

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141055.D
 Acq On : 31 Dec 2024 13:35
 Operator : RC/JU
 Sample : P5398-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

Quant Time: Dec 31 13:59:18 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	236442	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	899723	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	422063	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	595521	20.000	ng	0.00
76) Chrysene-d12	13.986	240	486184	20.000	ng	0.00
86) Perylene-d12	15.445	264	407270	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1150444	73.344	ng	0.01
7) Phenol-d6	6.451	99	1436238	71.078	ng	0.00
23) Nitrobenzene-d5	7.392	82	890312	63.309	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	323373	78.848	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1543983	58.284	ng	0.00
79) Terphenyl-d14	12.933	244	1278027	43.662	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.634	88	312315	43.979	ng	98
3) Pyridine	3.375	79	808776	46.603	ng	98
4) n-Nitrosodimethylamine	3.322	42	416383	47.353	ng	99
6) Aniline	6.492	93	725586	40.263	ng	100
8) 2-Chlorophenol	6.610	128	837607	50.649	ng	98
9) Benzaldehyde	6.375	77	146347	8.245	ng	97
10) Phenol	6.469	94	1049594	50.234	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	806043	47.778	ng	99
12) 1,3-Dichlorobenzene	6.769	146	866581	47.481	ng	99
13) 1,4-Dichlorobenzene	6.845	146	870931	47.337	ng	100
14) 1,2-Dichlorobenzene	6.998	146	827195	48.221	ng	98
15) Benzyl Alcohol	6.969	79	720881	49.646	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1220518	47.838	ng	99
17) 2-Methylphenol	7.081	107	658120	47.902	ng	99
18) Hexachloroethane	7.345	117	316913	48.489	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	571361	46.155	ng	98
20) 3+4-Methylphenols	7.234	107	809325	46.550	ng	# 82
22) Acetophenone	7.239	105	1062382	48.134	ng	99
24) Nitrobenzene	7.410	77	857464	54.567	ng	96
25) Isophorone	7.651	82	1538330	50.269	ng	99
26) 2-Nitrophenol	7.728	139	423389	63.786	ng	98
27) 2,4-Dimethylphenol	7.763	122	660407	59.049	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	954302	49.219	ng	99
29) 2,4-Dichlorophenol	7.963	162	651042	51.326	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	689452	48.023	ng	99
31) Naphthalene	8.133	128	2243995	47.332	ng	100
32) Benzoic acid	7.875	122	506586	53.912	ng	95
33) 4-Chloroaniline	8.175	127	328431	19.149	ng	99
34) Hexachlorobutadiene	8.251	225	420065	49.631	ng	99
35) Caprolactam	8.545	113	210298m	48.769	ng	
36) 4-Chloro-3-methylphenol	8.657	107	672075	47.710	ng	98
37) 2-Methylnaphthalene	8.822	142	1455119	47.976	ng	100
38) 1-Methylnaphthalene	8.922	142	1337747	44.879	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	645918	55.628	ng	99
41) Hexachlorocyclopentadiene	8.975	237	439727	114.277	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	440697	57.026	ng	99

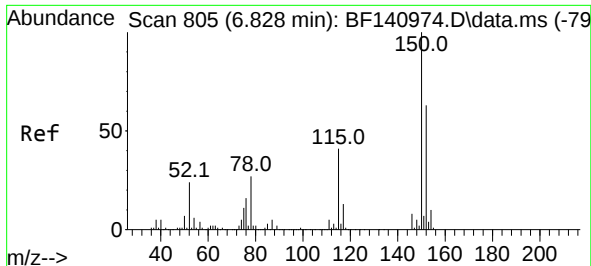
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	436520	55.205	ng	97
46) 1,1'-Biphenyl	9.286	154	1738265	53.788	ng	100
47) 2-Chloronaphthalene	9.310	162	1292394	51.563	ng	99
48) 2-Nitroaniline	9.404	65	409672	61.078	ng	93
49) Acenaphthylene	9.727	152	1956145	54.215	ng	100
50) Dimethylphthalate	9.586	163	1544551	55.636	ng	100
51) 2,6-Dinitrotoluene	9.645	165	333318	58.045	ng	94
52) Acenaphthene	9.898	154	1335161	54.737	ng	99
53) 3-Nitroaniline	9.810	138	245343	40.402	ng	# 94
54) 2,4-Dinitrophenol	9.916	184	216804	90.643	ng	# 1
55) Dibenzofuran	10.069	168	1720066	50.177	ng	99
56) 4-Nitrophenol	9.969	139	492681	103.747	ng	96
57) 2,4-Dinitrotoluene	10.045	165	414756	58.753	ng	96
58) Fluorene	10.410	166	1249855	47.018	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	344444	52.597	ng	97
60) Diethylphthalate	10.286	149	1435950	52.393	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	638770	49.940	ng	97
62) 4-Nitroaniline	10.422	138	271566	44.418	ng	93
63) Azobenzene	10.563	77	1514678	52.652	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	152628	61.112	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1141034	60.846	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	387776	60.235	ng	98
68) Hexachlorobenzene	10.957	284	393810	55.477	ng	100
69) Atrazine	11.051	200	362304	69.156	ng	100
70) Pentachlorophenol	11.151	266	476486	107.812	ng	99
71) Phenanthrene	11.374	178	1682118	53.668	ng	100
72) Anthracene	11.421	178	1728111	56.268	ng	99
73) Carbazole	11.574	167	1467349	49.700	ng	99
74) Di-n-butylphthalate	11.910	149	1863485	55.493	ng	100
75) Fluoranthene	12.557	202	1819877	53.536	ng	99
77) Benzidine	12.680	184	745504	72.555	ng	100
78) Pyrene	12.786	202	1871821	44.021	ng	100
80) Butylbenzylphthalate	13.410	149	757573	48.792	ng	99
81) Benzo(a)anthracene	13.980	228	1775748	52.406	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	509004	49.998	ng	99
83) Chrysene	14.015	228	1614233	52.847	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	983293	48.823	ng	99
85) Di-n-octyl phthalate	14.592	149	1843066	63.228	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1221342	47.599	ng	97
88) Benzo(b)fluoranthene	15.021	252	1674460	58.950	ng	99
89) Benzo(k)fluoranthene	15.051	252	1351994	60.729	ng	99
90) Benzo(a)pyrene	15.386	252	1314307	59.614	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	983355	47.278	ng	98
92) Benzo(g,h,i)perylene	17.339	276	907783	42.080	ng	98

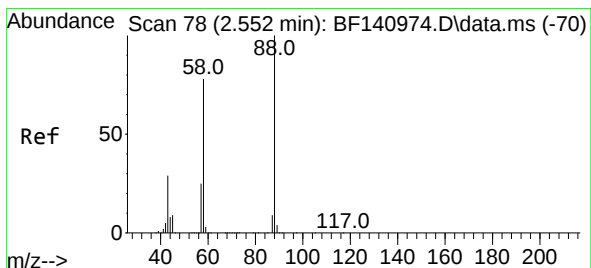
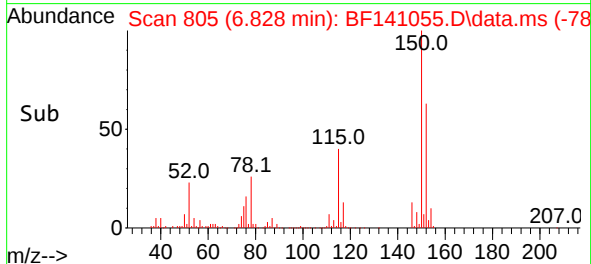
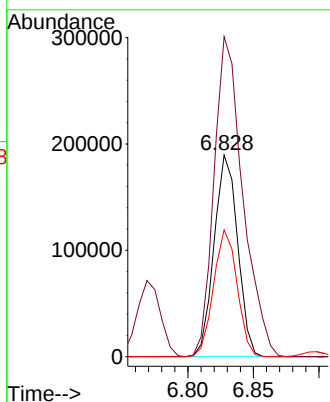
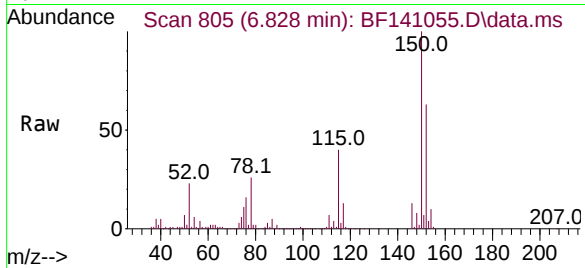
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

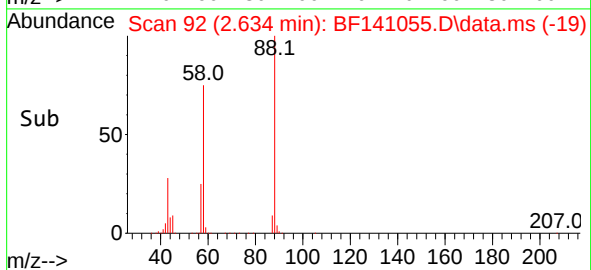
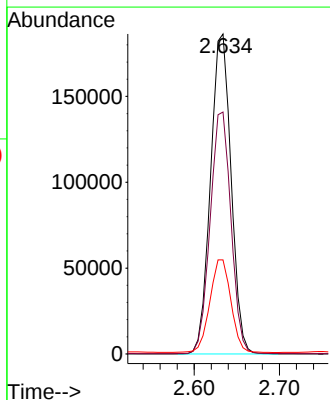
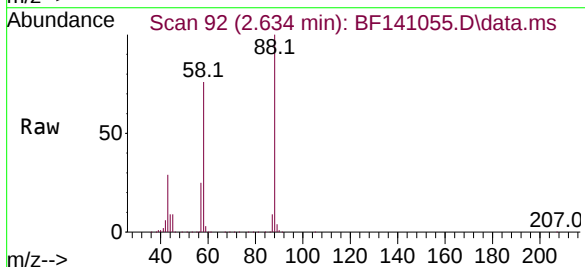
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

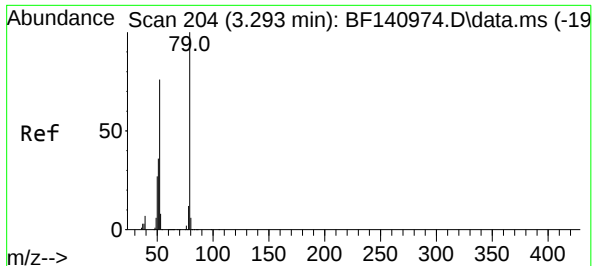
Tgt Ion:152 Resp: 236442
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.0 190.6
 115 63.0 51.7 77.5



#2
 1,4-Dioxane
 Concen: 43.979 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.082 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

Tgt Ion: 88 Resp: 312315
 Ion Ratio Lower Upper
 88 100
 58 76.4 63.0 94.4
 43 29.7 23.4 35.2

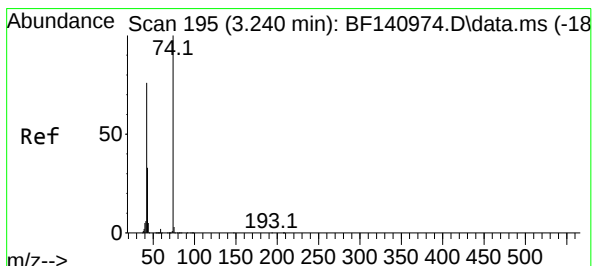
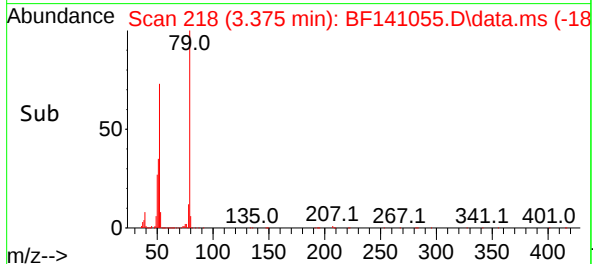
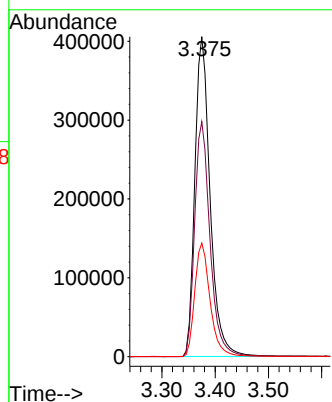
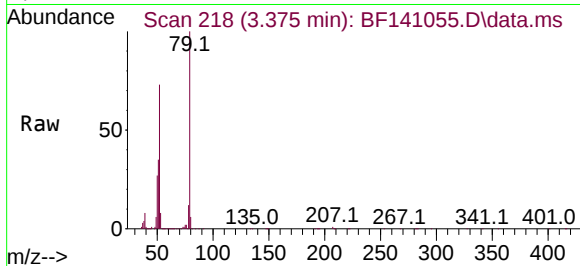




#3
Pyridine
Concen: 46.603 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

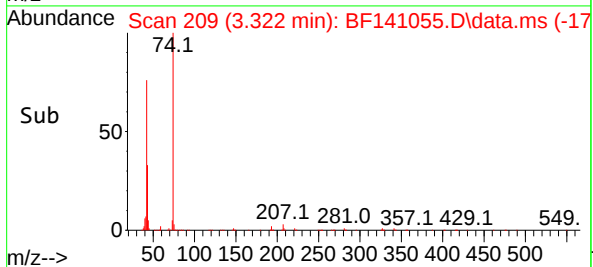
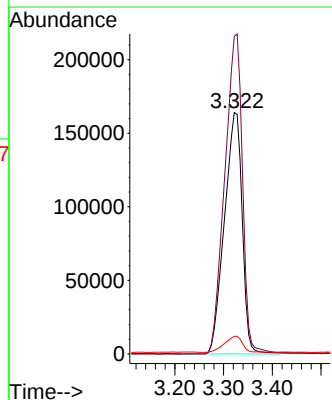
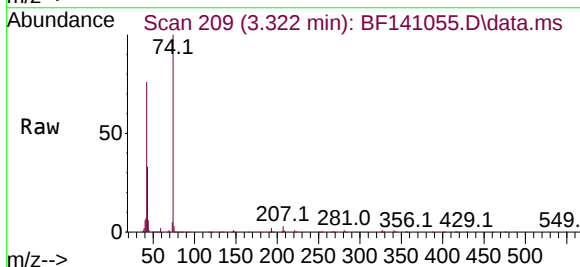
Instrument :
BNA_F
ClientSampleId :
341-349MSD

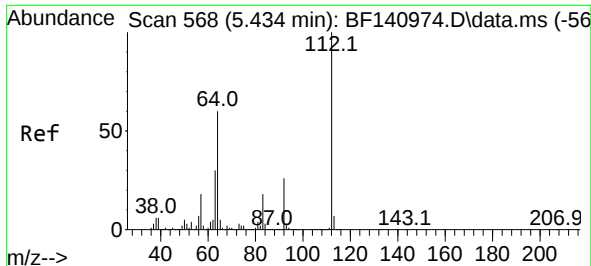
Tgt Ion: 79 Resp: 808776
Ion Ratio Lower Upper
79 100
52 73.5 60.4 90.6
51 35.5 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.353 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion: 42 Resp: 416383
Ion Ratio Lower Upper
42 100
74 131.5 105.8 158.6
44 7.3 6.6 10.0

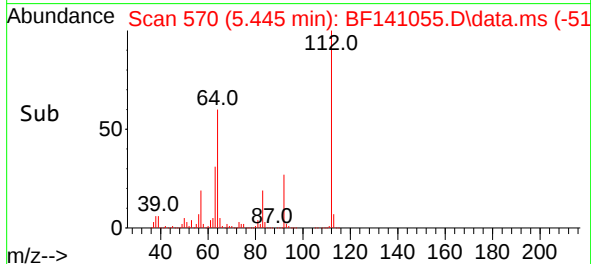
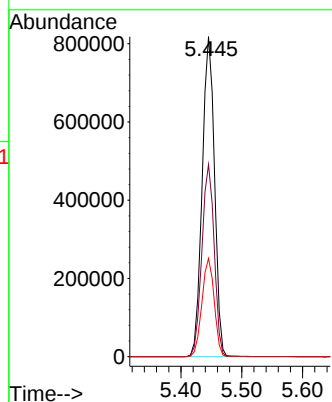
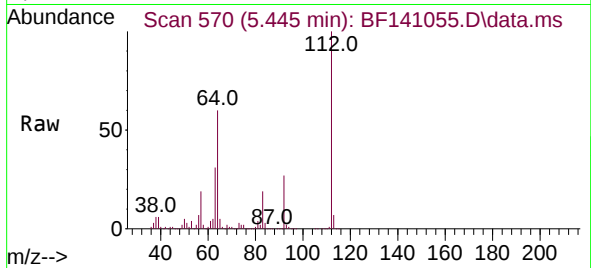




#5
2-Fluorophenol
Concen: 73.344 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

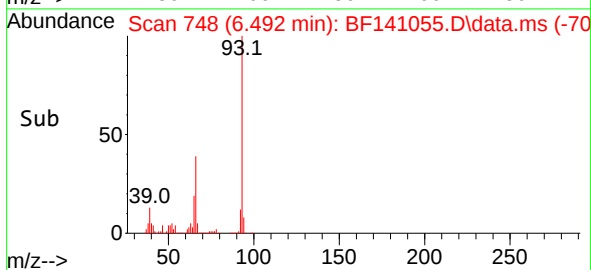
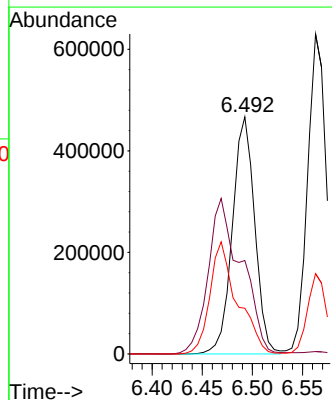
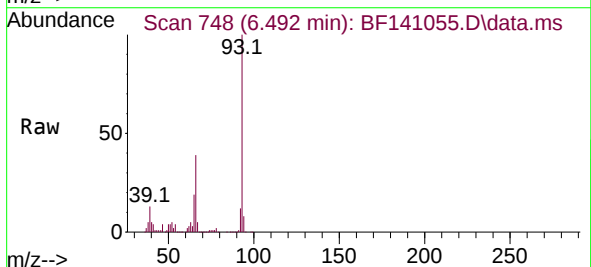
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:112 Resp: 1150444
Ion Ratio Lower Upper
112 100
64 60.1 47.7 71.5
63 30.7 24.2 36.2



#6
Aniline
Concen: 40.263 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion: 93 Resp: 725586
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 19.3 15.4 23.0

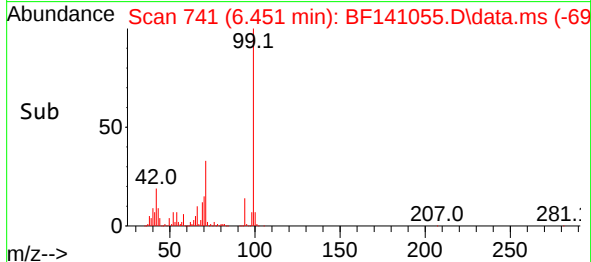
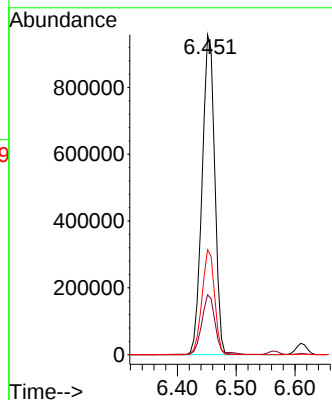
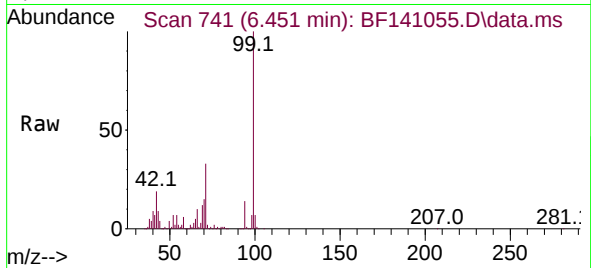




#7
Phenol-d6
Concen: 71.078 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

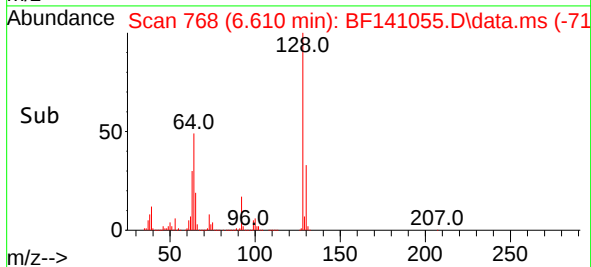
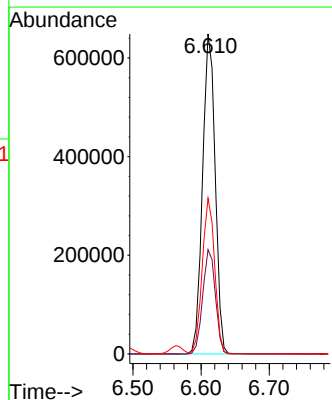
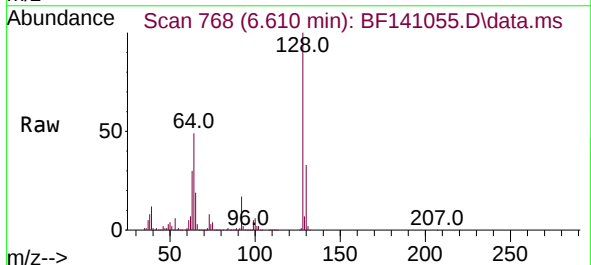
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion: 99 Resp: 1436238
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.8 26.2 39.2



#8
2-Chlorophenol
Concen: 50.649 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:128 Resp: 837607
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 48.7 30.3 70.3





#9

Benzaldehyde

Concen: 8.245 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

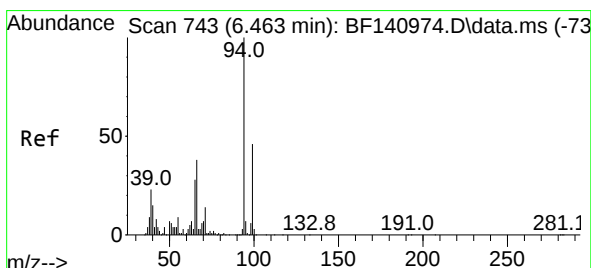
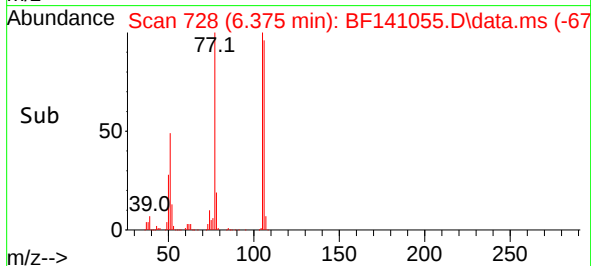
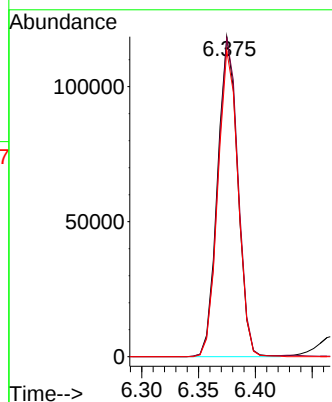
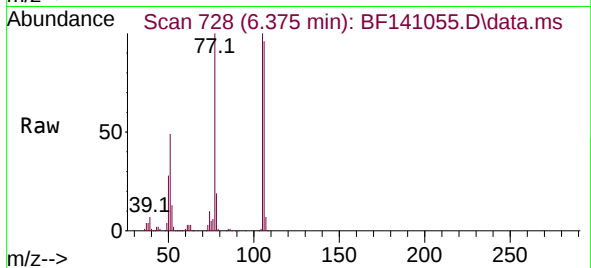
Tgt Ion: 77 Resp: 146347

Ion Ratio Lower Upper

77 100

105 99.6 76.2 116.2

106 95.7 73.4 113.4



#10

Phenol

Concen: 50.234 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

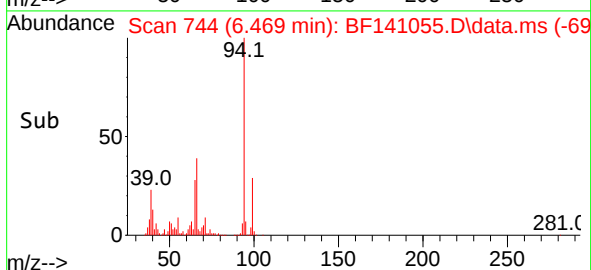
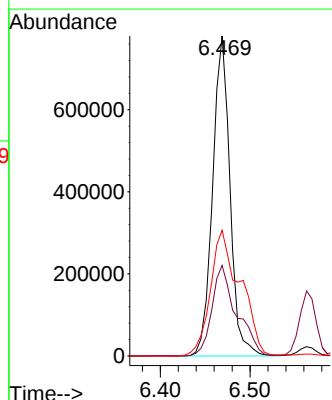
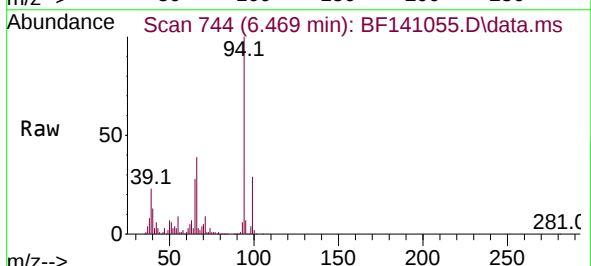
Tgt Ion: 94 Resp: 1049594

