

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141049.D
 Acq On : 31 Dec 2024 10:44
 Operator : RC/JU
 Sample : PB165900BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165900BS

Quant Time: Dec 31 11:05:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	235504	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	932567	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	498769	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	838285	20.000	ng	0.00
76) Chrysene-d12	13.992	240	501587	20.000	ng	0.00
86) Perylene-d12	15.451	264	459268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2179647	139.512	ng	0.02
7) Phenol-d6	6.457	99	2758774	137.073	ng	0.00
23) Nitrobenzene-d5	7.392	82	1750141	120.067	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	847449	174.855	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3056050	97.621	ng	0.00
79) Terphenyl-d14	12.933	244	3360916	111.296	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	292354	41.332	ng	98
3) Pyridine	3.393	79	792089	45.823	ng	99
4) n-Nitrosodimethylamine	3.340	42	426017	48.641	ng	99
6) Aniline	6.493	93	961087	53.543	ng	99
8) 2-Chlorophenol	6.610	128	875879	53.174	ng	98
9) Benzaldehyde	6.375	77	159449	9.999	ng	97
10) Phenol	6.469	94	1099377	52.827	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	828084	49.280	ng	99
12) 1,3-Dichlorobenzene	6.769	146	890357	48.978	ng	99
13) 1,4-Dichlorobenzene	6.845	146	903876	49.323	ng	99
14) 1,2-Dichlorobenzene	6.998	146	865274	50.642	ng	98
15) Benzyl Alcohol	6.969	79	758094	52.417	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1274350	50.147	ng	99
17) 2-Methylphenol	7.081	107	704890	51.510	ng	99
18) Hexachloroethane	7.340	117	335075	51.472	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	609449	49.428	ng	98
20) 3+4-Methylphenols	7.234	107	859138	49.612	ng	# 84
22) Acetophenone	7.240	105	1130893	49.433	ng	99
24) Nitrobenzene	7.410	77	910436	55.898	ng	97
25) Isophorone	7.651	82	1649672	52.009	ng	99
26) 2-Nitrophenol	7.728	139	442904	64.327	ng	99
27) 2,4-Dimethylphenol	7.763	122	712551	61.468	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1010701	50.292	ng	99
29) 2,4-Dichlorophenol	7.963	162	709500	53.965	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	739054	49.665	ng	100
31) Naphthalene	8.134	128	2431990	49.490	ng	100
32) Benzoic acid	7.881	122	568654	57.748	ng	96
33) 4-Chloroaniline	8.175	127	462060	25.991	ng	100
34) Hexachlorobutadiene	8.251	225	444153	50.629	ng	99
35) Caprolactam	8.545	113	138975	31.094	ng	99
36) 4-Chloro-3-methylphenol	8.657	107	758041	51.917	ng	97
37) 2-Methylnaphthalene	8.822	142	1605786	51.079	ng	99
38) 1-Methylnaphthalene	8.922	142	1482604	47.987	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	711196	51.830	ng	99
41) Hexachlorocyclopentadiene	8.975	237	920170	202.358	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	523955	57.372	ng	99

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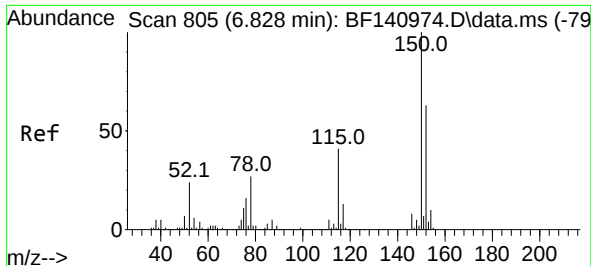
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	519070	55.549	ng	99
46) 1,1'-Biphenyl	9.286	154	1944410	50.913	ng	100
47) 2-Chloronaphthalene	9.310	162	1472739	49.722	ng	100
48) 2-Nitroaniline	9.404	65	475629	60.088	ng	92
49) Acenaphthylene	9.728	152	2309969	54.176	ng	99
50) Dimethylphthalate	9.586	163	1773074	54.045	ng	100
51) 2,6-Dinitrotoluene	9.645	165	393248	57.956	ng	96
52) Acenaphthene	9.898	154	1683356	58.398	ng	99
53) 3-Nitroaniline	9.810	138	274915	38.478	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	425813	126.139	ng	# 1
55) Dibenzofuran	10.069	168	2085466	51.480	ng	100
56) 4-Nitrophenol	9.969	139	685140	122.086	ng	99
57) 2,4-Dinitrotoluene	10.051	165	535775	63.805	ng	95
58) Fluorene	10.416	166	1569788	49.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	456078	58.933	ng	98
60) Diethylphthalate	10.286	149	1697829	52.421	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	779165	51.548	ng	98
62) 4-Nitroaniline	10.428	138	416013	56.588	ng	93
63) Azobenzene	10.563	77	1730135	50.893	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	284545	77.906	ng	94
66) n-Nitrosodiphenylamine	10.522	169	1457922	55.230	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	517342	57.089	ng	99
68) Hexachlorobenzene	10.957	284	561231	56.166	ng	100
69) Atrazine	11.051	200	505508	68.547	ng	99
70) Pentachlorophenol	11.151	266	709987	114.123	ng	99
71) Phenanthrene	11.375	178	2395963	54.306	ng	100
72) Anthracene	11.427	178	2422669	56.039	ng	99
73) Carbazole	11.580	167	2155738	51.871	ng	99
74) Di-n-butylphthalate	11.916	149	2505411	53.002	ng	100
75) Fluoranthene	12.563	202	2402863	50.216	ng	99
77) Benzidine	12.680	184	675427	63.716	ng	100
78) Pyrene	12.792	202	2438847	55.595	ng	100
80) Butylbenzylphthalate	13.410	149	918033	57.311	ng	99
81) Benzo(a)anthracene	13.980	228	1813766	51.885	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	381275	36.302	ng	99
83) Chrysene	14.016	228	1630326	51.735	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1098980	52.891	ng	99
85) Di-n-octyl phthalate	14.598	149	1635355	54.379	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1963841	67.871	ng	97
88) Benzo(b)fluoranthene	15.027	252	1601992	50.013	ng	100
89) Benzo(k)fluoranthene	15.057	252	1329952	52.976	ng	100
90) Benzo(a)pyrene	15.392	252	1409184	56.680	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1577960	67.276	ng	98
92) Benzo(g,h,i)perylene	17.351	276	1516438	62.335	ng	98

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

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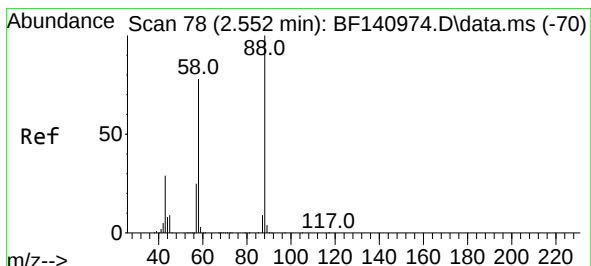
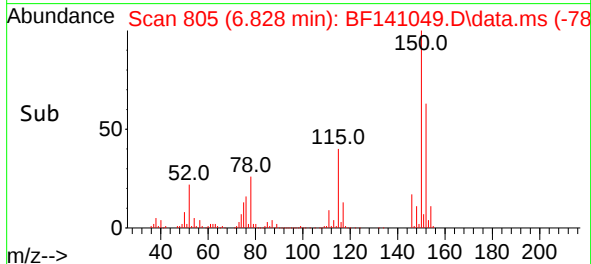
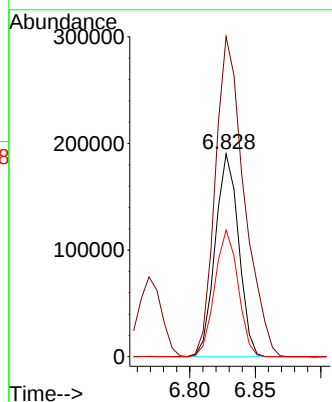
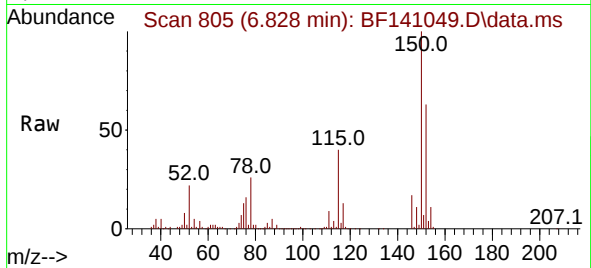




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141049.D
 Acq: 31 Dec 2024 10:44

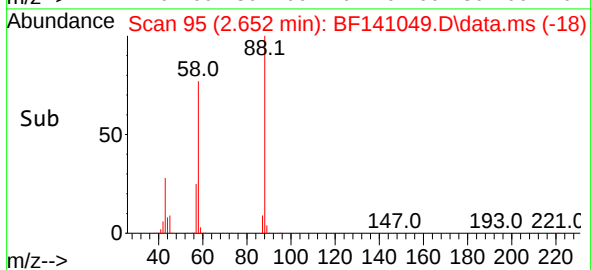
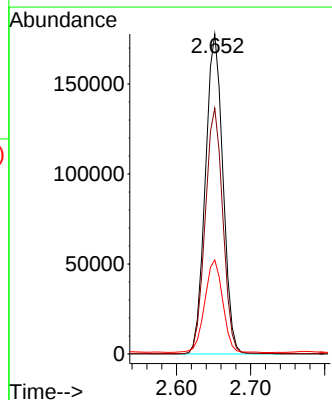
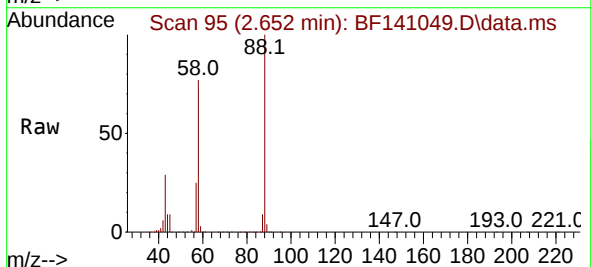
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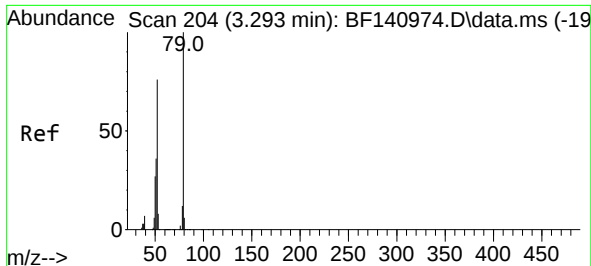
Tgt Ion:152 Resp: 235504
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 62.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 41.332 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF141049.D
 Acq: 31 Dec 2024 10:44

Tgt Ion: 88 Resp: 292354
 Ion Ratio Lower Upper
 88 100
 58 77.0 63.0 94.4
 43 29.7 23.4 35.2

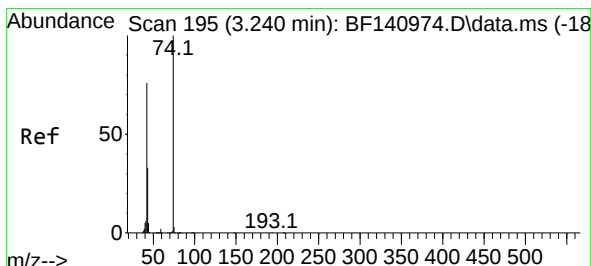
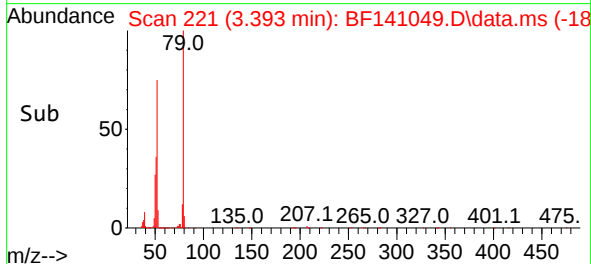
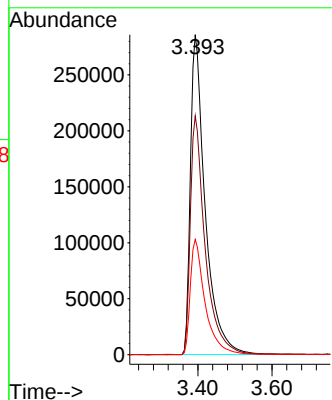
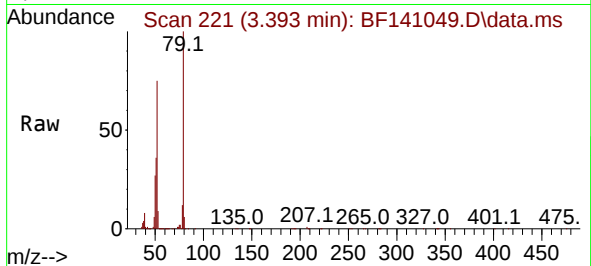




#3
Pyridine
Concen: 45.823 ng
RT: 3.393 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

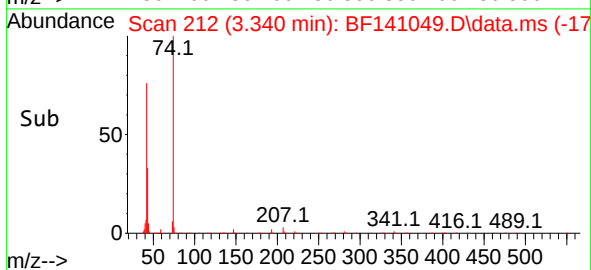
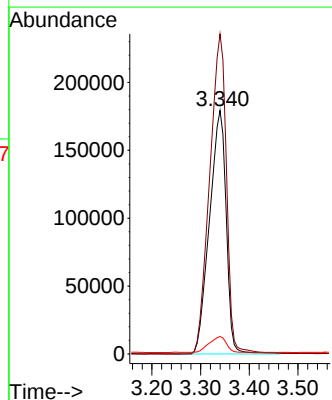
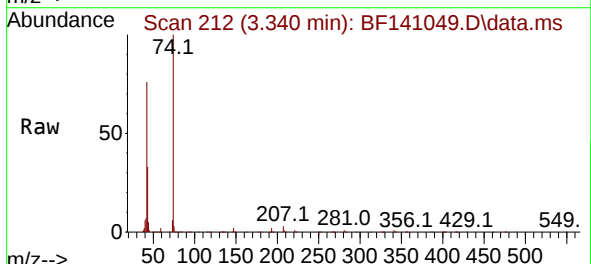
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion: 79 Resp: 792089
Ion Ratio Lower Upper
79 100
52 74.6 60.4 90.6
51 36.0 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 48.641 ng
RT: 3.340 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 42 Resp: 426017
Ion Ratio Lower Upper
42 100
74 131.4 105.8 158.6
44 7.2 6.6 10.0

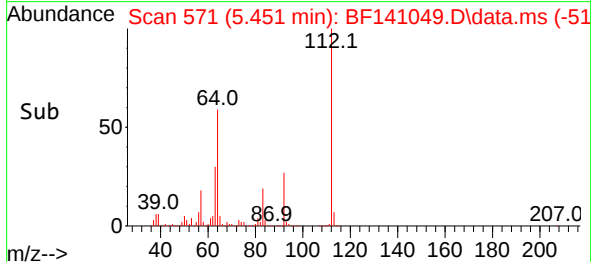
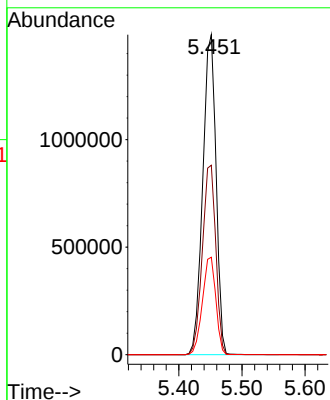
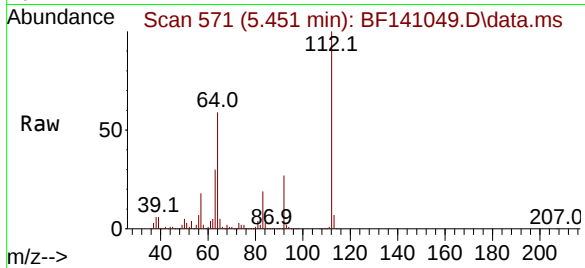




#5
2-Fluorophenol
Concen: 139.512 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

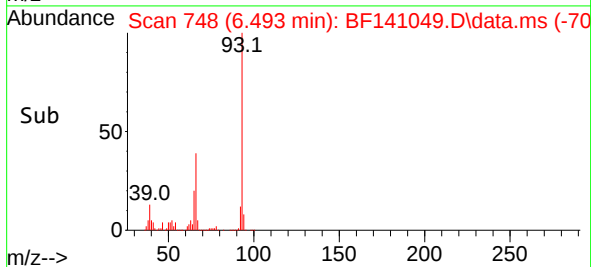
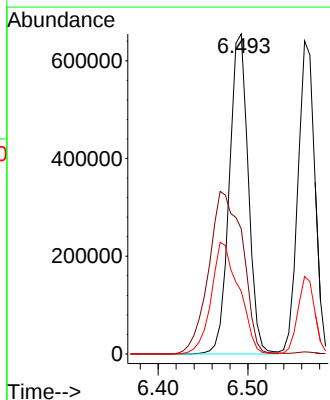
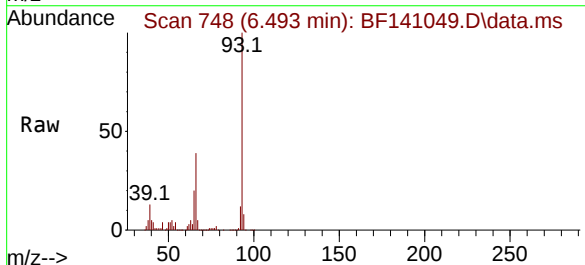
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion:112 Resp: 2179647
Ion Ratio Lower Upper
112 100
64 59.2 47.7 71.5
63 30.5 24.2 36.2



#6
Aniline
Concen: 53.543 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 93 Resp: 961087
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 19.6 15.4 23.0

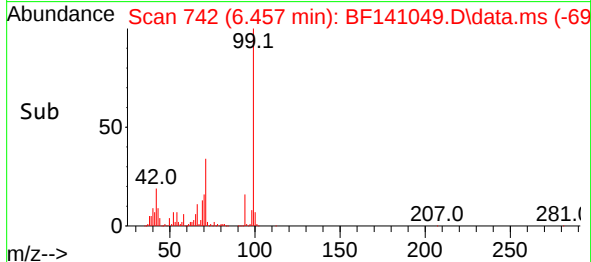
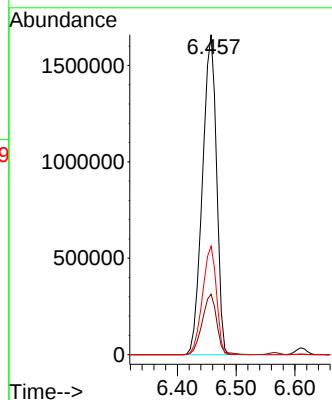
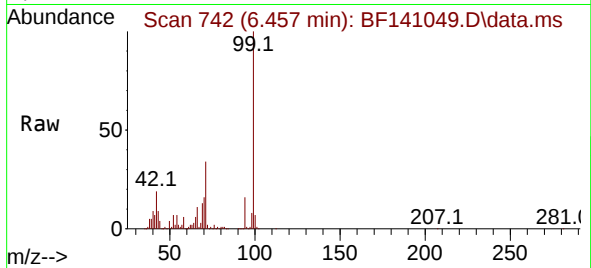




#7
Phenol-d6
Concen: 137.073 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

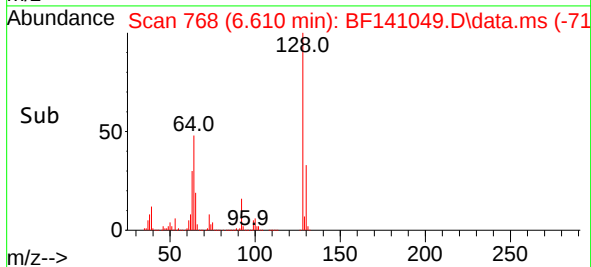
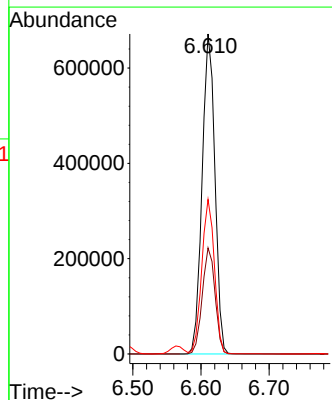
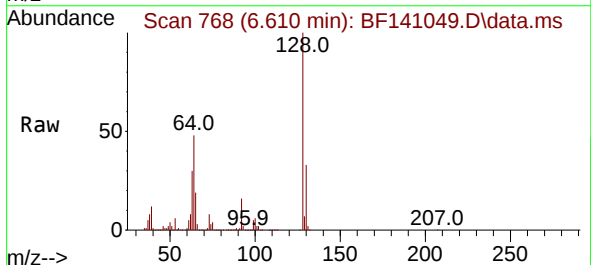
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion: 99 Resp: 2758774
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.9 26.2 39.2



#8
2-Chlorophenol
Concen: 53.174 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 128 Resp: 875879
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 48.3 30.3 70.3

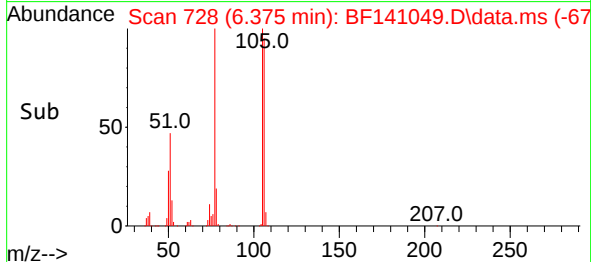
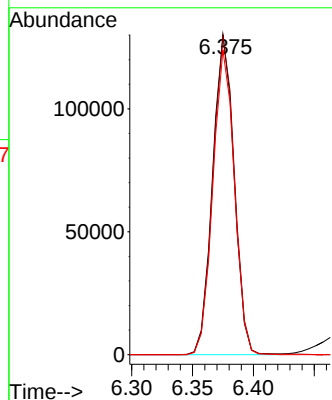
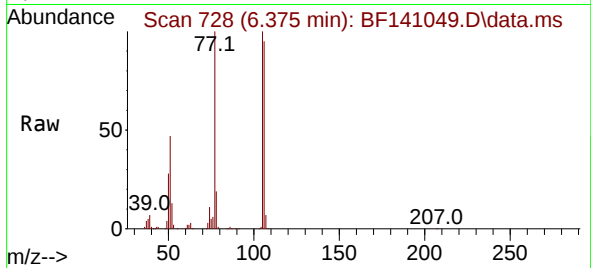




#9
Benzaldehyde
Concen: 9.999 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

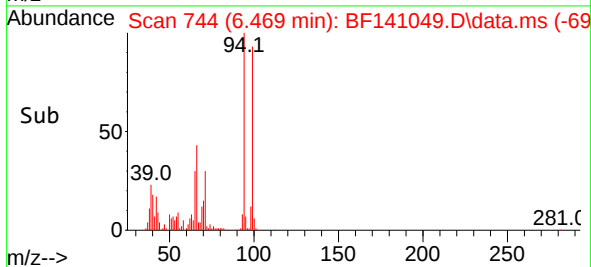
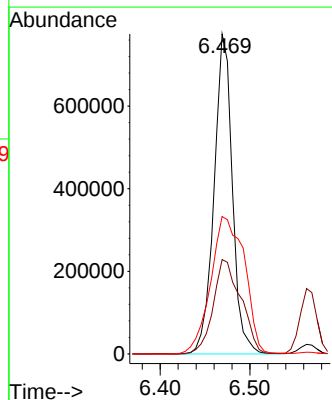
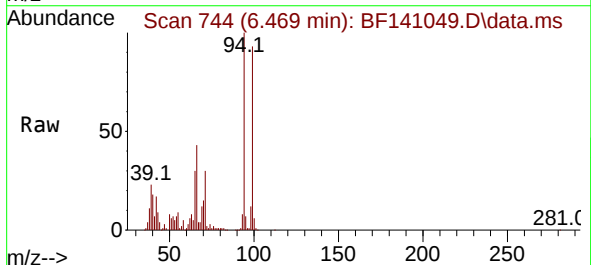
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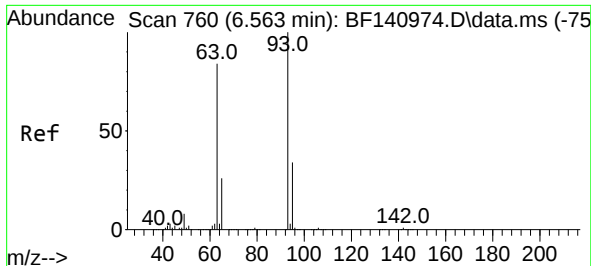
Tgt Ion: 77 Resp: 159449
Ion Ratio Lower Upper
77 100
105 99.6 76.2 116.2
106 95.2 73.4 113.4



