

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141043.D
 Acq On : 30 Dec 2024 20:44
 Operator : RC/JU
 Sample : P5391-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-12272024MSD

Quant Time: Dec 31 00:16:42 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	251864	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	968357	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	473704	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	653428	20.000	ng	0.00
76) Chrysene-d12	13.986	240	486352	20.000	ng	0.00
86) Perylene-d12	15.445	264	510837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1709725	102.325	ng	0.01
7) Phenol-d6	6.451	99	2165381	100.601	ng	0.00
23) Nitrobenzene-d5	7.392	82	1328696	87.785	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	499422	108.499	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2231287	75.046	ng	0.00
79) Terphenyl-d14	12.933	244	1760881	60.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	311208	41.140	ng	99
3) Pyridine	3.375	79	815113	44.092	ng	99
4) n-Nitrosodimethylamine	3.322	42	434820	46.422	ng	100
6) Aniline	6.492	93	854396	44.507	ng	99
8) 2-Chlorophenol	6.610	128	874795	49.658	ng	98
9) Benzaldehyde	6.375	77	153741	7.987	ng	97
10) Phenol	6.469	94	1109030	49.829	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	830632	46.221	ng	98
12) 1,3-Dichlorobenzene	6.769	146	900289	46.308	ng	99
13) 1,4-Dichlorobenzene	6.845	146	907741	46.317	ng	99
14) 1,2-Dichlorobenzene	6.998	146	869557	47.587	ng	99
15) Benzyl Alcohol	6.969	79	747528	48.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1274777	46.906	ng	99
17) 2-Methylphenol	7.081	107	693690	47.399	ng	99
18) Hexachloroethane	7.339	117	330542	47.477	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	595672	45.173	ng	98
20) 3+4-Methylphenols	7.234	107	848047	45.790	ng	# 80
22) Acetophenone	7.239	105	1104241	46.484	ng	98
24) Nitrobenzene	7.410	77	889686	52.605	ng	96
25) Isophorone	7.651	82	1593385	48.378	ng	99
26) 2-Nitrophenol	7.728	139	431720	60.710	ng	99
27) 2,4-Dimethylphenol	7.763	122	693208	57.589	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	979033	46.916	ng	99
29) 2,4-Dichlorophenol	7.963	162	680679	49.859	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	708539	45.854	ng	99
31) Naphthalene	8.133	128	2341324	45.884	ng	100
32) Benzoic acid	7.875	122	558603	55.046	ng	99
33) 4-Chloroaniline	8.175	127	339933	18.415	ng	99
34) Hexachlorobutadiene	8.251	225	431883	47.411	ng	99
35) Caprolactam	8.545	113	227840m	49.092	ng	
36) 4-Chloro-3-methylphenol	8.651	107	711146	46.905	ng	100
37) 2-Methylnaphthalene	8.822	142	1519026	46.534	ng	100
38) 1-Methylnaphthalene	8.922	142	1412535	44.030	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	674544	51.760	ng	99
41) Hexachlorocyclopentadiene	8.975	237	518957	120.165	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	468412	54.004	ng	100

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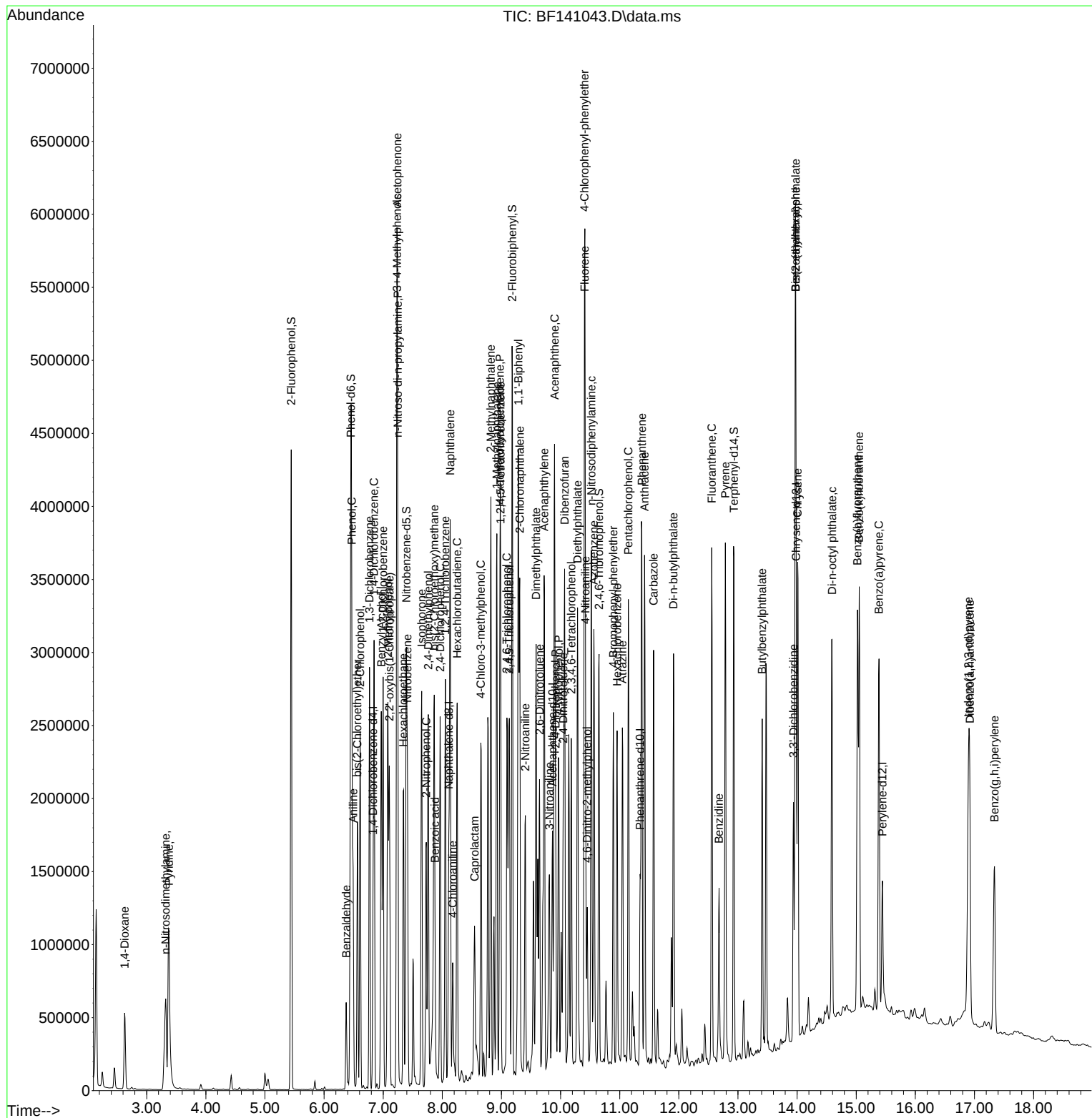
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	457853	51.591	ng	99
46) 1,1'-Biphenyl	9.286	154	1812901	49.982	ng	99
47) 2-Chloronaphthalene	9.310	162	1359433	48.325	ng	99
48) 2-Nitroaniline	9.404	65	422695	56.524	ng	93
49) Acenaphthylene	9.722	152	2054474	50.733	ng	99
50) Dimethylphthalate	9.586	163	1594214	51.164	ng	100
51) 2,6-Dinitrotoluene	9.645	165	351508	54.761	ng	94
52) Acenaphthene	9.898	154	1482662	54.157	ng	99
53) 3-Nitroaniline	9.810	138	268920	39.533	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	301294	104.324	ng	# 1
55) Dibenzofuran	10.069	168	1849682	48.076	ng	99
56) 4-Nitrophenol	9.969	139	524371	98.382	ng	95
57) 2,4-Dinitrotoluene	10.045	165	441740	55.984	ng	95
58) Fluorene	10.410	166	1364952	45.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	368380	50.119	ng	99
60) Diethylphthalate	10.286	149	1500089	48.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	667924	46.526	ng	98
62) 4-Nitroaniline	10.422	138	308973	44.981	ng	94
63) Azobenzene	10.563	77	1558274	48.263	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	199141	70.902	ng	95
66) n-Nitrosodiphenylamine	10.522	169	1222234	59.400	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	412680	58.423	ng	97
68) Hexachlorobenzene	10.957	284	419203	53.821	ng	99
69) Atrazine	11.045	200	388881	67.651	ng	99
70) Pentachlorophenol	11.145	266	511358	105.448	ng	100
71) Phenanthrene	11.374	178	2044645	59.454	ng	100
72) Anthracene	11.422	178	1880265	55.797	ng	99
73) Carbazole	11.574	167	1566829	48.367	ng	100
74) Di-n-butylphthalate	11.910	149	1954480	53.044	ng	100
75) Fluoranthene	12.557	202	1986910	53.270	ng	99
77) Benzidine	12.680	184	627012	61.002	ng	100
78) Pyrene	12.786	202	1974387	46.418	ng	100
80) Butylbenzylphthalate	13.410	149	719562	46.328	ng	99
81) Benzo(a)anthracene	13.974	228	1714133	50.571	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	481637	47.294	ng	99
83) Chrysene	14.010	228	1633606	53.463	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	938869	46.601	ng	100
85) Di-n-octyl phthalate	14.592	149	1777160	60.946	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1459327	45.343	ng	97
88) Benzo(b)fluoranthene	15.021	252	1888147	52.996	ng	99
89) Benzo(k)fluoranthene	15.051	252	1408108	50.427	ng	99
90) Benzo(a)pyrene	15.386	252	1531936	55.397	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	1195307	45.817	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1044416	38.598	ng	98

