

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141025.D
 Acq On : 30 Dec 2024 12:03
 Operator : RC/JU
 Sample : PB165875BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165875BSD

Quant Time: Dec 30 12:23:59 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	245980	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	976708	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	520630	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	841953	20.000	ng	0.00
76) Chrysene-d12	13.986	240	491451	20.000	ng	0.00
86) Perylene-d12	15.445	264	512529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2281185	139.792	ng	0.02
7) Phenol-d6	6.457	99	2894221	137.678	ng	0.00
23) Nitrobenzene-d5	7.392	82	1786584	117.028	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	835815	165.214	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3213512	98.340	ng	0.00
79) Terphenyl-d14	12.933	244	3220264	108.838	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	306676	41.511	ng	99
3) Pyridine	3.404	79	812414	44.997	ng	99
4) n-Nitrosodimethylamine	3.346	42	424528	46.407	ng	99
6) Aniline	6.492	93	771981	41.176	ng	99
8) 2-Chlorophenol	6.610	128	860073	49.991	ng	99
9) Benzaldehyde	6.375	77	172806	10.767	ng	98
10) Phenol	6.469	94	1063408	48.922	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	821851	46.826	ng	99
12) 1,3-Dichlorobenzene	6.769	146	883921	46.553	ng	99
13) 1,4-Dichlorobenzene	6.845	146	898996	46.968	ng	100
14) 1,2-Dichlorobenzene	6.998	146	859807	48.179	ng	98
15) Benzyl Alcohol	6.969	79	747949	49.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1294276	48.762	ng	100
17) 2-Methylphenol	7.075	107	693108	48.492	ng	99
18) Hexachloroethane	7.339	117	326182	47.972	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	612897	47.591	ng	99
20) 3+4-Methylphenols	7.228	107	853684	47.197	ng	93
22) Acetophenone	7.239	105	1134969	47.369	ng	99
24) Nitrobenzene	7.410	77	881208	51.658	ng	97
25) Isophorone	7.651	82	1634230	49.194	ng	100
26) 2-Nitrophenol	7.728	139	402118	56.470	ng	98
27) 2,4-Dimethylphenol	7.763	122	699767	57.637	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	997601	47.397	ng	99
29) 2,4-Dichlorophenol	7.963	162	691115	50.191	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	727587	46.685	ng	99
31) Naphthalene	8.133	128	2425900	47.135	ng	100
32) Benzoic acid	7.869	122	531525	52.365	ng	97
33) 4-Chloroaniline	8.175	127	319571	17.164	ng	99
34) Hexachlorobutadiene	8.251	225	433879	47.223	ng	100
35) Caprolactam	8.539	113	144174	30.799	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	737086	48.201	ng	100
37) 2-Methylnaphthalene	8.822	142	1594638	48.432	ng	99
38) 1-Methylnaphthalene	8.922	142	1483212	45.837	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	696335	48.616	ng	99
41) Hexachlorocyclopentadiene	8.975	237	852123	179.525	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	505666	53.045	ng	99

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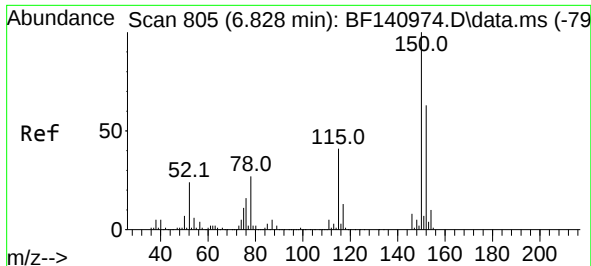
Quant Time: Dec 30 12:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	488846	50.118	ng	99
46) 1,1'-Biphenyl	9.286	154	1916595	48.078	ng	100
47) 2-Chloronaphthalene	9.310	162	1459368	47.202	ng	99
48) 2-Nitroaniline	9.404	65	446291	54.483	ng	94
49) Acenaphthylene	9.727	152	2232189	50.153	ng	100
50) Dimethylphthalate	9.586	163	1689206	49.327	ng	100
51) 2,6-Dinitrotoluene	9.645	165	362123	51.558	ng	99
52) Acenaphthene	9.898	154	1595365	53.021	ng	100
53) 3-Nitroaniline	9.810	138	203684	28.259	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	320681	102.159	ng	# 1
55) Dibenzofuran	10.069	168	2065770	48.853	ng	99
56) 4-Nitrophenol	9.969	139	643229	109.805	ng	97
57) 2,4-Dinitrotoluene	10.051	165	481892	55.601	ng	97
58) Fluorene	10.410	166	1532689	46.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	428111	52.996	ng	98
60) Diethylphthalate	10.286	149	1632678	48.293	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	752092	47.667	ng	98
62) 4-Nitroaniline	10.427	138	369873	48.695	ng	93
63) Azobenzene	10.563	77	1678903	47.312	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	222460	62.712	ng	95
66) n-Nitrosodiphenylamine	10.522	169	1398314	52.741	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	493467	54.217	ng	95
68) Hexachlorobenzene	10.957	284	516688	51.483	ng	98
69) Atrazine	11.051	200	465299	62.820	ng	100
70) Pentachlorophenol	11.151	266	640384	102.486	ng	100
71) Phenanthrene	11.374	178	2260275	51.007	ng	100
72) Anthracene	11.427	178	2297599	52.914	ng	100
73) Carbazole	11.580	167	1983423	47.517	ng	100
74) Di-n-butylphthalate	11.916	149	2343513	49.361	ng	100
75) Fluoranthene	12.563	202	2199170	45.759	ng	99
77) Benzidine	12.680	184	441851	42.542	ng	99
78) Pyrene	12.792	202	2209854	51.414	ng	100
80) Butylbenzylphthalate	13.410	149	790570	50.372	ng	99
81) Benzo(a)anthracene	13.974	228	1663117	48.556	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	289131	28.096	ng	99
83) Chrysene	14.015	228	1450791	46.987	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	965993	47.450	ng	100
85) Di-n-octyl phthalate	14.592	149	1554089	52.743	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	1950592	60.408	ng	98
88) Benzo(b)fluoranthene	15.021	252	1605018	44.901	ng	100
89) Benzo(k)fluoranthene	15.051	252	1365386	48.735	ng	100
90) Benzo(a)pyrene	15.386	252	1466833	52.868	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1569991	59.981	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1499490	55.233	ng	99

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

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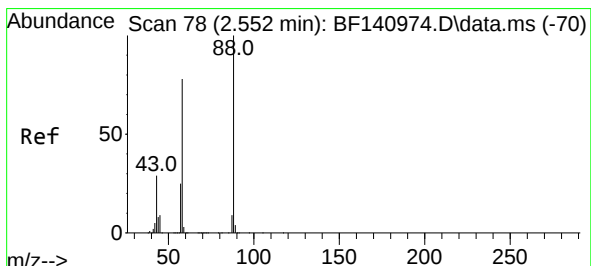
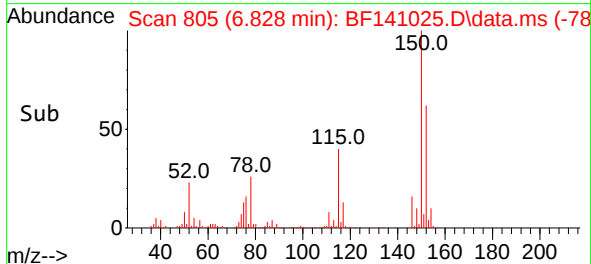
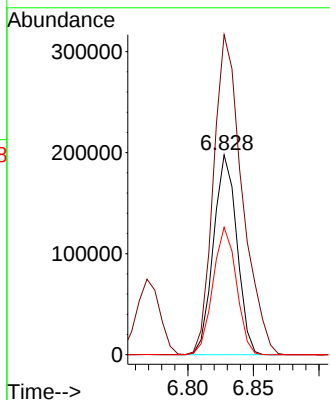
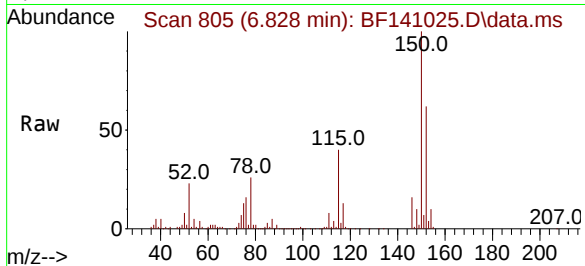




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141025.D
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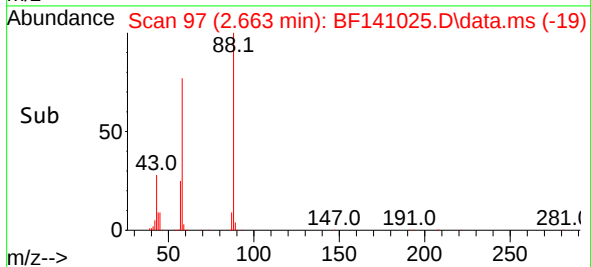
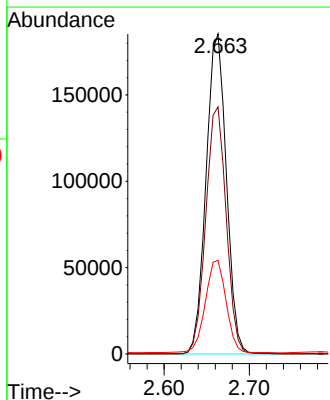
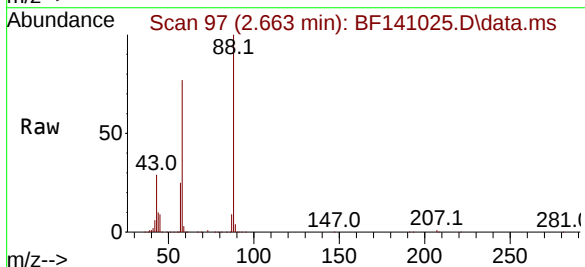
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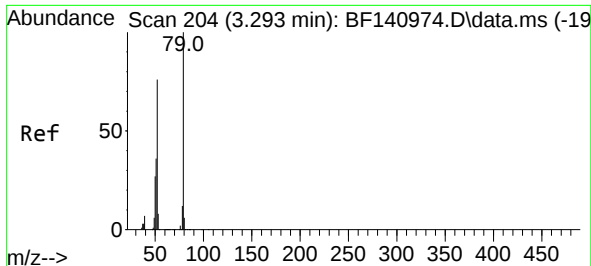
Tgt Ion:152 Resp: 245980
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.0 190.6
 115 63.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 41.511 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.112 min
 Lab File: BF141025.D
 Acq: 30 Dec 2024 12:03

Tgt Ion: 88 Resp: 306676
 Ion Ratio Lower Upper
 88 100
 58 77.4 63.0 94.4
 43 29.8 23.4 35.2

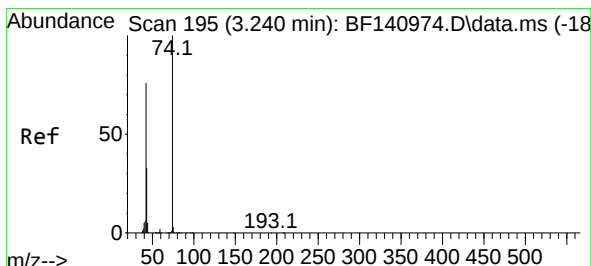
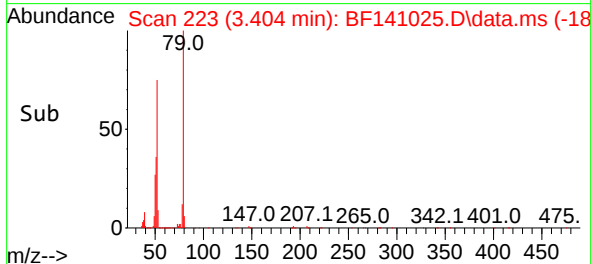
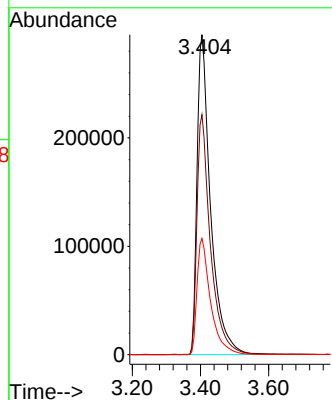
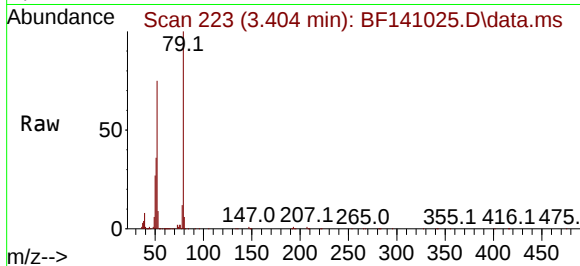




#3
Pyridine
Concen: 44.997 ng
RT: 3.404 min Scan# 213
Delta R.T. 0.112 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

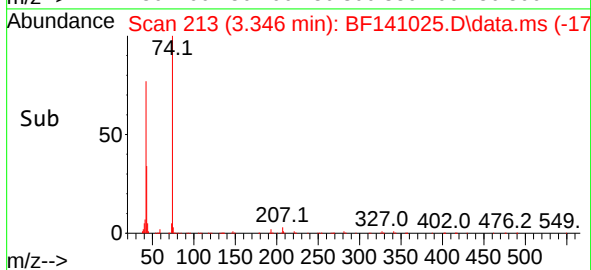
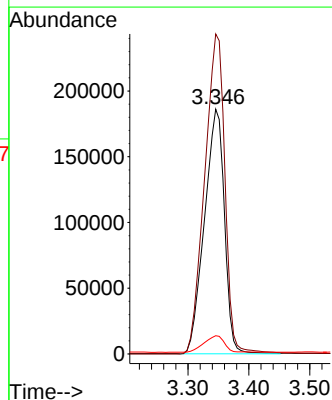
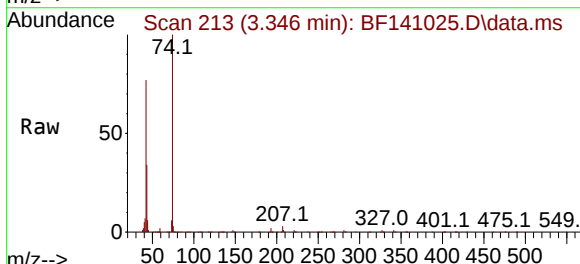
Instrument :
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ClientSampleId :
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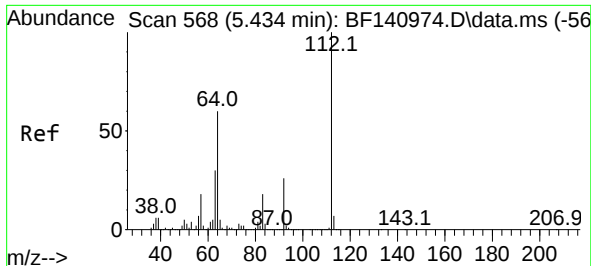
Tgt Ion: 79 Resp: 812414
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 36.3 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 46.407 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.106 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 42 Resp: 424528
Ion Ratio Lower Upper
42 100
74 130.7 105.8 158.6
44 7.5 6.6 10.0

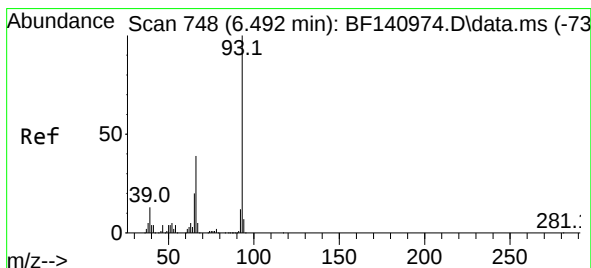
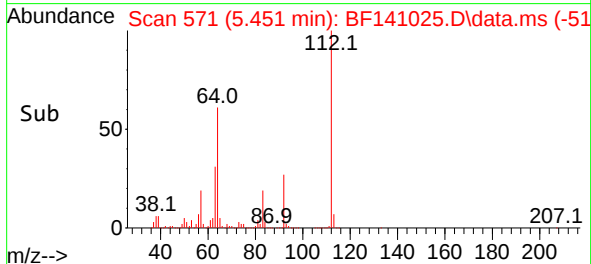
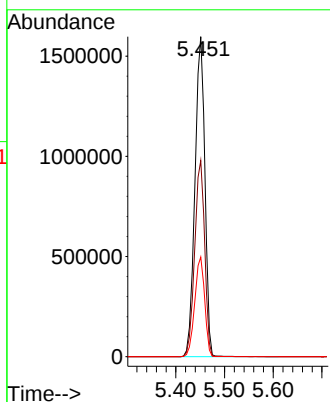
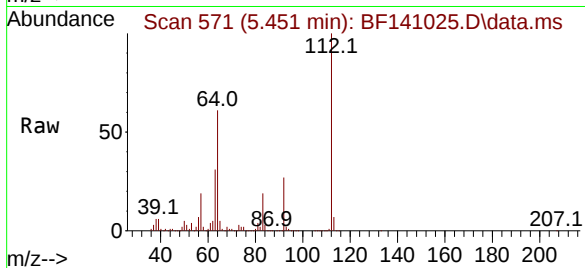




#5
2-Fluorophenol
Concen: 139.792 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

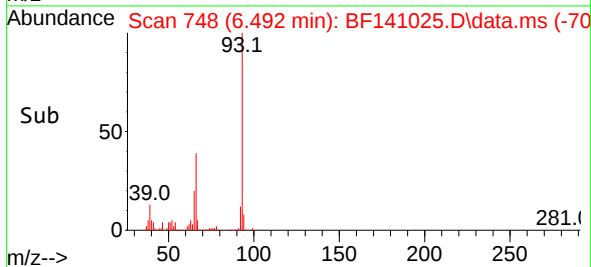
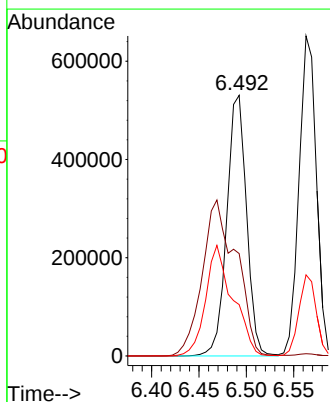
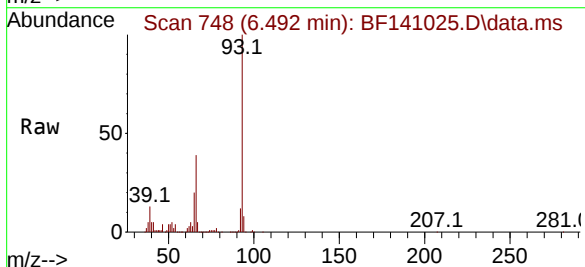
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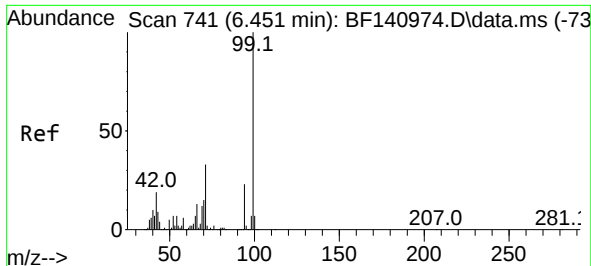
Tgt Ion:112 Resp: 2281185
Ion Ratio Lower Upper
112 100
64 61.3 47.7 71.5
63 31.1 24.2 36.2



#6
Aniline
Concen: 41.176 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 93 Resp: 771981
Ion Ratio Lower Upper
93 100
66 39.3 31.8 47.8
65 19.7 15.4 23.0

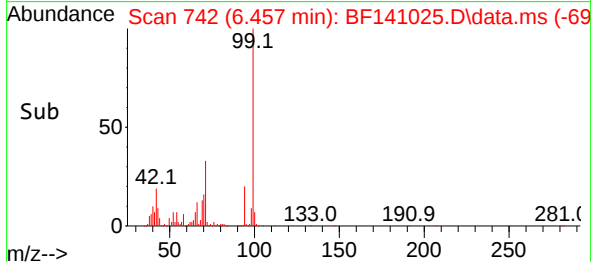
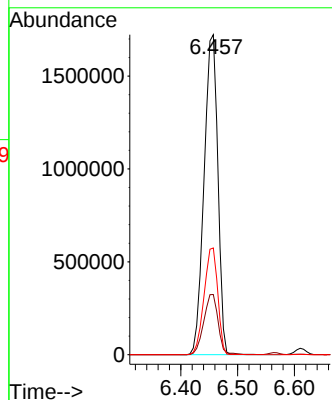
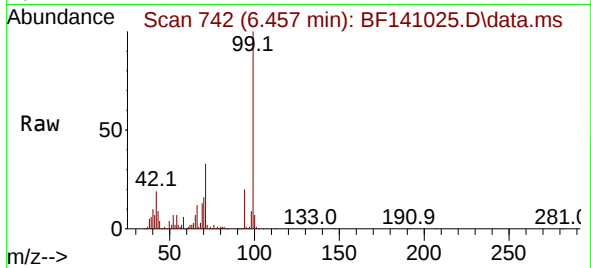




#7
Phenol-d6
Concen: 137.678 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

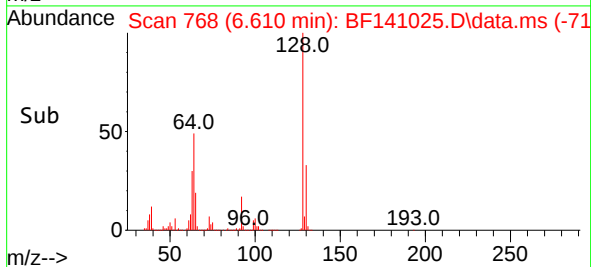
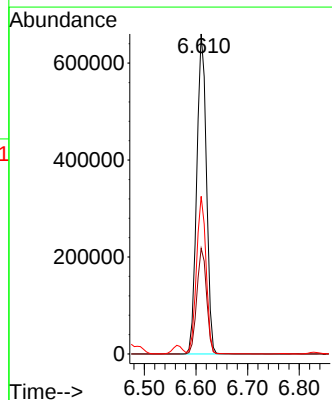
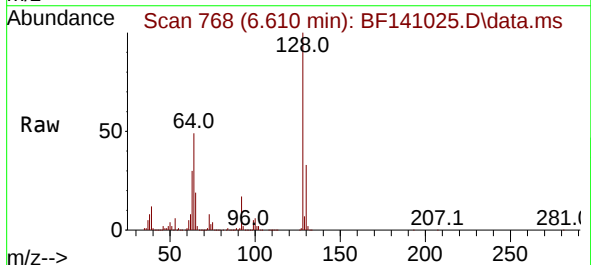
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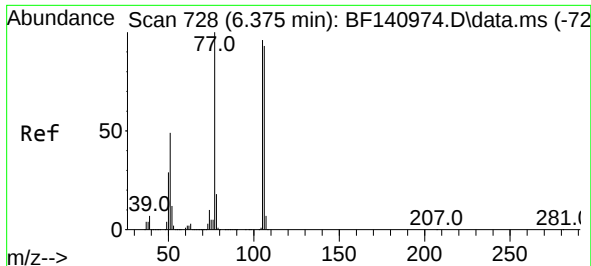
Tgt Ion: 99 Resp: 2894221
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 33.4 26.2 39.2



#8
2-Chlorophenol
Concen: 49.991 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 128 Resp: 860073
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 49.3 30.3 70.3

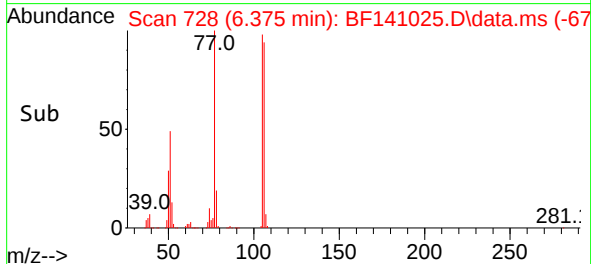
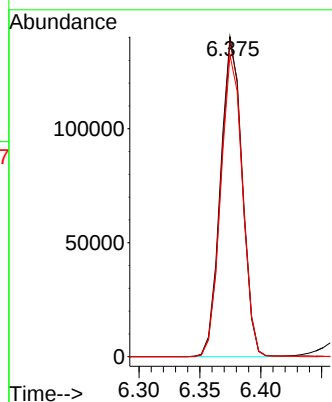
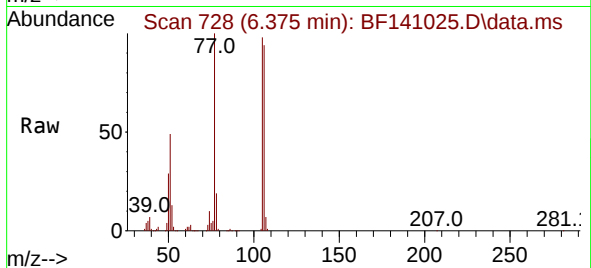