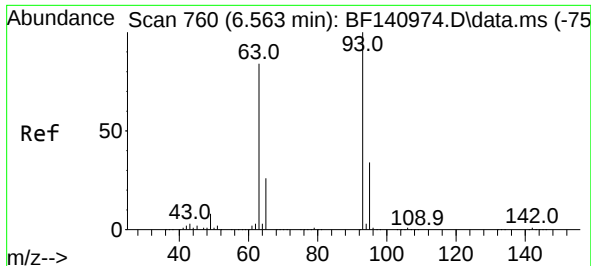
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 39.3 18.7 58.7

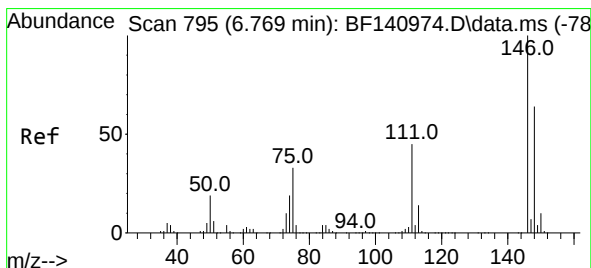
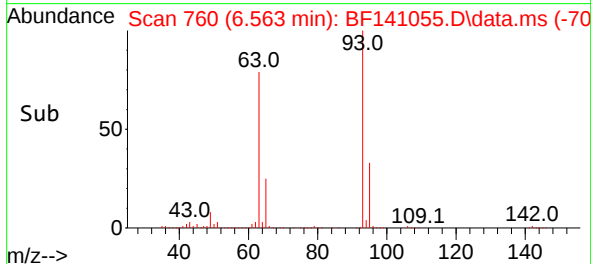
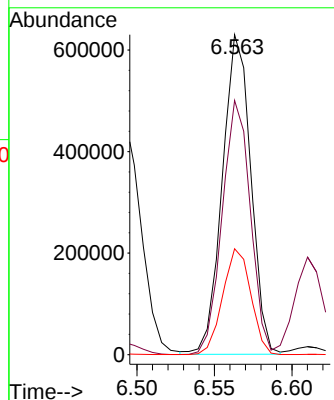
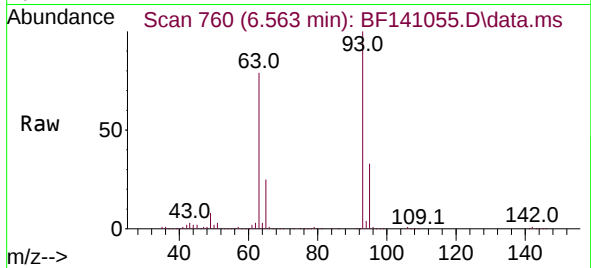




#11
bis(2-Chloroethyl)ether
Concen: 47.778 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

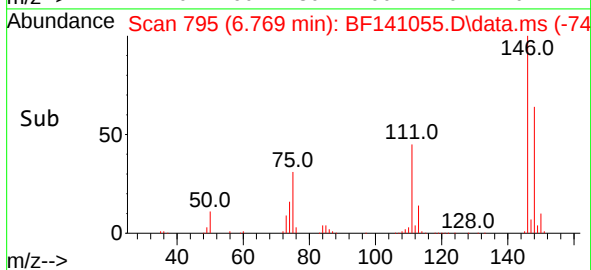
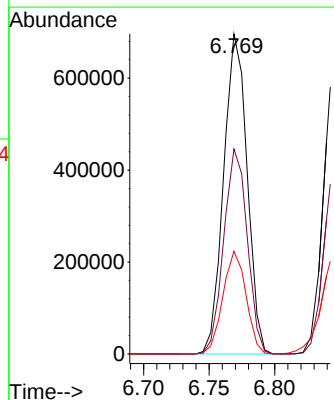
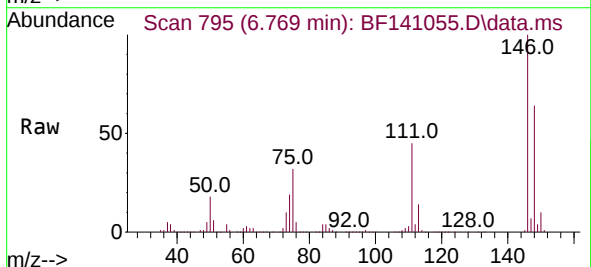
Instrument :
BNA_F
ClientSampleId :
341-349MSD

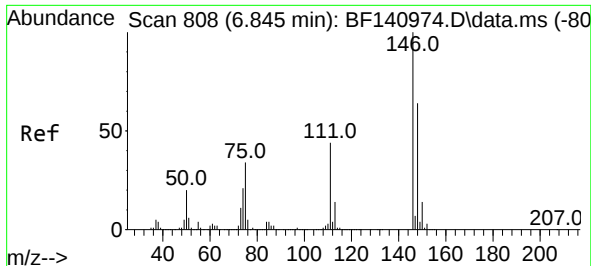
Tgt Ion: 93 Resp: 806043
Ion Ratio Lower Upper
93 100
63 79.4 60.3 100.3
95 33.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.481 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:146 Resp: 866581
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 32.1 26.1 39.1

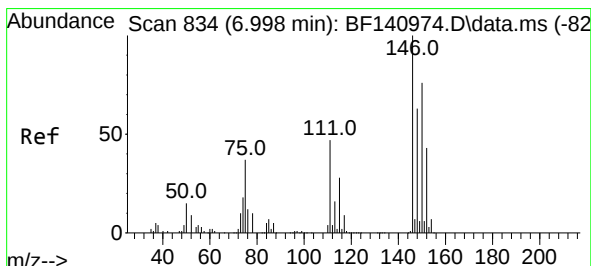
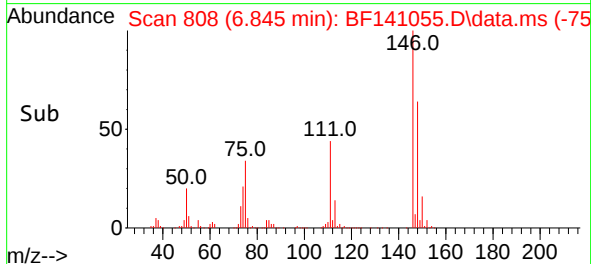
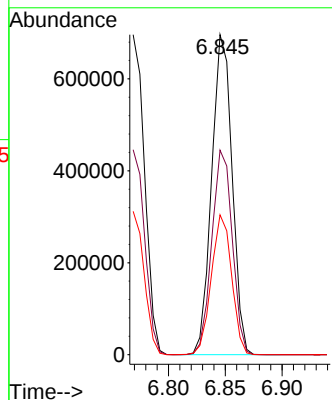
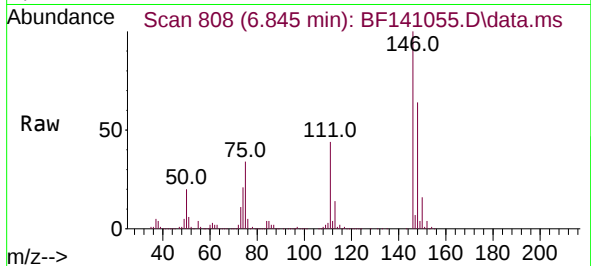




#13
1,4-Dichlorobenzene
Concen: 47.337 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

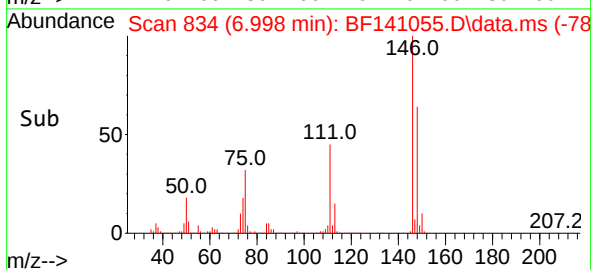
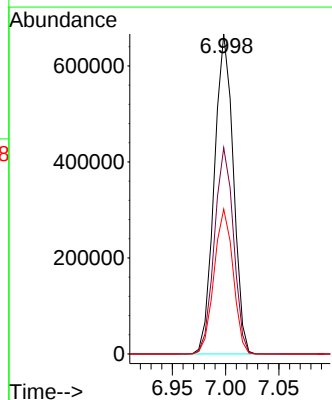
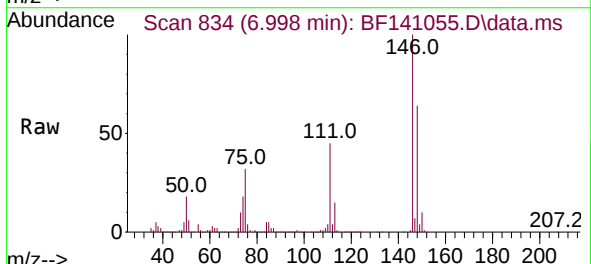
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:146 Resp: 870931
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 43.7 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.221 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:146 Resp: 827195
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 45.3 37.3 55.9

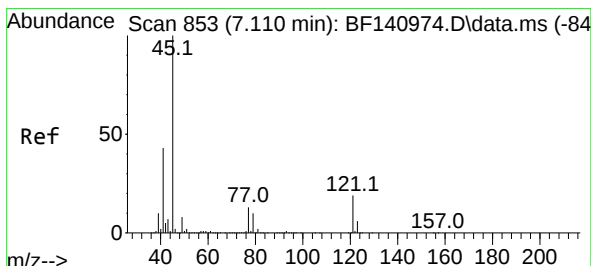
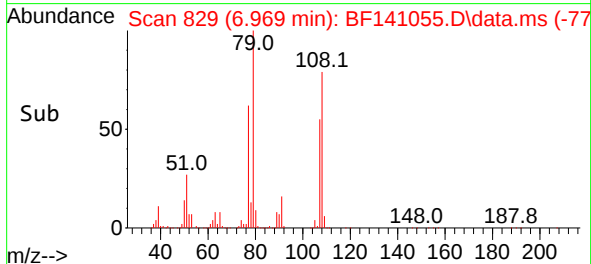
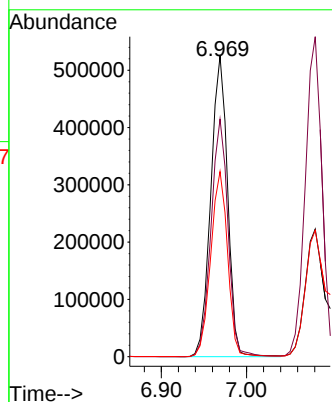
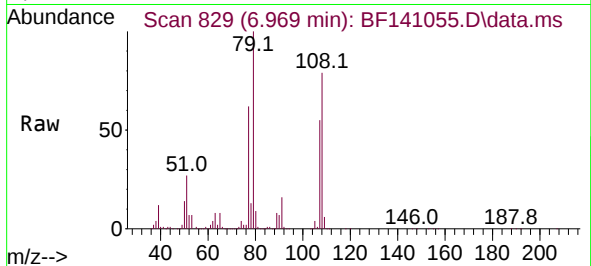




#15
Benzyl Alcohol
Concen: 49.646 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

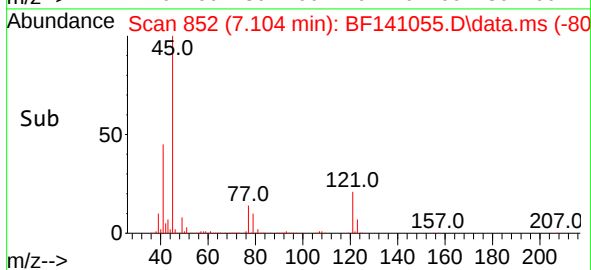
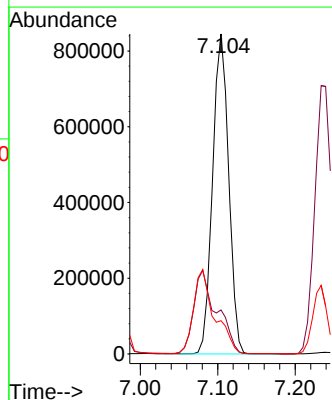
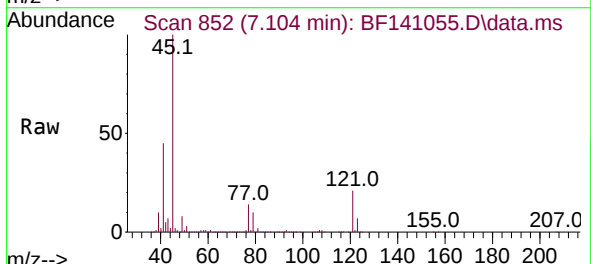
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion: 79 Resp: 720881
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 61.6 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.838 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion: 45 Resp: 1220518
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.4 0.0 30.1





#17

2-Methylphenol

Concen: 47.902 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141055.D

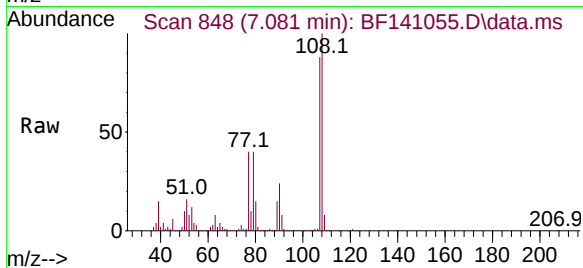
Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD



Tgt Ion:107 Resp: 658120

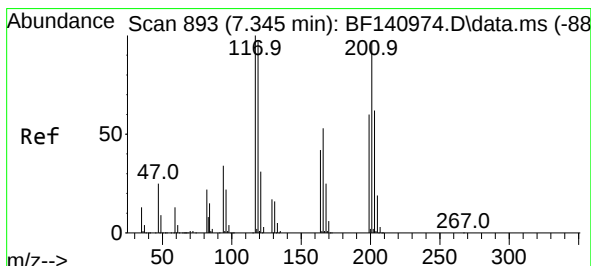
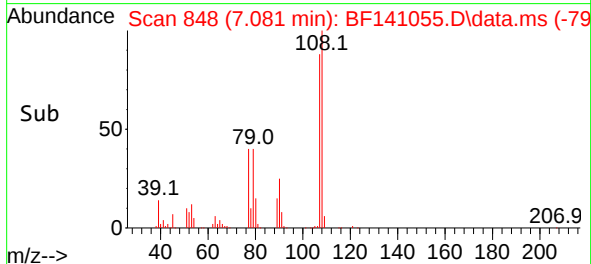
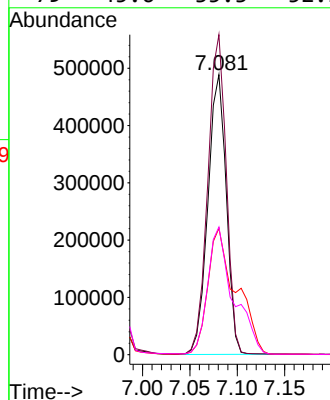
Ion Ratio Lower Upper

107 100

108 114.3 90.6 136.0

77 45.1 35.3 52.9

79 45.6 35.3 52.9



#18

Hexachloroethane

Concen: 48.489 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

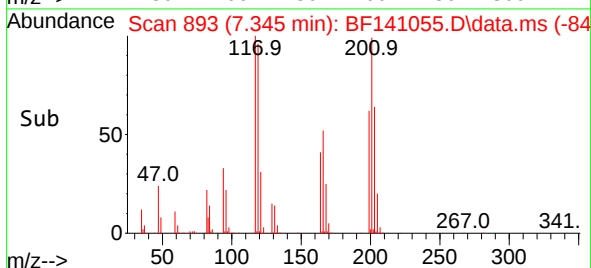
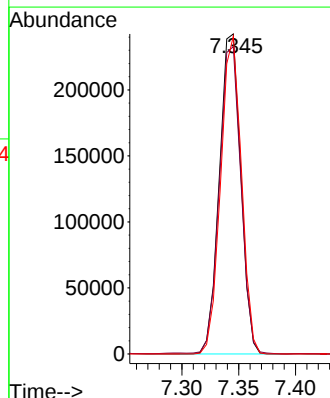
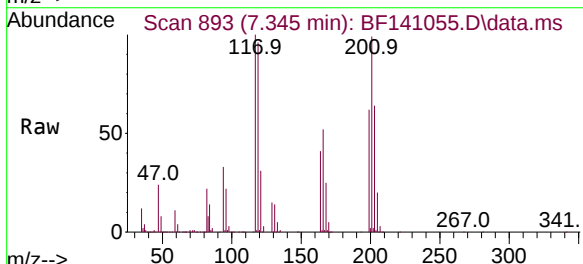
Tgt Ion:117 Resp: 316913

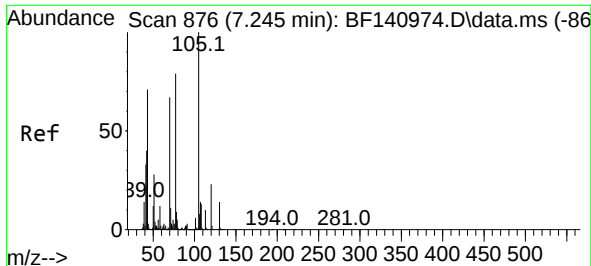
Ion Ratio Lower Upper

117 100

119 96.1 77.5 116.3

201 99.3 77.4 116.2

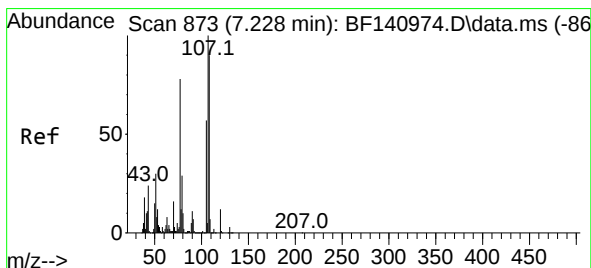
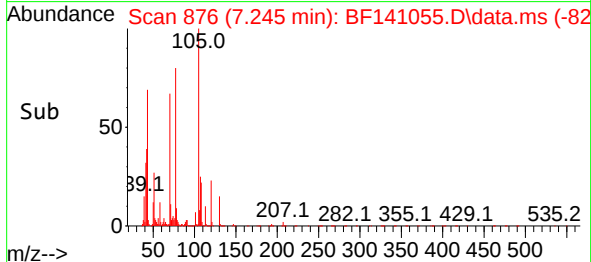
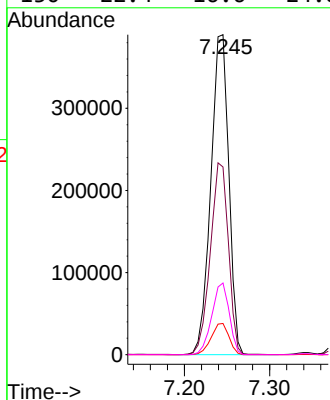
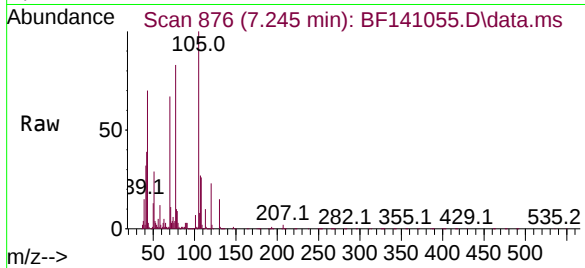




#19
n-Nitroso-di-n-propylamine
Concen: 46.155 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

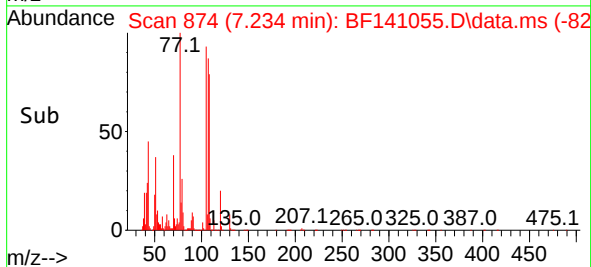
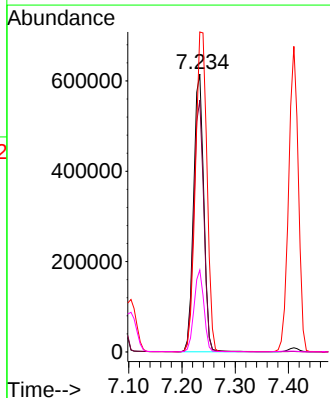
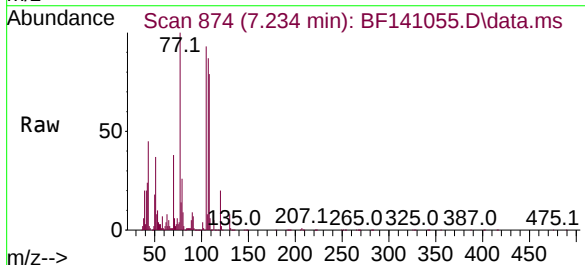
Instrument :
BNA_F
ClientSampleId :
341-349MSD

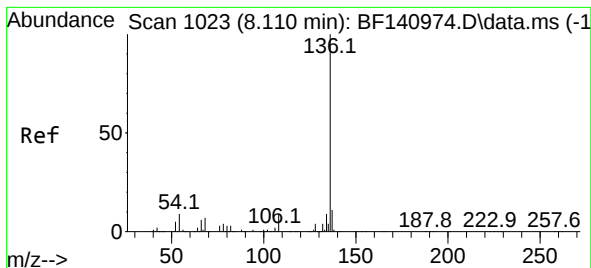
Tgt Ion: 70 Resp: 571361
Ion Ratio Lower Upper
70 100
42 58.6 48.1 72.1
101 9.7 7.6 11.4
130 22.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 46.550 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:107 Resp: 809325
Ion Ratio Lower Upper
107 100
108 90.6 69.6 109.6
77 115.1 57.6 97.6#
79 29.5 8.8 48.8



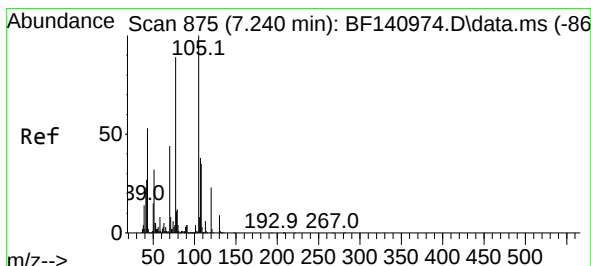
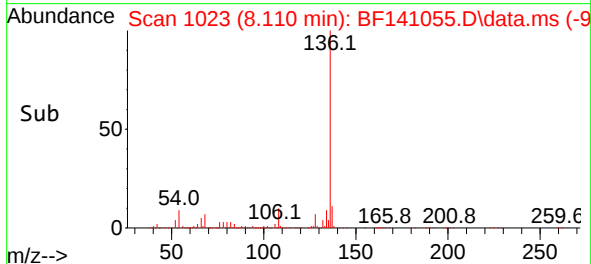
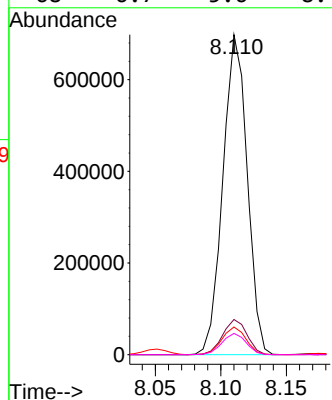
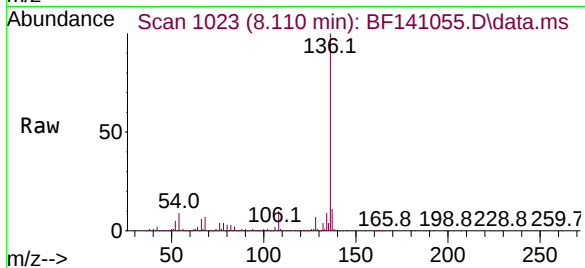