#10
Phenol
Concen: 52.827 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 94 Resp: 1099377
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 42.9 18.7 58.7

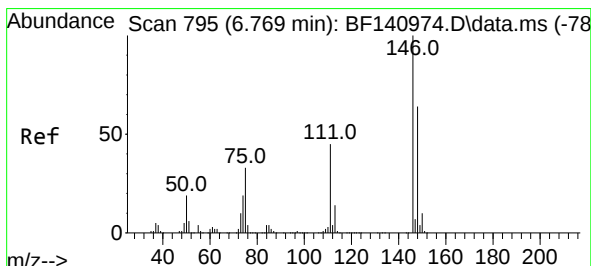
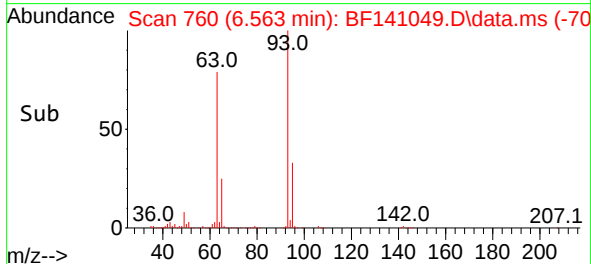
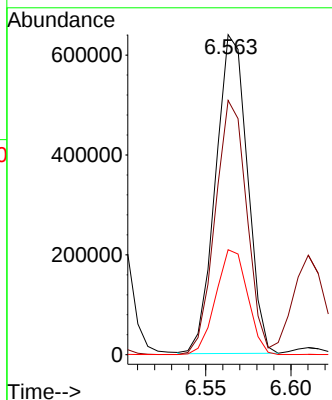
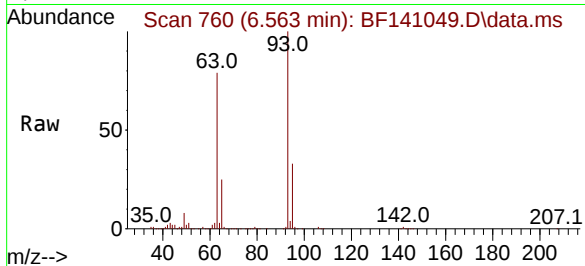




#11
bis(2-Chloroethyl)ether
Concen: 49.280 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

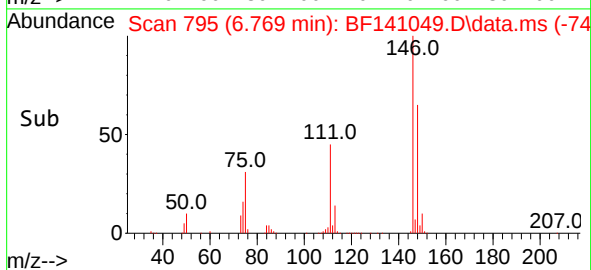
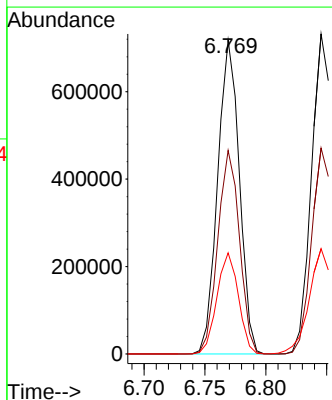
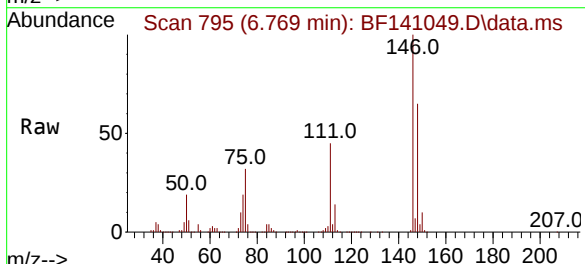
Instrument :
BNA_F
ClientSampleId :
PB165900BS

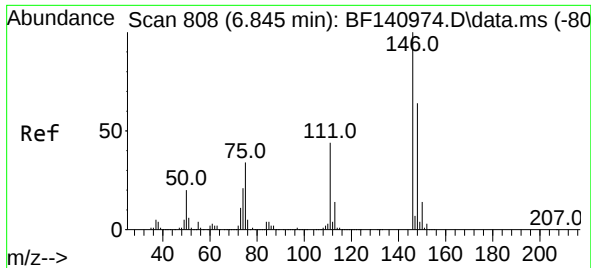
Tgt Ion: 93 Resp: 828084
Ion Ratio Lower Upper
93 100
63 79.4 60.3 100.3
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.978 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:146 Resp: 890357
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 32.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 49.323 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

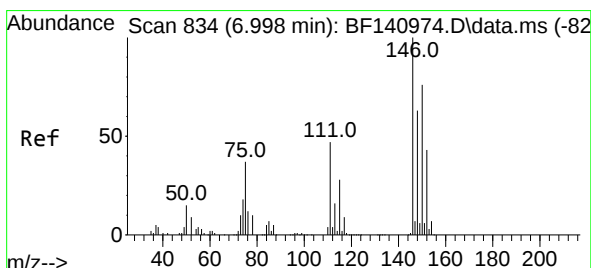
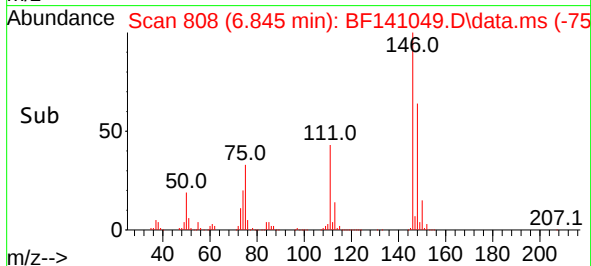
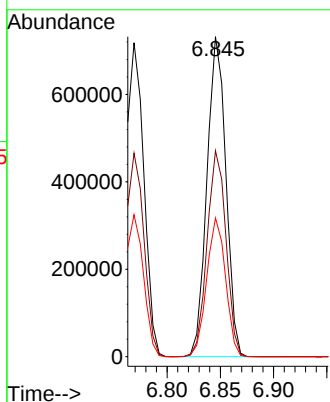
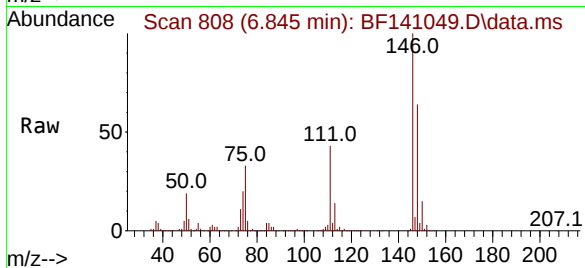
Tgt Ion:146 Resp: 903876

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 43.4 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 50.642 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

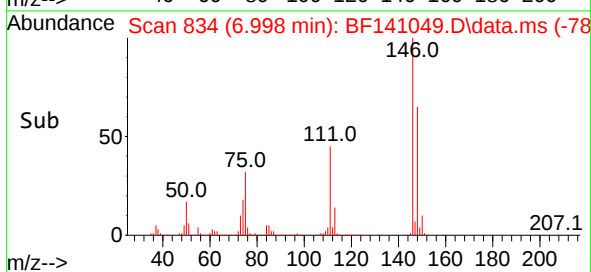
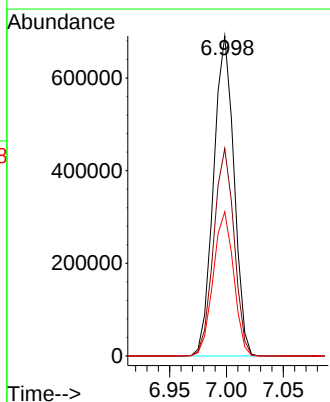
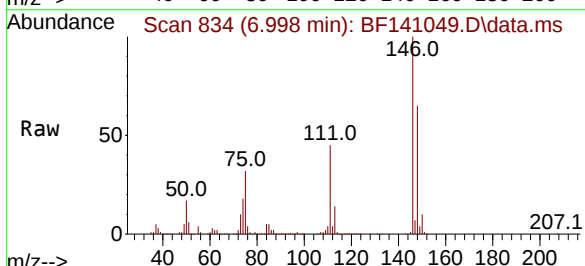
Tgt Ion:146 Resp: 865274

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

111 45.0 37.3 55.9

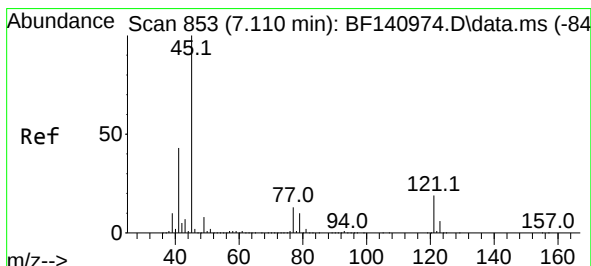
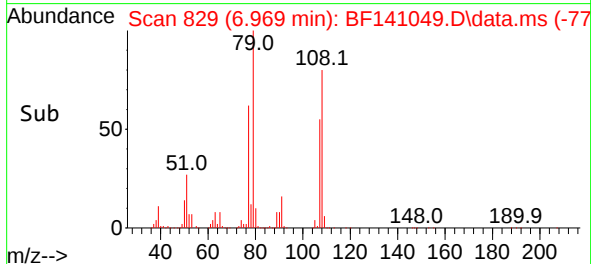
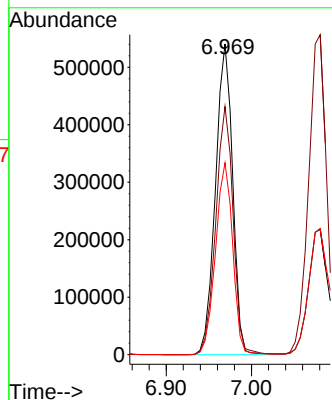
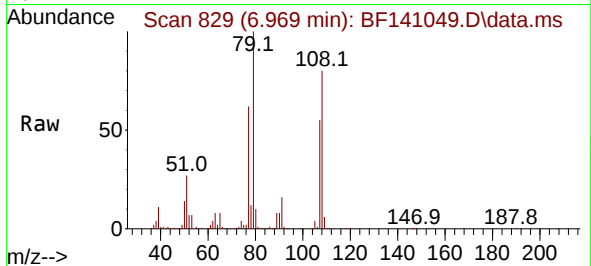




#15
Benzyl Alcohol
Concen: 52.417 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

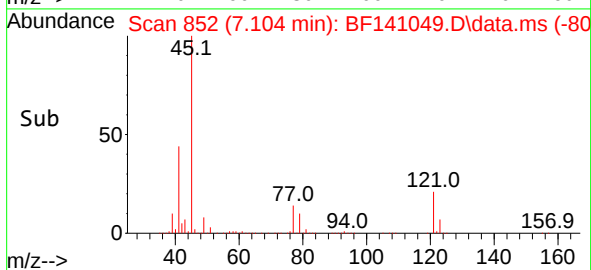
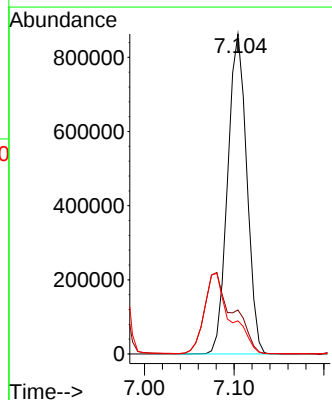
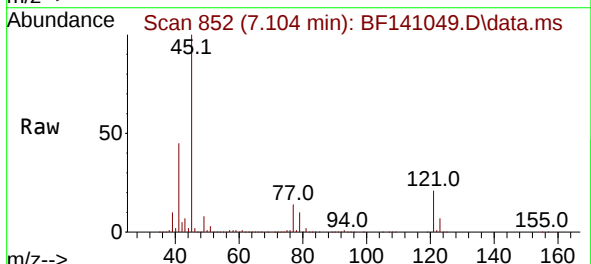
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion: 79 Resp: 758094
Ion Ratio Lower Upper
79 100
108 79.8 62.5 93.7
77 61.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.147 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 45 Resp: 1274350
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.1
79 10.4 0.0 30.1

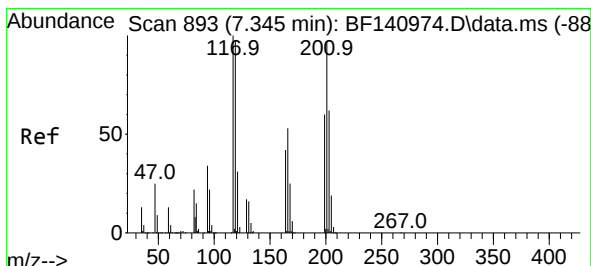
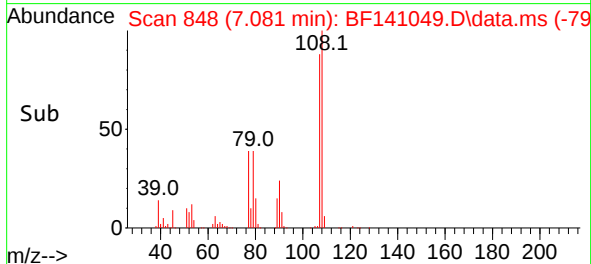
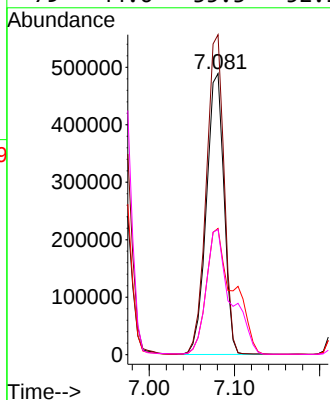
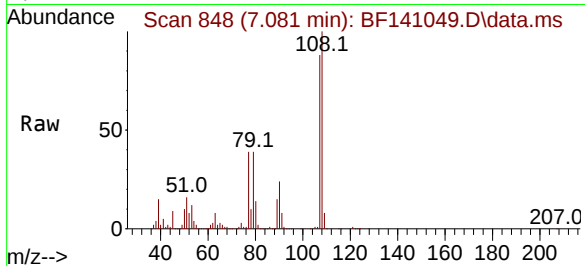




#17
2-Methylphenol
Concen: 51.510 ng
RT: 7.081 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

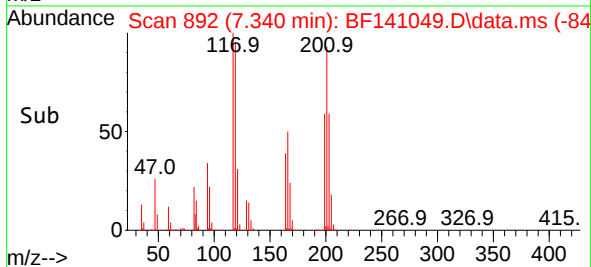
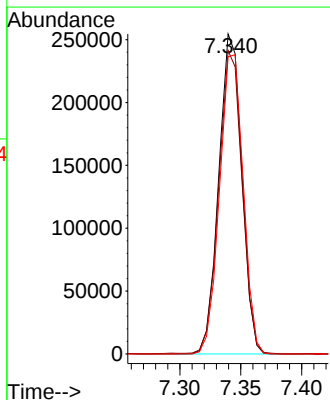
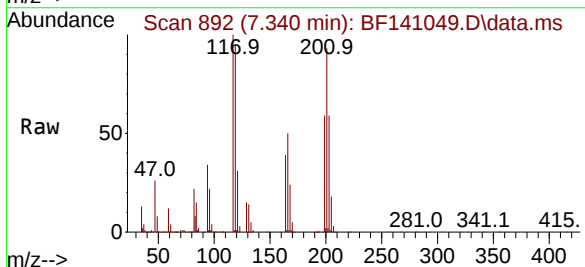
Instrument :
BNA_F
ClientSampleId :
PB165900BS

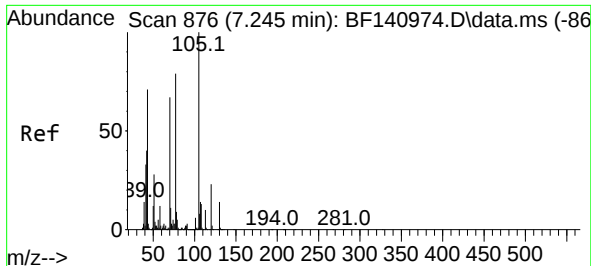
Tgt Ion:107 Resp: 704890
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 44.9 35.3 52.9
79 44.6 35.3 52.9



#18
Hexachloroethane
Concen: 51.472 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:117 Resp: 335075
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
201 92.9 77.4 116.2

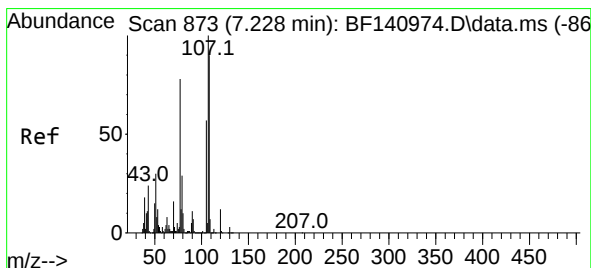
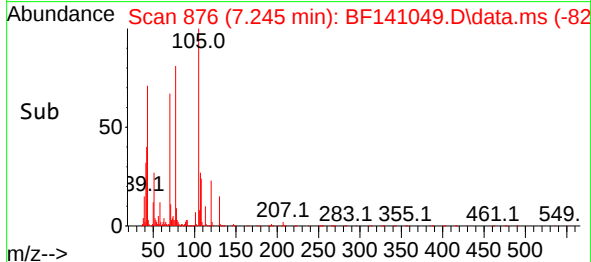
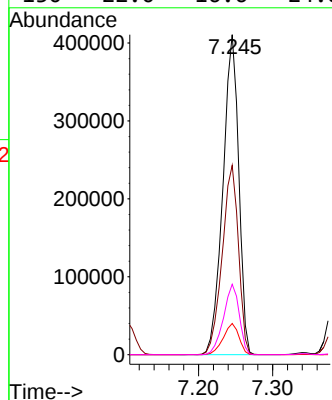
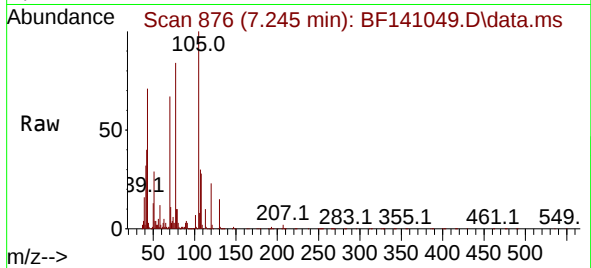




#19
n-Nitroso-di-n-propylamine
Concen: 49.428 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

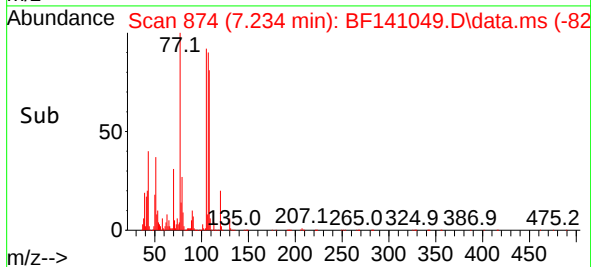
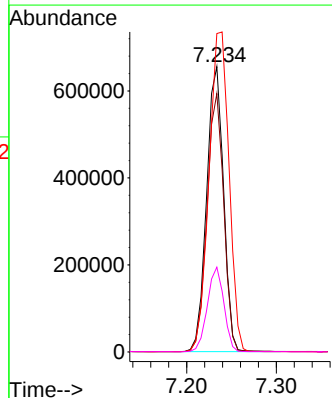
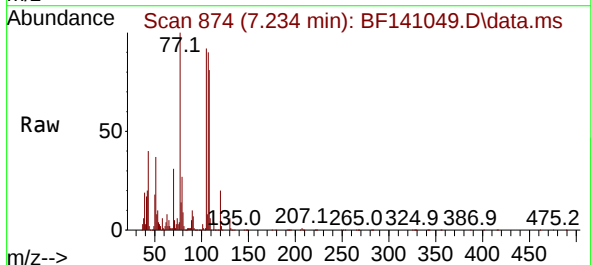
Instrument :
BNA_F
ClientSampleId :
PB165900BS

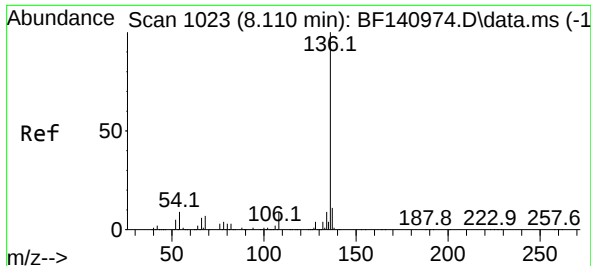
Tgt Ion: 70 Resp: 609449
Ion Ratio Lower Upper
70 100
42 59.2 48.1 72.1
101 9.7 7.6 11.4
130 22.0 16.6 24.8



#20
3+4-Methylphenols
Concen: 49.612 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:107 Resp: 859138
Ion Ratio Lower Upper
107 100
108 90.6 69.6 109.6
77 111.6 57.6 97.6#
79 29.7 8.8 48.8



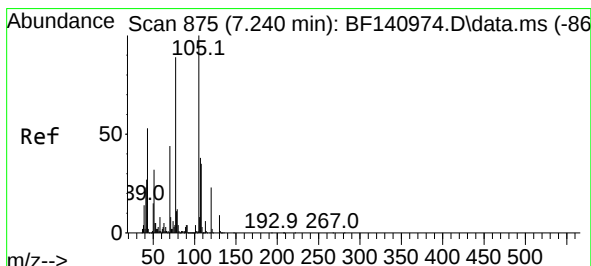
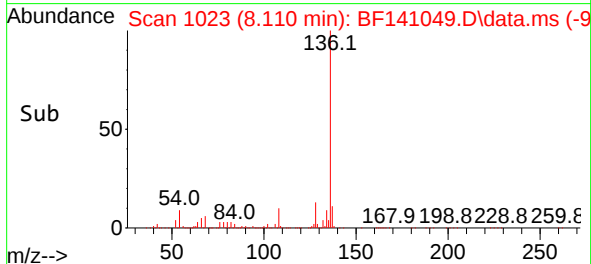
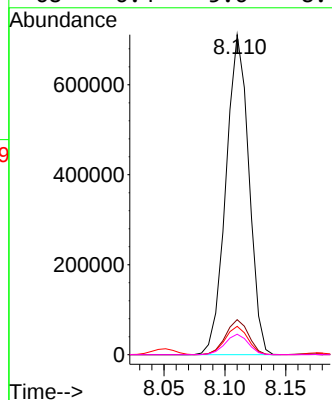
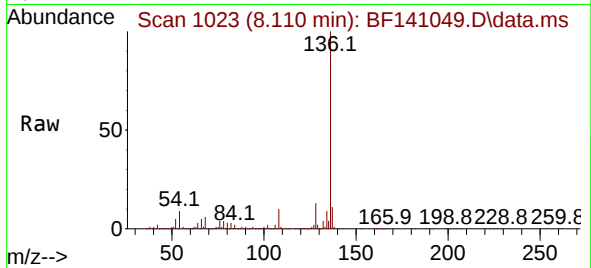


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion:136 Resp: 932567

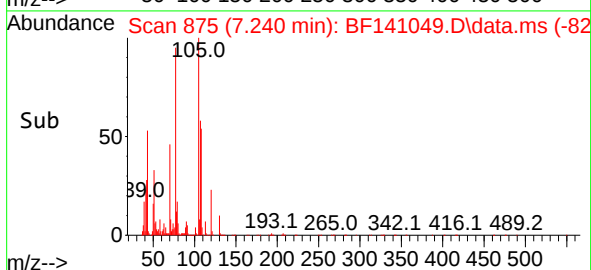
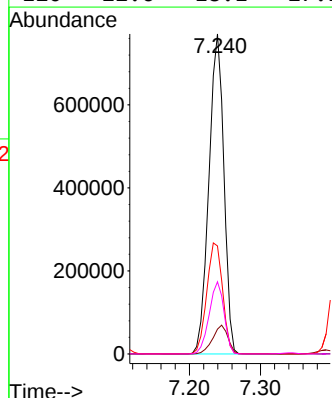
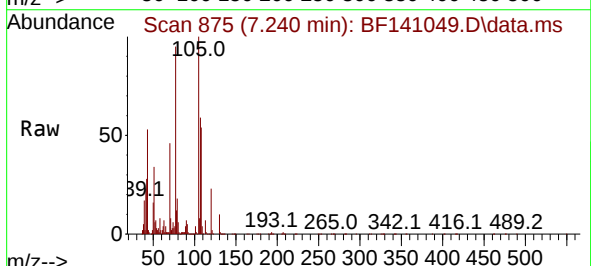
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.8	7.6	11.4
68	6.4	5.6	8.4