#9
Benzaldehyde
Concen: 10.767 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

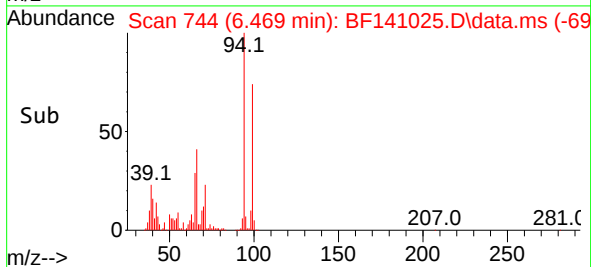
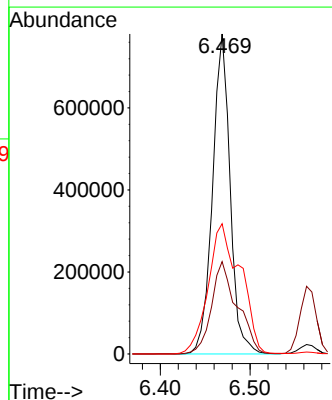
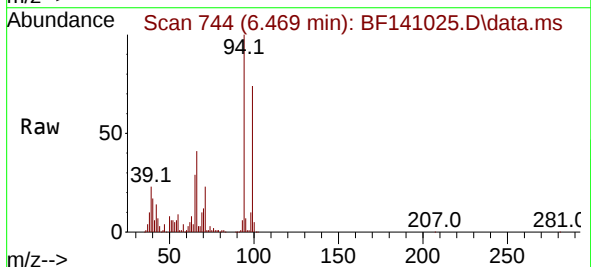
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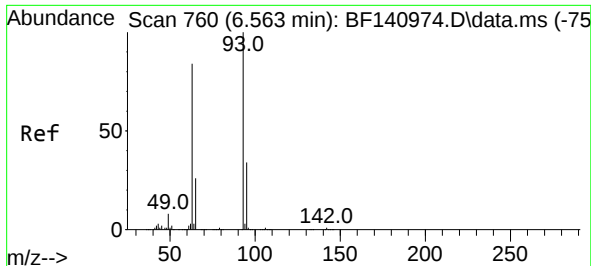
Tgt Ion: 77 Resp: 172806
Ion Ratio Lower Upper
77 100
105 98.3 76.2 116.2
106 94.3 73.4 113.4



#10
Phenol
Concen: 48.922 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 94 Resp: 1063408
Ion Ratio Lower Upper
94 100
65 28.9 8.1 48.1
66 40.7 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 46.826 ng

RT: 6.563 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

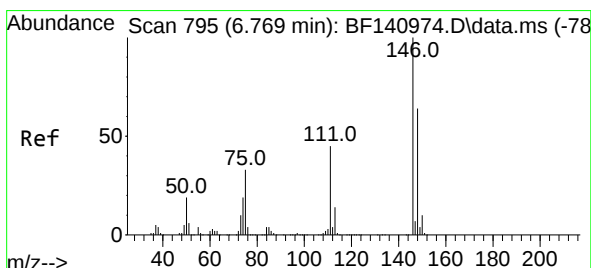
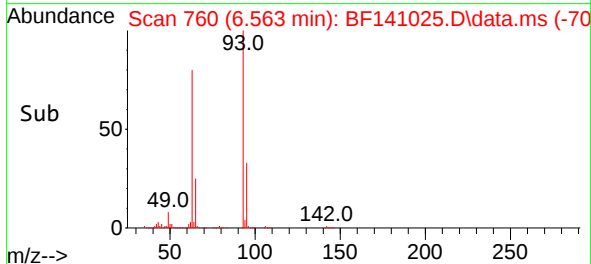
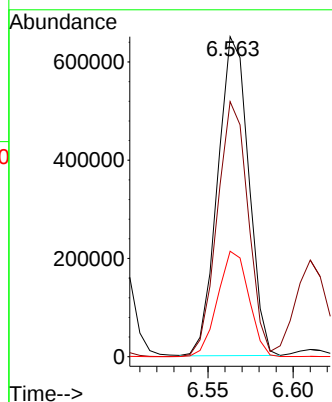
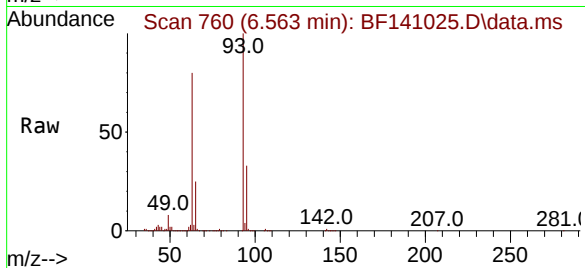
Tgt Ion: 93 Resp: 821851

Ion Ratio Lower Upper

93 100

63 79.7 60.3 100.3

95 33.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 46.553 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

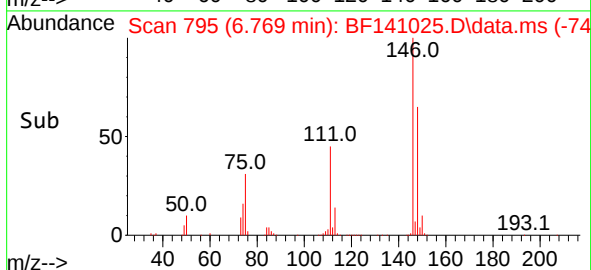
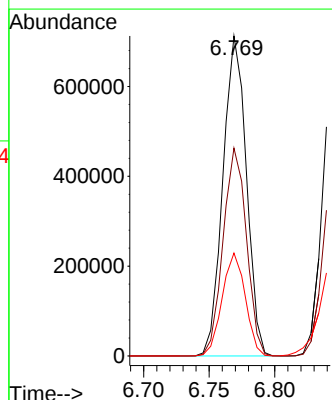
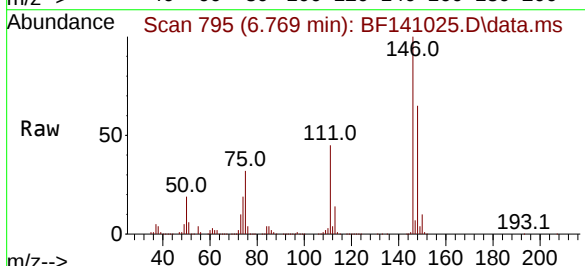
Tgt Ion:146 Resp: 883921

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

75 32.2 26.1 39.1

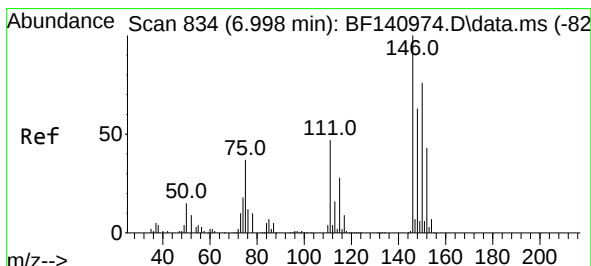
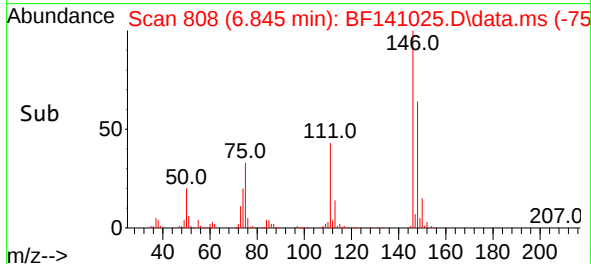
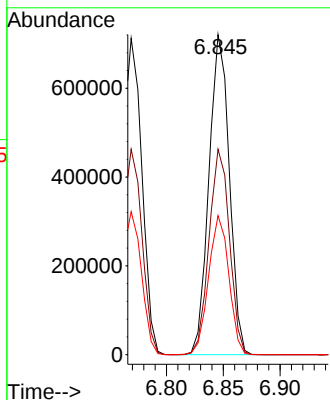
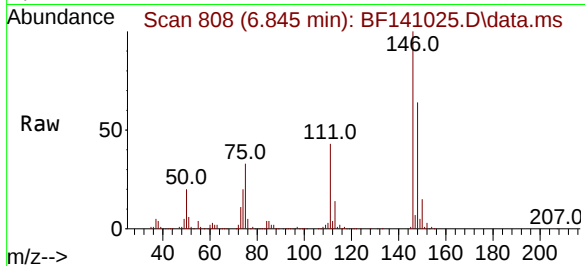




#13
1,4-Dichlorobenzene
Concen: 46.968 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

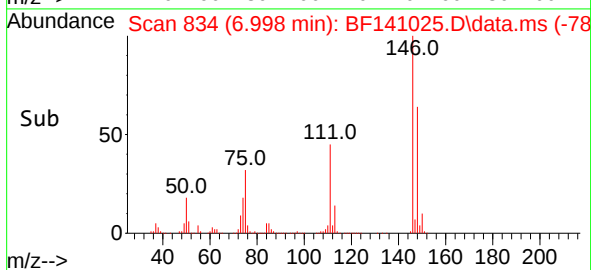
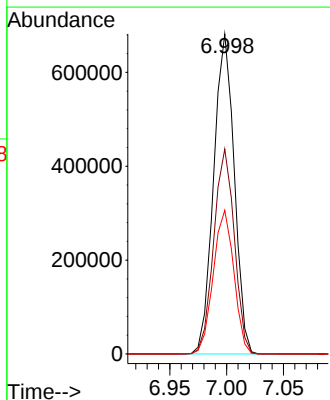
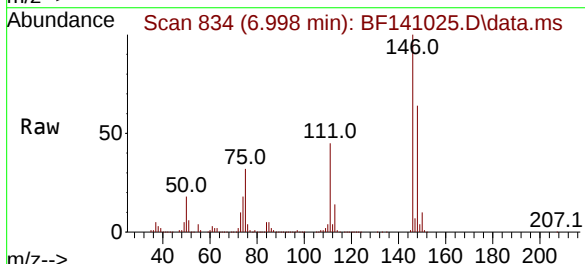
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion:146 Resp: 898996
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.179 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:146 Resp: 859807
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 44.9 37.3 55.9

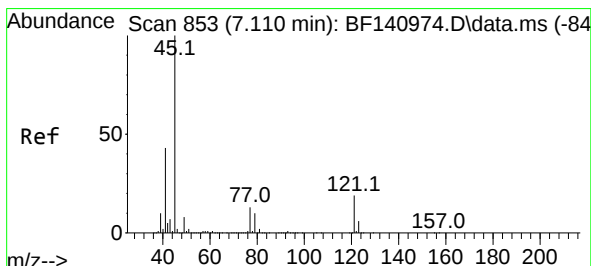
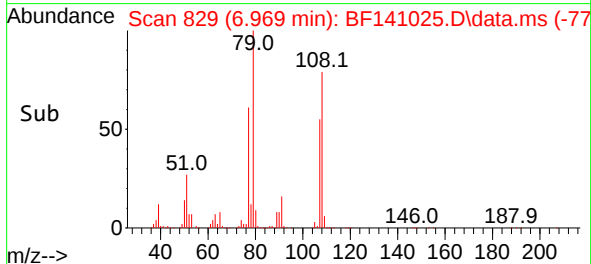
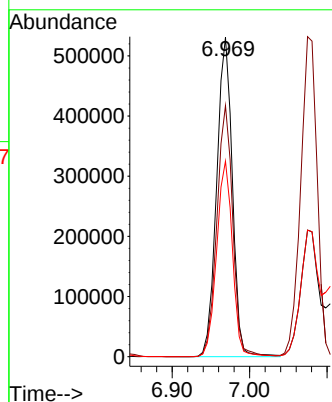
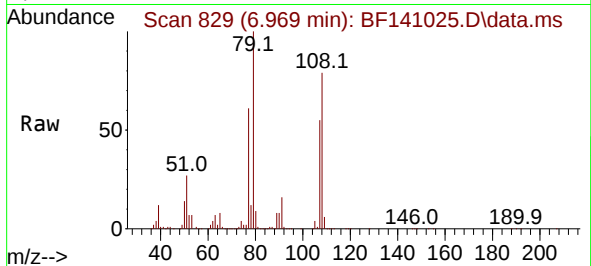




#15
Benzyl Alcohol
Concen: 49.513 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

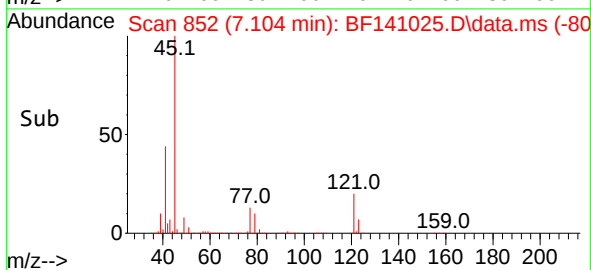
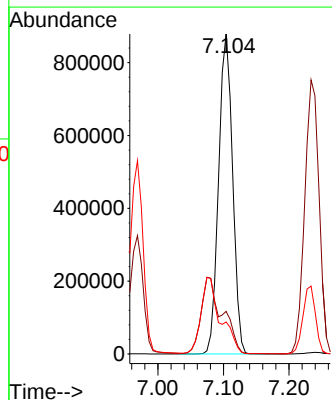
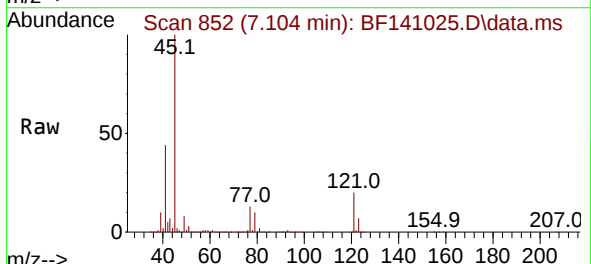
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion: 79 Resp: 747949
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 61.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.762 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 45 Resp: 1294276
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.1
79 10.0 0.0 30.1





#17

2-Methylphenol

Concen: 48.492 ng

RT: 7.075 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF141025.D

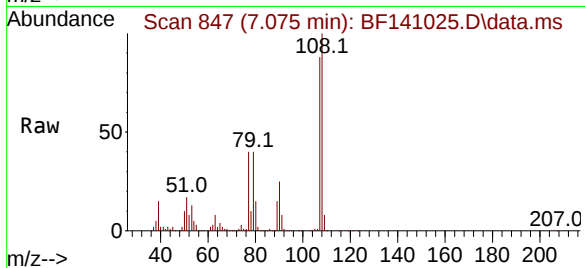
Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD



Tgt Ion:107 Resp: 693108

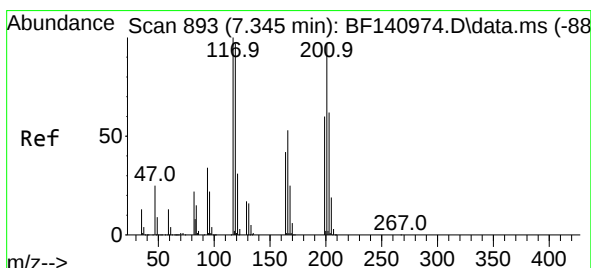
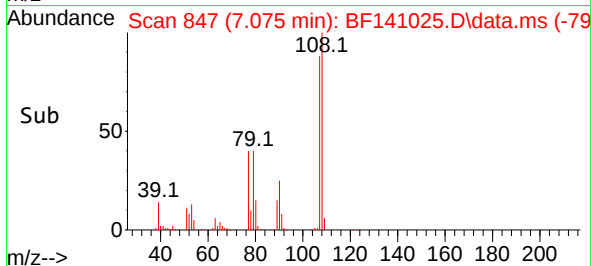
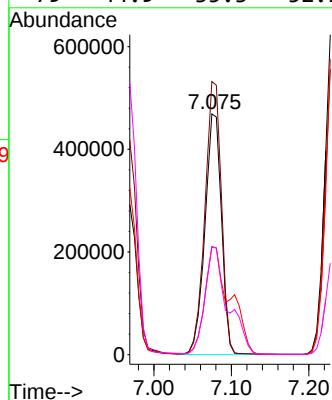
Ion Ratio Lower Upper

107 100

108 113.4 90.6 136.0

77 44.8 35.3 52.9

79 44.9 35.3 52.9



#18

Hexachloroethane

Concen: 47.972 ng

RT: 7.339 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

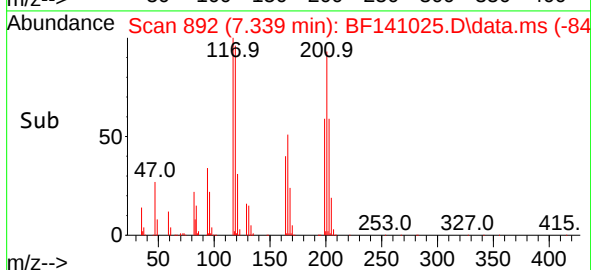
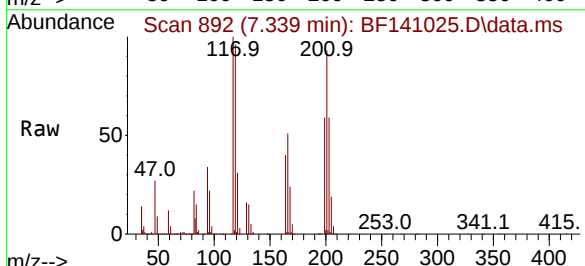
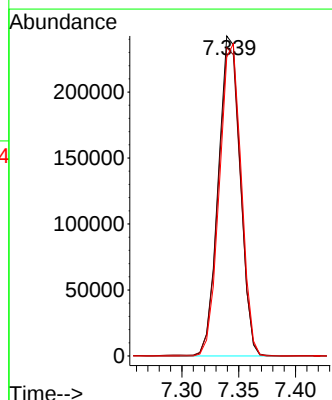
Tgt Ion:117 Resp: 326182

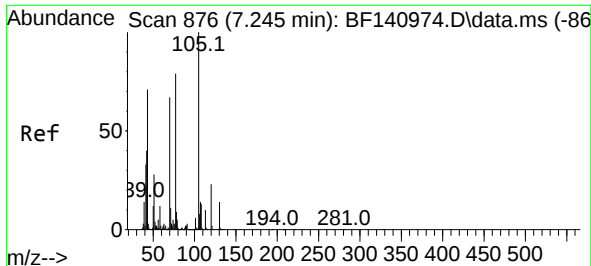
Ion Ratio Lower Upper

117 100

119 96.3 77.5 116.3

201 93.4 77.4 116.2

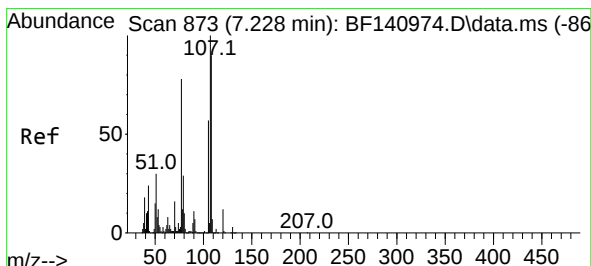
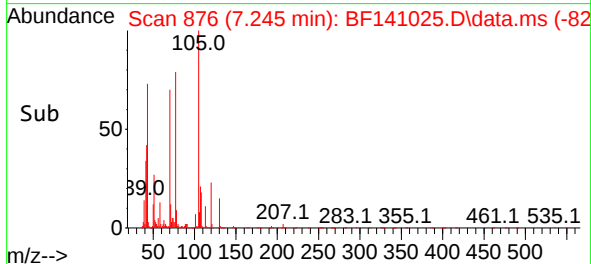
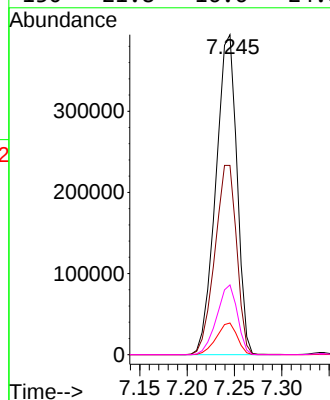
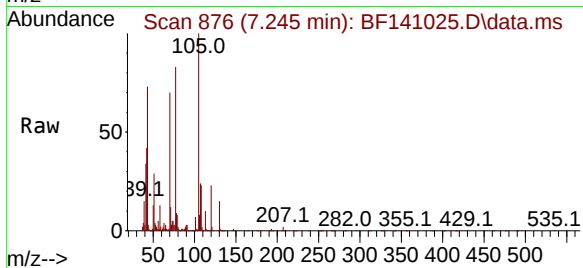




#19
n-Nitroso-di-n-propylamine
Concen: 47.591 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

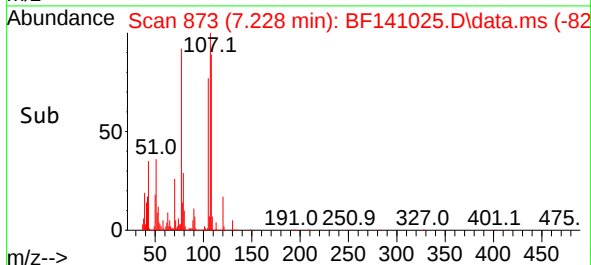
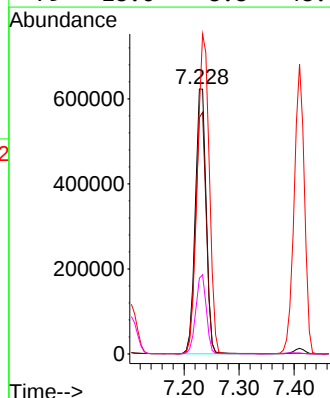
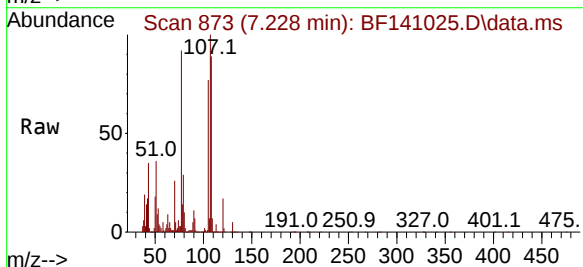
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

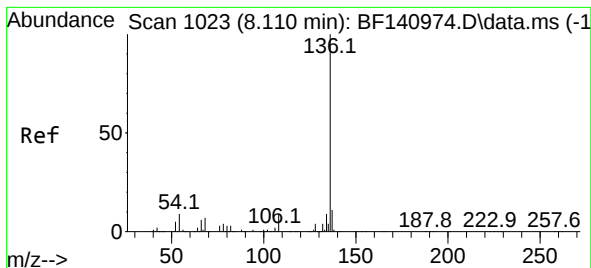
Tgt Ion: 70 Resp: 612897
Ion Ratio Lower Upper
70 100
42 59.2 48.1 72.1
101 9.9 7.6 11.4
130 21.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 47.197 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 107 Resp: 853684
Ion Ratio Lower Upper
107 100
108 89.2 69.6 109.6
77 92.5 57.6 97.6
79 28.6 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: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

Tgt Ion:136 Resp: 976708

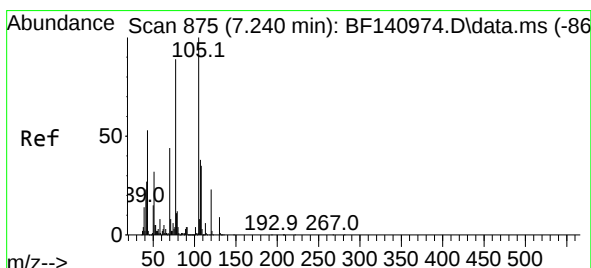
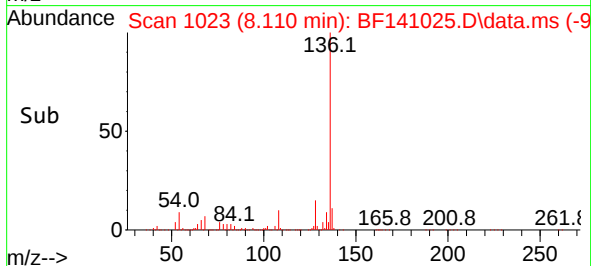
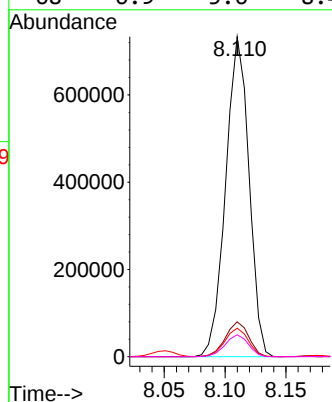
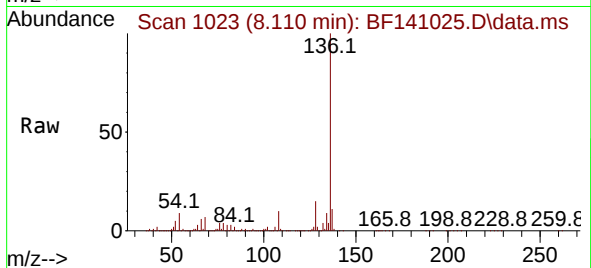
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.9 7.6 11.4

