

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141054.D
 Acq On : 31 Dec 2024 13:09
 Operator : RC/JU
 Sample : P5398-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

Quant Time: Dec 31 13:35:40 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	231983	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	899901	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	448717	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	609963	20.000	ng	0.00
76) Chrysene-d12	13.986	240	489637	20.000	ng	0.00
86) Perylene-d12	15.445	264	436357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1140600	74.114	ng	0.01
7) Phenol-d6	6.451	99	1419314	71.591	ng	0.00
23) Nitrobenzene-d5	7.393	82	881335	62.658	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	336419	77.157	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1560253	55.399	ng	0.00
79) Terphenyl-d14	12.927	244	1273263	43.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	303779	43.600	ng	98
3) Pyridine	3.375	79	795037	46.691	ng	98
4) n-Nitrosodimethylamine	3.322	42	407857	47.275	ng	99
6) Aniline	6.493	93	753403	42.610	ng	99
8) 2-Chlorophenol	6.610	128	834743	51.446	ng	98
9) Benzaldehyde	6.375	77	142831	8.147	ng	97
10) Phenol	6.469	94	1047330	51.089	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	789685	47.708	ng	98
12) 1,3-Dichlorobenzene	6.769	146	851433	47.548	ng	99
13) 1,4-Dichlorobenzene	6.846	146	857063	47.478	ng	100
14) 1,2-Dichlorobenzene	6.998	146	823072	48.903	ng	99
15) Benzyl Alcohol	6.969	79	715330	50.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1212855	48.452	ng	99
17) 2-Methylphenol	7.081	107	659758	48.944	ng	99
18) Hexachloroethane	7.345	117	317161	49.459	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	568242	46.785	ng	98
20) 3+4-Methylphenols	7.234	107	804221	47.145	ng	# 81
22) Acetophenone	7.240	105	1044104	47.296	ng	98
24) Nitrobenzene	7.410	77	844991	53.763	ng	95
25) Isophorone	7.651	82	1548729	50.599	ng	100
26) 2-Nitrophenol	7.728	139	421009	63.446	ng	98
27) 2,4-Dimethylphenol	7.763	122	660277	59.026	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	944332	48.695	ng	99
29) 2,4-Dichlorophenol	7.963	162	650979	51.311	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	674376	46.963	ng	99
31) Naphthalene	8.134	128	2253555	47.524	ng	100
32) Benzoic acid	7.875	122	520249	55.150	ng	97
33) 4-Chloroaniline	8.175	127	320443	18.679	ng	99
34) Hexachlorobutadiene	8.251	225	416754	49.230	ng	99
35) Caprolactam	8.545	113	216202m	50.128	ng	
36) 4-Chloro-3-methylphenol	8.657	107	684939	48.613	ng	98
37) 2-Methylnaphthalene	8.822	142	1461252	48.169	ng	100
38) 1-Methylnaphthalene	8.922	142	1353169	45.388	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	661559	53.590	ng	99
41) Hexachlorocyclopentadiene	8.975	237	545350	133.308	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	455257	55.410	ng	99

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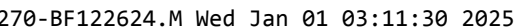
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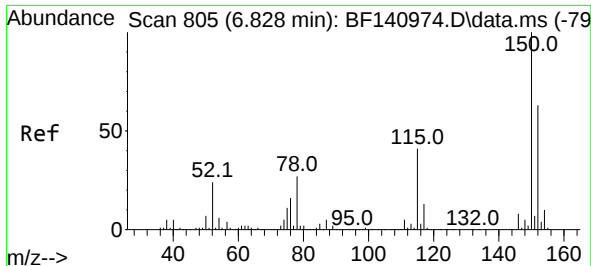
Quant Time: Dec 31 13:35:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	446056	53.060	ng	99
46) 1,1'-Biphenyl	9.287	154	1769941	51.515	ng	100
47) 2-Chloronaphthalene	9.310	162	1310572	49.183	ng	99
48) 2-Nitroaniline	9.404	65	417615	58.755	ng	93
49) Acenaphthylene	9.728	152	1986431	51.784	ng	100
50) Dimethylphthalate	9.586	163	1576425	53.411	ng	100
51) 2,6-Dinitrotoluene	9.645	165	340853	55.971	ng	95
52) Acenaphthene	9.898	154	1401770	54.054	ng	99
53) 3-Nitroaniline	9.810	138	256199	39.742	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	271932	101.078	ng	# 1
55) Dibenzofuran	10.069	168	1768095	48.514	ng	99
56) 4-Nitrophenol	9.969	139	503257	99.679	ng	94
57) 2,4-Dinitrotoluene	10.045	165	432207	57.678	ng	96
58) Fluorene	10.410	166	1288587	45.596	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	359038	51.569	ng	97
60) Diethylphthalate	10.286	149	1465873	50.307	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	651006	47.873	ng	98
62) 4-Nitroaniline	10.422	138	284238	43.781	ng	94
63) Azobenzene	10.563	77	1573251	51.440	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	181596	69.479	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1179832	61.425	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	403257	61.157	ng	98
68) Hexachlorobenzene	10.957	284	407937	56.107	ng	99
69) Atrazine	11.051	200	375485	69.975	ng	100
70) Pentachlorophenol	11.151	266	488061	107.816	ng	99
71) Phenanthrene	11.375	178	1747304	54.428	ng	100
72) Anthracene	11.422	178	1763875	56.073	ng	99
73) Carbazole	11.575	167	1492558	49.357	ng	100
74) Di-n-butylphthalate	11.910	149	1881936	54.715	ng	100
75) Fluoranthene	12.557	202	1799157	51.674	ng	99
77) Benzidine	12.680	184	619470	59.864	ng	99
78) Pyrene	12.786	202	1848227	43.160	ng	100
80) Butylbenzylphthalate	13.410	149	731002	46.749	ng	100
81) Benzo(a)anthracene	13.974	228	1758837	51.541	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	461749	45.037	ng	99
83) Chrysene	14.016	228	1565163	50.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	955978	47.132	ng	99
85) Di-n-octyl phthalate	14.586	149	1798691	61.270	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1261588	45.890	ng	97
88) Benzo(b)fluoranthene	15.021	252	1803285	59.254	ng	99
89) Benzo(k)fluoranthene	15.051	252	1334863	55.963	ng	99
90) Benzo(a)pyrene	15.386	252	1408440	59.625	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1004607	45.080	ng	99
92) Benzo(g,h,i)perylene	17.339	276	914037	39.546	ng	98

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

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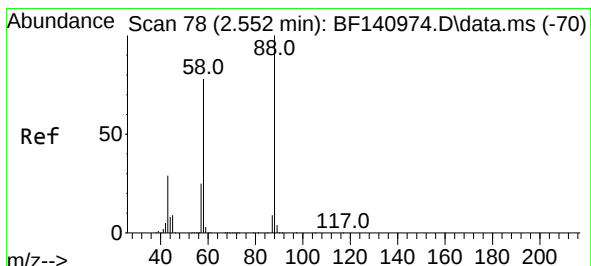
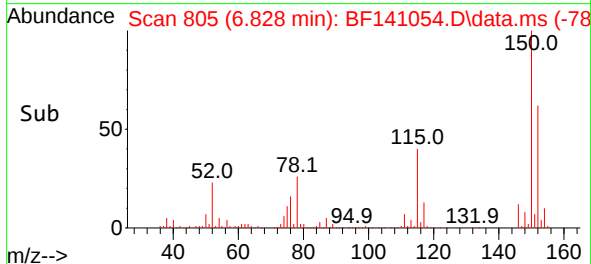
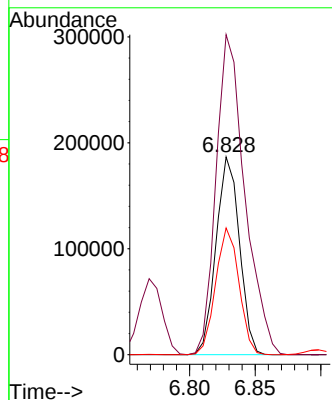
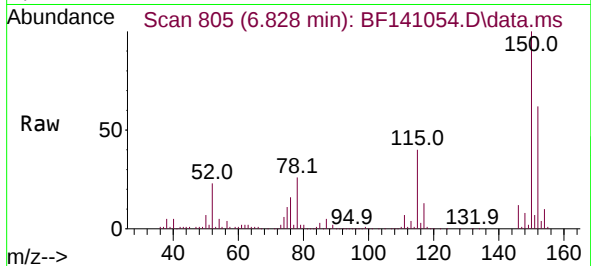




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

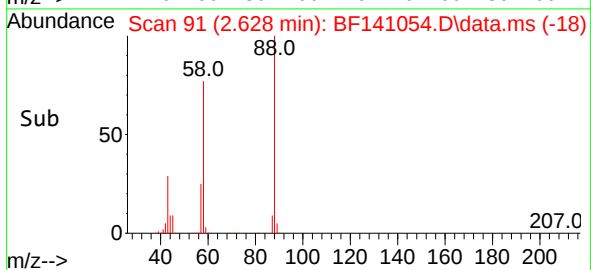
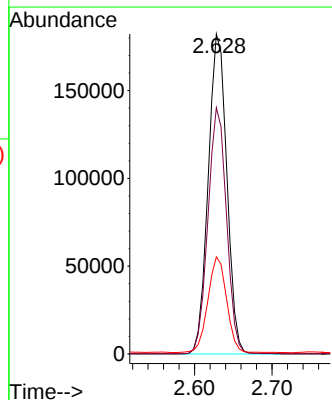
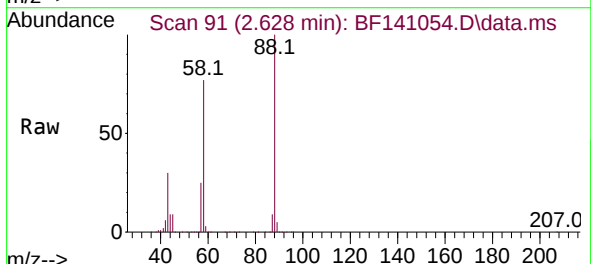
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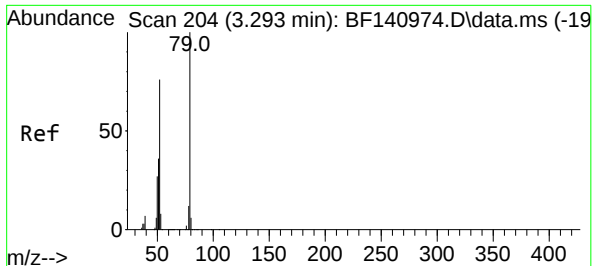
Tgt Ion:152 Resp: 231983
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.0 190.6
 115 64.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 43.600 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.077 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

Tgt Ion: 88 Resp: 303779
 Ion Ratio Lower Upper
 88 100
 58 76.6 63.0 94.4
 43 30.3 23.4 35.2

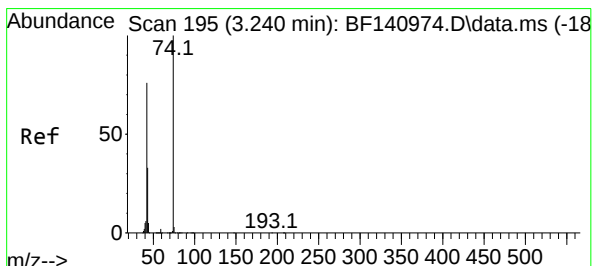
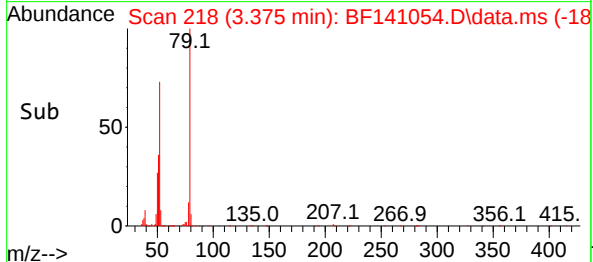
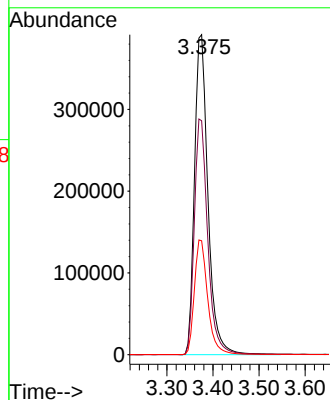
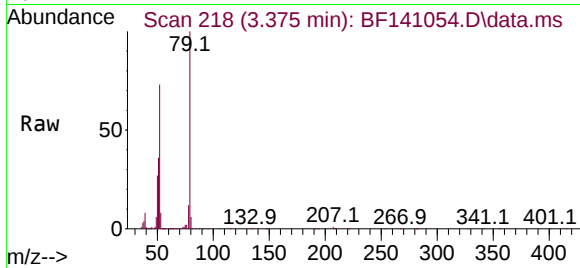




#3
Pyridine
Concen: 46.691 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

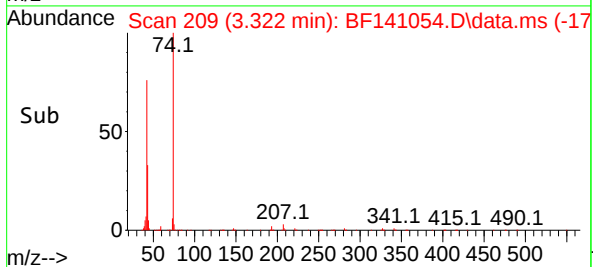
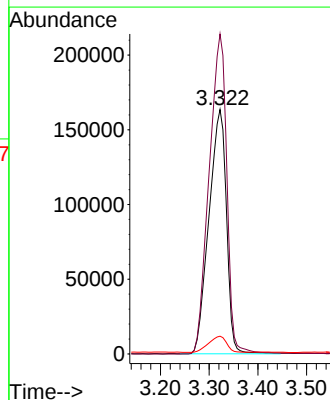
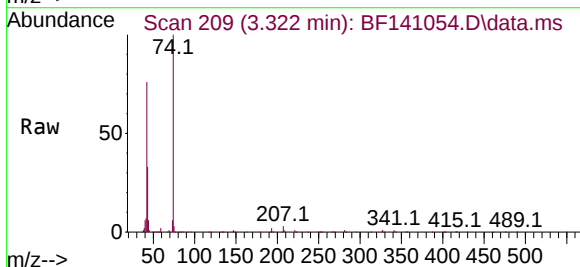
Instrument :
BNA_F
ClientSampleId :
341-349MS

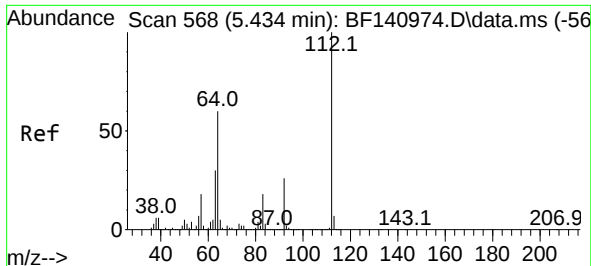
Tgt Ion: 79 Resp: 795037
Ion Ratio Lower Upper
79 100
52 73.1 60.4 90.6
51 35.6 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.275 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 42 Resp: 407857
Ion Ratio Lower Upper
42 100
74 130.9 105.8 158.6
44 7.2 6.6 10.0

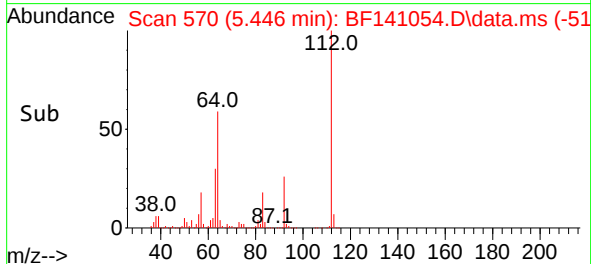
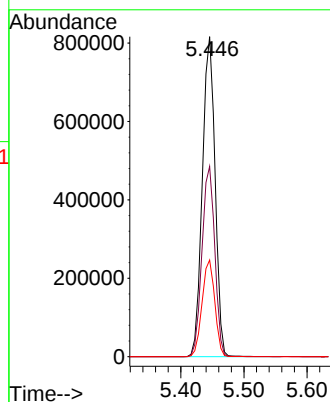
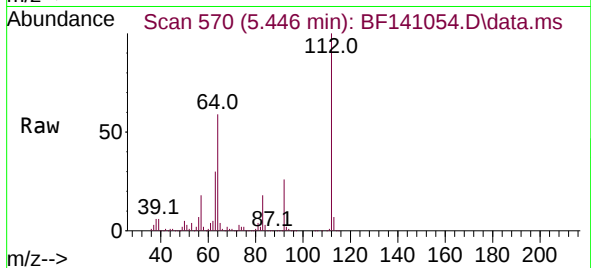




#5
2-Fluorophenol
Concen: 74.114 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

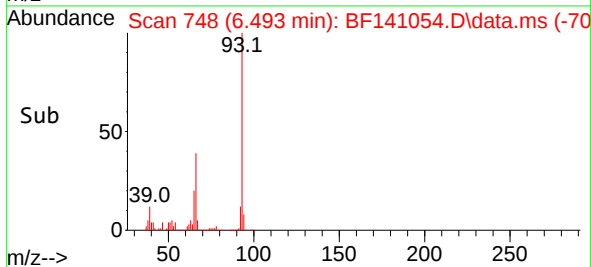
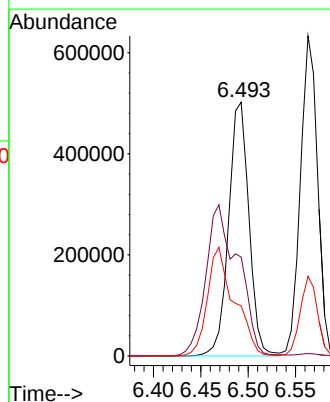
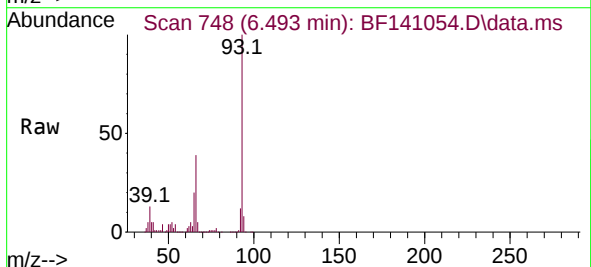
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:112 Resp: 1140600
Ion Ratio Lower Upper
112 100
64 59.4 47.7 71.5
63 30.2 24.2 36.2



#6
Aniline
Concen: 42.610 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 93 Resp: 753403
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.8
65 19.7 15.4 23.0

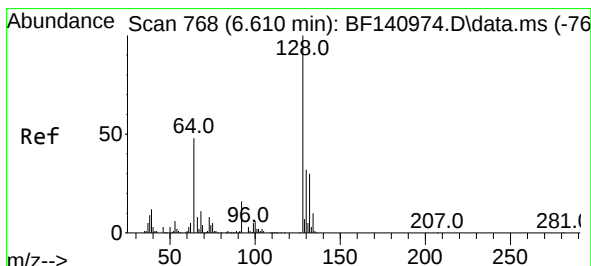
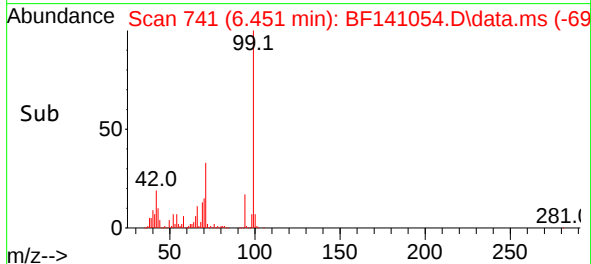
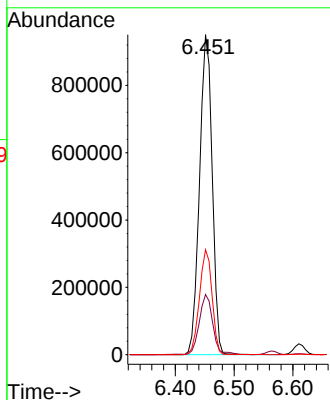
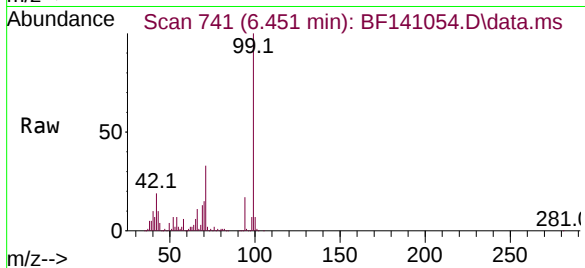




#7
Phenol-d6
Concen: 71.591 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

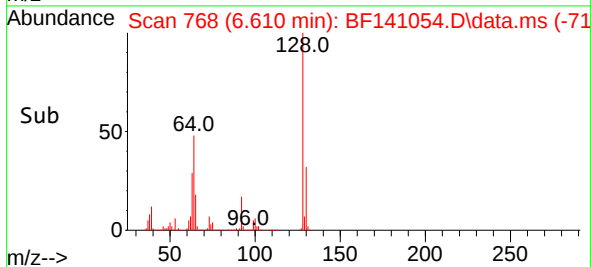
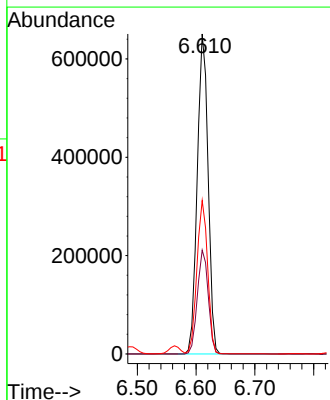
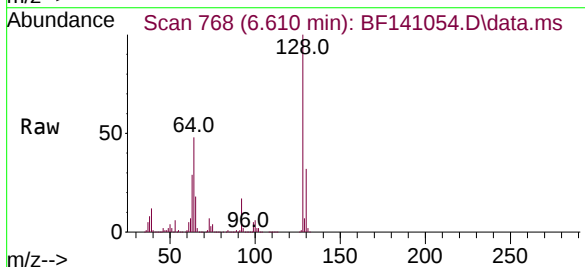
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion: 99 Resp: 1419314
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 32.8 26.2 39.2



#8
2-Chlorophenol
Concen: 51.446 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:128 Resp: 834743
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 48.0 30.3 70.3

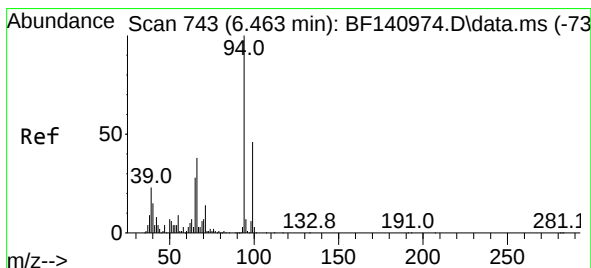
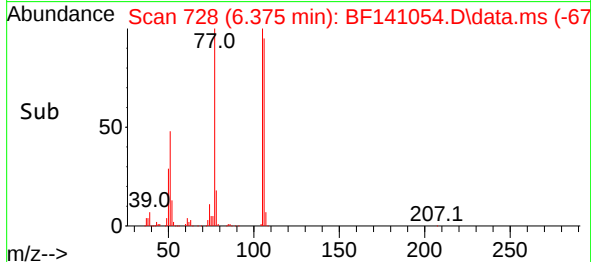
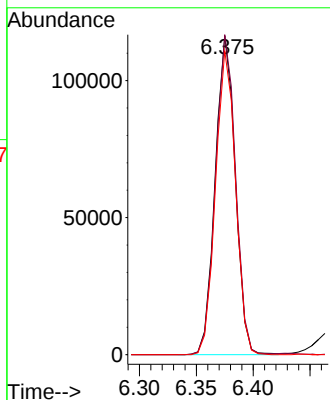
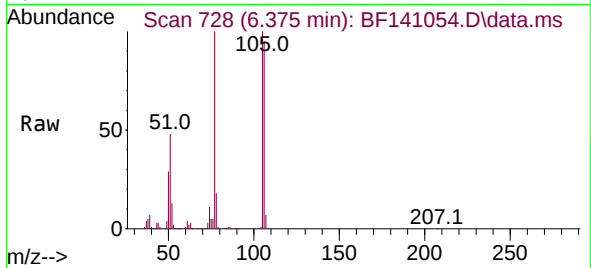




#9
Benzaldehyde
Concen: 8.147 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