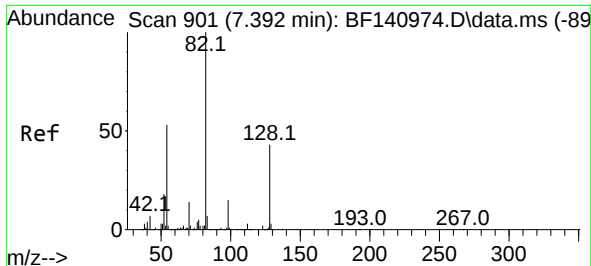


#22
Acetophenone
Concen: 49.433 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:105 Resp: 1130893

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.1	9.1
51	33.7	25.8	38.6
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 120.067 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

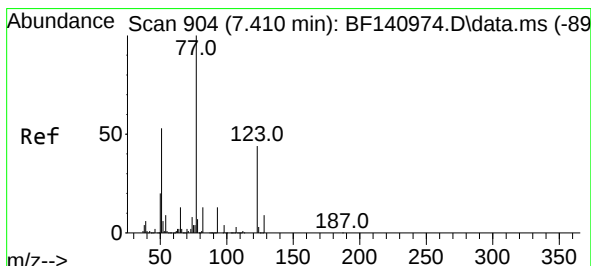
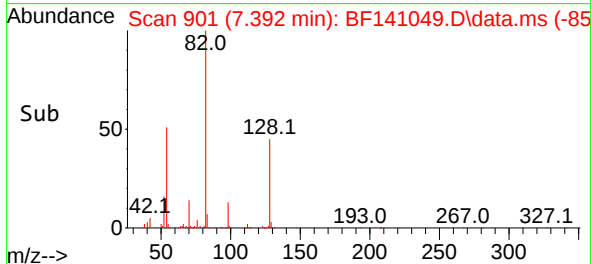
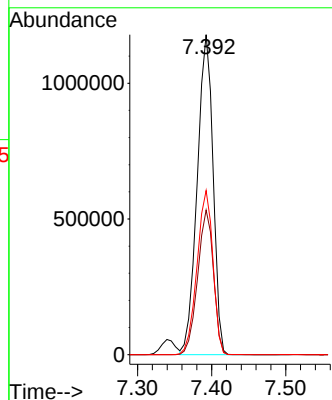
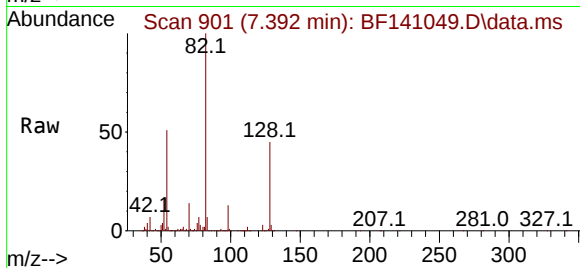
BNA_F

ClientSampleId :

PB165900BS

Tgt Ion: 82 Resp: 1750141

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	51.3	42.4	63.6



#24

Nitrobenzene

Concen: 55.898 ng

RT: 7.410 min Scan# 904

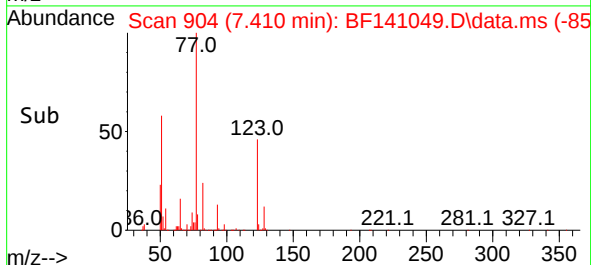
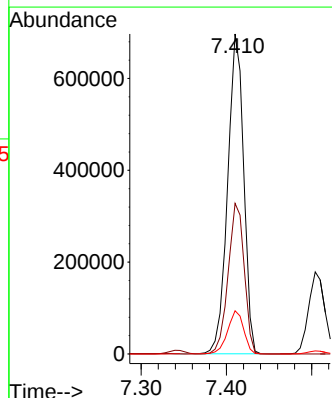
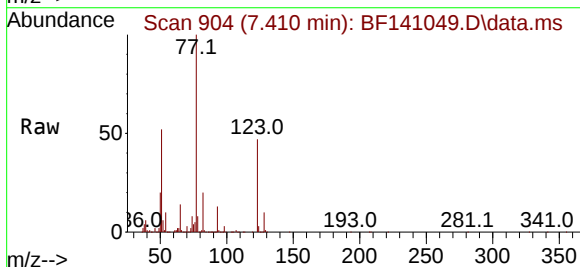
Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Tgt Ion: 77 Resp: 910436

Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.4	53.2
65	13.5	10.7	16.1

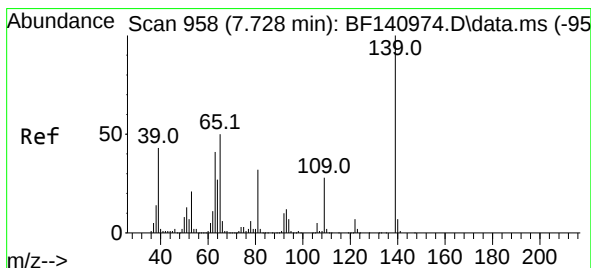
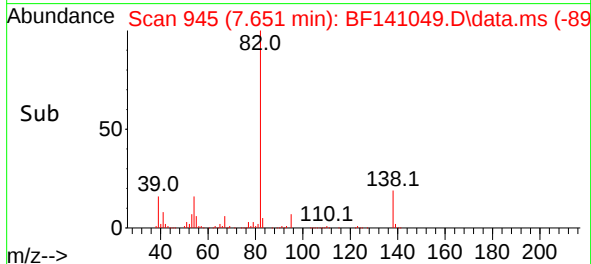
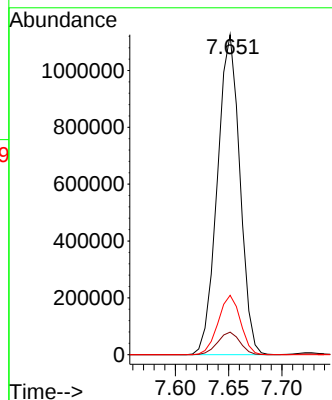
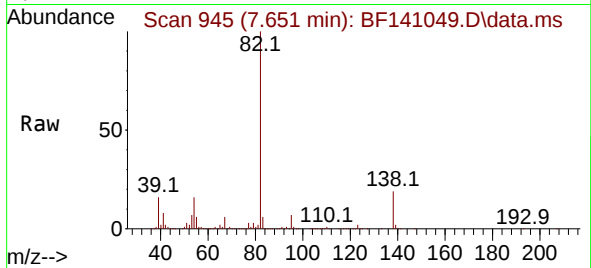




#25
Isophorone
Concen: 52.009 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

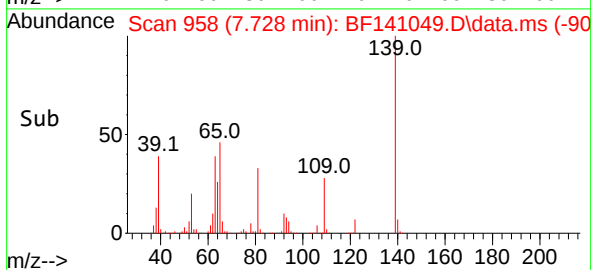
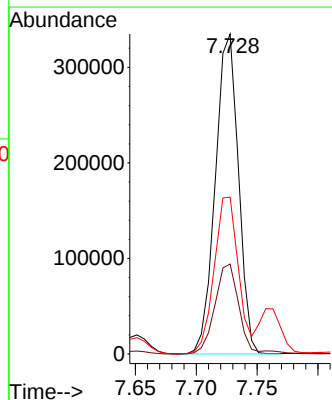
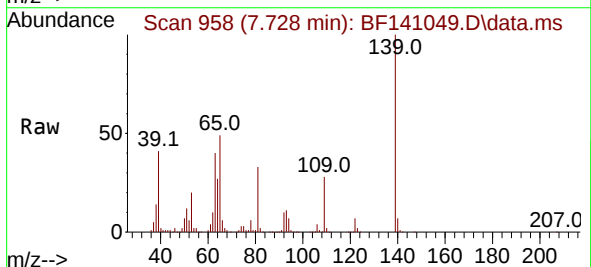
Instrument :
BNA_F
ClientSampleId :
PB165900BS

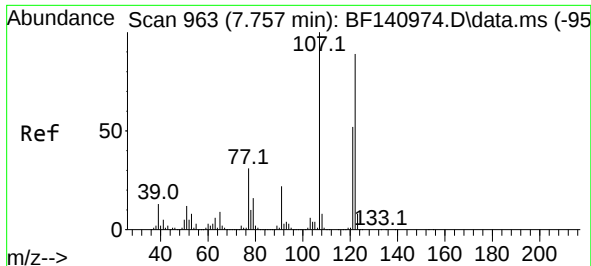
Tgt Ion: 82 Resp: 1649672
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 64.327 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:139 Resp: 442904
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 49.0 40.2 60.4

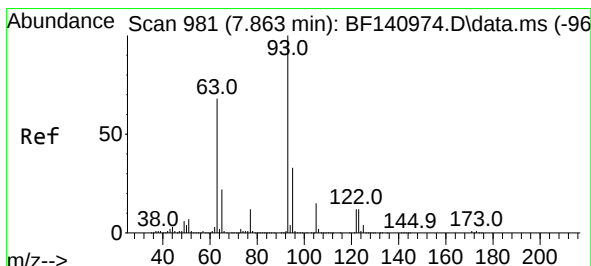
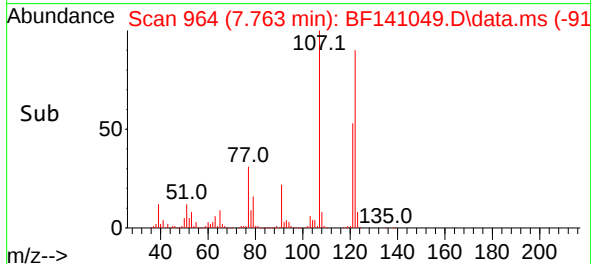
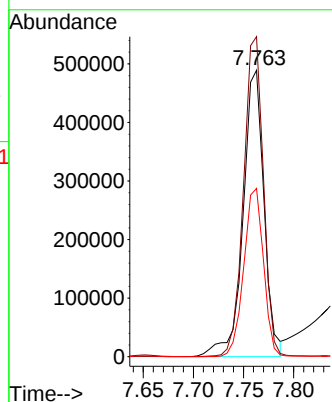
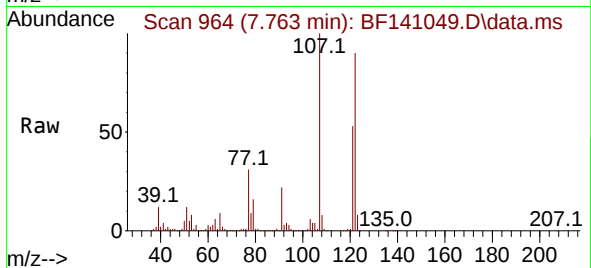




#27
2,4-Dimethylphenol
Concen: 61.468 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

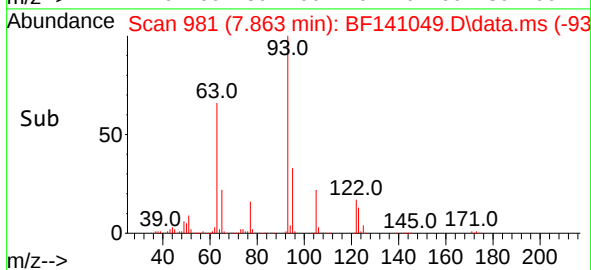
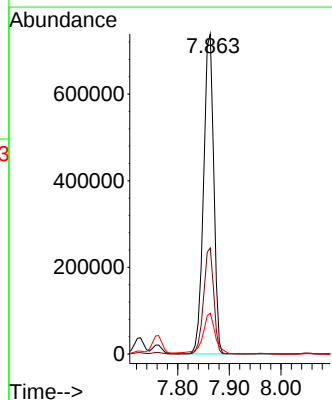
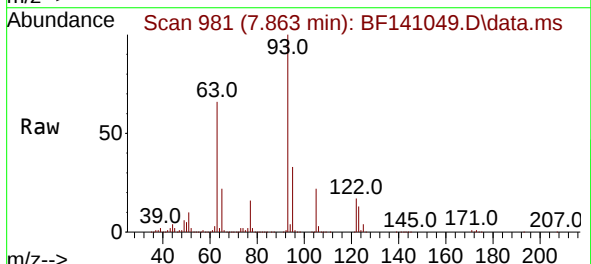
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion:122 Resp: 712551
Ion Ratio Lower Upper
122 100
107 111.7 89.4 134.2
121 58.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.292 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion: 93 Resp: 1010701
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.8 9.9 14.9

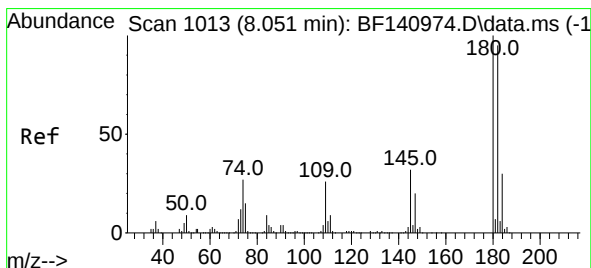
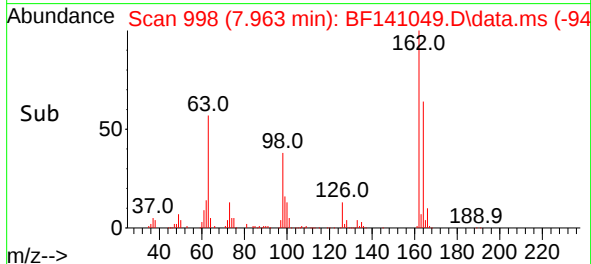
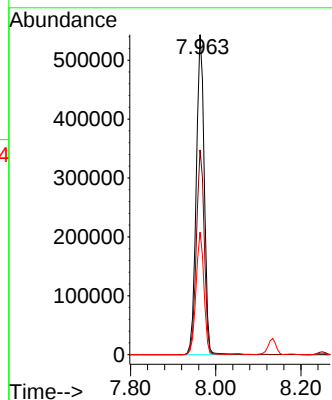
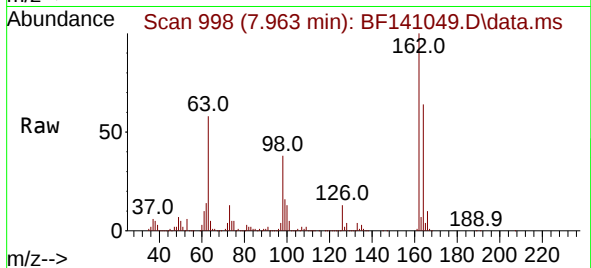




#29
2,4-Dichlorophenol
Concen: 53.965 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

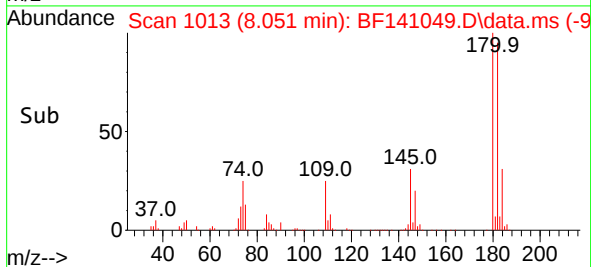
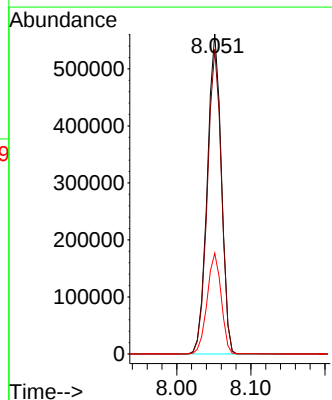
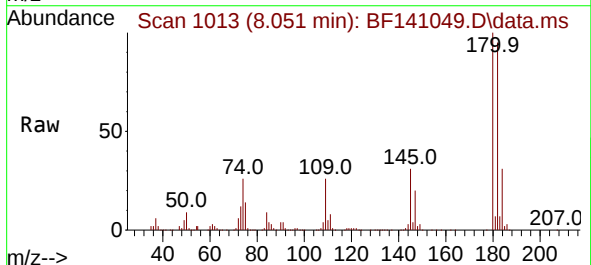
Instrument :
BNA_F
ClientSampleId :
PB165900BS

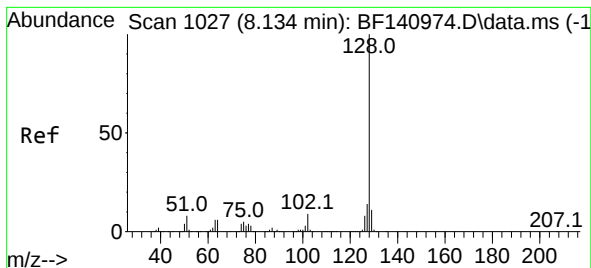
Tgt Ion:162 Resp: 709500
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 38.3 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 49.665 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:180 Resp: 739054
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 31.5 25.4 38.2





#31

Naphthalene

Concen: 49.490 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

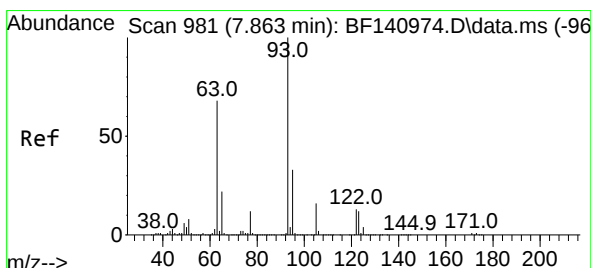
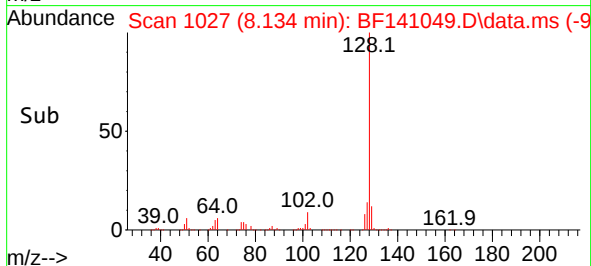
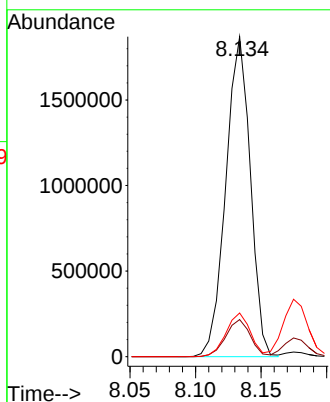
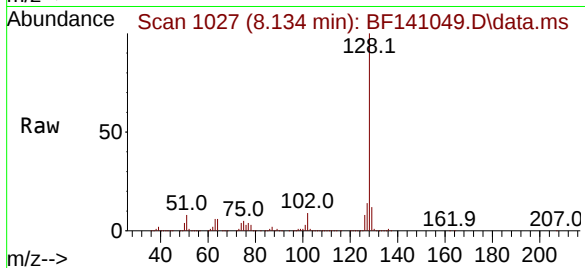
Tgt Ion:128 Resp: 2431990

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 57.748 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

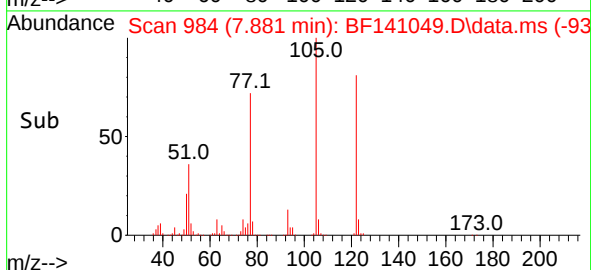
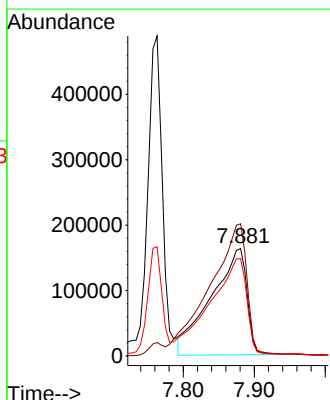
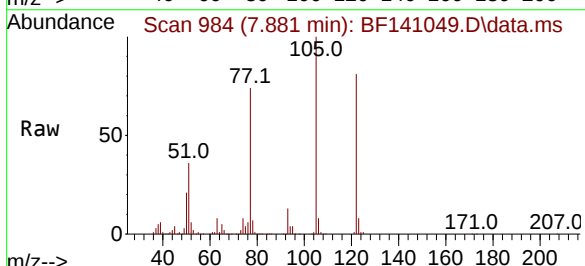
Tgt Ion:122 Resp: 568654

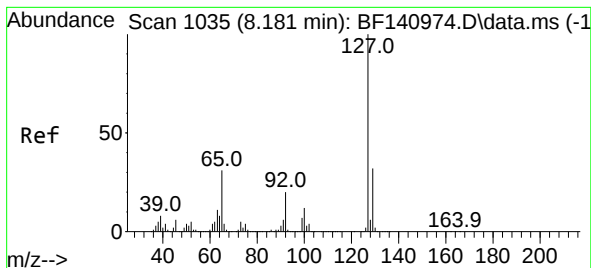
Ion Ratio Lower Upper

122 100

105 122.8 105.4 145.4

77 90.5 76.4 116.4





#33

4-Chloroaniline

Concen: 25.991 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

Tgt Ion:127 Resp: 462060

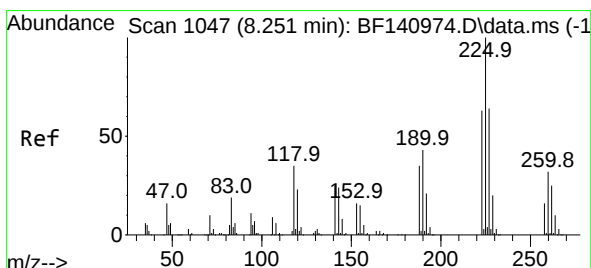
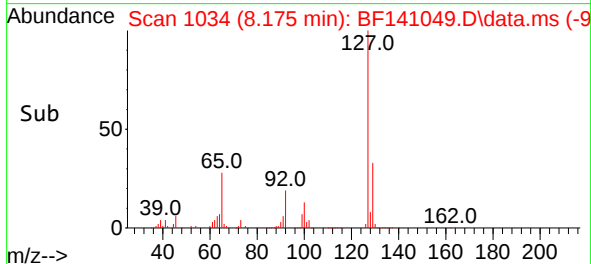
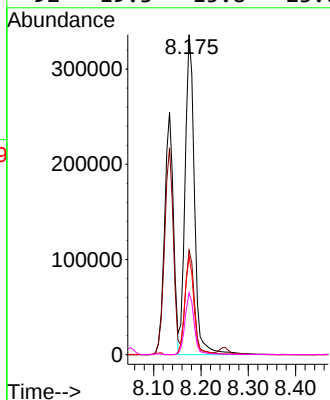
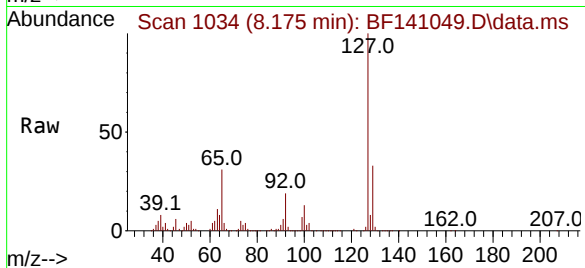
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 30.6 24.6 37.0

92 19.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 50.629 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

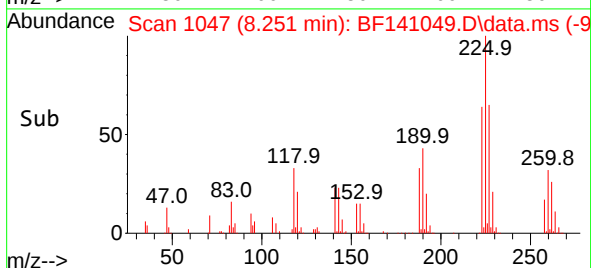
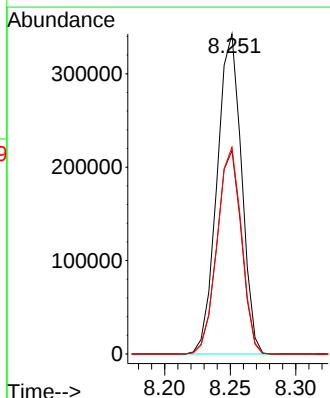
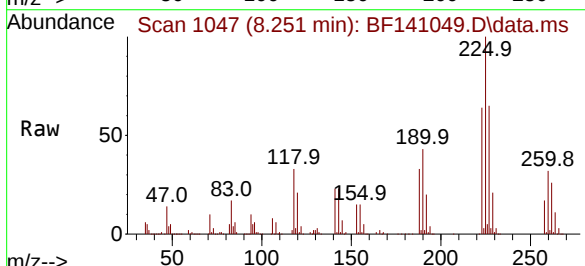
Tgt Ion:225 Resp: 444153