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:136 Resp: 899723

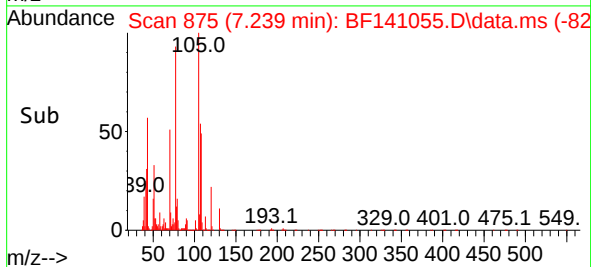
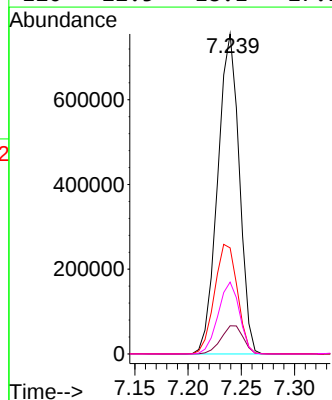
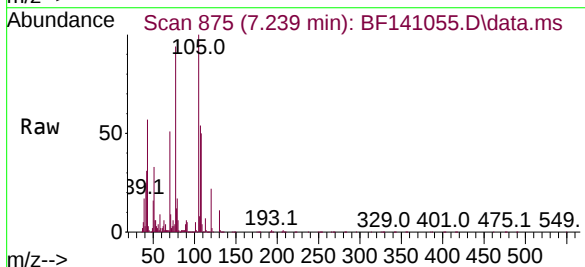
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.6	7.6	11.4
68	6.7	5.6	8.4

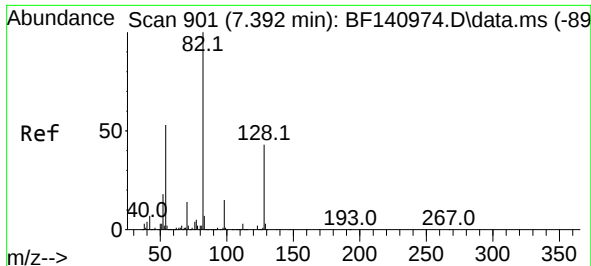


#22
Acetophenone
Concen: 48.134 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:105 Resp: 1062382

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.1	9.1
51	33.2	25.8	38.6
120	22.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 63.309 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

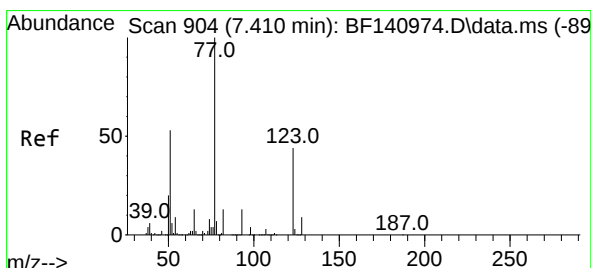
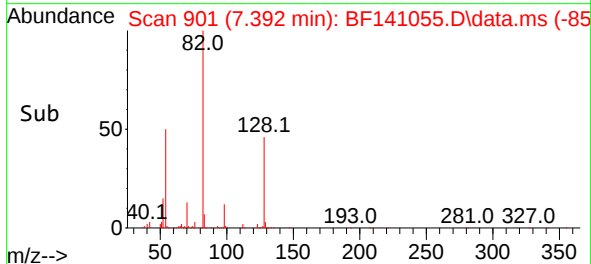
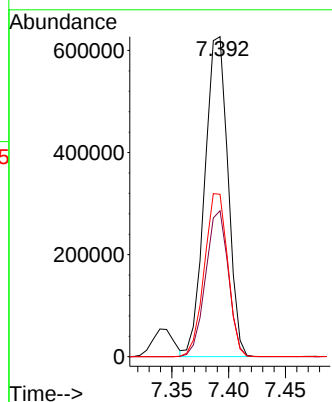
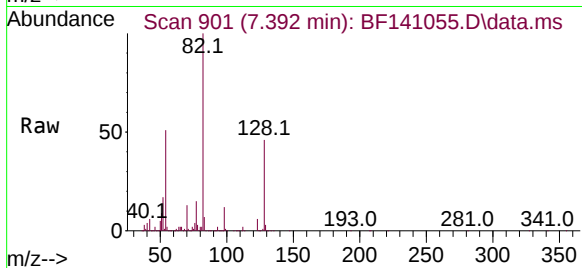
Tgt Ion: 82 Resp: 890312

Ion Ratio Lower Upper

82 100

128 45.6 34.4 51.6

54 50.8 42.4 63.6



#24

Nitrobenzene

Concen: 54.567 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

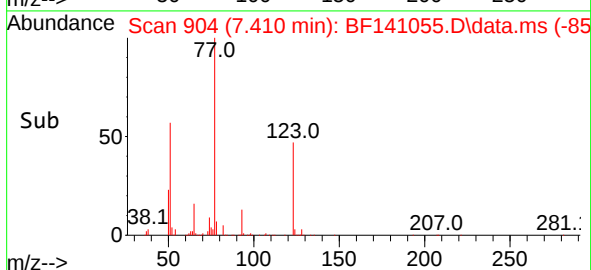
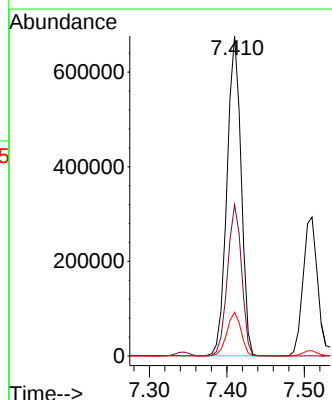
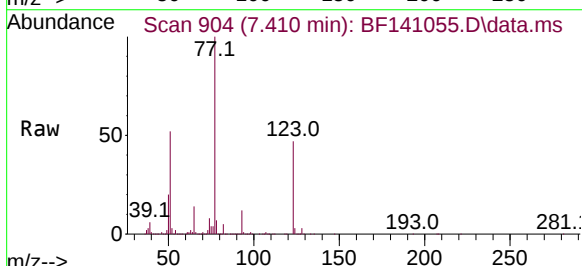
Tgt Ion: 77 Resp: 857464

Ion Ratio Lower Upper

77 100

123 47.2 35.4 53.2

65 13.7 10.7 16.1

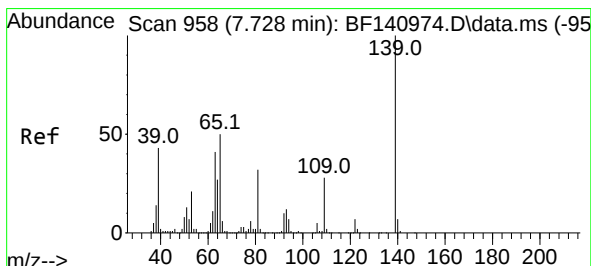
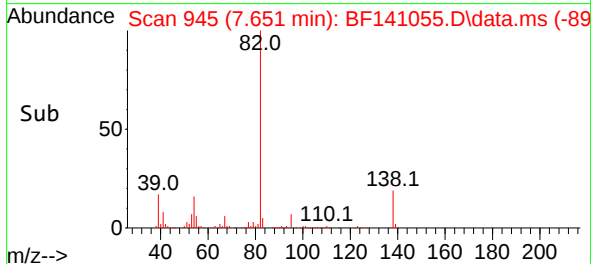
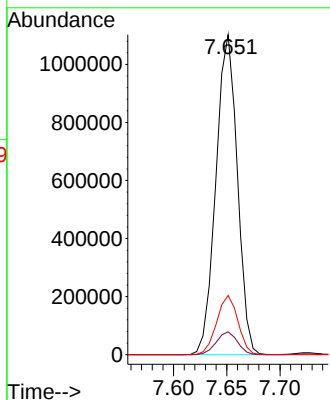
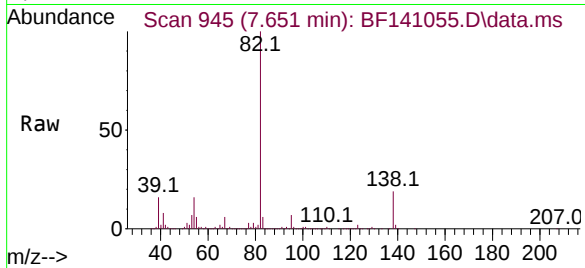




#25
Isophorone
Concen: 50.269 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

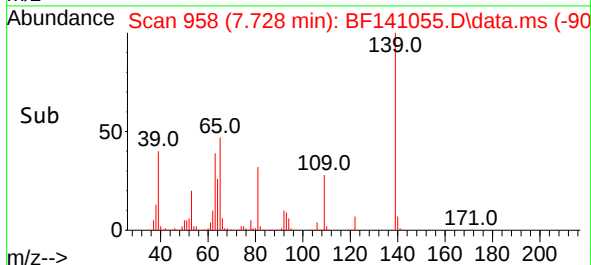
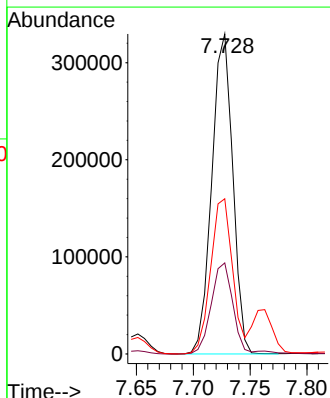
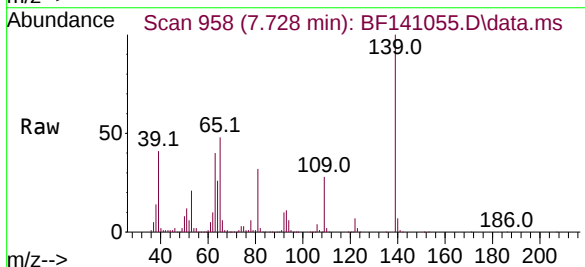
Instrument :
BNA_F
ClientSampleId :
341-349MSD

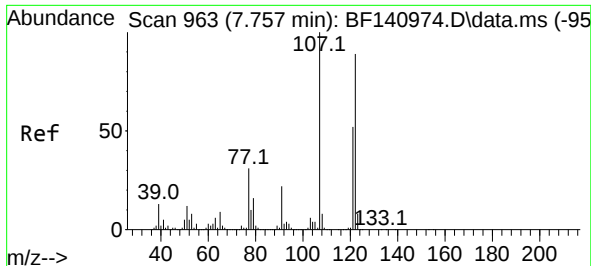
Tgt Ion: 82 Resp: 1538330
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 63.786 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:139 Resp: 423389
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 48.5 40.2 60.4

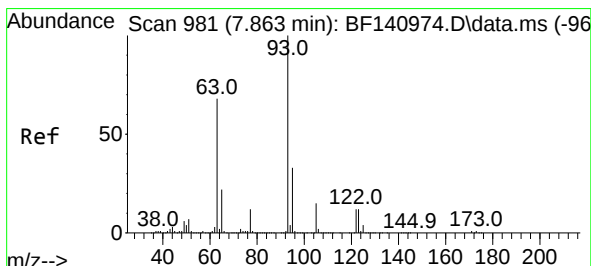
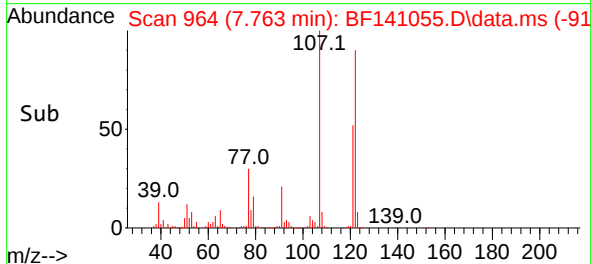
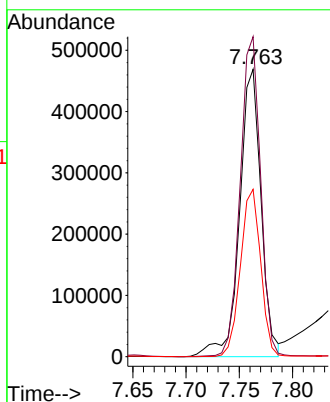
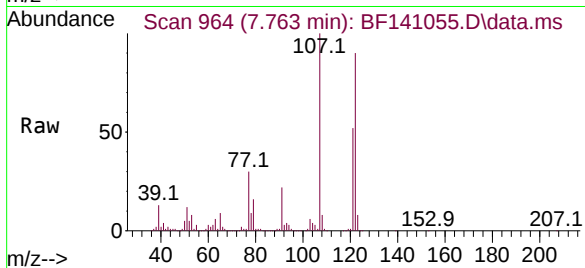




#27
2,4-Dimethylphenol
Concen: 59.049 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

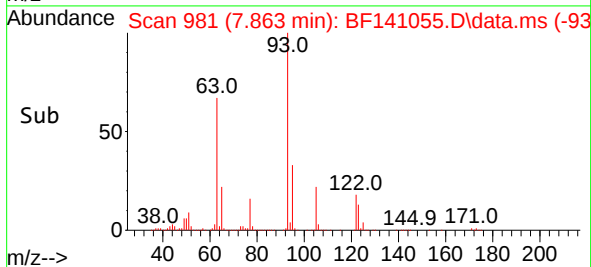
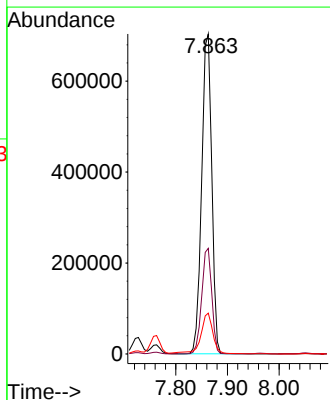
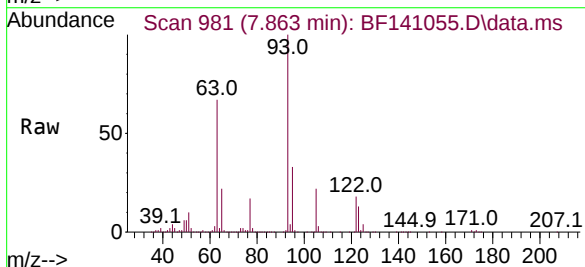
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:122 Resp: 660407
Ion Ratio Lower Upper
122 100
107 111.3 89.4 134.2
121 58.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.219 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion: 93 Resp: 954302
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.8 9.9 14.9

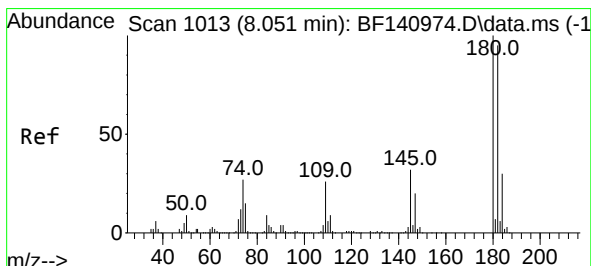
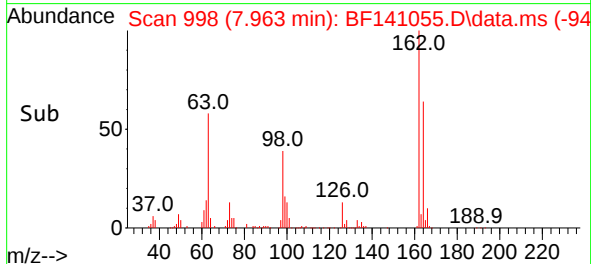
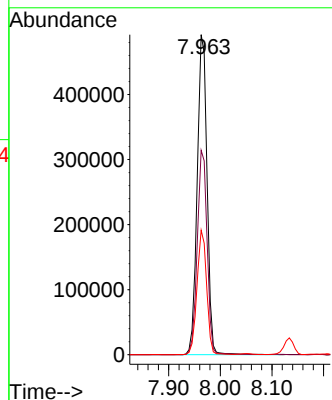
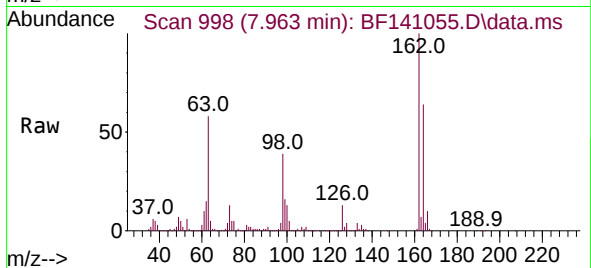




#29
2,4-Dichlorophenol
Concen: 51.326 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

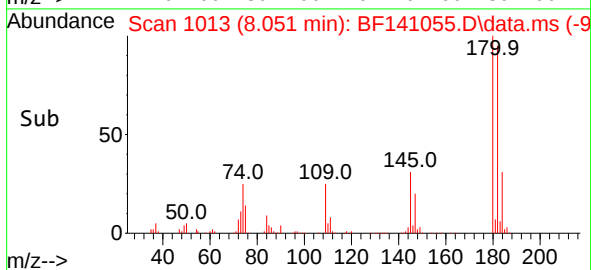
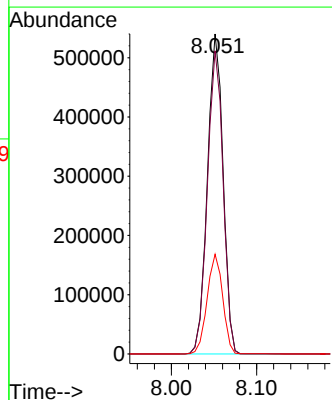
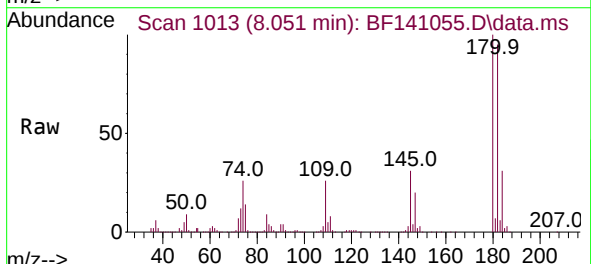
Instrument :
BNA_F
ClientSampleId :
341-349MSD

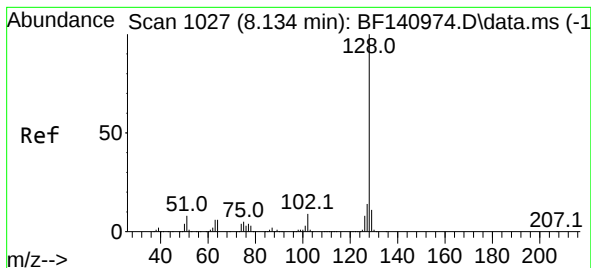
Tgt Ion:162 Resp: 651042
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 38.9 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 48.023 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:180 Resp: 689452
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.4
145 31.2 25.4 38.2





#31

Naphthalene

Concen: 47.332 ng

RT: 8.133 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

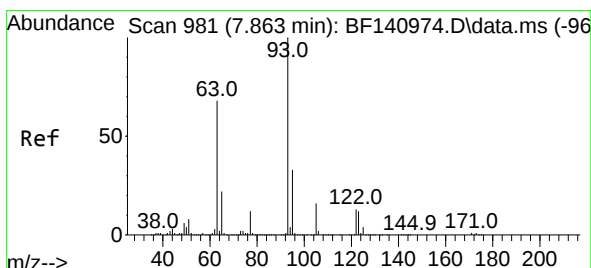
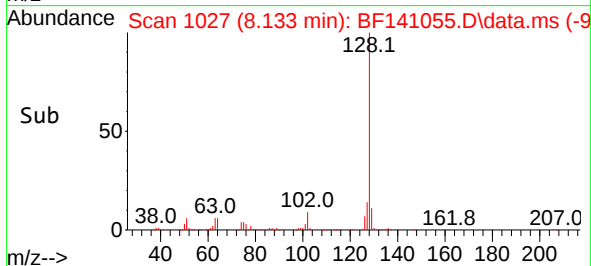
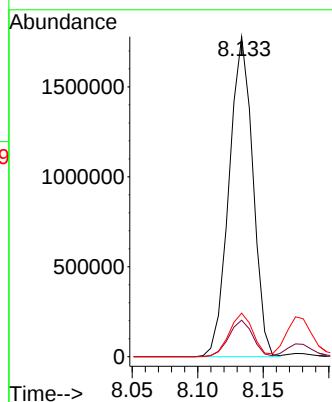
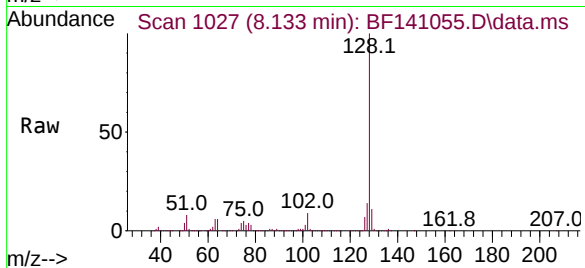
Tgt Ion:128 Resp: 2243995

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 53.912 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

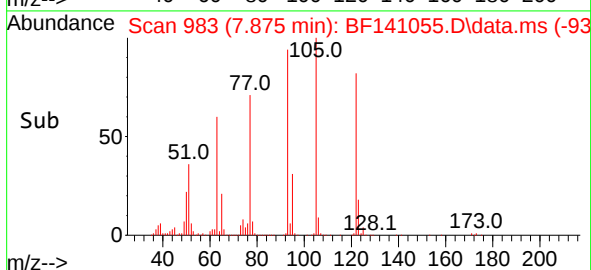
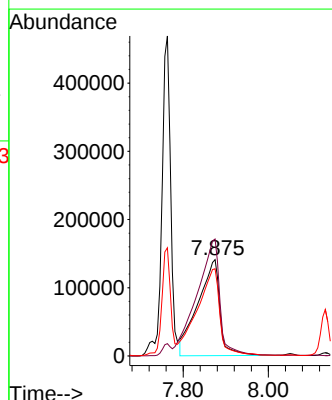
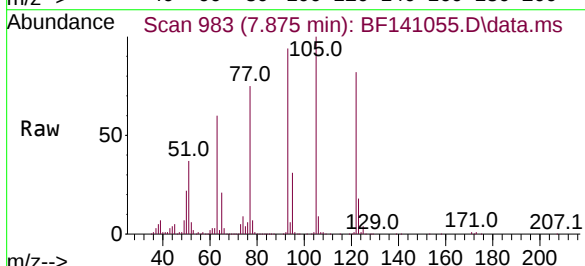
Tgt Ion:122 Resp: 506586

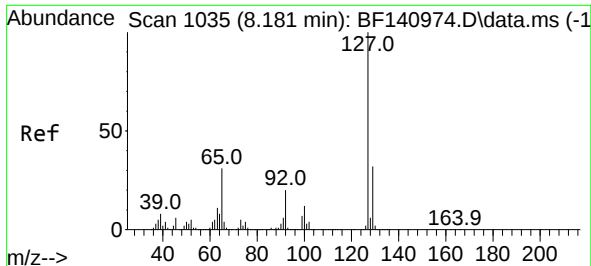
Ion Ratio Lower Upper

122 100

105 121.3 105.4 145.4

77 90.5 76.4 116.4

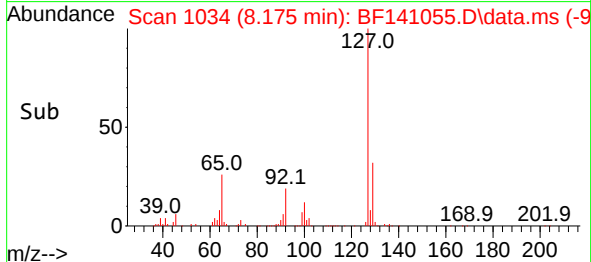
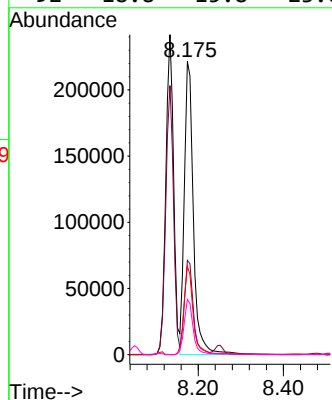
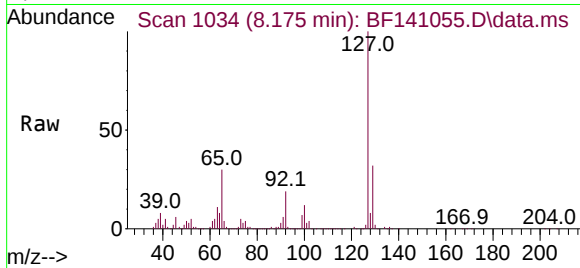




#33
4-Chloroaniline
Concen: 19.149 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

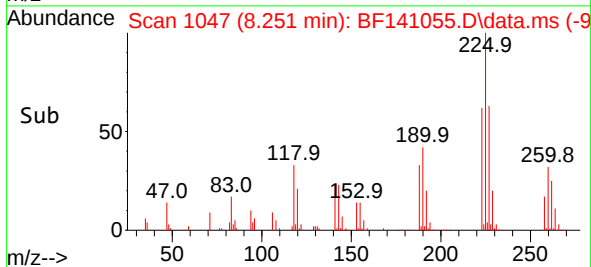
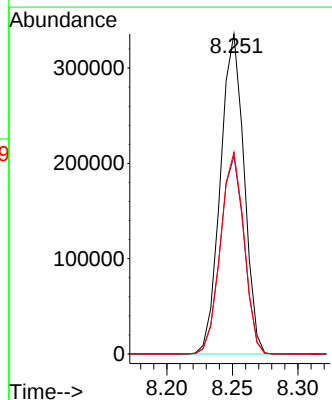
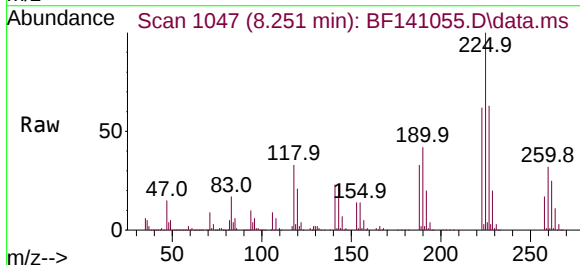
Instrument :
BNA_F
ClientSampleId :
341-349MSD