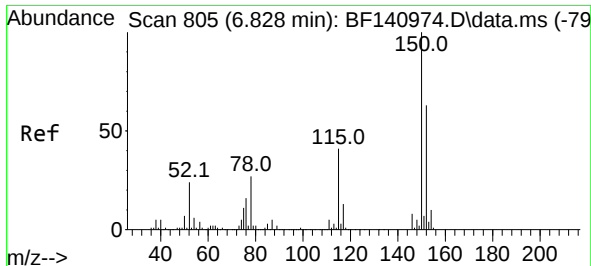
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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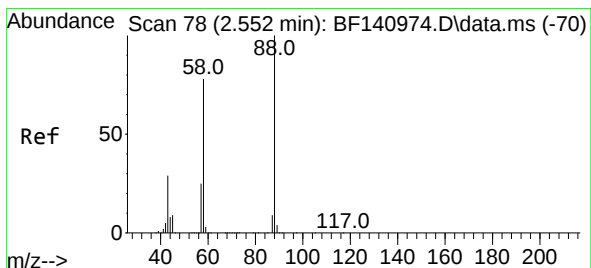
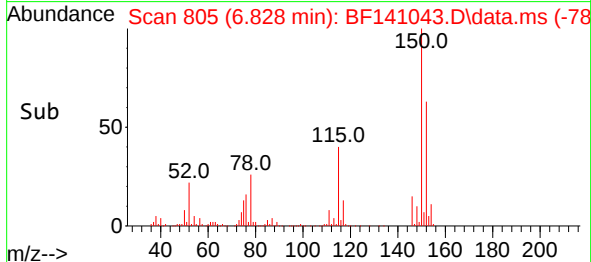
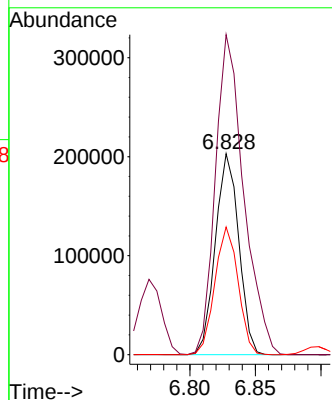
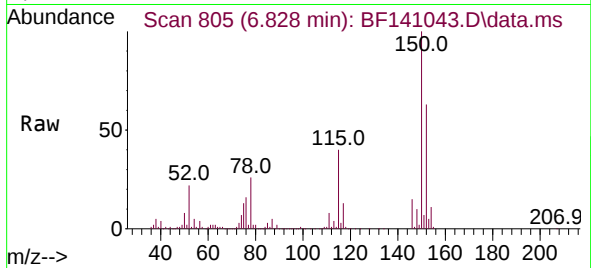




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141043.D
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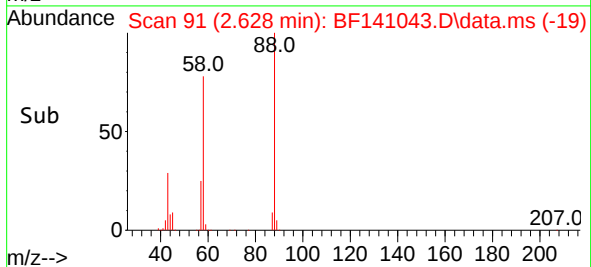
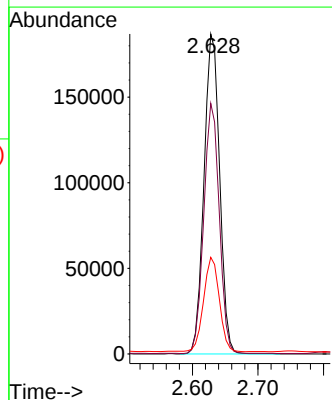
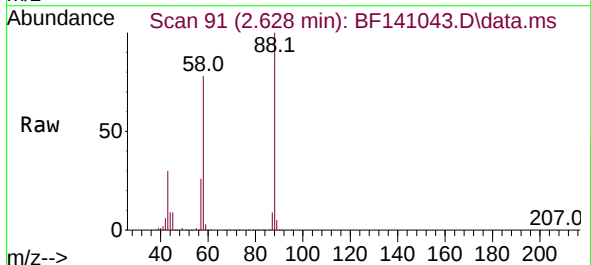
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 NB-07-12272024MSD

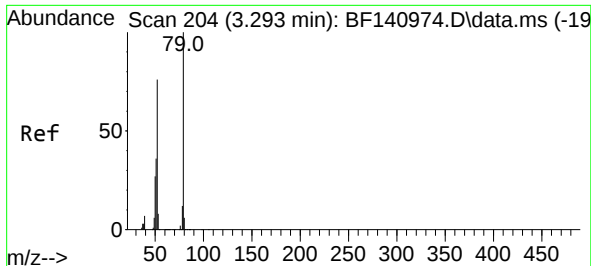
Tgt Ion:152 Resp: 251864
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.0 190.6
 115 63.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 41.140 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF141043.D
 Acq: 30 Dec 2024 20:44

Tgt Ion: 88 Resp: 311208
 Ion Ratio Lower Upper
 88 100
 58 77.2 63.0 94.4
 43 29.6 23.4 35.2

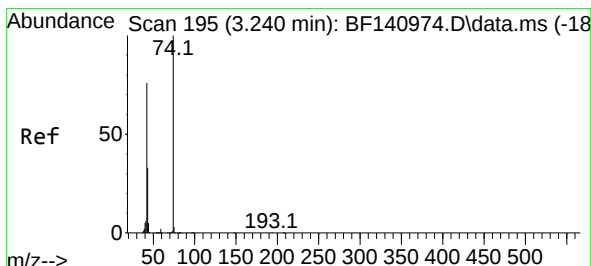
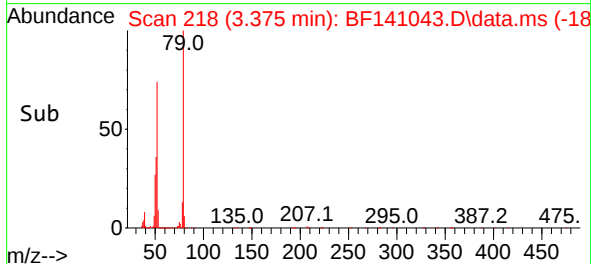
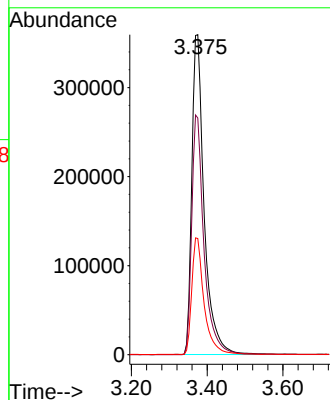
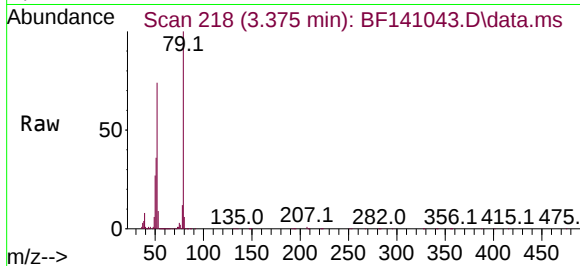




#3
Pyridine
Concen: 44.092 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

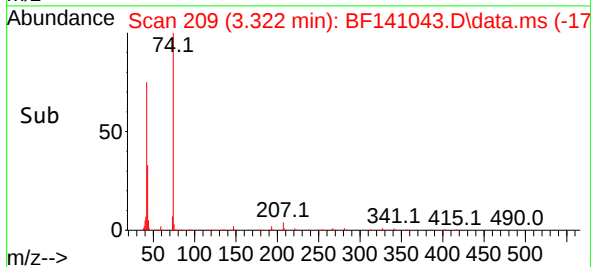
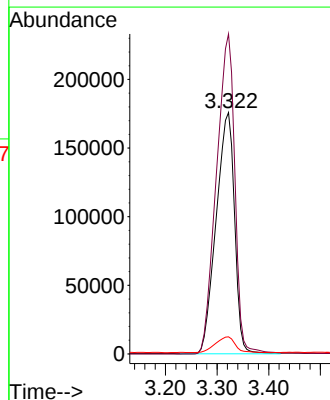
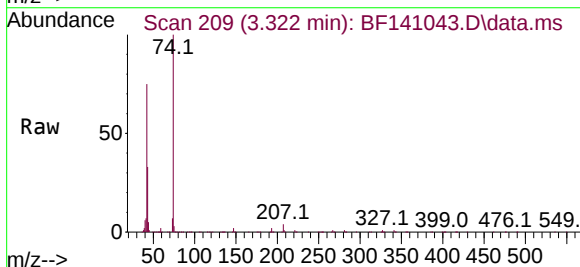
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Tgt Ion: 79 Resp: 815113
Ion Ratio Lower Upper
79 100
52 74.0 60.4 90.6
51 36.3 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 46.422 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 42 Resp: 434820
Ion Ratio Lower Upper
42 100
74 132.5 105.8 158.6
44 7.1 6.6 10.0

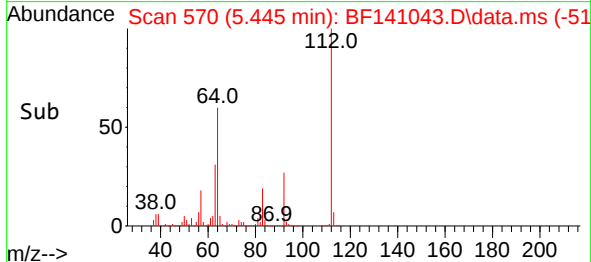
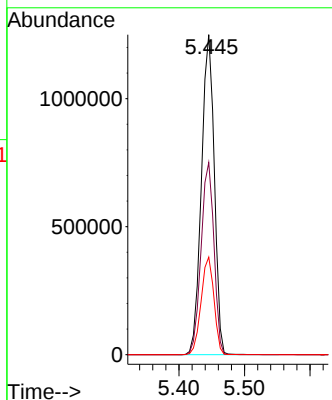
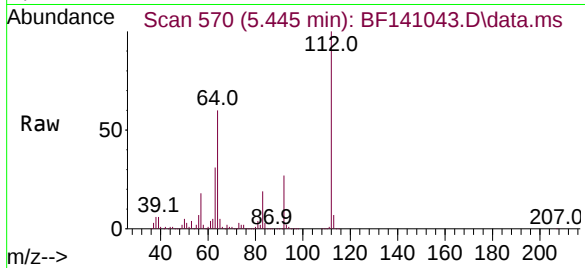