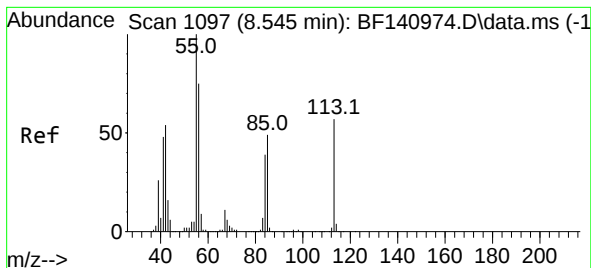
Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

227 64.6 50.8 76.2





#35

Caprolactam

Concen: 31.094 ng

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

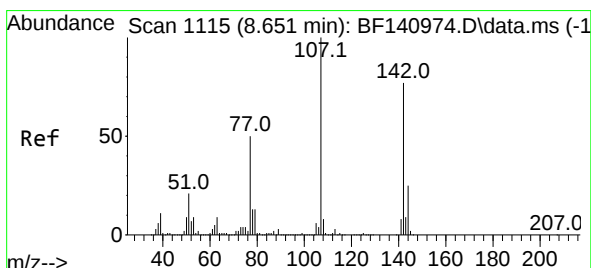
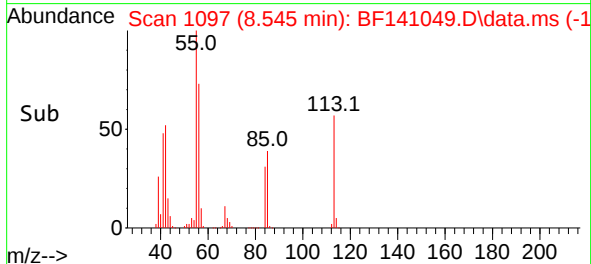
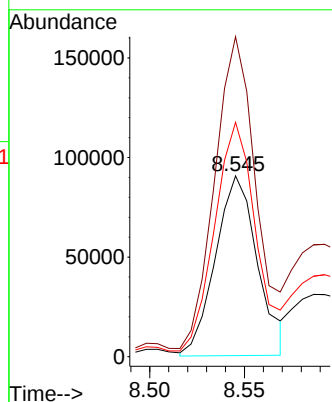
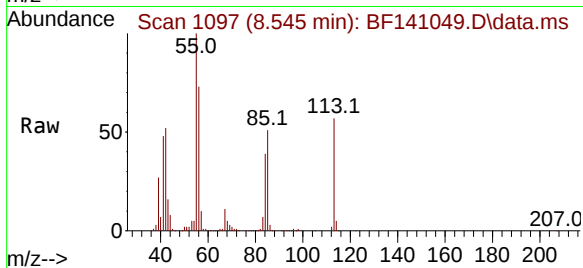
Tgt Ion:113 Resp: 138975

Ion Ratio Lower Upper

113 100

55 177.0 156.6 196.6

56 129.6 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 51.917 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

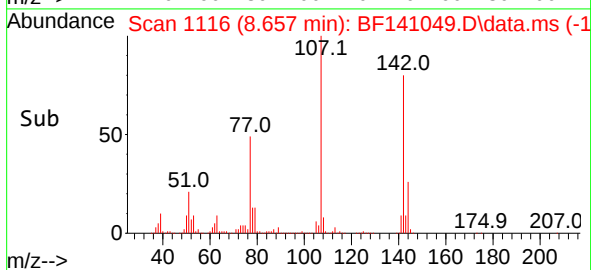
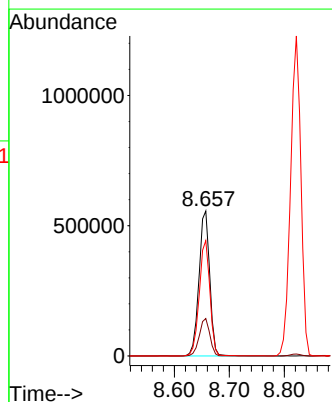
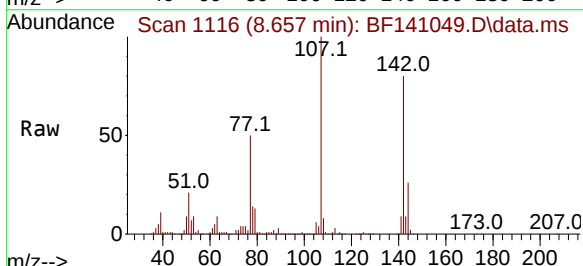
Tgt Ion:107 Resp: 758041

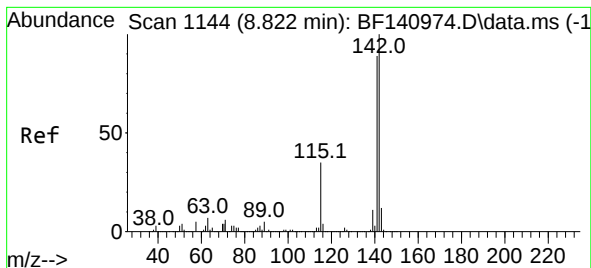
Ion Ratio Lower Upper

107 100

144 25.9 19.9 29.9

142 79.6 61.8 92.8





#37

2-Methylnaphthalene

Concen: 51.079 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

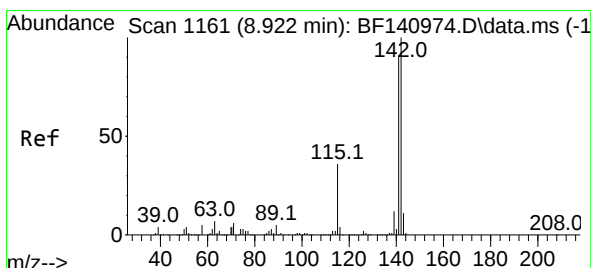
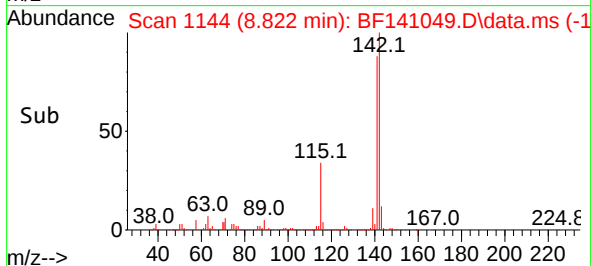
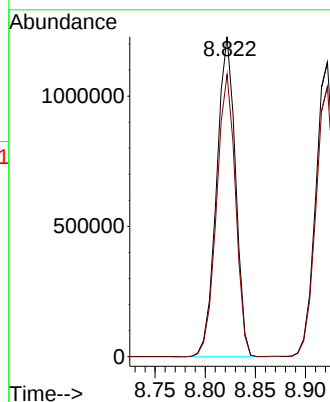
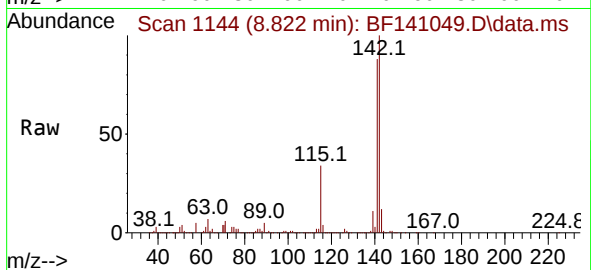
PB165900BS

Tgt Ion:142 Resp: 1605786

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 47.987 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141049.D

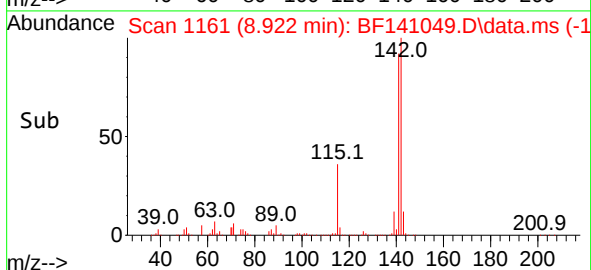
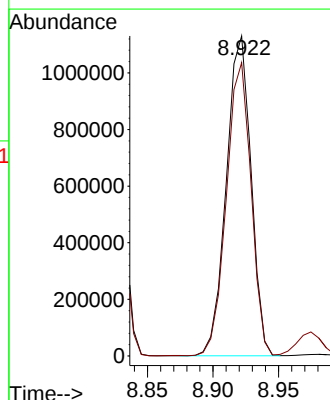
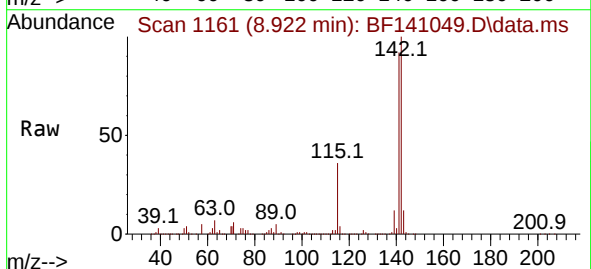
Acq: 31 Dec 2024 10:44

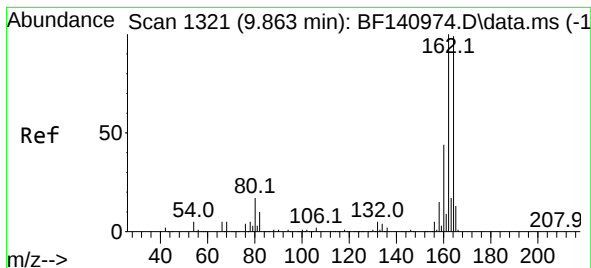
Tgt Ion:142 Resp: 1482604

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

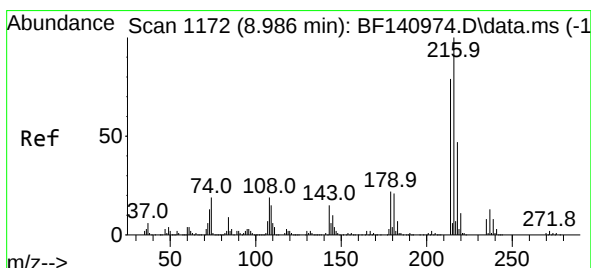
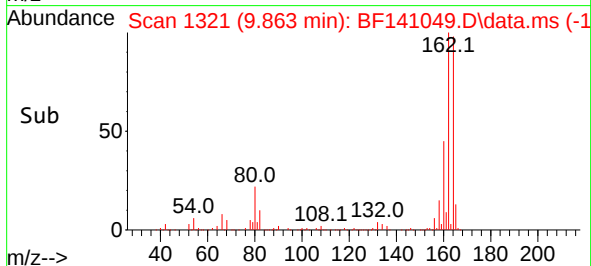
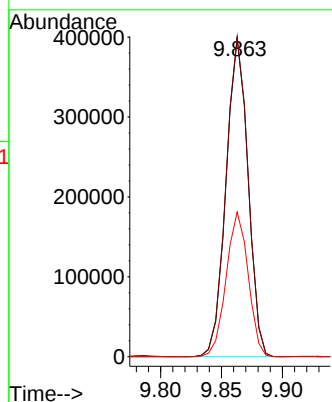
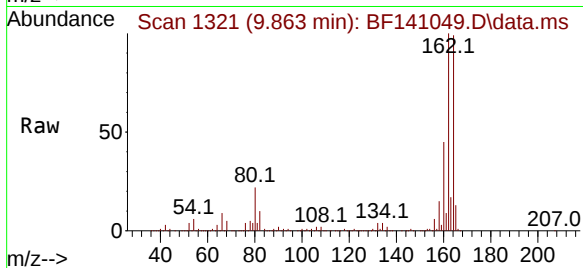
Tgt Ion:164 Resp: 498769

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 45.5 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.830 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Tgt Ion:216 Resp: 711196

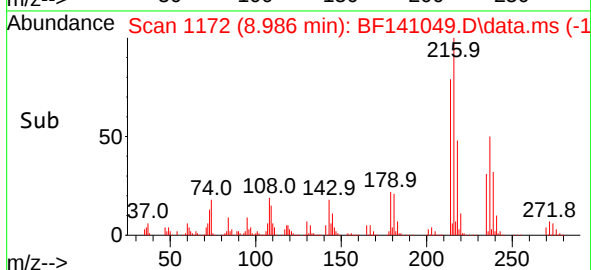
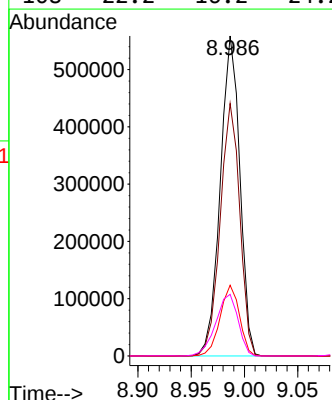
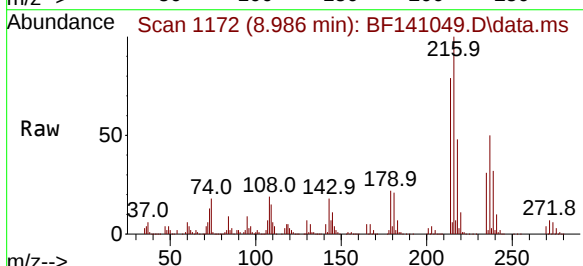
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 22.0 17.9 26.9

108 22.2 16.2 24.2

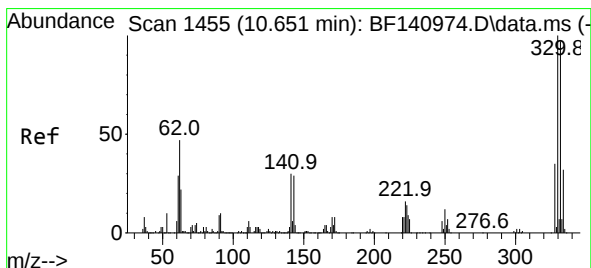
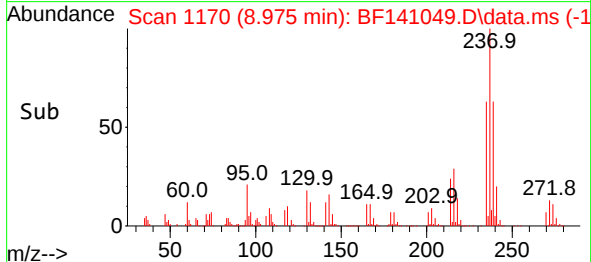
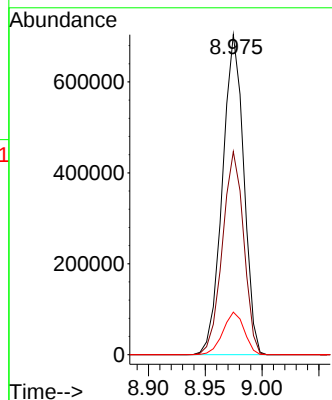
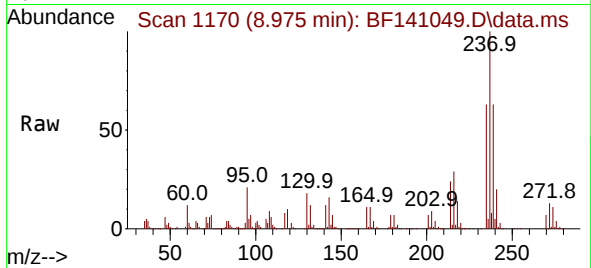




#41
Hexachlorocyclopentadiene
Concen: 202.358 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

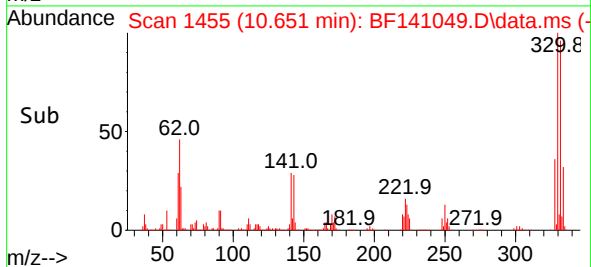
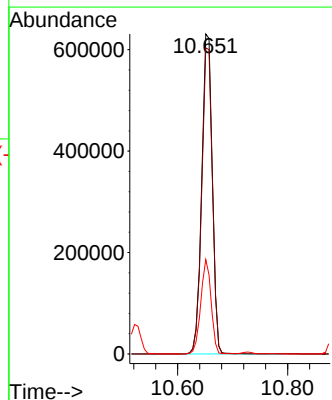
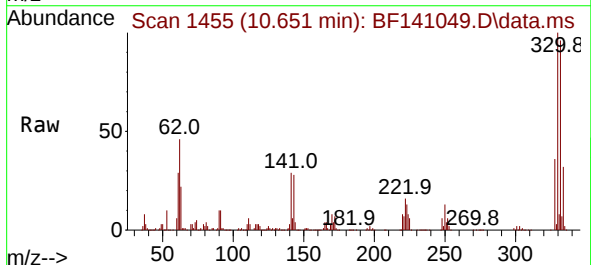
Instrument :
BNA_F
ClientSampleId :
PB165900BS

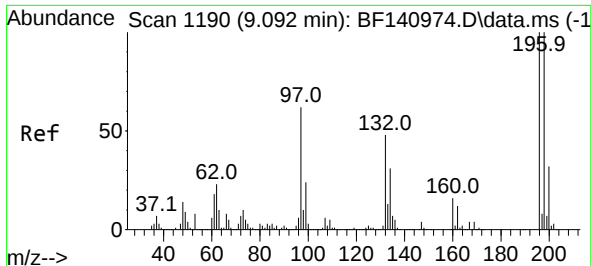
Tgt Ion:237 Resp: 920170
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 174.855 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:330 Resp: 847449
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 28.8 26.4 39.6

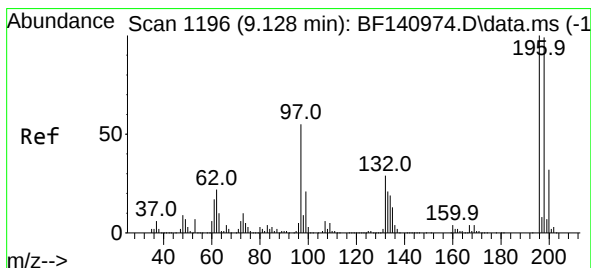
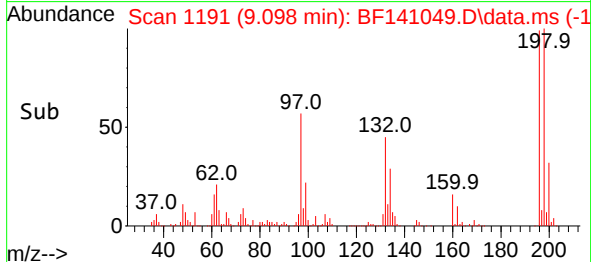
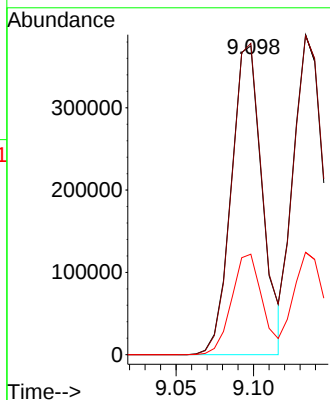
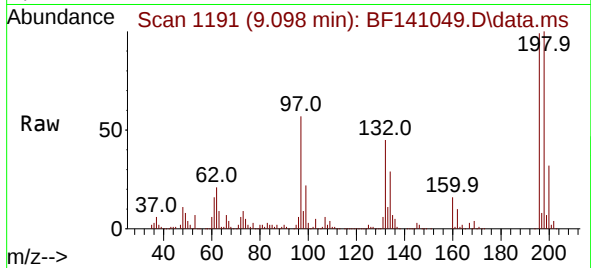




#43
2,4,6-Trichlorophenol
Concen: 57.372 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

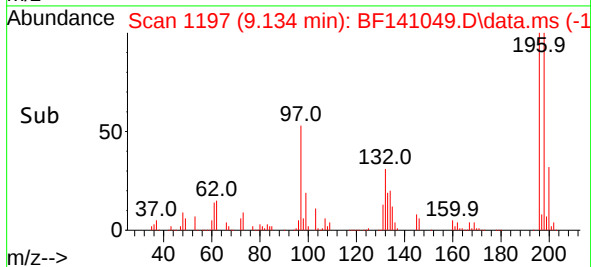
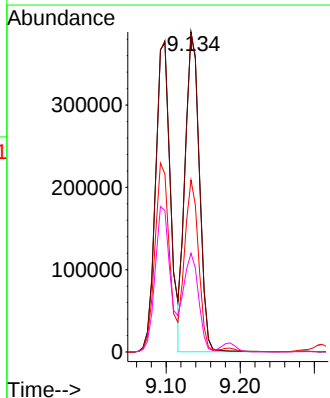
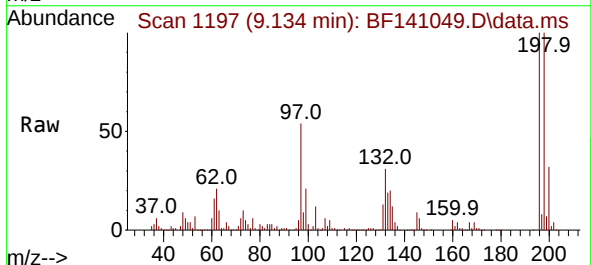
Instrument :
BNA_F
ClientSampleId :
PB165900BS

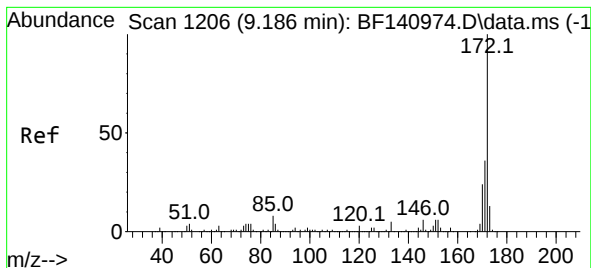
Tgt Ion:196 Resp: 523955
Ion Ratio Lower Upper
196 100
198 100.8 80.2 120.4
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 55.549 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:196 Resp: 519070
Ion Ratio Lower Upper
196 100
198 99.7 79.9 119.9
97 53.7 44.3 66.5
132 30.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 97.621 ng

RT: 9.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

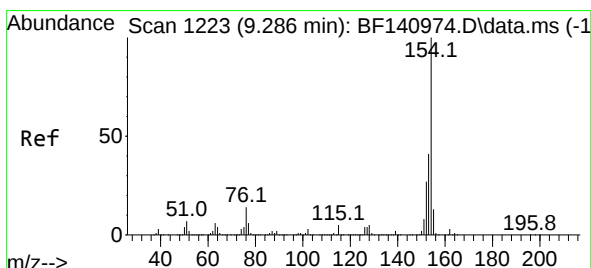
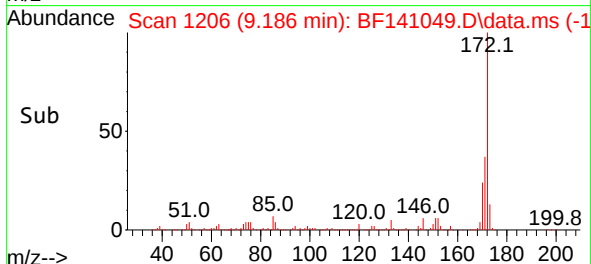
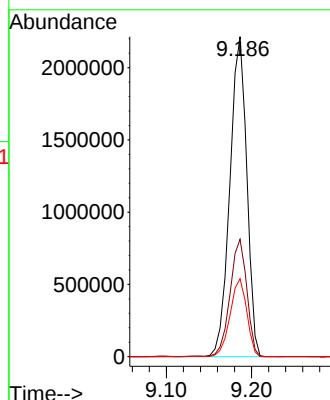
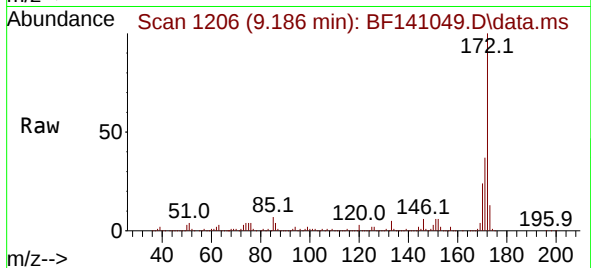
Tgt Ion:172 Resp: 3056050

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 50.913 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