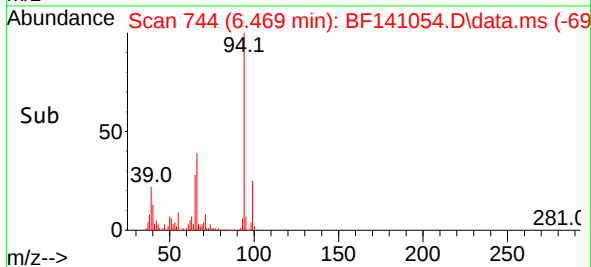
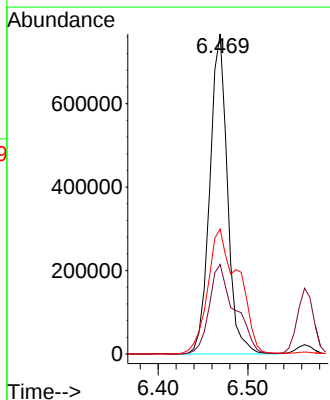
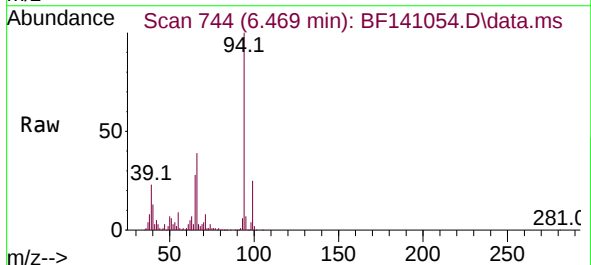
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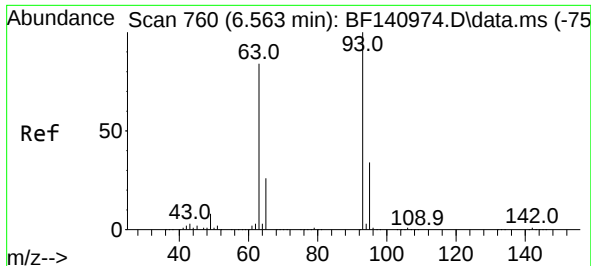
Tgt Ion: 77 Resp: 142831
Ion Ratio Lower Upper
77 100
105 100.4 76.2 116.2
106 95.3 73.4 113.4



#10
Phenol
Concen: 51.089 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 94 Resp: 1047330
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 39.0 18.7 58.7

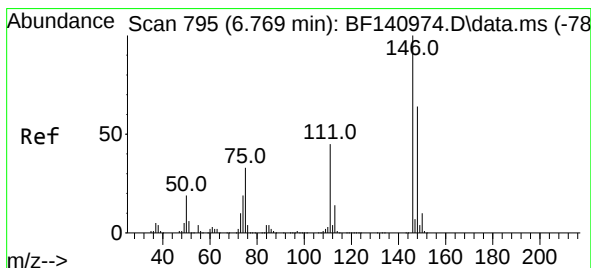
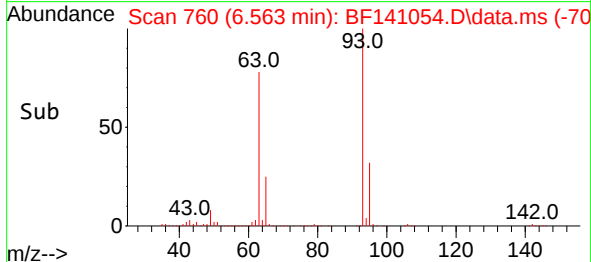
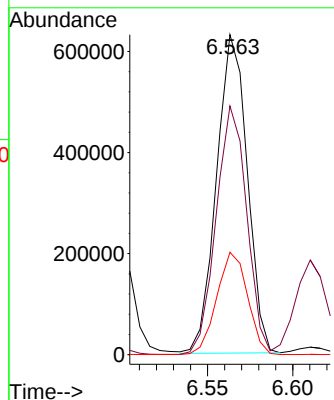
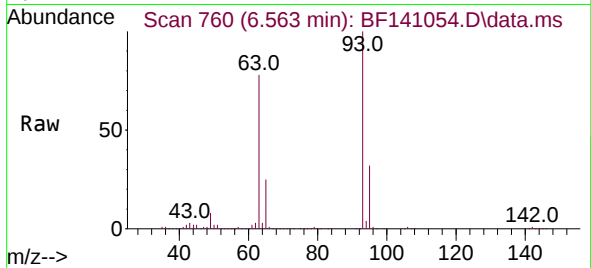




#11
bis(2-Chloroethyl)ether
Concen: 47.708 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

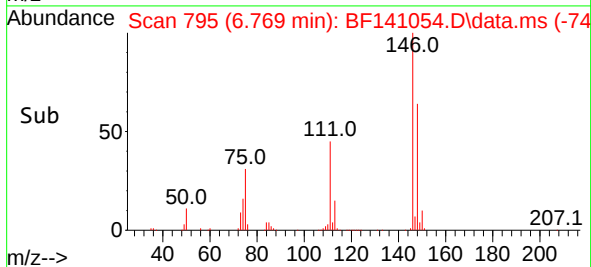
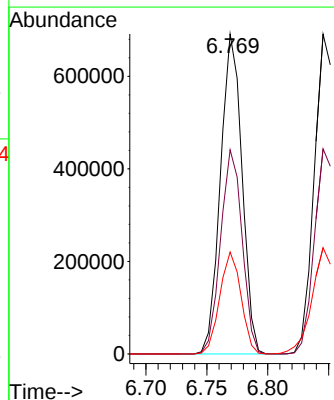
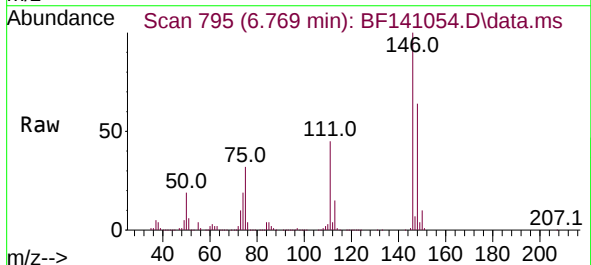
Instrument :
BNA_F
ClientSampleId :
341-349MS

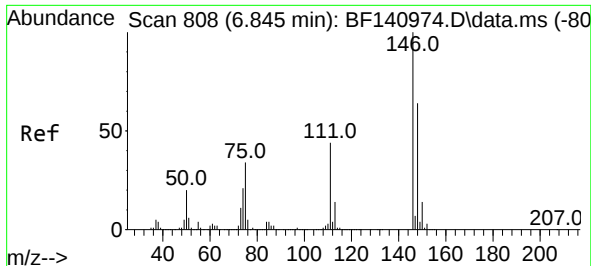
Tgt Ion: 93 Resp: 789685
Ion Ratio Lower Upper
93 100
63 77.7 60.3 100.3
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.548 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:146 Resp: 851433
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.9 26.1 39.1

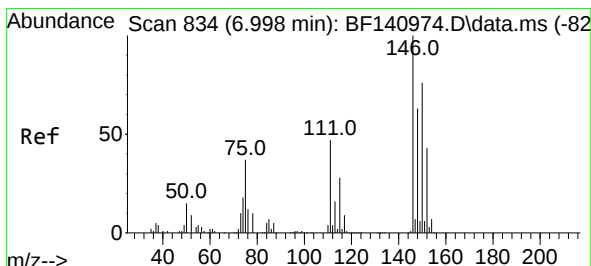
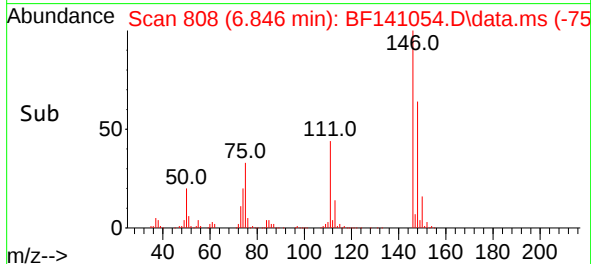
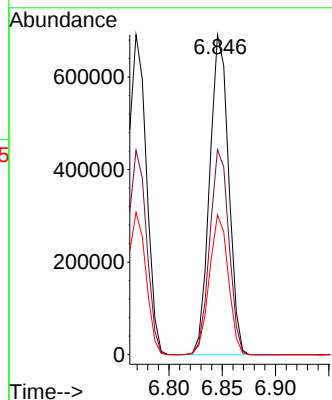
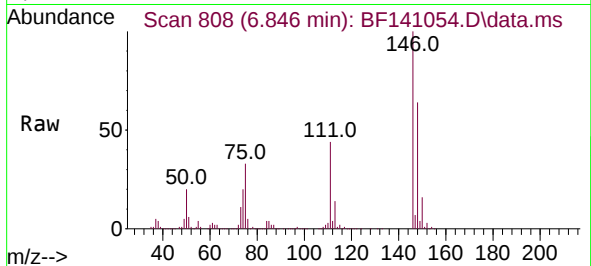




#13
1,4-Dichlorobenzene
Concen: 47.478 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

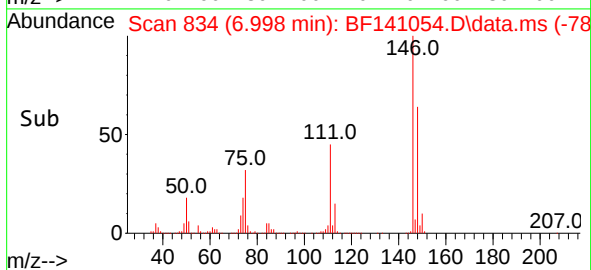
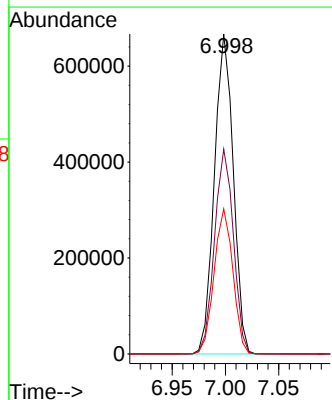
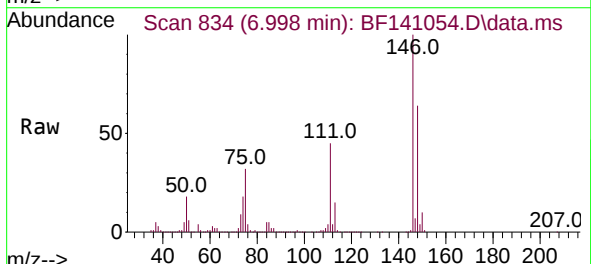
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:146 Resp: 857063
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 43.7 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.903 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:146 Resp: 823072
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 45.3 37.3 55.9

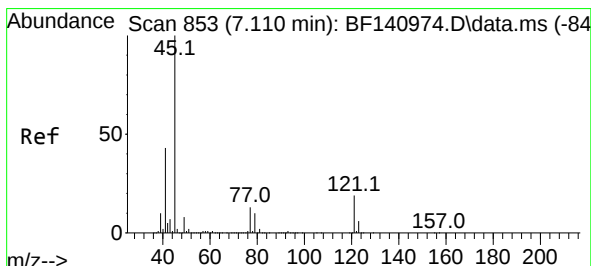
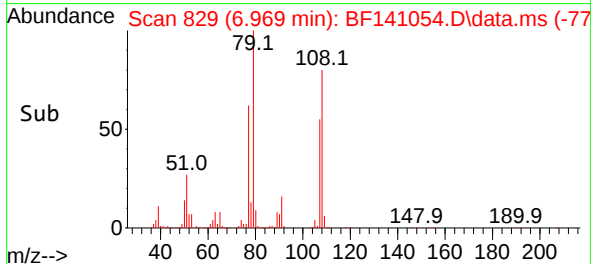
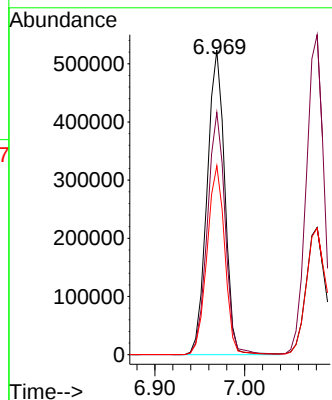
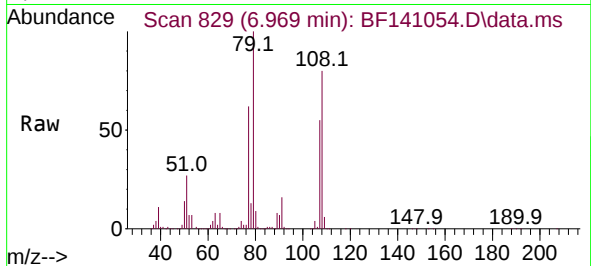




#15
Benzyl Alcohol
Concen: 50.210 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

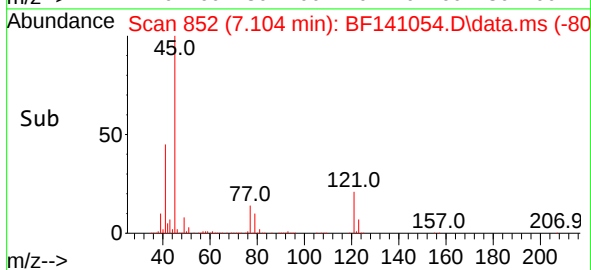
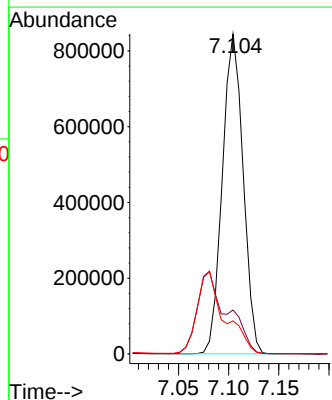
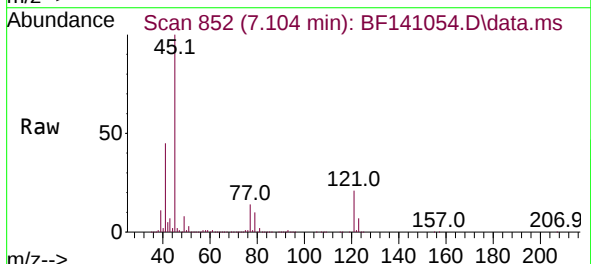
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion: 79 Resp: 715330
Ion Ratio Lower Upper
79 100
108 79.6 62.5 93.7
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.452 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 45 Resp: 1212855
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.4 0.0 30.1





#17

2-Methylphenol

Concen: 48.944 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

Tgt Ion:107 Resp: 659758

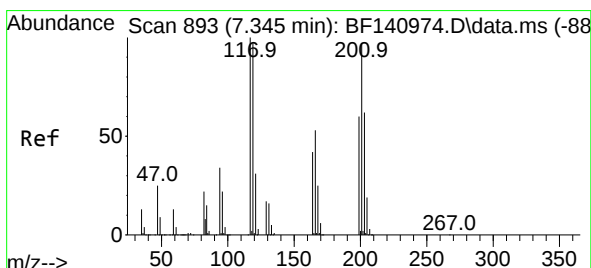
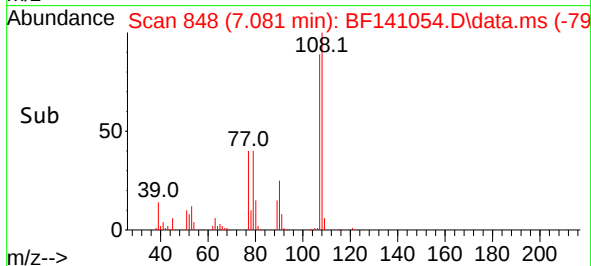
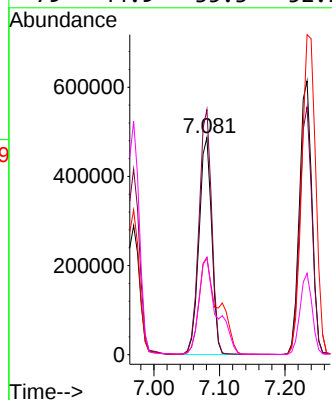
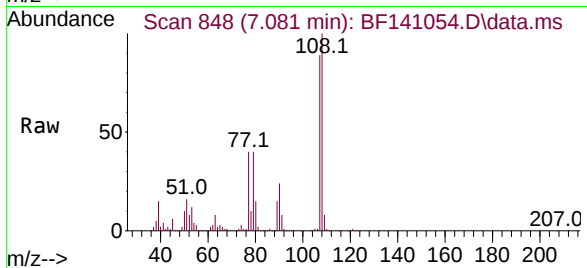
Ion Ratio Lower Upper

107 100

108 112.9 90.6 136.0

77 44.7 35.3 52.9

79 44.9 35.3 52.9



#18

Hexachloroethane

Concen: 49.459 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

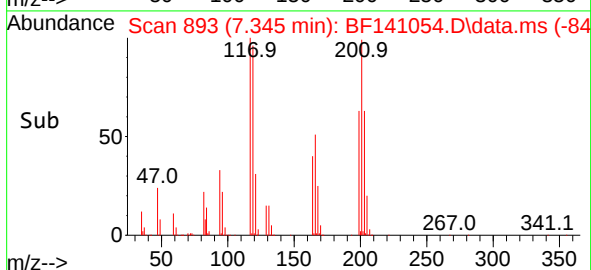
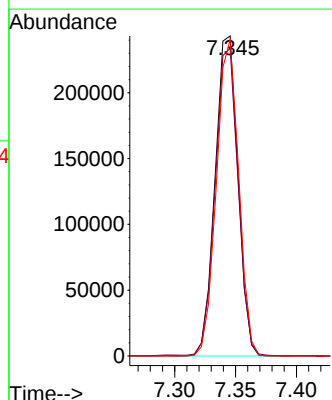
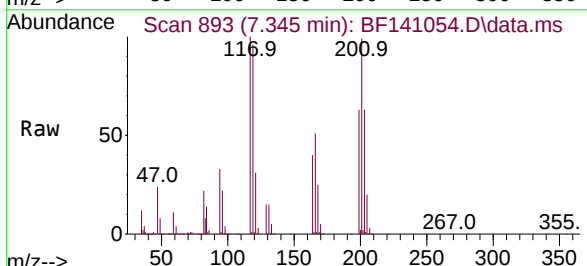
Tgt Ion:117 Resp: 317161

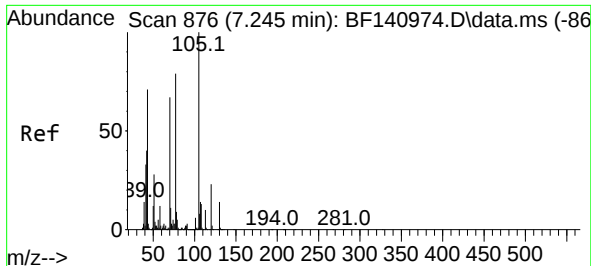
Ion Ratio Lower Upper

117 100

119 96.2 77.5 116.3

201 98.9 77.4 116.2

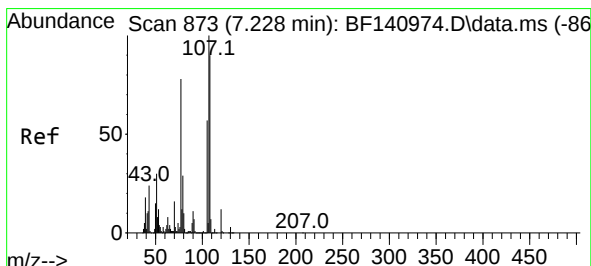
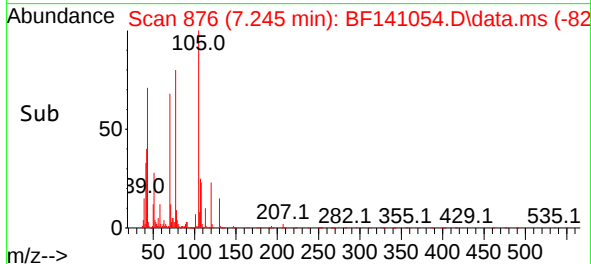
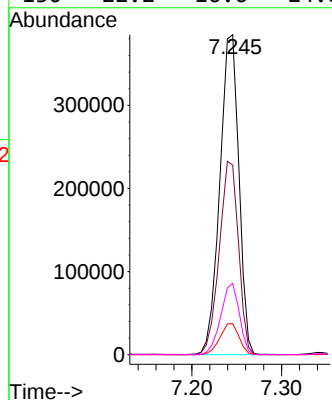
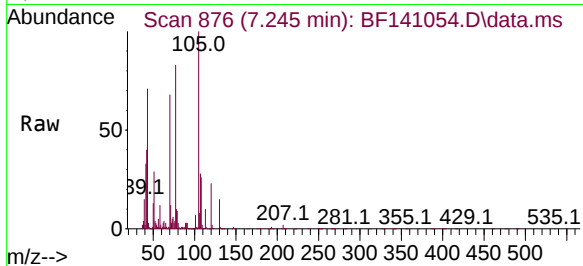




#19
n-Nitroso-di-n-propylamine
Concen: 46.785 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

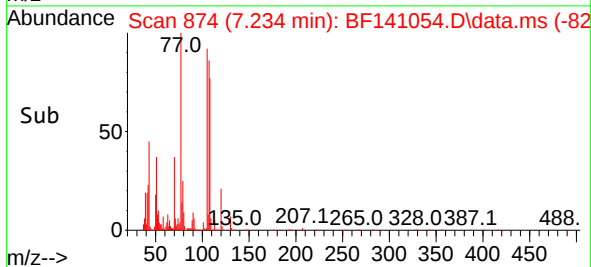
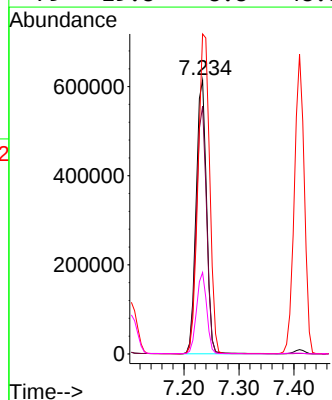
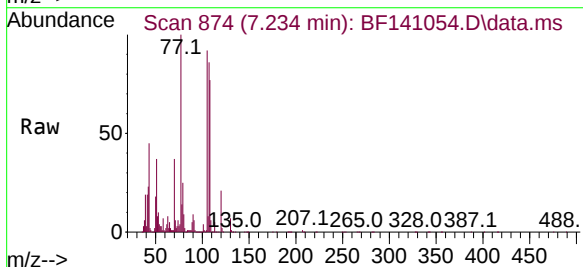
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion: 70 Resp: 568242
Ion Ratio Lower Upper
70 100
42 59.2 48.1 72.1
101 9.7 7.6 11.4
130 22.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 47.145 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 107 Resp: 804221
Ion Ratio Lower Upper
107 100
108 90.5 69.6 109.6
77 116.9 57.6 97.6#
79 29.8 8.8 48.8

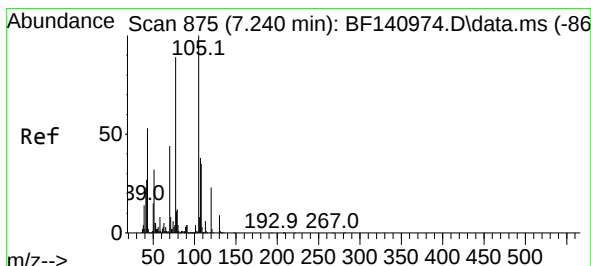
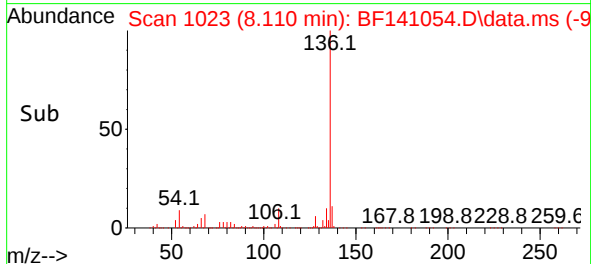
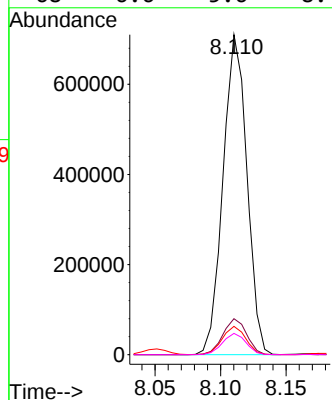
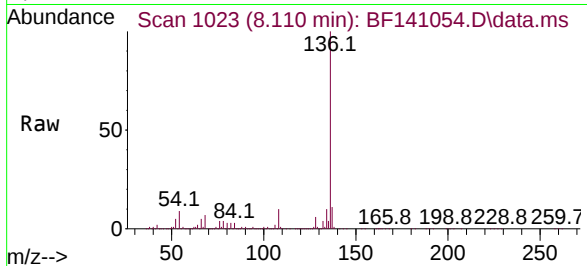