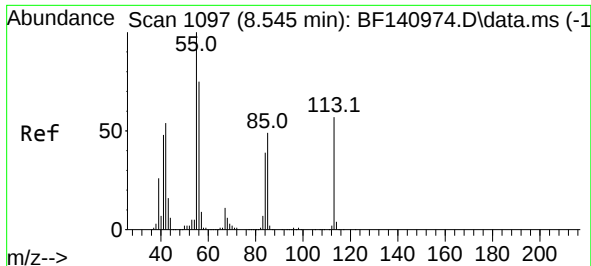
Tgt	Ion:127	Resp:	328431
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.2	24.6	37.0
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 49.631 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt	Ion:225	Resp:	420065
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.3	75.5
227	63.1	50.8	76.2

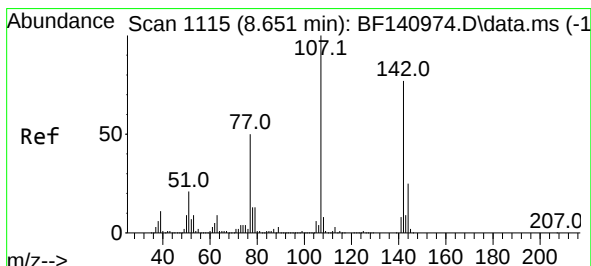
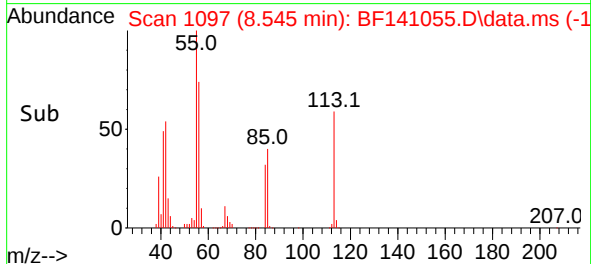
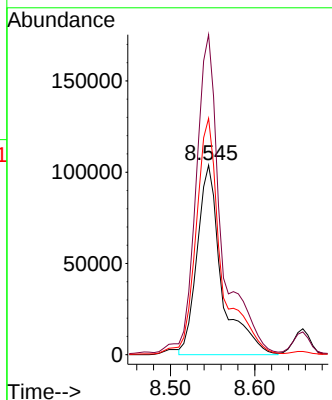
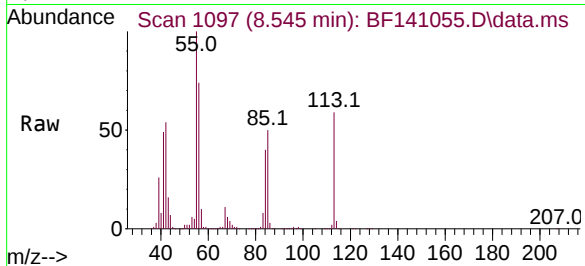




#35
 Caprolactam
 Concen: 48.769 ng m
 RT: 8.545 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

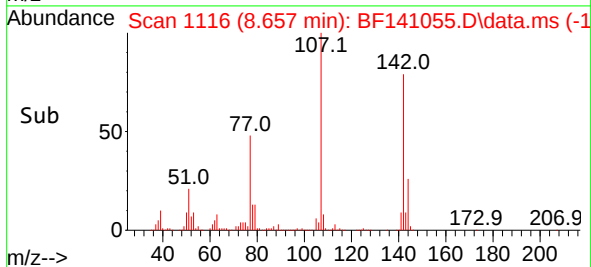
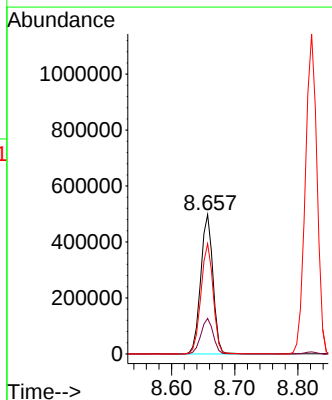
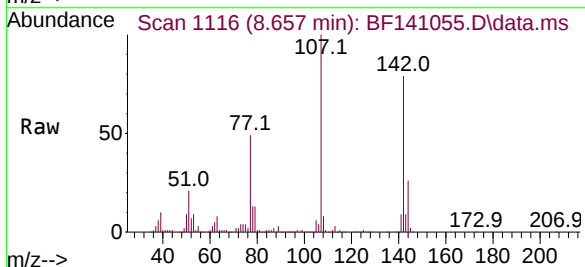
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

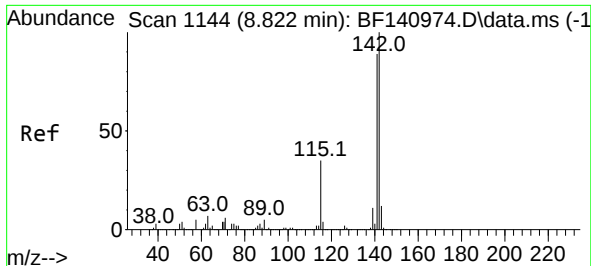
Tgt Ion:113 Resp: 210298
 Ion Ratio Lower Upper
 113 100
 55 168.8 156.6 196.6
 56 124.7 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.710 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

Tgt Ion:107 Resp: 672075
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.9 29.9
 142 79.1 61.8 92.8

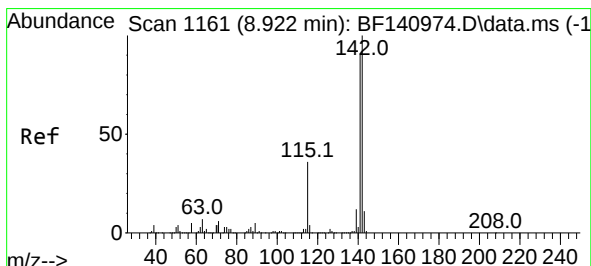
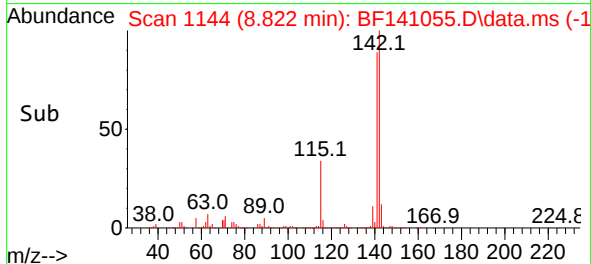
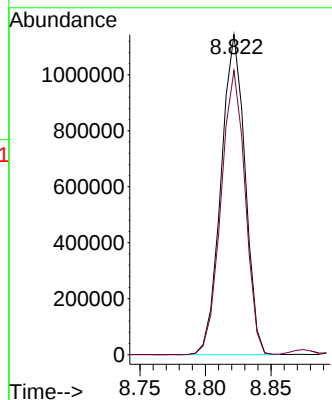
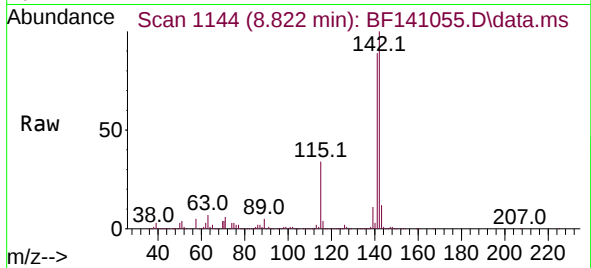




#37
2-Methylnaphthalene
Concen: 47.976 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

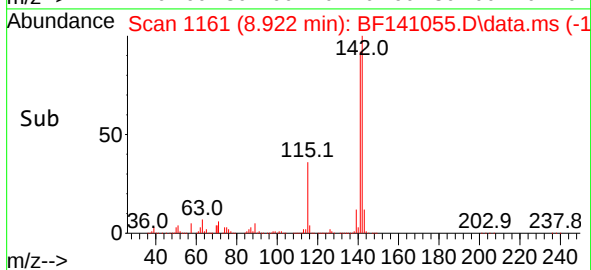
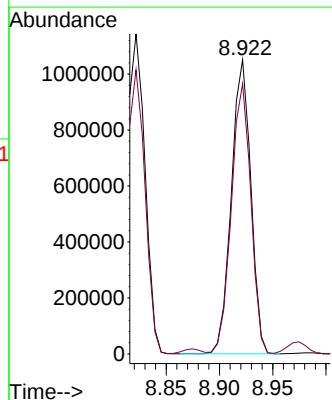
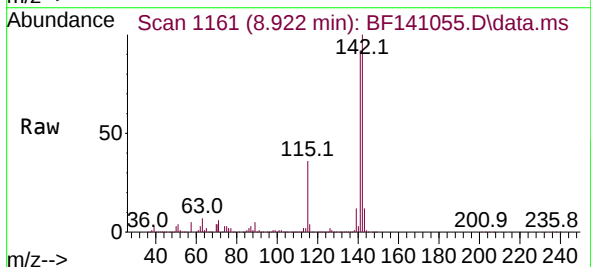
Instrument :
BNA_F
ClientSampleId :
341-349MSD

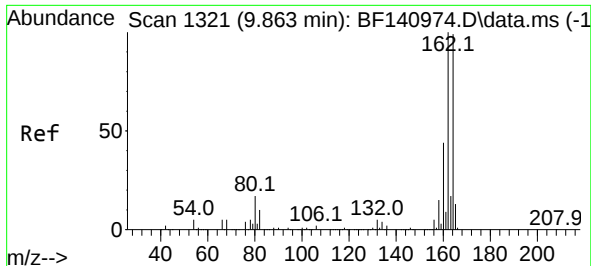
Tgt Ion:142 Resp: 1455119
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 44.879 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:142 Resp: 1337747
Ion Ratio Lower Upper
142 100
141 91.9 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: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

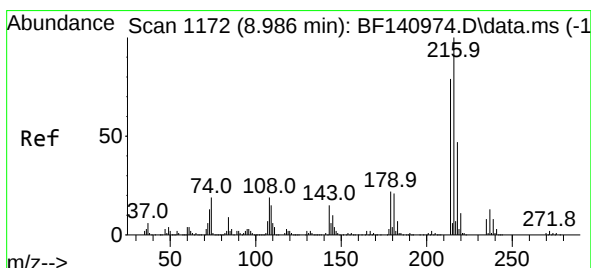
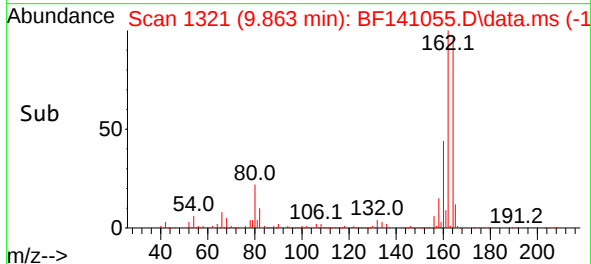
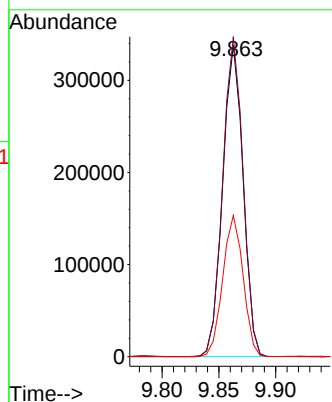
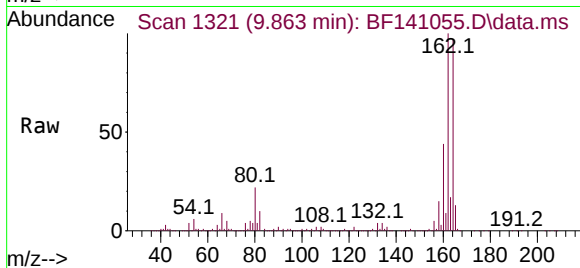
Tgt Ion:164 Resp: 422063

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

160 45.3 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.628 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Tgt Ion:216 Resp: 645918

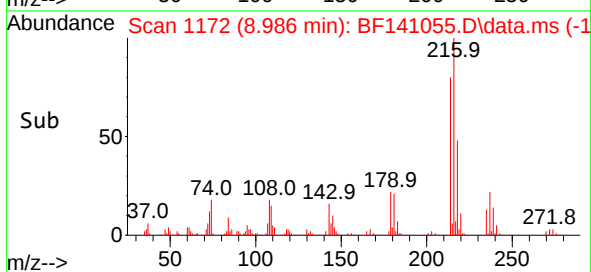
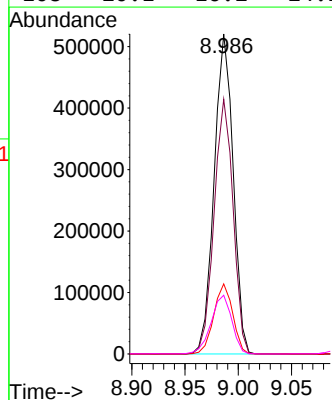
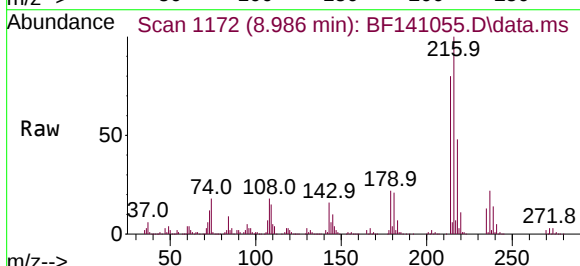
Ion Ratio Lower Upper

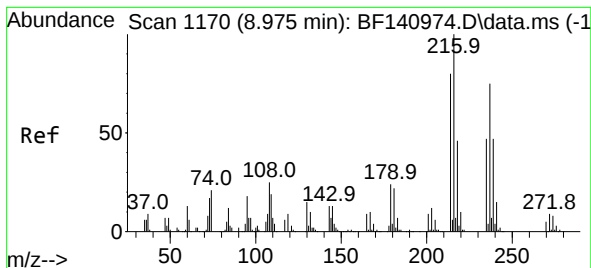
216 100

214 79.5 63.0 94.6

179 21.8 17.9 26.9

108 20.1 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 114.277 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

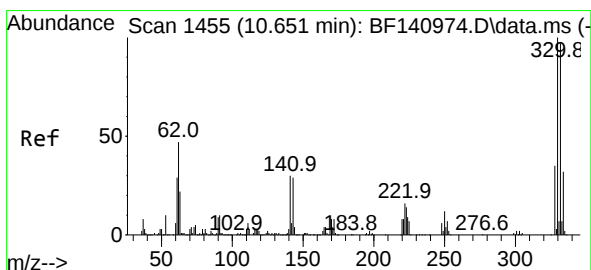
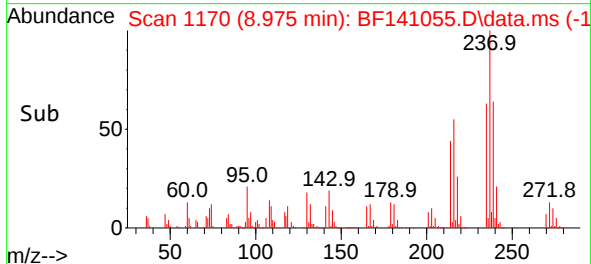
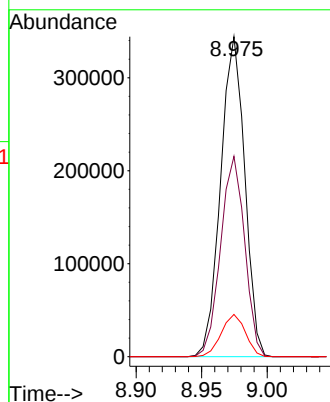
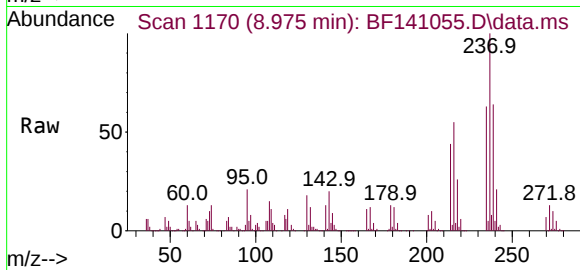
Tgt Ion:237 Resp: 439727

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

272 13.2 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 78.848 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

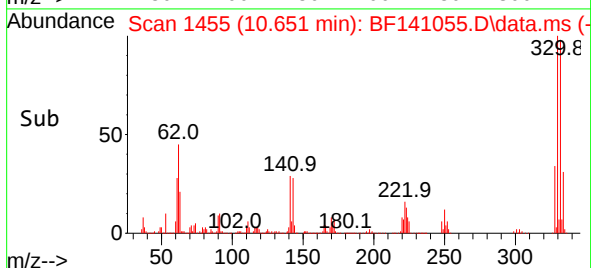
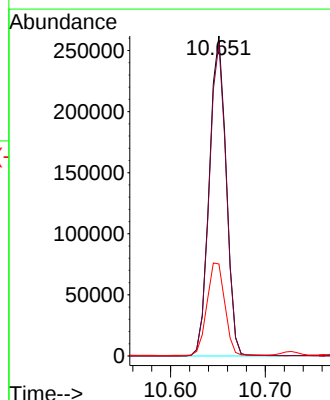
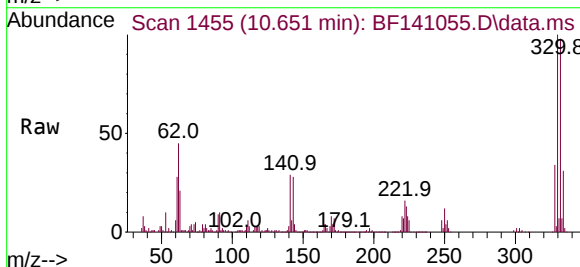
Tgt Ion:330 Resp: 323373

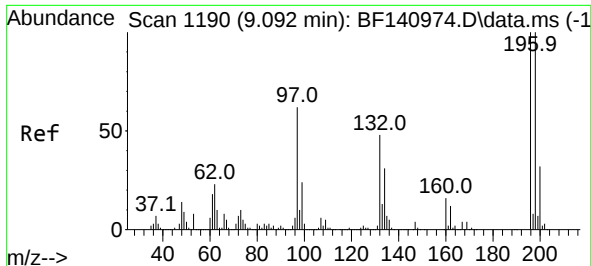
Ion Ratio Lower Upper

330 100

332 97.8 78.0 117.0

141 30.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 57.026 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

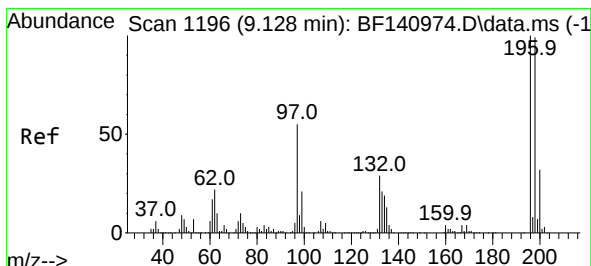
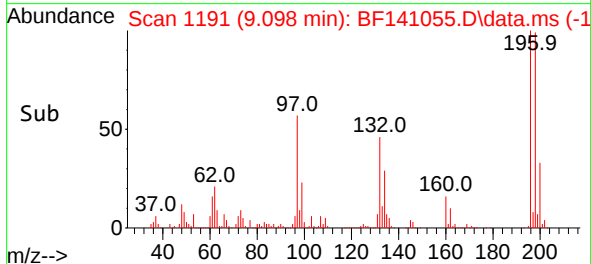
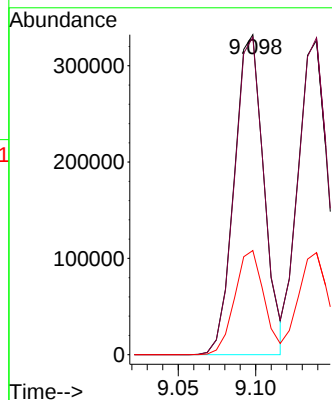
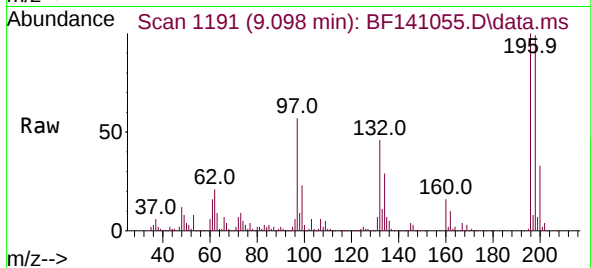
Tgt Ion:196 Resp: 440697

Ion Ratio Lower Upper

196 100

198 99.2 80.2 120.4

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 55.205 ng

RT: 9.139 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Tgt Ion:196 Resp: 436520

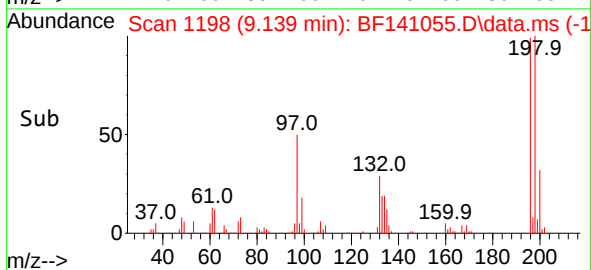
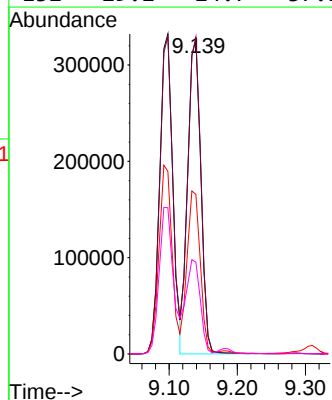
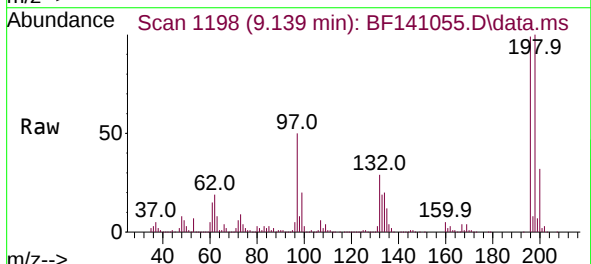
Ion Ratio Lower Upper

196 100

198 100.8 79.9 119.9

97 50.7 44.3 66.5

132 29.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 58.284 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

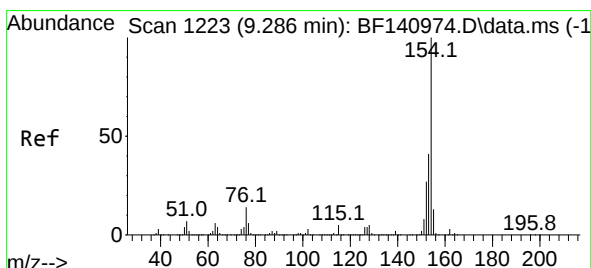
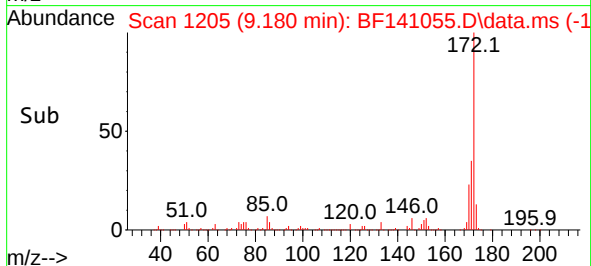
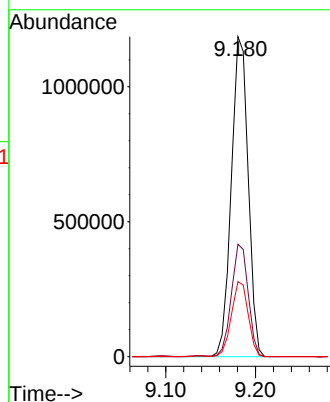
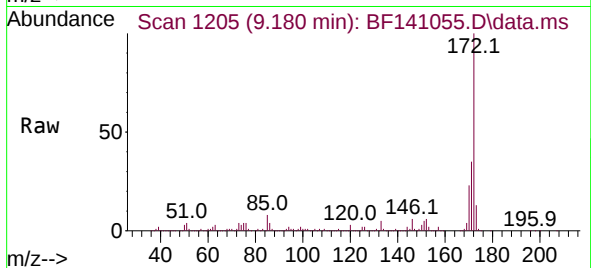
Tgt Ion:172 Resp: 1543983