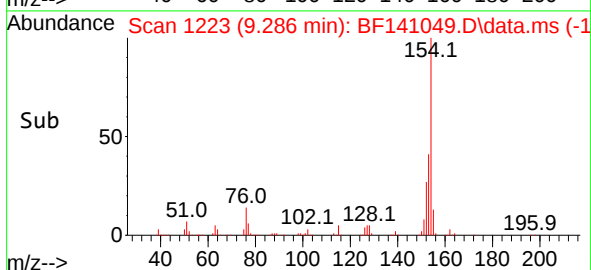
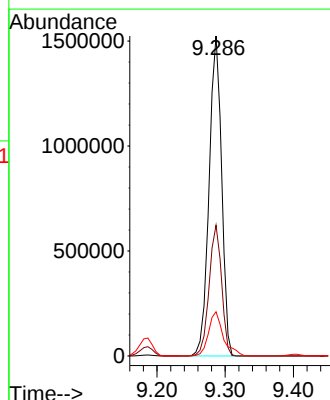
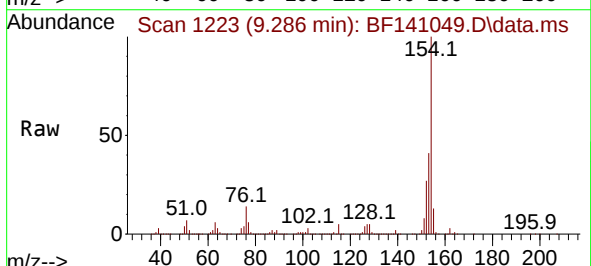
Tgt Ion:154 Resp: 1944410

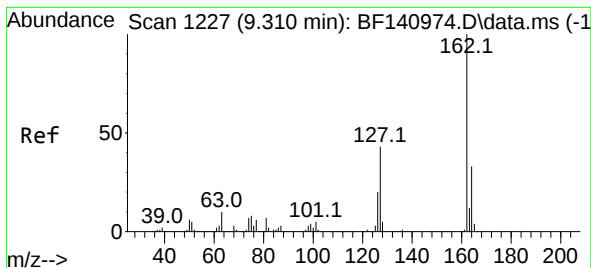
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.722 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

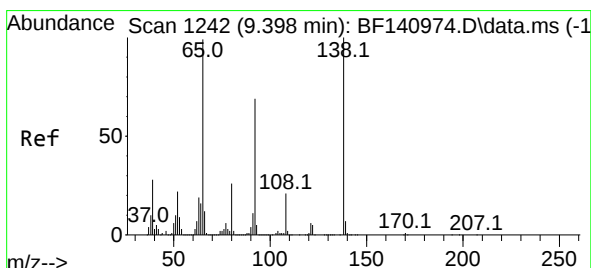
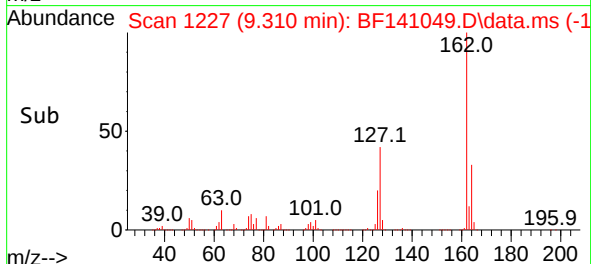
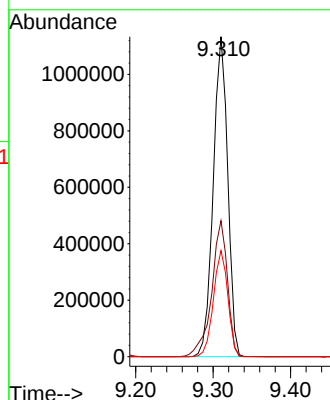
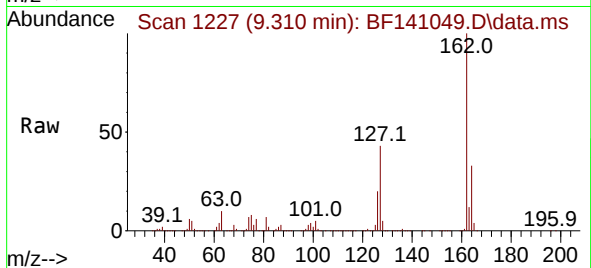
Tgt Ion:162 Resp: 1472739

Ion Ratio Lower Upper

162 100

127 42.5 34.2 51.4

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 60.088 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

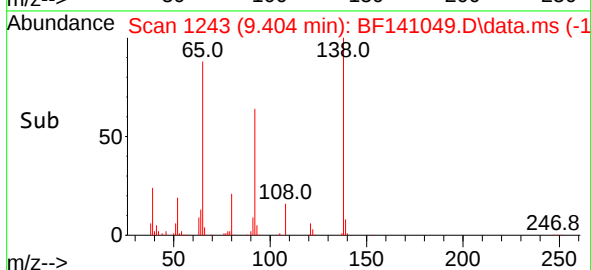
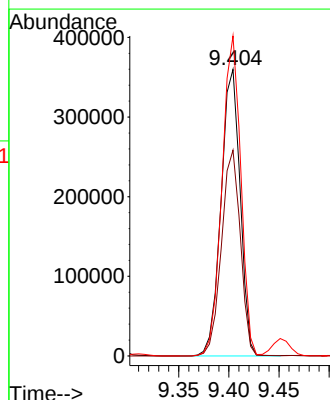
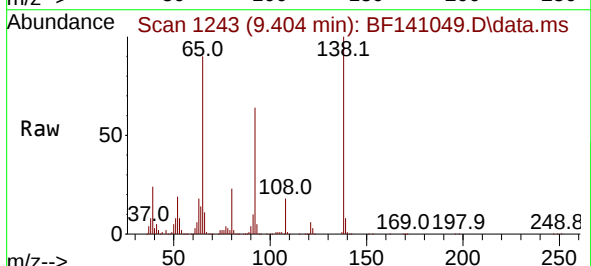
Tgt Ion: 65 Resp: 475629

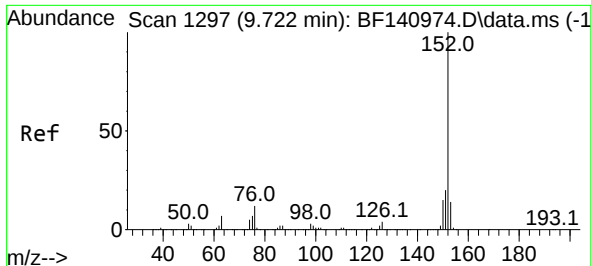
Ion Ratio Lower Upper

65 100

92 71.8 55.6 83.4

138 111.7 80.5 120.7





#49

Acenaphthylene

Concen: 54.176 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

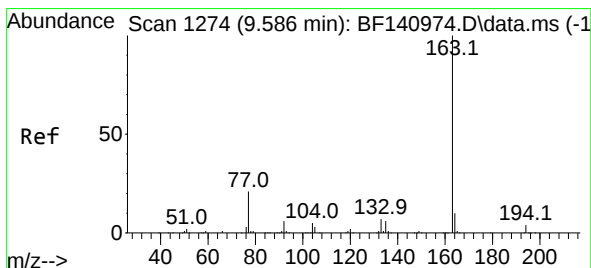
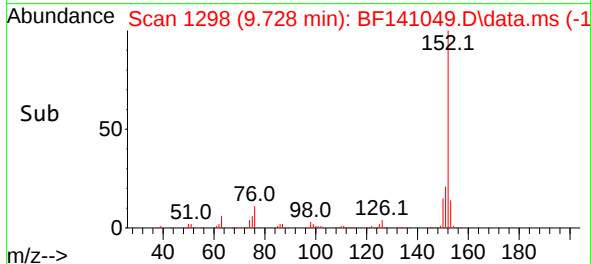
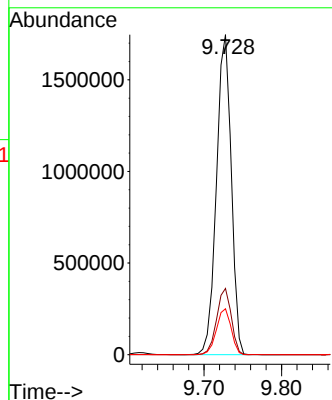
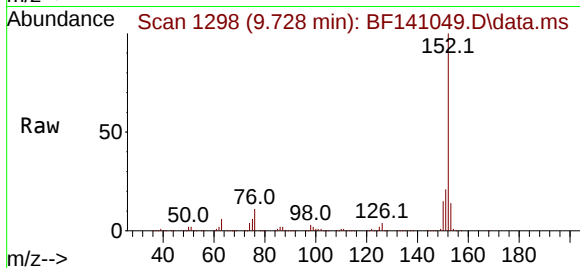
Tgt Ion:152 Resp: 2309969

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 54.045 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

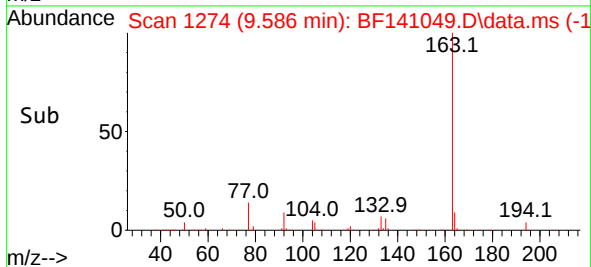
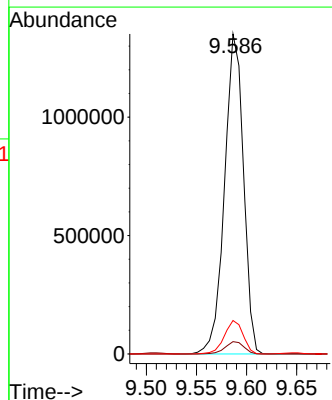
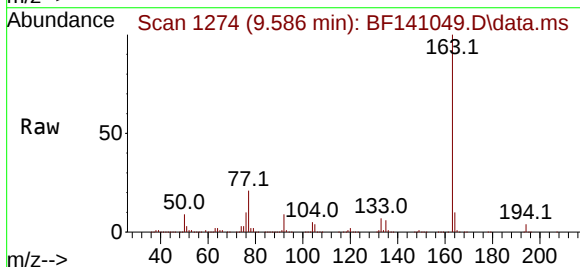
Tgt Ion:163 Resp: 1773074

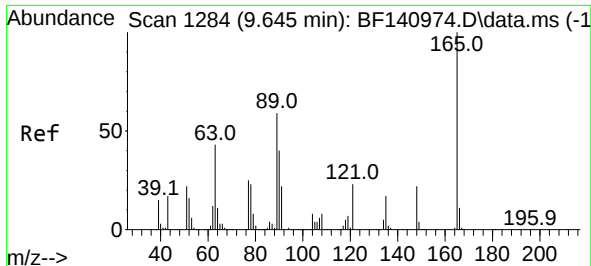
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.3 12.5

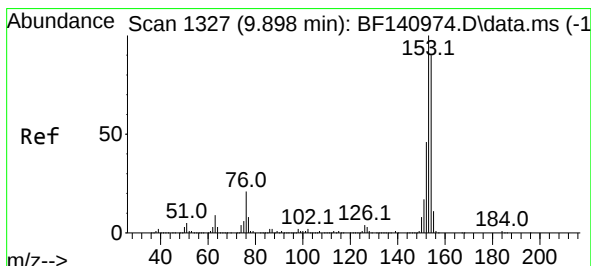
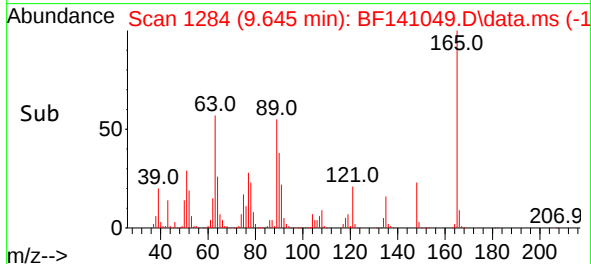
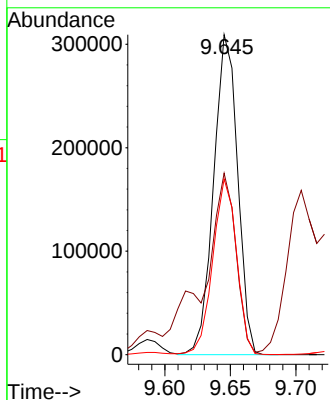
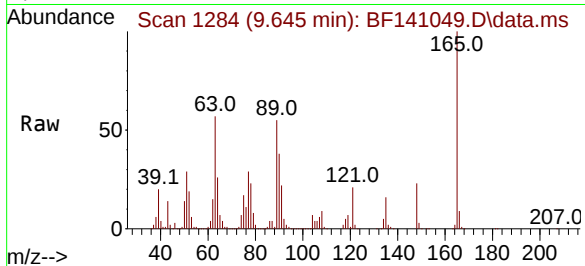




#51
2,6-Dinitrotoluene
Concen: 57.956 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

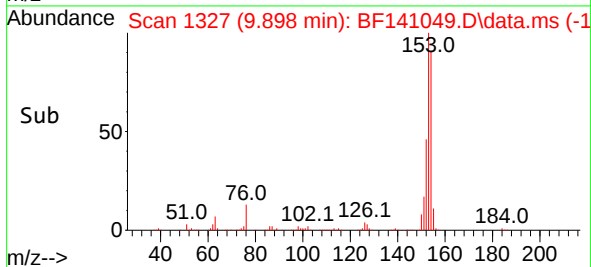
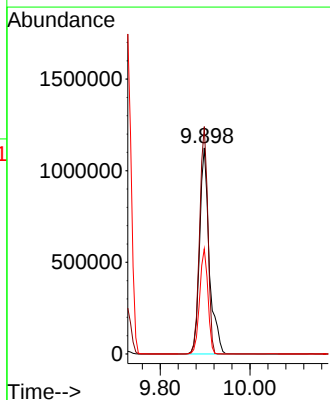
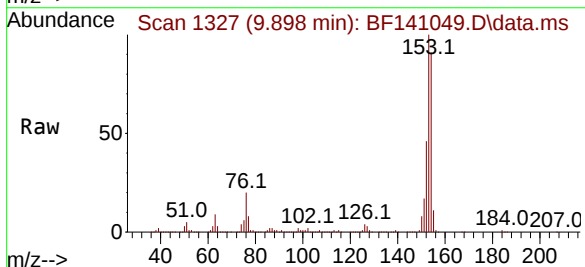
Instrument :
BNA_F
ClientSampleId :
PB165900BS

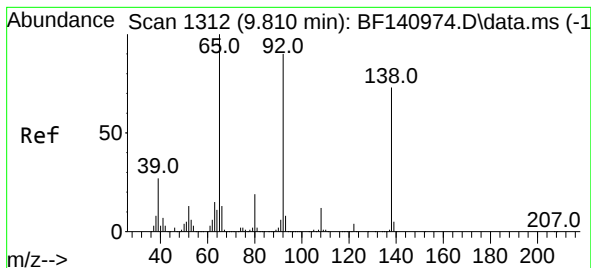
Tgt Ion:165 Resp: 393248
Ion Ratio Lower Upper
165 100
63 56.7 47.1 70.7
89 54.9 47.0 70.4



#52
Acenaphthene
Concen: 58.398 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:154 Resp: 1683356
Ion Ratio Lower Upper
154 100
153 110.3 89.2 133.8
152 51.0 40.9 61.3





#53

3-Nitroaniline

Concen: 38.478 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

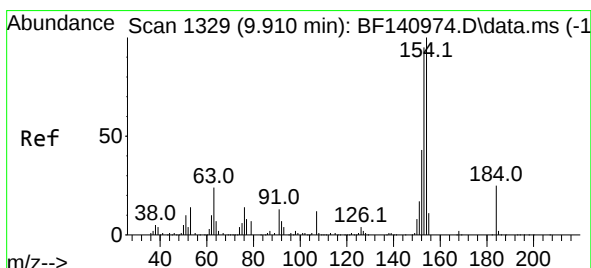
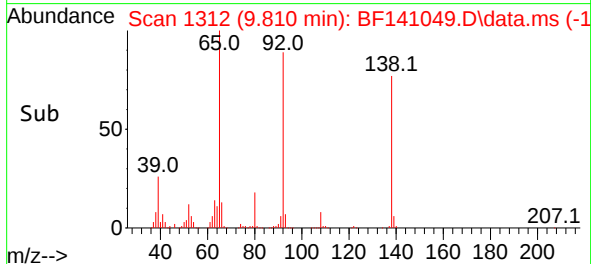
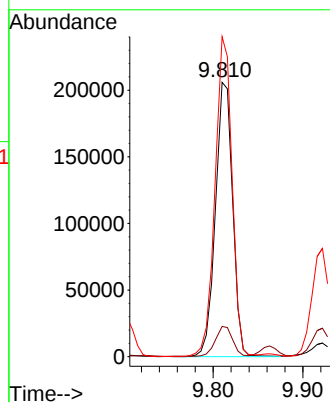
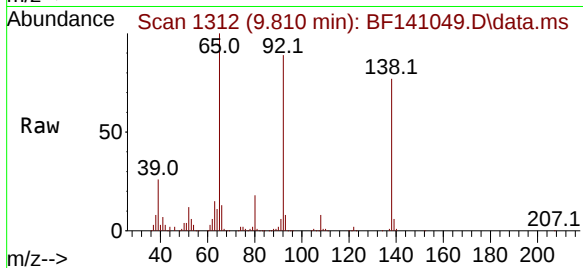
Tgt Ion:138 Resp: 274915

Ion Ratio Lower Upper

138 100

108 11.0 13.5 20.3#

92 116.6 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 126.139 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

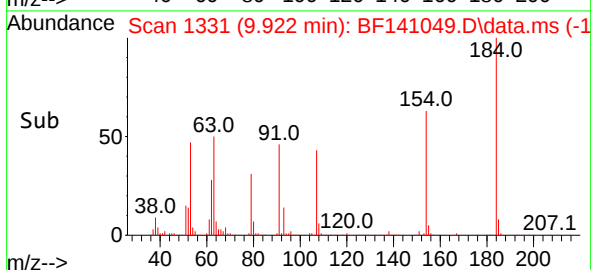
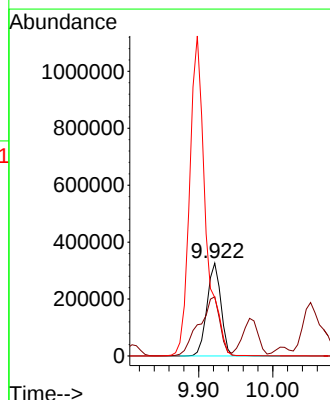
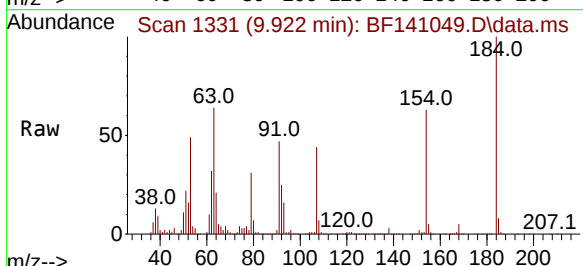
Tgt Ion:184 Resp: 425813

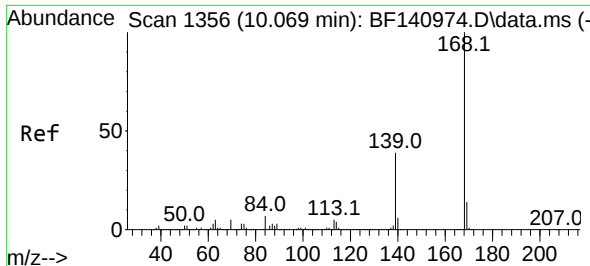
Ion Ratio Lower Upper

184 100

63 63.8 81.6 122.4#

154 63.0 363.5 545.3#

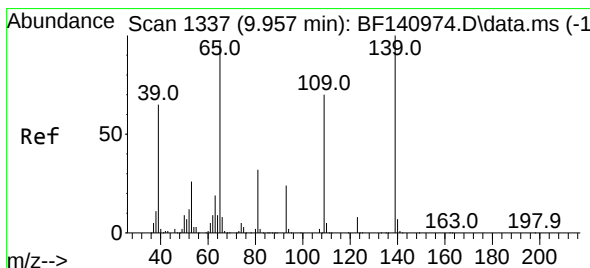
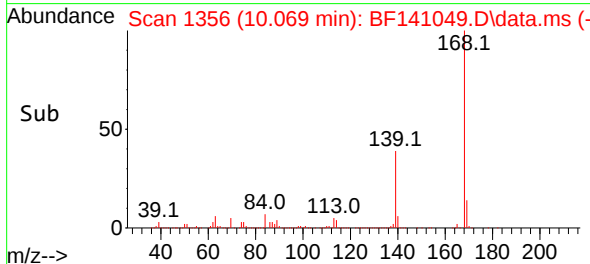
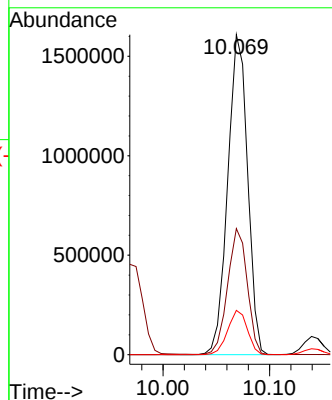
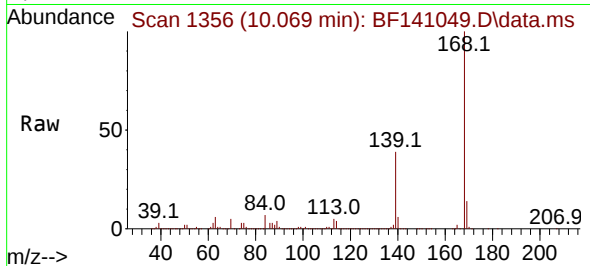




#55
Dibenzofuran
Concen: 51.480 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

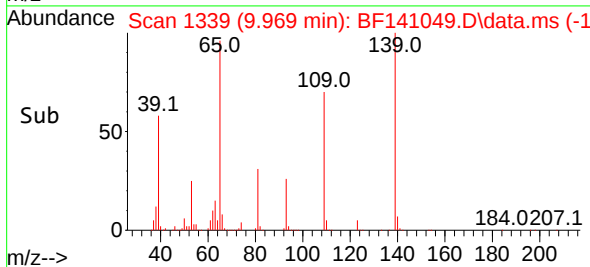
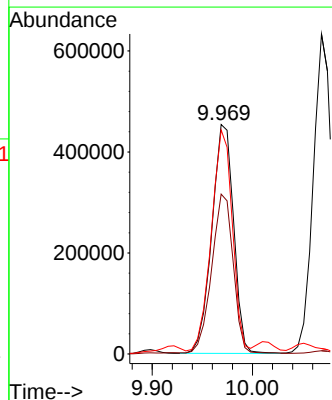
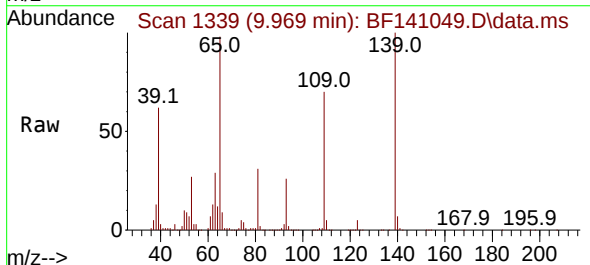
Instrument :
BNA_F
ClientSampleId :
PB165900BS

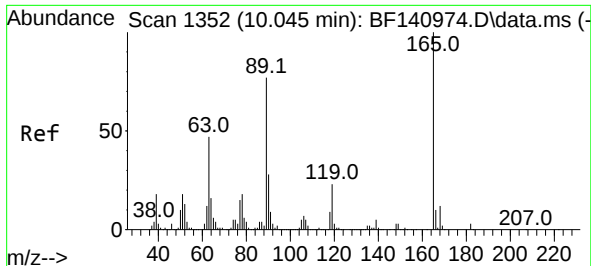
Tgt Ion:168 Resp: 2085466
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 122.086 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:139 Resp: 685140
Ion Ratio Lower Upper
139 100
109 69.7 50.8 90.8
65 97.6 78.5 118.5