68 6.9 5.6 8.4



#22

Acetophenone

Concen: 47.369 ng

RT: 7.239 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Tgt Ion:105 Resp: 1134969

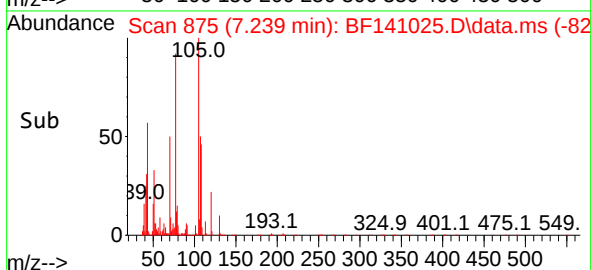
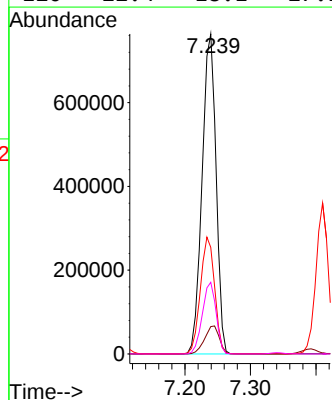
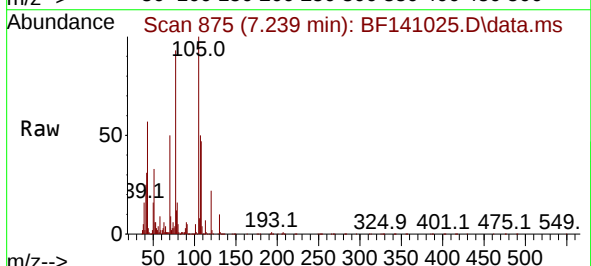
Ion Ratio Lower Upper

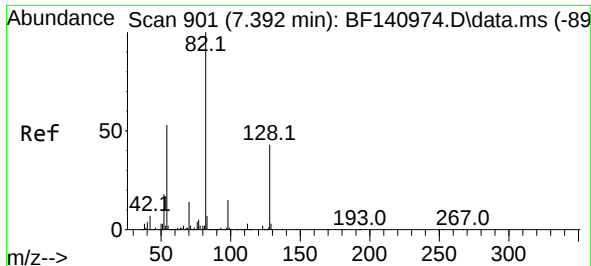
105 100

71 8.5 6.1 9.1

51 33.3 25.8 38.6

120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 117.028 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

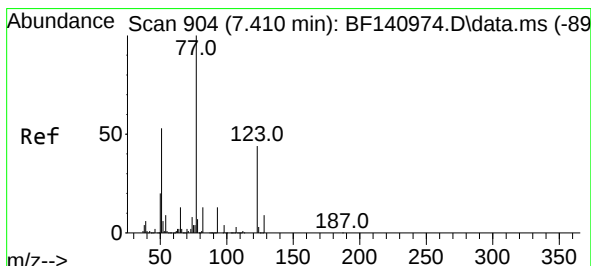
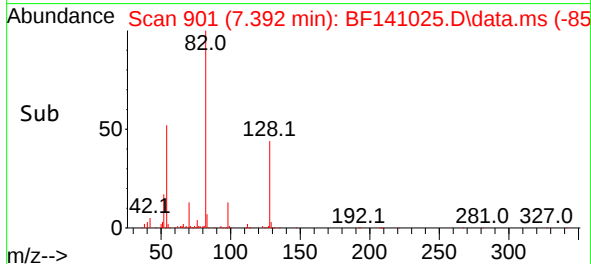
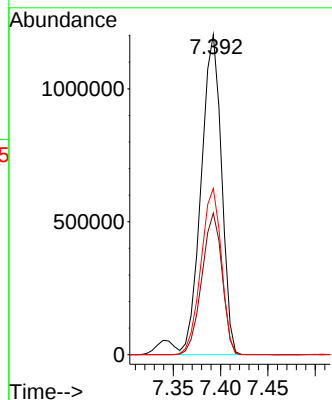
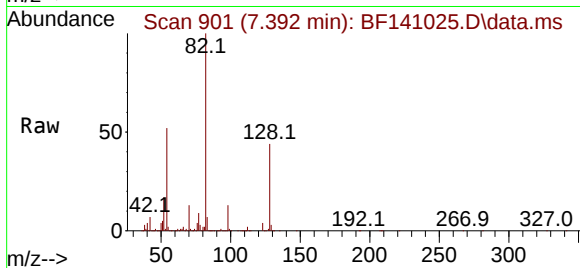
BNA_F

ClientSampleId :

PB165875BSD

Tgt Ion: 82 Resp: 1786584

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	51.9	42.4	63.6



#24

Nitrobenzene

Concen: 51.658 ng

RT: 7.410 min Scan# 904

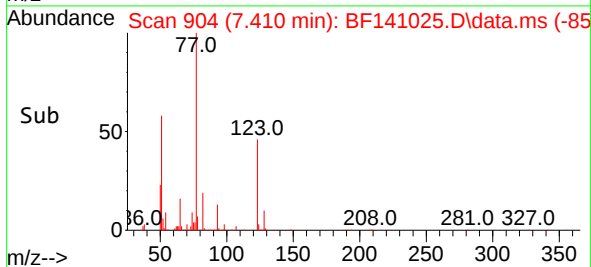
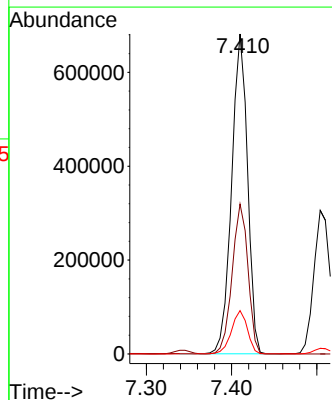
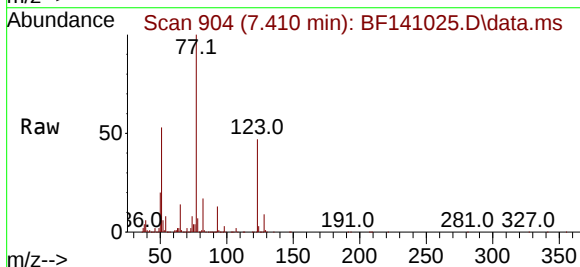
Delta R.T. -0.000 min

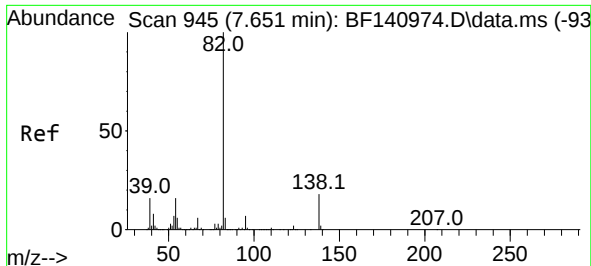
Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Tgt Ion: 77 Resp: 881208

Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.4	53.2
65	13.6	10.7	16.1

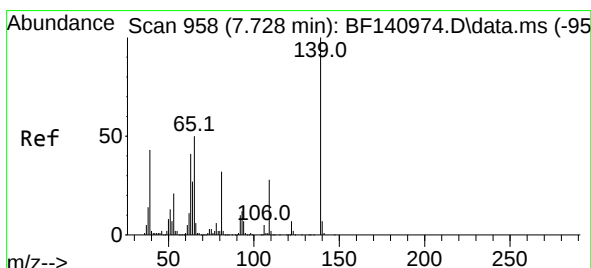
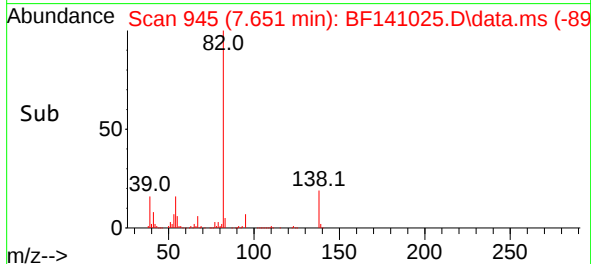
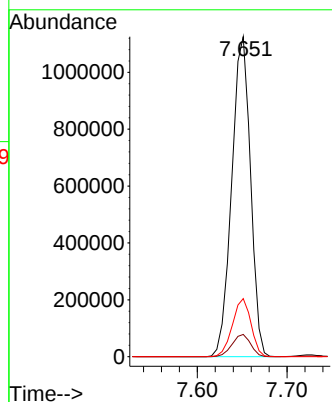
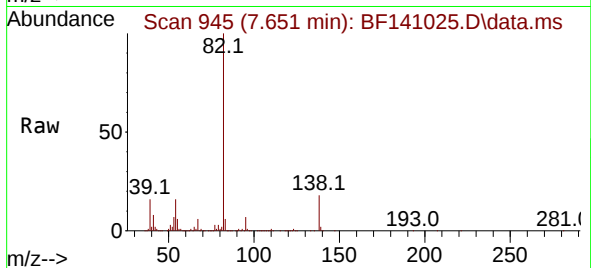




#25
Isophorone
Concen: 49.194 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

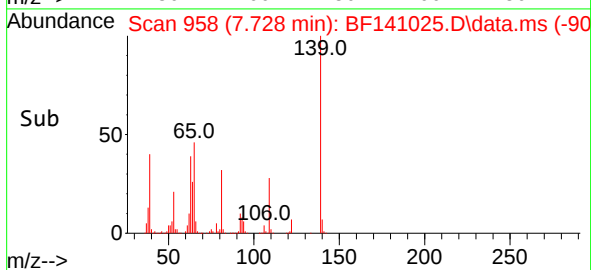
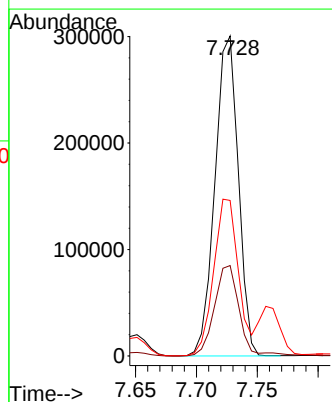
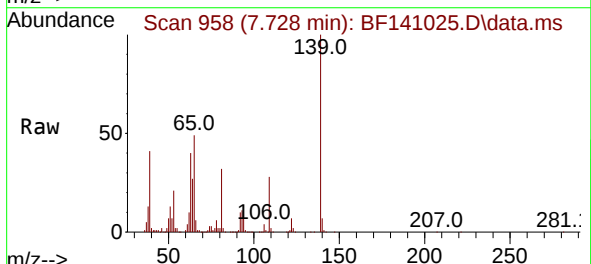
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion: 82 Resp: 1634230
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 56.470 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:139 Resp: 402118
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 48.6 40.2 60.4

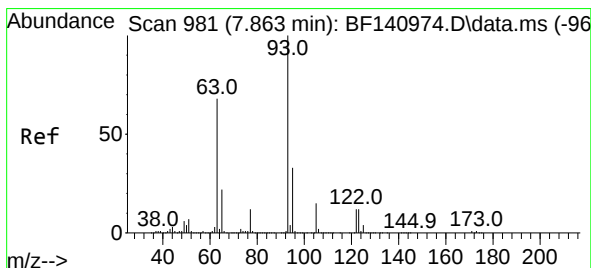
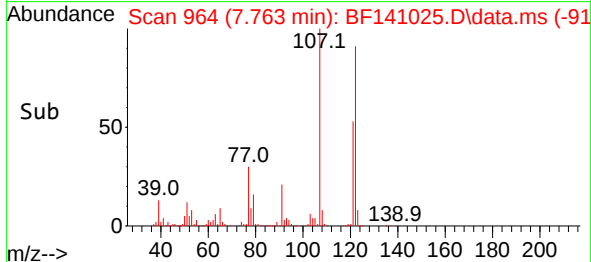
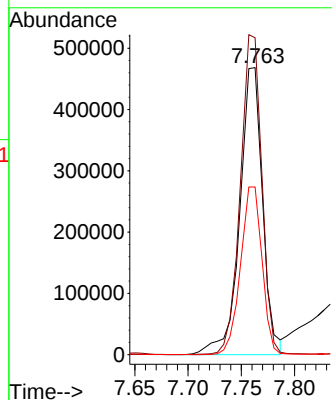
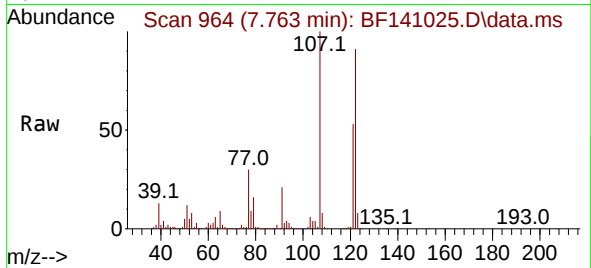




#27
2,4-Dimethylphenol
Concen: 57.637 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

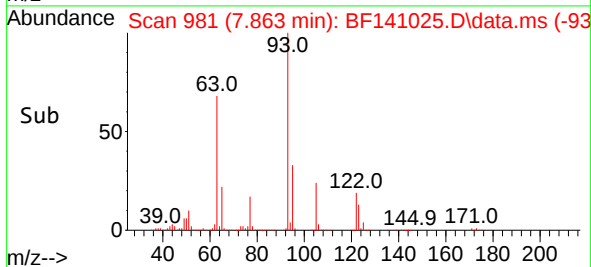
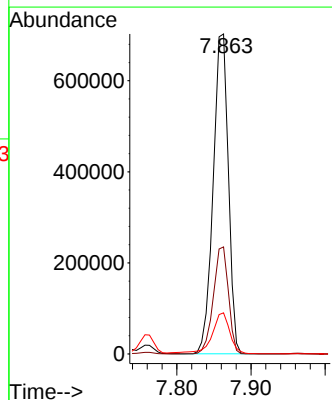
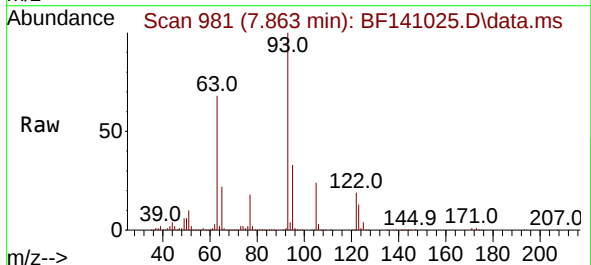
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion:122 Resp: 699767
Ion Ratio Lower Upper
122 100
107 110.5 89.4 134.2
121 58.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.397 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 93 Resp: 997601
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.4
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 50.191 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

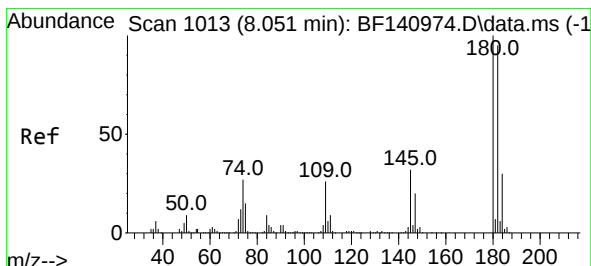
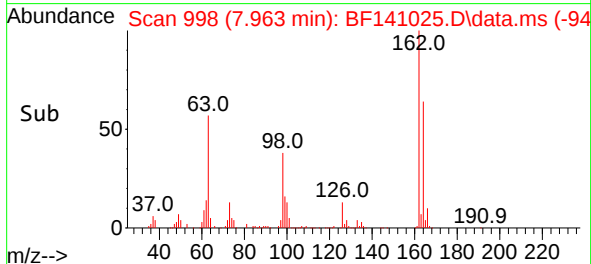
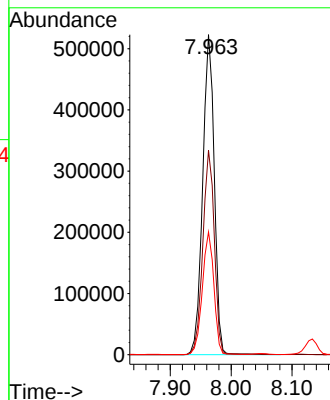
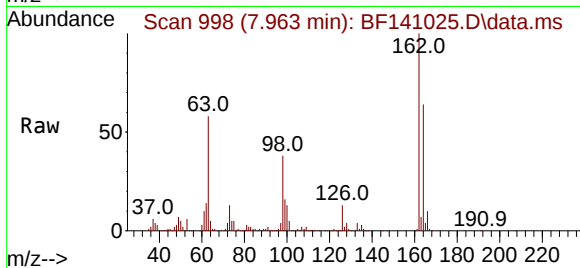
Tgt Ion:162 Resp: 691115

Ion Ratio Lower Upper

162 100

164 63.9 44.8 84.8

98 38.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.685 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

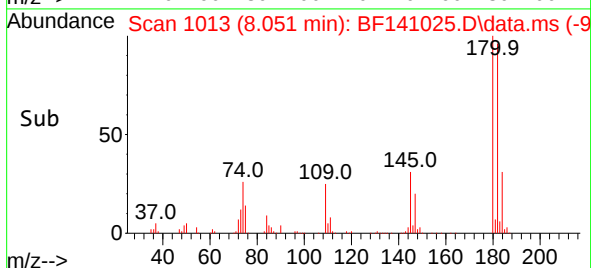
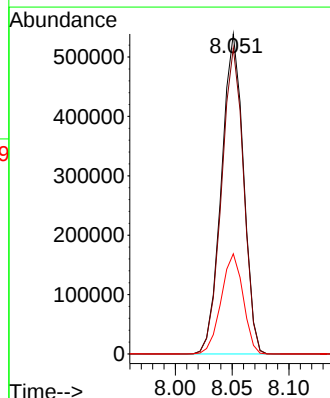
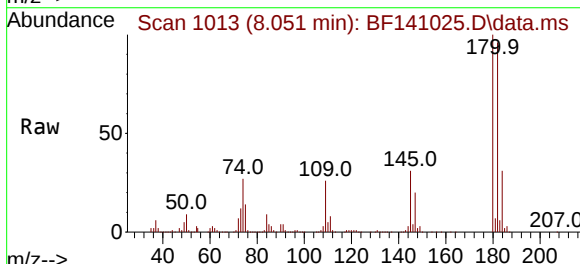
Tgt Ion:180 Resp: 727587

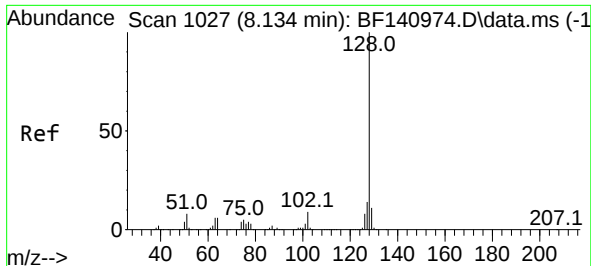
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 31.3 25.4 38.2

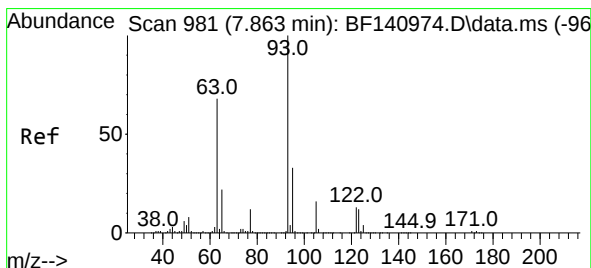
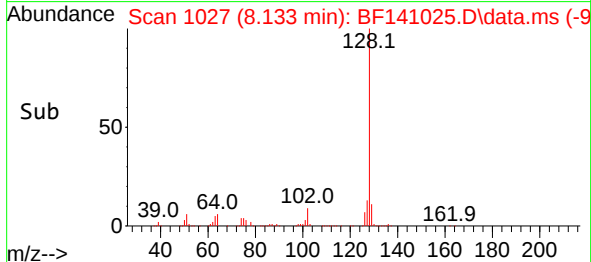
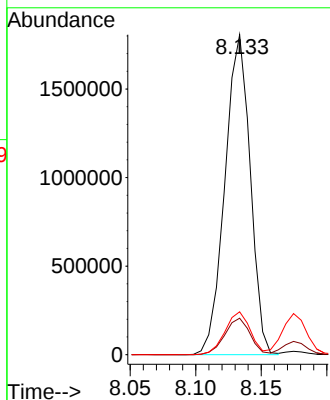
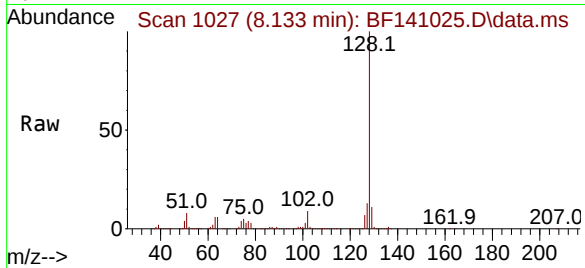




#31
Naphthalene
Concen: 47.135 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

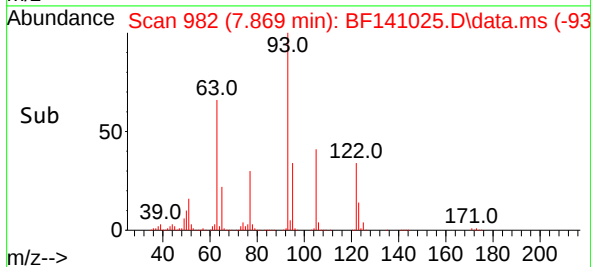
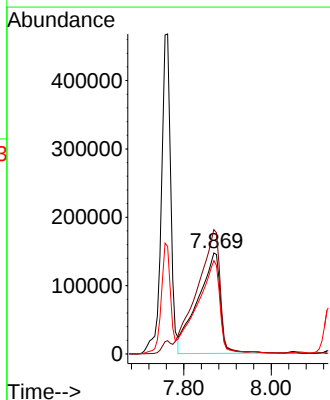
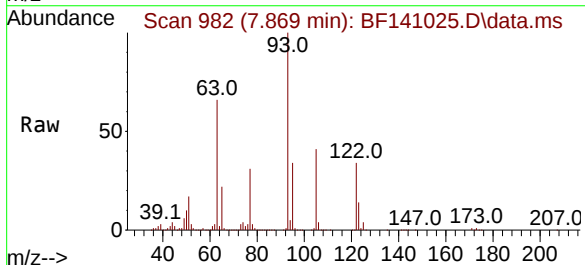
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

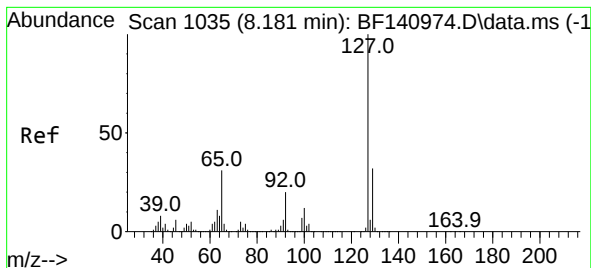
Tgt Ion:128 Resp: 2425900
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 52.365 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:122 Resp: 531525
Ion Ratio Lower Upper
122 100
105 123.2 105.4 145.4
77 92.4 76.4 116.4





#33

4-Chloroaniline

Concen: 17.164 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

Tgt Ion:127 Resp: 319571

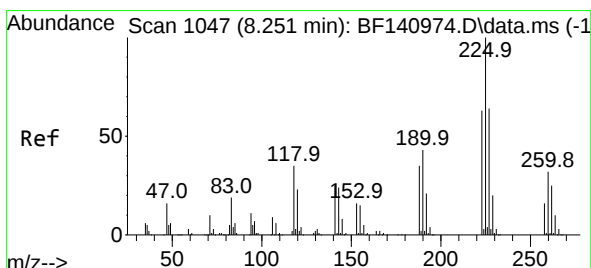
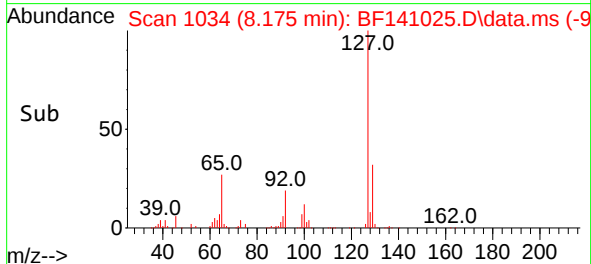
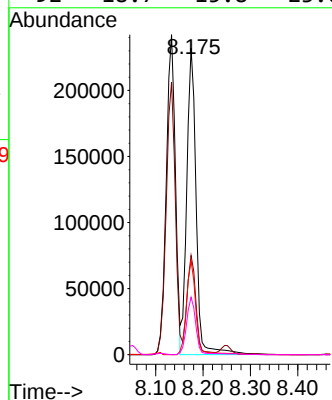
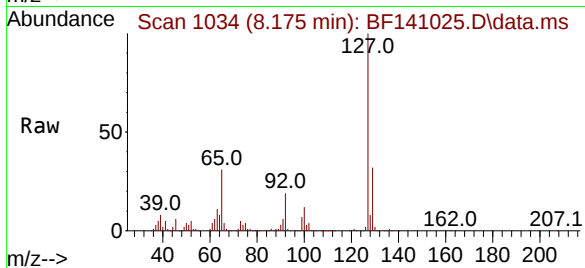
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 30.6 24.6 37.0