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 23.5 19.6 29.4



#46

1,1'-Biphenyl

Concen: 53.788 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

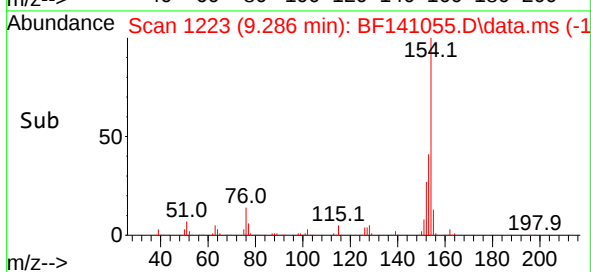
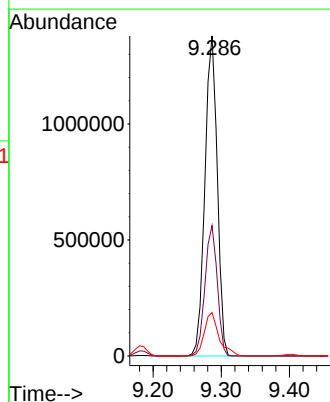
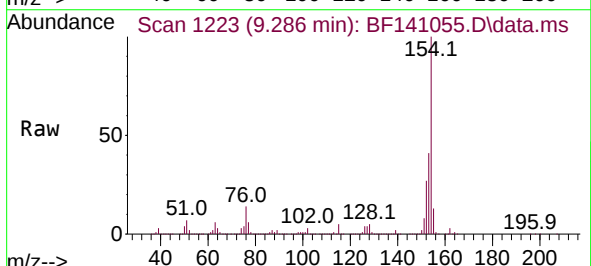
Tgt Ion:154 Resp: 1738265

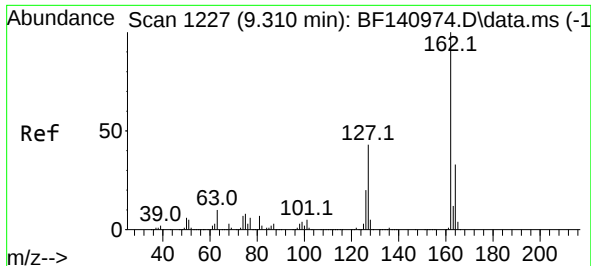
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 51.563 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

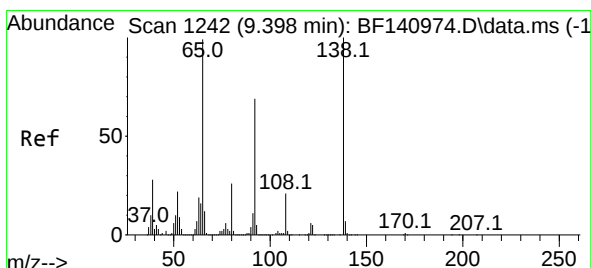
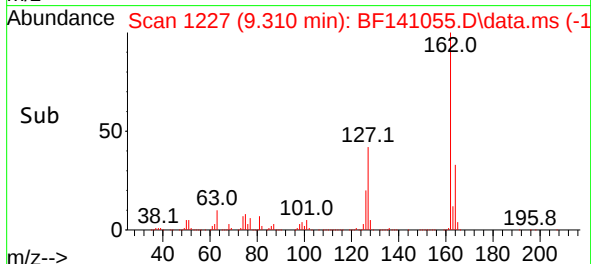
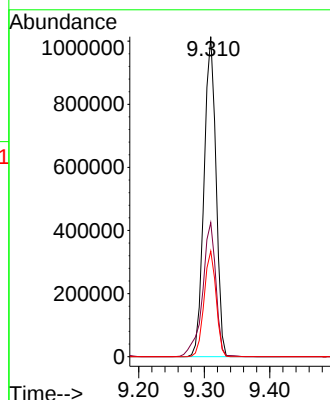
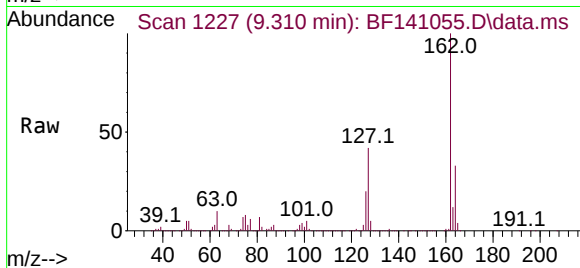
Tgt Ion:162 Resp: 1292394

Ion Ratio Lower Upper

162 100

127 41.9 34.2 51.4

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 61.078 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

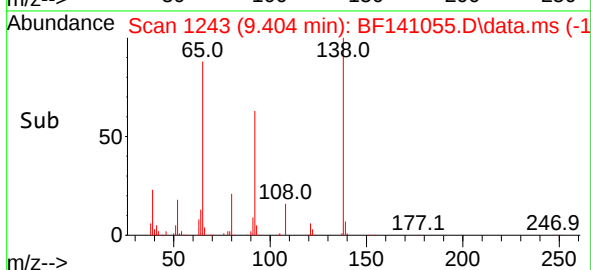
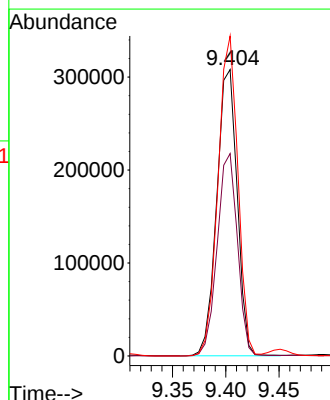
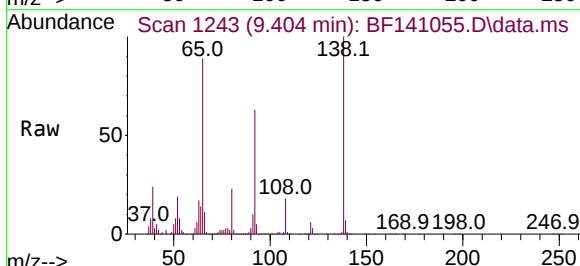
Tgt Ion: 65 Resp: 409672

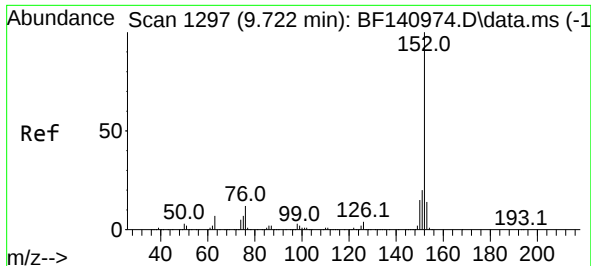
Ion Ratio Lower Upper

65 100

92 70.6 55.6 83.4

138 111.7 80.5 120.7





#49

Acenaphthylene

Concen: 54.215 ng

RT: 9.727 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

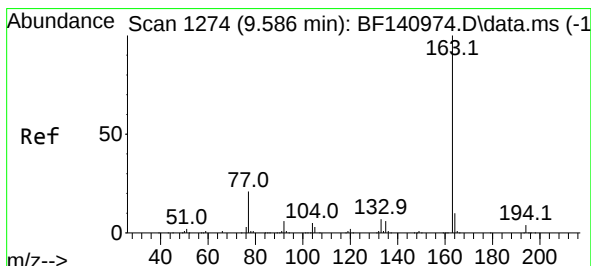
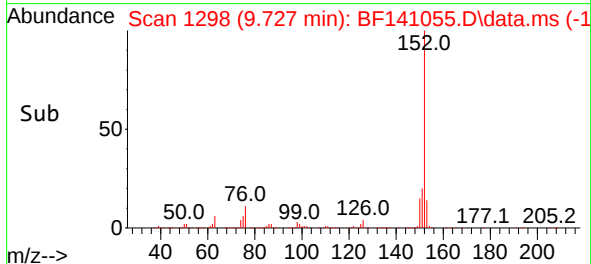
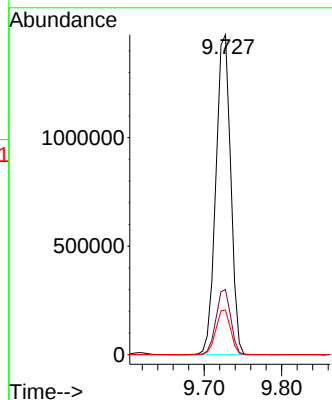
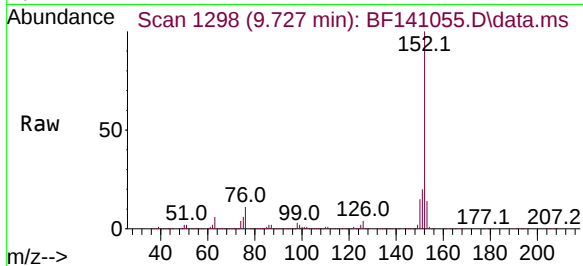
Tgt Ion:152 Resp: 1956145

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.9 11.4 17.0



#50

Dimethylphthalate

Concen: 55.636 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

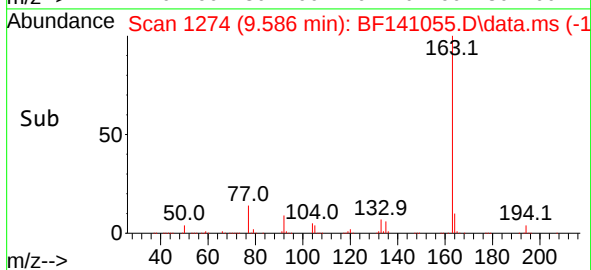
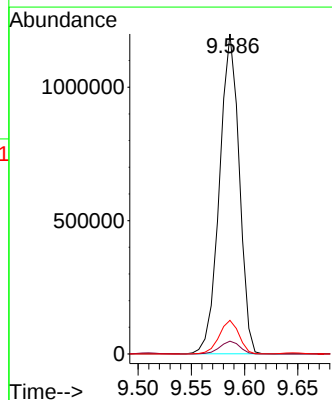
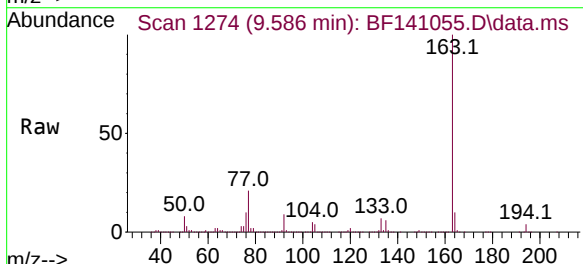
Tgt Ion:163 Resp: 1544551

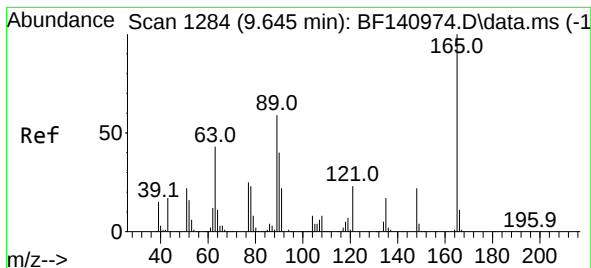
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 58.045 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

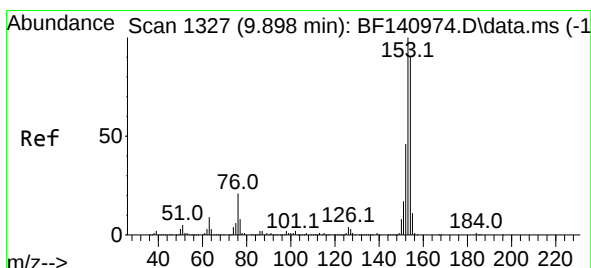
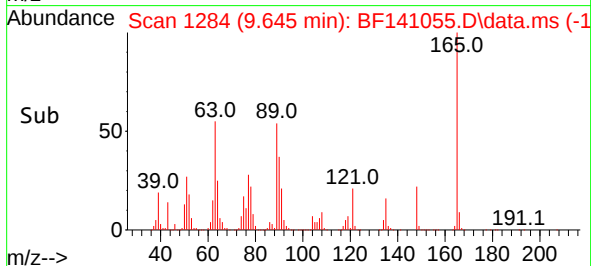
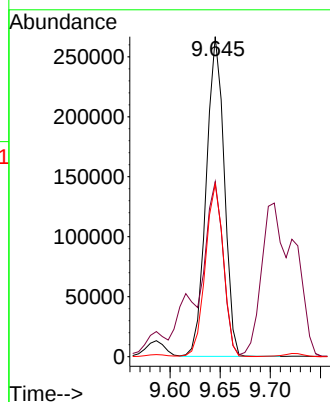
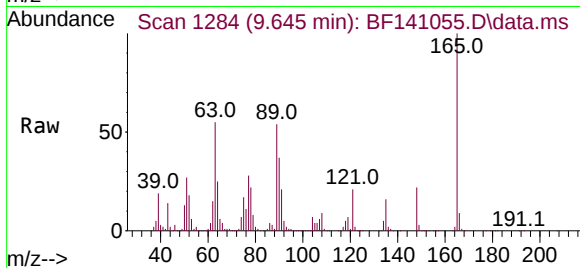
Tgt Ion:165 Resp: 333318

Ion Ratio Lower Upper

165 100

63 54.7 47.1 70.7

89 53.9 47.0 70.4



#52

Acenaphthene

Concen: 54.737 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

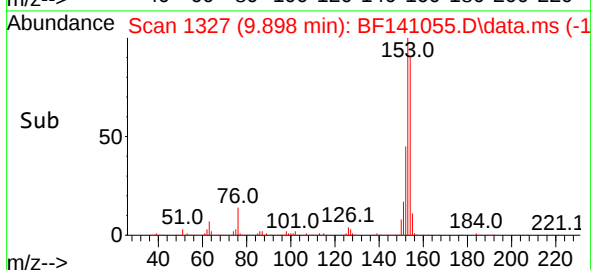
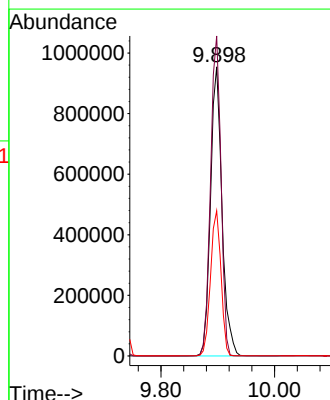
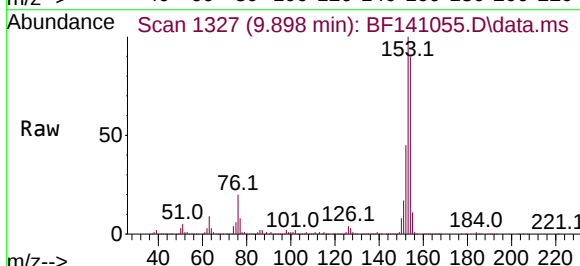
Tgt Ion:154 Resp: 1335161

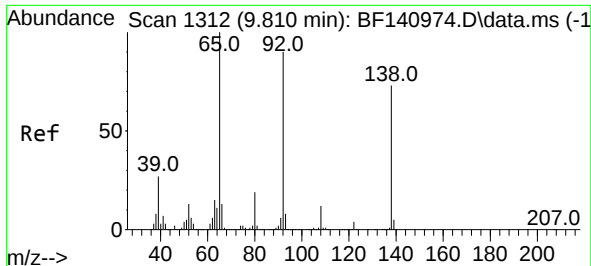
Ion Ratio Lower Upper

154 100

153 110.7 89.2 133.8

152 50.2 40.9 61.3

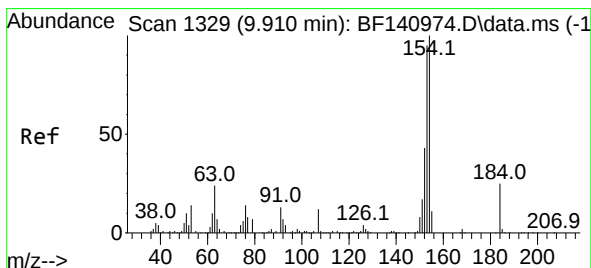
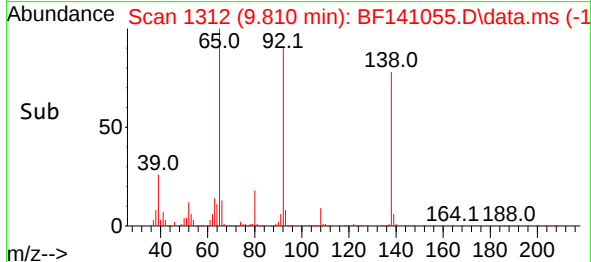
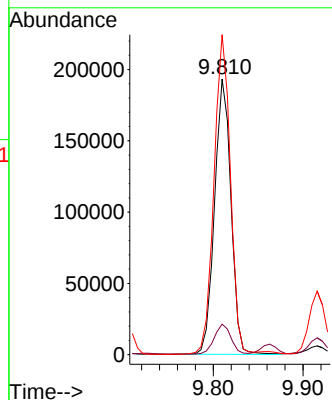
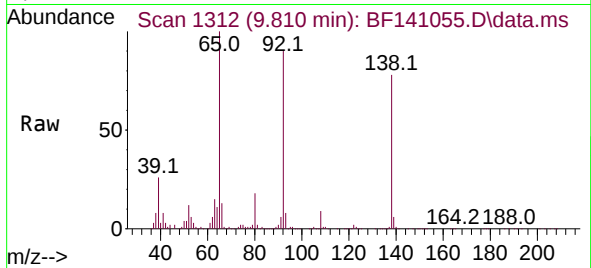




#53
3-Nitroaniline
Concen: 40.402 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

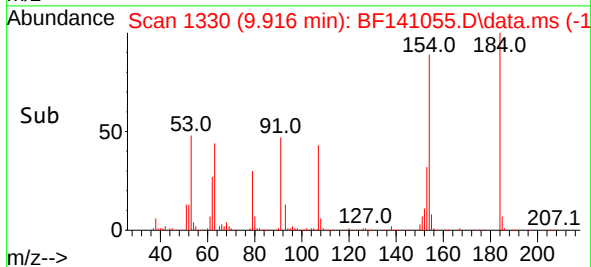
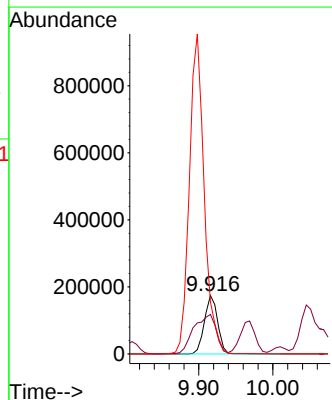
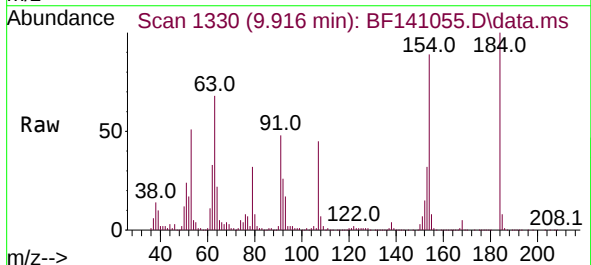
Instrument :
BNA_F
ClientSampleId :
341-349MSD

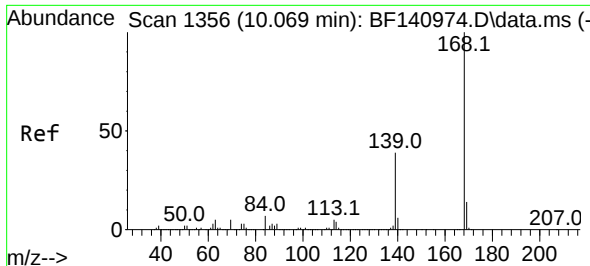
Tgt Ion:138 Resp: 245343
Ion Ratio Lower Upper
138 100
108 11.1 13.5 20.3#
92 116.2 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 90.643 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:184 Resp: 216804
Ion Ratio Lower Upper
184 100
63 67.7 81.6 122.4#
154 89.3 363.5 545.3#

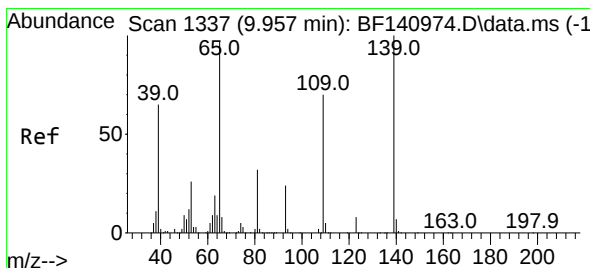
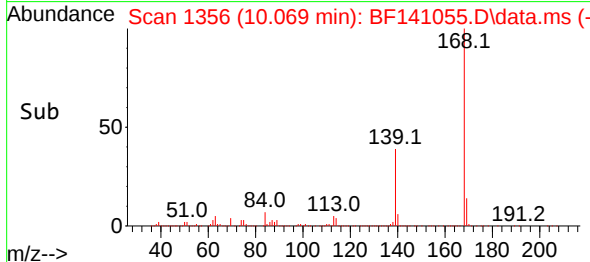
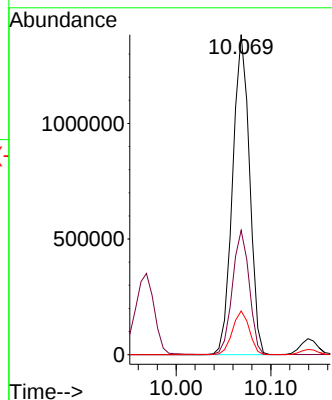
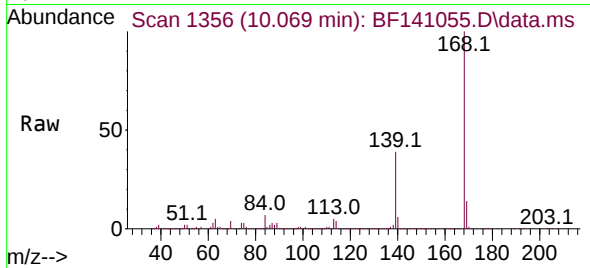




#55
Dibenzenofuran
Concen: 50.177 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

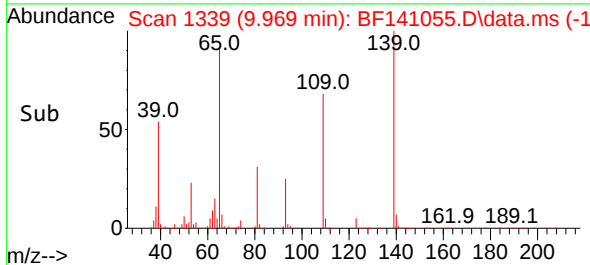
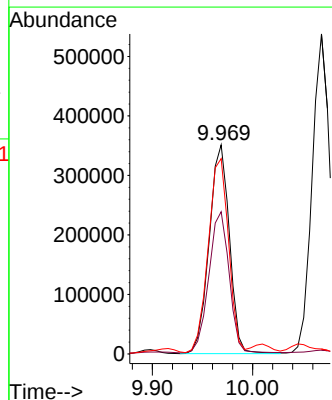
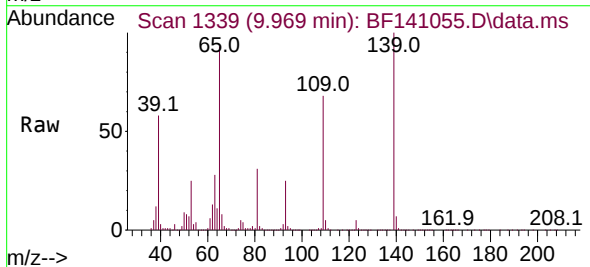
Instrument :
BNA_F
ClientSampleId :
341-349MSD

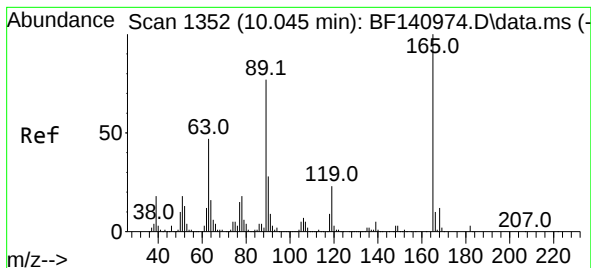
Tgt Ion:168 Resp: 1720066
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 103.747 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:139 Resp: 492681
Ion Ratio Lower Upper
139 100
109 68.0 50.8 90.8
65 93.5 78.5 118.5