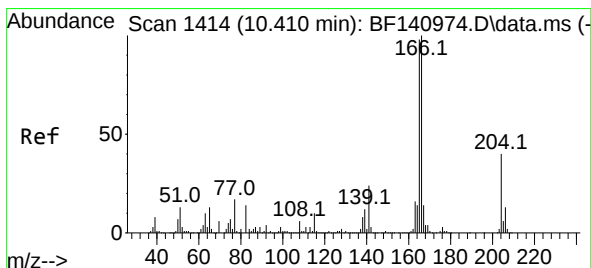
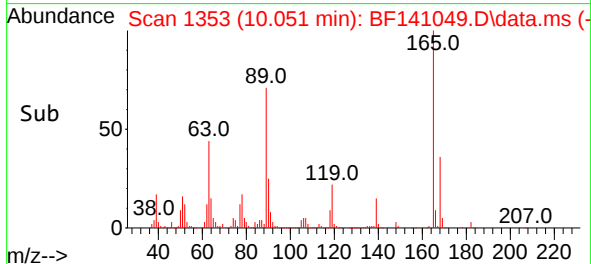
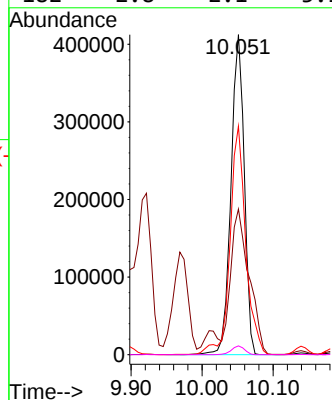
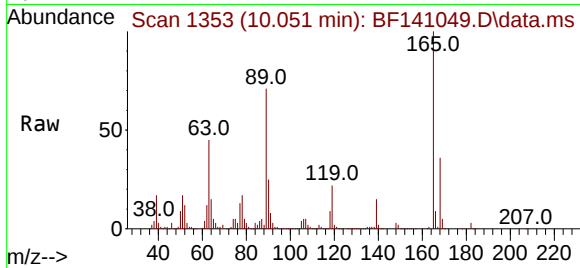




#57
2,4-Dinitrotoluene
Concen: 63.805 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

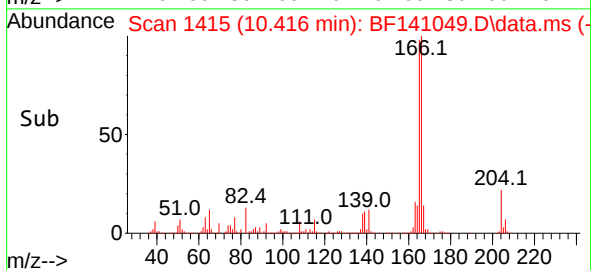
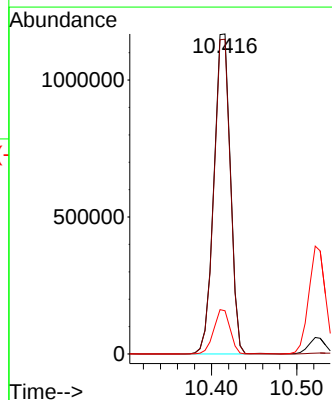
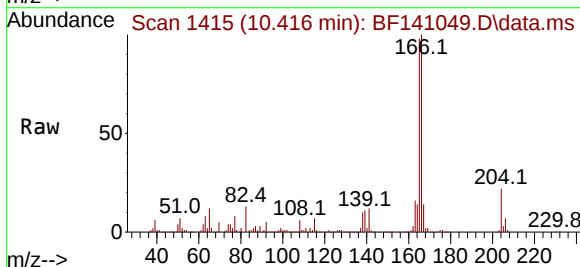
Instrument :
BNA_F
ClientSampleId :
PB165900BS

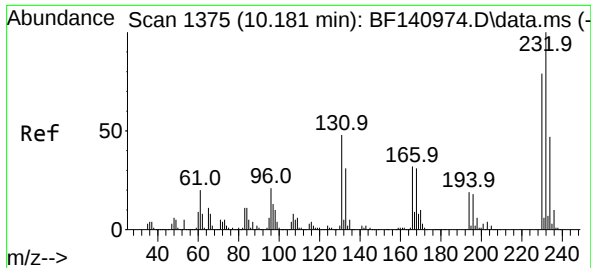
Tgt Ion:165 Resp: 535775
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 71.4 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.972 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:166 Resp: 1569788
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.5 10.9 16.3

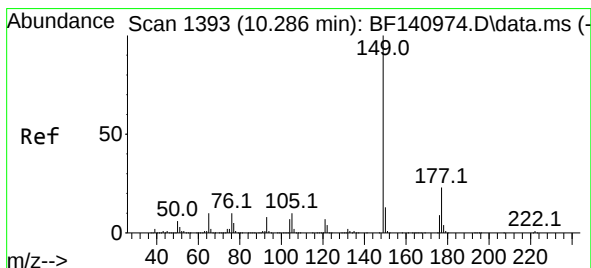
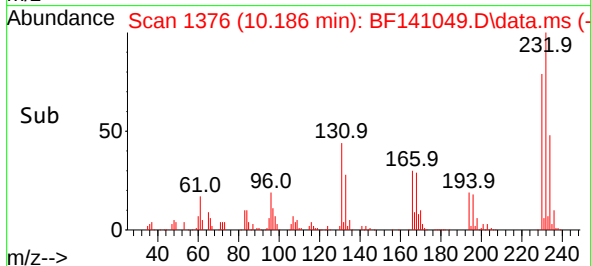
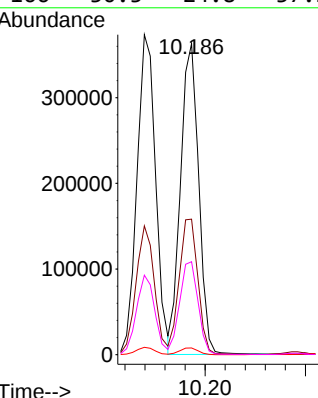
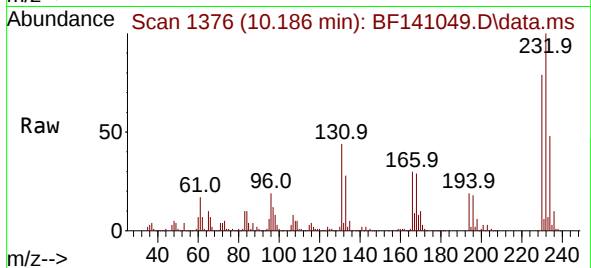




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.933 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

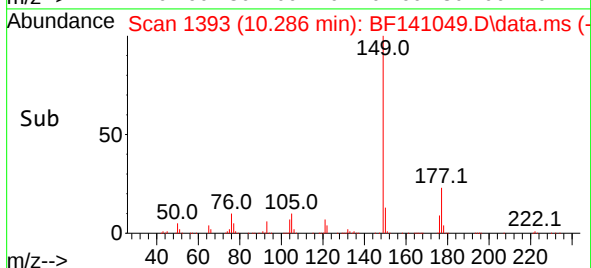
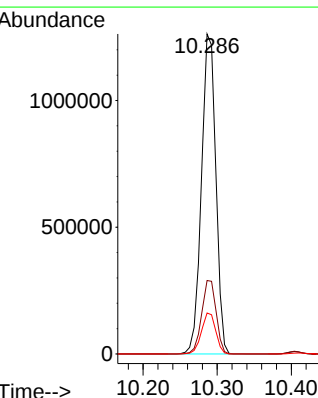
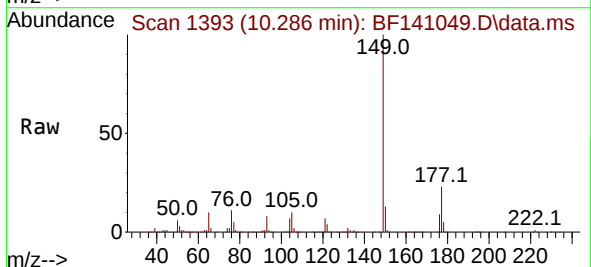
Instrument :
BNA_F
ClientSampleId :
PB165900BS

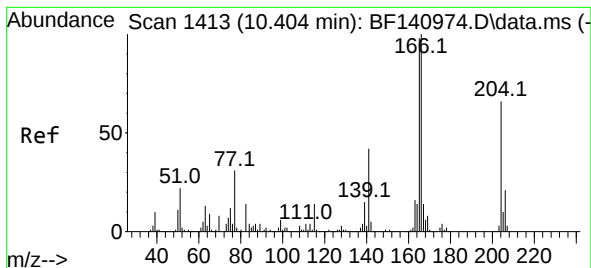
Tgt Ion:232 Resp: 456078
Ion Ratio Lower Upper
232 100
131 44.9 37.4 56.2
130 2.2 1.8 2.8
166 30.3 24.8 37.2



#60
Diethylphthalate
Concen: 52.421 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:149 Resp: 1697829
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 10.4 15.6

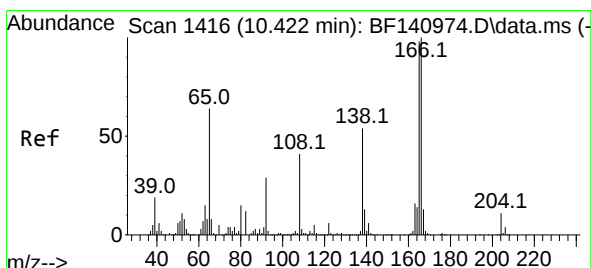
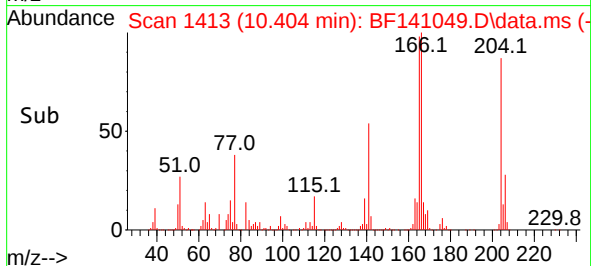
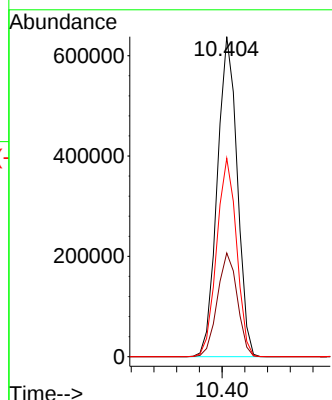
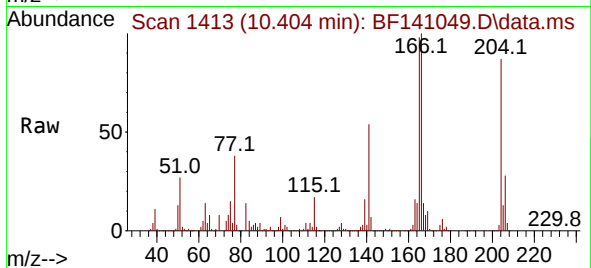




#61
4-Chlorophenyl-phenylether
Concen: 51.548 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

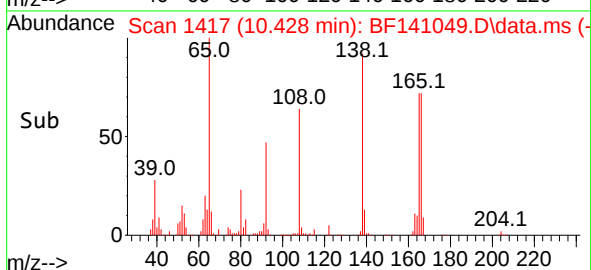
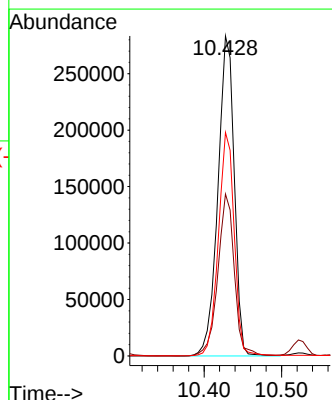
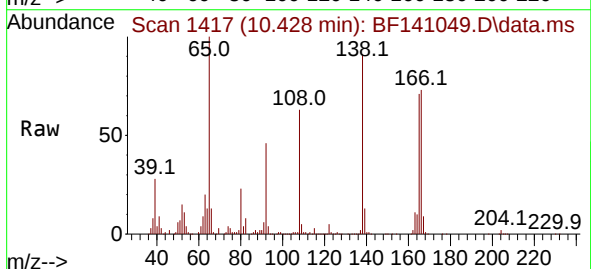
Instrument :
BNA_F
ClientSampleId :
PB165900BS

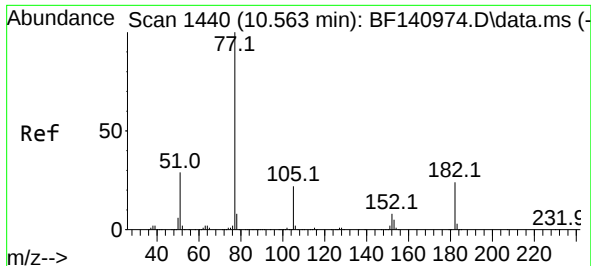
Tgt Ion:204 Resp: 779165
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 62.0 51.2 76.8



#62
4-Nitroaniline
Concen: 56.588 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:138 Resp: 416013
Ion Ratio Lower Upper
138 100
92 50.6 34.8 74.8
108 69.8 55.9 95.9

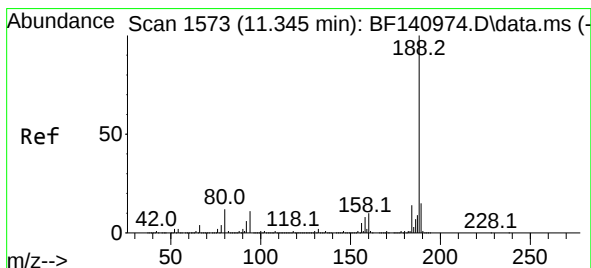
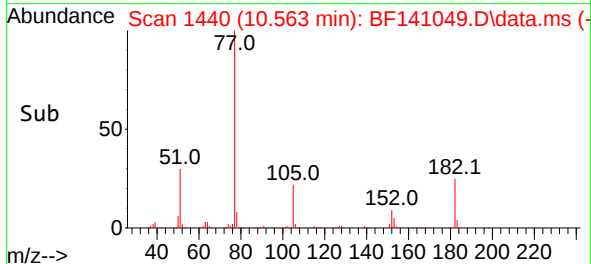
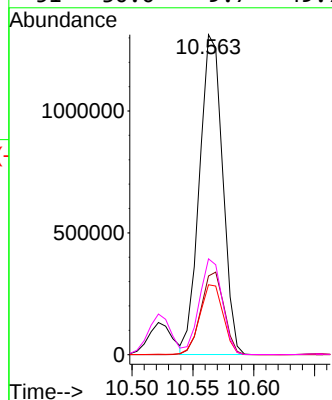
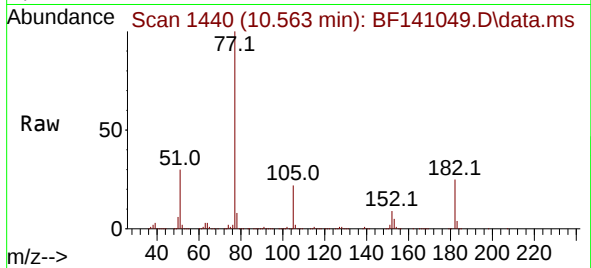




#63
Azobenzene
Concen: 50.893 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

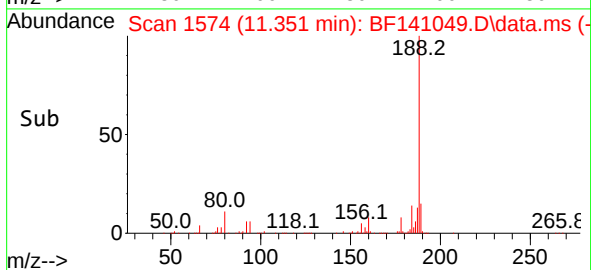
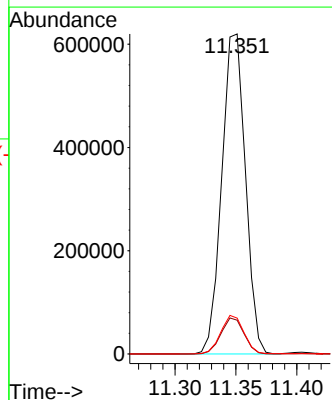
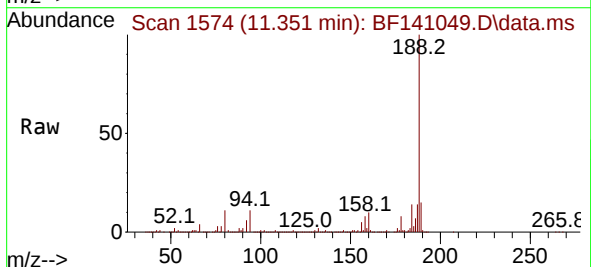
Instrument :
BNA_F
ClientSampleId :
PB165900BS

Tgt Ion: 77 Resp: 1730135
Ion Ratio Lower Upper
77 100
182 24.6 4.1 44.1
105 21.8 1.8 41.8
51 30.0 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:188 Resp: 838285
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 11.2 9.8 14.6

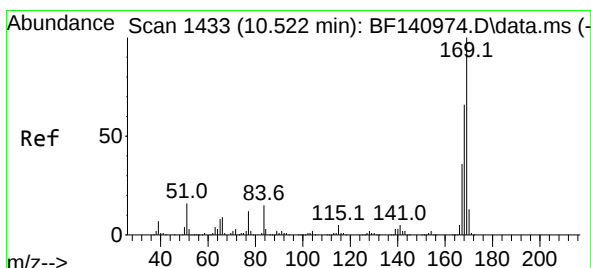
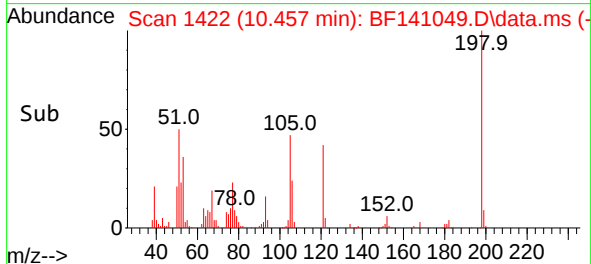
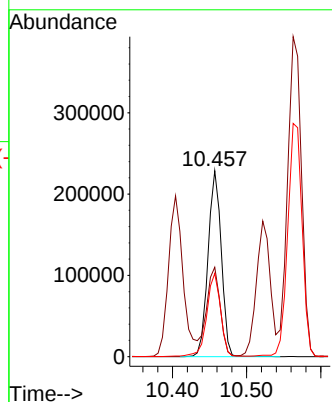
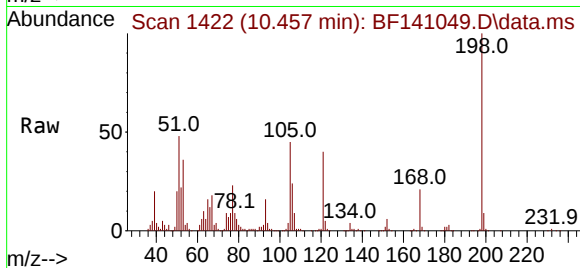




#65
4,6-Dinitro-2-methylphenol
Concen: 77.906 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

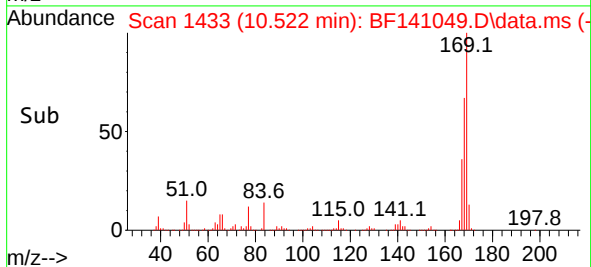
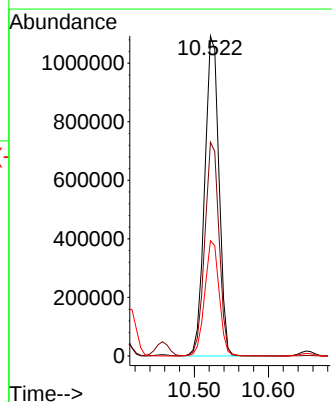
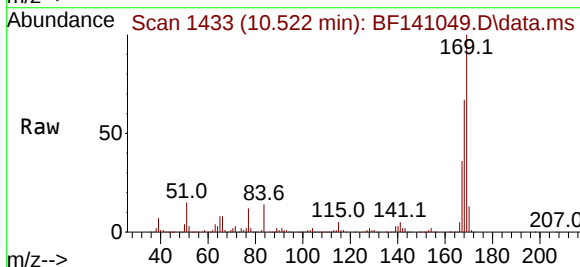
Instrument :
BNA_F
ClientSampleId :
PB165900BS

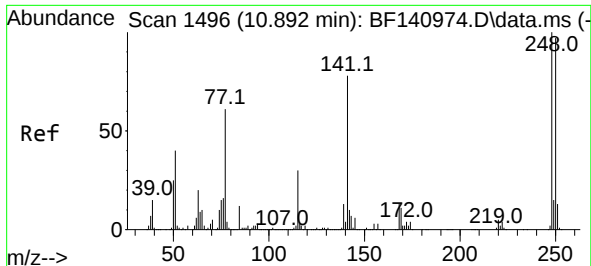
Tgt Ion:198 Resp: 284545
Ion Ratio Lower Upper
198 100
51 48.1 32.3 72.3
105 44.7 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 55.230 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:169 Resp: 1457922
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.0 29.0 43.4

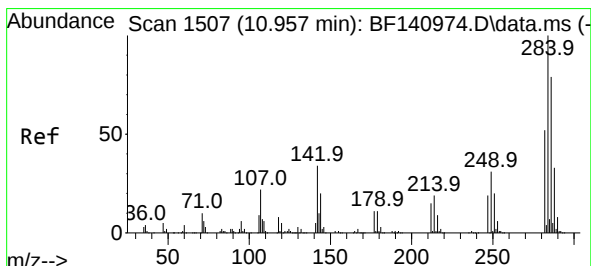
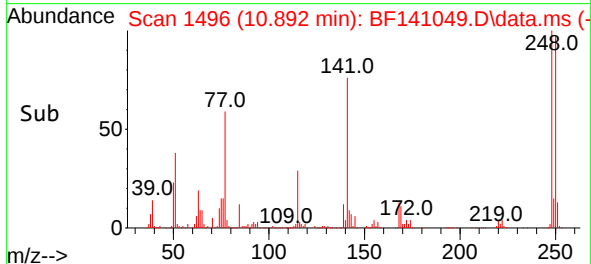
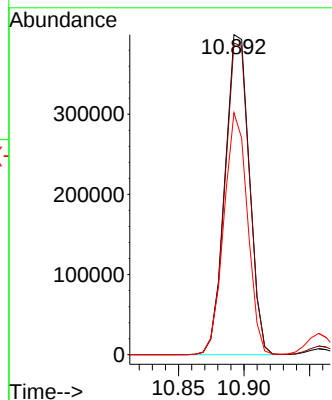
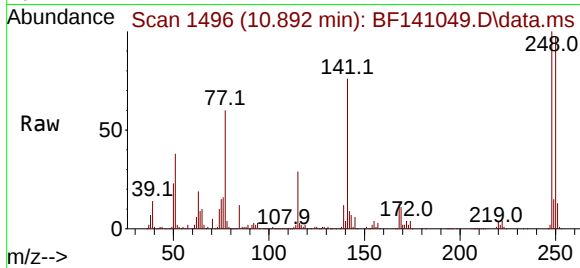




#67
4-Bromophenyl-phenylether
Concen: 57.089 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

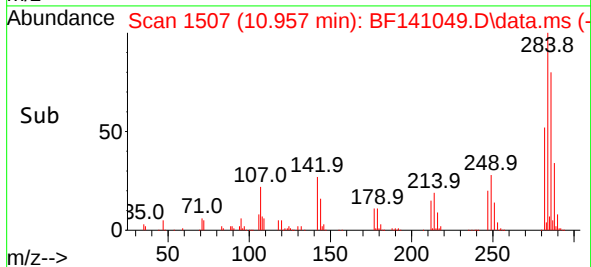
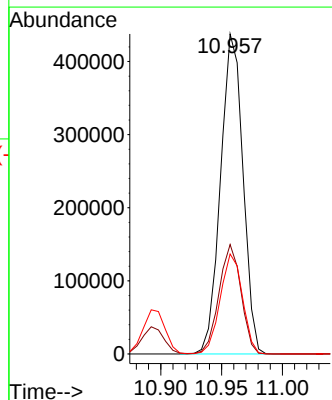
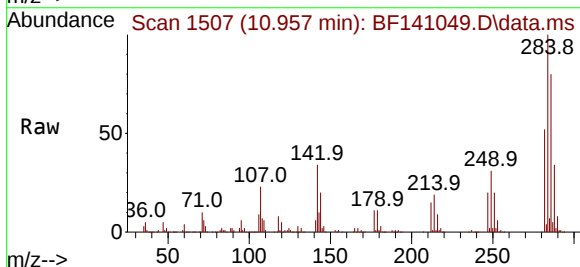
Instrument :
BNA_F
ClientSampleId :
PB165900BS

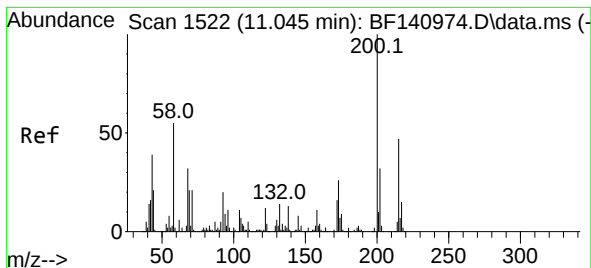
Tgt Ion:248 Resp: 517342
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 75.6 62.1 93.1