#5
2-Fluorophenol
Concen: 102.325 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

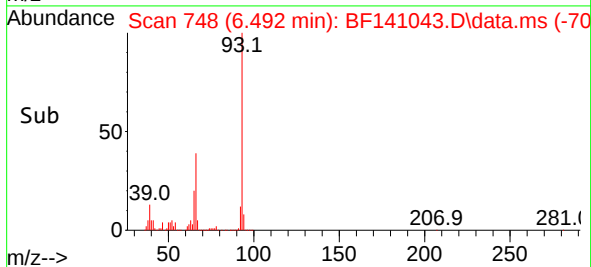
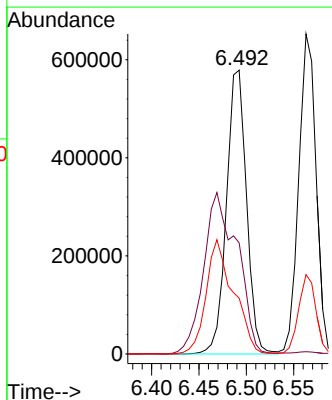
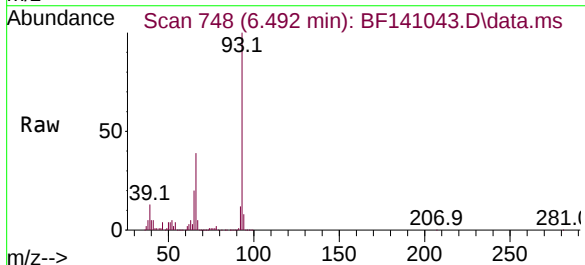
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion:112 Resp: 1709725
Ion Ratio Lower Upper
112 100
64 60.1 47.7 71.5
63 30.5 24.2 36.2



#6
Aniline
Concen: 44.507 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 93 Resp: 854396
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 19.7 15.4 23.0



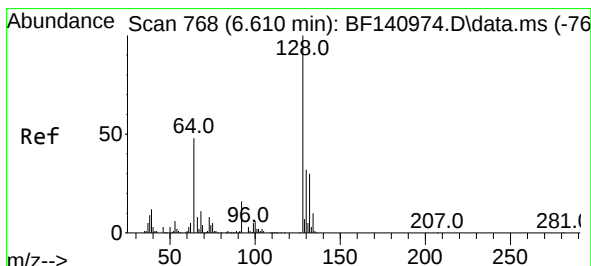
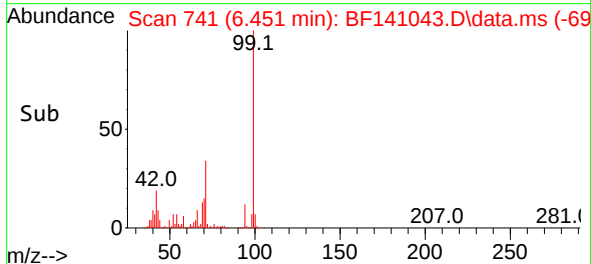
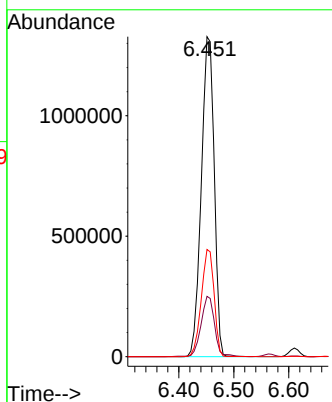
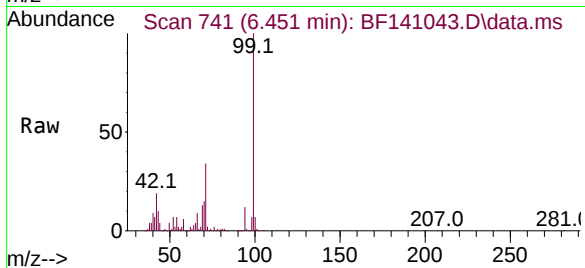


#7
Phenol-d6
Concen: 100.601 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141043.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 2165381

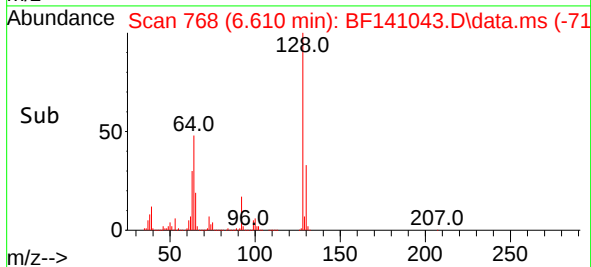
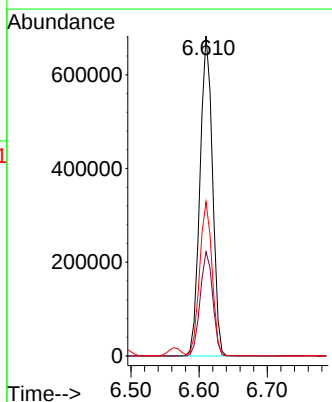
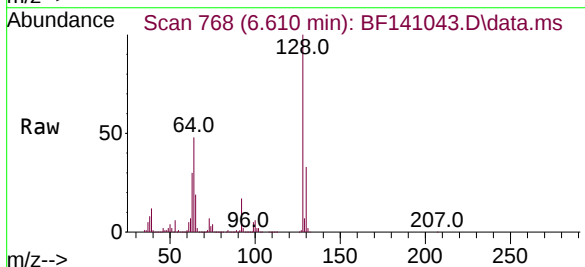
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	33.5	26.2	39.2

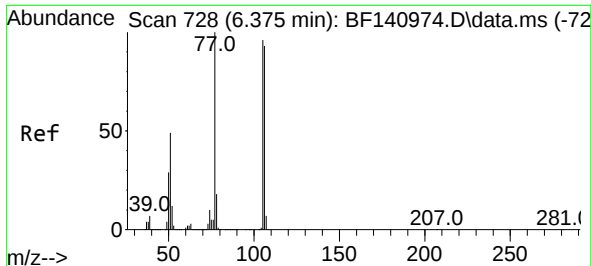


#8
2-Chlorophenol
Concen: 49.658 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141043.D
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Tgt Ion: 128 Resp: 874795

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	48.2	30.3	70.3

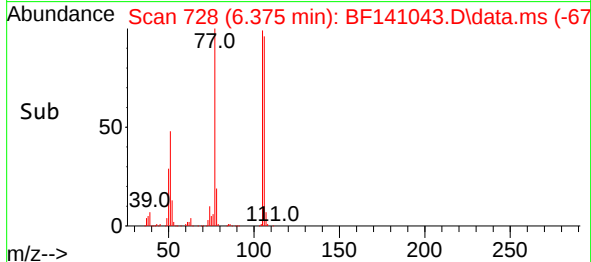
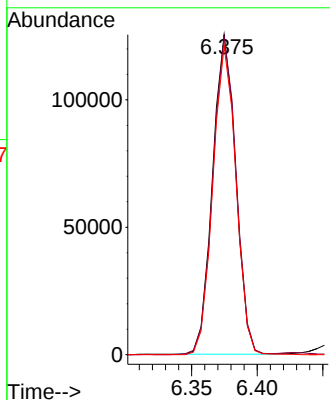
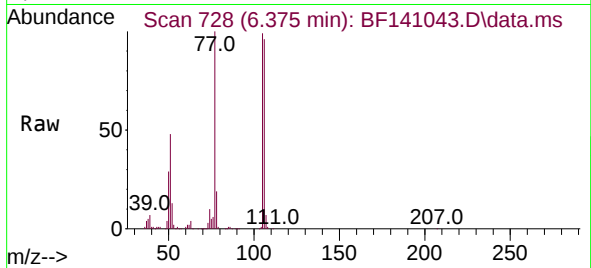




#9
Benzaldehyde
Concen: 7.987 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
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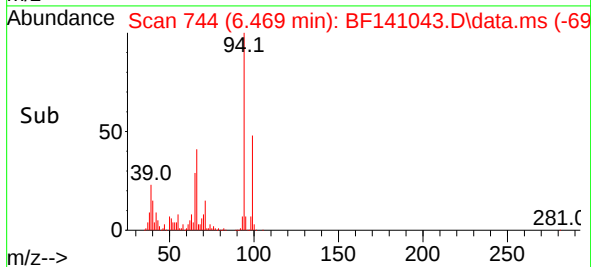
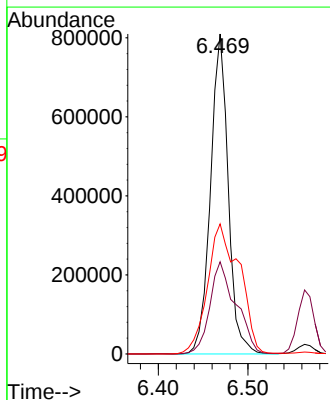
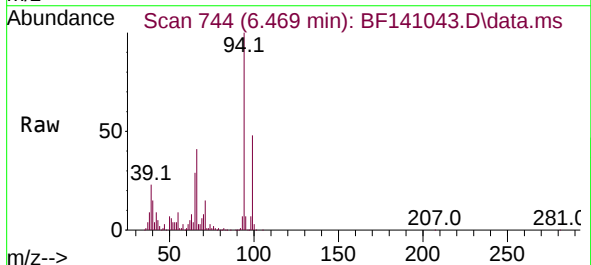
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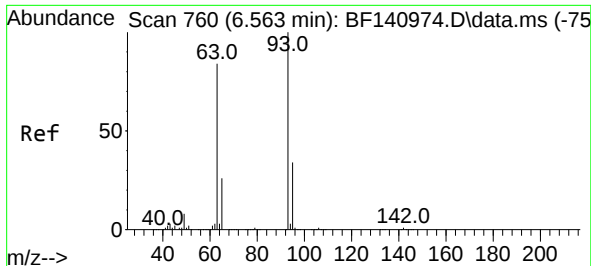
Tgt Ion: 77 Resp: 153741
Ion Ratio Lower Upper
77 100
105 99.4 76.2 116.2
106 96.5 73.4 113.4



