3 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.666 ng
RT: 14.968 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:252 Resp: 616348
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.897 ng

RT: 14.992 min Scan# 2198

Delta R.T. -0.041 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

Instrument :

BNF_F

ClientSampleId :

TP8MS

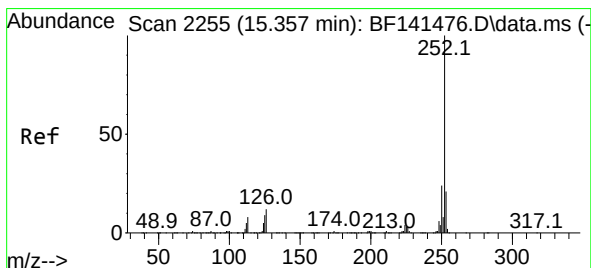
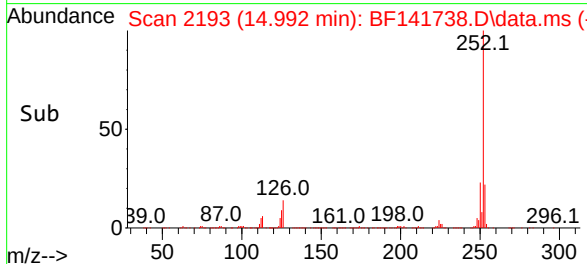
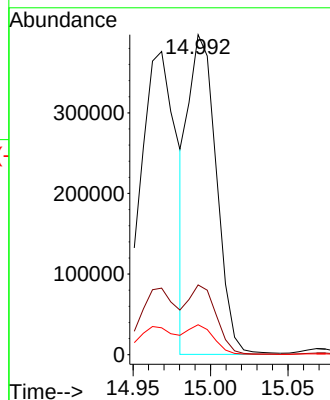
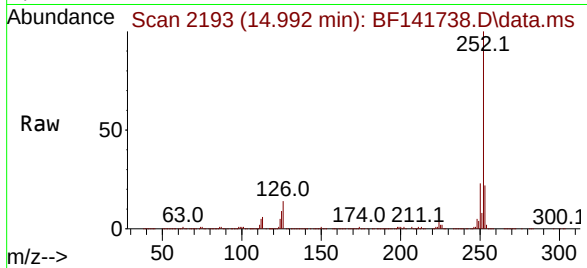
Tgt Ion:252 Resp: 504478

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 9.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 46.445 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141738.D

Acq: 24 Feb 2025 11:56

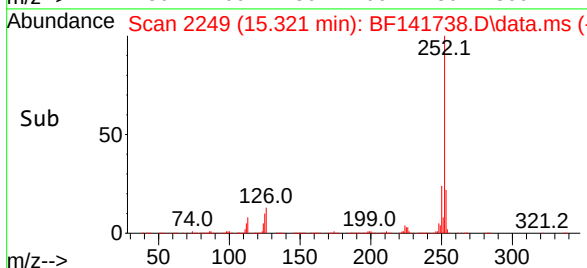
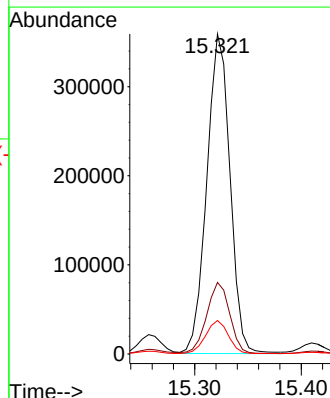
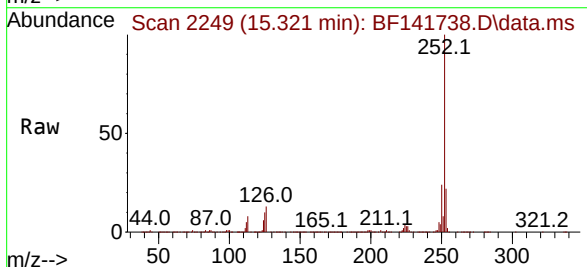
Tgt Ion:252 Resp: 542893

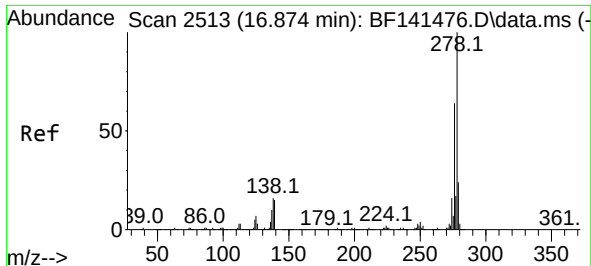
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.5 7.4 11.2

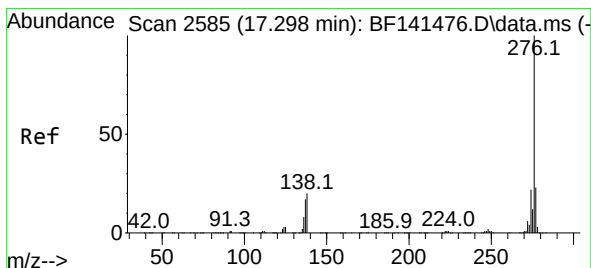
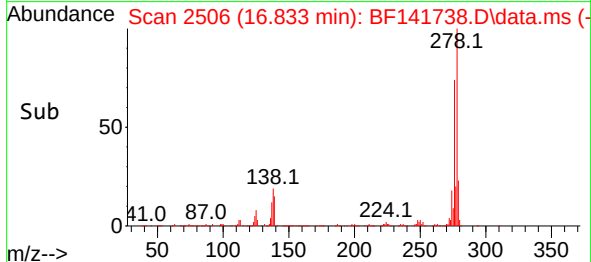
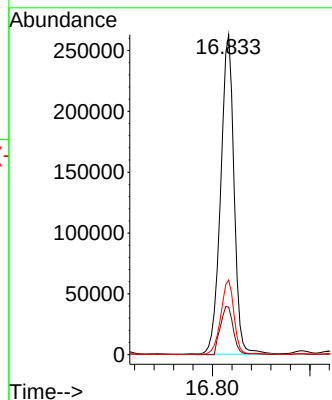
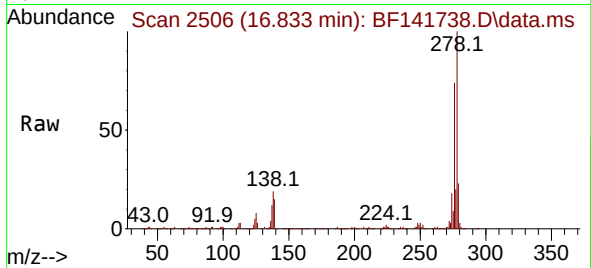




#91
Dibenzo(a,h)anthracene
Concen: 46.547 ng
RT: 16.833 min Scan# 2506
Delta R.T. -0.059 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Instrument :
BNA_F
ClientSampleId :
TP8MS

Tgt Ion:278 Resp: 501376
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.552 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.065 min
Lab File: BF141738.D
Acq: 24 Feb 2025 11:56

Tgt Ion:276 Resp: 490913
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 19.8 15.9 23.9