#68
Hexachlorobenzene
Concen: 56.166 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:284 Resp: 561231
Ion Ratio Lower Upper
284 100
142 34.2 27.1 40.7
249 31.3 25.1 37.7





#69

Atrazine

Concen: 68.547 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

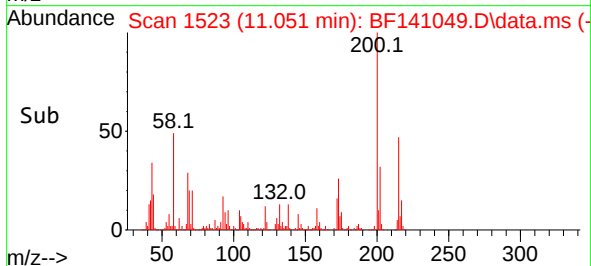
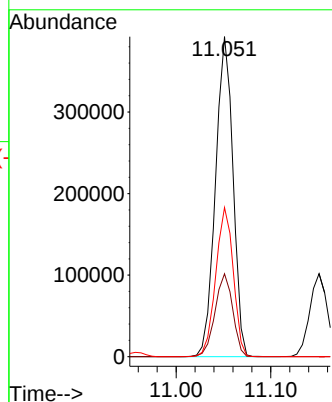
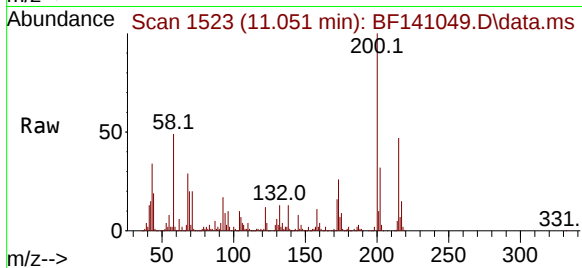
Tgt Ion:200 Resp: 505508

Ion Ratio Lower Upper

200 100

173 25.9 6.4 46.4

215 46.6 27.2 67.2



#70

Pentachlorophenol

Concen: 114.123 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

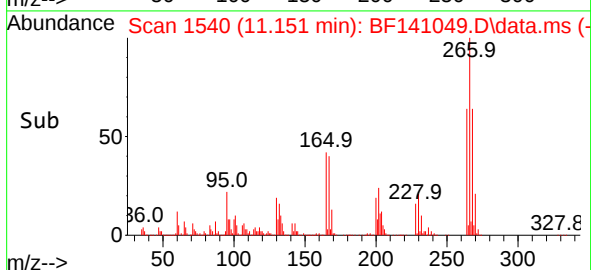
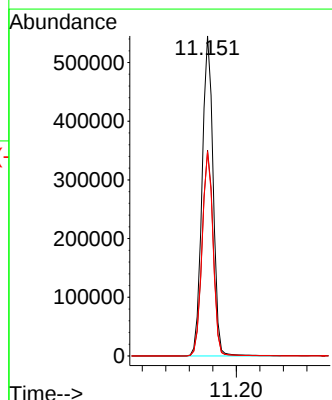
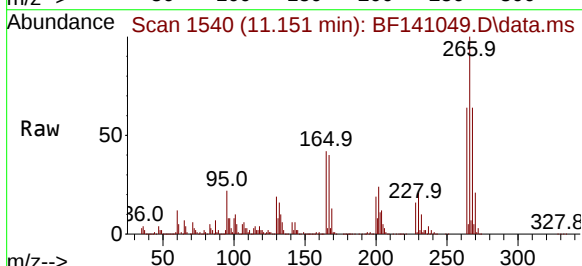
Tgt Ion:266 Resp: 709987

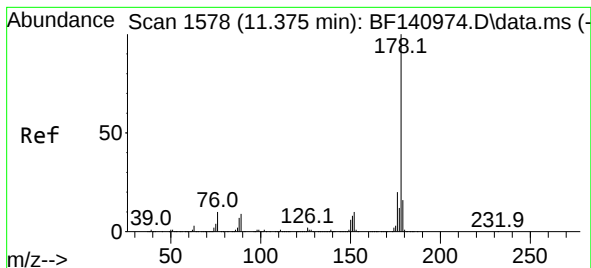
Ion Ratio Lower Upper

266 100

268 64.3 50.5 75.7

264 63.8 50.2 75.4





#71

Phenanthrene

Concen: 54.306 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

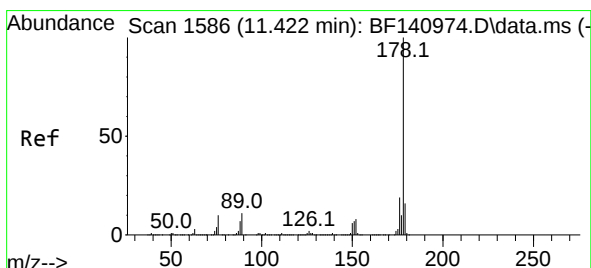
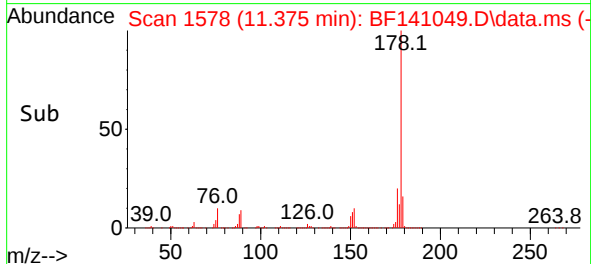
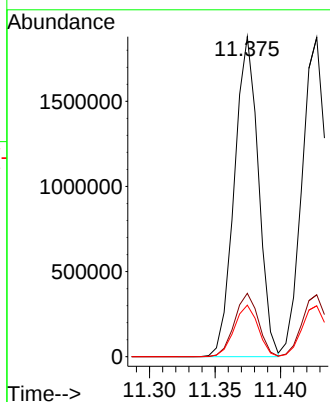
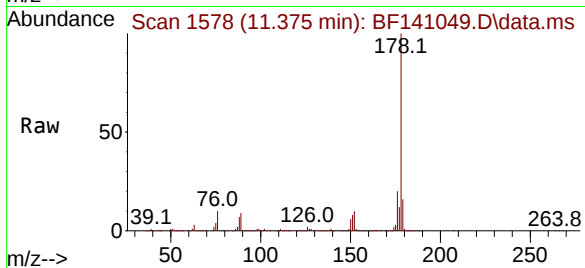
Tgt Ion:178 Resp: 2395963

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 16.1 12.6 19.0



#72

Anthracene

Concen: 56.039 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

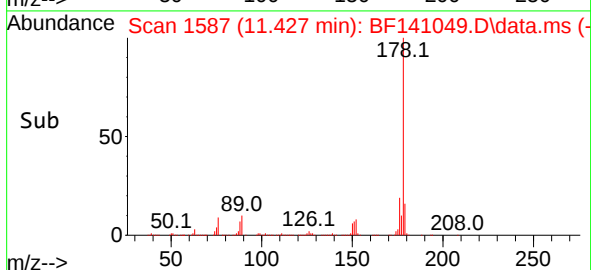
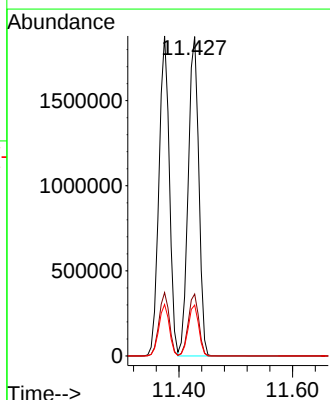
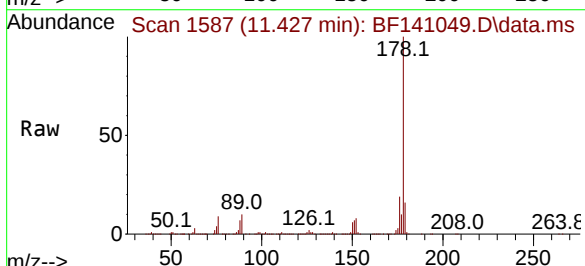
Tgt Ion:178 Resp: 2422669

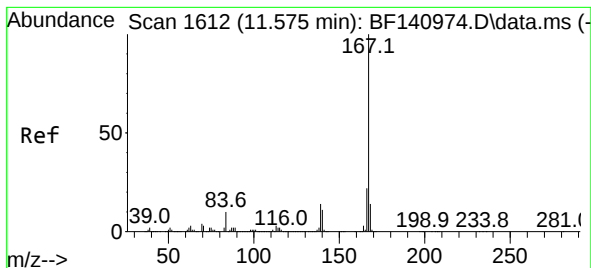
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.0 12.9 19.3





#73

Carbazole

Concen: 51.871 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

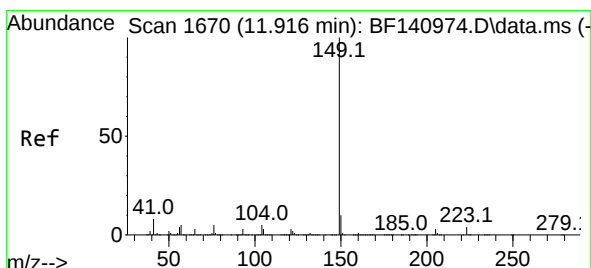
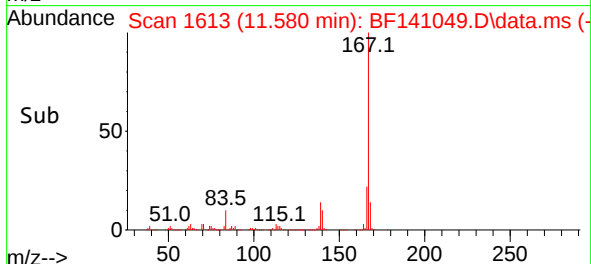
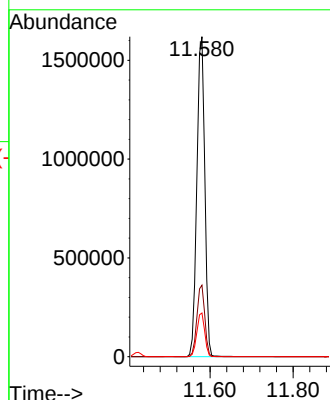
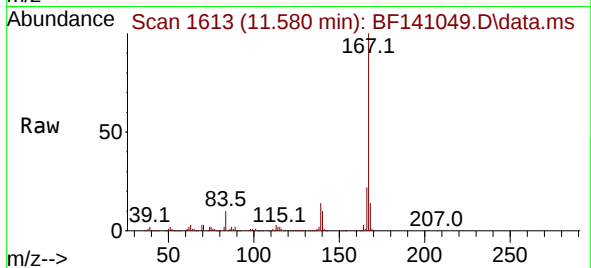
Tgt Ion:167 Resp: 2155738

Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 13.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 53.002 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

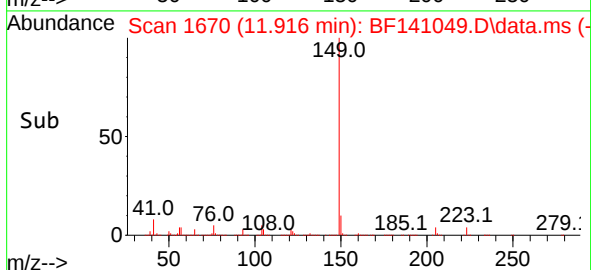
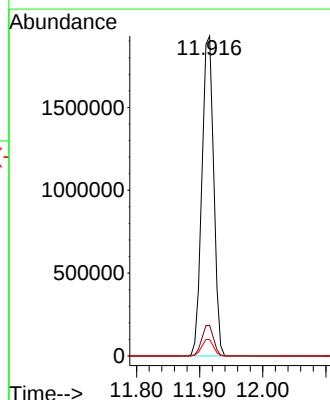
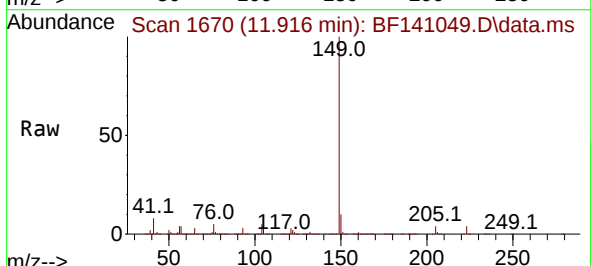
Tgt Ion:149 Resp: 2505411

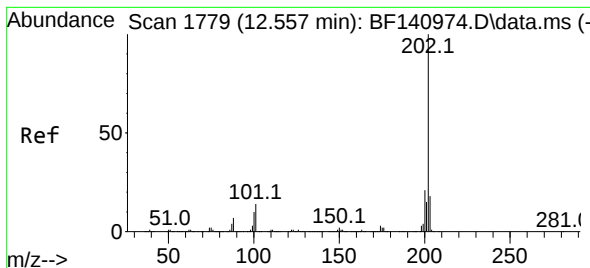
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 50.216 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

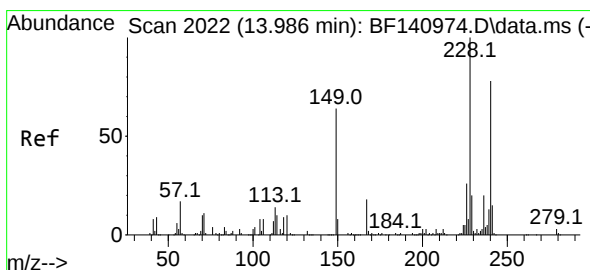
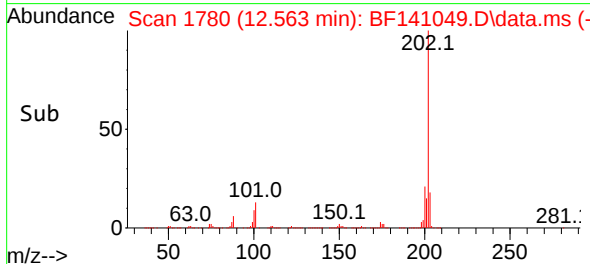
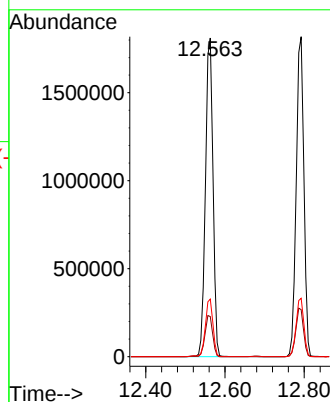
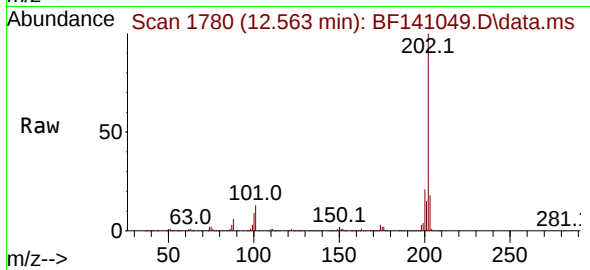
Tgt Ion:202 Resp: 2402863

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.7

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

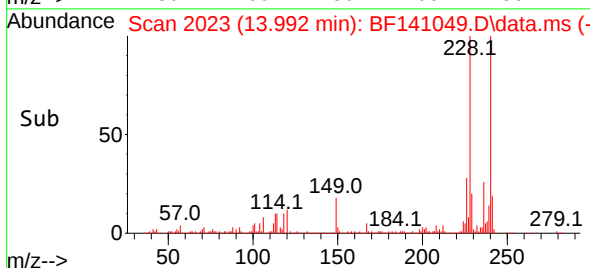
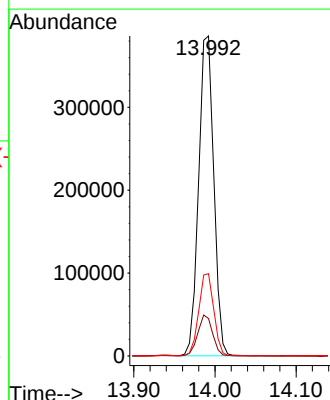
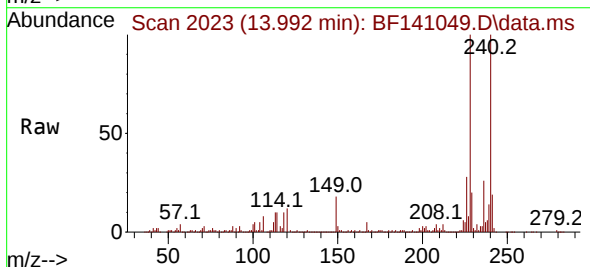
Tgt Ion:240 Resp: 501587

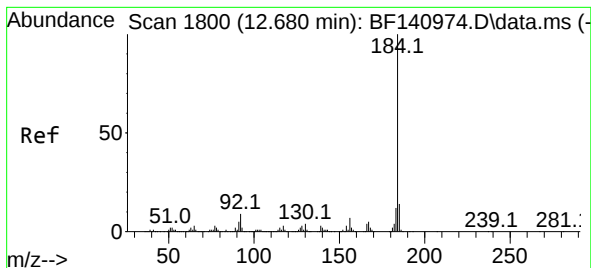
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.7 20.6 31.0





#77

Benzidine

Concen: 63.716 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

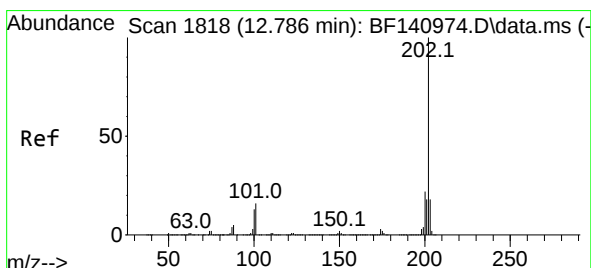
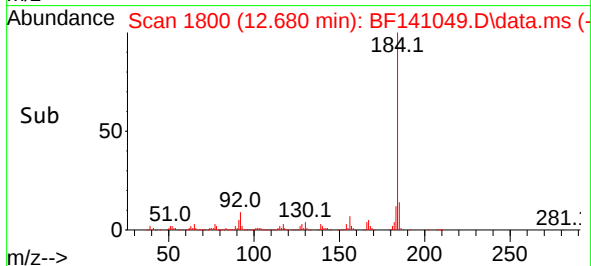
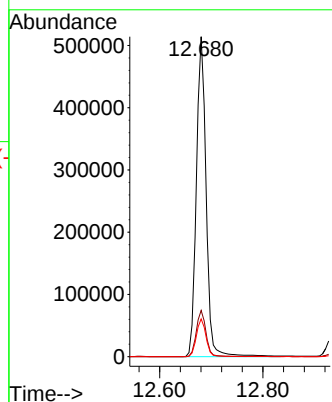
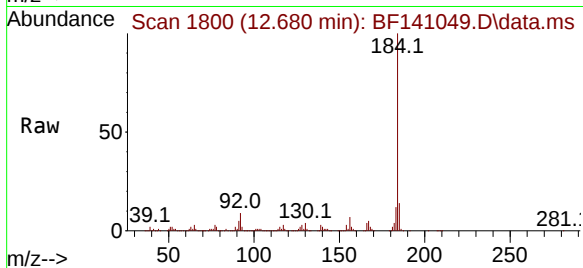
Tgt Ion:184 Resp: 675427

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 55.595 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

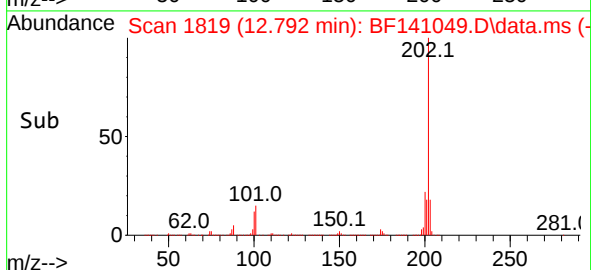
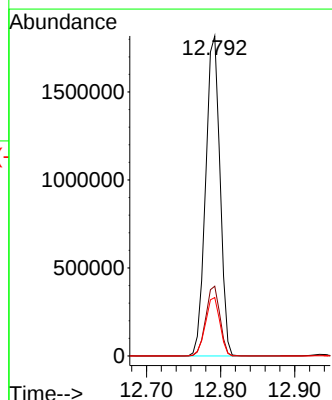
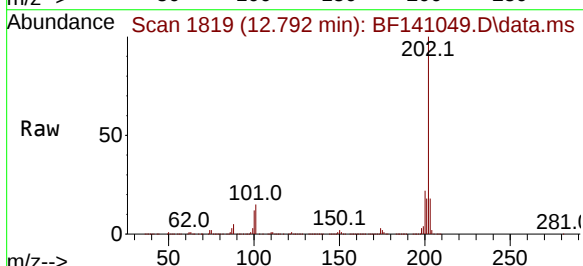
Tgt Ion:202 Resp: 2438847

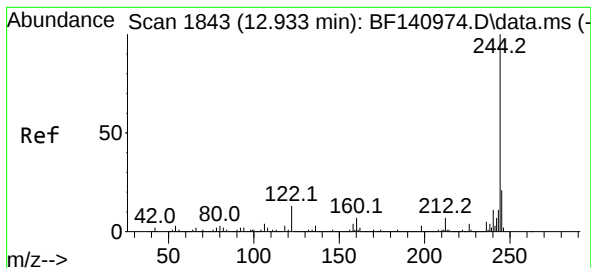
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 111.296 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

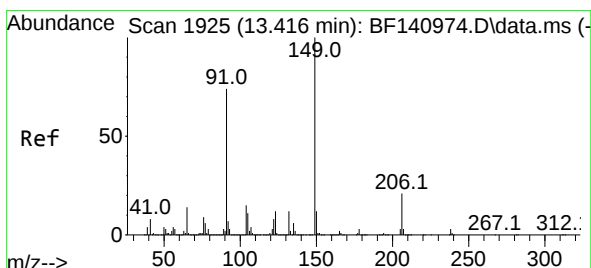
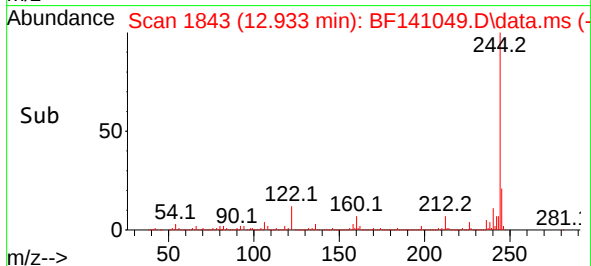
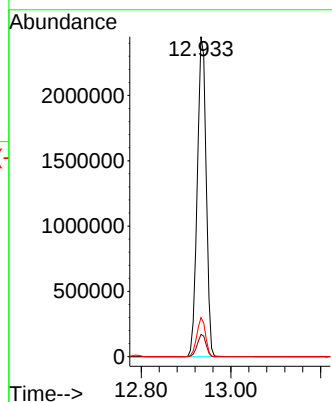
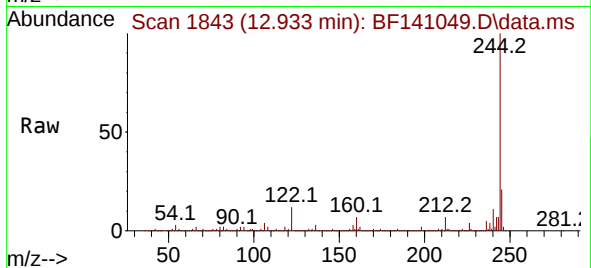
Tgt Ion:244 Resp: 3360916

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.2 10.2 15.2



#80

Butylbenzylphthalate

Concen: 57.311 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

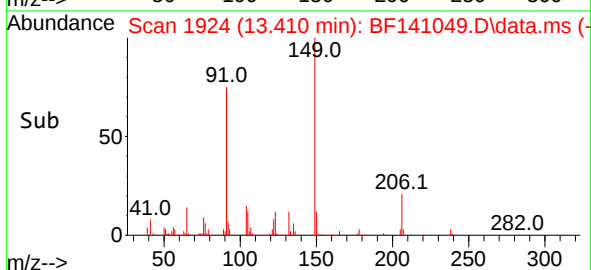
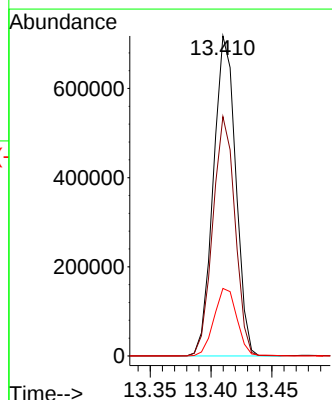
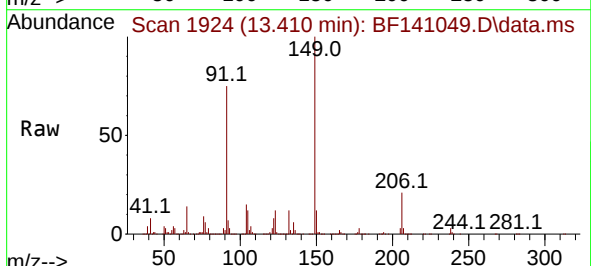
Tgt Ion:149 Resp: 918033