#10
Phenol
Concen: 49.829 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1109030
Ion Ratio Lower Upper
94 100
65 28.8 8.1 48.1
66 40.6 18.7 58.7

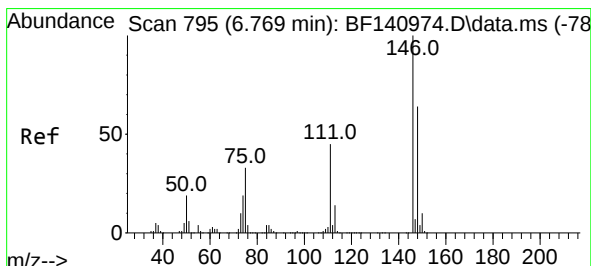
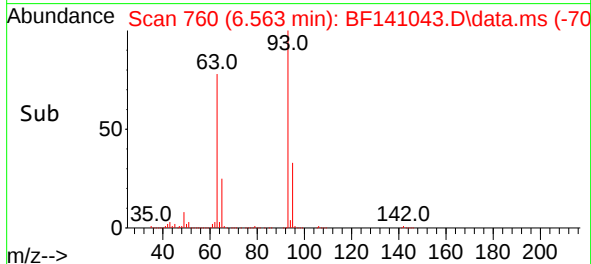
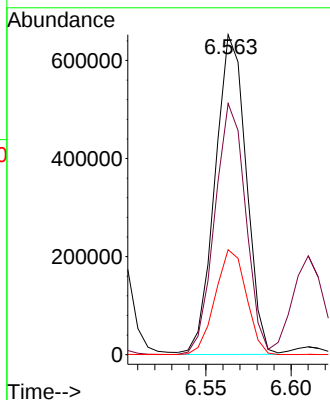
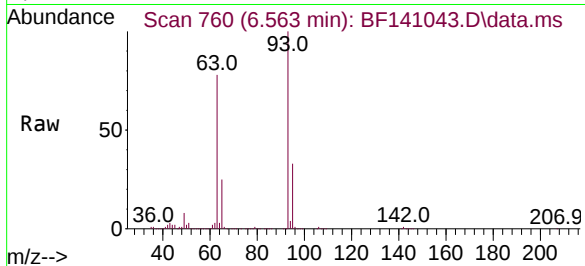




#11
bis(2-Chloroethyl)ether
Concen: 46.221 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

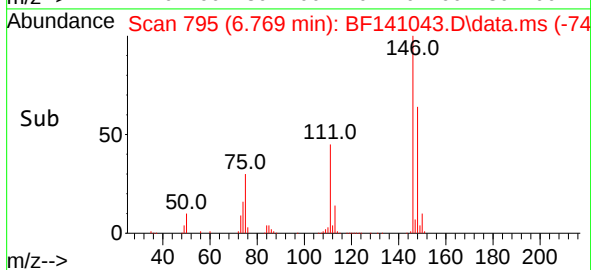
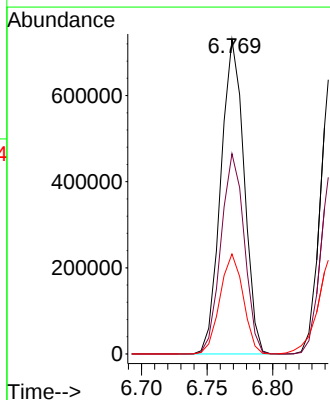
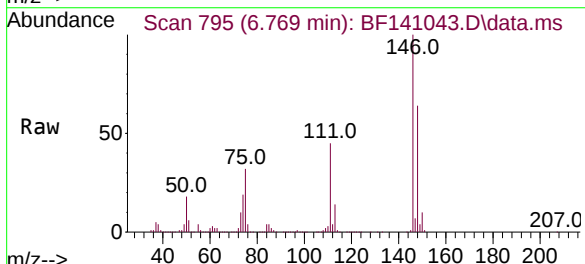
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

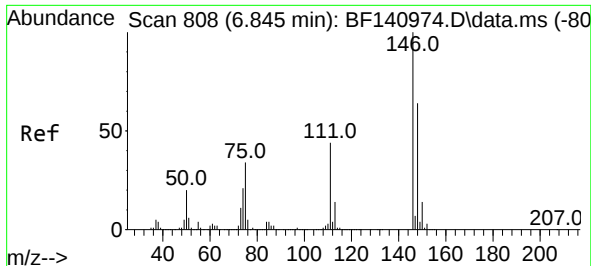
Tgt Ion: 93 Resp: 830632
Ion Ratio Lower Upper
93 100
63 78.5 60.3 100.3
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.308 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:146 Resp: 900289
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.8 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 46.317 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141043.D

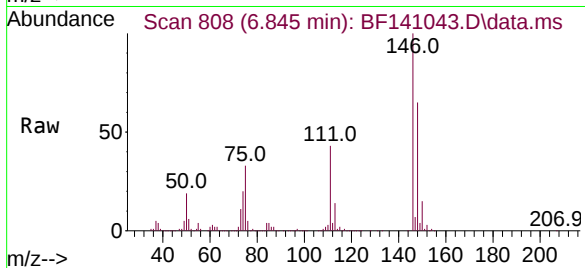
Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD



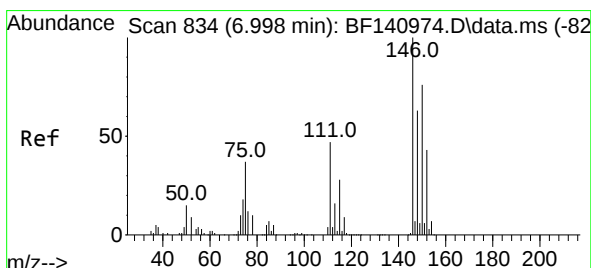
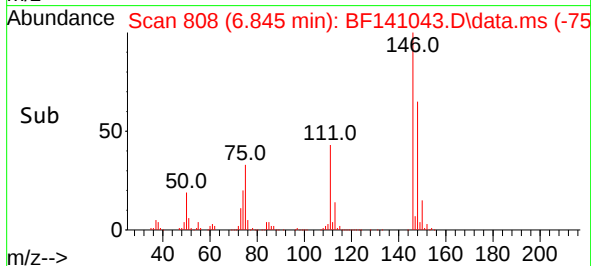
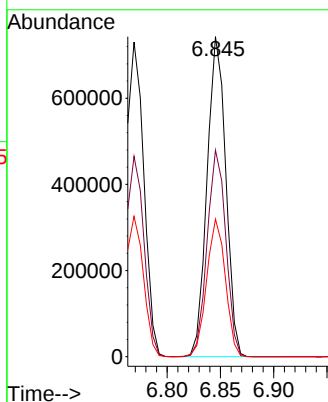
Tgt Ion:146 Resp: 907741

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 43.0 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 47.587 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

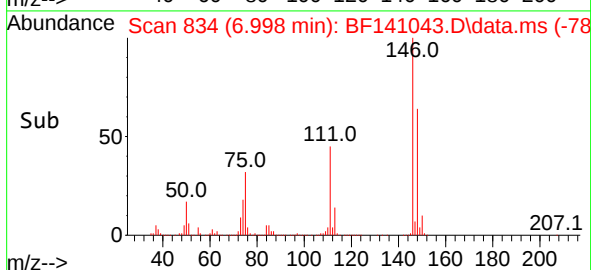
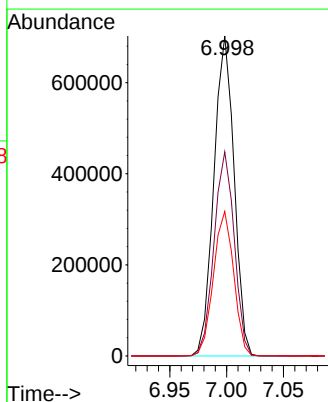
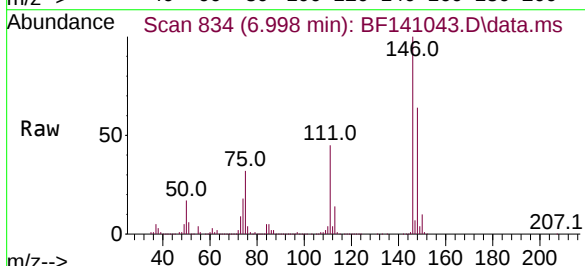
Tgt Ion:146 Resp: 869557

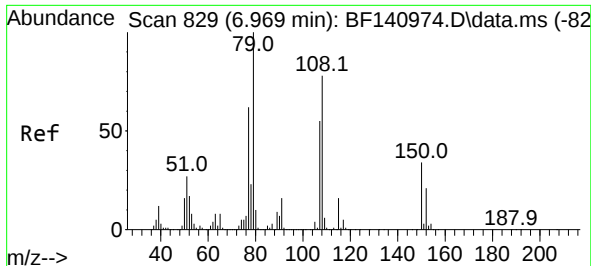
Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 45.1 37.3 55.9