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

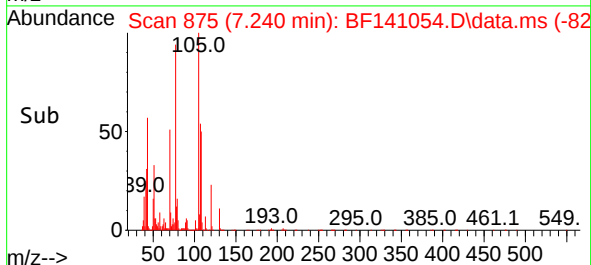
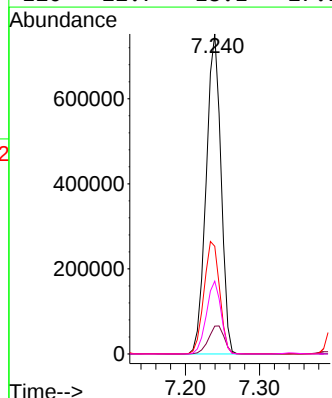
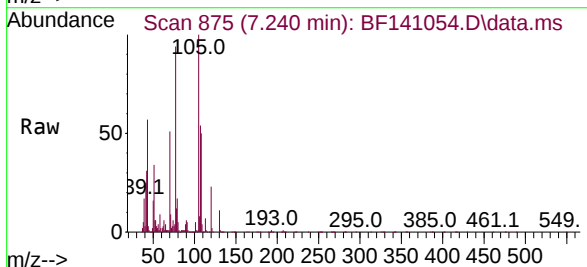
Instrument :
BNA_F
ClientSampleId :
341-349MS

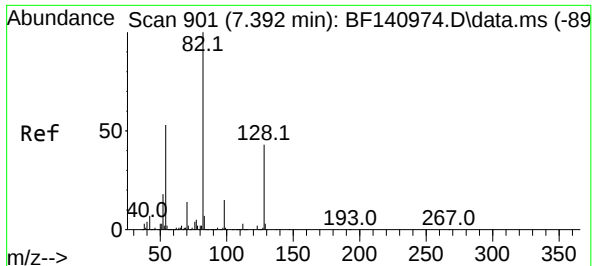
Tgt Ion:	136	Resp:	899901
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.8	7.6	11.4
68	6.6	5.6	8.4



#22
Acetophenone
Concen: 47.296 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:	105	Resp:	1044104
Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.1	9.1
51	33.7	25.8	38.6
120	22.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 62.658 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

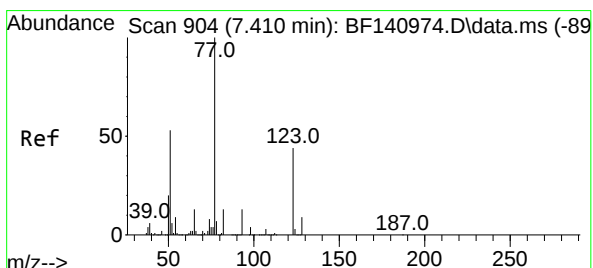
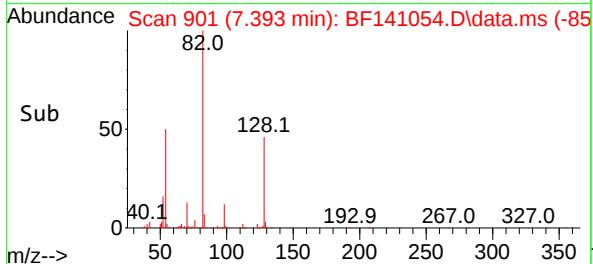
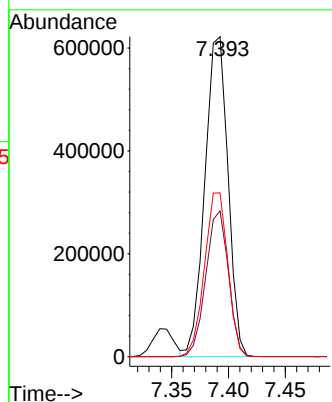
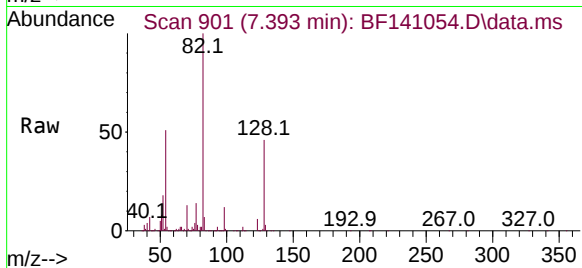
Tgt Ion: 82 Resp: 881335

Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

54 51.2 42.4 63.6



#24

Nitrobenzene

Concen: 53.763 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

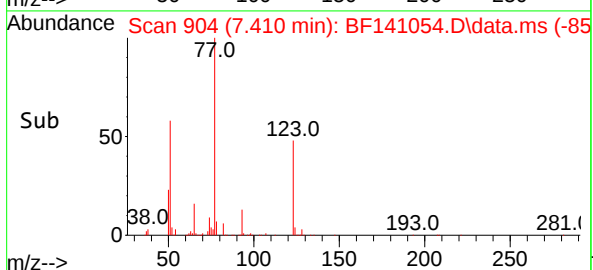
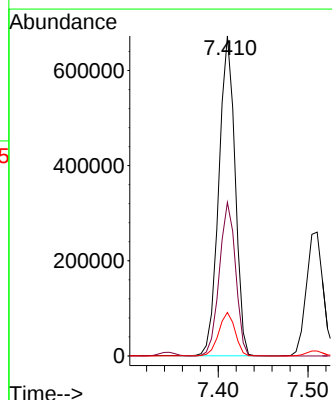
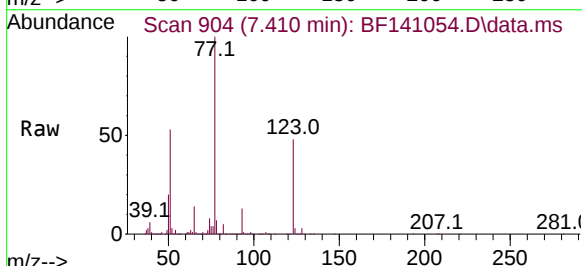
Tgt Ion: 77 Resp: 844991

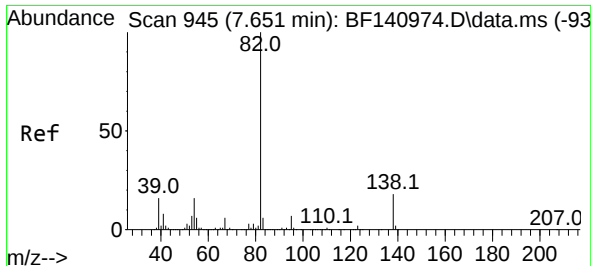
Ion Ratio Lower Upper

77 100

123 48.0 35.4 53.2

65 13.6 10.7 16.1

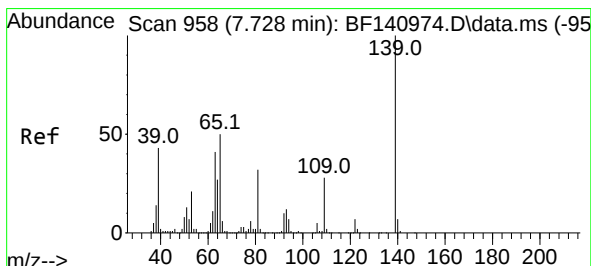
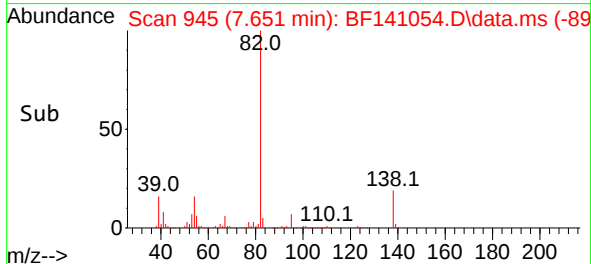
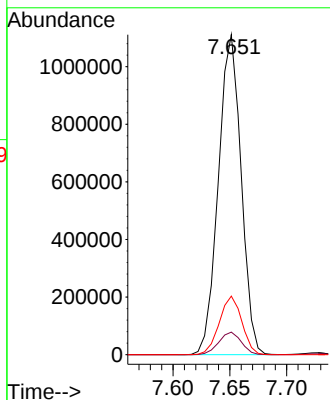
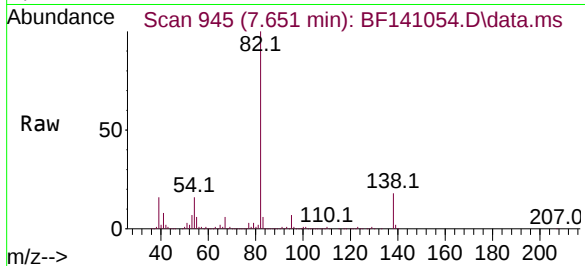




#25
Isophorone
Concen: 50.599 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

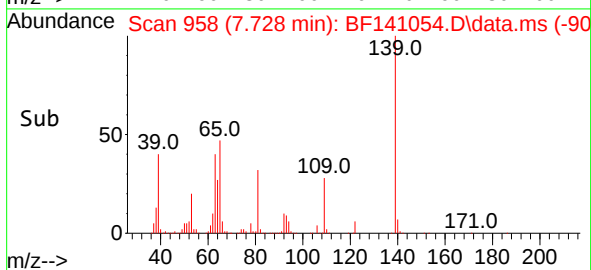
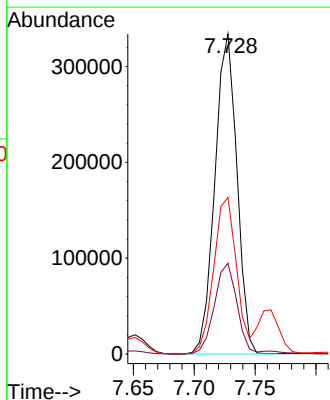
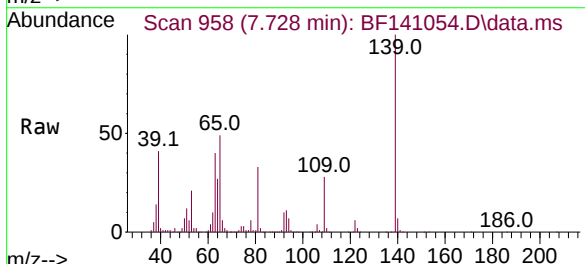
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion: 82 Resp: 1548729
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 63.446 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:139 Resp: 421009
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 48.9 40.2 60.4

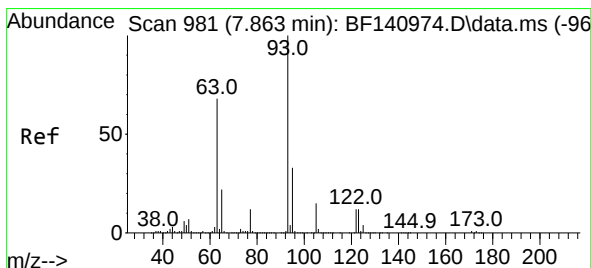
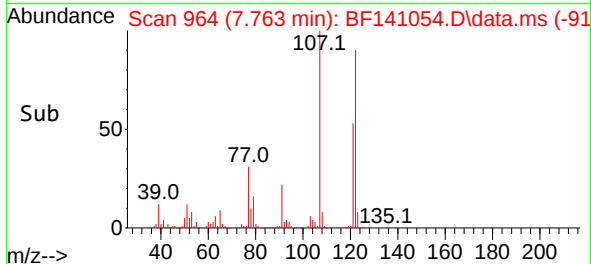
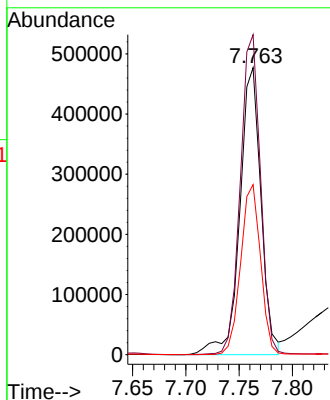
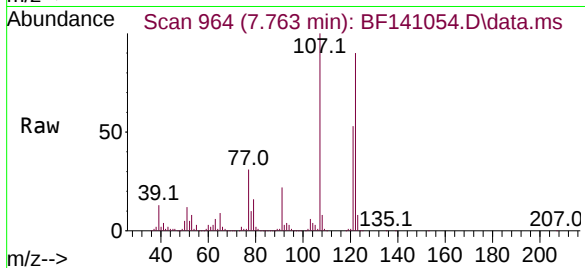




#27
2,4-Dimethylphenol
Concen: 59.026 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

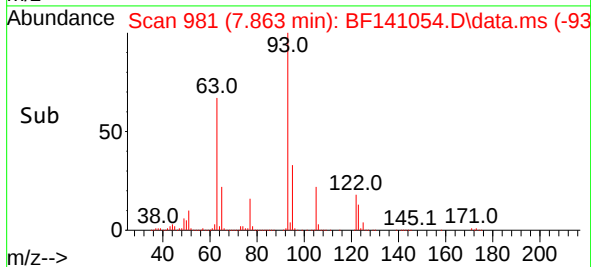
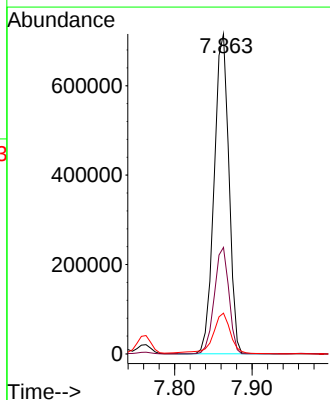
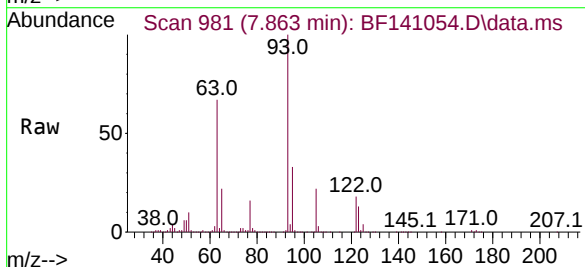
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:122 Resp: 660277
Ion Ratio Lower Upper
122 100
107 111.5 89.4 134.2
121 59.3 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.695 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion: 93 Resp: 944332
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 51.311 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

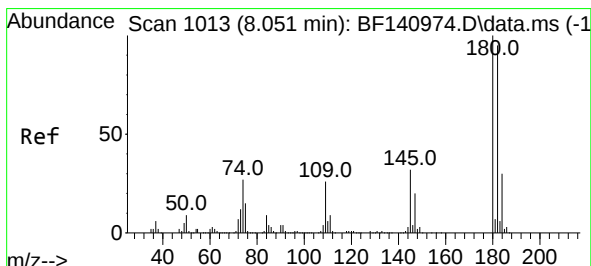
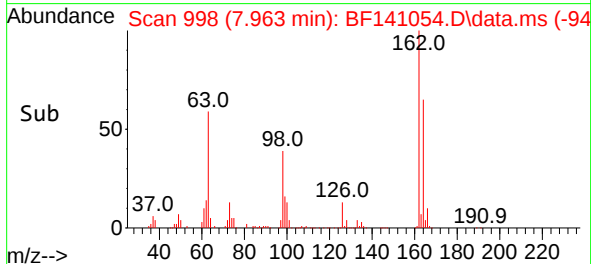
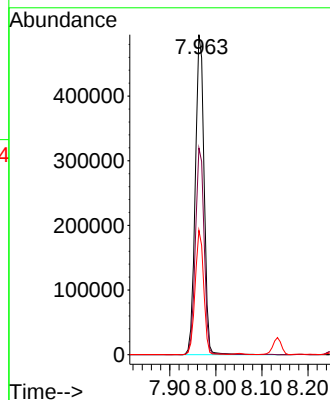
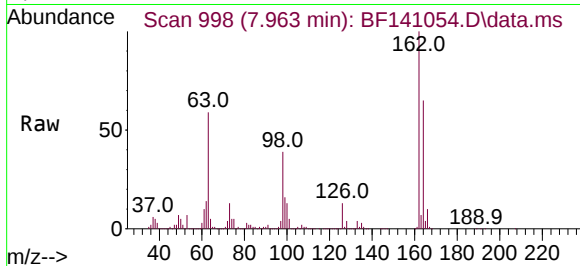
Tgt Ion:162 Resp: 650979

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 38.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.963 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

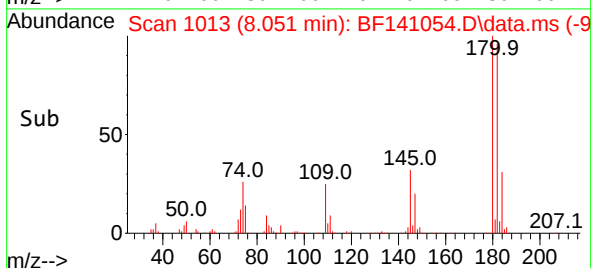
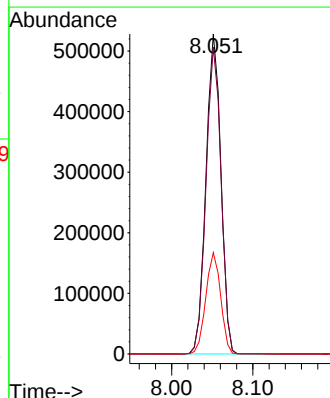
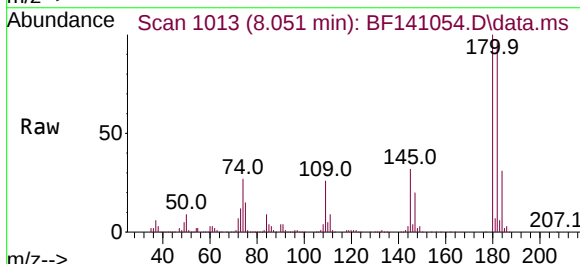
Tgt Ion:180 Resp: 674376

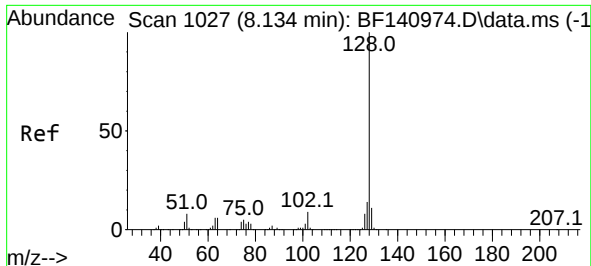
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 31.7 25.4 38.2

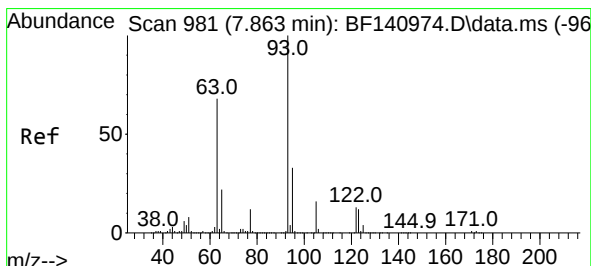
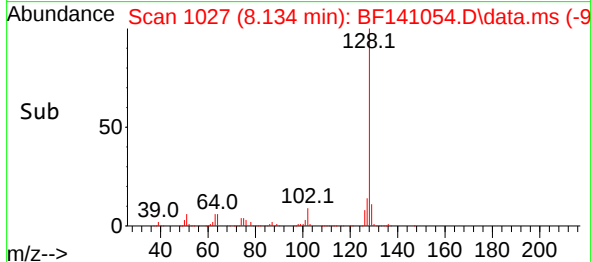
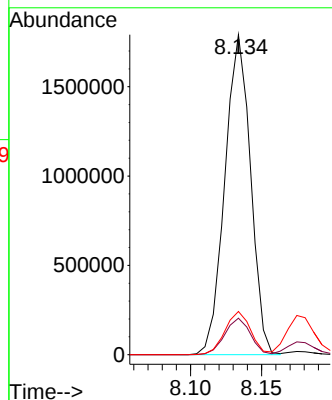
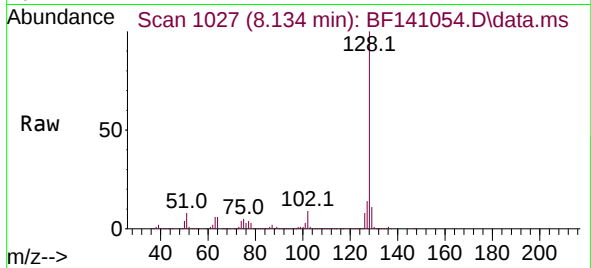




#31
Naphthalene
Concen: 47.524 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

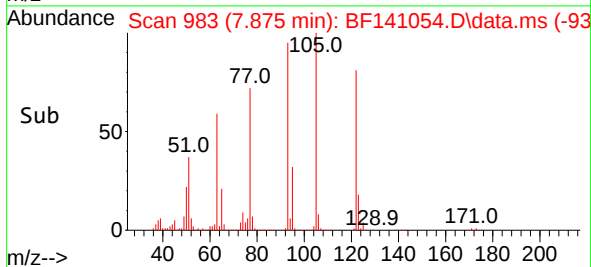
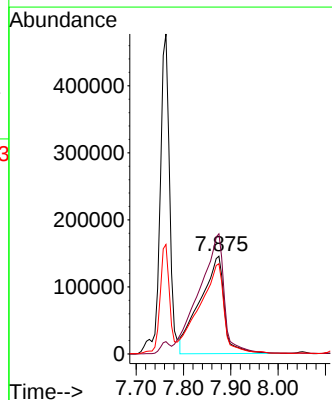
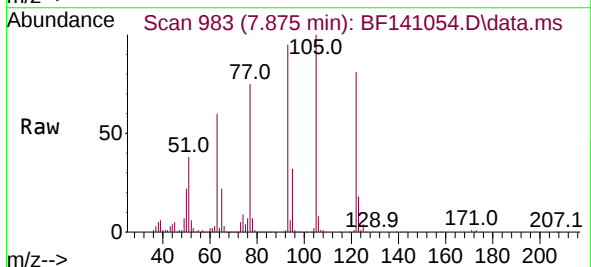
Instrument :
BNA_F
ClientSampleId :
341-349MS

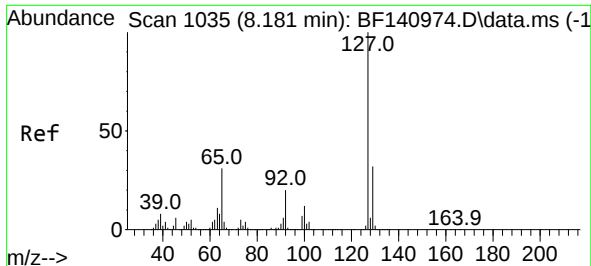
Tgt Ion:128 Resp: 2253555
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 55.150 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:122 Resp: 520249
Ion Ratio Lower Upper
122 100
105 122.8 105.4 145.4
77 92.3 76.4 116.4



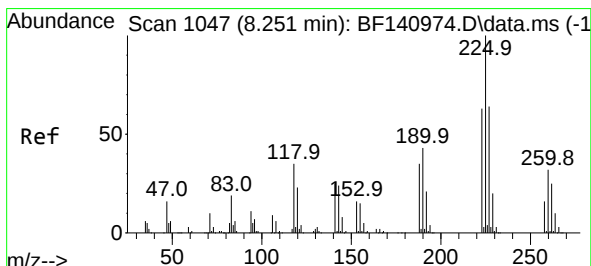
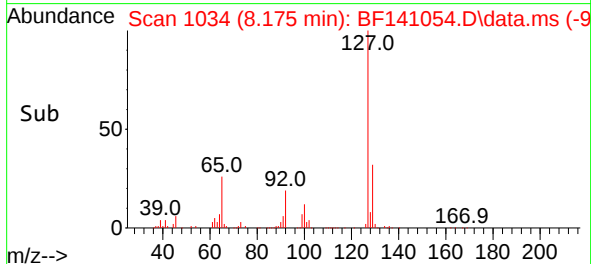
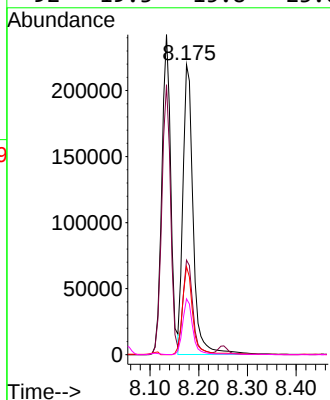
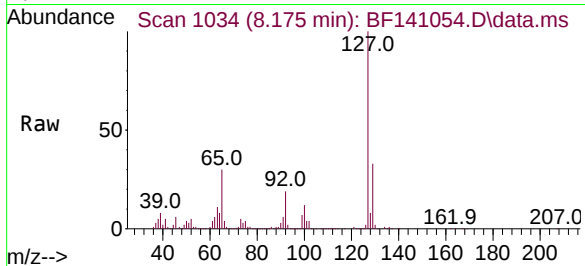


#33
4-Chloroaniline
Concen: 18.679 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:127 Resp: 320443

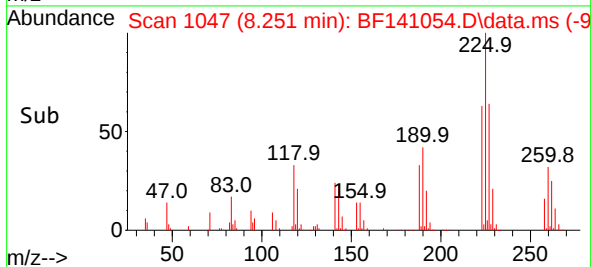
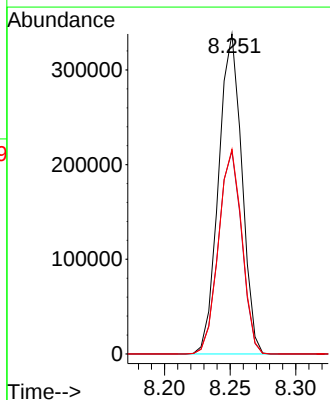
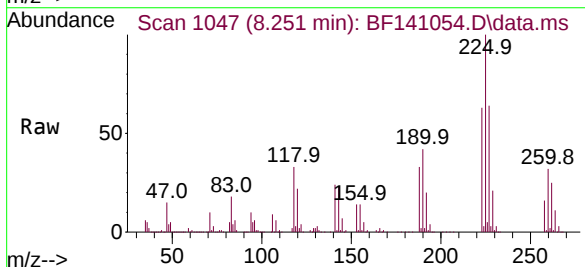
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.3	24.6	37.0
92	19.3	15.8	23.6