92 18.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 47.223 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

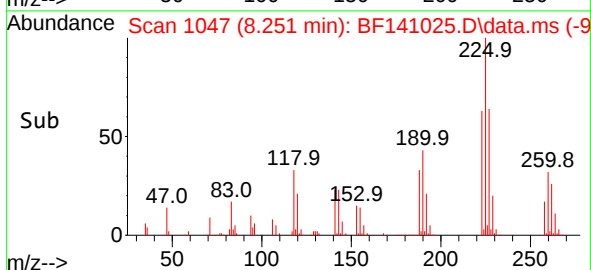
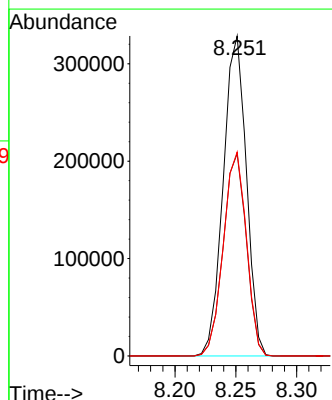
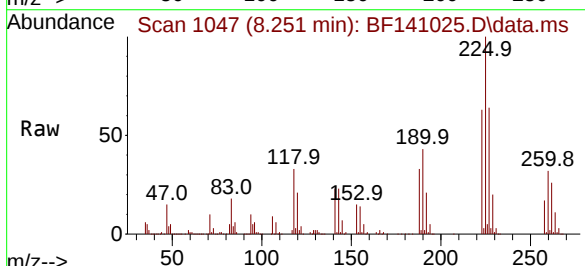
Tgt Ion:225 Resp: 433879

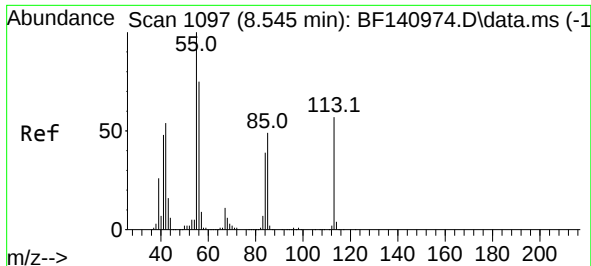
Ion Ratio Lower Upper

225 100

223 63.2 50.3 75.5

227 63.7 50.8 76.2

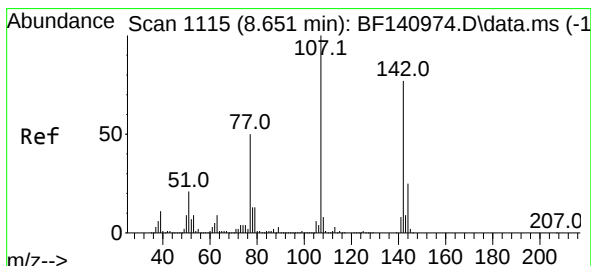
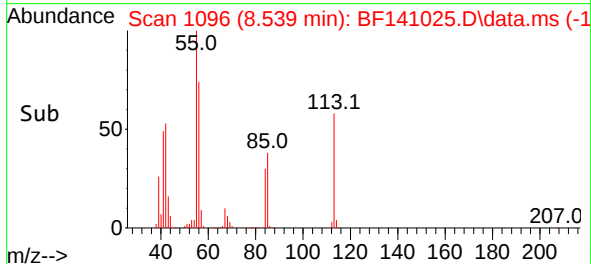
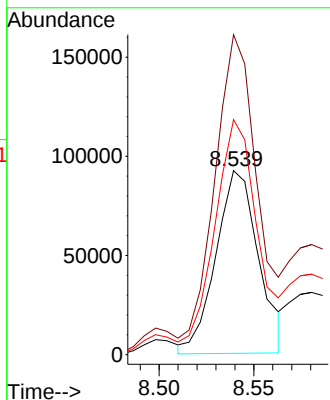
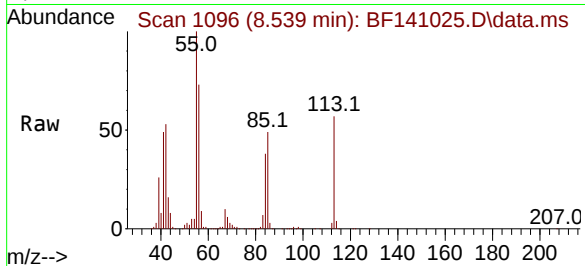




#35
 Caprolactam
 Concen: 30.799 ng
 RT: 8.539 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF141025.D
 Acq: 30 Dec 2024 12:03

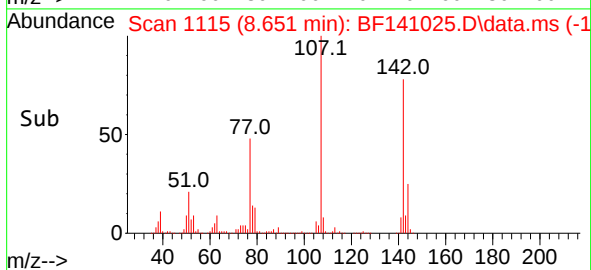
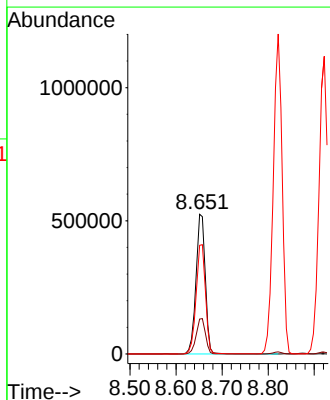
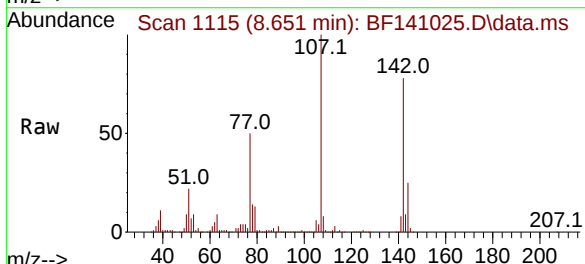
Instrument :
 BNA_F
 ClientSampleId :
 PB165875BSD

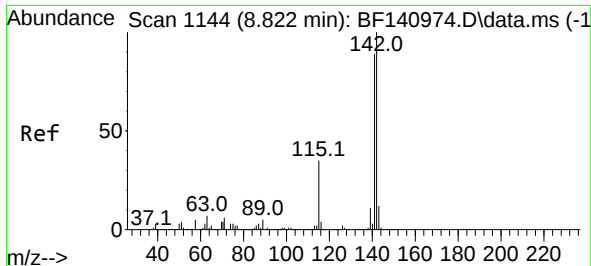
Tgt Ion:113 Resp: 144174
 Ion Ratio Lower Upper
 113 100
 55 174.0 156.6 196.6
 56 127.8 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.201 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF141025.D
 Acq: 30 Dec 2024 12:03

Tgt Ion:107 Resp: 737086
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.9 29.9
 142 77.7 61.8 92.8





#37

2-Methylnaphthalene

Concen: 48.432 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

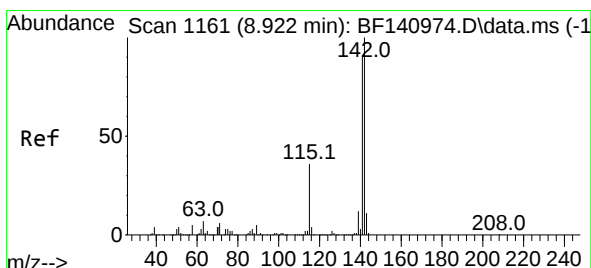
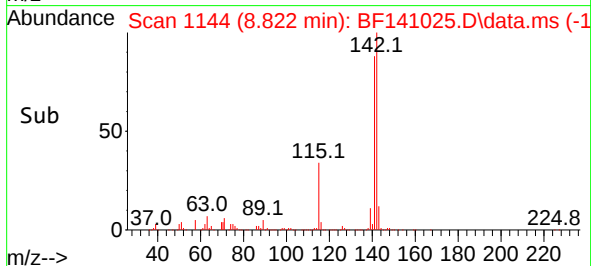
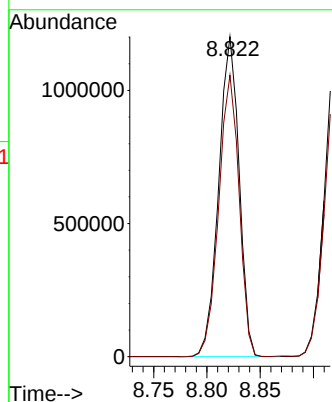
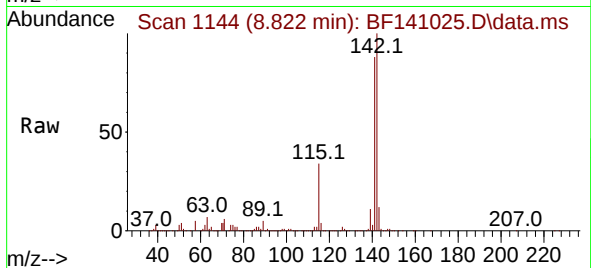
PB165875BSD

Tgt Ion:142 Resp: 1594638

Ion Ratio Lower Upper

142 100

141 87.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 45.837 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141025.D

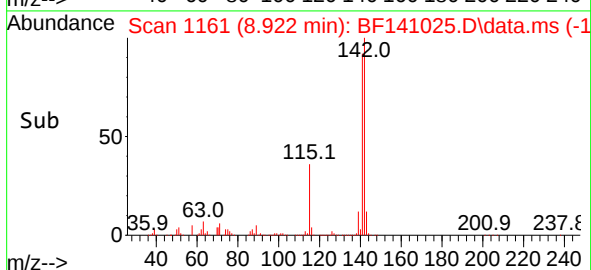
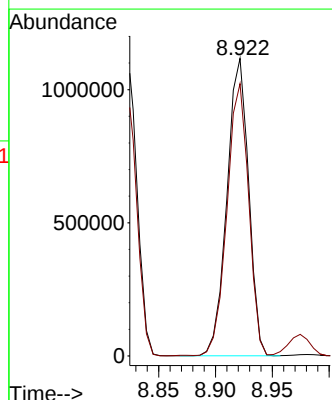
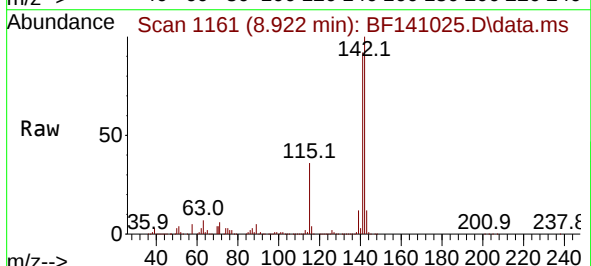
Acq: 30 Dec 2024 12:03

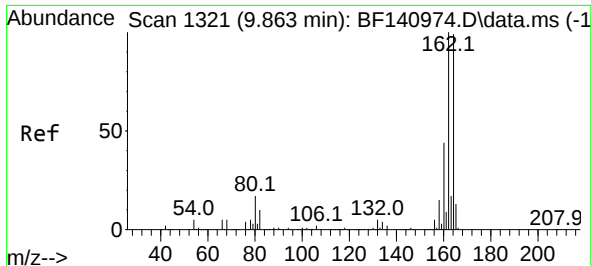
Tgt Ion:142 Resp: 1483212

Ion Ratio Lower Upper

142 100

141 91.5 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: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

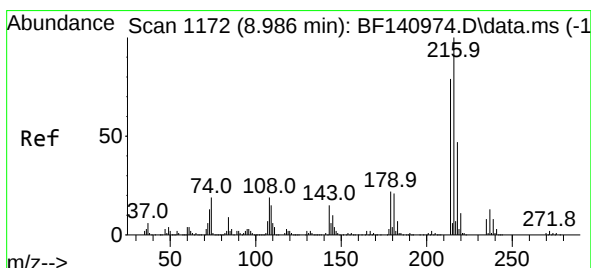
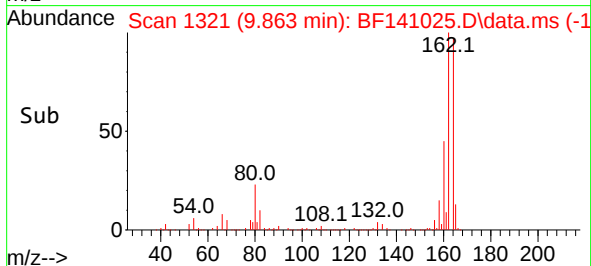
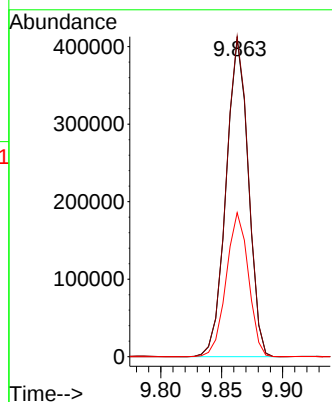
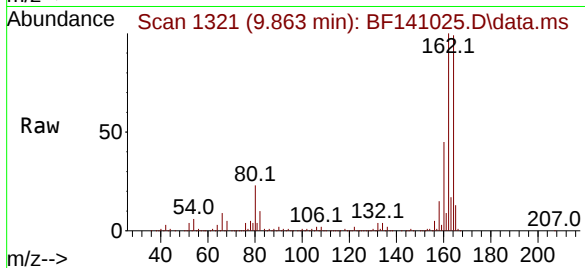
Tgt Ion:164 Resp: 520630

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 45.3 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.616 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Tgt Ion:216 Resp: 696335

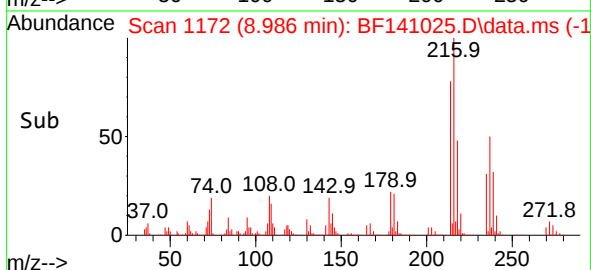
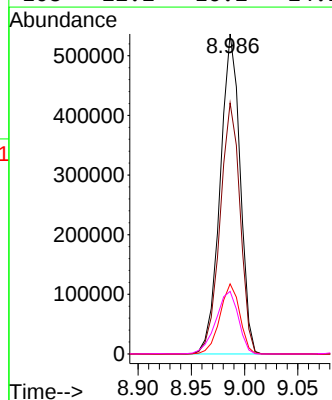
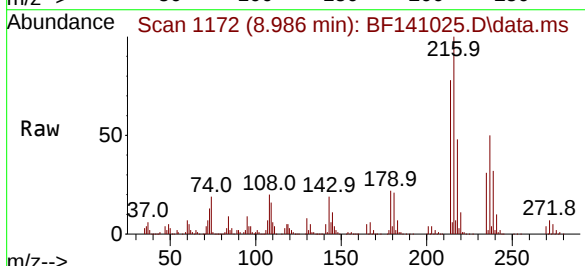
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 21.8 17.9 26.9

108 22.2 16.2 24.2

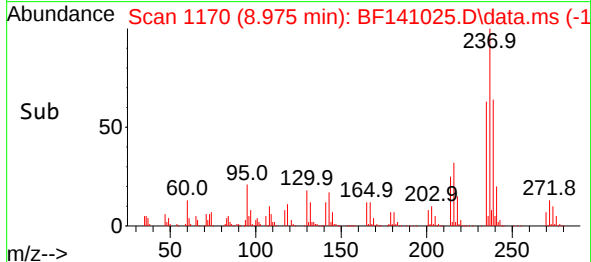
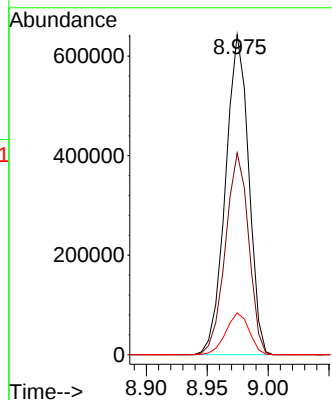
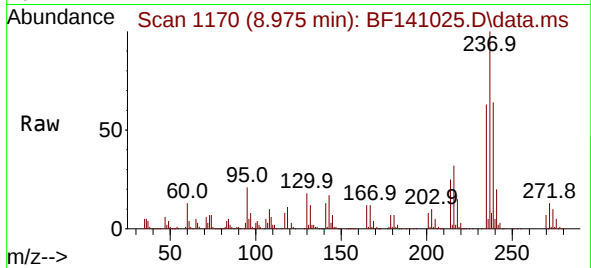




#41
Hexachlorocyclopentadiene
Concen: 179.525 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

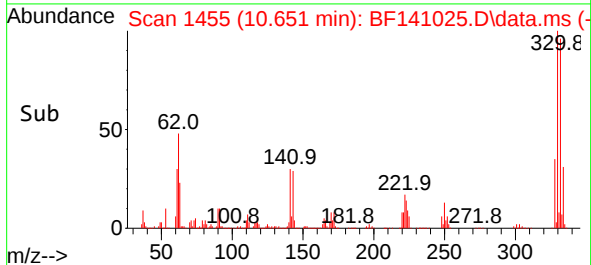
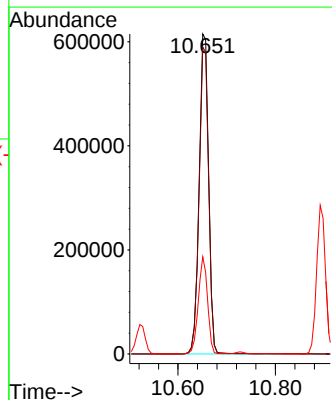
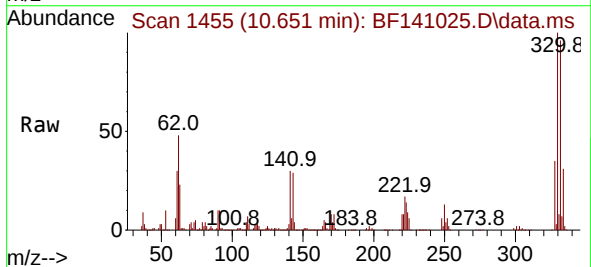
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

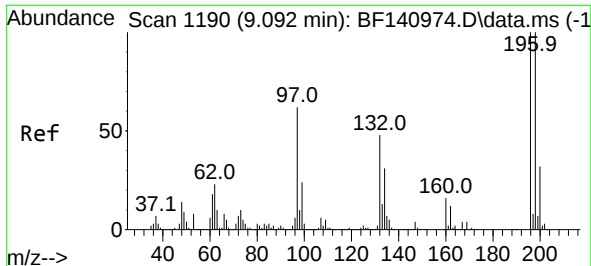
Tgt	Ion:237	Resp:	852123
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	13.1	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 165.214 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt	Ion:330	Resp:	835815
Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	29.6	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 53.045 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

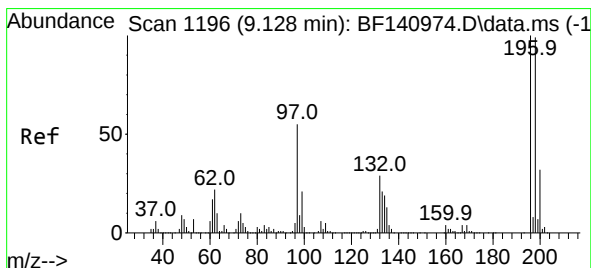
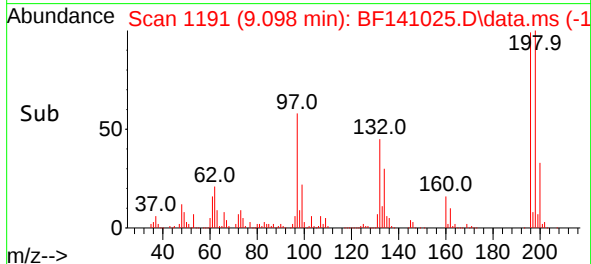
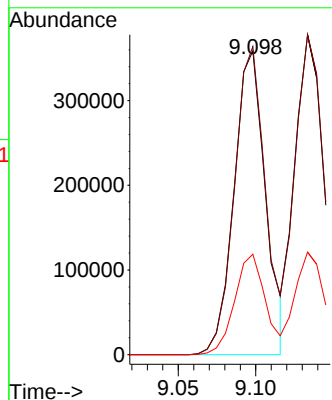
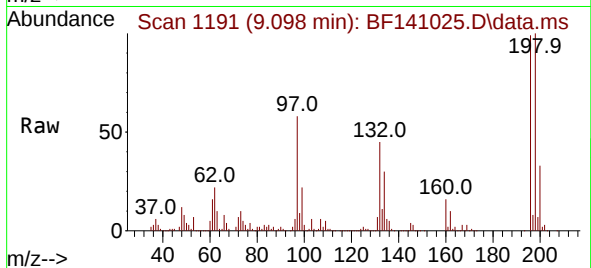
Tgt Ion:196 Resp: 505666

Ion Ratio Lower Upper

196 100

198 101.4 80.2 120.4

200 33.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 50.118 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Tgt Ion:196 Resp: 488846

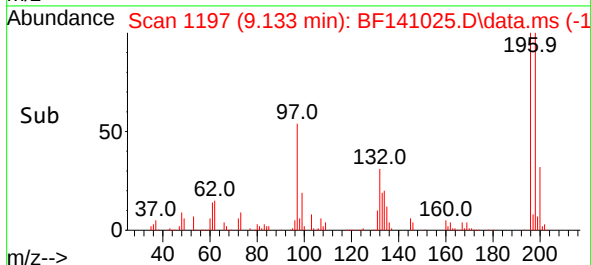
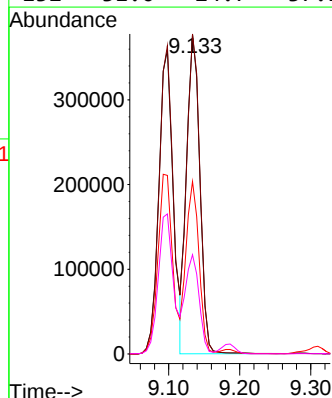
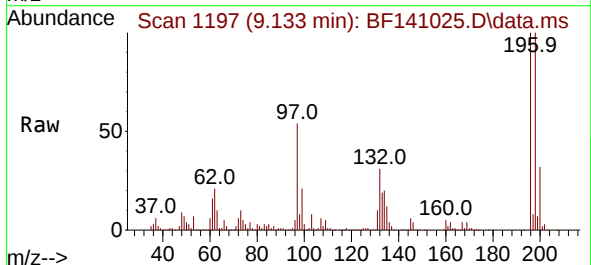
Ion Ratio Lower Upper

196 100

198 100.1 79.9 119.9

97 53.9 44.3 66.5

132 31.0 24.7 37.1

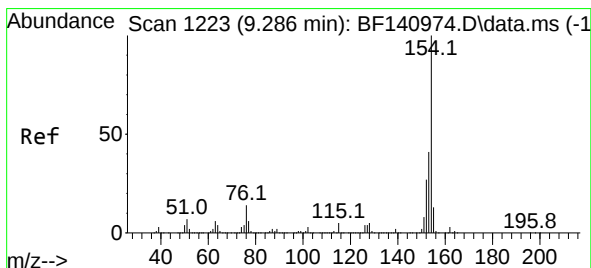
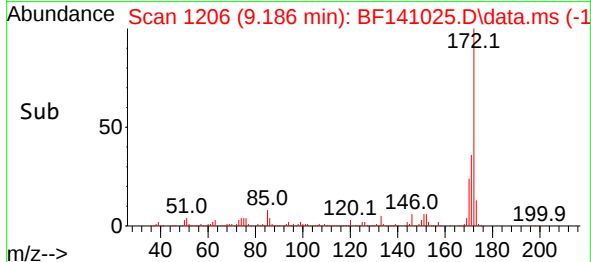
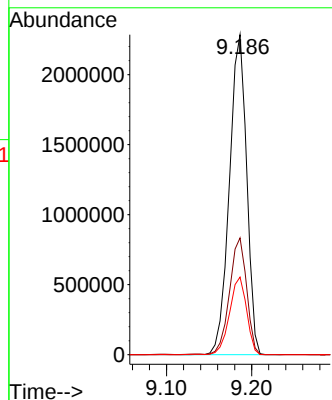
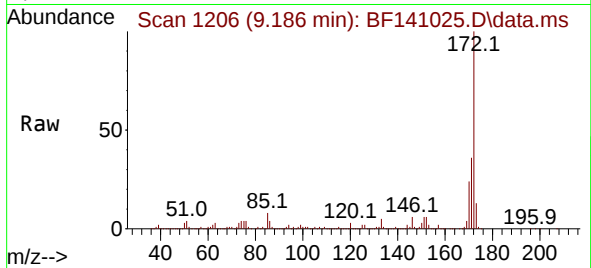