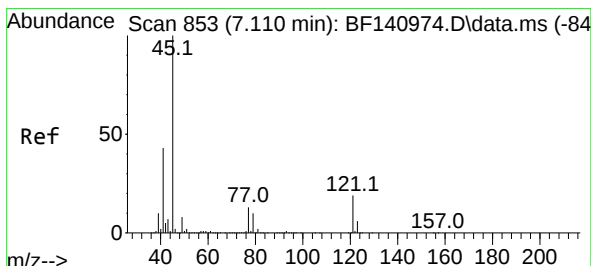
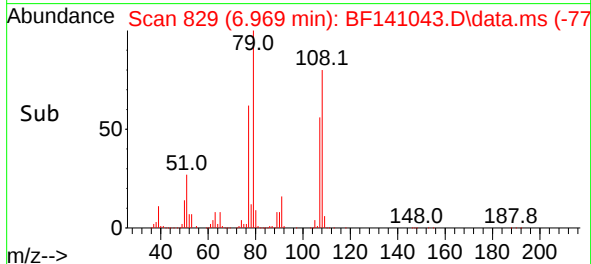
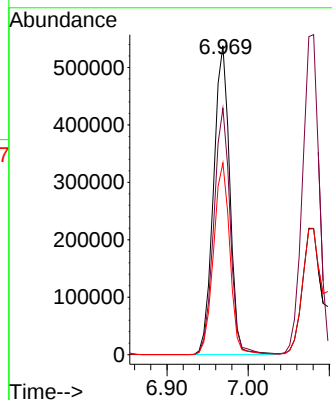
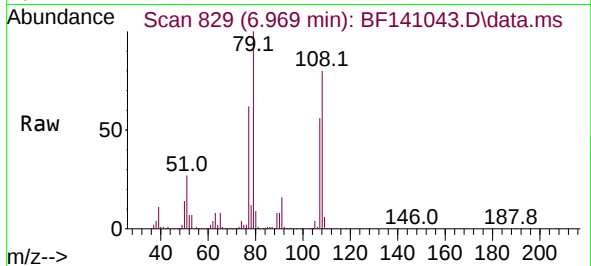




#15
Benzyl Alcohol
Concen: 48.329 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

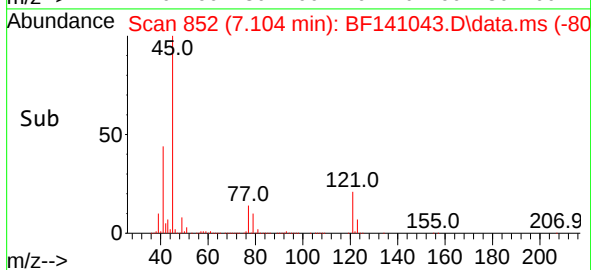
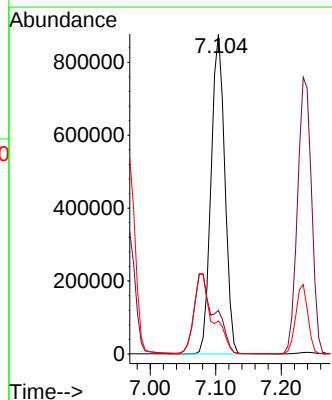
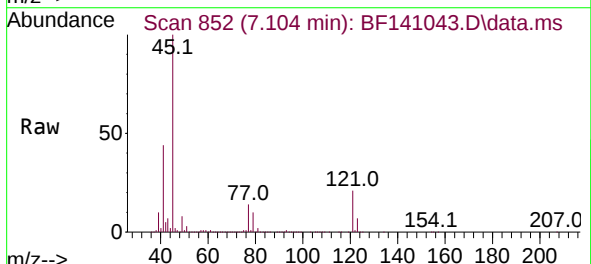
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion: 79 Resp: 747528
Ion Ratio Lower Upper
79 100
108 79.8 62.5 93.7
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.906 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 45 Resp: 1274777
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.1
79 10.3 0.0 30.1

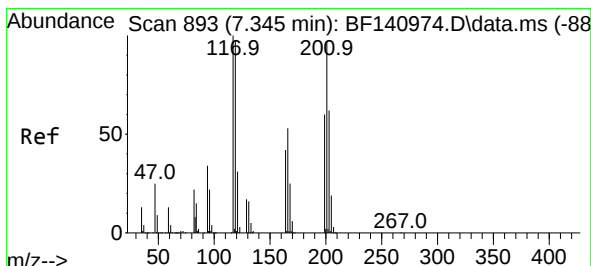
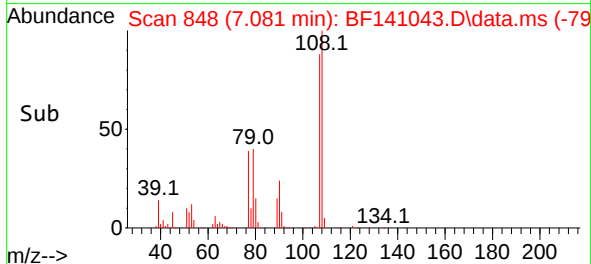
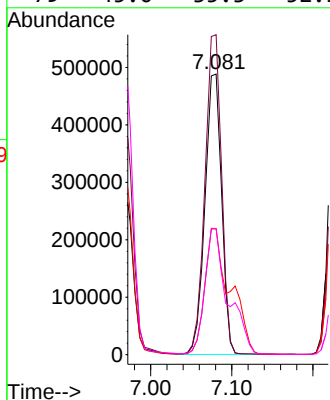
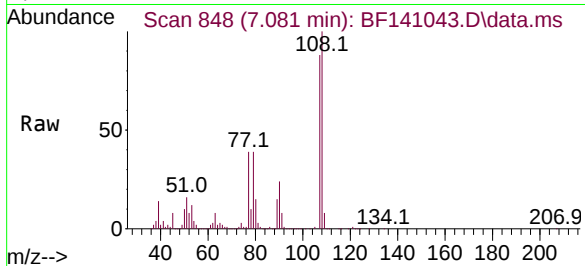




#17
2-Methylphenol
Concen: 47.399 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

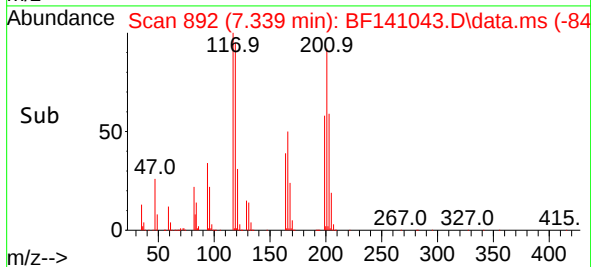
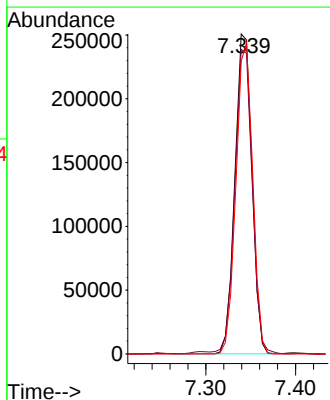
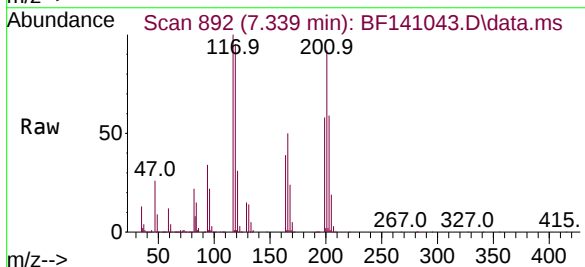
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

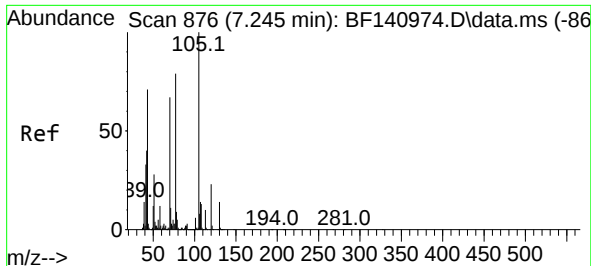
Tgt Ion:107 Resp: 693690
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 44.9 35.3 52.9
79 45.0 35.3 52.9



#18
Hexachloroethane
Concen: 47.477 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:117 Resp: 330542
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
201 91.5 77.4 116.2

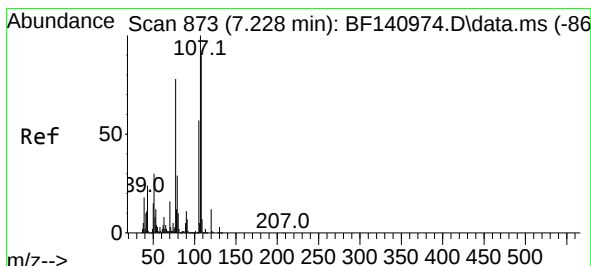
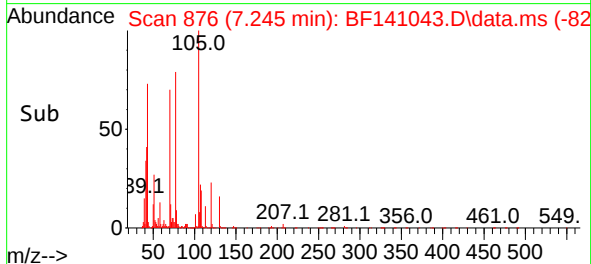
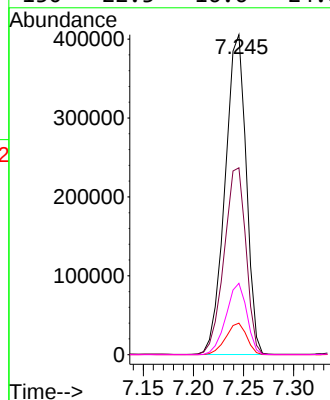
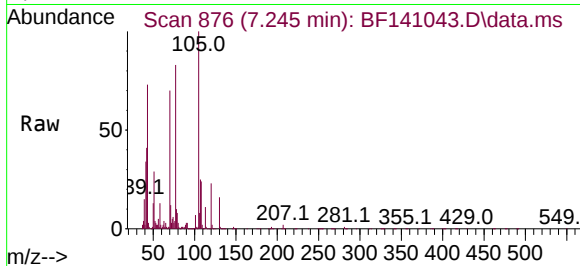