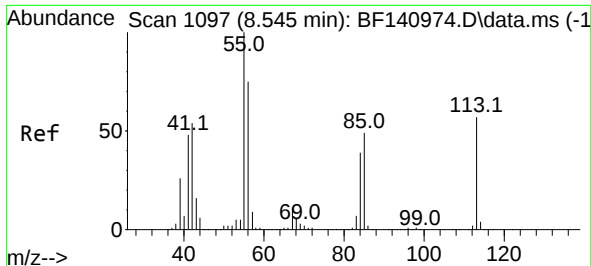


#34
Hexachlorobutadiene
Concen: 49.230 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:225 Resp: 416754

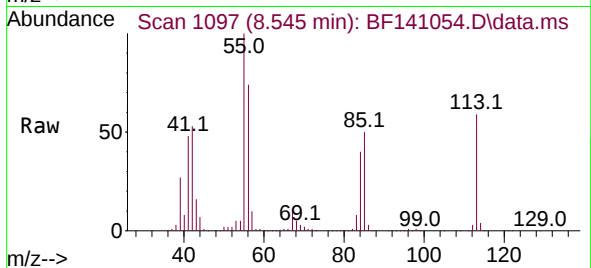
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	63.9	50.8	76.2



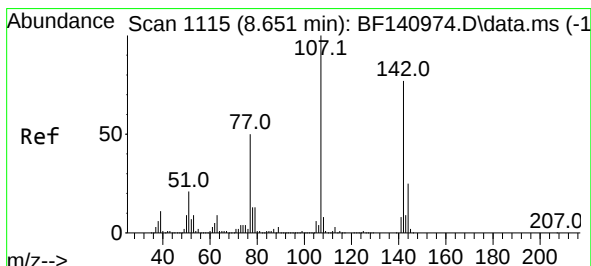
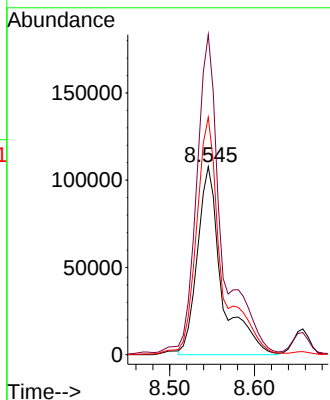
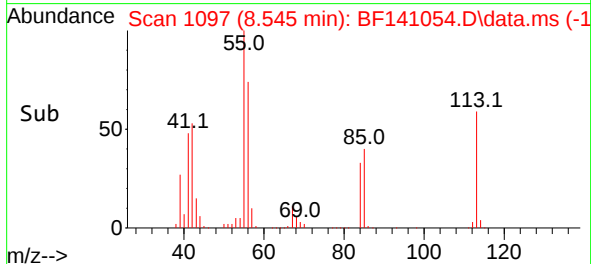


#35
Caprolactam
Concen: 50.128 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Instrument :
BNA_F
ClientSampleId :
341-349MS

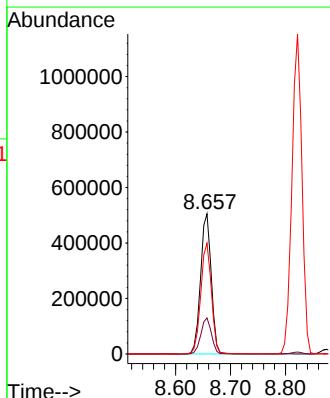
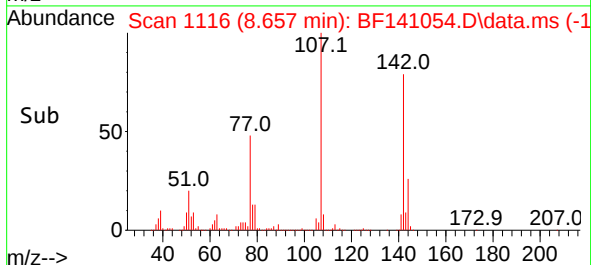
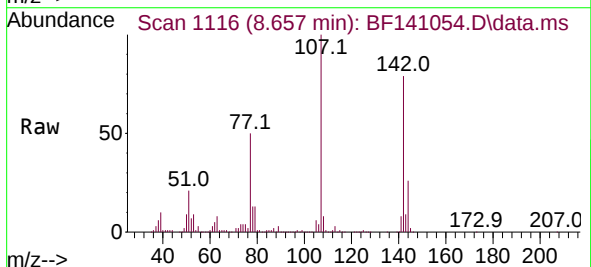


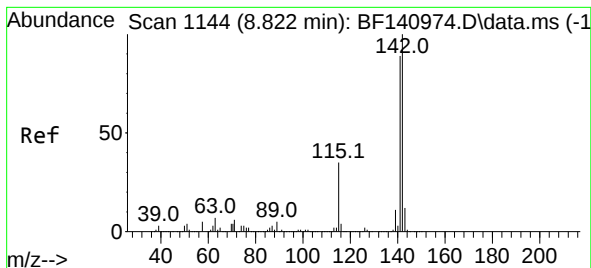
Tgt Ion:113 Resp: 216202
Ion Ratio Lower Upper
113 100
55 170.2 156.6 196.6
56 126.3 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 48.613 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:107 Resp: 684939
Ion Ratio Lower Upper
107 100
144 25.7 19.9 29.9
142 79.0 61.8 92.8

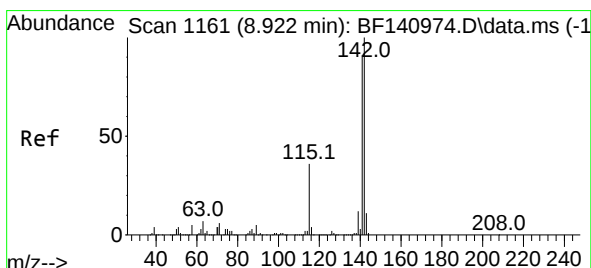
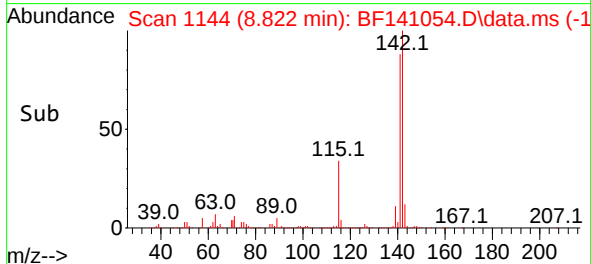
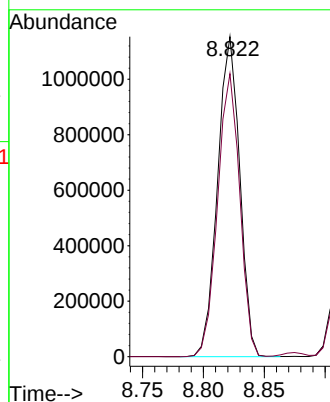
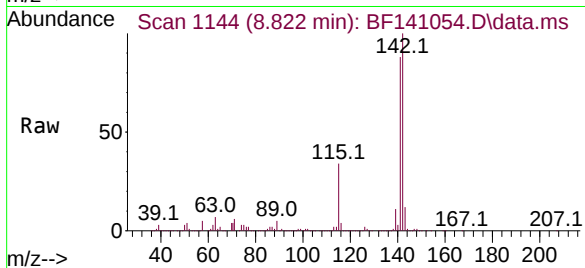




#37
2-Methylnaphthalene
Concen: 48.169 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

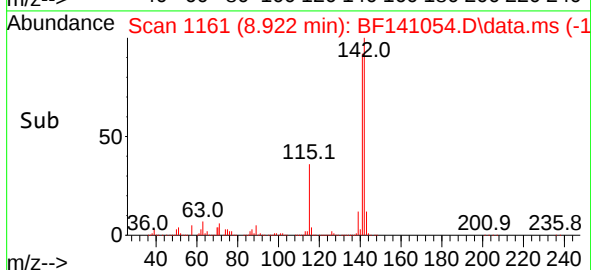
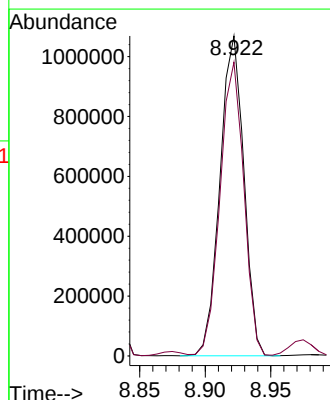
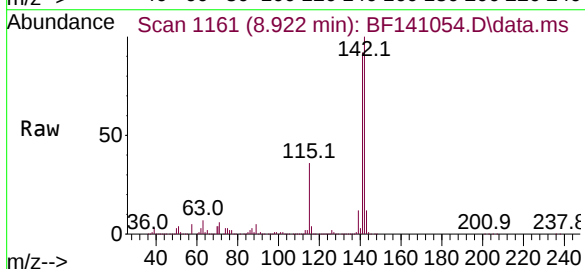
Instrument :
BNA_F
ClientSampleId :
341-349MS

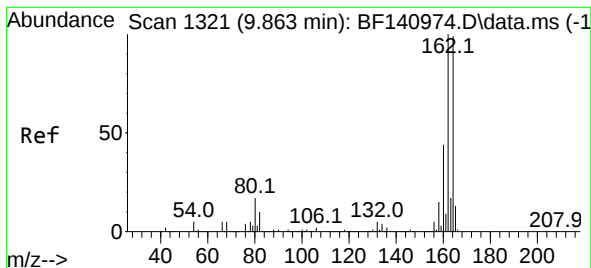
Tgt Ion:142 Resp: 1461252
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 45.388 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:142 Resp: 1353169
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

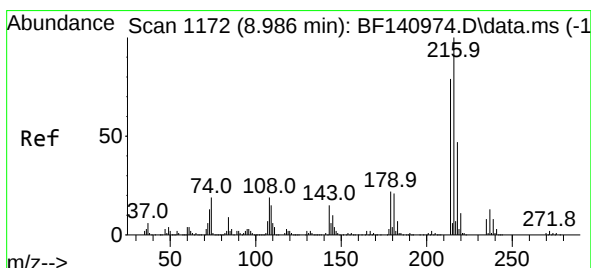
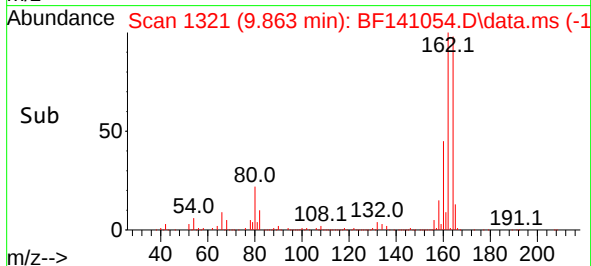
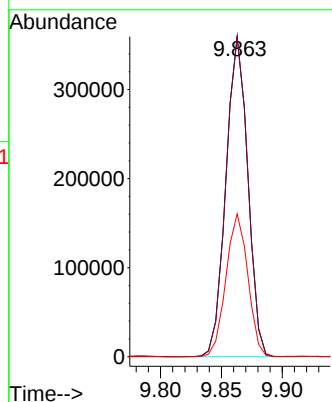
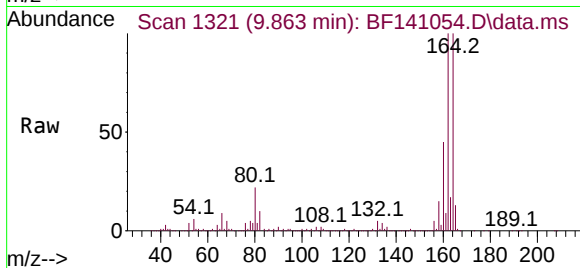
Tgt Ion:164 Resp: 448717

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.590 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Tgt Ion:216 Resp: 661559

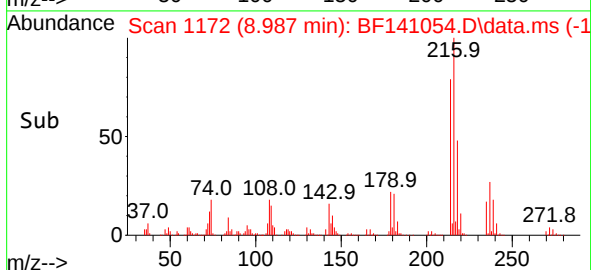
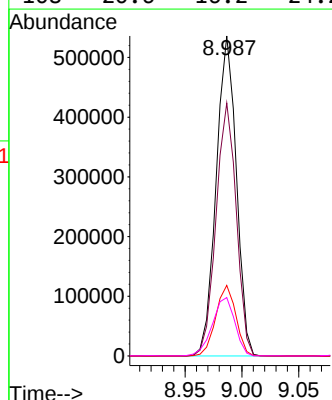
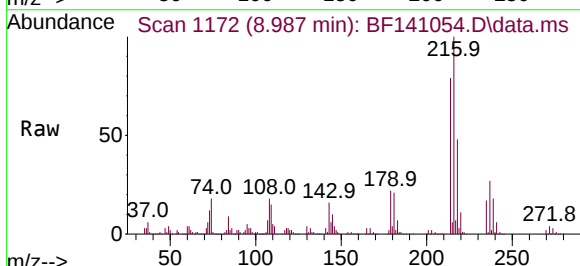
Ion Ratio Lower Upper

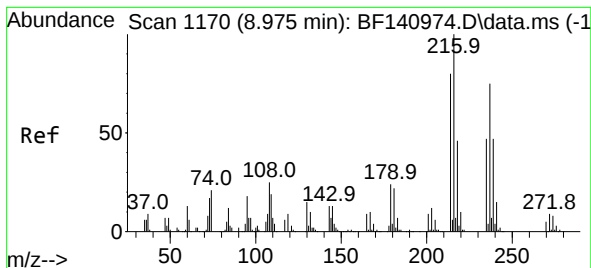
216 100

214 79.2 63.0 94.6

179 22.1 17.9 26.9

108 20.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 133.308 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

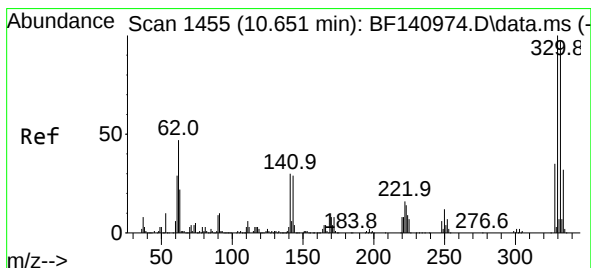
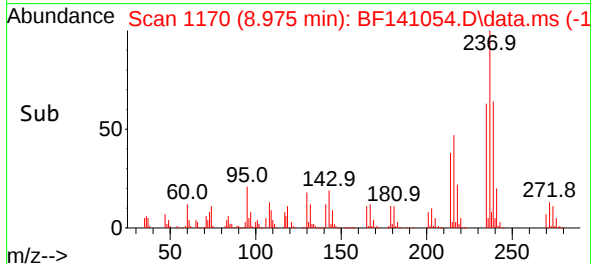
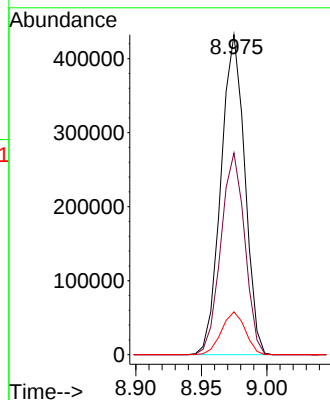
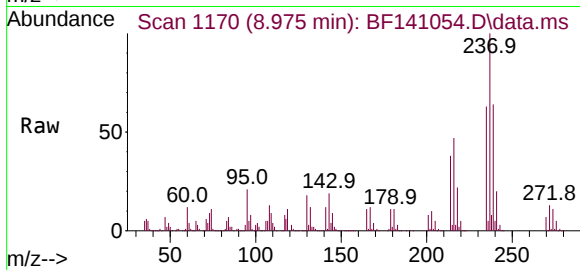
Tgt Ion:237 Resp: 545350

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

272 13.4 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 77.157 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

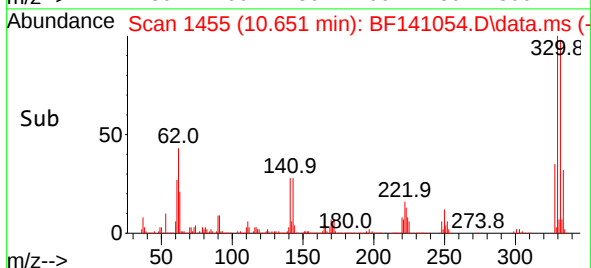
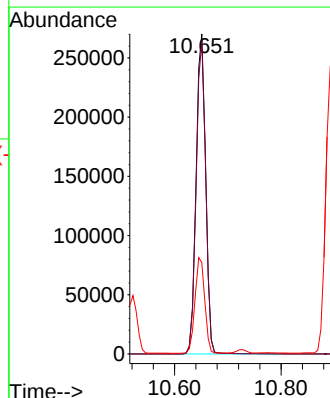
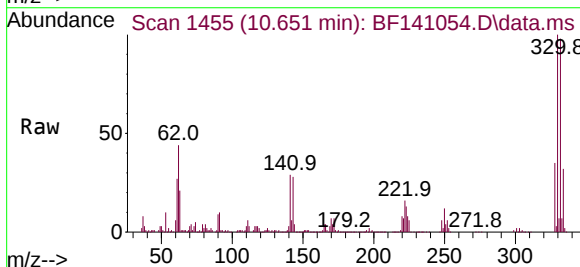
Tgt Ion:330 Resp: 336419

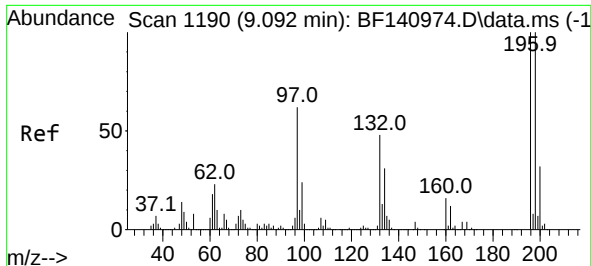
Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 30.5 26.4 39.6

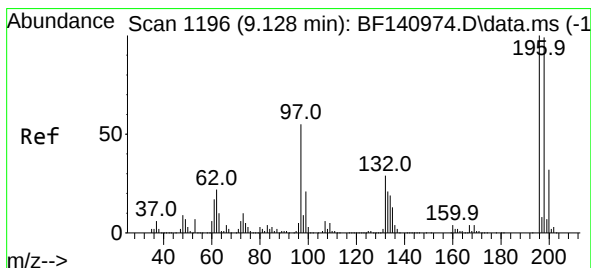
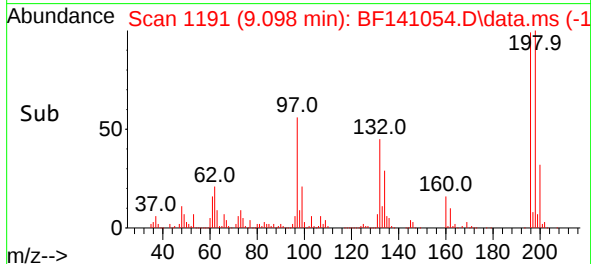
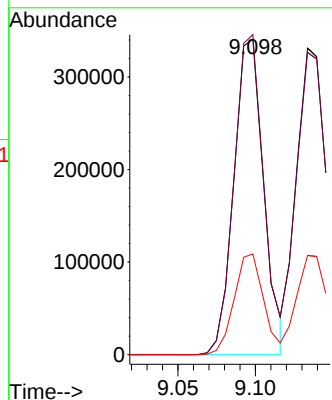
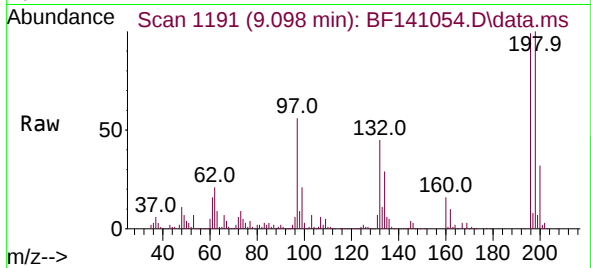




#43
2,4,6-Trichlorophenol
Concen: 55.410 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

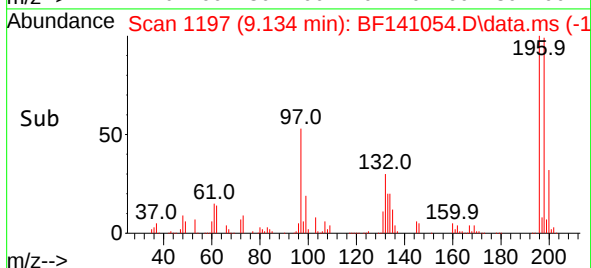
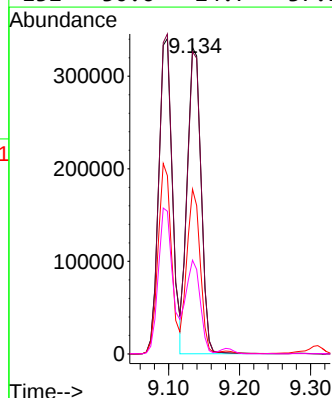
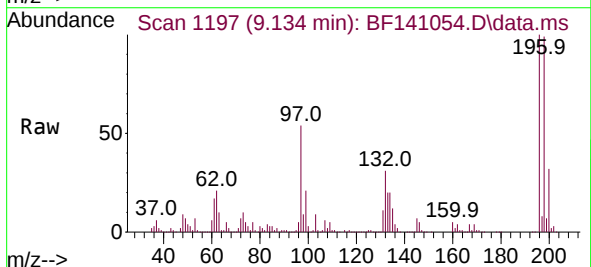
Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:196 Resp: 455257
Ion Ratio Lower Upper
196 100
198 101.4 80.2 120.4
200 32.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 53.060 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:196 Resp: 446056
Ion Ratio Lower Upper
196 100
198 98.6 79.9 119.9
97 53.8 44.3 66.5
132 30.6 24.7 37.1

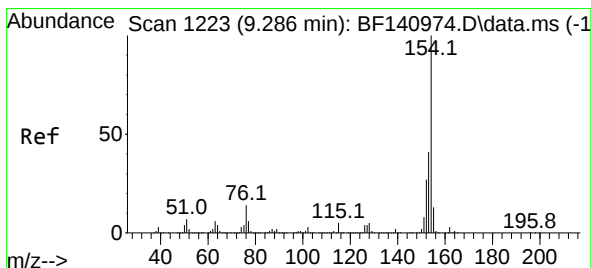
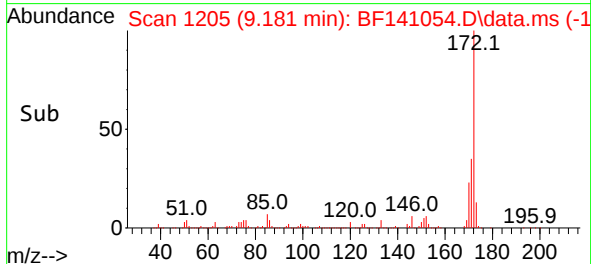
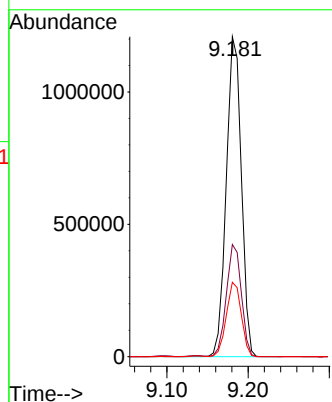
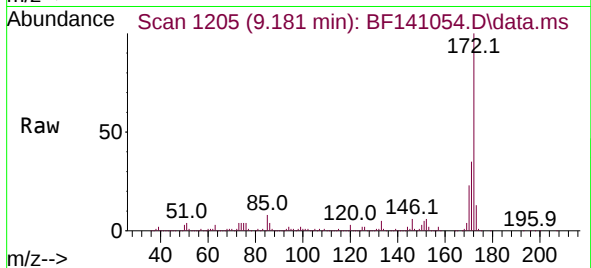




#45
2-Fluorobiphenyl
Concen: 55.399 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