#45
2-Fluorobiphenyl
Concen: 98.340 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

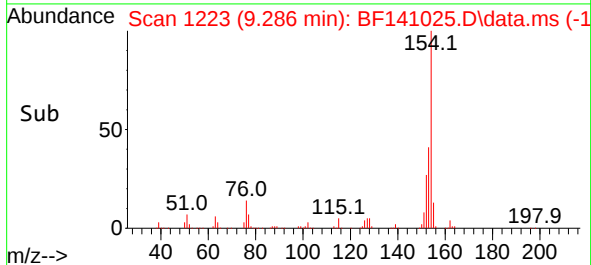
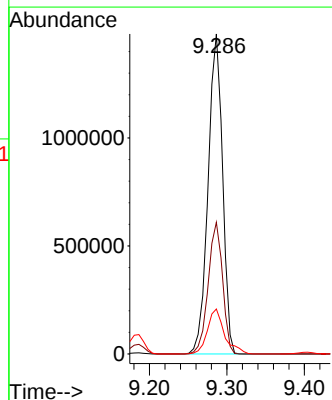
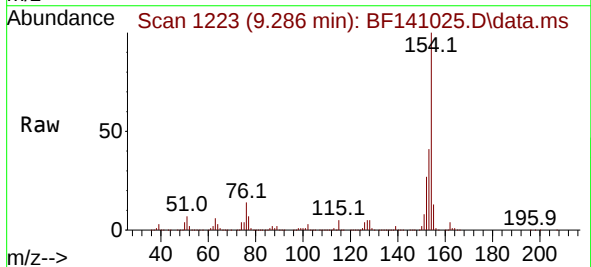
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

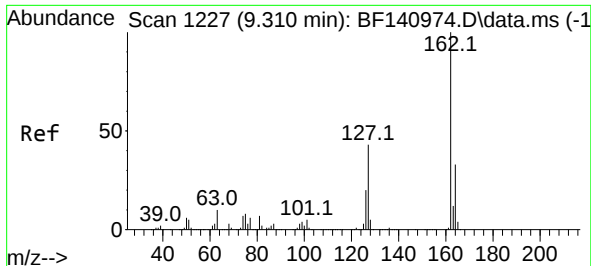
Tgt Ion:172 Resp: 3213512
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 48.078 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:154 Resp: 1916595
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.1 0.0 34.0

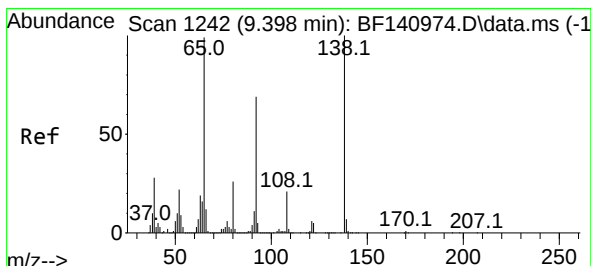
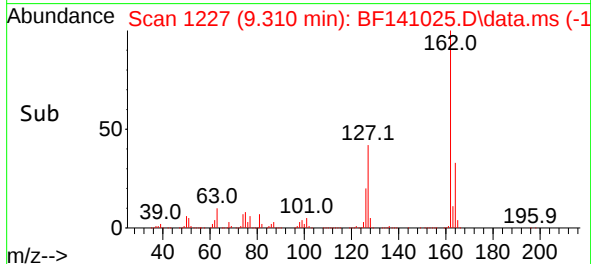
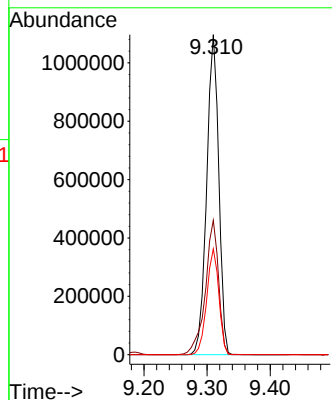
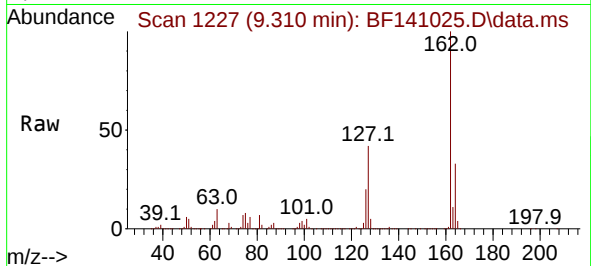




#47
2-Chloronaphthalene
Concen: 47.202 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

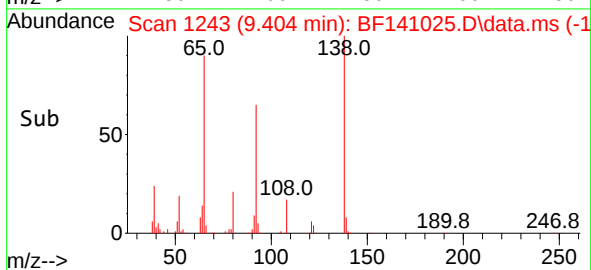
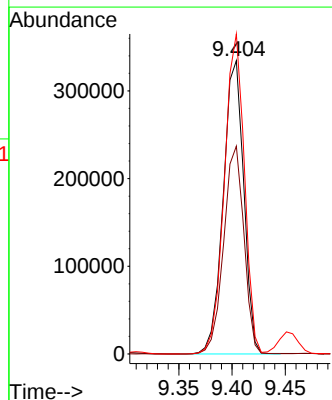
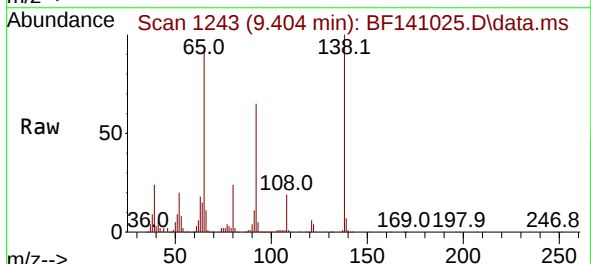
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

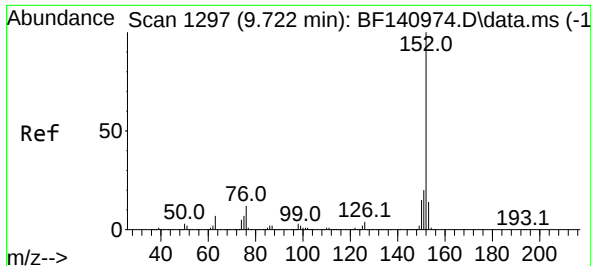
Tgt Ion:162 Resp: 1459368
Ion Ratio Lower Upper
162 100
127 42.0 34.2 51.4
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 54.483 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion: 65 Resp: 446291
Ion Ratio Lower Upper
65 100
92 70.9 55.6 83.4
138 109.1 80.5 120.7





#49

Acenaphthylene

Concen: 50.153 ng

RT: 9.727 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

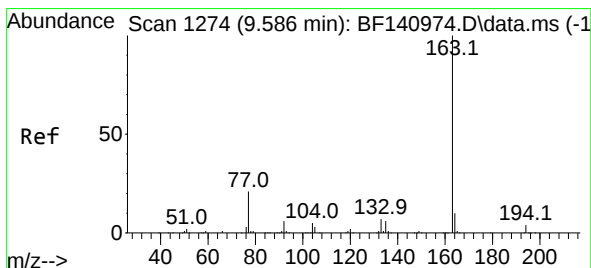
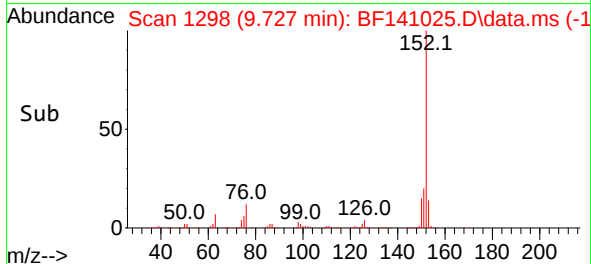
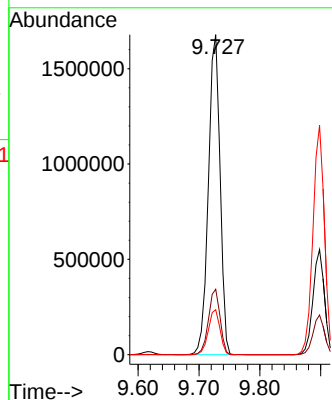
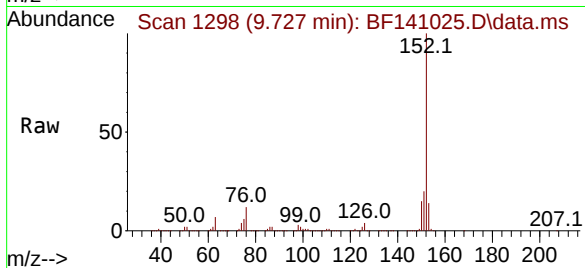
Tgt Ion:152 Resp: 2232189

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.1 11.4 17.0



#50

Dimethylphthalate

Concen: 49.327 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

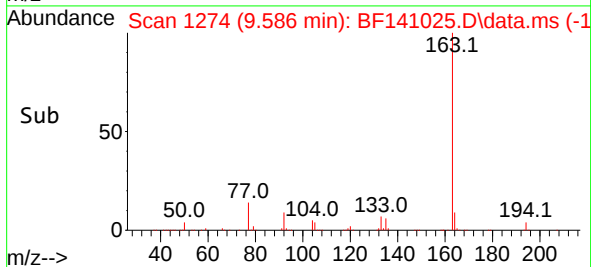
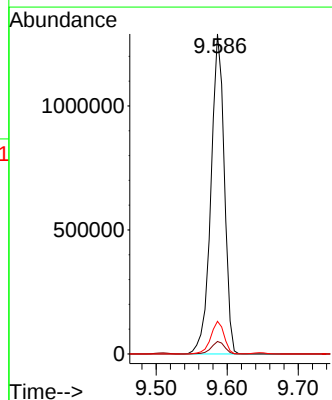
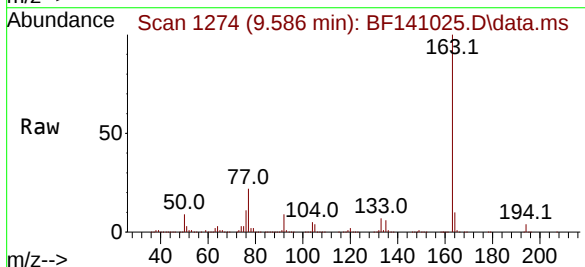
Tgt Ion:163 Resp: 1689206

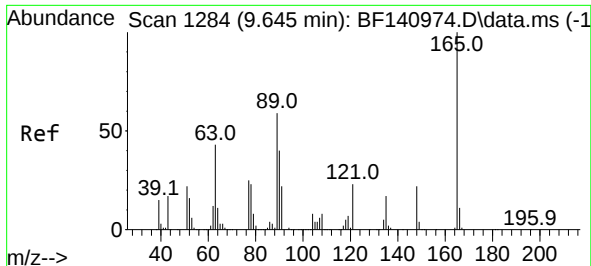
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.3 12.5

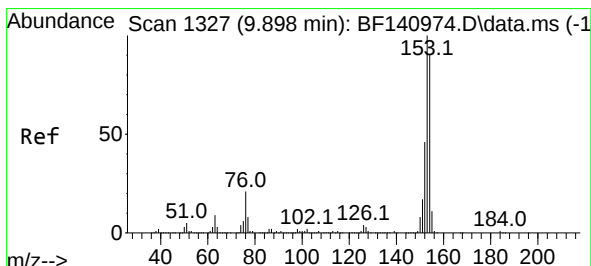
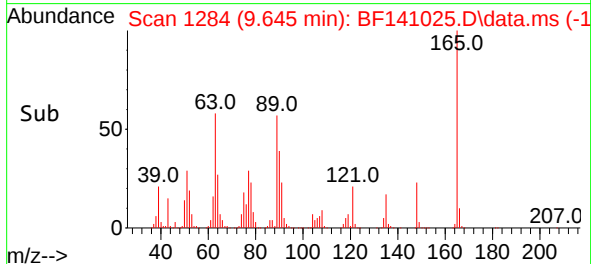
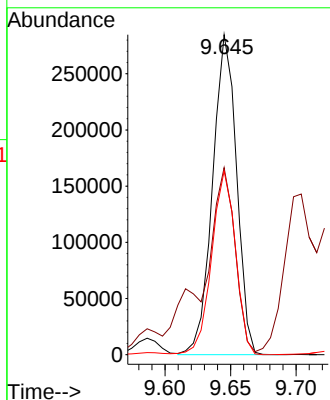
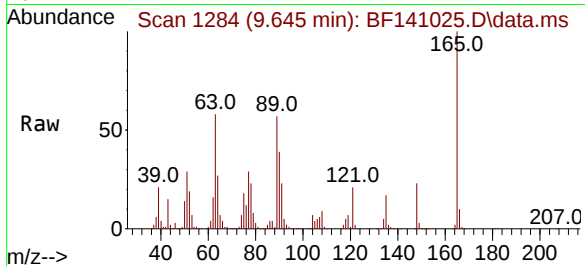




#51
2,6-Dinitrotoluene
Concen: 51.558 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

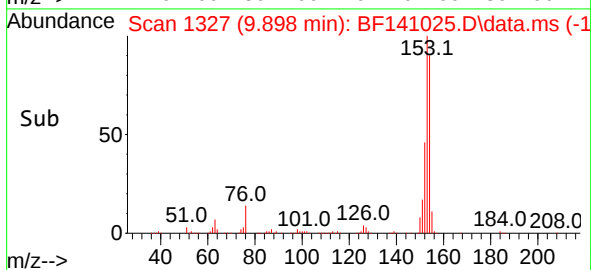
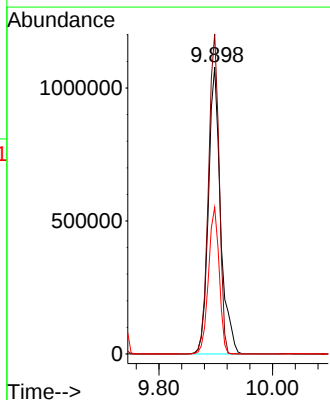
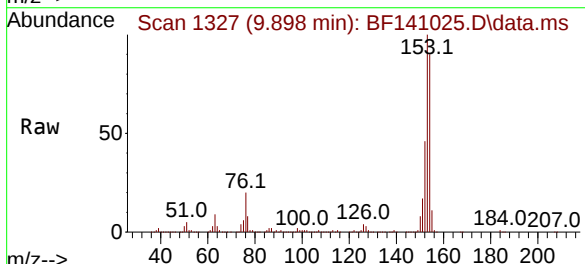
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

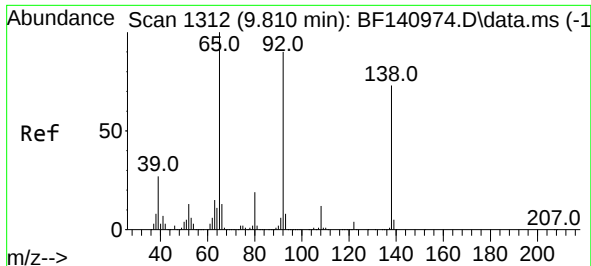
Tgt Ion:165 Resp: 362123
Ion Ratio Lower Upper
165 100
63 58.4 47.1 70.7
89 57.4 47.0 70.4



#52
Acenaphthene
Concen: 53.021 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:154 Resp: 1595365
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 51.1 40.9 61.3

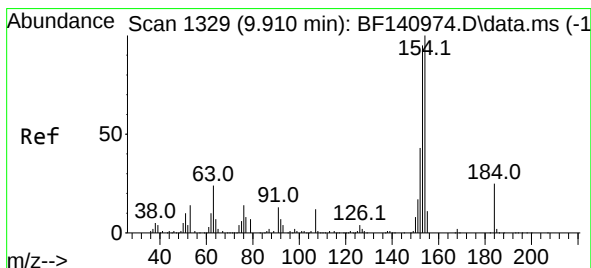
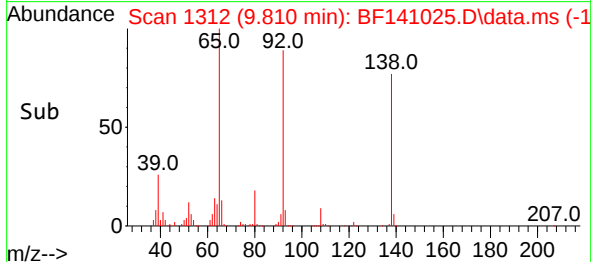
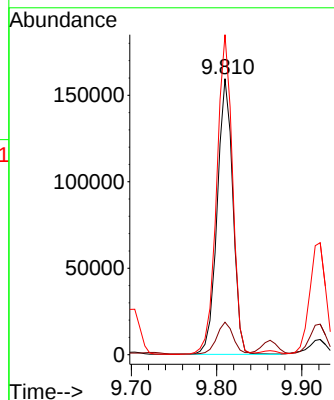
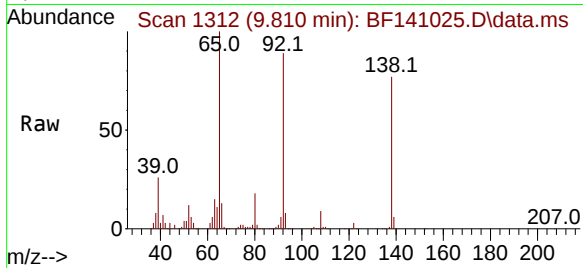




#53
3-Nitroaniline
Concen: 28.259 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

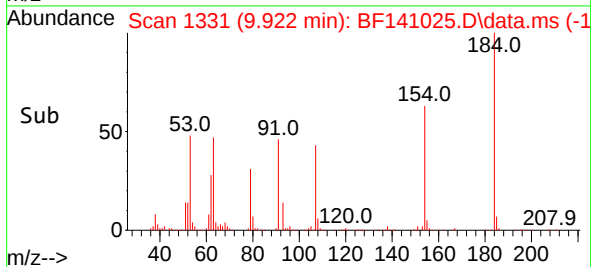
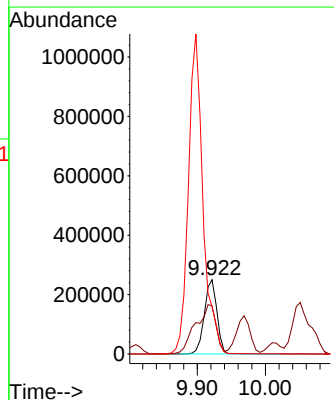
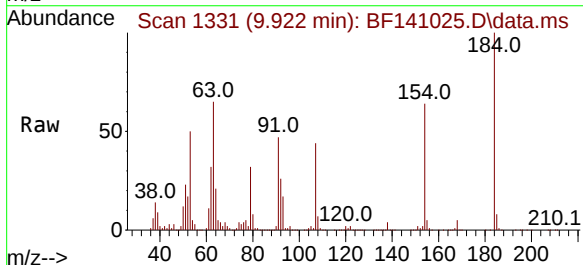
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

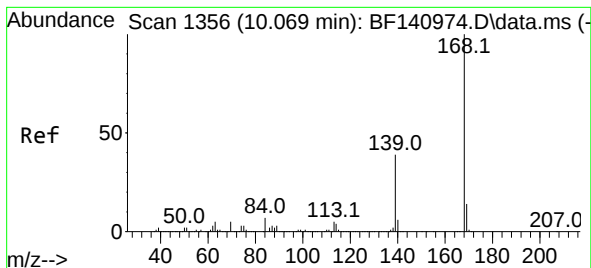
Tgt Ion:138 Resp: 203684
Ion Ratio Lower Upper
138 100
108 11.8 13.5 20.3#
92 115.9 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 102.159 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:184 Resp: 320681
Ion Ratio Lower Upper
184 100
63 64.9 81.6 122.4#
154 63.5 363.5 545.3#

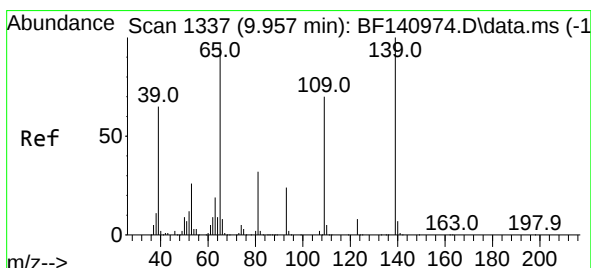
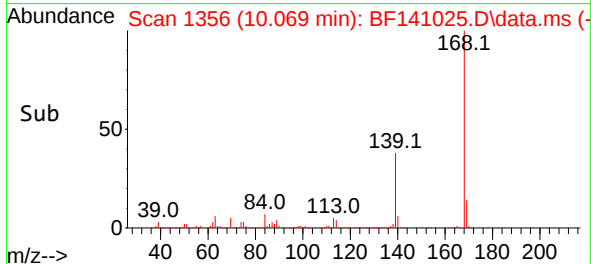
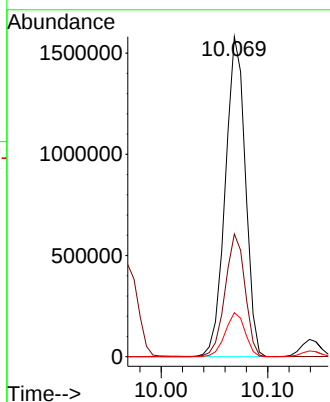
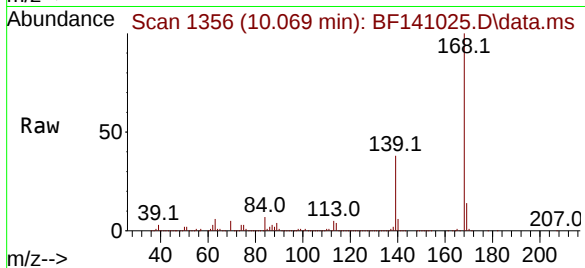




#55
Dibenzofuran
Concen: 48.853 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

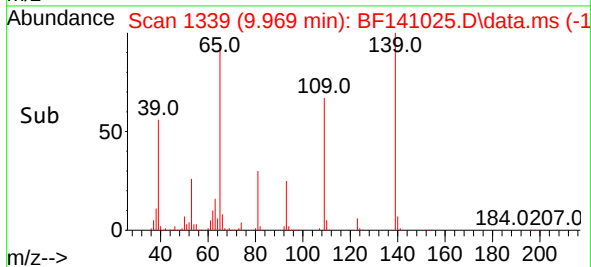
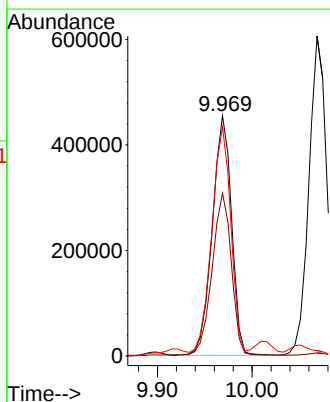
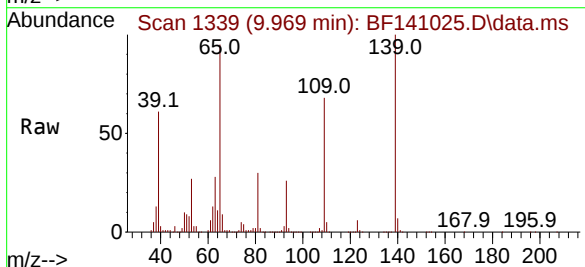
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

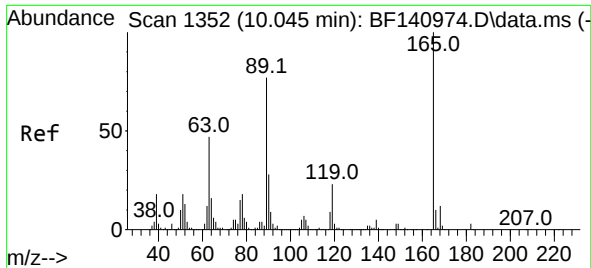
Tgt Ion:168 Resp: 2065770
Ion Ratio Lower Upper
168 100
139 38.4 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 109.805 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:139 Resp: 643229
Ion Ratio Lower Upper
139 100
109 67.7 50.8 90.8
65 95.3 78.5 118.5