#19
n-Nitroso-di-n-propylamine
Concen: 45.173 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

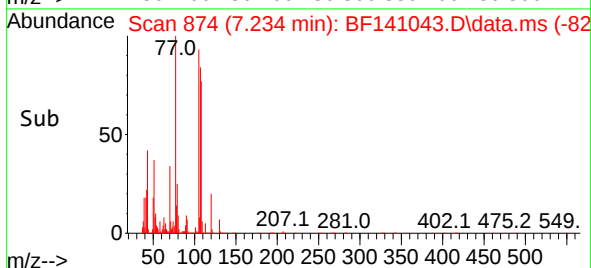
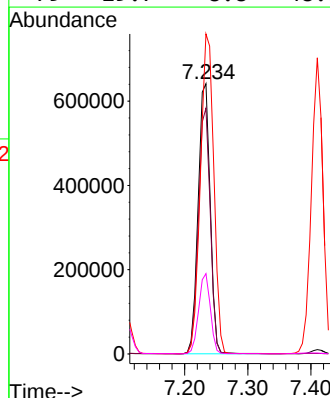
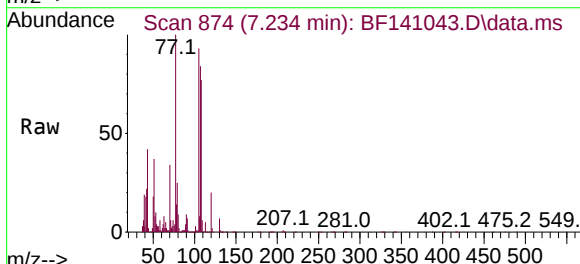
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

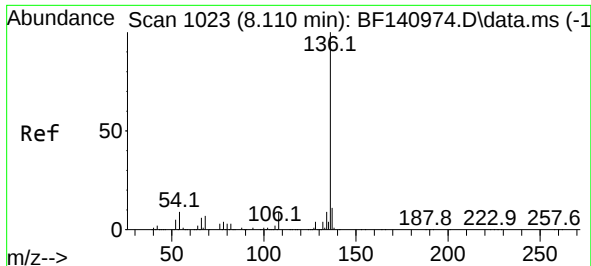
Tgt Ion: 70 Resp: 595672
Ion Ratio Lower Upper
70 100
42 58.4 48.1 72.1
101 9.9 7.6 11.4
130 22.3 16.6 24.8



#20
3+4-Methylphenols
Concen: 45.790 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 107 Resp: 848047
Ion Ratio Lower Upper
107 100
108 90.9 69.6 109.6
77 118.4 57.6 97.6#
79 29.7 8.8 48.8



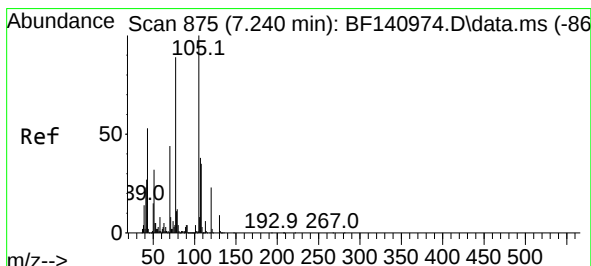
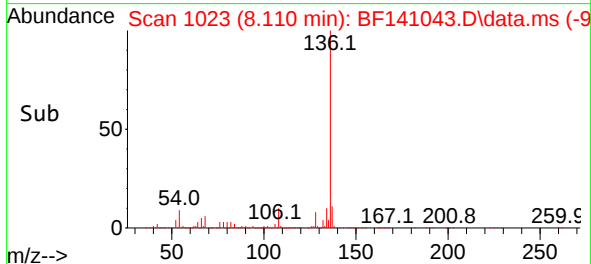
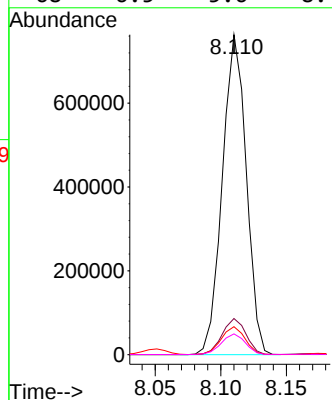
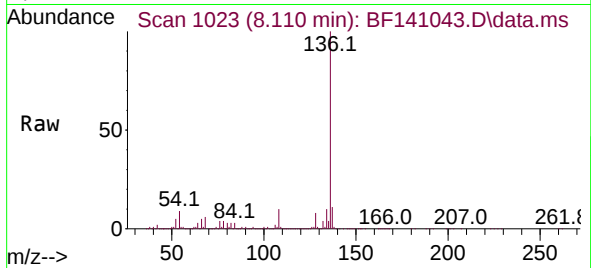


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion:136 Resp: 968357

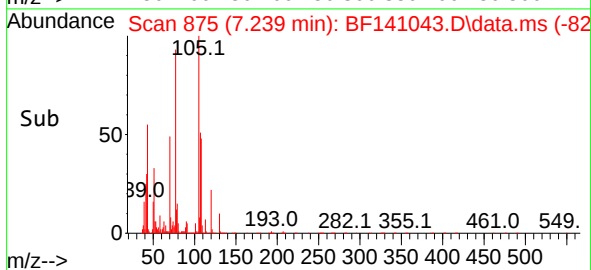
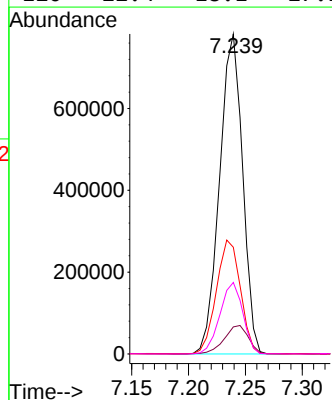
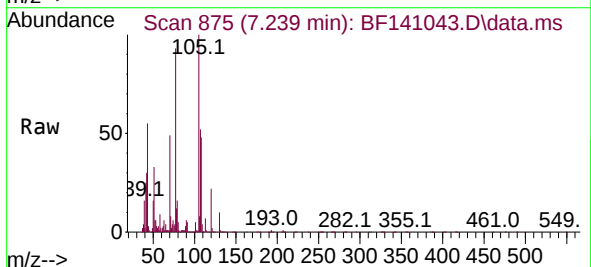
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	7.6	11.4
68	6.5	5.6	8.4

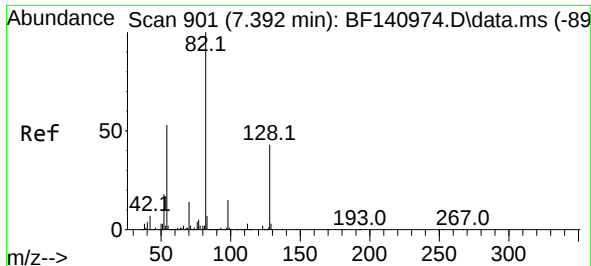


#22
Acetophenone
Concen: 46.484 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:105 Resp: 1104241

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.1	9.1
51	33.4	25.8	38.6
120	22.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 87.785 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

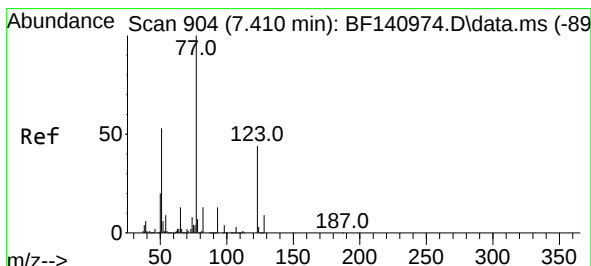
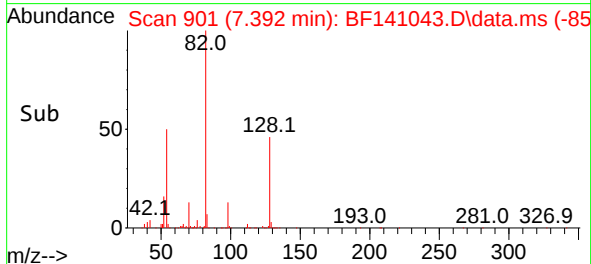
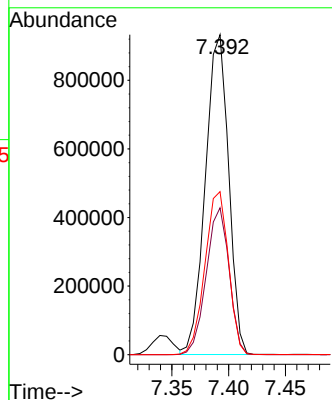
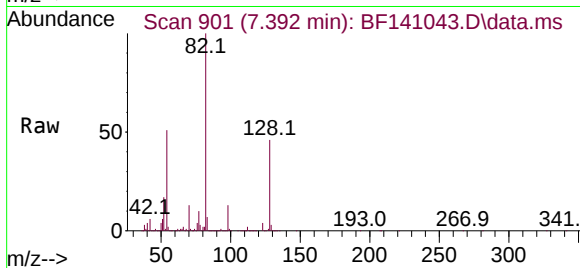
BNA_F