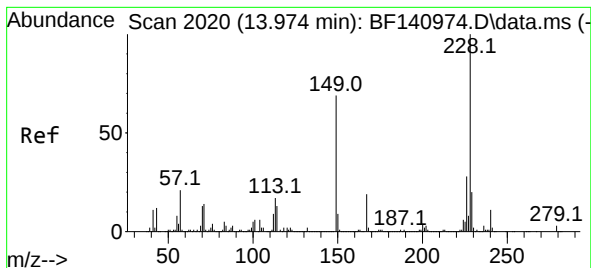
Ion Ratio Lower Upper

149 100

91 74.8 59.5 89.3

206 21.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 51.885 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

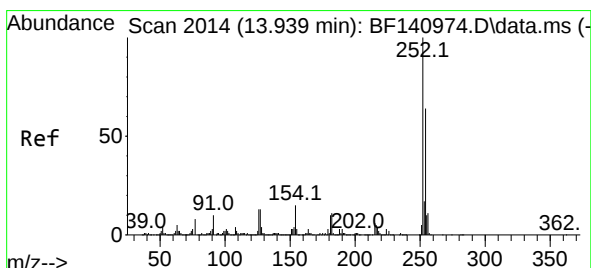
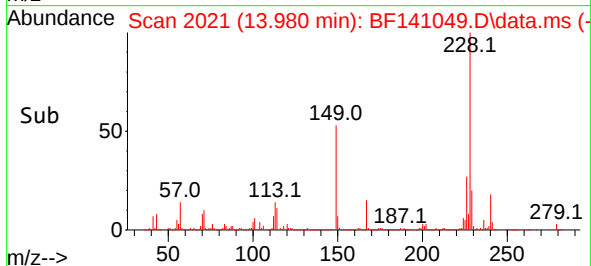
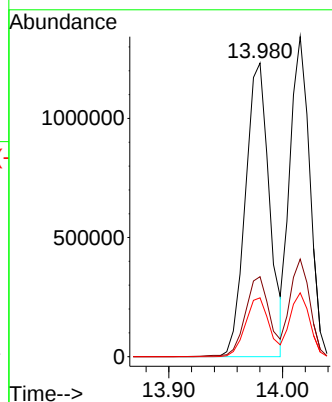
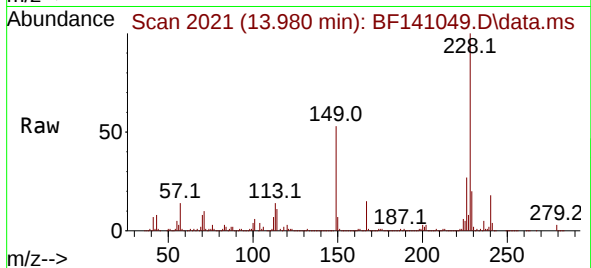
Tgt Ion:228 Resp: 1813766

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.302 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

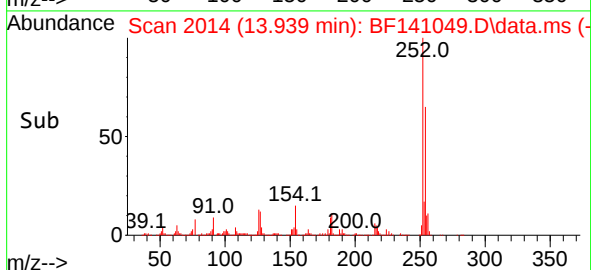
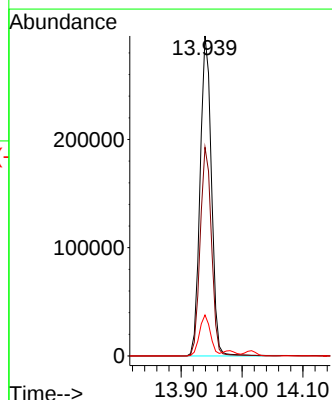
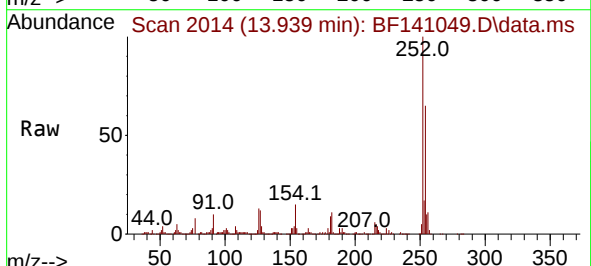
Tgt Ion:252 Resp: 381275

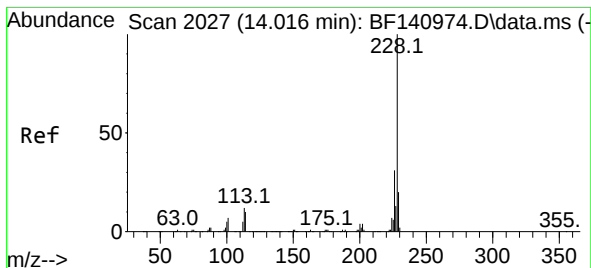
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 12.8 10.3 15.5





#83

Chrysene

Concen: 51.735 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

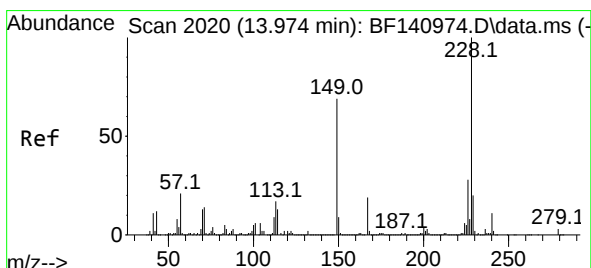
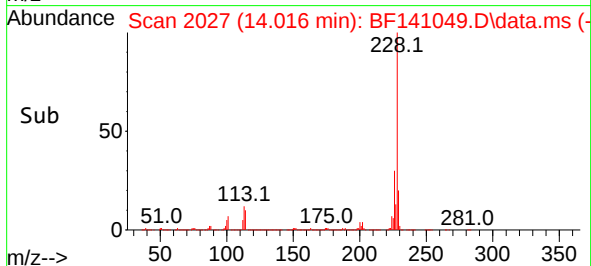
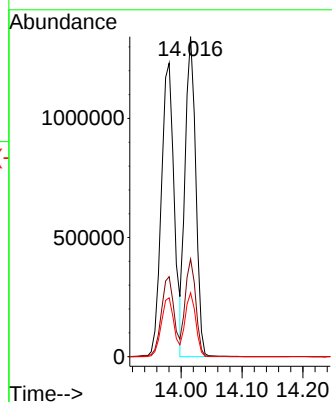
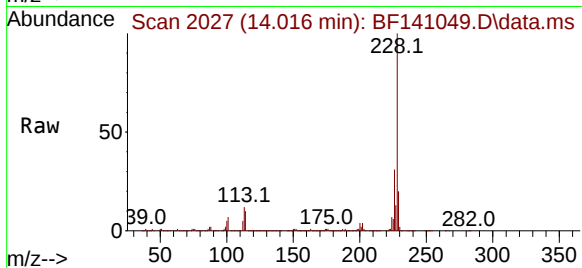
Tgt Ion:228 Resp: 1630326

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.891 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

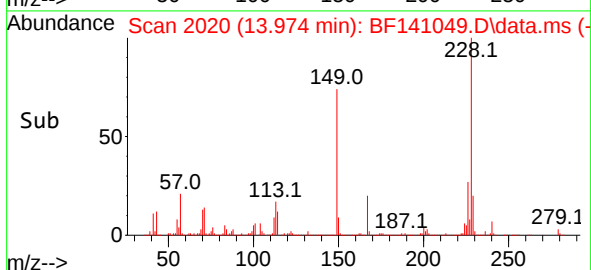
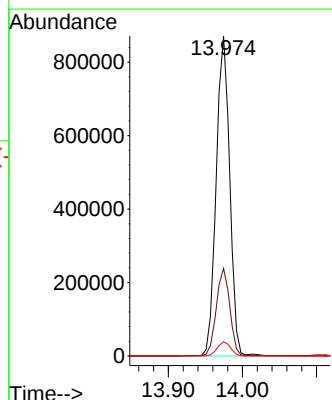
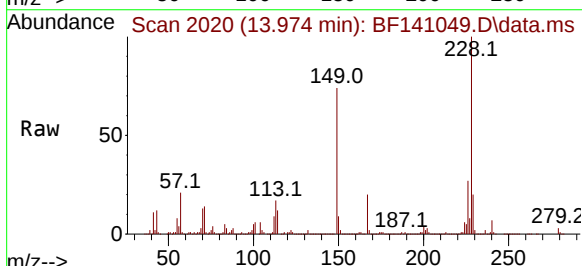
Tgt Ion:149 Resp: 1098980

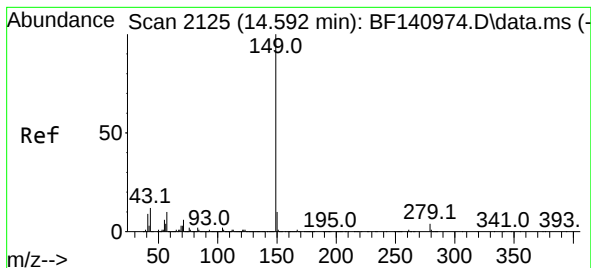
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.379 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

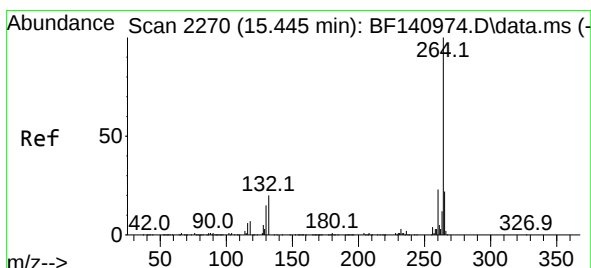
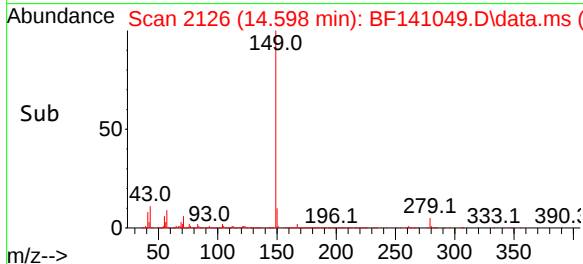
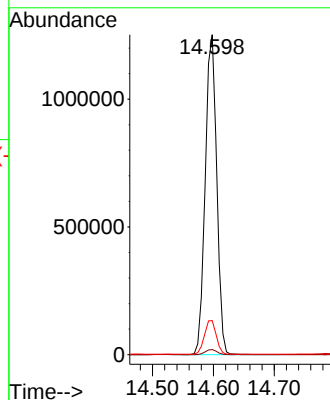
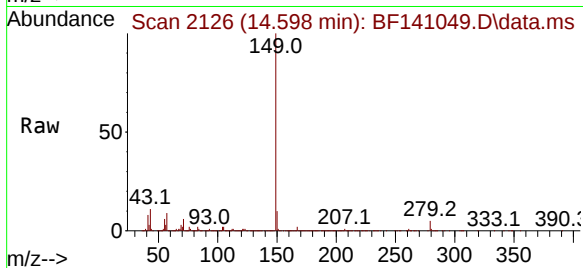
Tgt Ion:149 Resp: 1635355

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

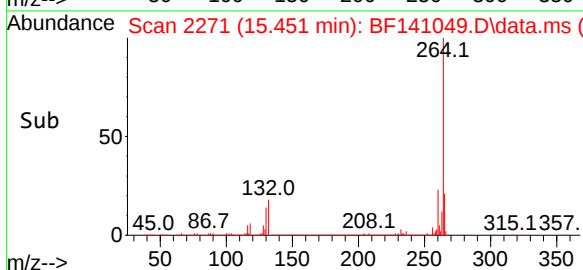
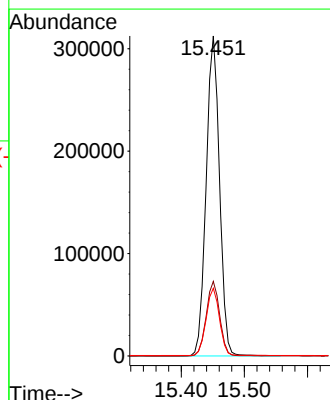
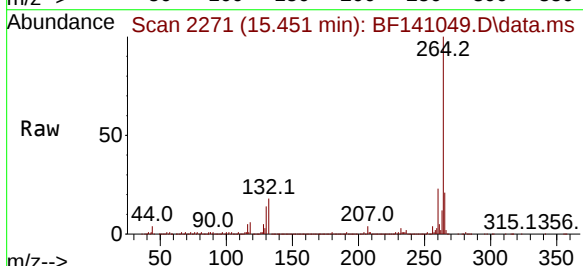
Tgt Ion:264 Resp: 459268

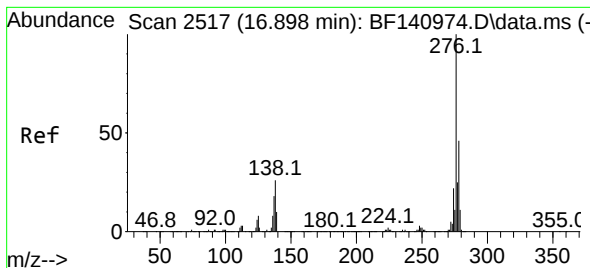
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 67.871 ng

RT: 16.915 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

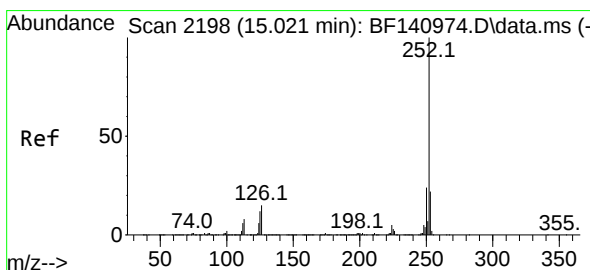
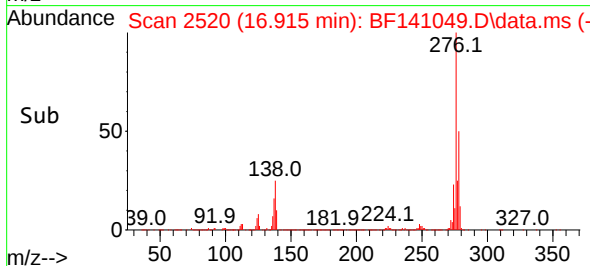
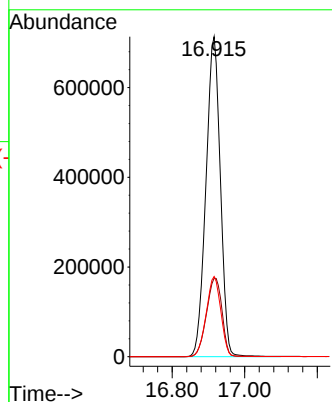
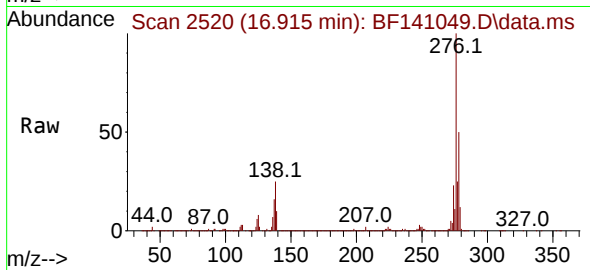
Tgt Ion:276 Resp: 1963841

Ion Ratio Lower Upper

276 100

138 26.4 23.1 34.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.013 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

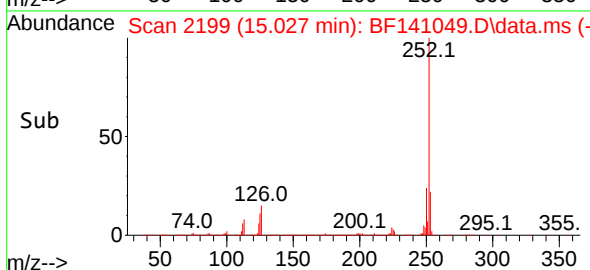
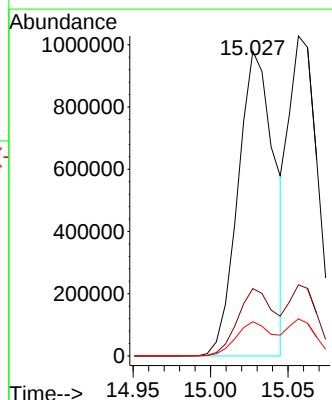
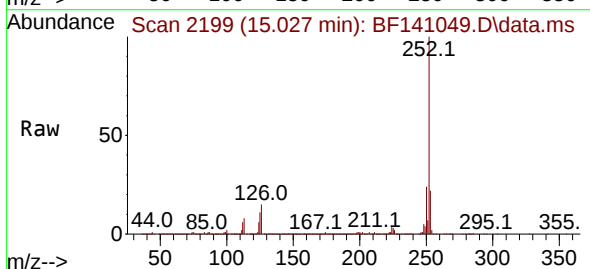
Tgt Ion:252 Resp: 1601992

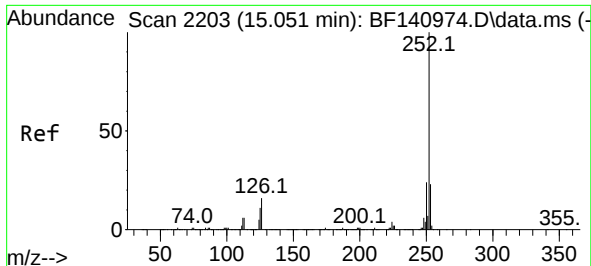
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.3 9.3 13.9

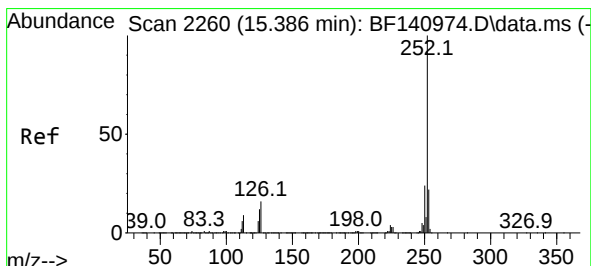
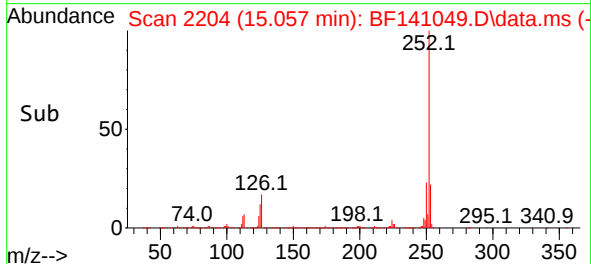
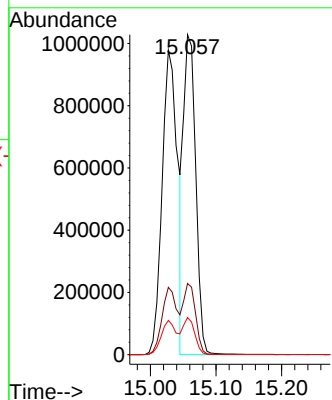
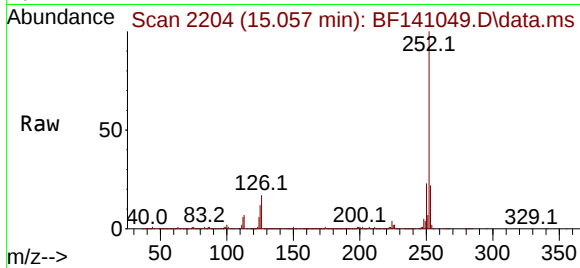




#89
Benzo(k)fluoranthene
Concen: 52.976 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

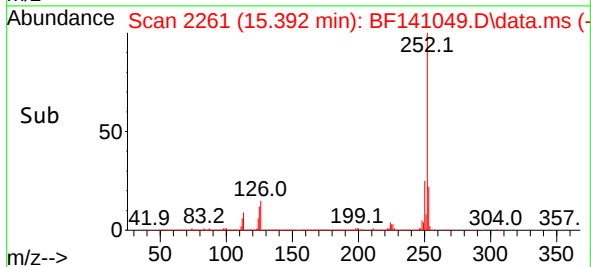
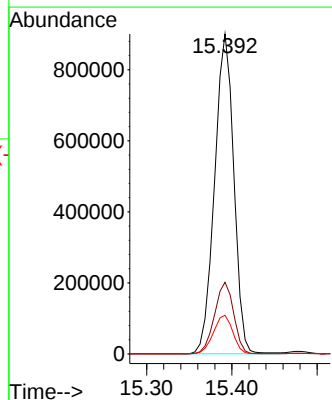
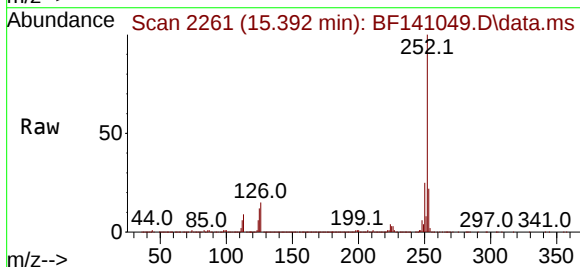
Instrument :
BNA_F
ClientSampleId :
PB165900BS

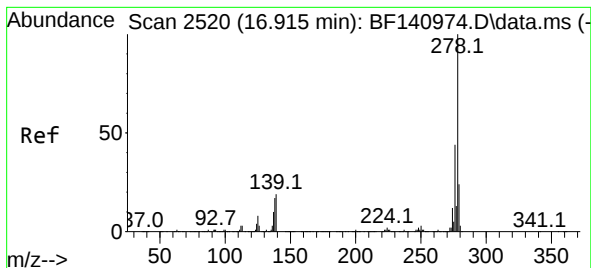
Tgt Ion:252 Resp: 1329952
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.6 9.4 14.0



#90
Benzo(a)pyrene
Concen: 56.680 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF141049.D
Acq: 31 Dec 2024 10:44

Tgt Ion:252 Resp: 1409184
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 67.276 ng

RT: 16.933 min Scan# 2520

Delta R.T. 0.018 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB165900BS

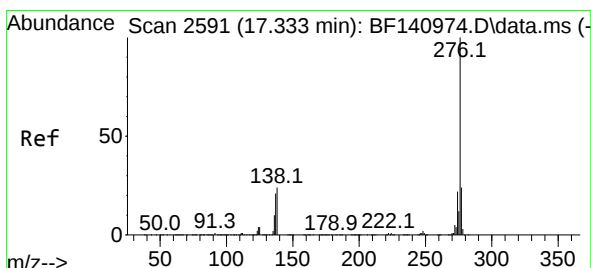
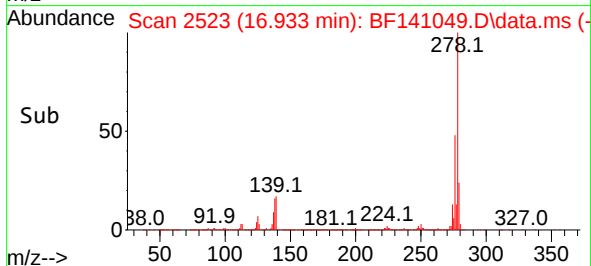
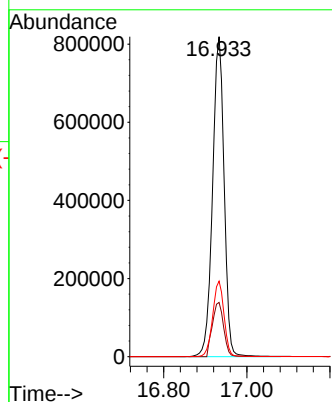
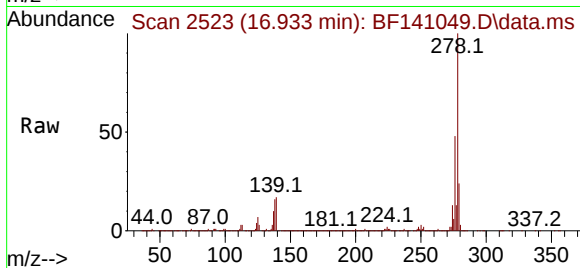
Tgt Ion:278 Resp: 1577960

Ion Ratio Lower Upper

278 100

139 16.9 14.9 22.3

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 62.335 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF141049.D

Acq: 31 Dec 2024 10:44

Tgt Ion:276 Resp: 1516438

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.1 19.4 29.2