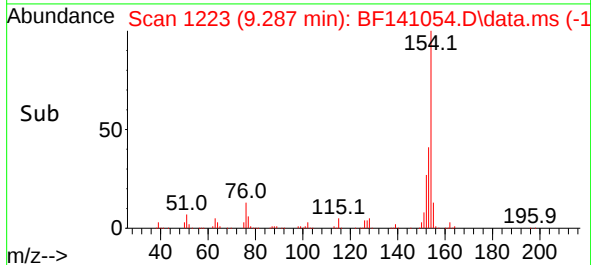
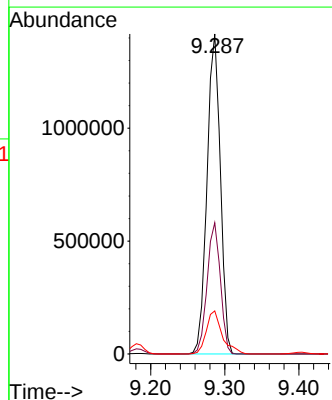
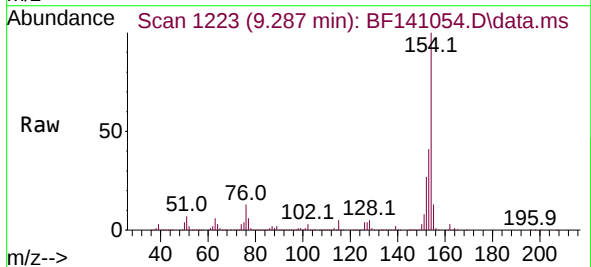
Instrument :
BNA_F
ClientSampleId :
341-349MS

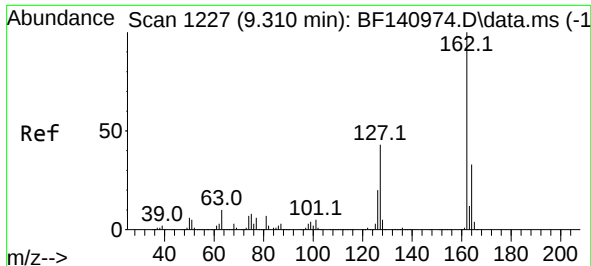
Tgt Ion:172 Resp: 1560253
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 23.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 51.515 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:154 Resp: 1769941
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 13.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.183 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

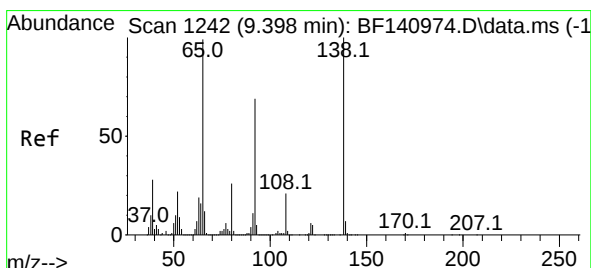
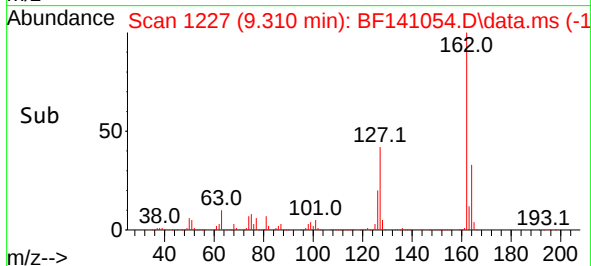
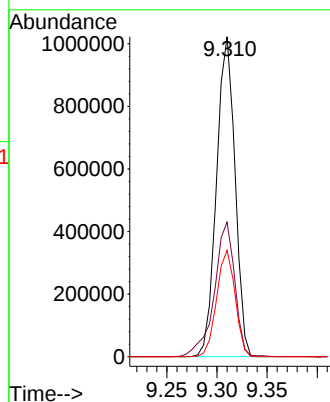
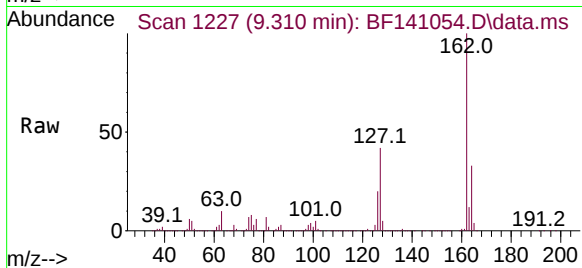
Tgt Ion:162 Resp: 1310572

Ion Ratio Lower Upper

162 100

127 42.1 34.2 51.4

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 58.755 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

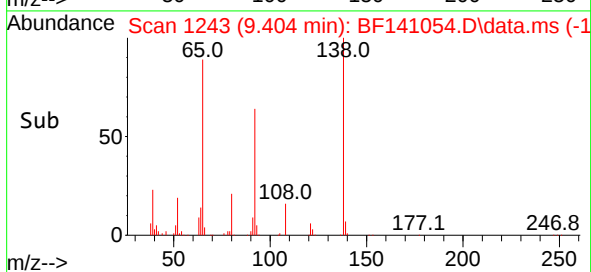
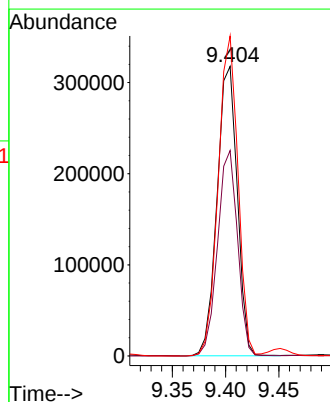
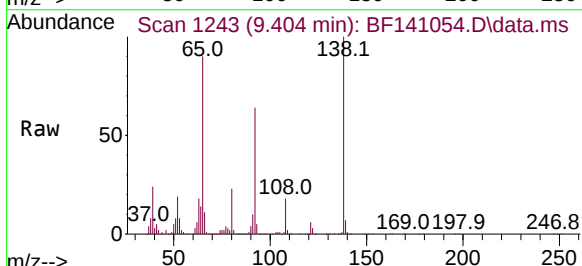
Tgt Ion: 65 Resp: 417615

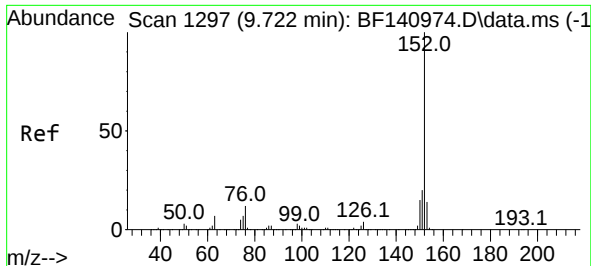
Ion Ratio Lower Upper

65 100

92 70.9 55.6 83.4

138 110.5 80.5 120.7

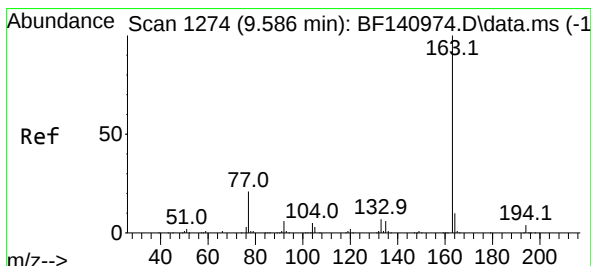
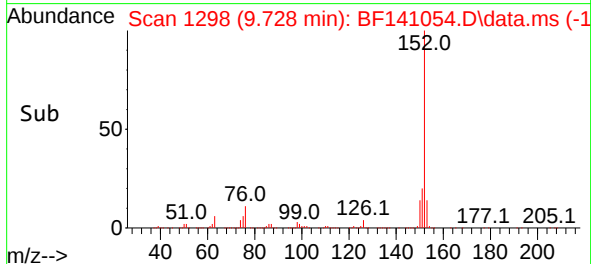
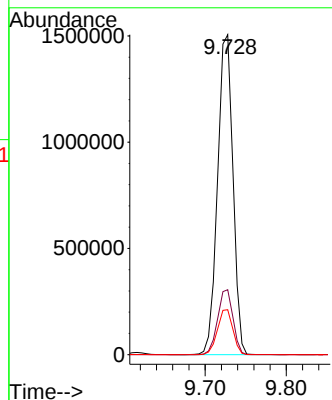
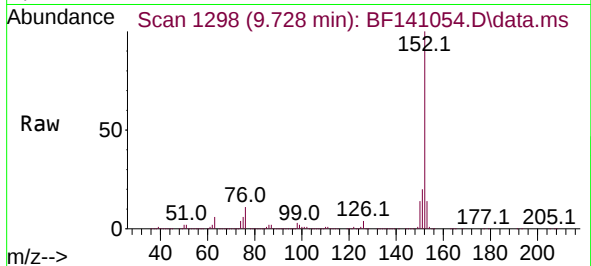




#49
Acenaphthylene
Concen: 51.784 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

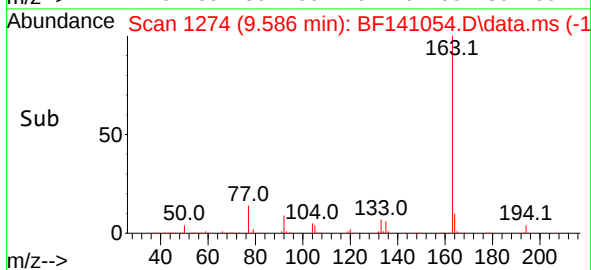
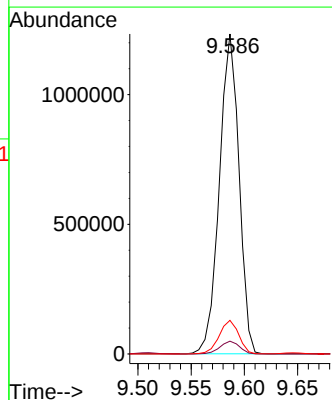
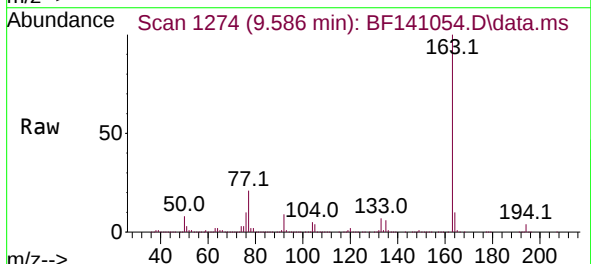
Instrument :
BNA_F
ClientSampleId :
341-349MS

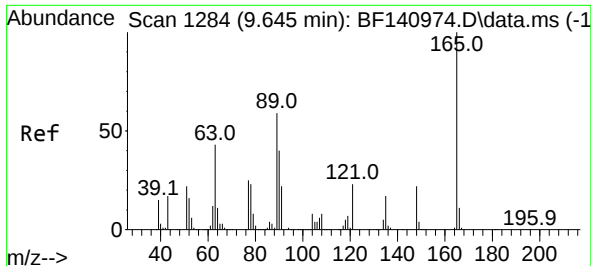
Tgt Ion:152 Resp: 1986431
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.0 11.4 17.0



#50
Dimethylphthalate
Concen: 53.411 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:163 Resp: 1576425
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.3 12.5

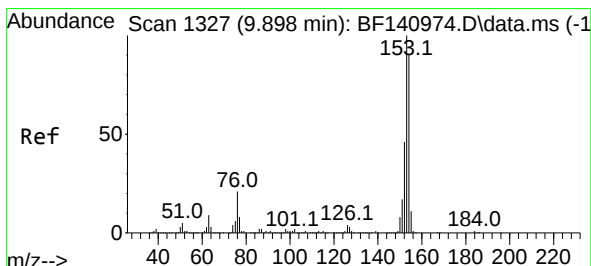
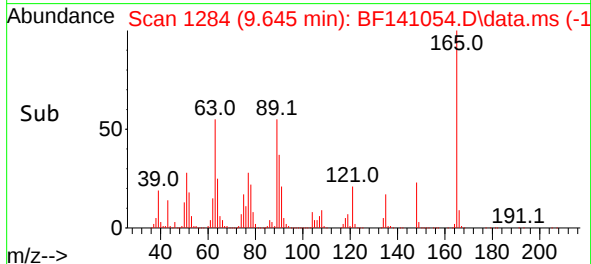
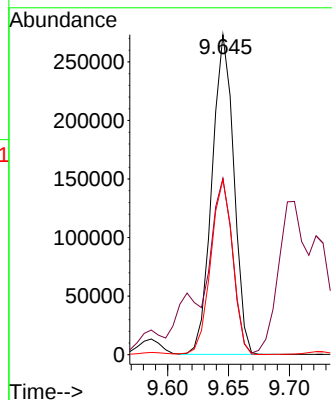
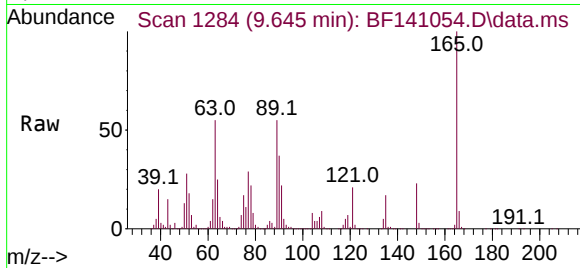




#51
2,6-Dinitrotoluene
Concen: 55.971 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

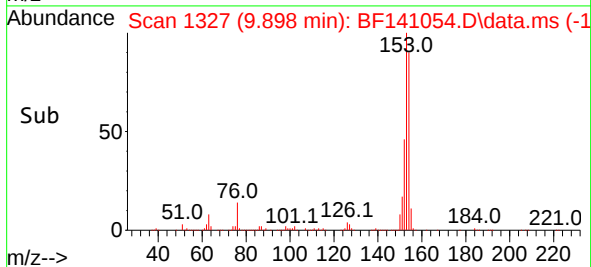
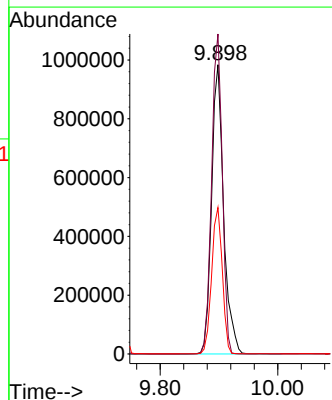
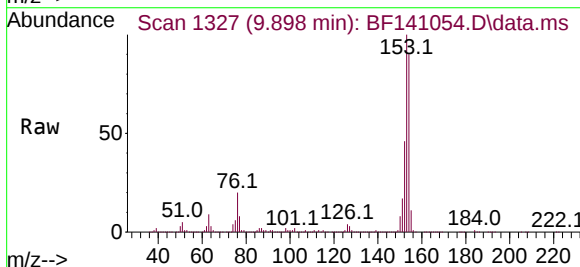
Instrument :
BNA_F
ClientSampleId :
341-349MS

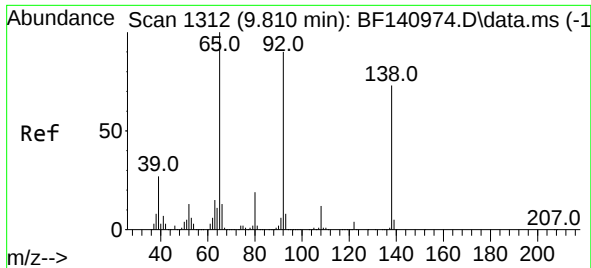
Tgt Ion:165 Resp: 340853
Ion Ratio Lower Upper
165 100
63 55.1 47.1 70.7
89 54.7 47.0 70.4



#52
Acenaphthene
Concen: 54.054 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:154 Resp: 1401770
Ion Ratio Lower Upper
154 100
153 110.6 89.2 133.8
152 50.6 40.9 61.3

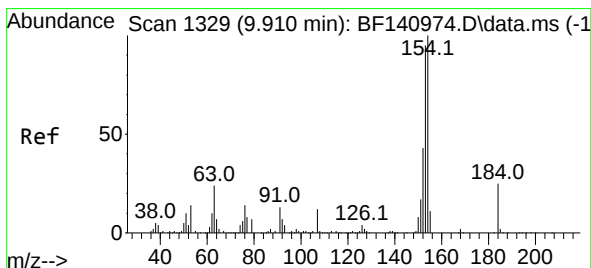
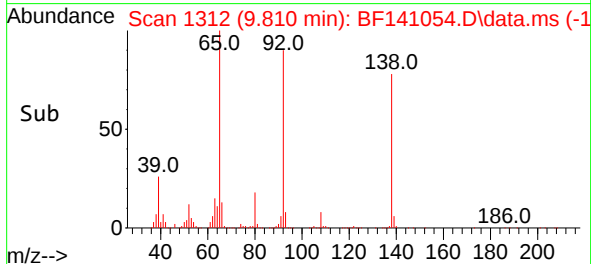
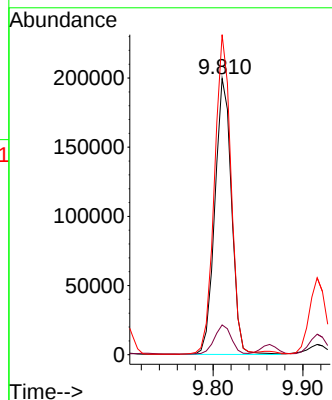
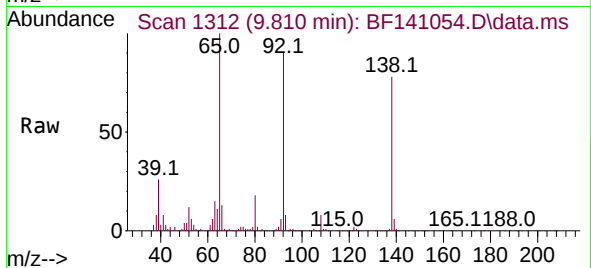




#53
3-Nitroaniline
Concen: 39.742 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

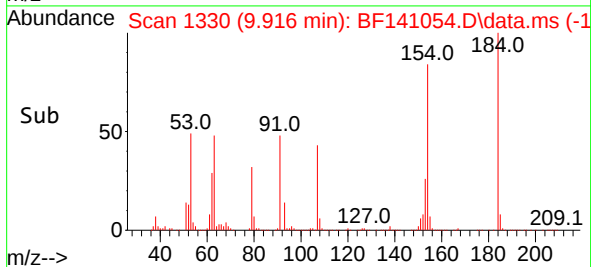
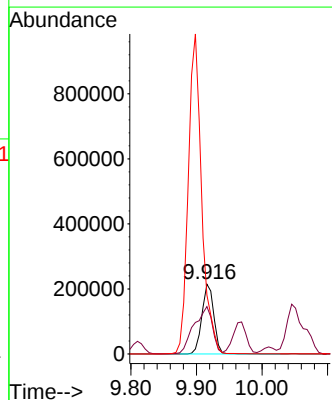
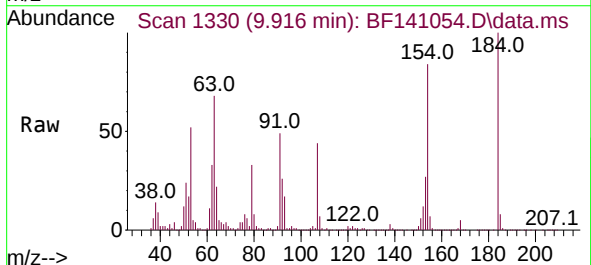
Instrument :
BNA_F
ClientSampleId :
341-349MS

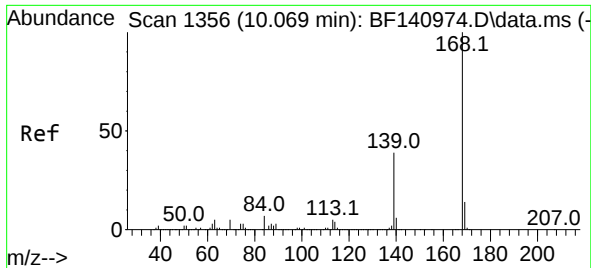
Tgt Ion:138 Resp: 256199
Ion Ratio Lower Upper
138 100
108 10.8 13.5 20.3#
92 115.9 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 101.078 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:184 Resp: 271932
Ion Ratio Lower Upper
184 100
63 67.9 81.6 122.4#
154 84.5 363.5 545.3#

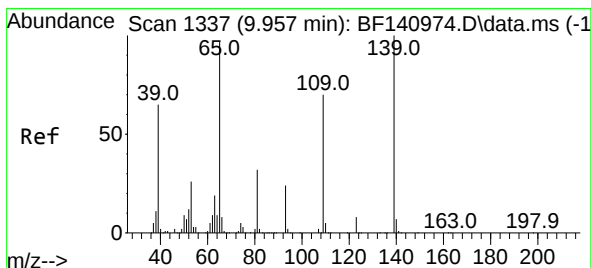
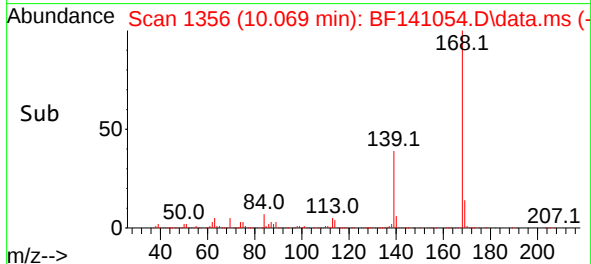
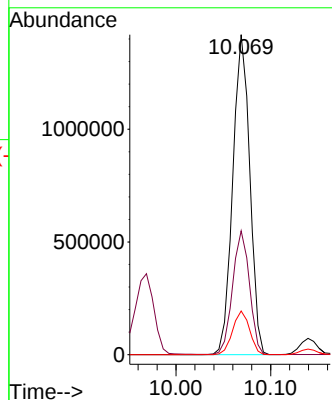
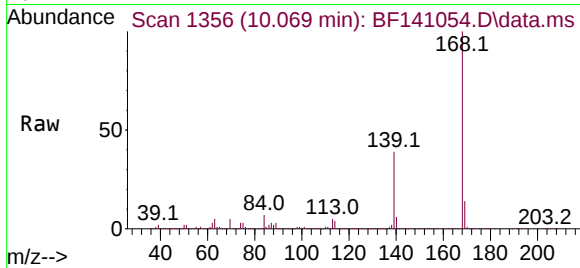




#55
Dibenzenofuran
Concen: 48.514 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

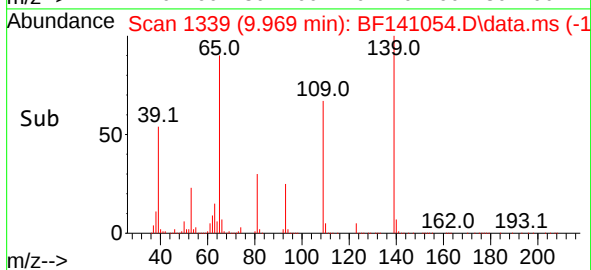
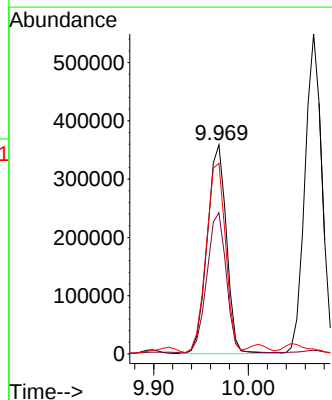
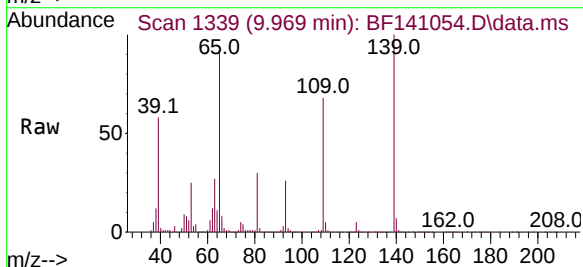
Instrument :
BNA_F
ClientSampleId :
341-349MS

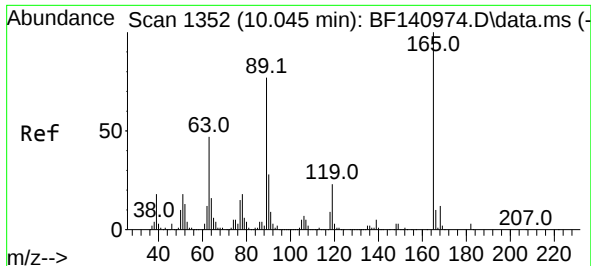
Tgt Ion:168 Resp: 1768095
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 99.679 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:139 Resp: 503257
Ion Ratio Lower Upper
139 100
109 67.5 50.8 90.8
65 91.2 78.5 118.5