ClientSampleId :

NB-07-12272024MSD

Tgt Ion: 82 Resp: 1328696

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.4	51.6
54	50.9	42.4	63.6



#24

Nitrobenzene

Concen: 52.605 ng

RT: 7.410 min Scan# 904

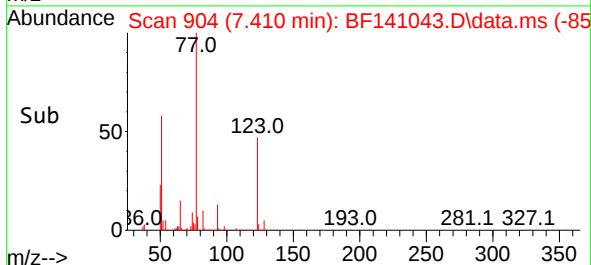
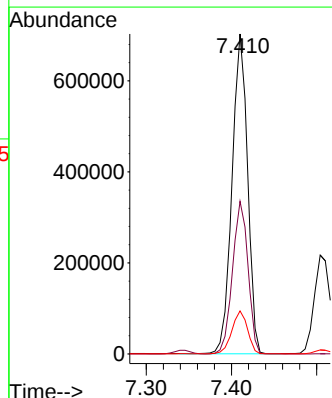
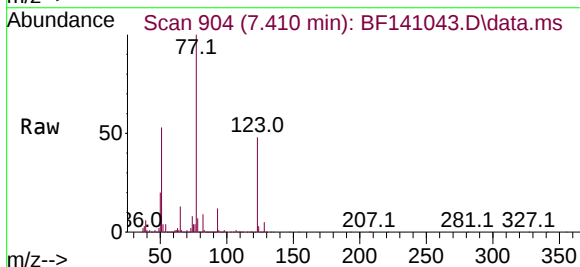
Delta R.T. -0.000 min

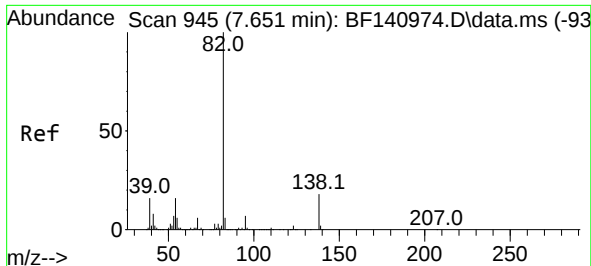
Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Tgt Ion: 77 Resp: 889686

Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.4	53.2
65	13.5	10.7	16.1

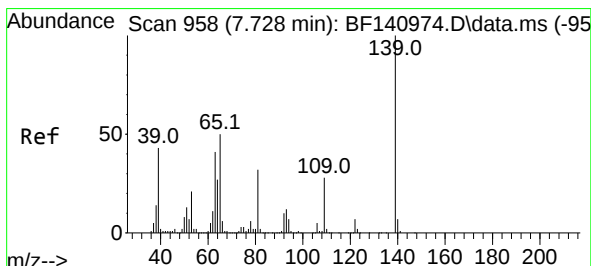
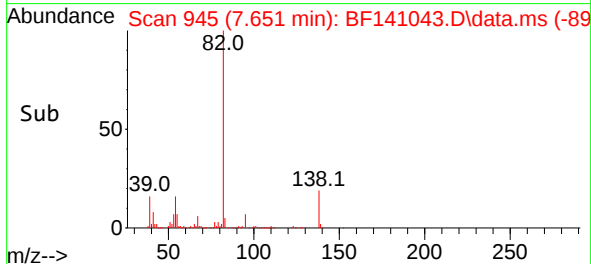
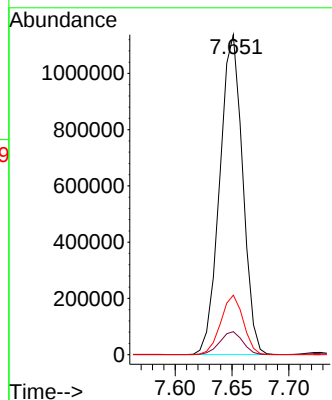
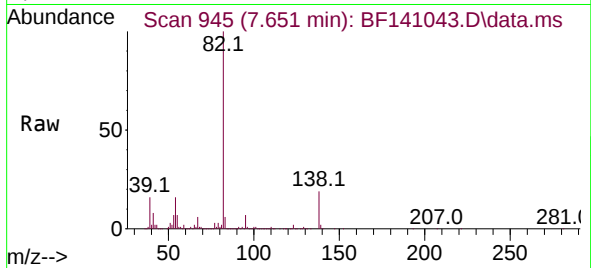




#25
Isophorone
Concen: 48.378 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

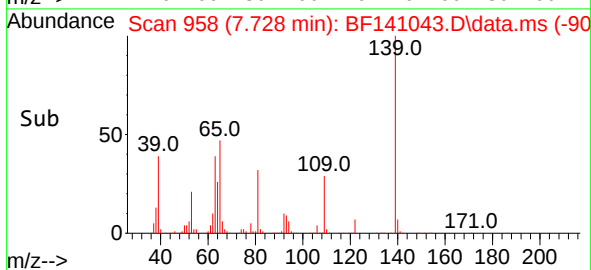
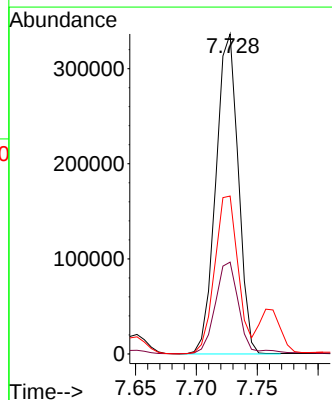
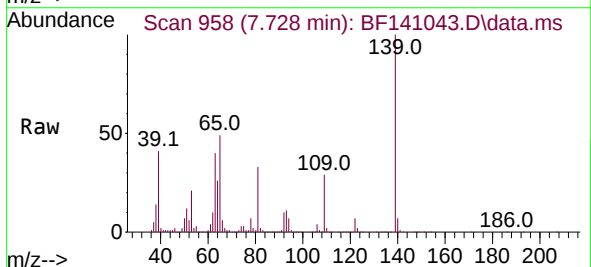
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

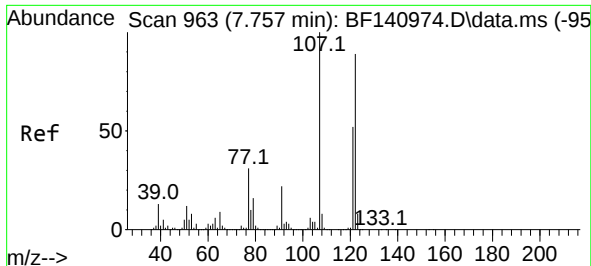
Tgt Ion: 82 Resp: 1593385
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 60.710 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:139 Resp: 431720
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 49.4 40.2 60.4

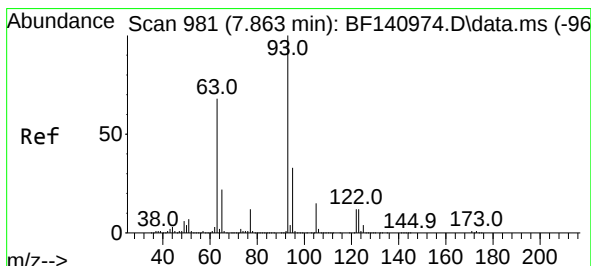
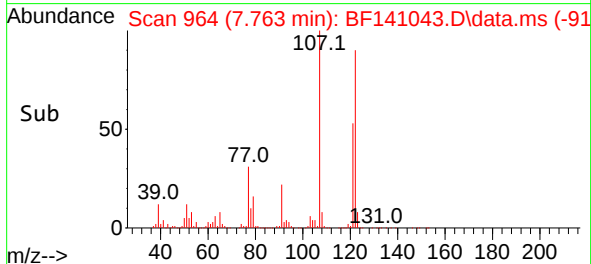
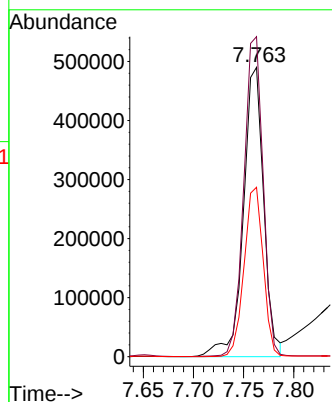
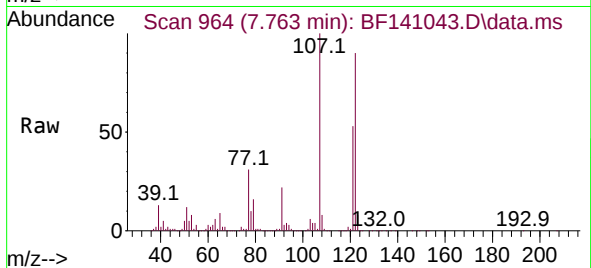




#27
2,4-Dimethylphenol
Concen: 57.589 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