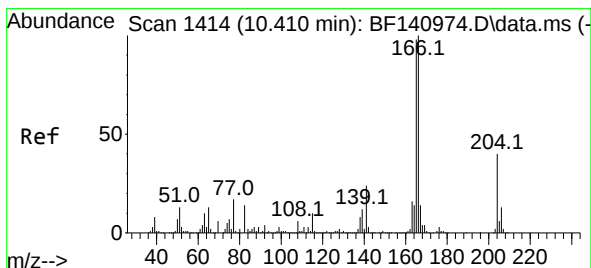
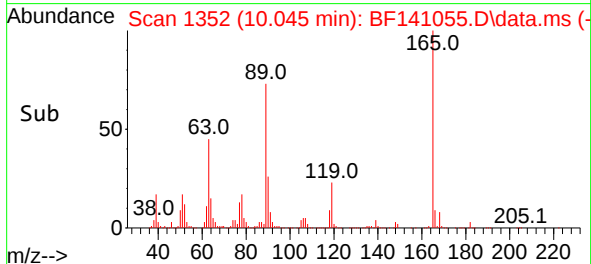
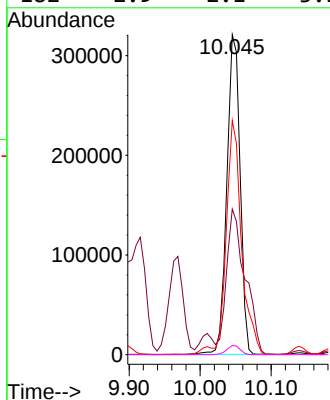
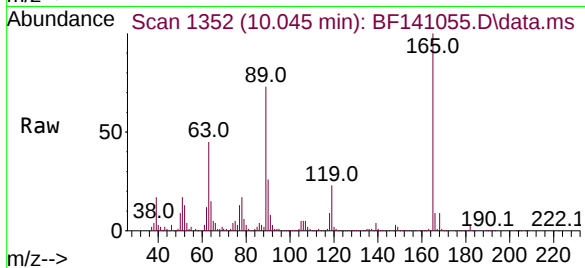




#57
2,4-Dinitrotoluene
Concen: 58.753 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

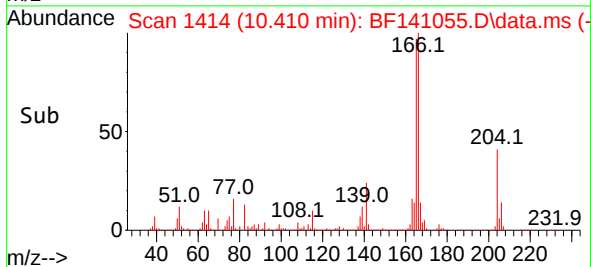
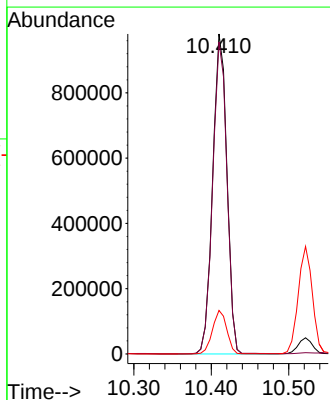
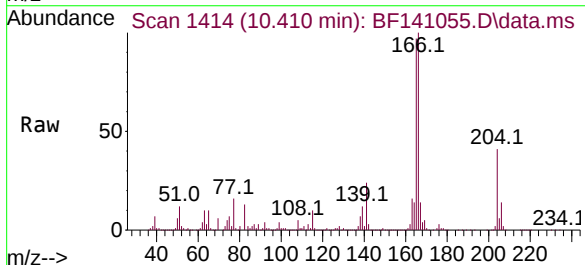
Instrument :
BNA_F
ClientSampleId :
341-349MSD

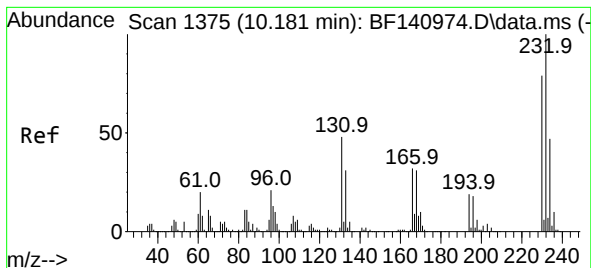
Tgt Ion:165 Resp: 414756
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 73.2 61.4 92.2
182 2.9 2.1 3.1



#58
Fluorene
Concen: 47.018 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:166 Resp: 1249855
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.6 10.9 16.3

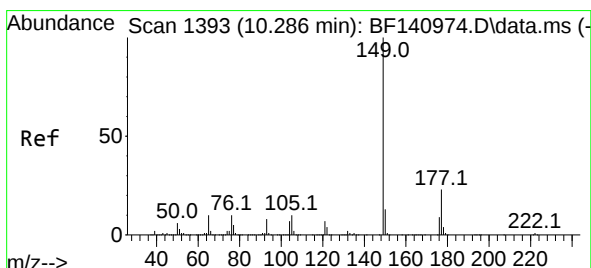
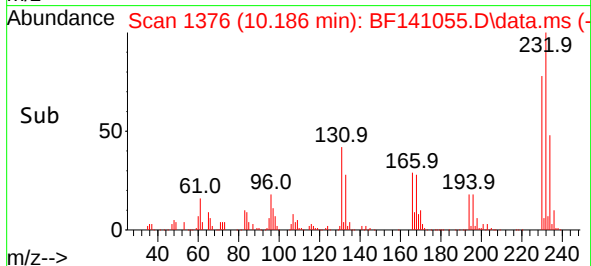
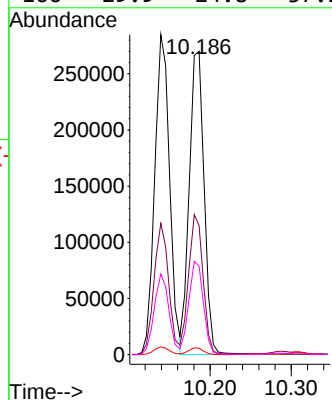
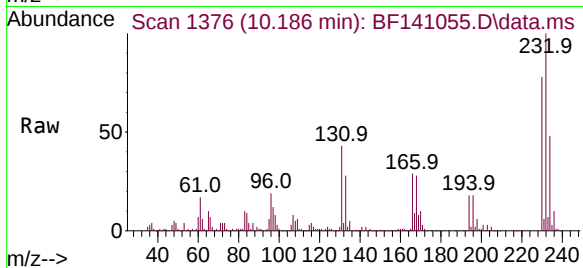




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.597 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

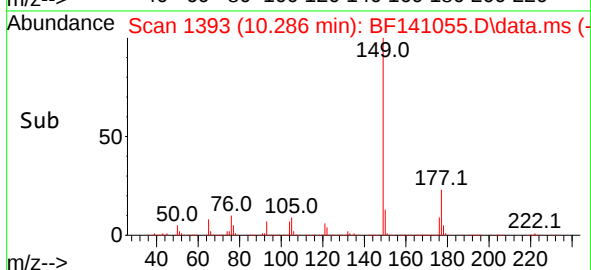
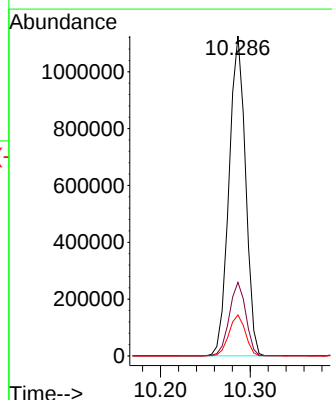
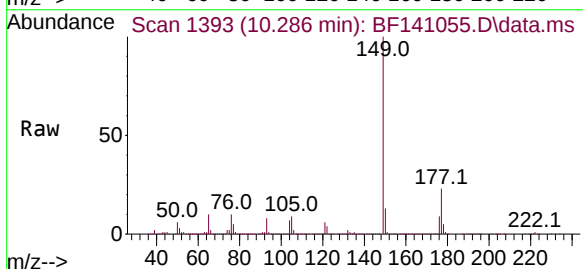
Instrument :
BNA_F
ClientSampleId :
341-349MSD

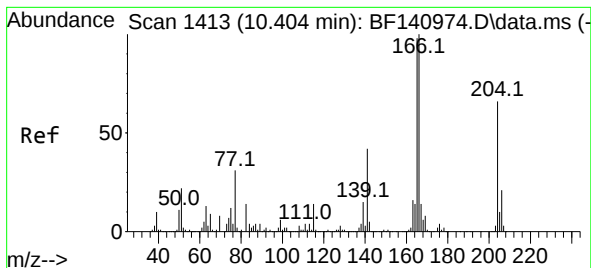
Tgt Ion:232 Resp: 344444
Ion Ratio Lower Upper
232 100
131 44.7 37.4 56.2
130 2.3 1.8 2.8
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 52.393 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:149 Resp: 1435950
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.4 15.6

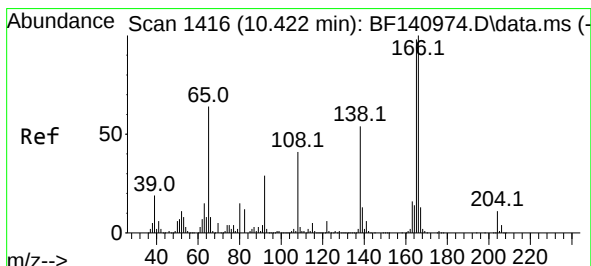
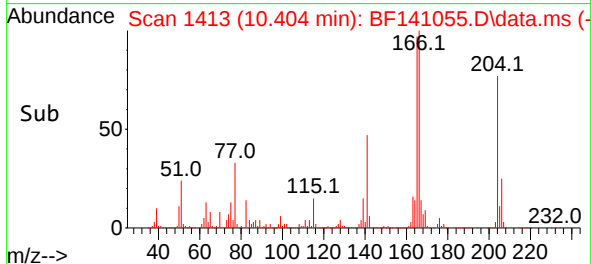
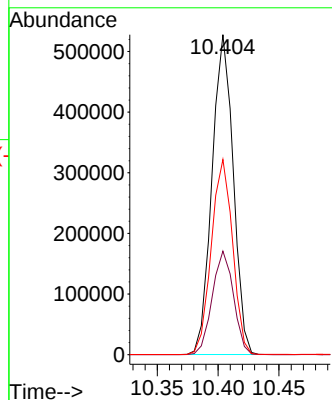
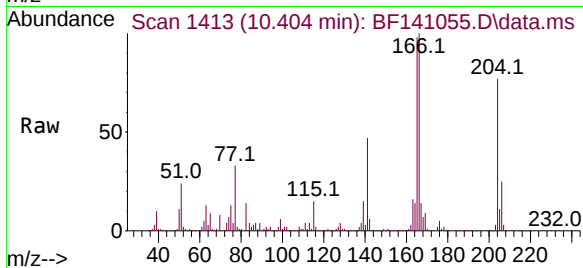




#61
4-Chlorophenyl-phenylether
Concen: 49.940 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

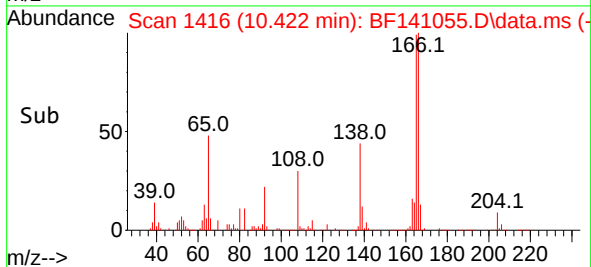
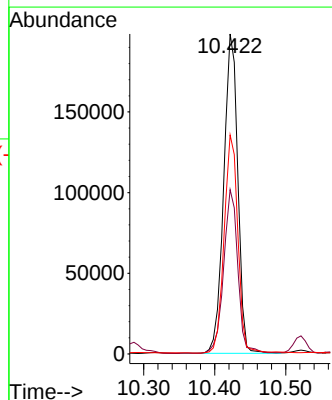
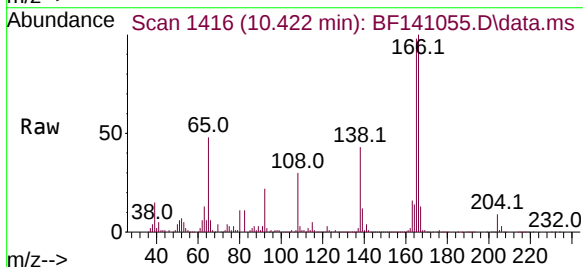
Instrument :
BNA_F
ClientSampleId :
341-349MSD

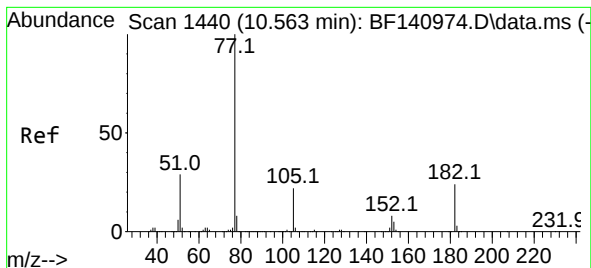
Tgt Ion:204 Resp: 638770
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 44.418 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:138 Resp: 271566
Ion Ratio Lower Upper
138 100
92 51.4 34.8 74.8
108 68.5 55.9 95.9

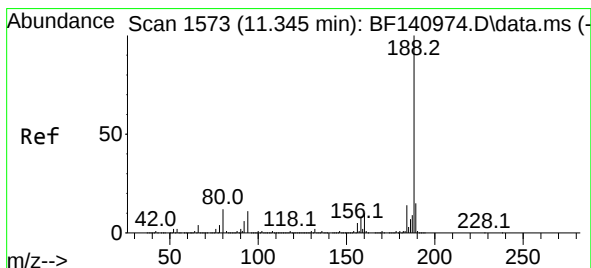
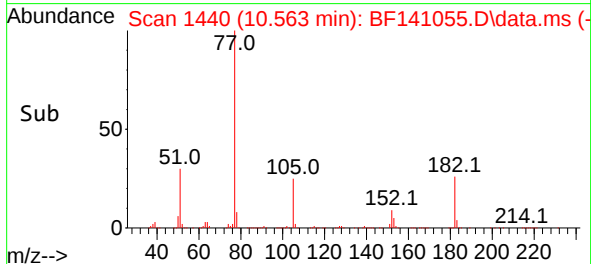
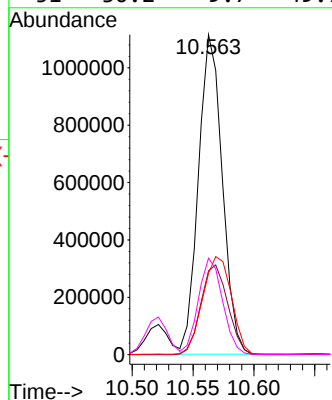
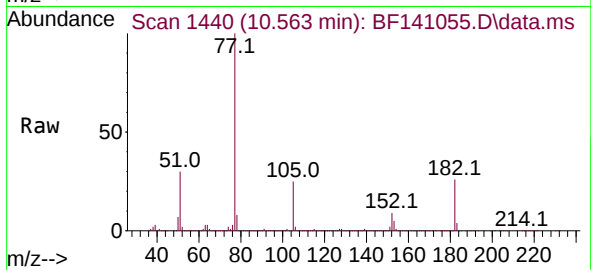




#63
Azobenzene
Concen: 52.652 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

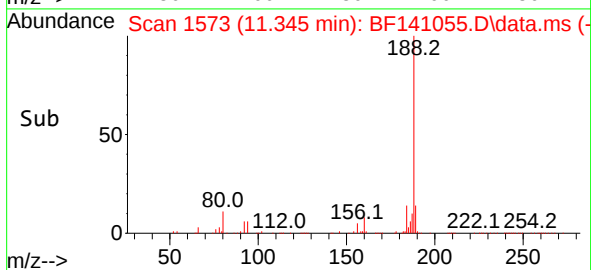
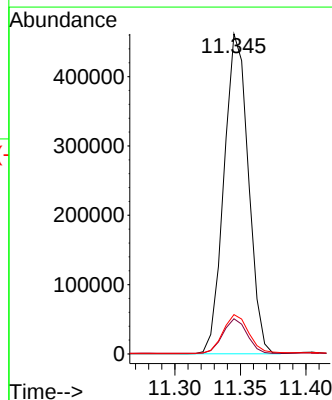
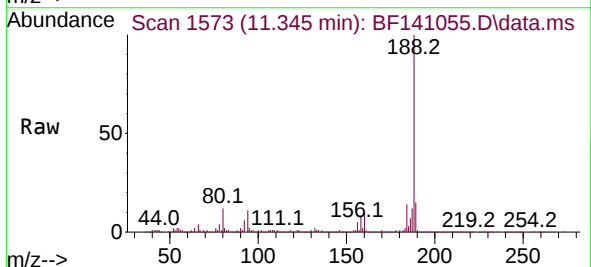
Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion: 77 Resp: 1514678
Ion Ratio Lower Upper
77 100
182 26.2 4.1 44.1
105 25.4 1.8 41.8
51 30.2 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: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion: 188 Resp: 595521
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.3 9.8 14.6

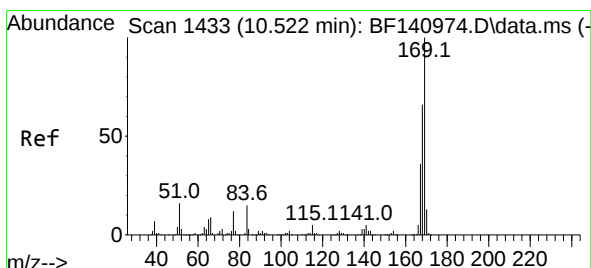
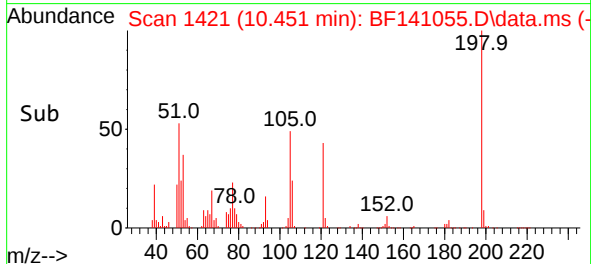
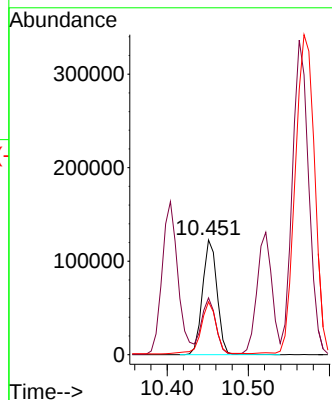
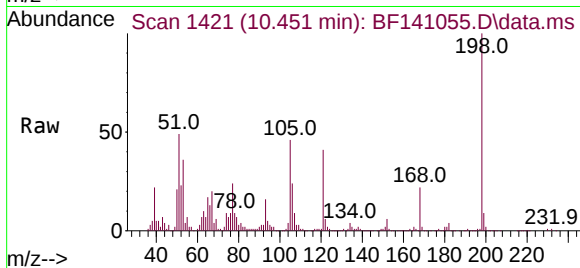




#65
4,6-Dinitro-2-methylphenol
Concen: 61.112 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

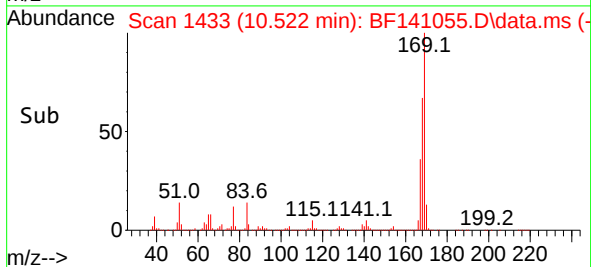
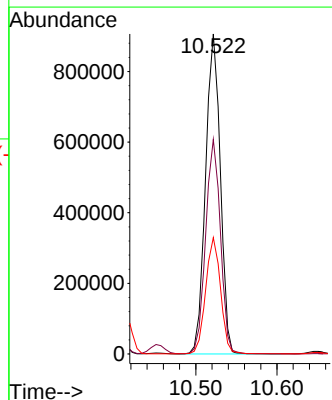
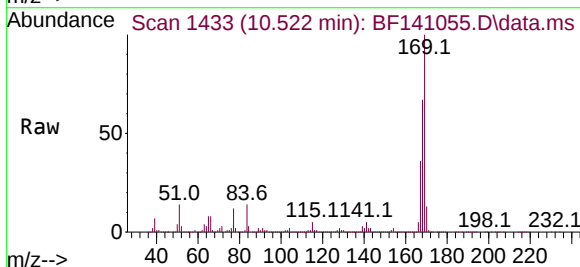
Instrument :
BNA_F
ClientSampleId :
341-349MSD

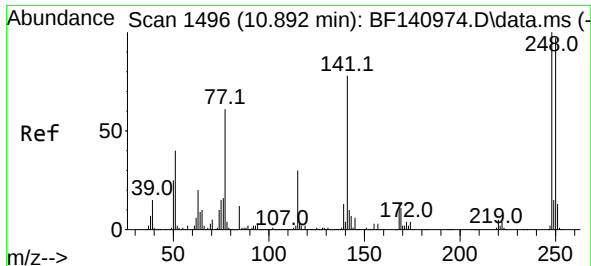
Tgt Ion:198 Resp: 152628
Ion Ratio Lower Upper
198 100
51 49.4 32.3 72.3
105 46.1 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 60.846 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:169 Resp: 1141034
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 36.3 29.0 43.4

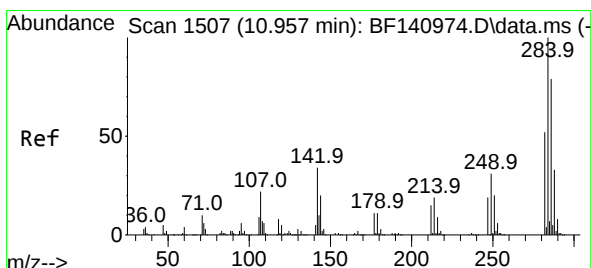
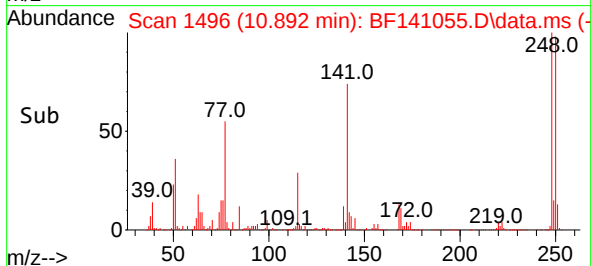
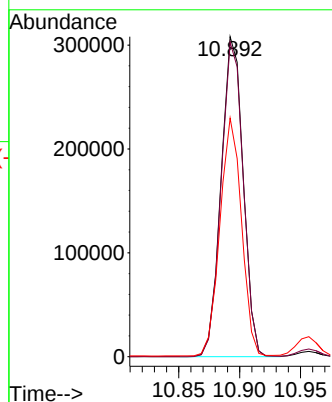
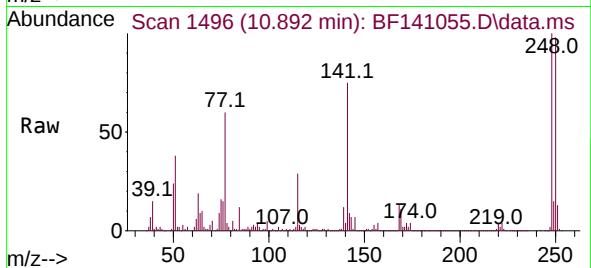




#67
4-Bromophenyl-phenylether
Concen: 60.235 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

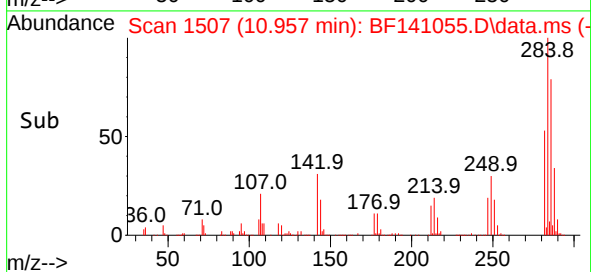
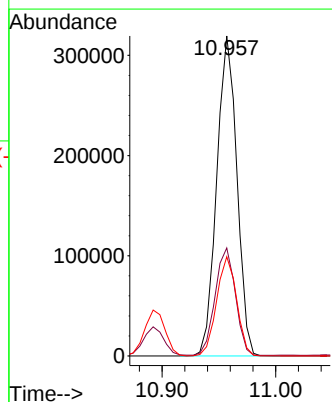
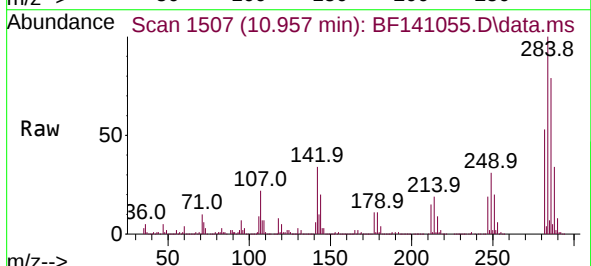
Instrument :
BNA_F
ClientSampleId :
341-349MSD

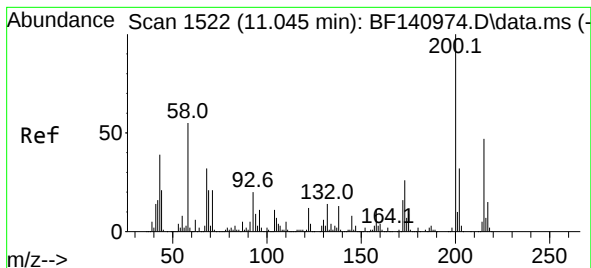
Tgt Ion:248 Resp: 387776
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 74.5 62.1 93.1