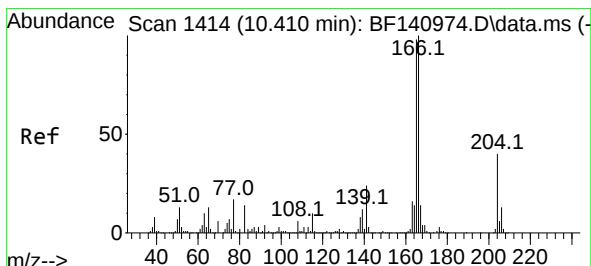
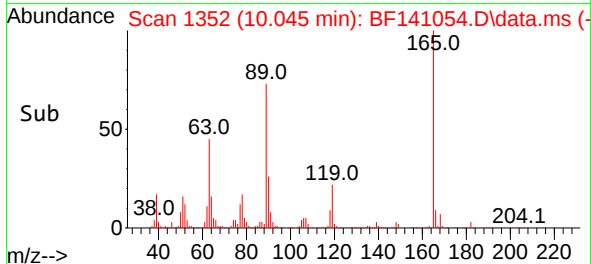
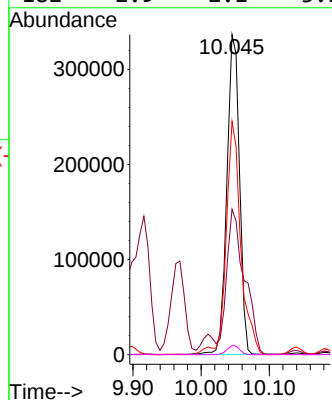
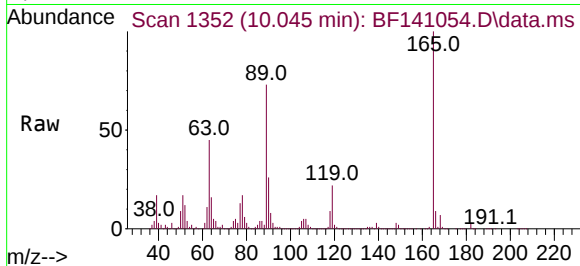




#57
2,4-Dinitrotoluene
Concen: 57.678 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

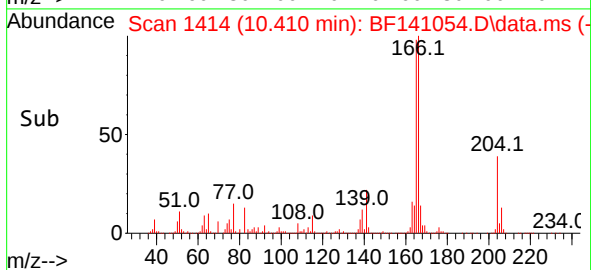
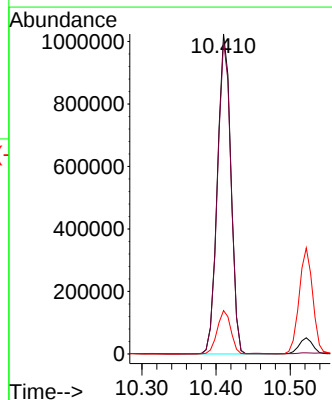
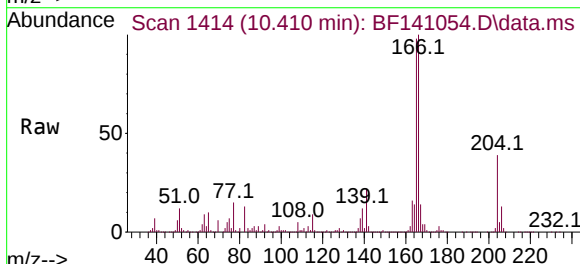
Instrument :
BNA_F
ClientSampleId :
341-349MS

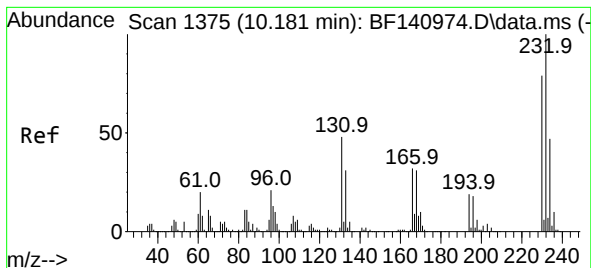
Tgt Ion:165 Resp: 432207
Ion Ratio Lower Upper
165 100
63 45.4 38.1 57.1
89 72.9 61.4 92.2
182 2.9 2.1 3.1



#58
Fluorene
Concen: 45.596 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:166 Resp: 1288587
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.6 10.9 16.3

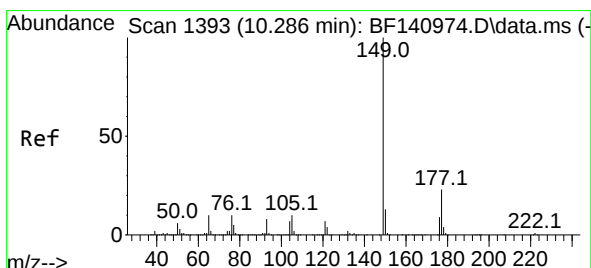
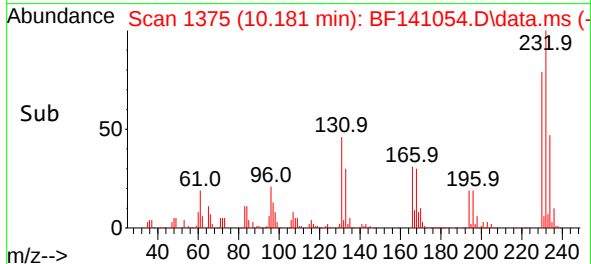
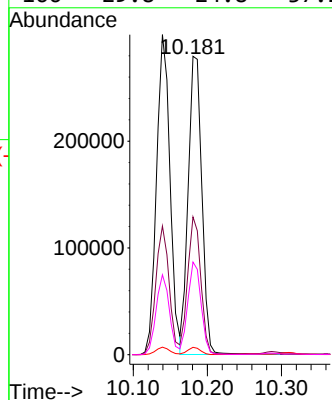
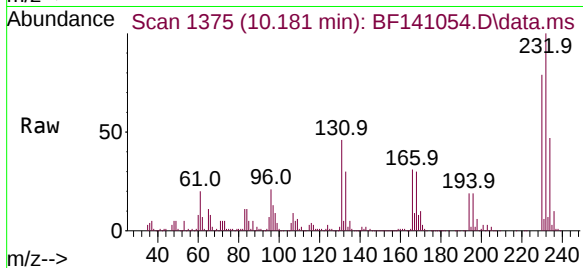




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.569 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

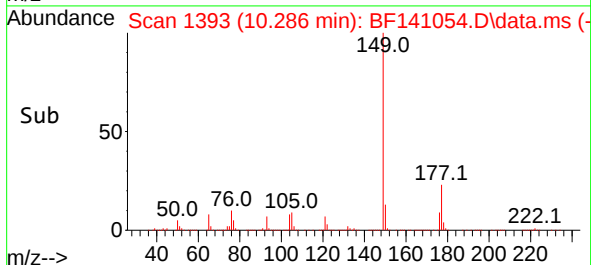
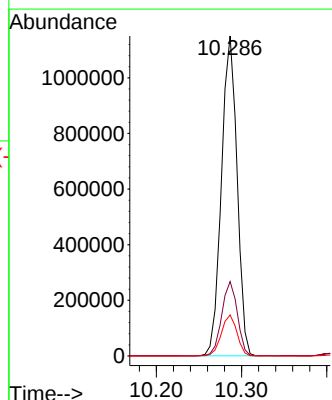
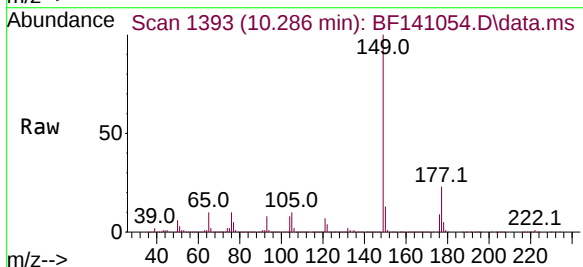
Instrument :
BNA_F
ClientSampleId :
341-349MS

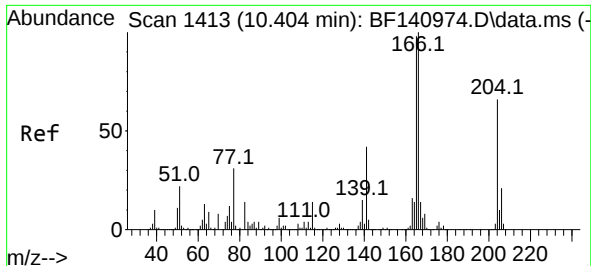
Tgt Ion:232 Resp: 359038
Ion Ratio Lower Upper
232 100
131 43.9 37.4 56.2
130 2.3 1.8 2.8
166 29.8 24.8 37.2



#60
Diethylphthalate
Concen: 50.307 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 1465873
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.8 10.4 15.6

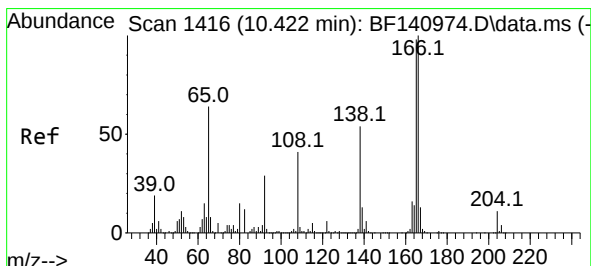
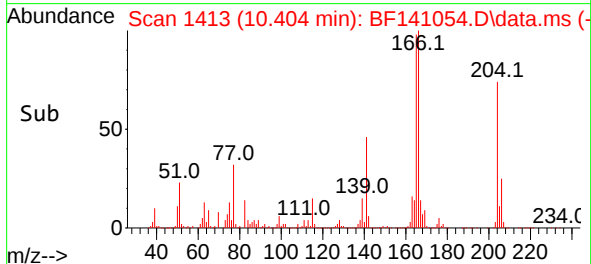
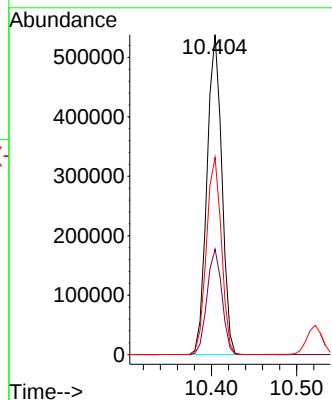
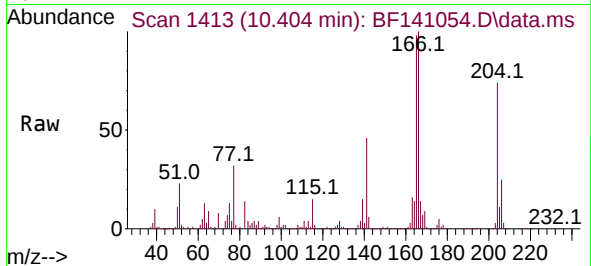




#61
4-Chlorophenyl-phenylether
Concen: 47.873 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

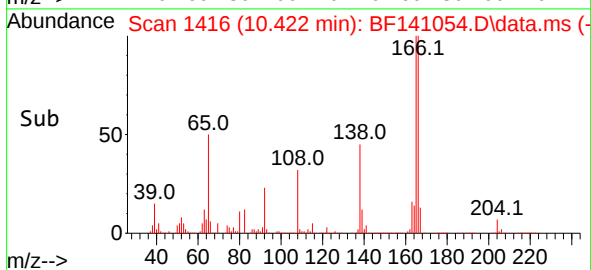
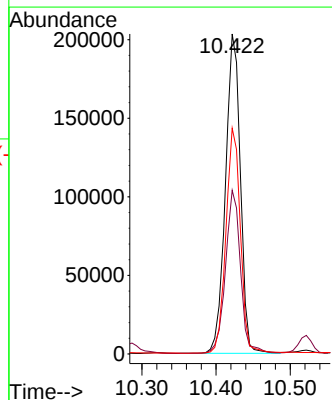
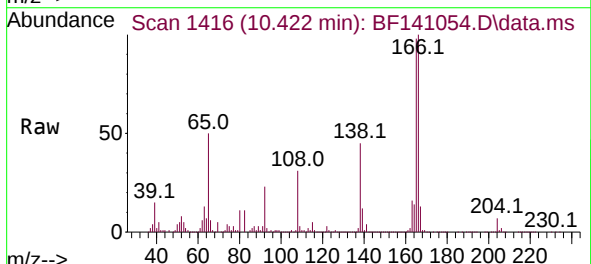
Instrument :
BNA_F
ClientSampleId :
341-349MS

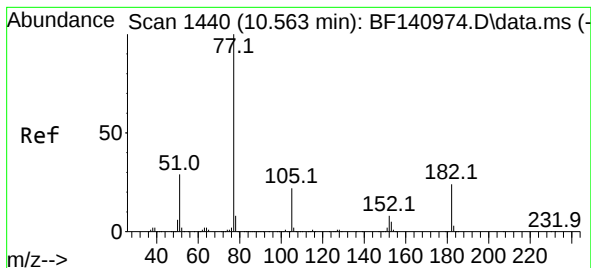
Tgt Ion:204 Resp: 651006
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 61.7 51.2 76.8



#62
4-Nitroaniline
Concen: 43.781 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:138 Resp: 284238
Ion Ratio Lower Upper
138 100
92 51.2 34.8 74.8
108 70.6 55.9 95.9





#63

Azobenzene

Concen: 51.440 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

Tgt Ion: 77 Resp: 1573251

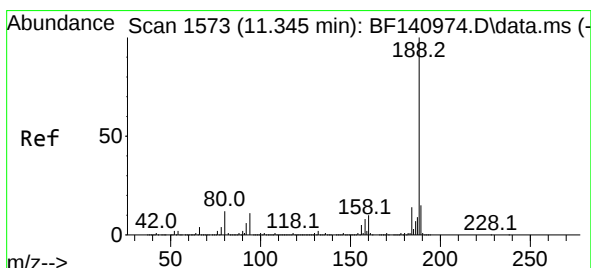
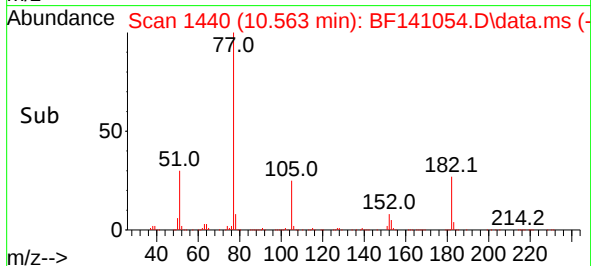
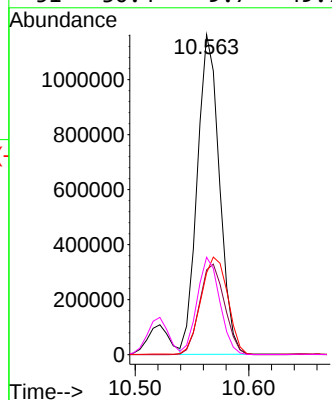
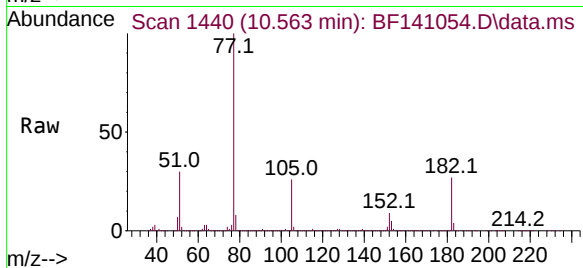
Ion Ratio Lower Upper

77 100

182 26.5 4.1 44.1

105 25.6 1.8 41.8

51 30.4 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

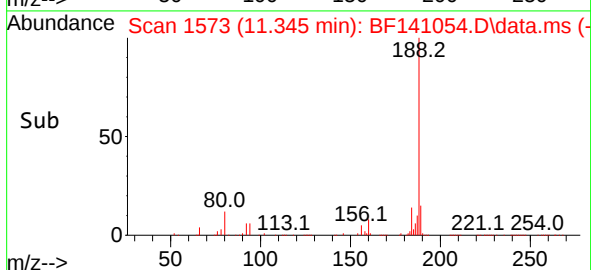
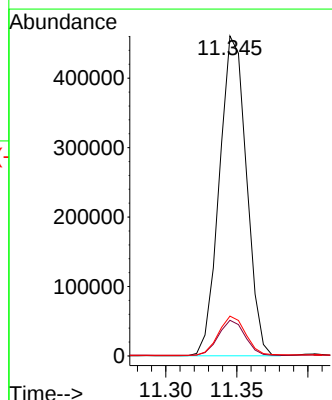
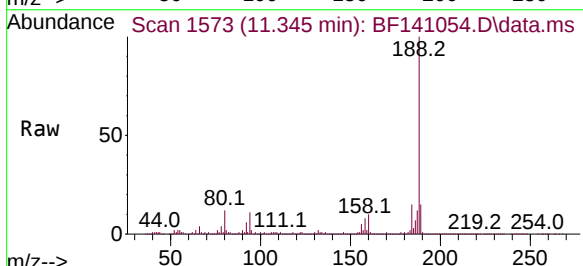
Tgt Ion:188 Resp: 609963

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.5 9.8 14.6

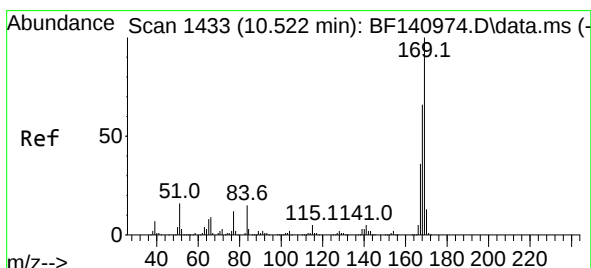
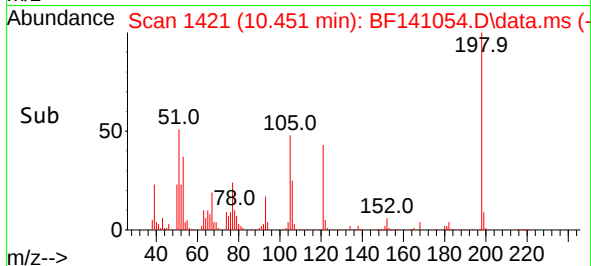
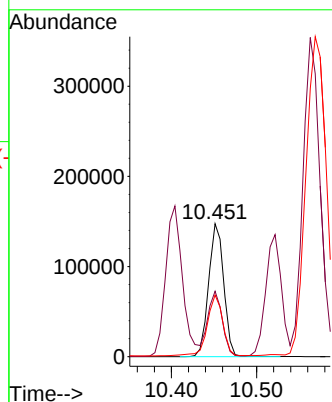
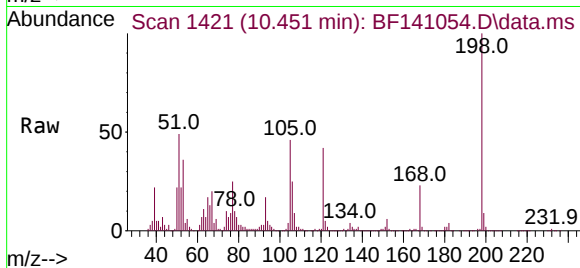




#65
4,6-Dinitro-2-methylphenol
Concen: 69.479 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

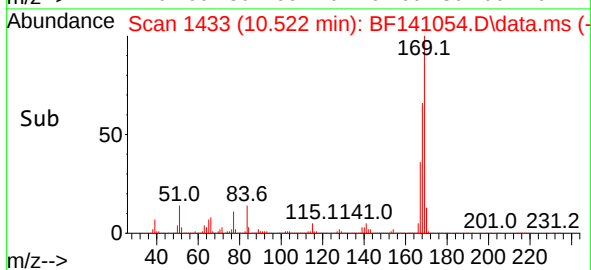
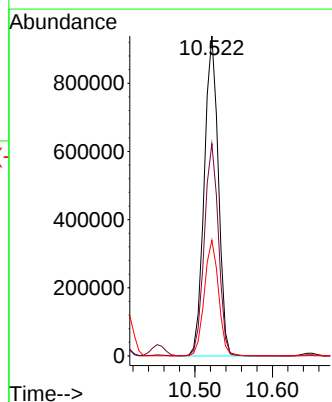
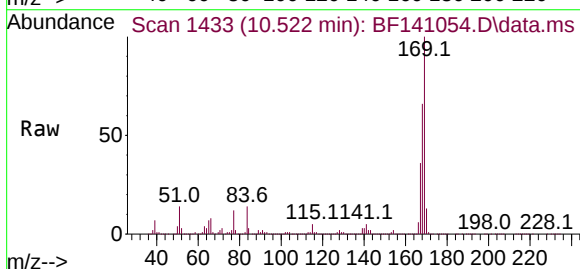
Instrument :
BNA_F
ClientSampleId :
341-349MS

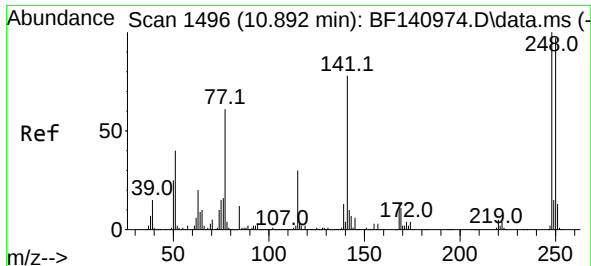
Tgt Ion:198 Resp: 181596
Ion Ratio Lower Upper
198 100
51 49.3 32.3 72.3
105 46.4 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 61.425 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:169 Resp: 1179832
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.2 29.0 43.4

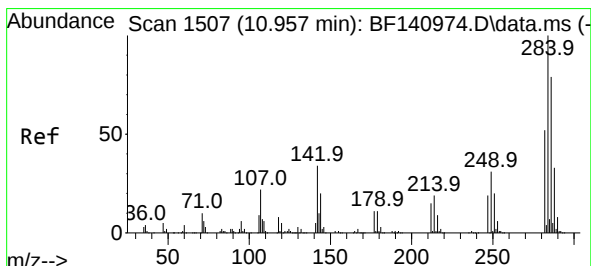
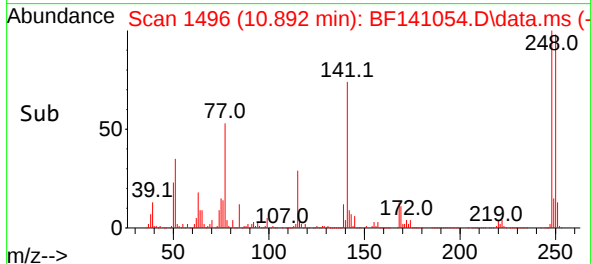
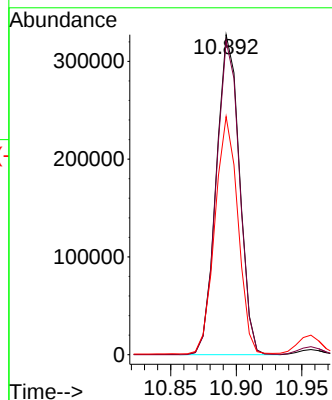
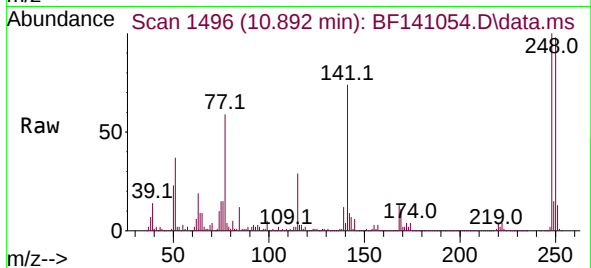




#67
4-Bromophenyl-phenylether
Concen: 61.157 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

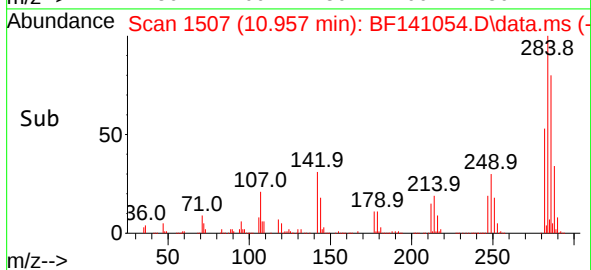
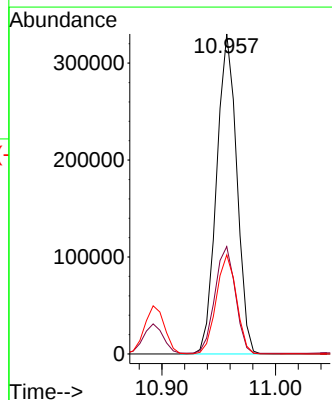
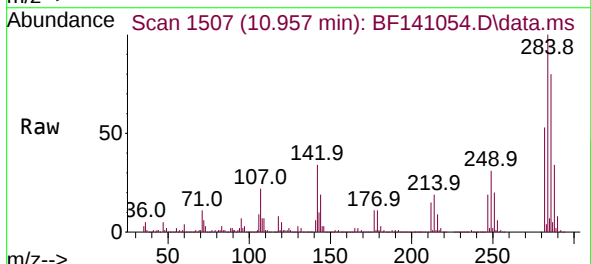
Instrument :
BNA_F
ClientSampleId :
341-349MS