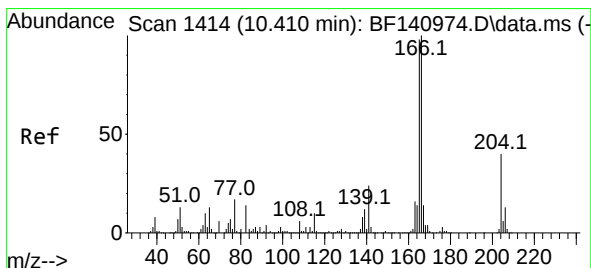
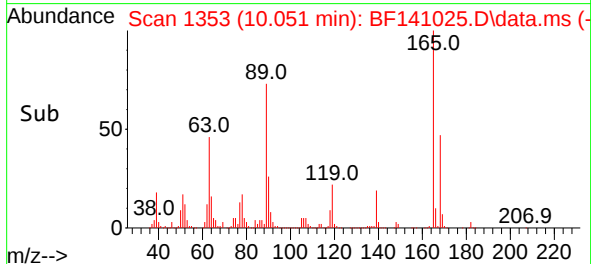
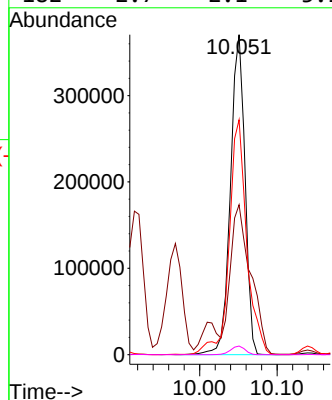
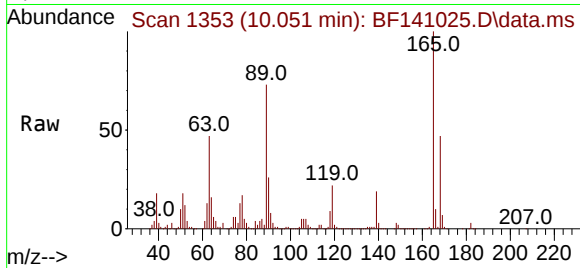




#57
2,4-Dinitrotoluene
Concen: 55.601 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

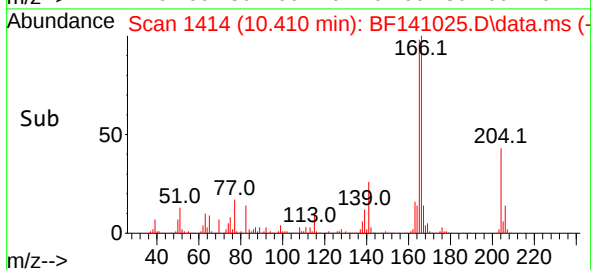
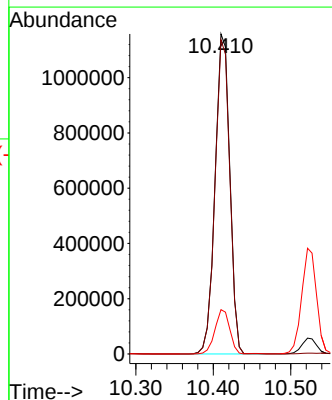
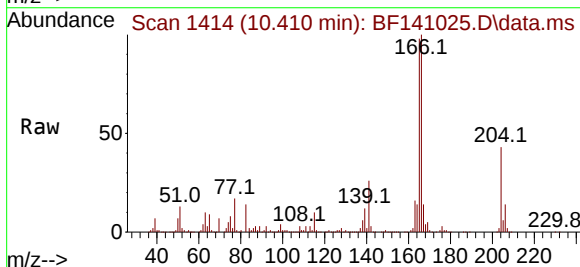
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

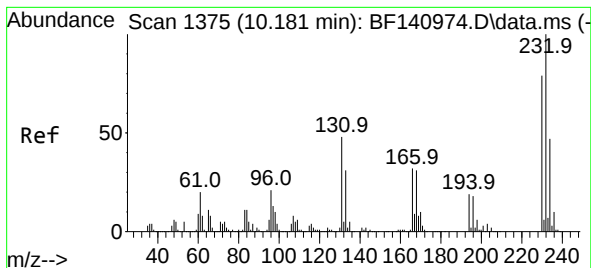
Tgt Ion:165 Resp: 481892
Ion Ratio Lower Upper
165 100
63 46.8 38.1 57.1
89 73.4 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.742 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:166 Resp: 1532689
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 13.8 10.9 16.3



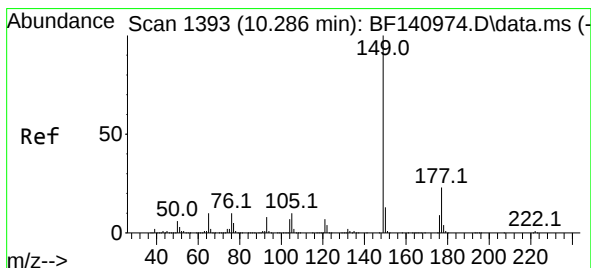
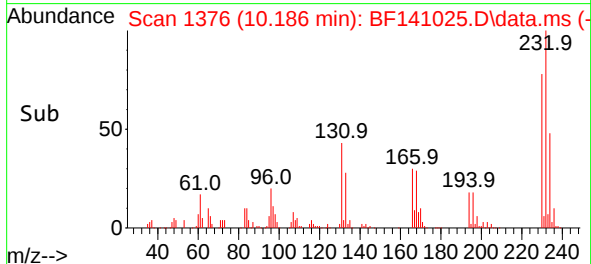
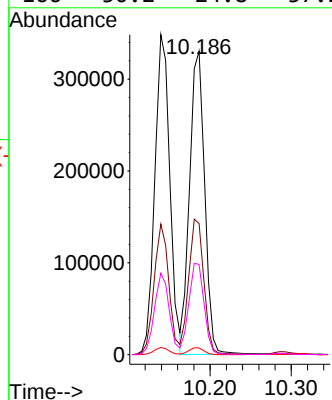
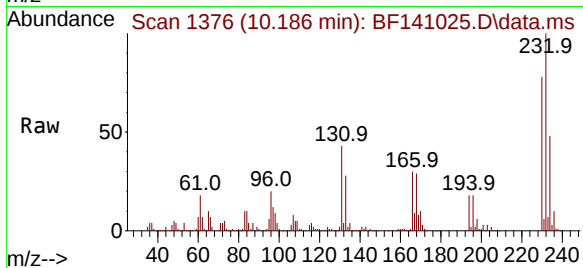


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.996 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion:232 Resp: 428111

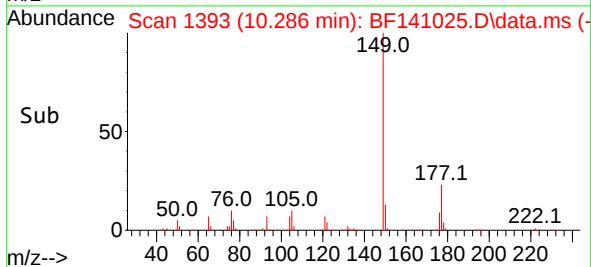
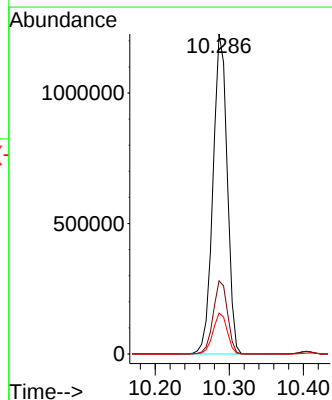
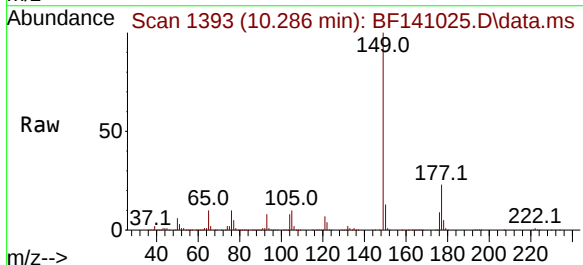
Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.4	56.2
130	2.3	1.8	2.8
166	30.2	24.8	37.2

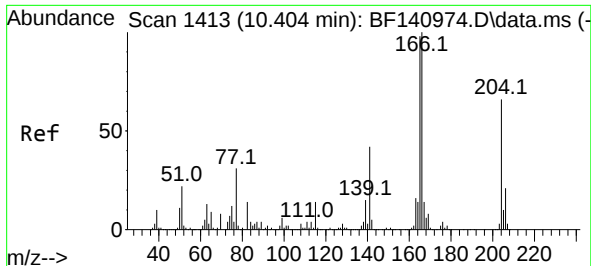


#60
Diethylphthalate
Concen: 48.293 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:149 Resp: 1632678

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.8	10.4	15.6

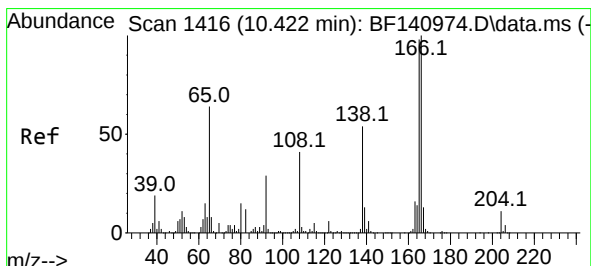
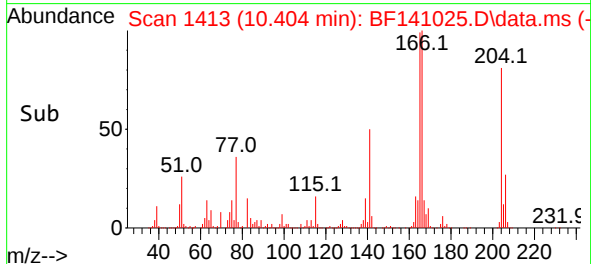
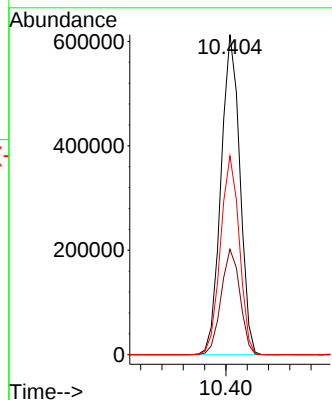
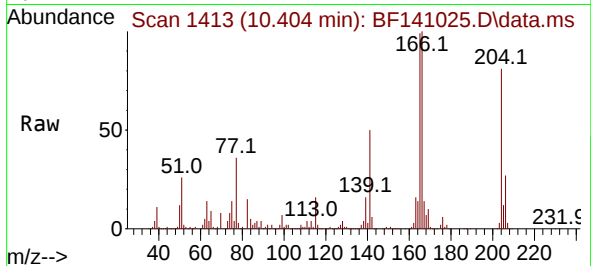




#61
4-Chlorophenyl-phenylether
Concen: 47.667 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

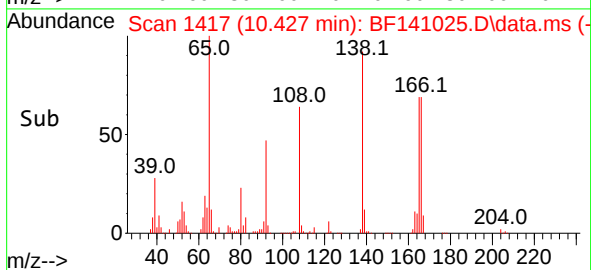
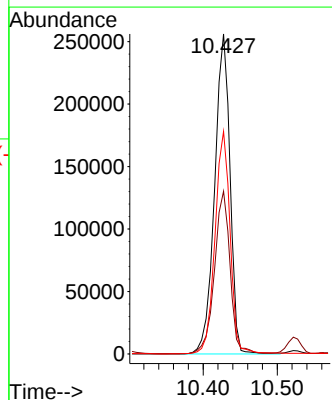
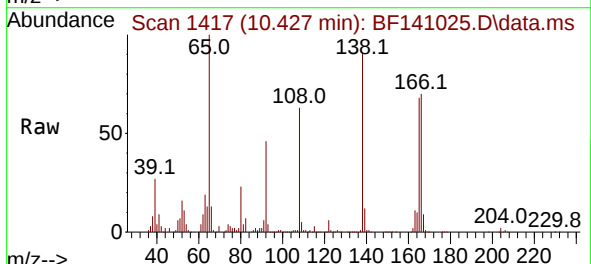
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion:204 Resp: 752092
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.1 51.2 76.8



#62
4-Nitroaniline
Concen: 48.695 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:138 Resp: 369873
Ion Ratio Lower Upper
138 100
92 50.9 34.8 74.8
108 69.5 55.9 95.9

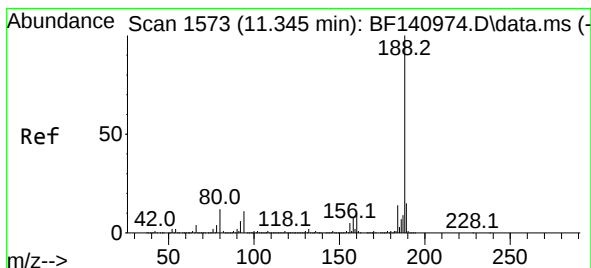
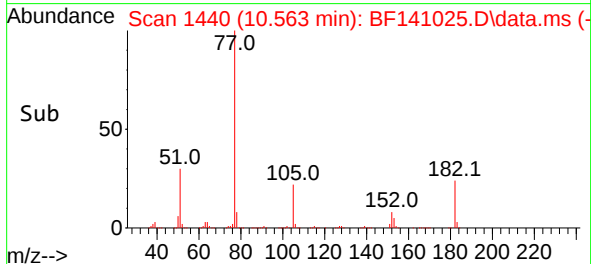
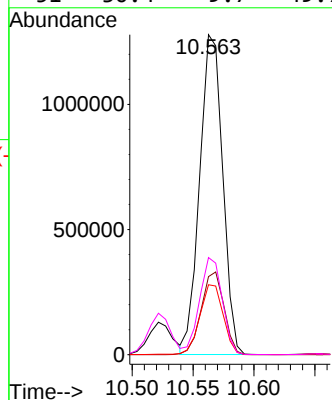
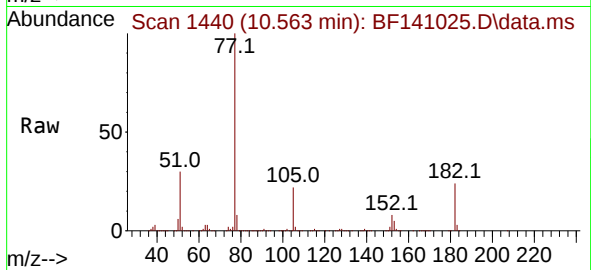




#63
Azobenzene
Concen: 47.312 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

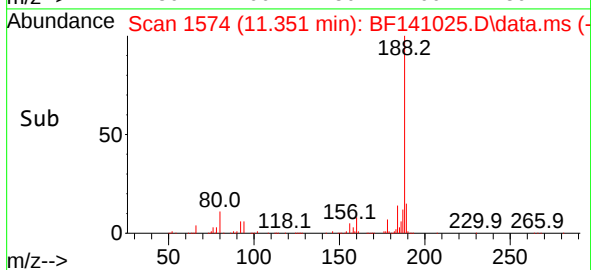
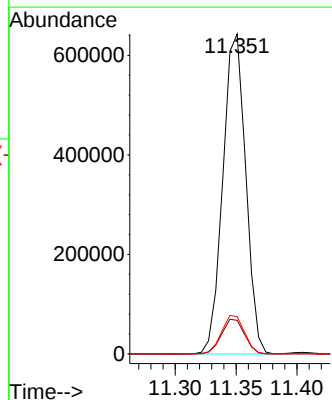
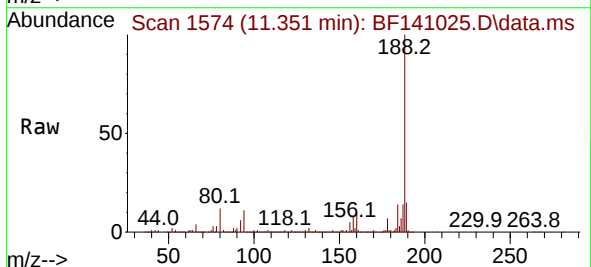
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion: 77 Resp: 1678903
Ion Ratio Lower Upper
77 100
182 24.4 4.1 44.1
105 21.8 1.8 41.8
51 30.4 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: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:188 Resp: 841953
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.7 9.8 14.6

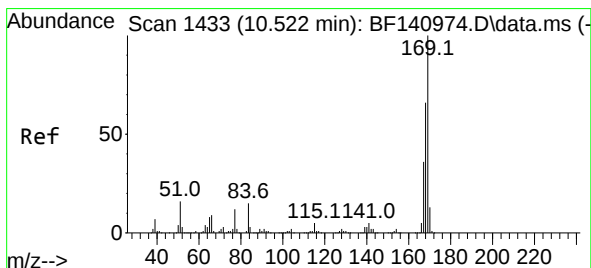
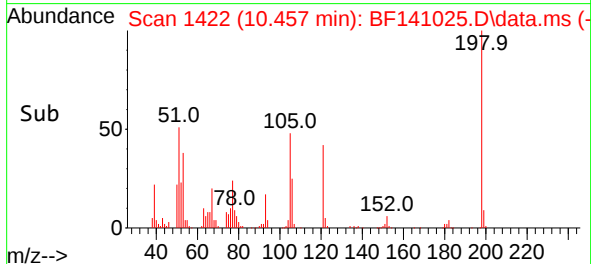
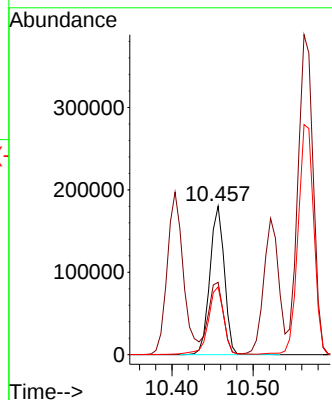
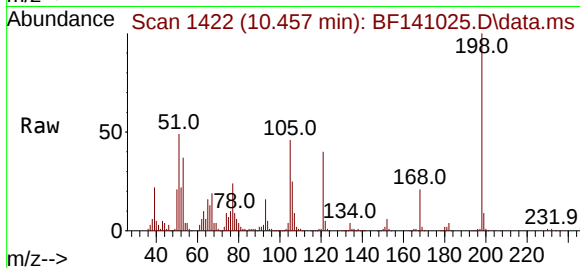




#65
4,6-Dinitro-2-methylphenol
Concen: 62.712 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

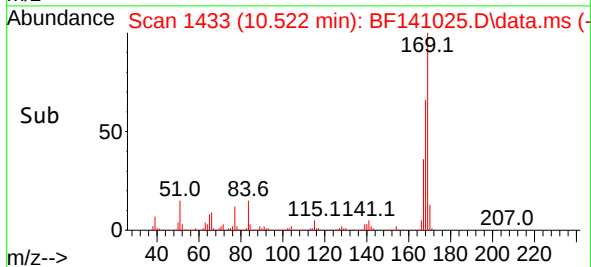
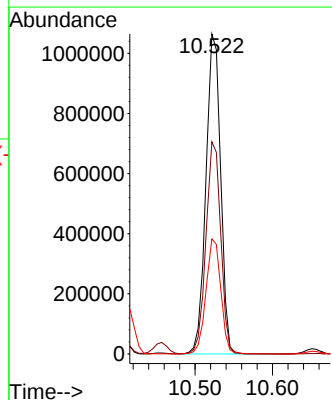
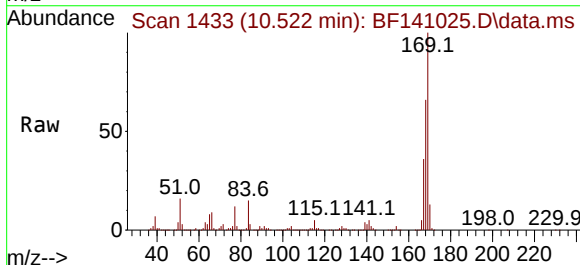
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

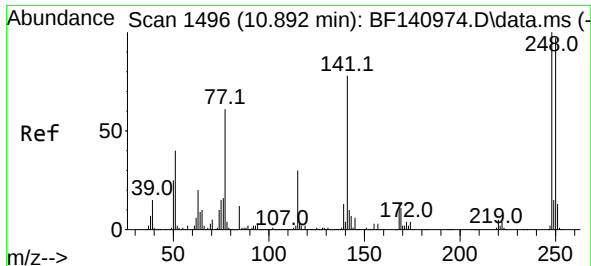
Tgt Ion:198 Resp: 222460
Ion Ratio Lower Upper
198 100
51 48.7 32.3 72.3
105 45.7 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 52.741 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:169 Resp: 1398314
Ion Ratio Lower Upper
169 100
168 66.3 52.6 79.0
167 36.0 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 54.217 ng

RT: 10.898 min Scan# 1496

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

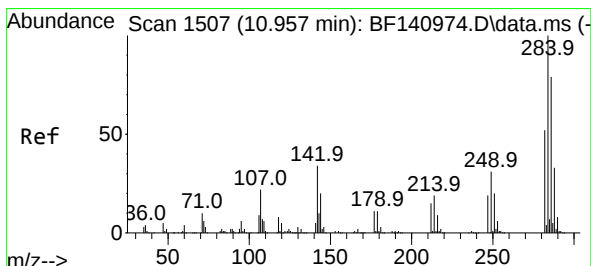
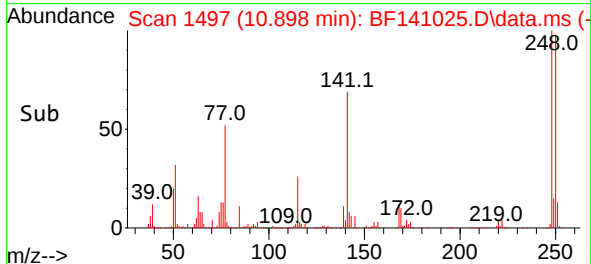
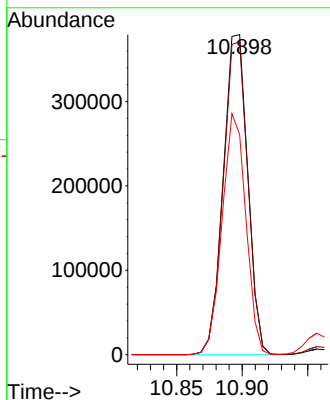
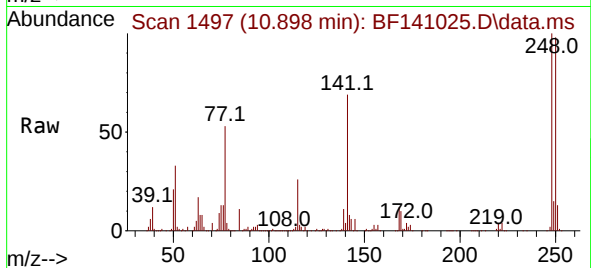
Tgt Ion:248 Resp: 493467

Ion Ratio Lower Upper

248 100

250 97.8 77.7 116.5

141 68.8 62.1 93.1



#68

Hexachlorobenzene

Concen: 51.483 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

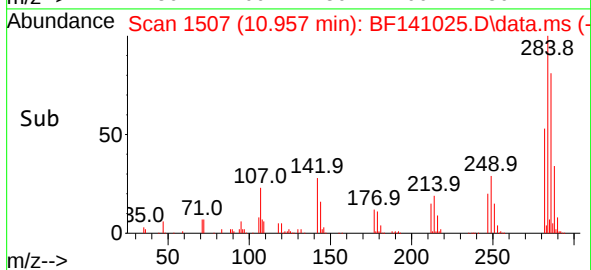
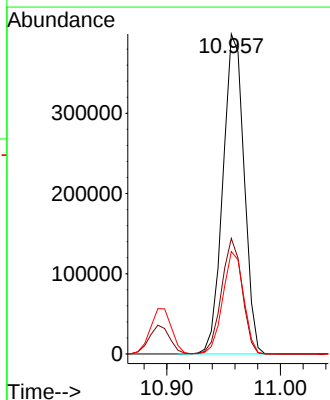
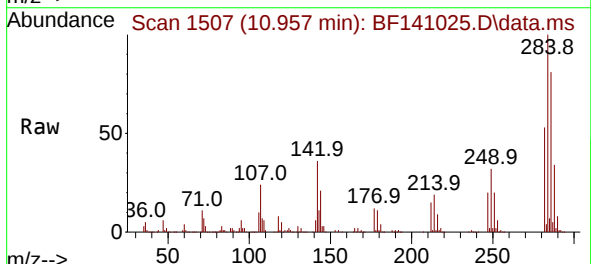
Tgt Ion:284 Resp: 516688