#68
Hexachlorobenzene
Concen: 55.477 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:284 Resp: 393810
Ion Ratio Lower Upper
284 100
142 33.8 27.1 40.7
249 31.0 25.1 37.7





#69

Atrazine

Concen: 69.156 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

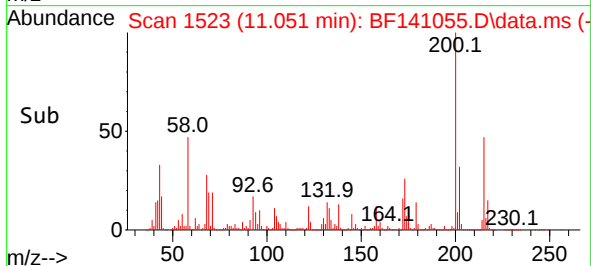
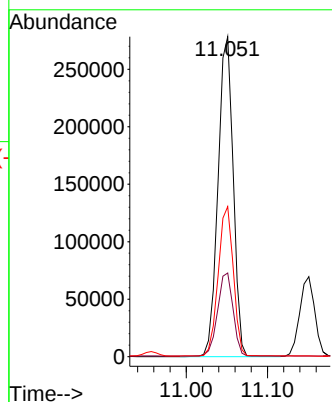
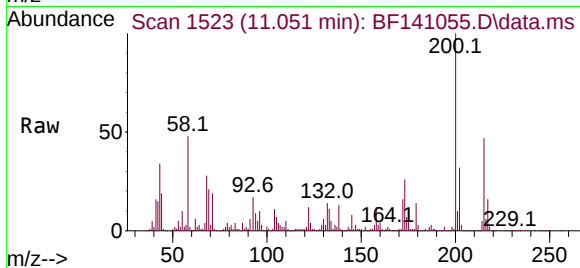
Tgt Ion:200 Resp: 362304

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 46.9 27.2 67.2



#70

Pentachlorophenol

Concen: 107.812 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

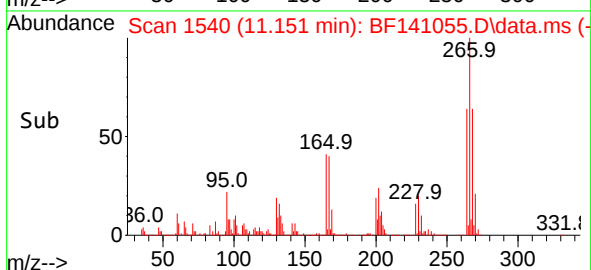
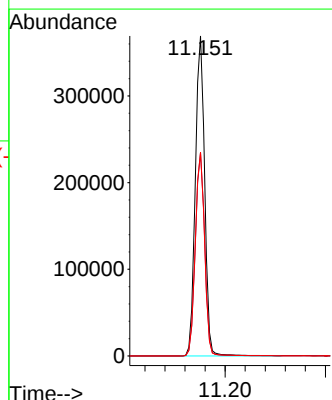
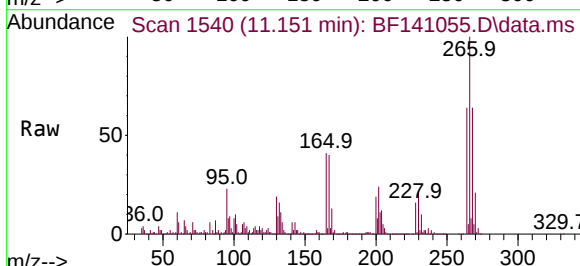
Tgt Ion:266 Resp: 476486

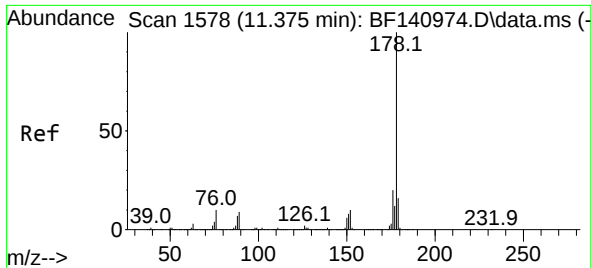
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 63.6 50.2 75.4

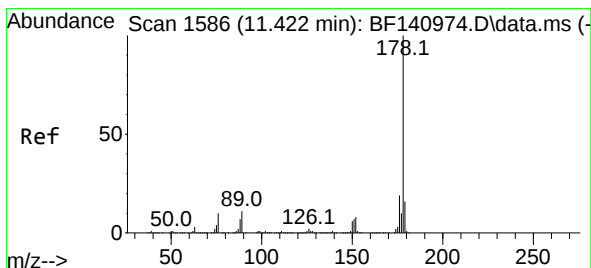
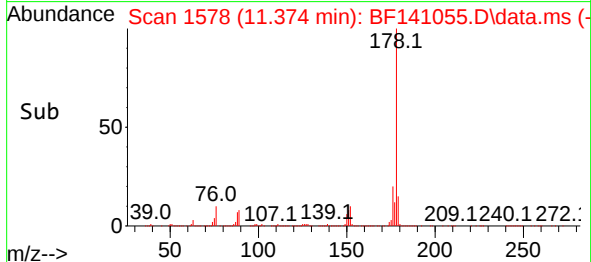
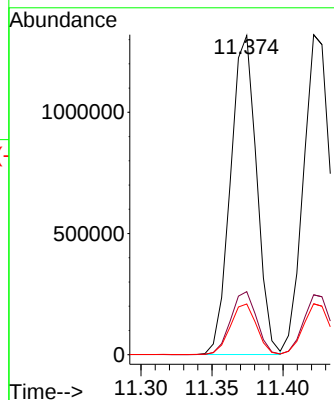
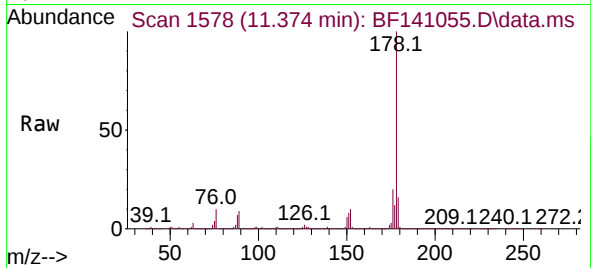




#71
Phenanthrene
Concen: 53.668 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

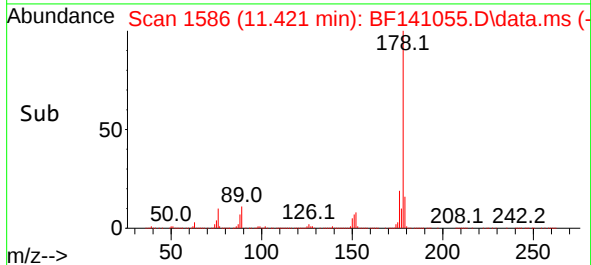
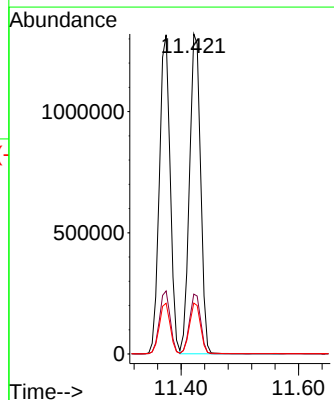
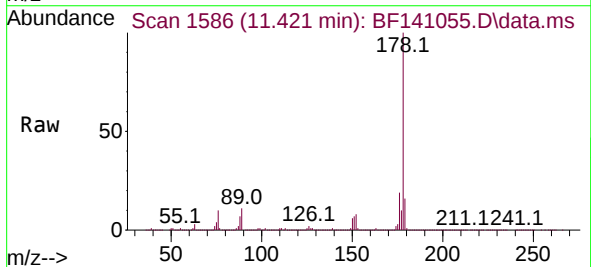
Instrument :
BNA_F
ClientSampleId :
341-349MSD

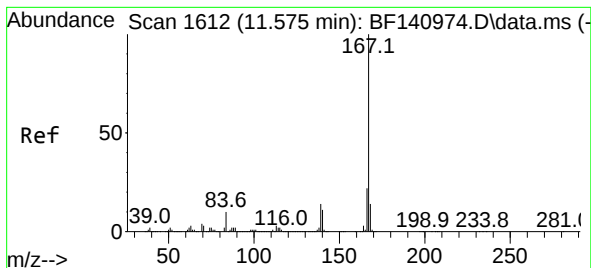
Tgt Ion:178 Resp: 1682118
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.9 12.6 19.0



#72
Anthracene
Concen: 56.268 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:178 Resp: 1728111
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.9 12.9 19.3





#73

Carbazole

Concen: 49.700 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

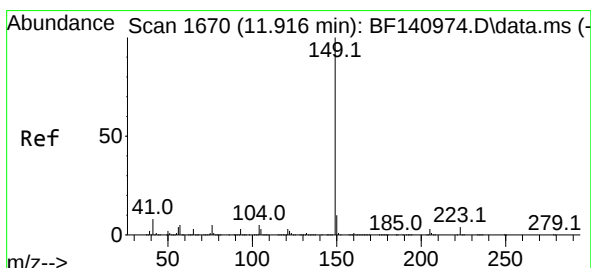
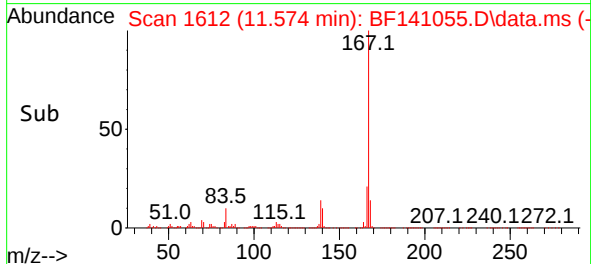
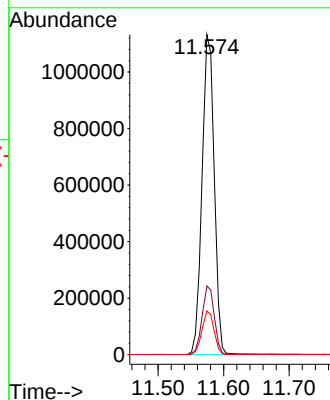
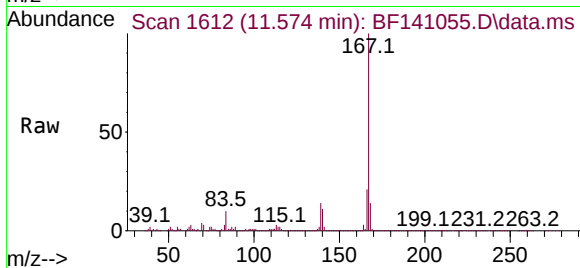
Tgt Ion:167 Resp: 1467349

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 55.493 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

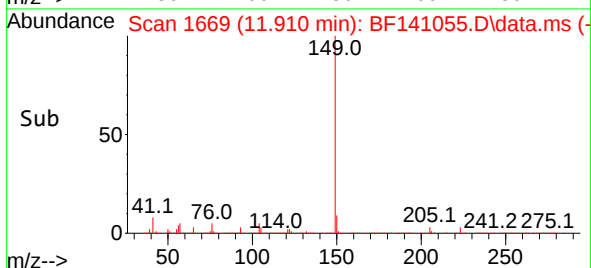
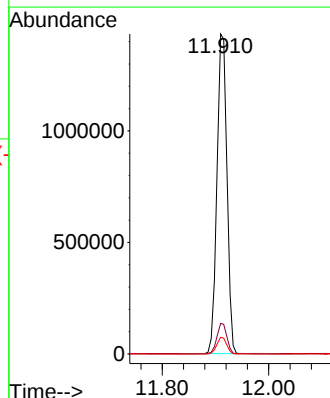
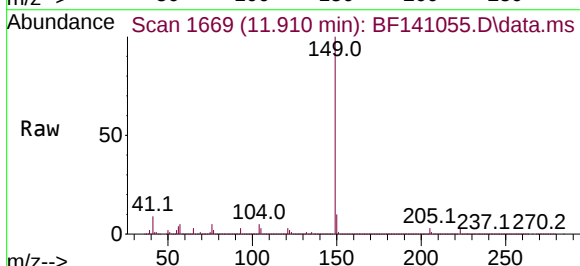
Tgt Ion:149 Resp: 1863485

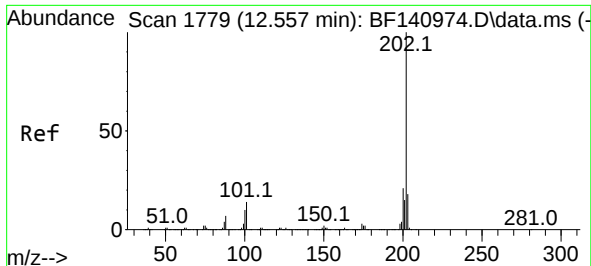
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1

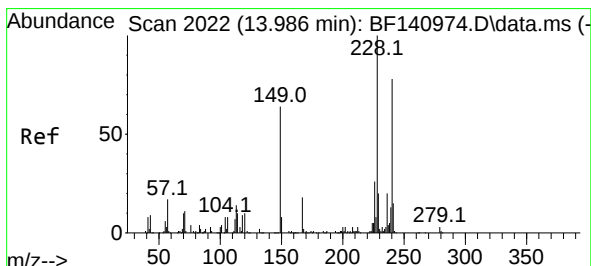
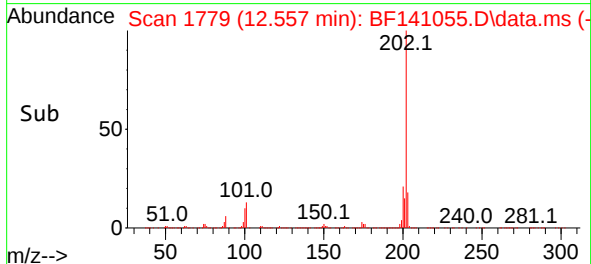
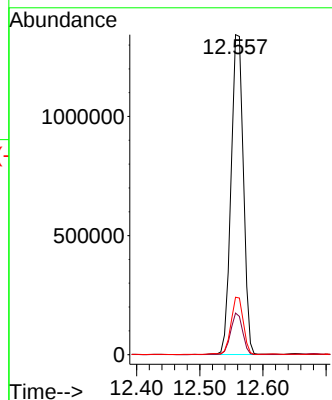
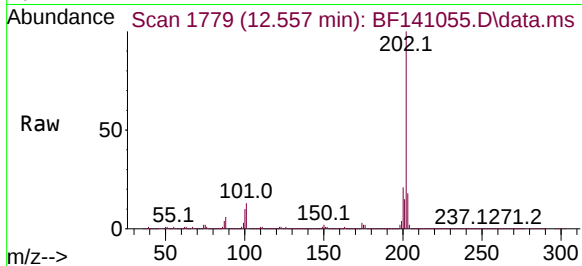




#75
Fluoranthene
Concen: 53.536 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

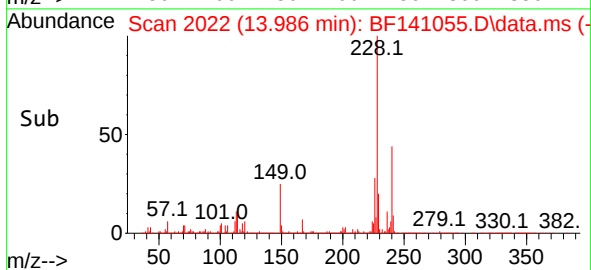
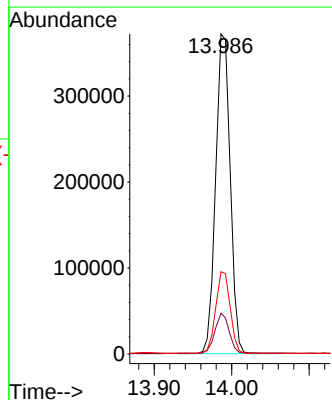
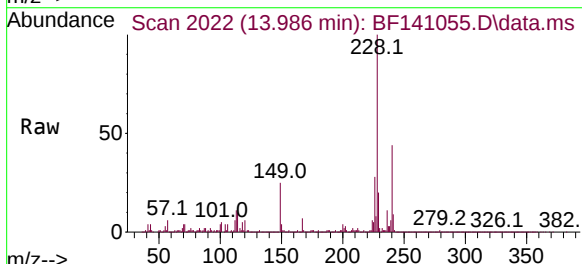
Instrument :
BNA_F
ClientSampleId :
341-349MSD

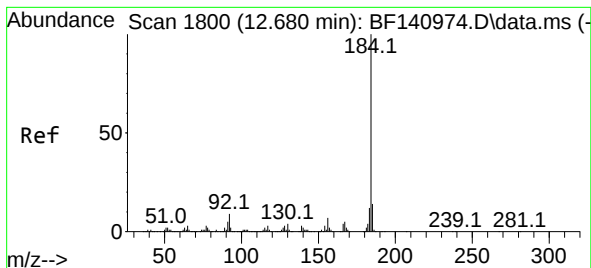
Tgt Ion:202 Resp: 1819877
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.7
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:240 Resp: 486184
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 25.7 20.6 31.0





#77

Benzidine

Concen: 72.555 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

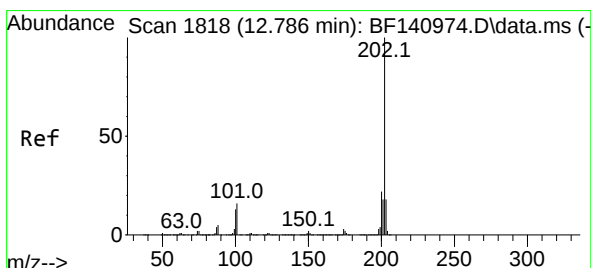
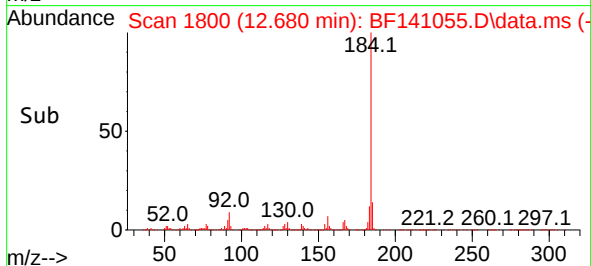
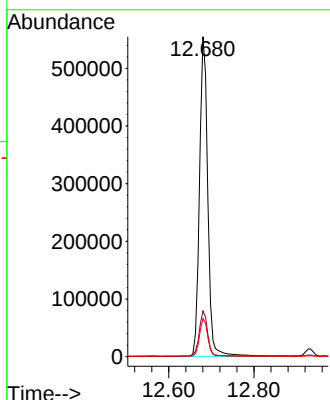
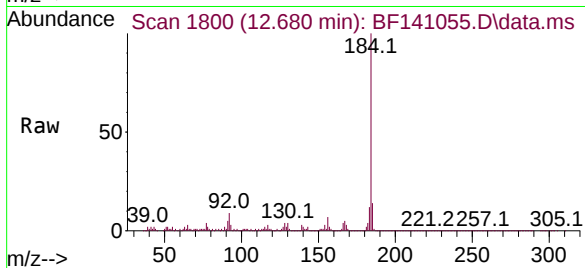
Tgt Ion:184 Resp: 745504

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.9 9.4 14.0



#78

Pyrene

Concen: 44.021 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

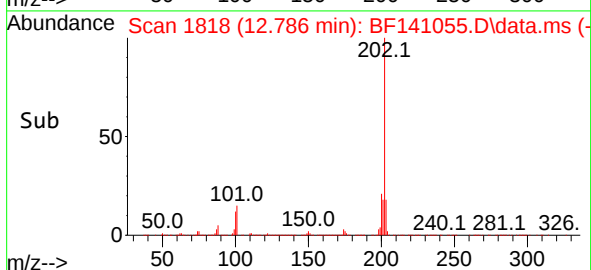
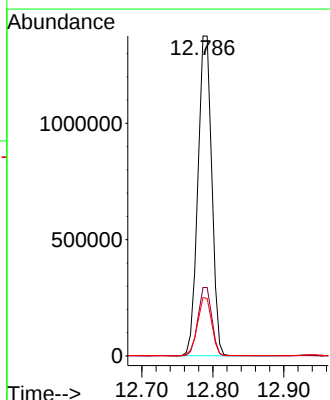
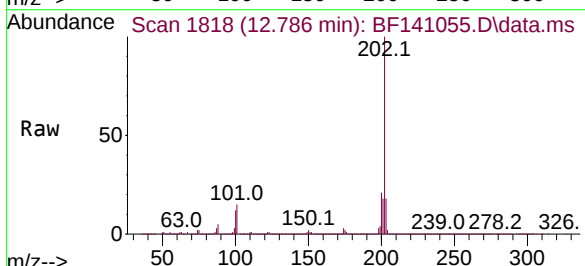
Tgt Ion:202 Resp: 1871821

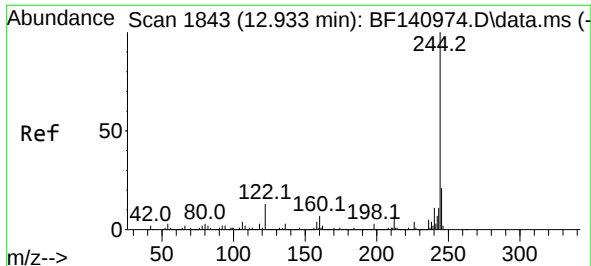
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.3 14.6 21.8

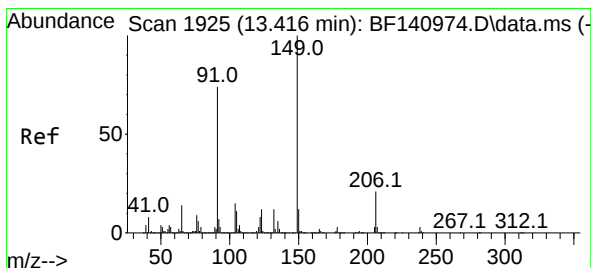
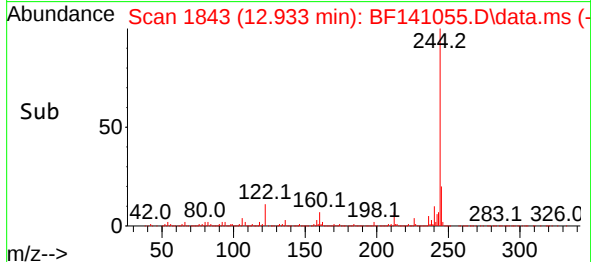
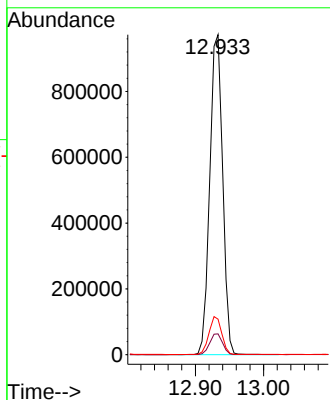
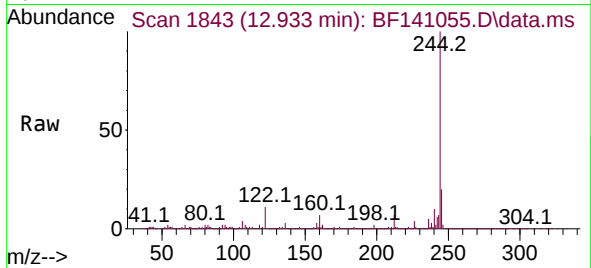




#79
 Terphenyl-d14
 Concen: 43.662 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

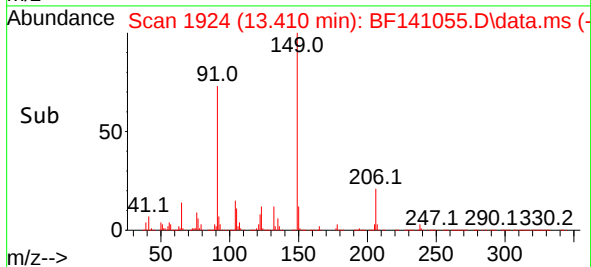
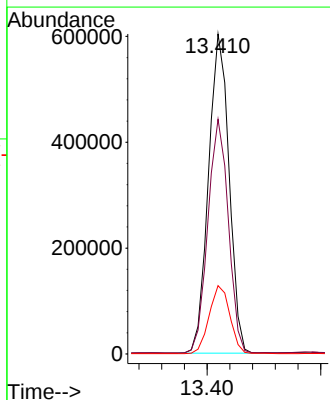
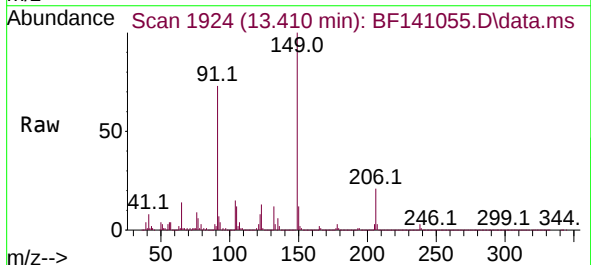
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