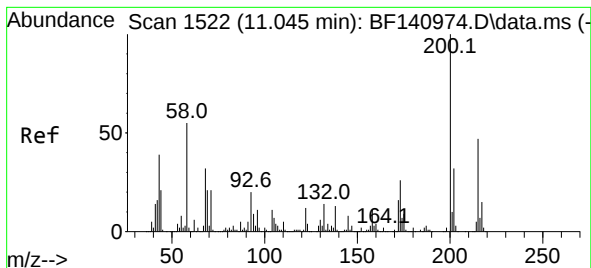
Tgt Ion:248 Resp: 403257
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 74.4 62.1 93.1



#68
Hexachlorobenzene
Concen: 56.107 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:284 Resp: 407937
Ion Ratio Lower Upper
284 100
142 33.6 27.1 40.7
249 31.0 25.1 37.7





#69

Atrazine

Concen: 69.975 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

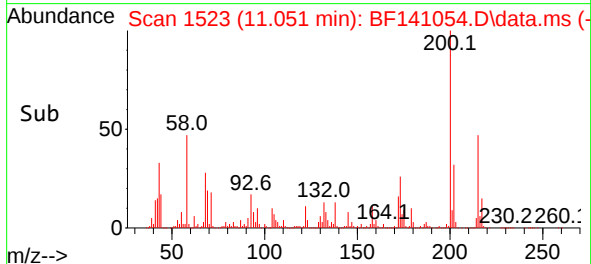
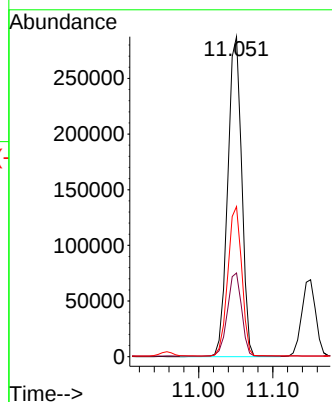
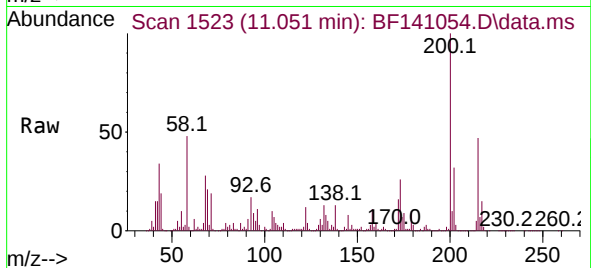
Tgt Ion:200 Resp: 375485

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 46.9 27.2 67.2



#70

Pentachlorophenol

Concen: 107.816 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

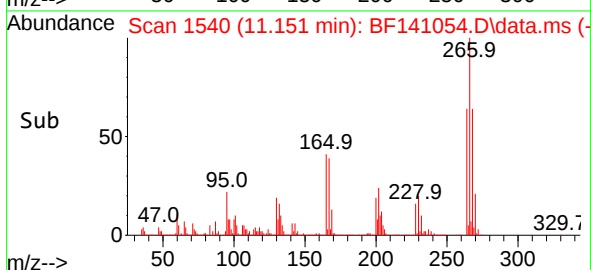
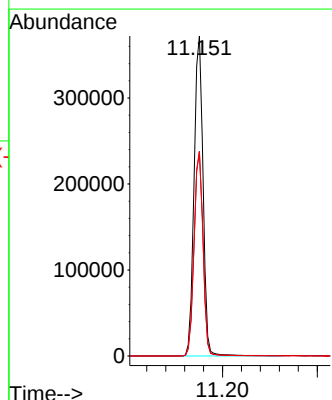
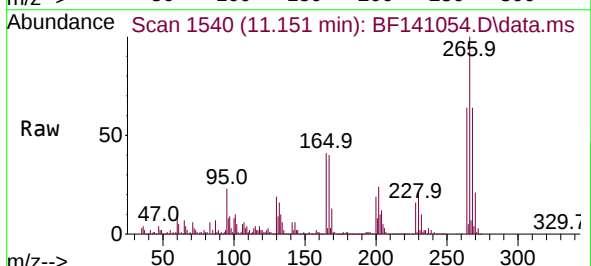
Tgt Ion:266 Resp: 488061

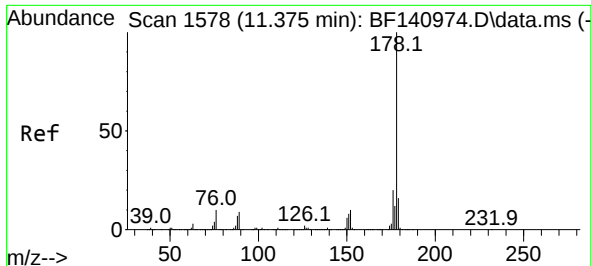
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.9 50.2 75.4

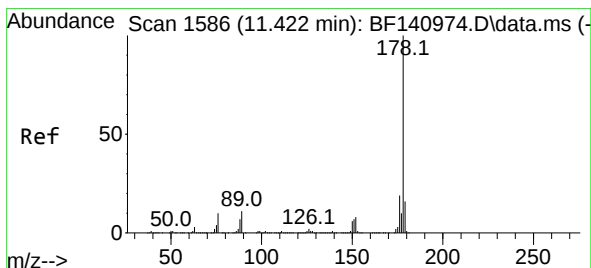
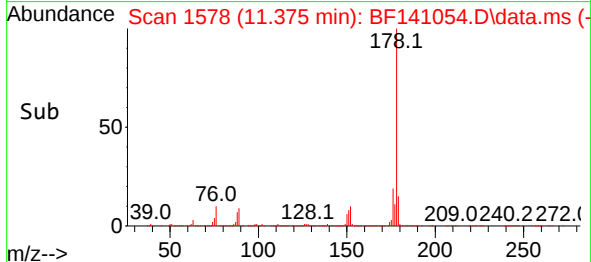
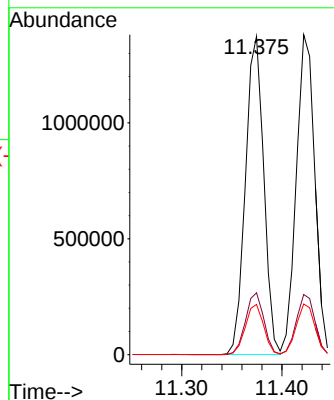
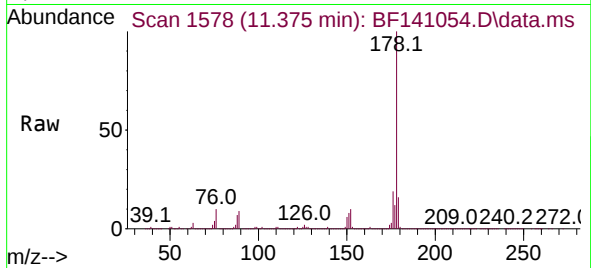




#71
Phenanthrene
Concen: 54.428 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

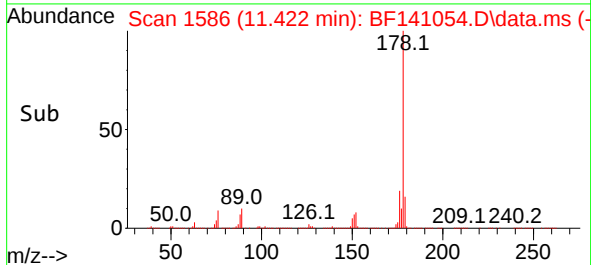
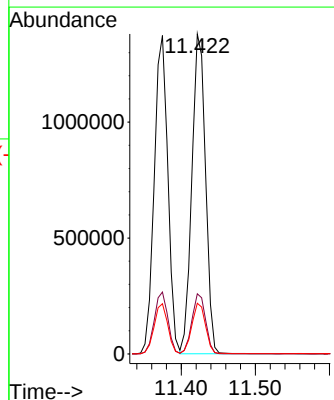
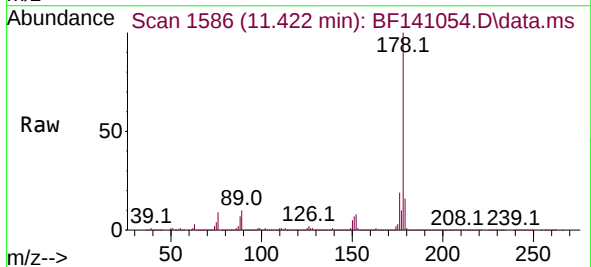
Instrument :
BNA_F
ClientSampleId :
341-349MS

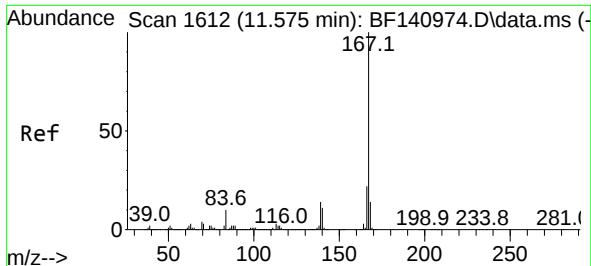
Tgt Ion:178 Resp: 1747304
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 56.073 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:178 Resp: 1763875
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.9 12.9 19.3

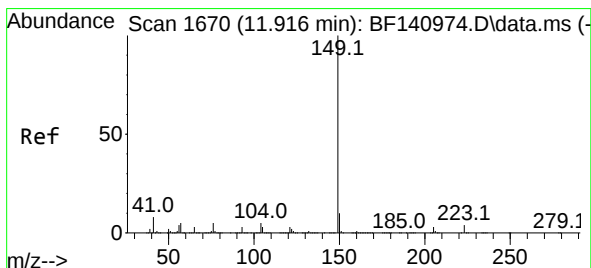
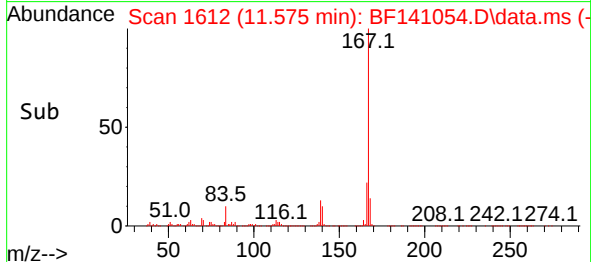
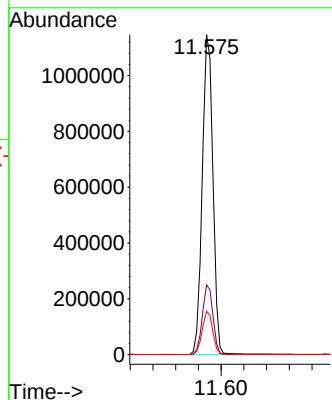
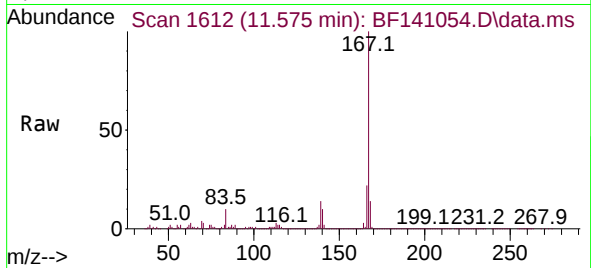




#73
 Carbazole
 Concen: 49.357 ng
 RT: 11.575 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

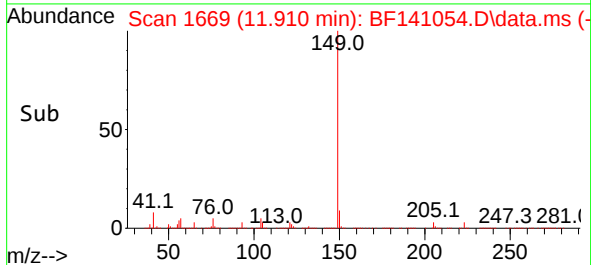
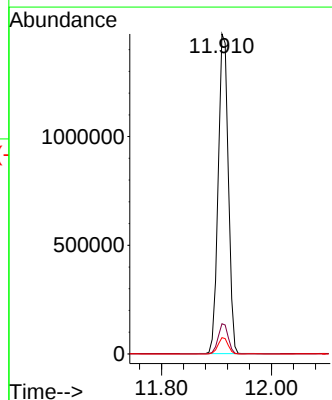
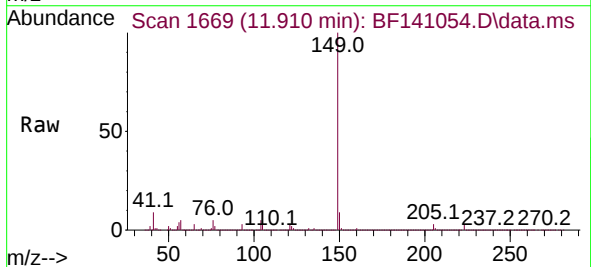
Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

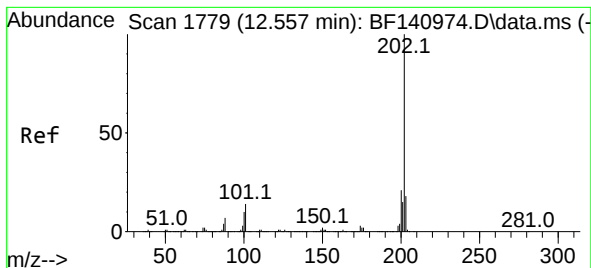
Tgt Ion:167 Resp: 1492558
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.5 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 54.715 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 1881936
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 51.674 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

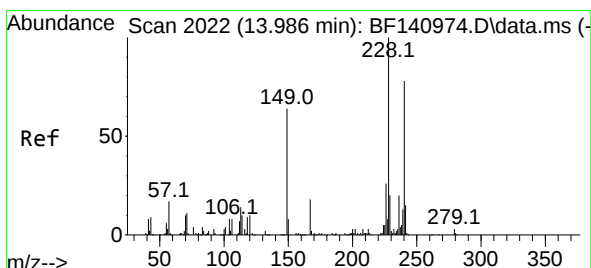
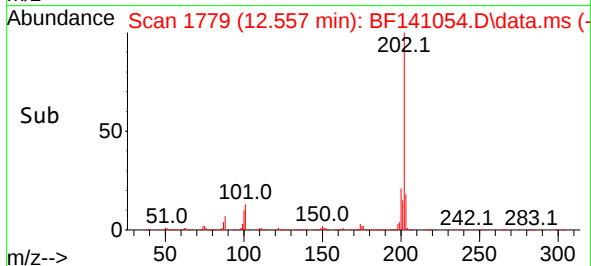
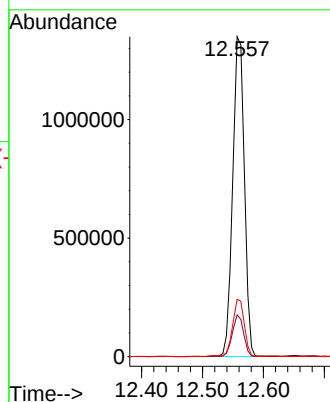
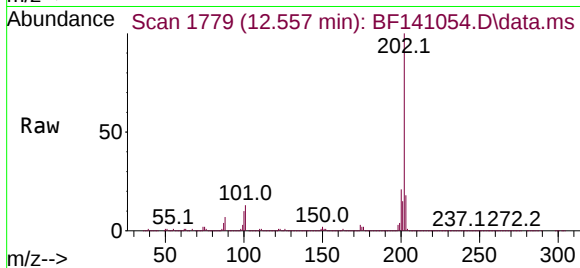
Tgt Ion:202 Resp: 1799157

Ion Ratio Lower Upper

202 100

101 13.1 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: BF141054.D

Acq: 31 Dec 2024 13:09

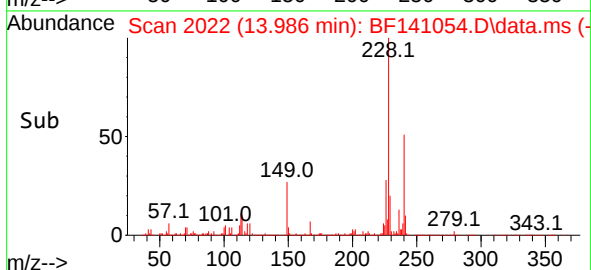
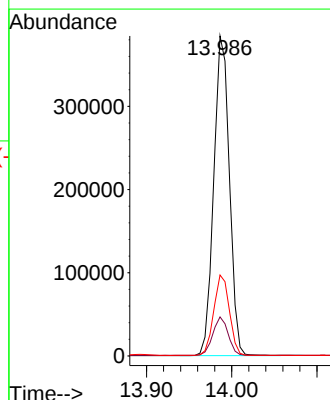
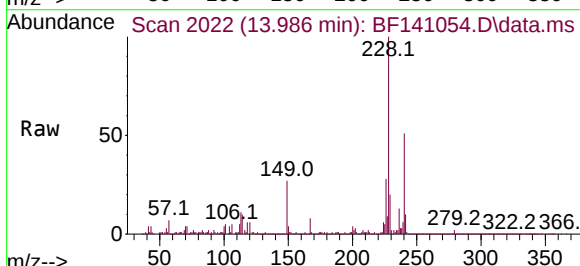
Tgt Ion:240 Resp: 489637

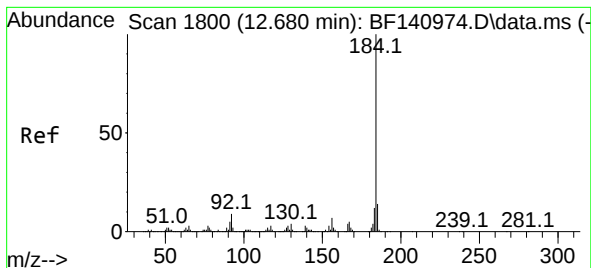
Ion Ratio Lower Upper

240 100

120 12.2 10.7 16.1

236 25.3 20.6 31.0





#77

Benzidine

Concen: 59.864 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

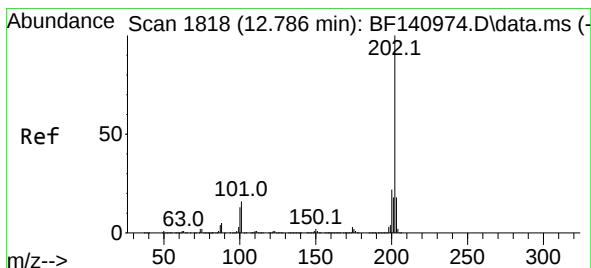
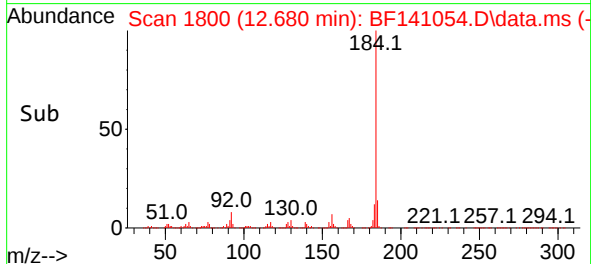
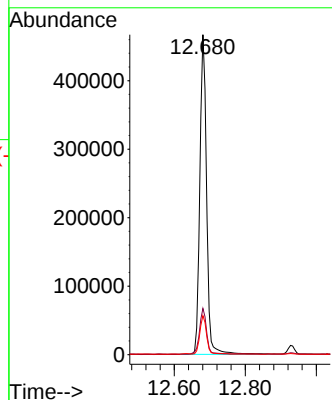
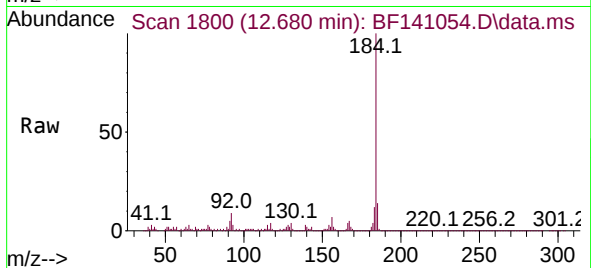
Tgt Ion:184 Resp: 619470

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 12.2 9.4 14.0



#78

Pyrene

Concen: 43.160 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

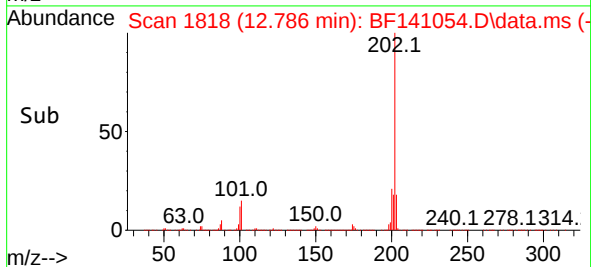
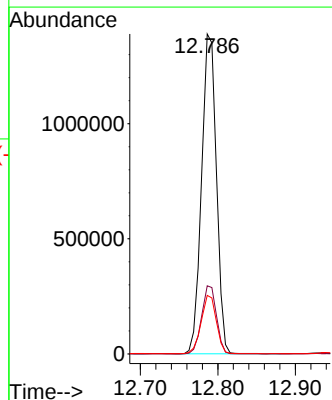
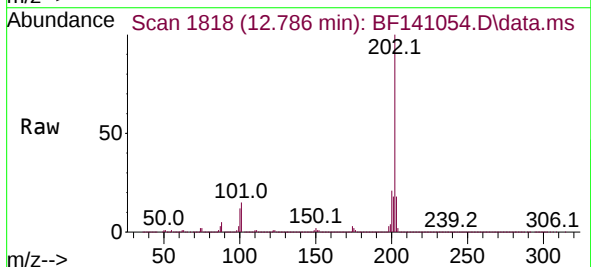
Tgt Ion:202 Resp: 1848227

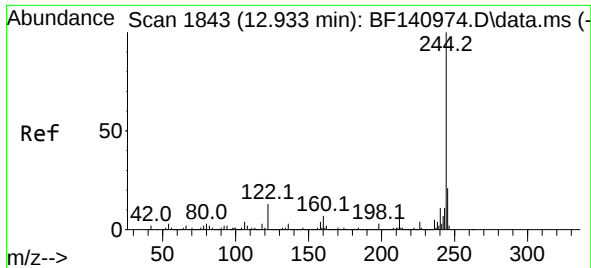
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 18.3 14.6 21.8

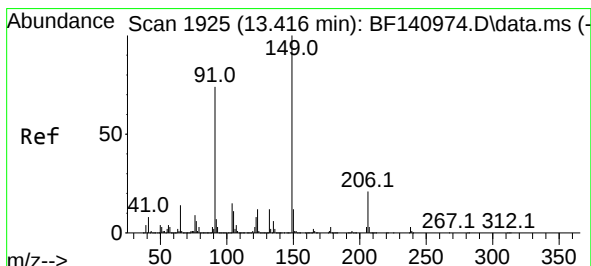
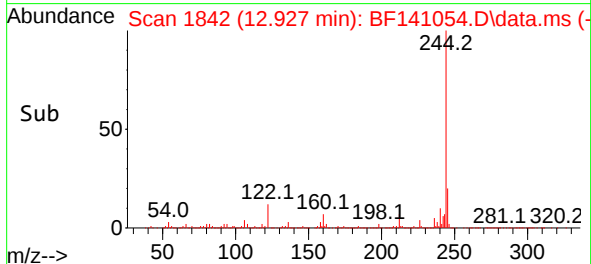
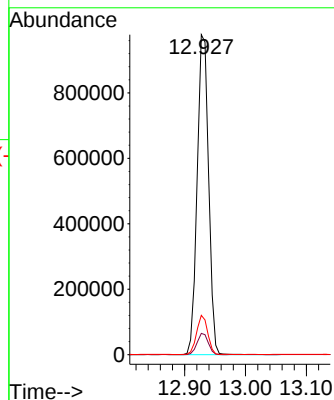
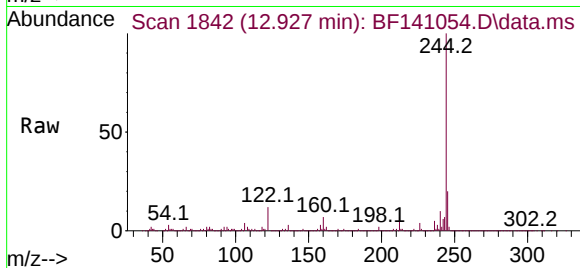




#79
 Terphenyl-d14
 Concen: 43.193 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

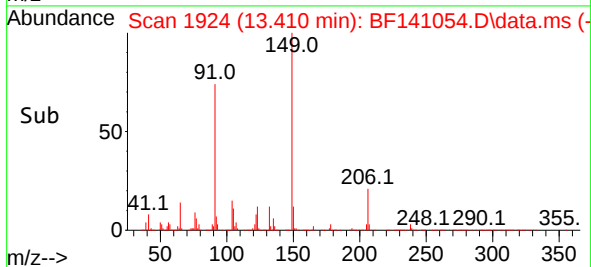
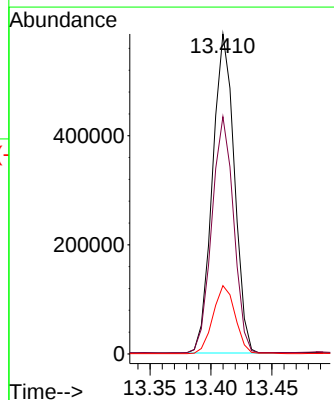
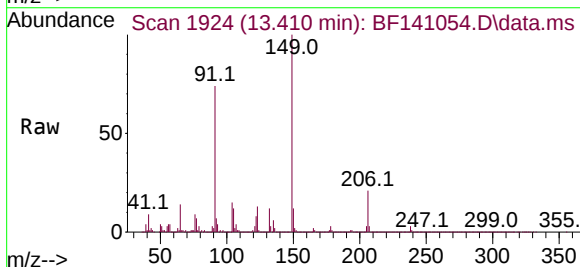
Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