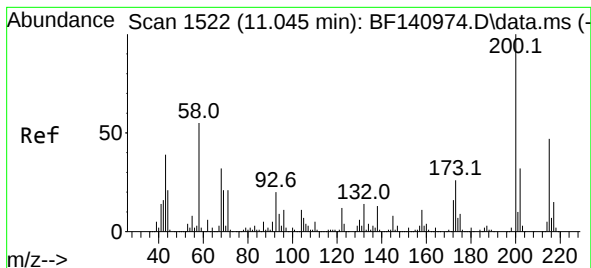
Ion Ratio Lower Upper

284 100

142 36.1 27.1 40.7

249 32.0 25.1 37.7





#69

Atrazine

Concen: 62.820 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

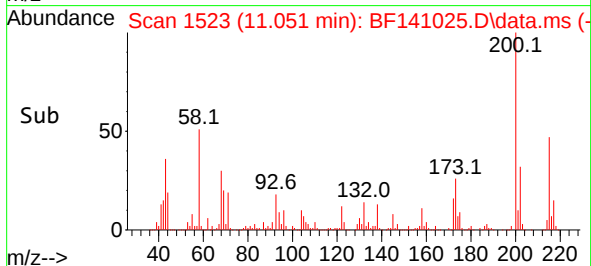
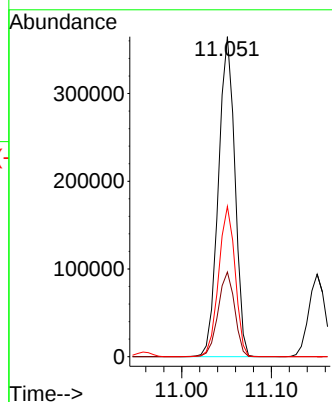
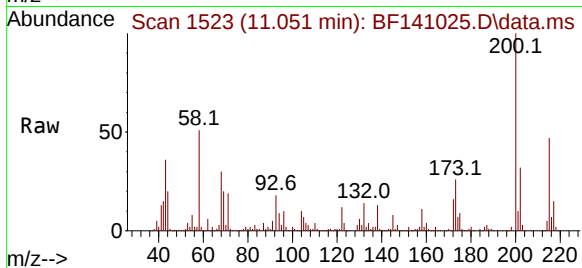
Tgt Ion:200 Resp: 465299

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

215 47.0 27.2 67.2



#70

Pentachlorophenol

Concen: 102.486 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

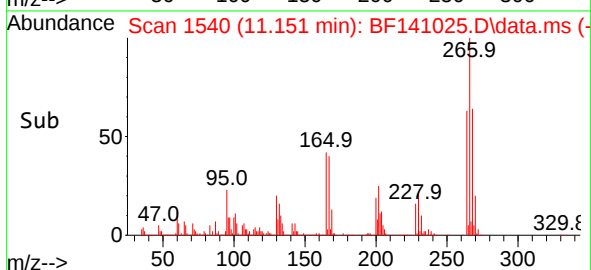
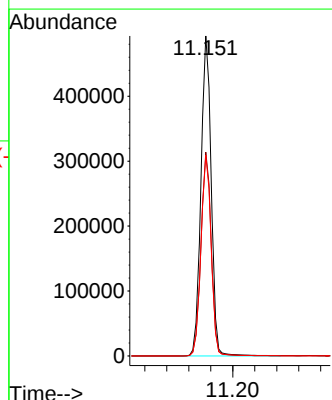
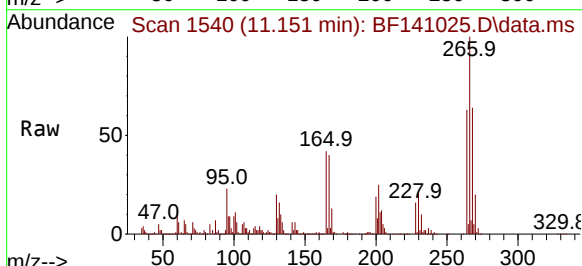
Tgt Ion:266 Resp: 640384

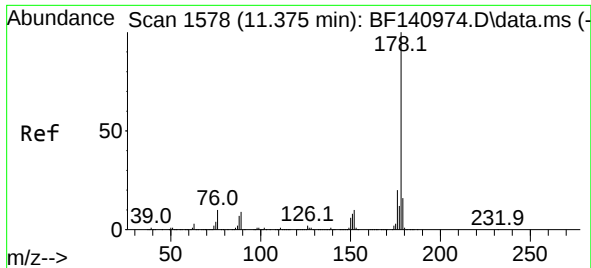
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 62.7 50.2 75.4

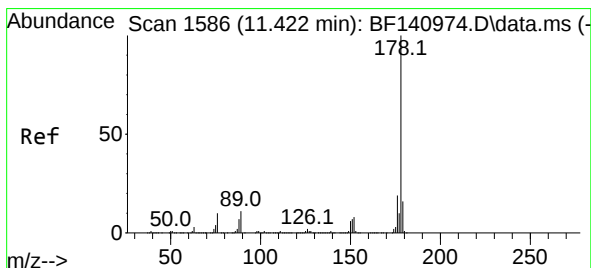
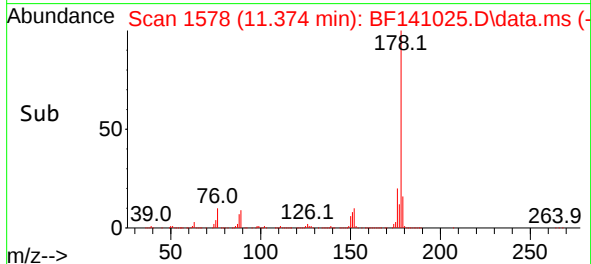
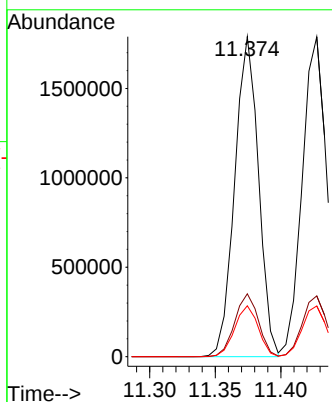
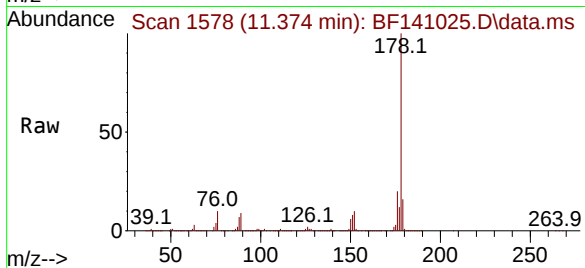




#71
Phenanthrene
Concen: 51.007 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

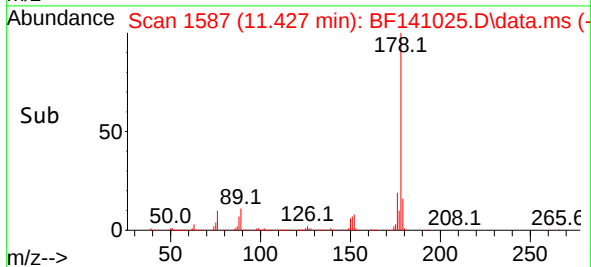
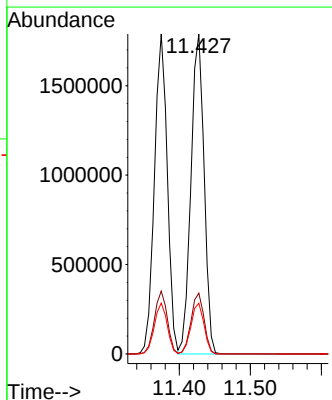
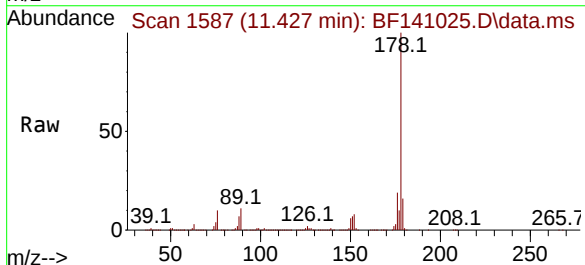
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

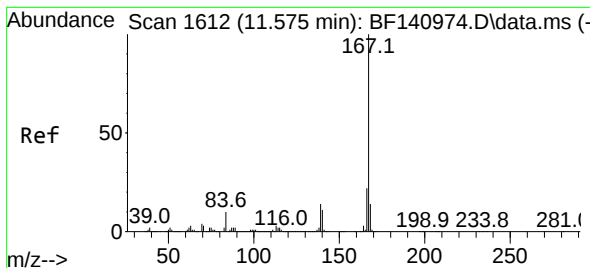
Tgt Ion:178 Resp: 2260275
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.6 19.0



#72
Anthracene
Concen: 52.914 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:178 Resp: 2297599
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.9 19.3





#73

Carbazole

Concen: 47.517 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

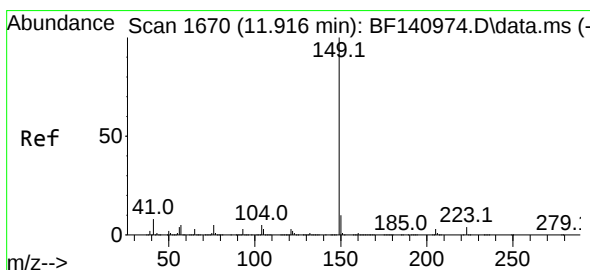
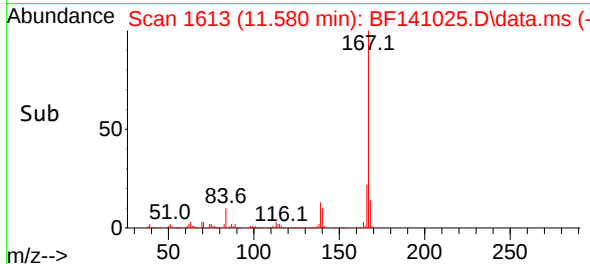
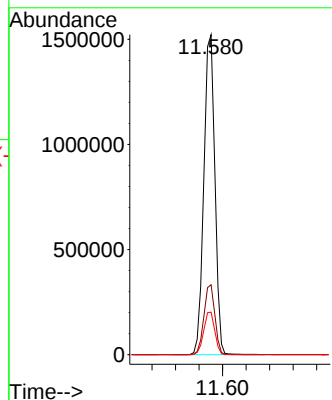
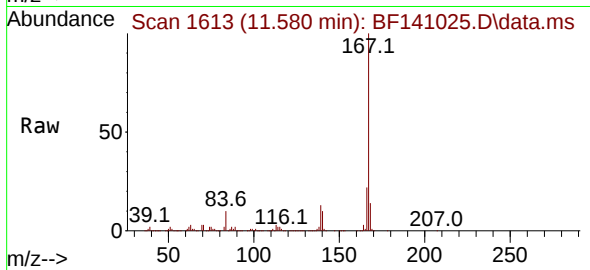
Tgt Ion:167 Resp: 1983423

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.3 11.0 16.4



#74

Di-n-butylphthalate

Concen: 49.361 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

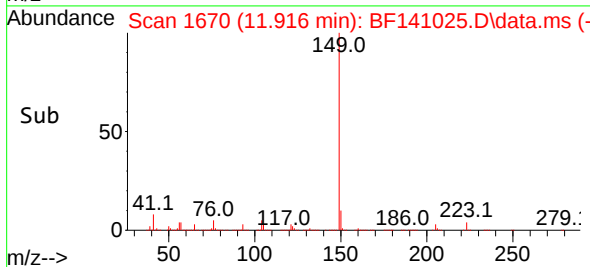
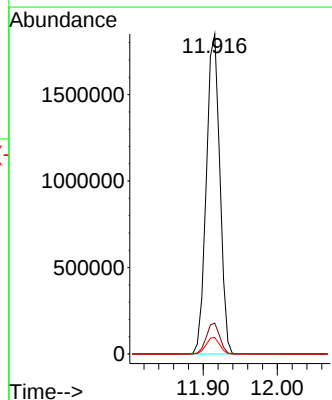
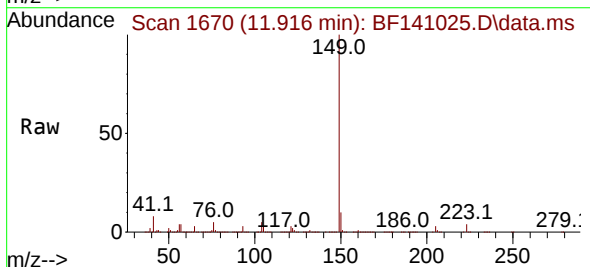
Tgt Ion:149 Resp: 2343513

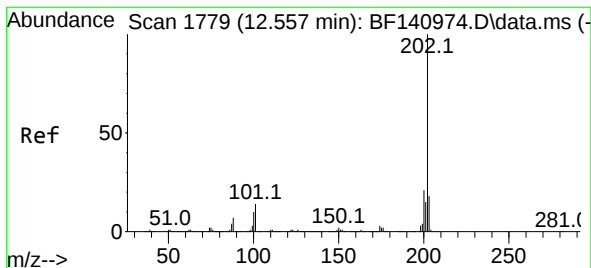
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 45.759 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

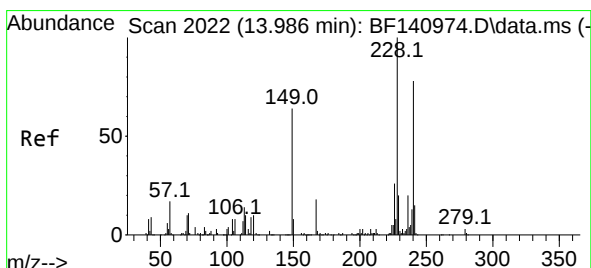
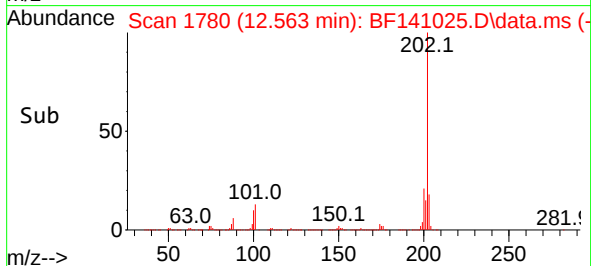
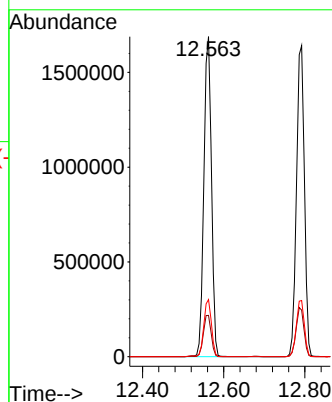
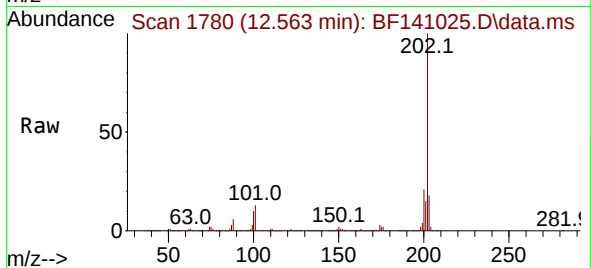
Tgt Ion:202 Resp: 2199170

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.7

203 17.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

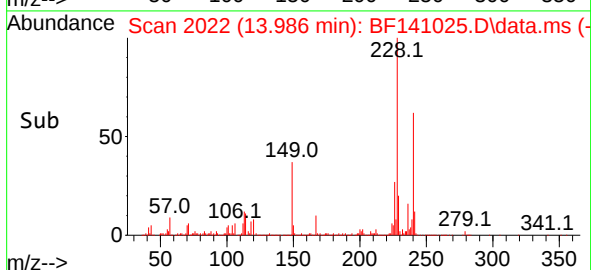
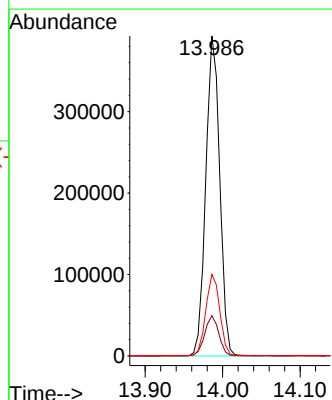
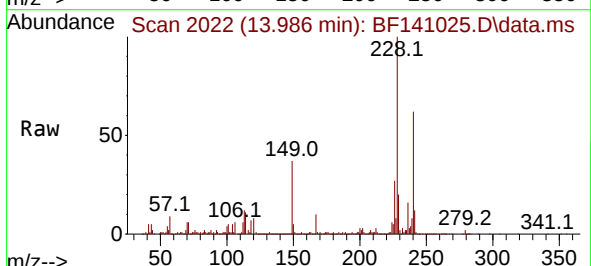
Tgt Ion:240 Resp: 491451

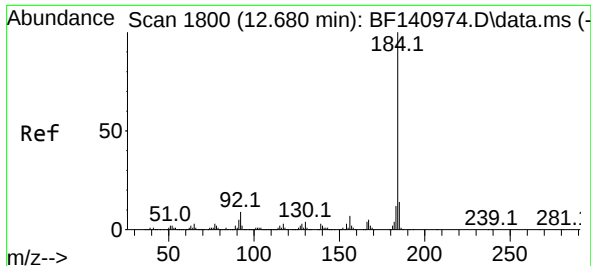
Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

236 25.5 20.6 31.0

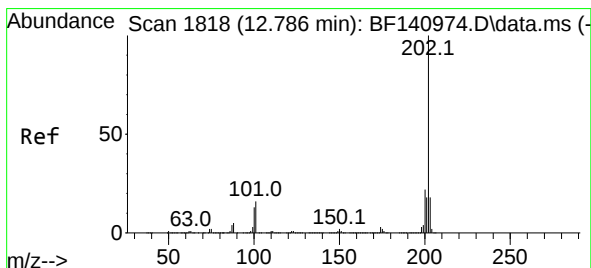
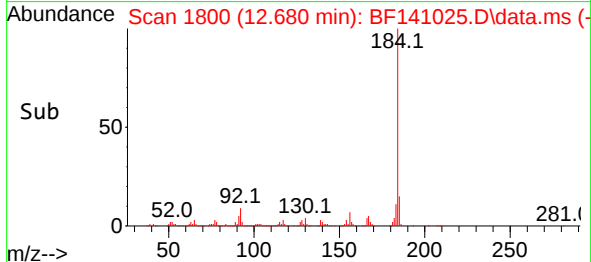
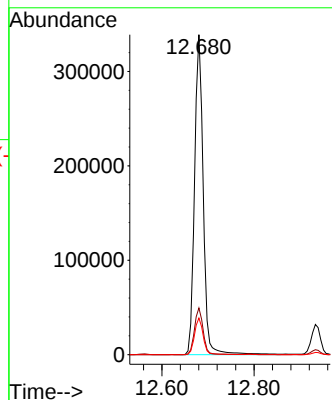
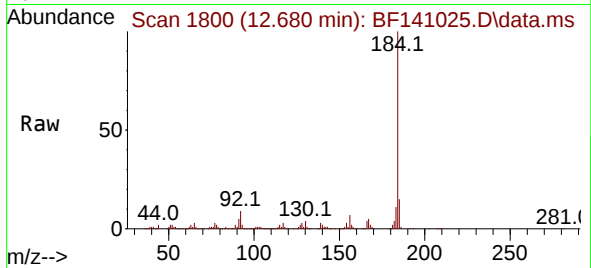




#77
Benzidine
Concen: 42.542 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

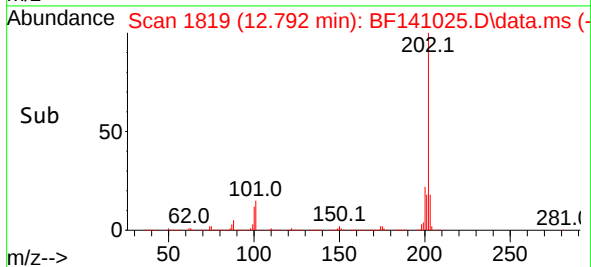
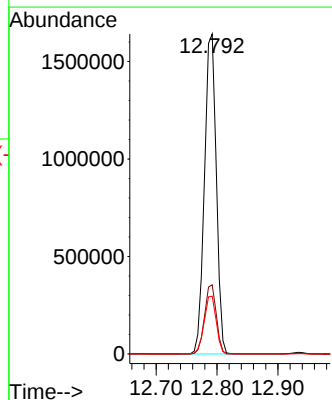
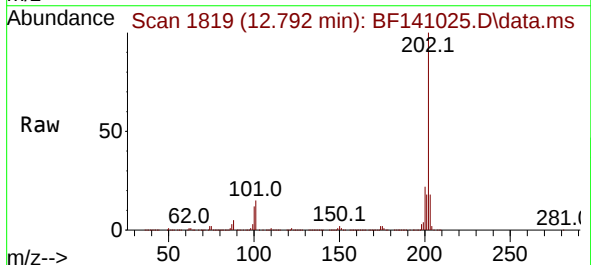
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

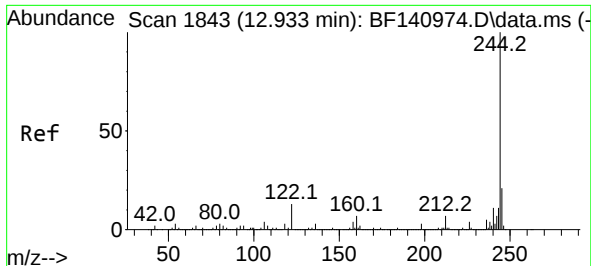
Tgt Ion:184 Resp: 441851
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.4 9.4 14.0



#78
Pyrene
Concen: 51.414 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:202 Resp: 2209854
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.0 14.6 21.8

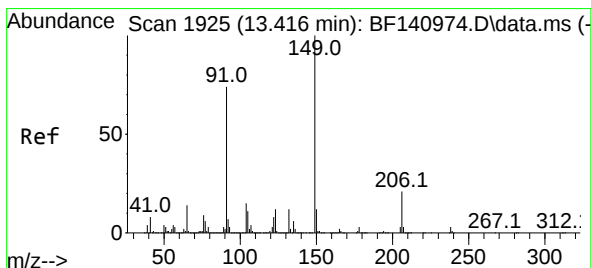
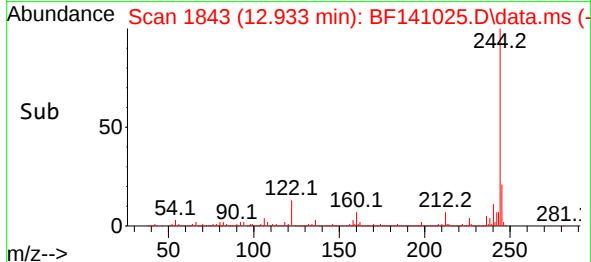
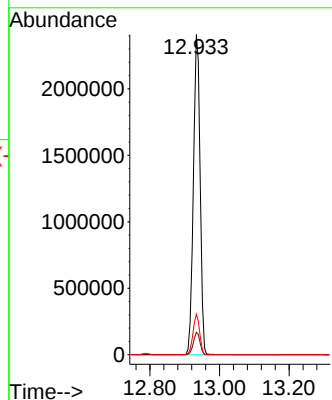
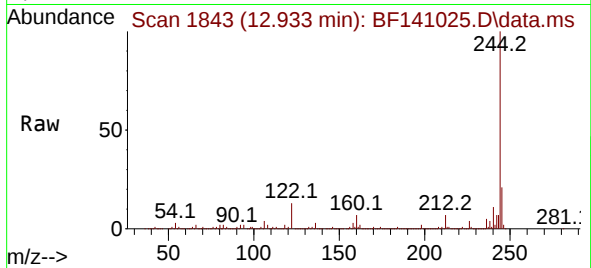




#79
 Terphenyl-d14
 Concen: 108.838 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141025.D
 Acq: 30 Dec 2024 12:03

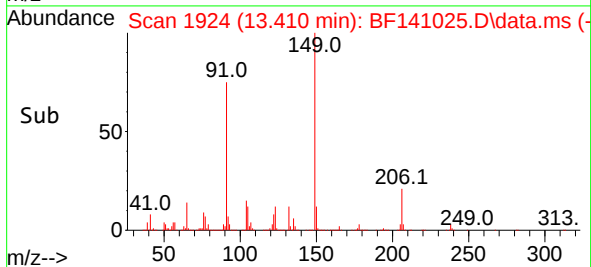
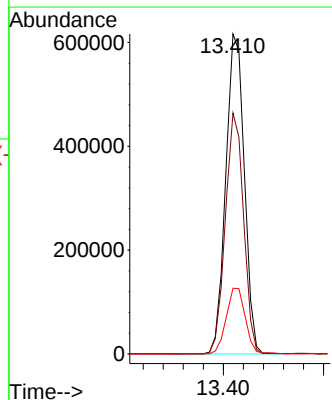
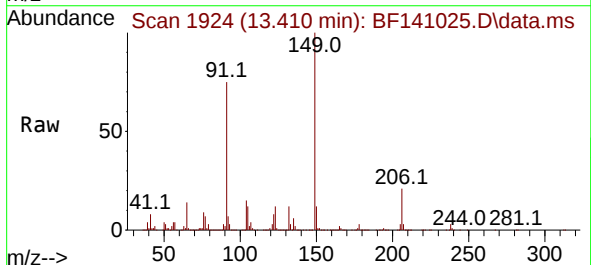
Instrument :
 BNA_F
 ClientSampleId :
 PB165875BSD