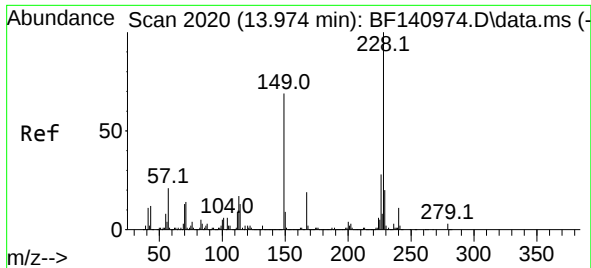
Tgt Ion:244 Resp: 1278027
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 11.1 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 48.792 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141055.D
 Acq: 31 Dec 2024 13:35

Tgt Ion:149 Resp: 757573
 Ion Ratio Lower Upper
 149 100
 91 73.3 59.5 89.3
 206 21.4 17.1 25.7

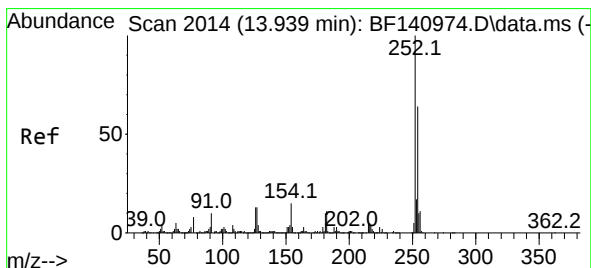
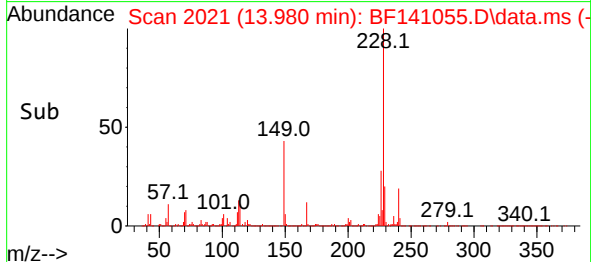
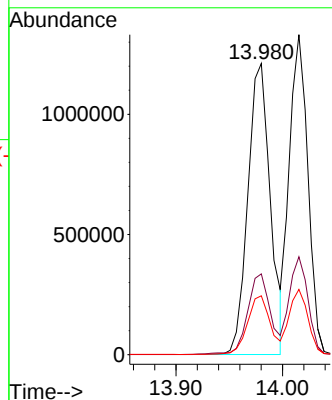
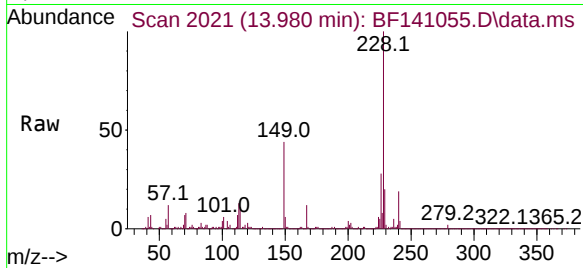




#81
Benzo(a)anthracene
Concen: 52.406 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

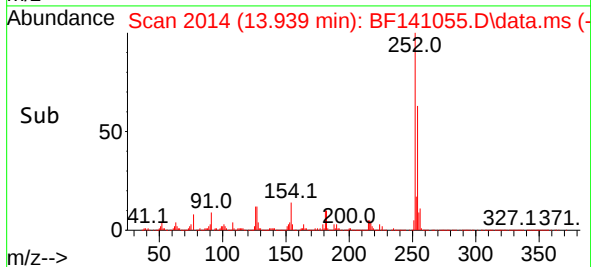
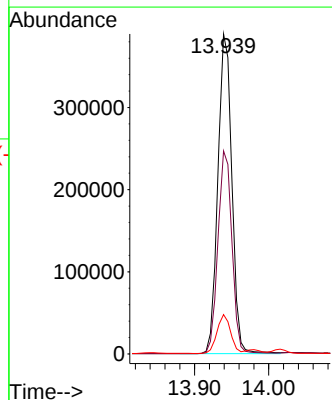
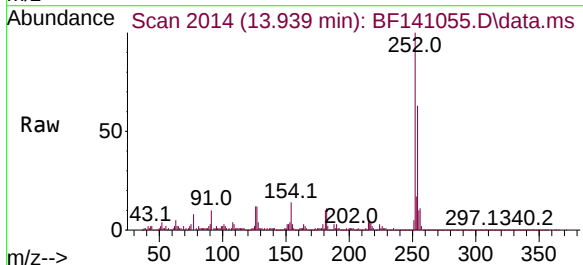
Instrument :
BNA_F
ClientSampleId :
341-349MSD

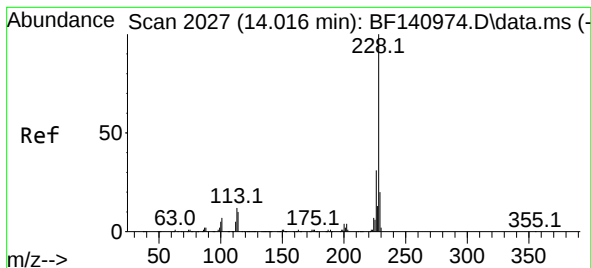
Tgt Ion:228 Resp: 1775748
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 49.998 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:252 Resp: 509004
Ion Ratio Lower Upper
252 100
254 63.5 51.5 77.3
126 12.3 10.3 15.5





#83

Chrysene

Concen: 52.847 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

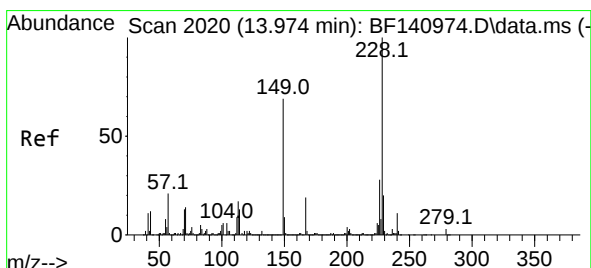
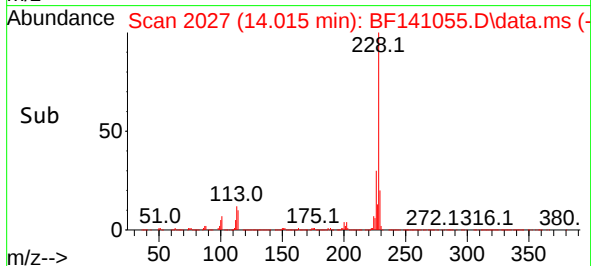
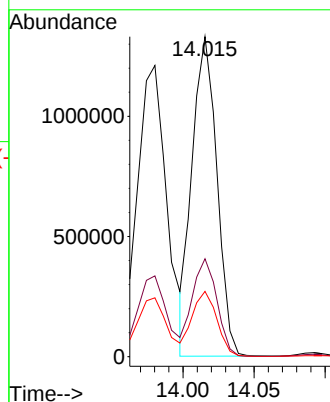
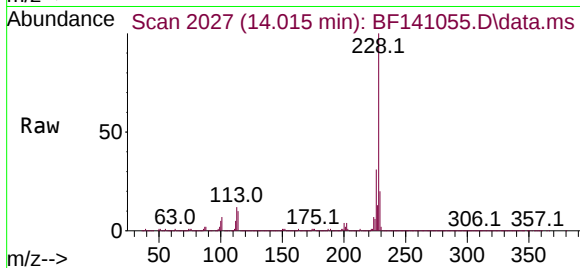
Tgt Ion:228 Resp: 1614233

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.823 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

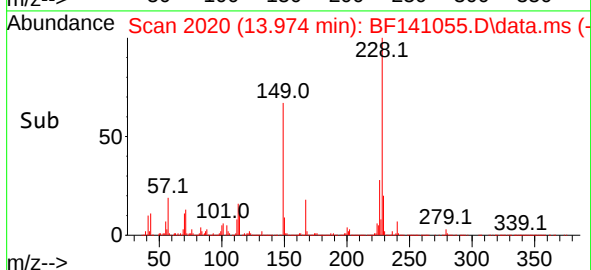
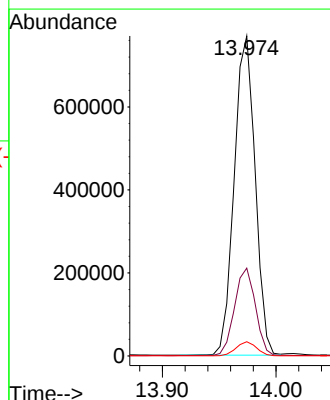
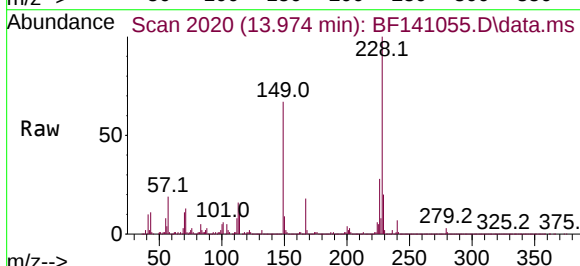
Tgt Ion:149 Resp: 983293

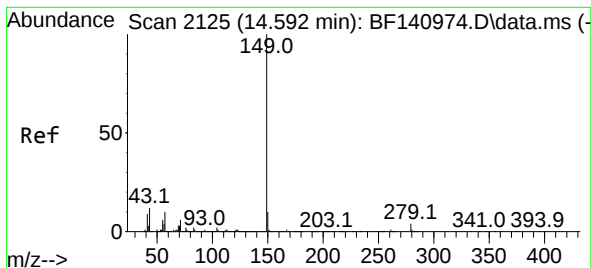
Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 63.228 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

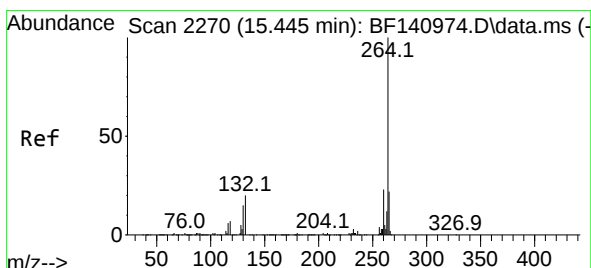
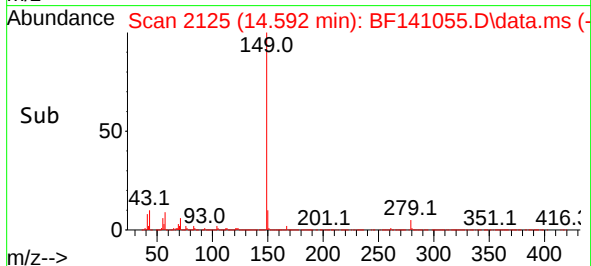
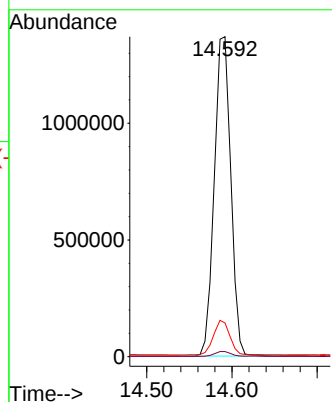
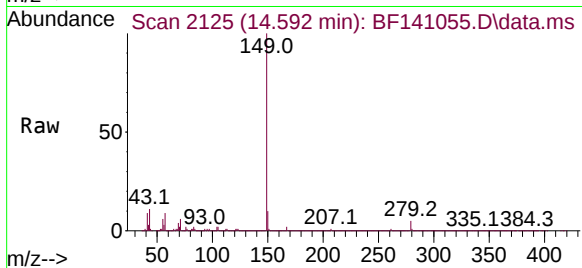
Tgt Ion:149 Resp: 1843066

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: BF141055.D

Acq: 31 Dec 2024 13:35

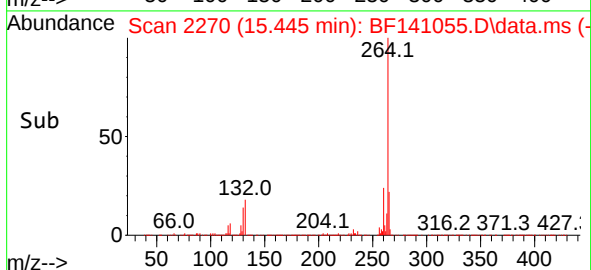
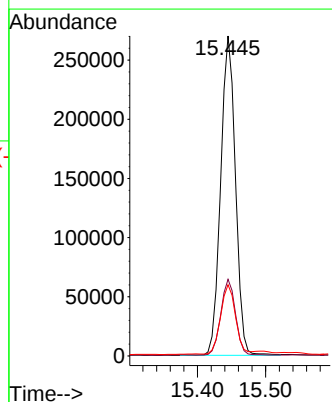
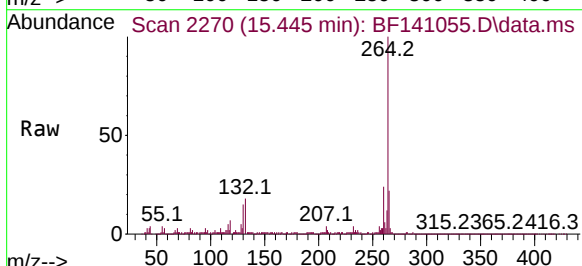
Tgt Ion:264 Resp: 407270

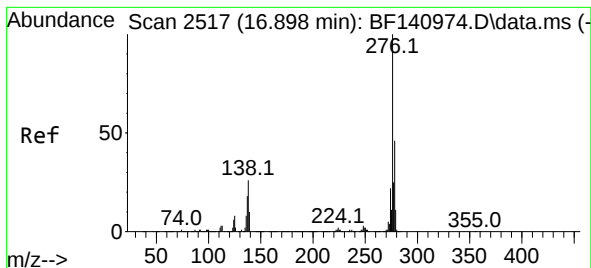
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.599 ng

RT: 16.898 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

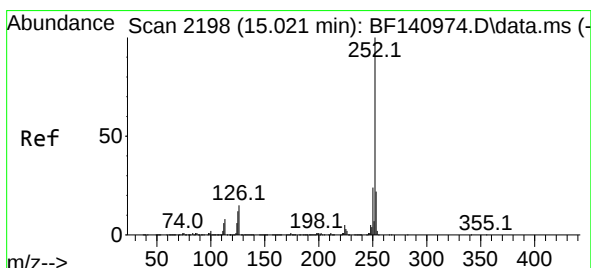
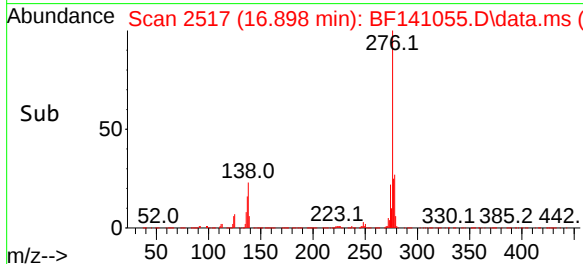
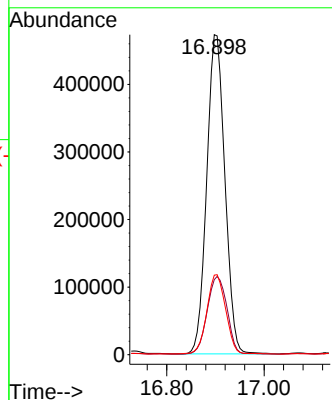
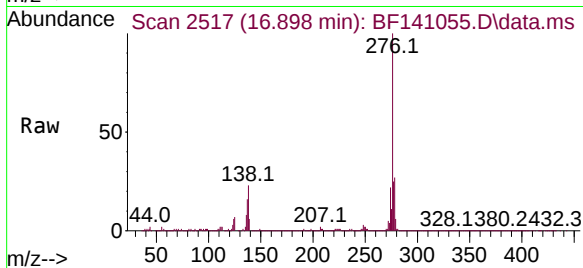
Tgt Ion:276 Resp: 1221342

Ion Ratio Lower Upper

276 100

138 26.4 23.1 34.7

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 58.950 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

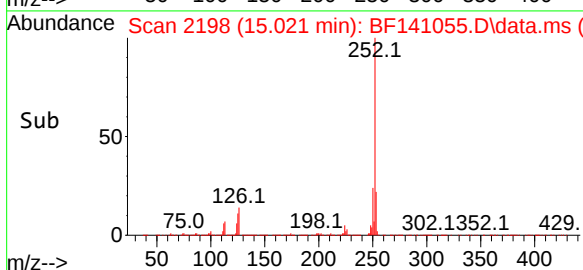
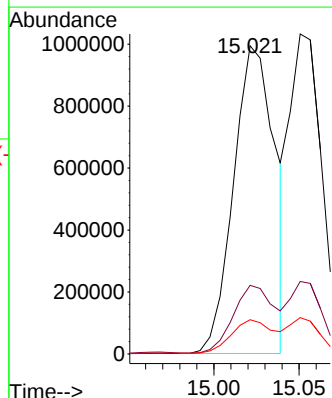
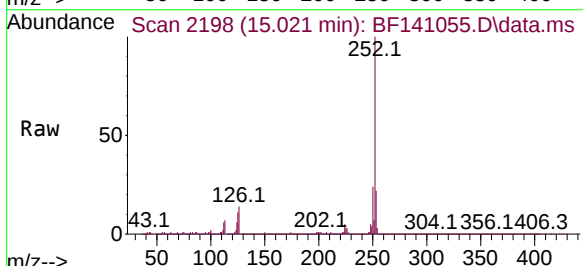
Tgt Ion:252 Resp: 1674460

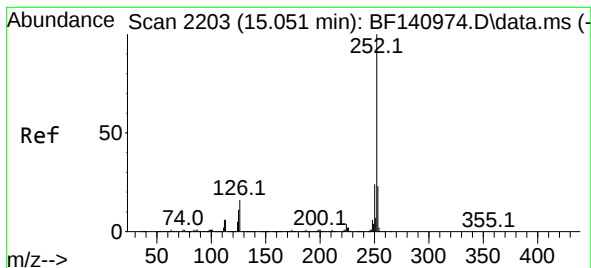
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 60.729 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

Instrument :

BNA_F

ClientSampleId :

341-349MSD

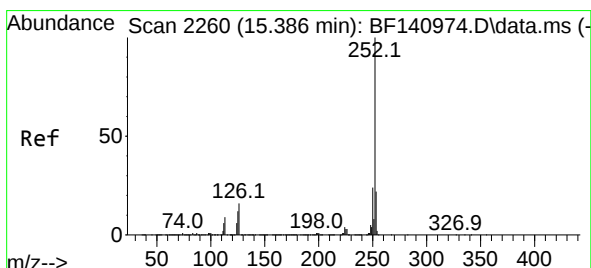
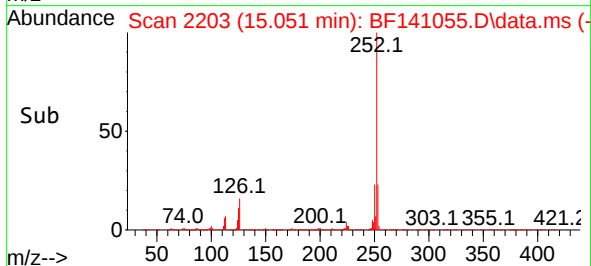
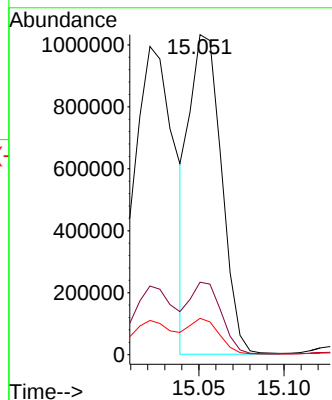
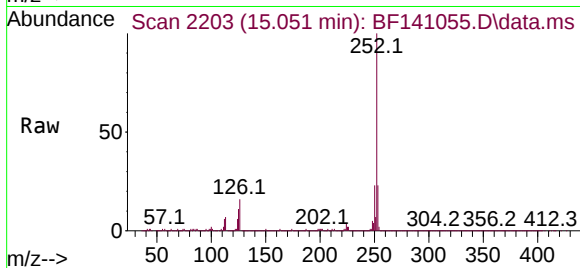
Tgt Ion:252 Resp: 1351994

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 11.3 9.4 14.0



#90

Benzo(a)pyrene

Concen: 59.614 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141055.D

Acq: 31 Dec 2024 13:35

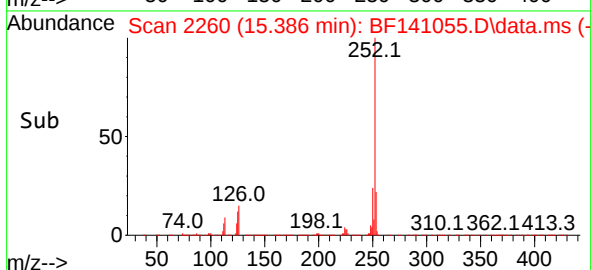
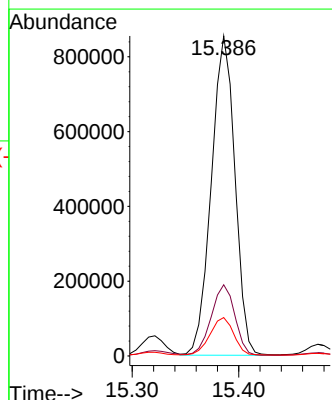
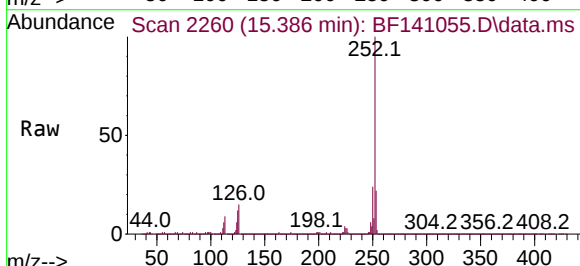
Tgt Ion:252 Resp: 1314307

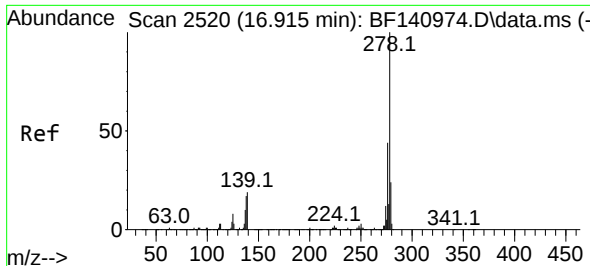
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 12.0 9.8 14.8

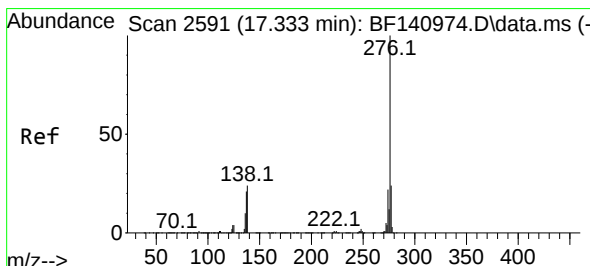
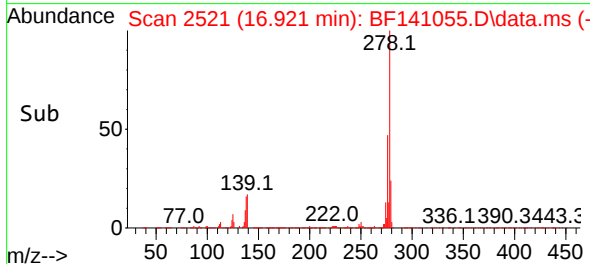
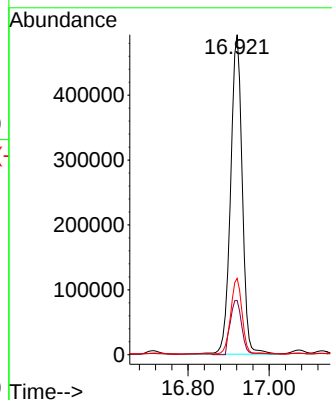
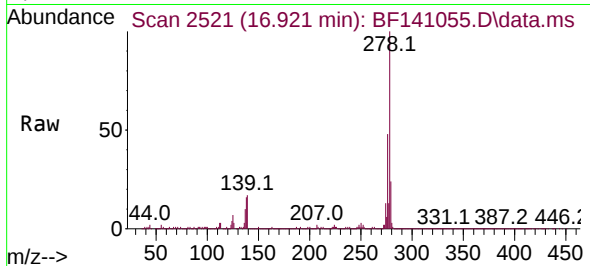




#91
Dibenzo(a,h)anthracene
Concen: 47.278 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:278 Resp: 983355
Ion Ratio Lower Upper
278 100
139 16.9 14.9 22.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.080 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF141055.D
Acq: 31 Dec 2024 13:35

Tgt Ion:276 Resp: 907783
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 22.7 19.4 29.2