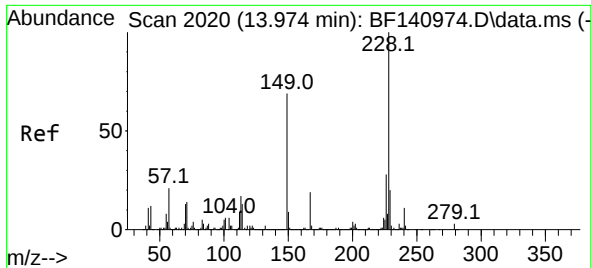
Tgt Ion:244 Resp: 1273263
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 12.3 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 46.749 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141054.D
 Acq: 31 Dec 2024 13:09

Tgt Ion:149 Resp: 731002
 Ion Ratio Lower Upper
 149 100
 91 74.2 59.5 89.3
 206 21.3 17.1 25.7

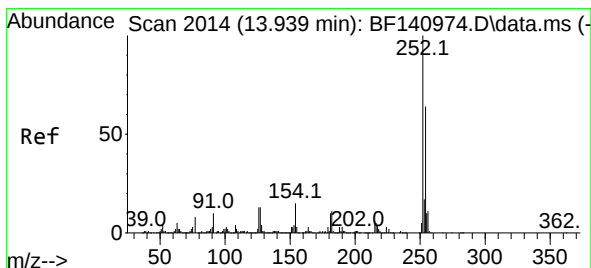
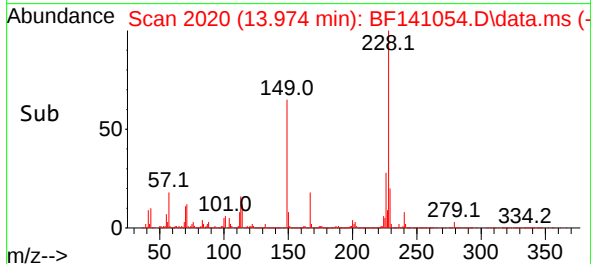
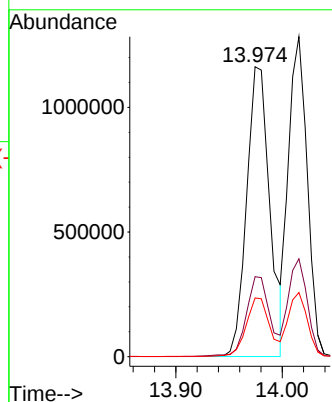
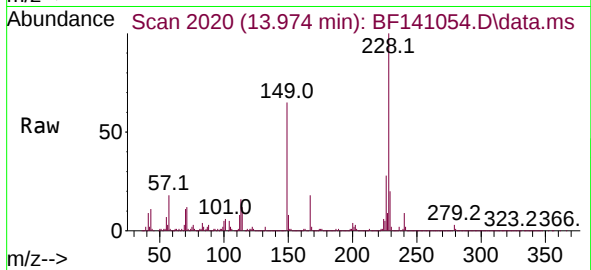




#81
Benzo(a)anthracene
Concen: 51.541 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

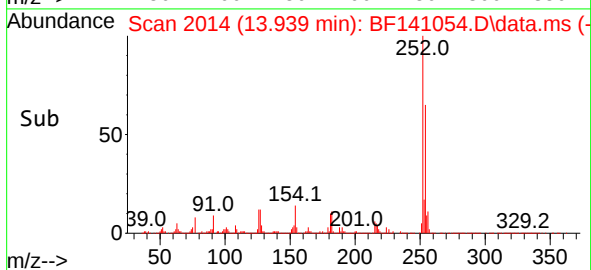
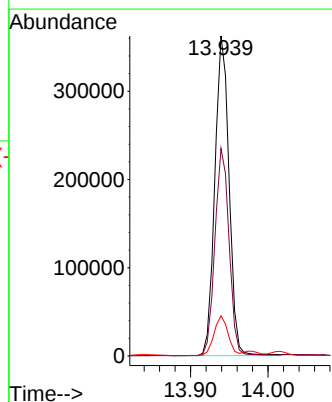
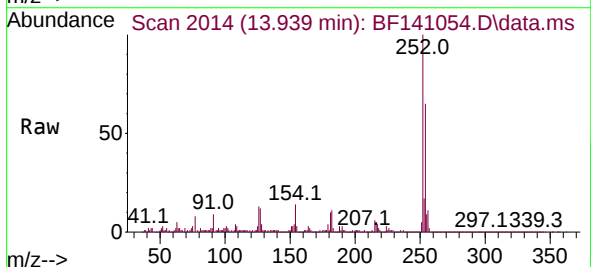
Instrument :
BNA_F
ClientSampleId :
341-349MS

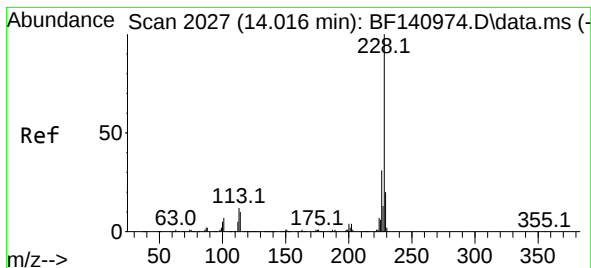
Tgt Ion:228 Resp: 1758837
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 45.037 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:252 Resp: 461749
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 12.5 10.3 15.5





#83

Chrysene

Concen: 50.879 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

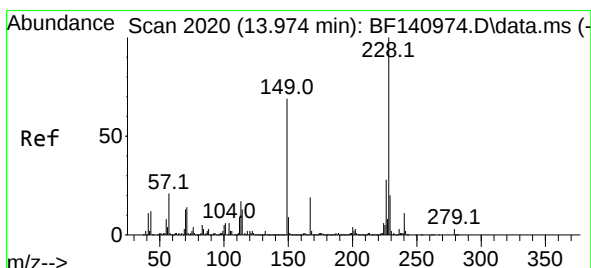
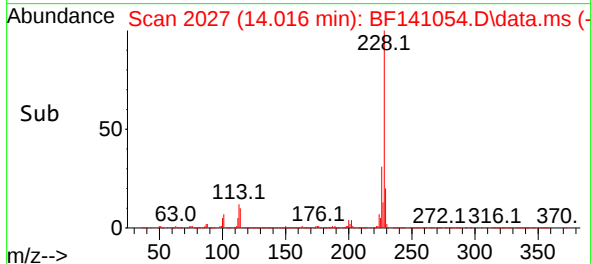
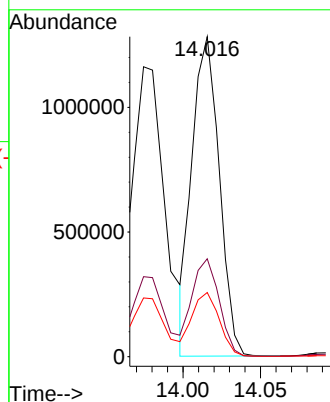
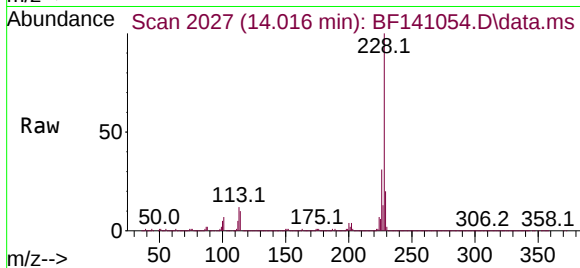
Tgt Ion:228 Resp: 1565163

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.132 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

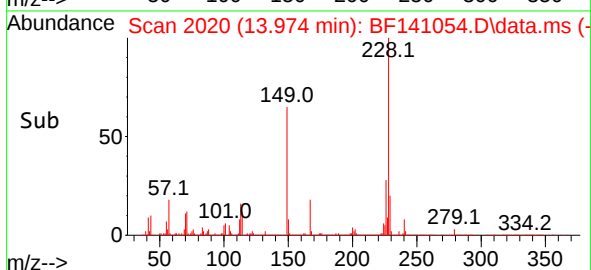
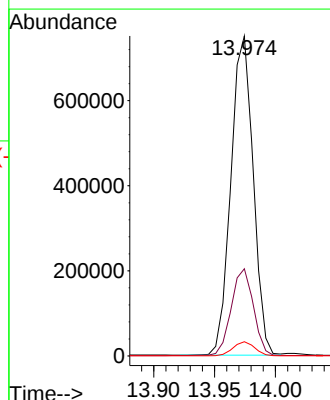
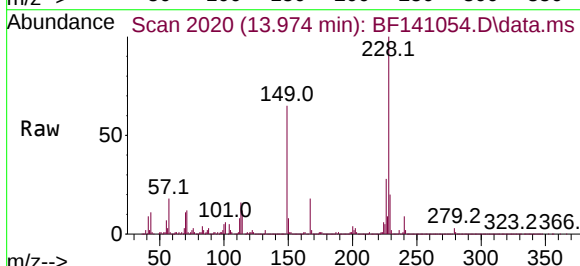
Tgt Ion:149 Resp: 955978

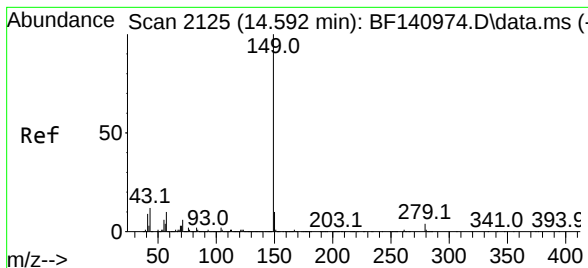
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.270 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

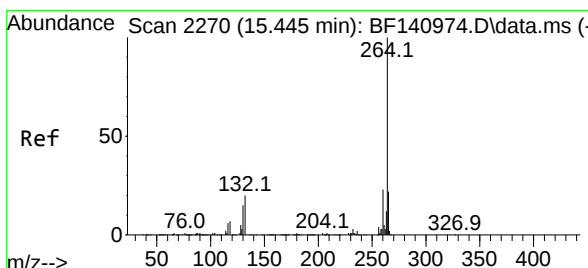
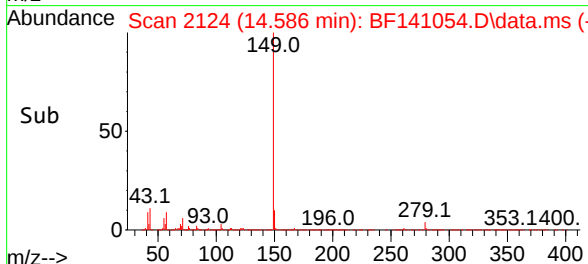
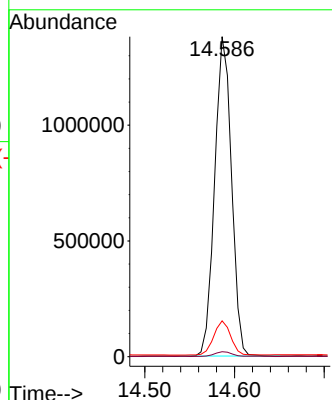
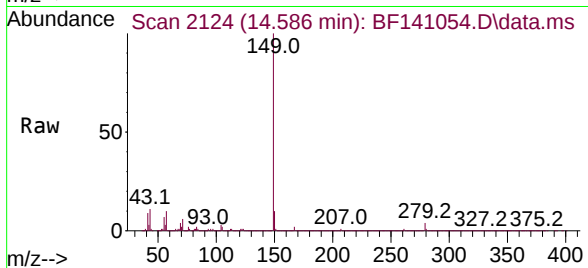
Tgt Ion:149 Resp: 1798691

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 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: BF141054.D

Acq: 31 Dec 2024 13:09

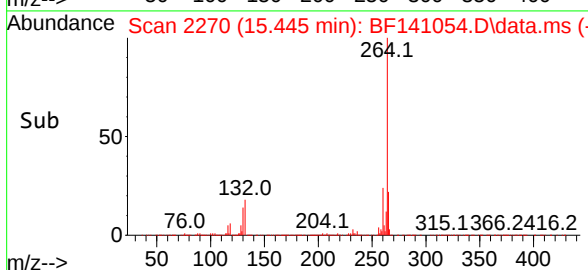
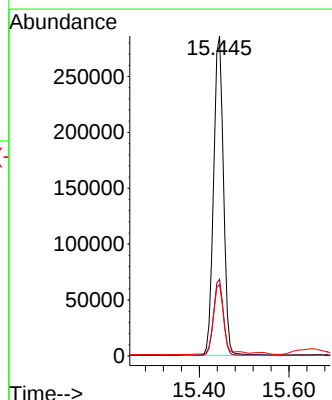
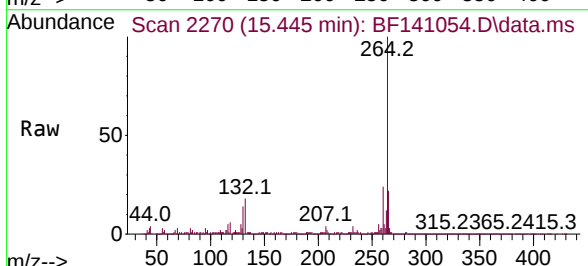
Tgt Ion:264 Resp: 436357

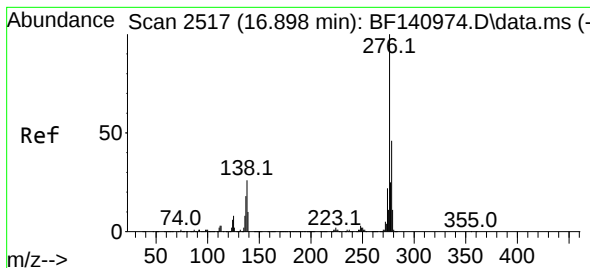
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.890 ng

RT: 16.898 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

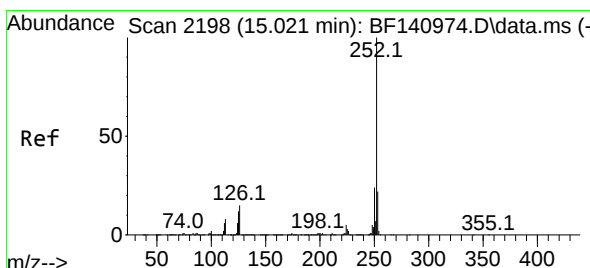
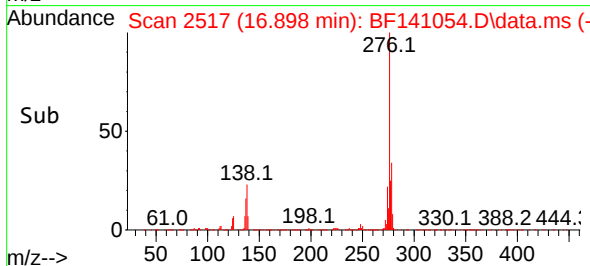
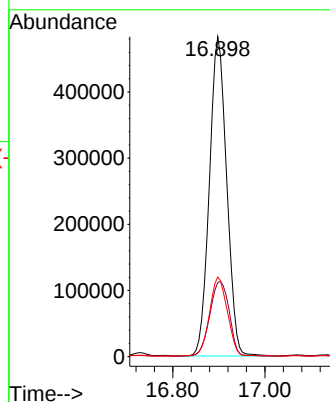
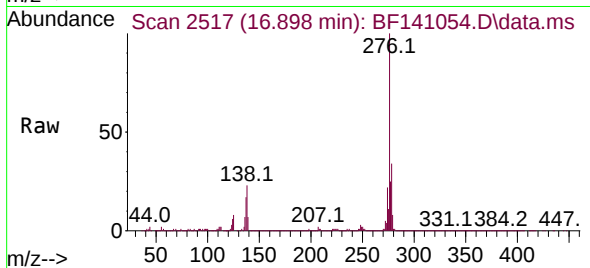
Tgt Ion:276 Resp: 1261588

Ion Ratio Lower Upper

276 100

138 26.3 23.1 34.7

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 59.254 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

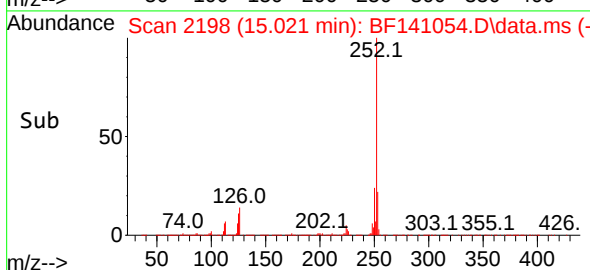
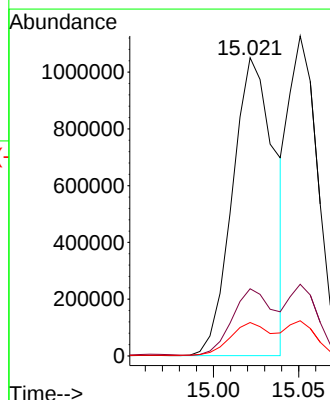
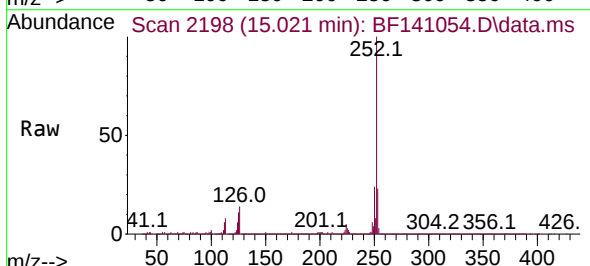
Tgt Ion:252 Resp: 1803285

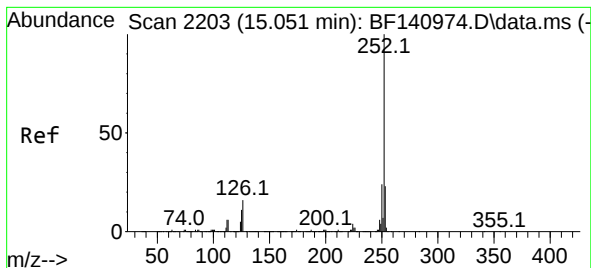
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.2 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 55.963 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

Instrument :

BNA_F

ClientSampleId :

341-349MS

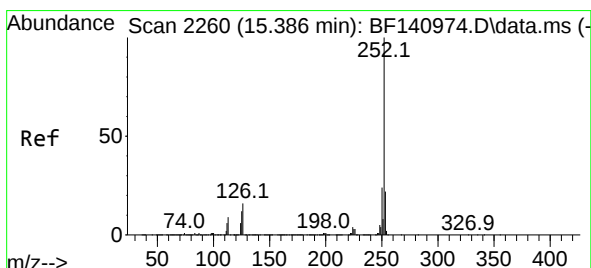
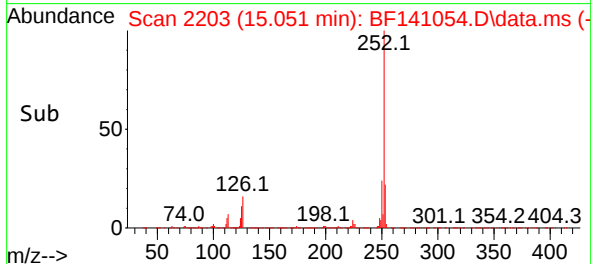
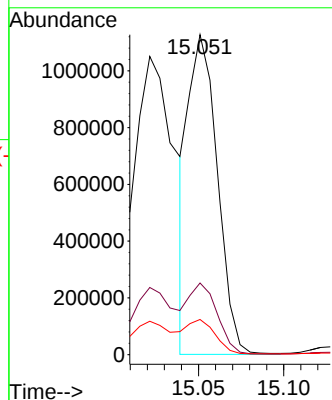
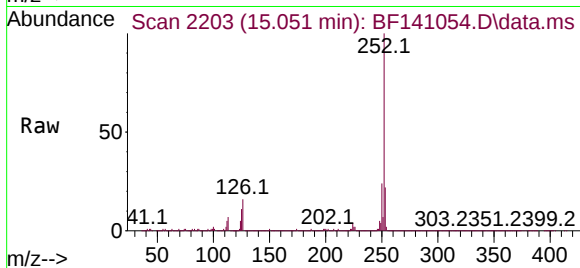
Tgt Ion:252 Resp: 1334863

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 59.625 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141054.D

Acq: 31 Dec 2024 13:09

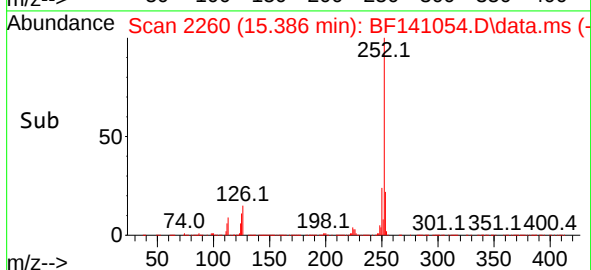
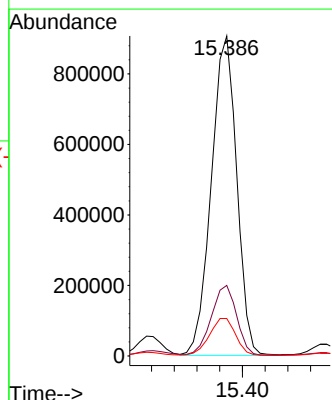
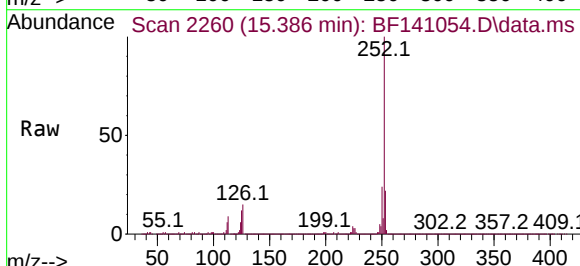
Tgt Ion:252 Resp: 1408440

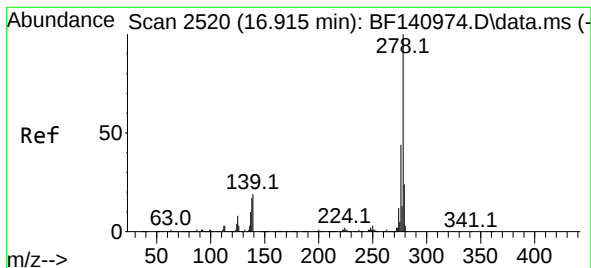
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.7 9.8 14.8

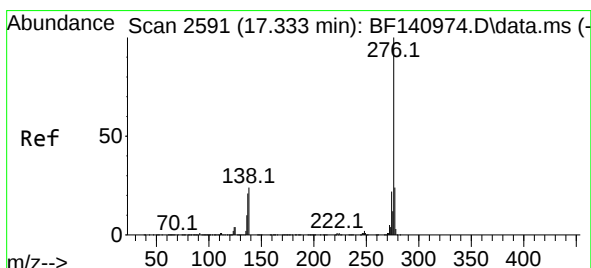
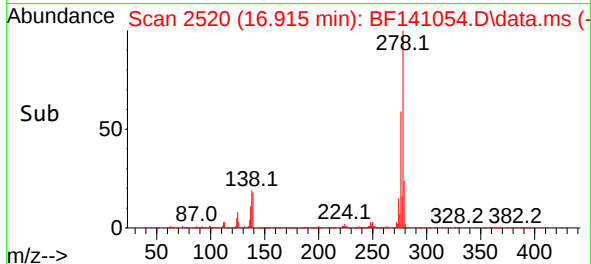
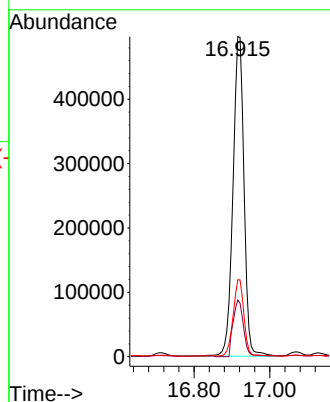
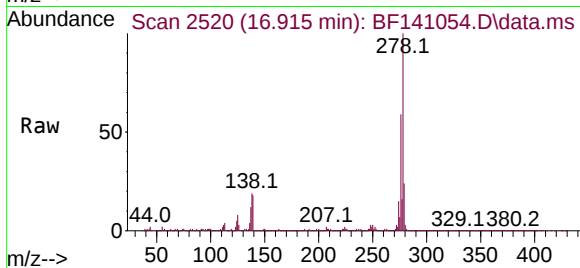




#91
Dibenzo(a,h)anthracene
Concen: 45.080 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:278 Resp: 1004607
Ion Ratio Lower Upper
278 100
139 17.7 14.9 22.3
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.546 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF141054.D
Acq: 31 Dec 2024 13:09

Tgt Ion:276 Resp: 914037
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 22.9 19.4 29.2