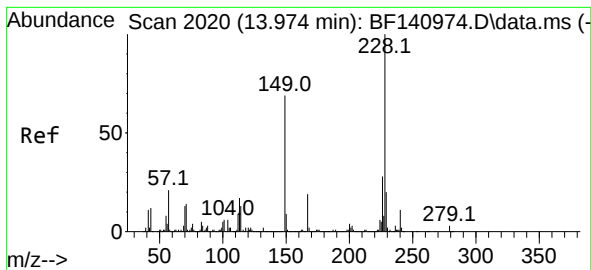
Tgt Ion:244 Resp: 3220264
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.7 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 50.372 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141025.D
 Acq: 30 Dec 2024 12:03

Tgt Ion:149 Resp: 790570
 Ion Ratio Lower Upper
 149 100
 91 75.3 59.5 89.3
 206 20.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 48.556 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

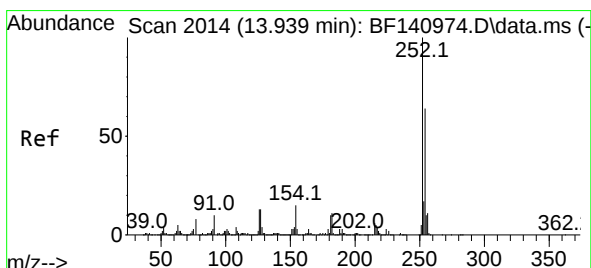
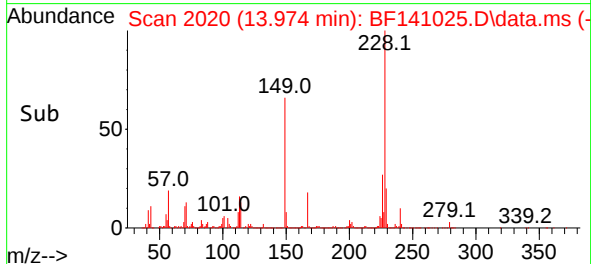
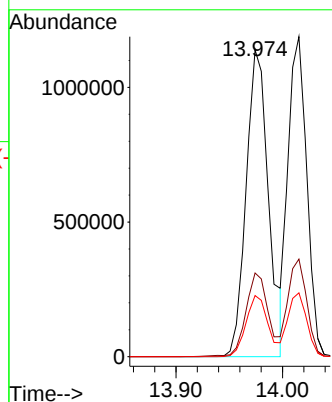
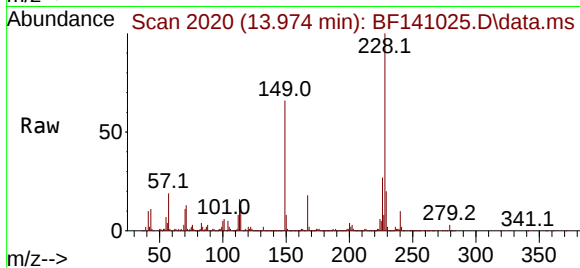
Tgt Ion:228 Resp: 1663117

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 28.096 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

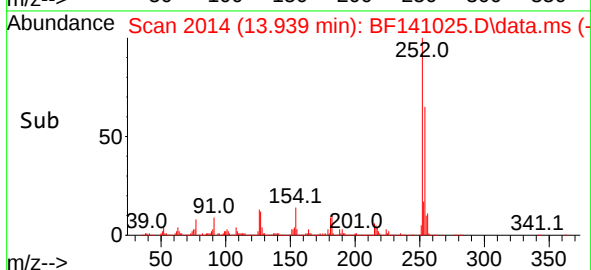
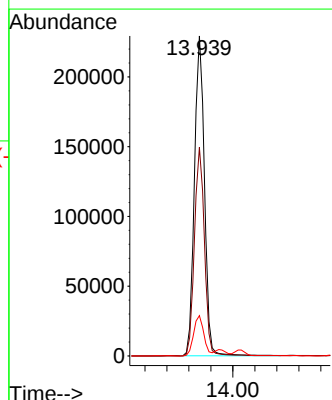
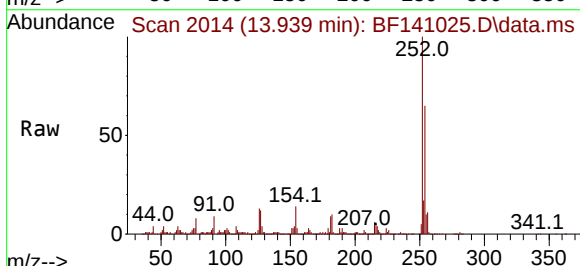
Tgt Ion:252 Resp: 289131

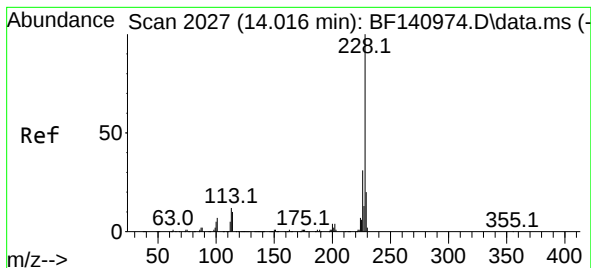
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 12.6 10.3 15.5





#83

Chrysene

Concen: 46.987 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

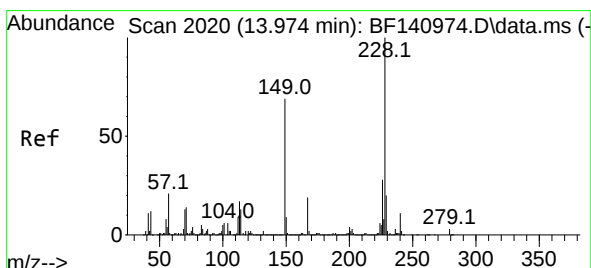
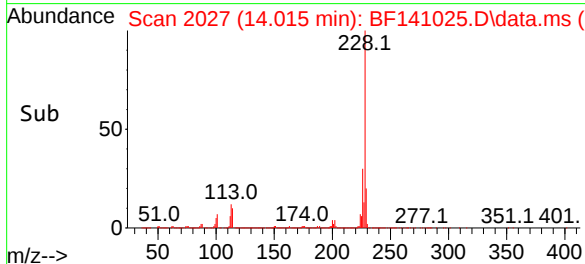
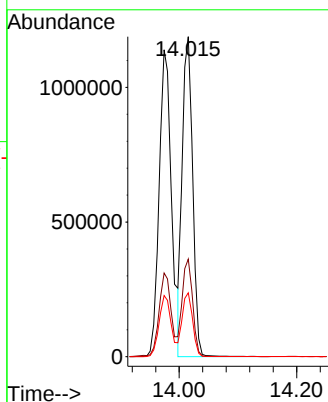
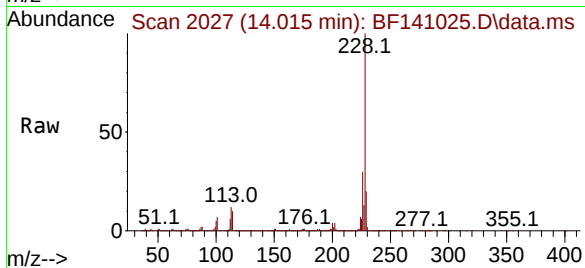
Tgt Ion:228 Resp: 1450791

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: 47.450 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

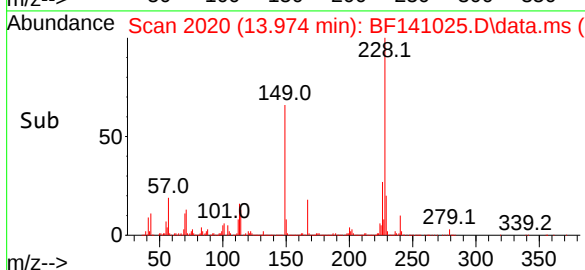
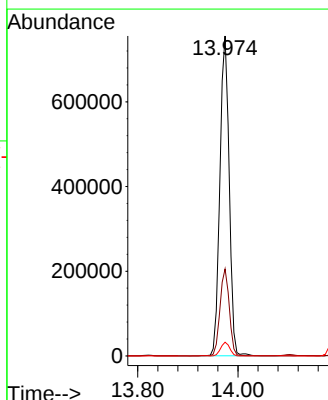
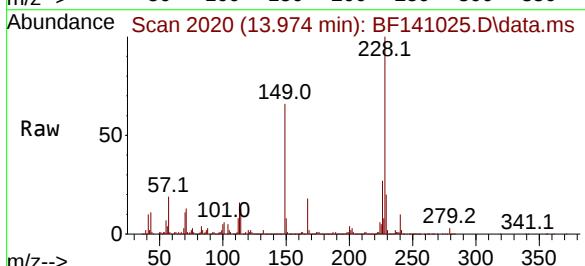
Tgt Ion:149 Resp: 965993

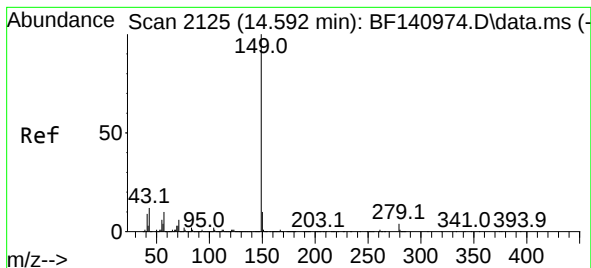
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.743 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

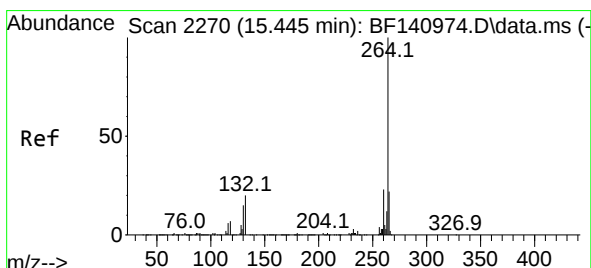
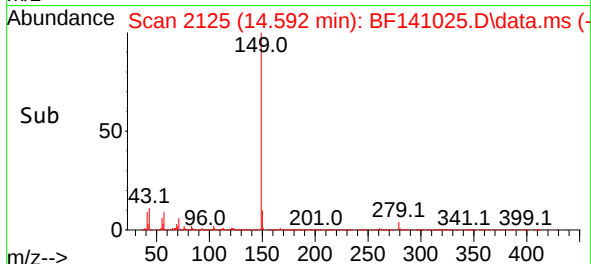
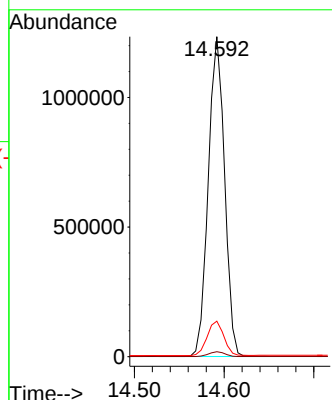
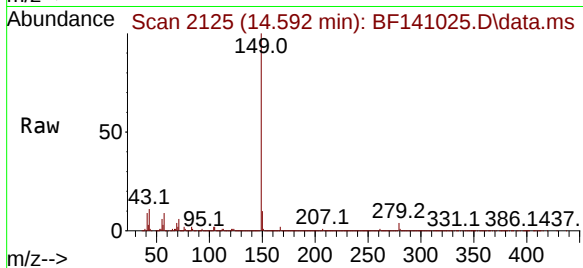
Tgt Ion:149 Resp: 1554089

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

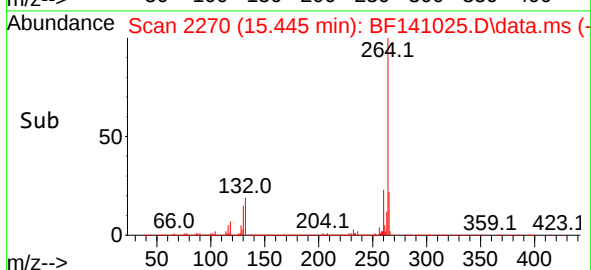
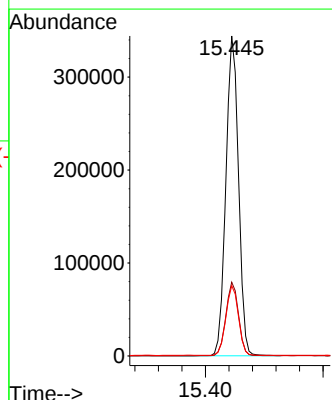
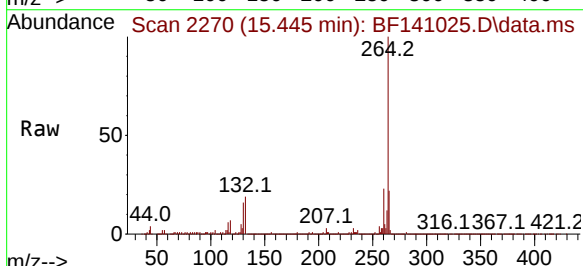
Tgt Ion:264 Resp: 512529

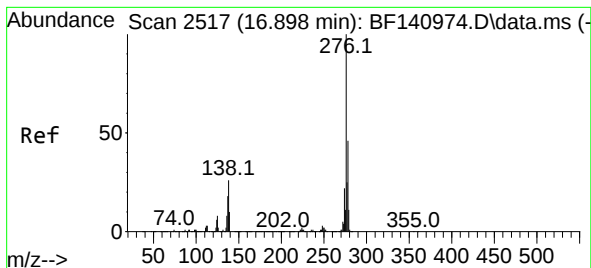
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.408 ng

RT: 16.903 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB165875BSD

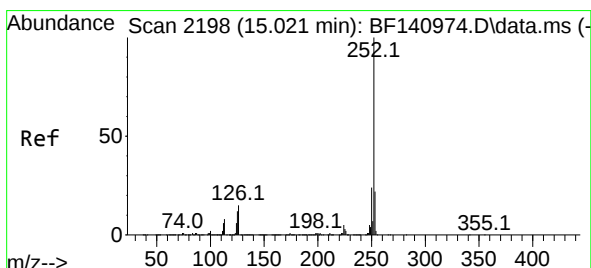
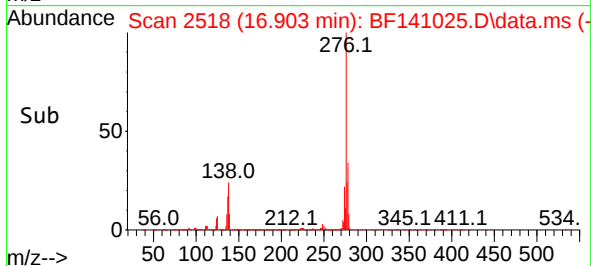
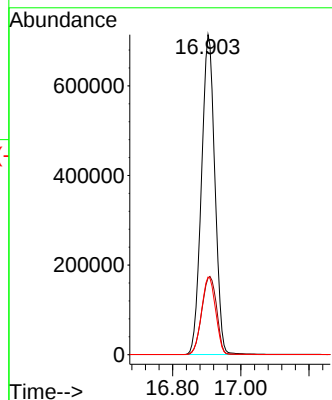
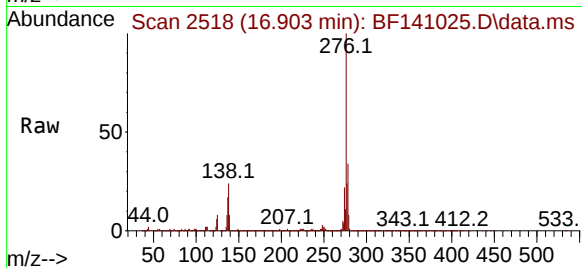
Tgt Ion:276 Resp: 1950592

Ion Ratio Lower Upper

276 100

138 26.9 23.1 34.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.901 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141025.D

Acq: 30 Dec 2024 12:03

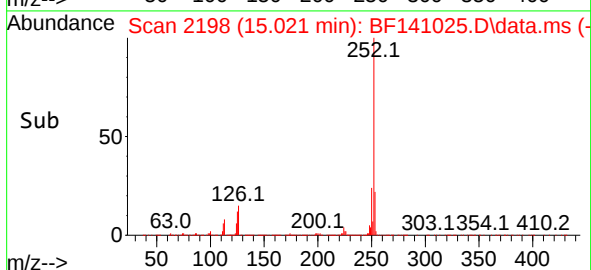
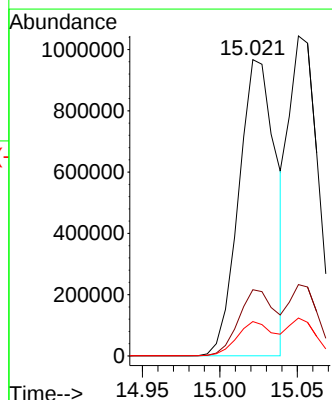
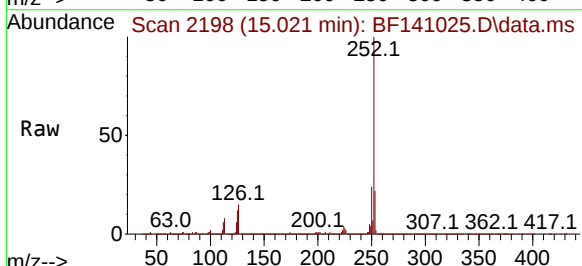
Tgt Ion:252 Resp: 1605018

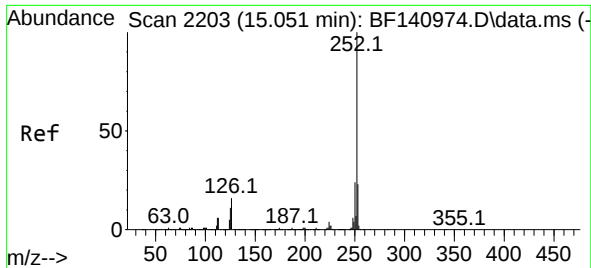
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.6 9.3 13.9

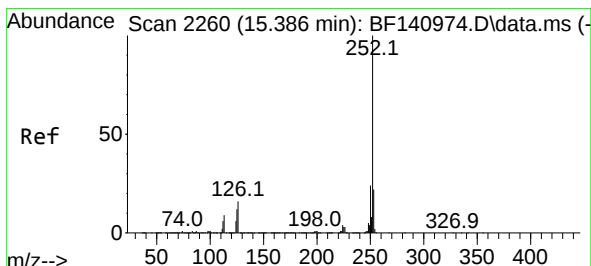
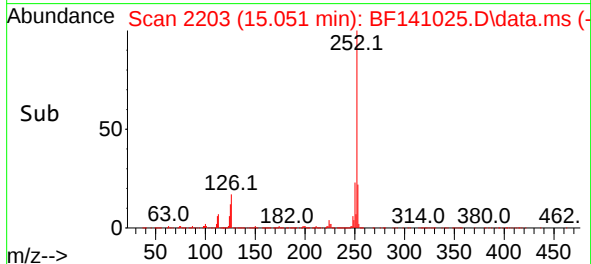
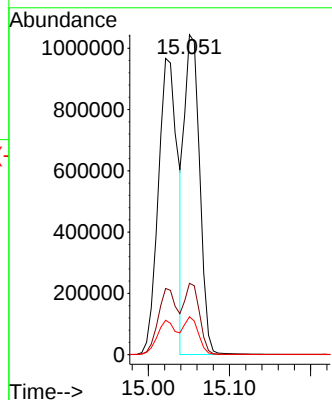
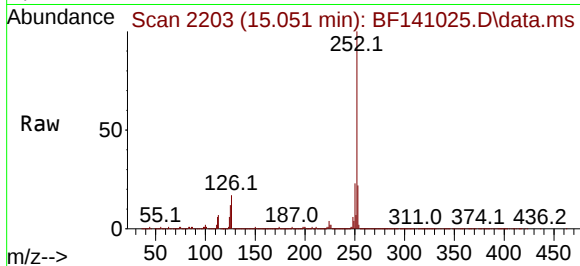




#89
Benzo(k)fluoranthene
Concen: 48.735 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

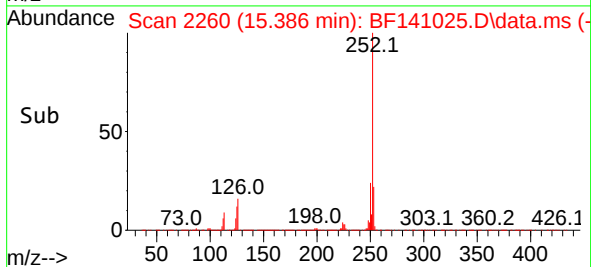
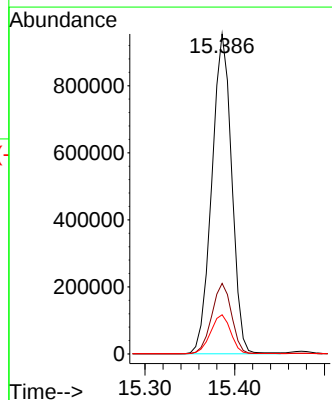
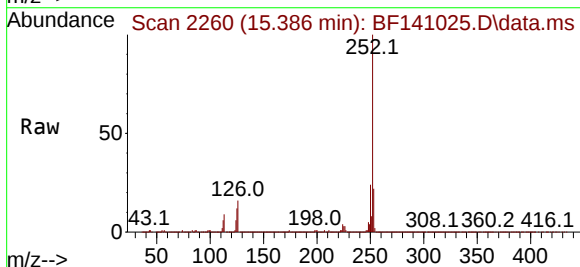
Instrument :
BNA_F
ClientSampleId :
PB165875BSD

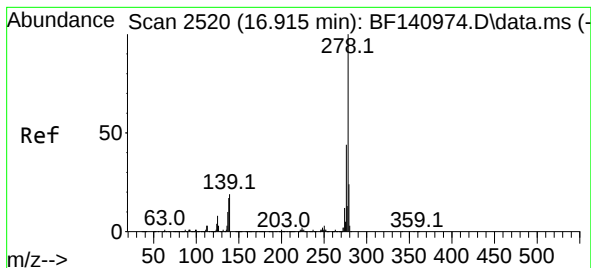
Tgt Ion:252 Resp: 1365386
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.9 9.4 14.0



#90
Benzo(a)pyrene
Concen: 52.868 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:252 Resp: 1466833
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.3 9.8 14.8

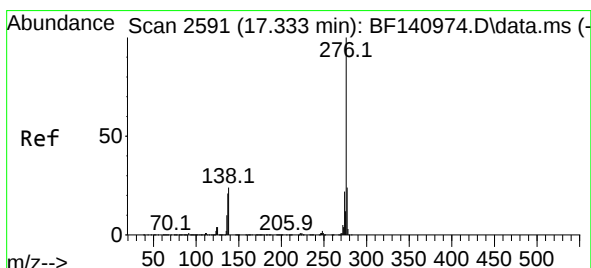
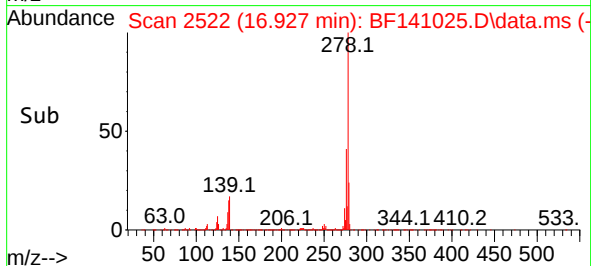
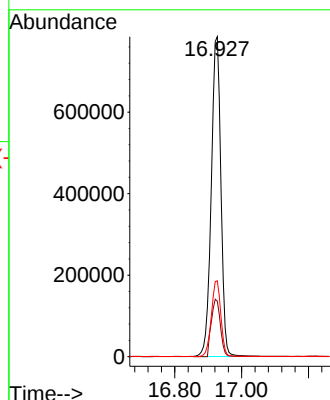
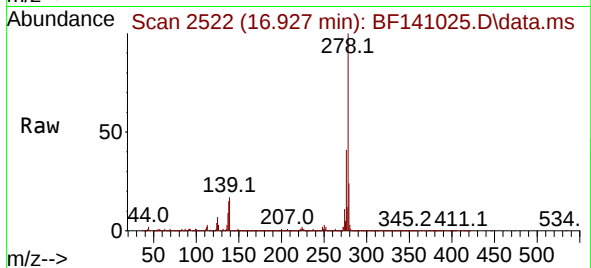




#91
Dibenzo(a,h)anthracene
Concen: 59.981 ng
RT: 16.927 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Tgt Ion:278 Resp: 1569991
Ion Ratio Lower Upper
278 100
139 17.4 14.9 22.3
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.233 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF141025.D
Acq: 30 Dec 2024 12:03

Tgt Ion:276 Resp: 1499490
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 23.5 19.4 29.2