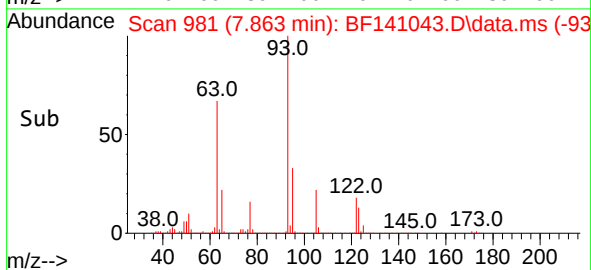
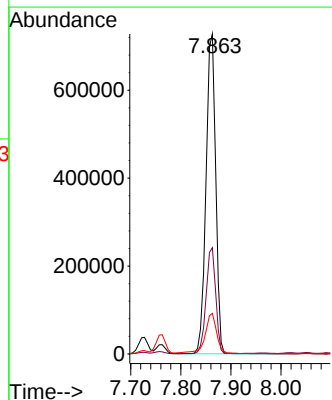
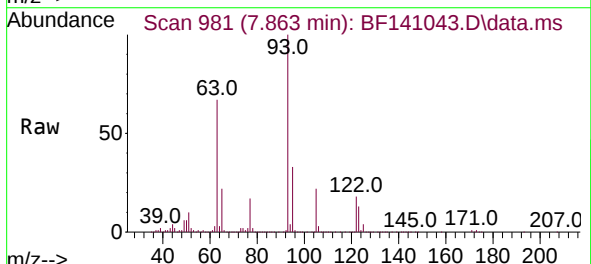
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion:122 Resp: 693208
Ion Ratio Lower Upper
122 100
107 110.6 89.4 134.2
121 58.5 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 46.916 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 93 Resp: 979033
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.4
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 49.859 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

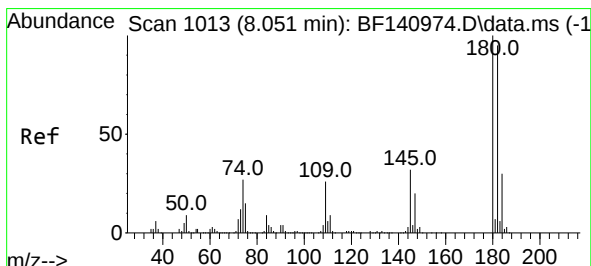
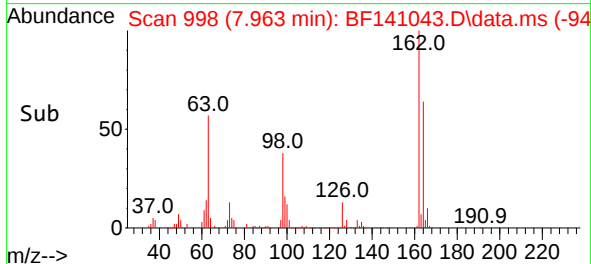
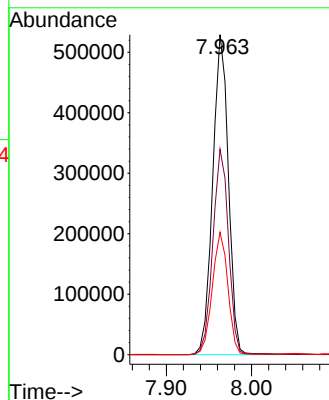
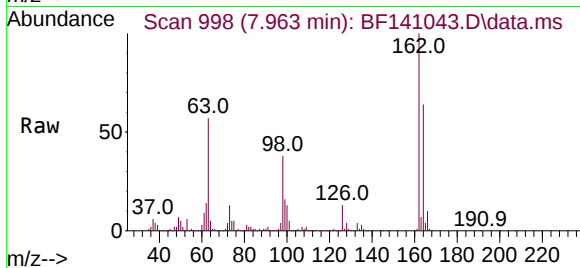
Tgt Ion:162 Resp: 680679

Ion Ratio Lower Upper

162 100

164 64.2 44.8 84.8

98 38.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.854 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

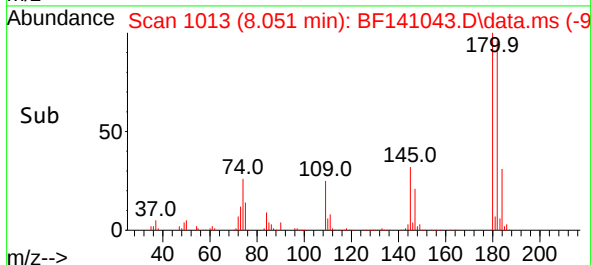
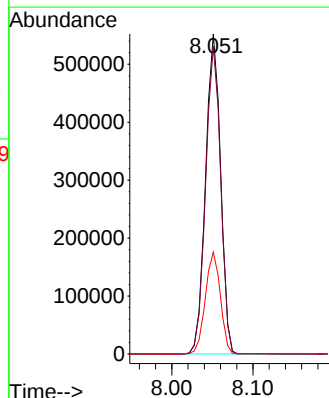
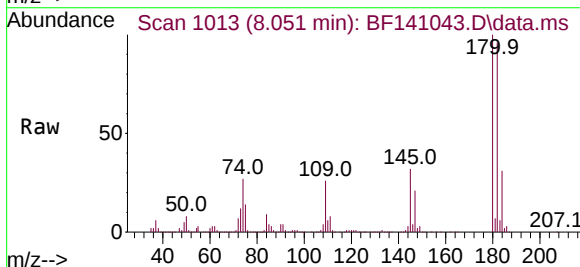
Tgt Ion:180 Resp: 708539

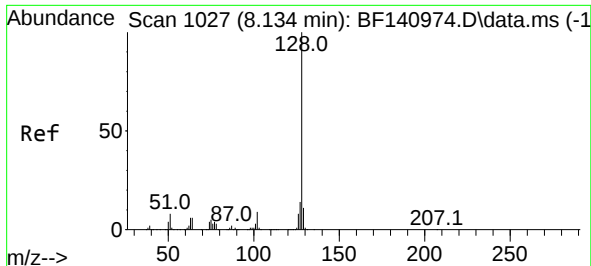
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.4

145 31.9 25.4 38.2

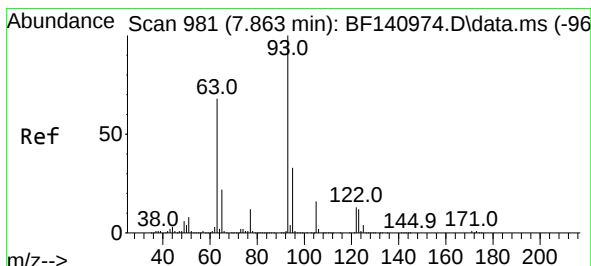
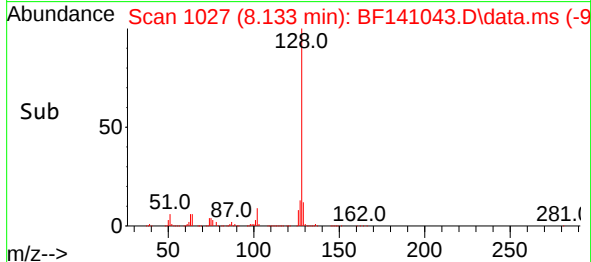
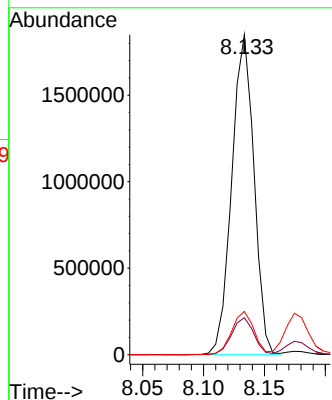
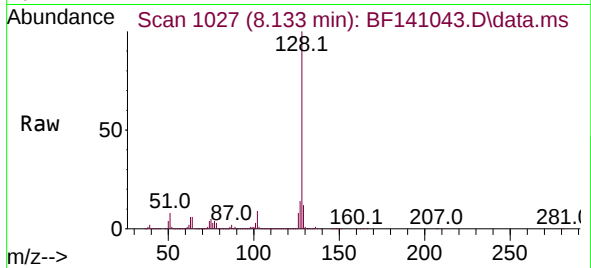




#31
Naphthalene
Concen: 45.884 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

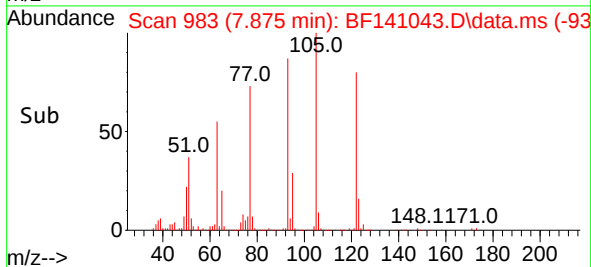
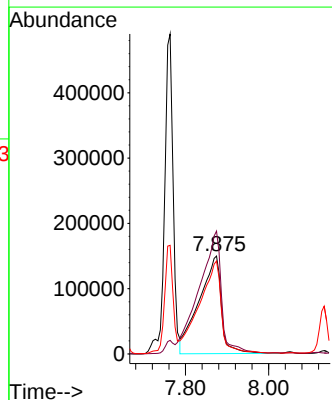
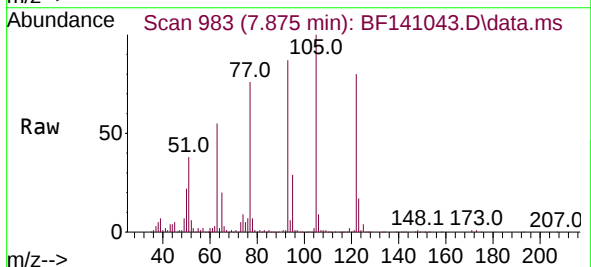
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

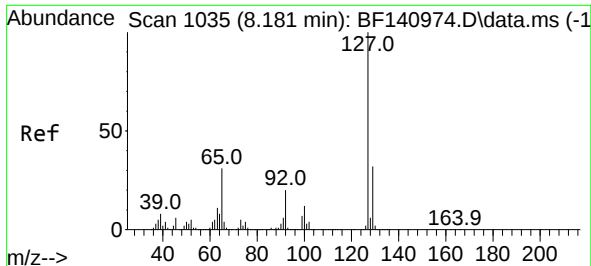
Tgt Ion:128 Resp: 2341324
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 55.046 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:122 Resp: 558603
Ion Ratio Lower Upper
122 100
105 125.4 105.4 145.4
77 94.8 76.4 116.4

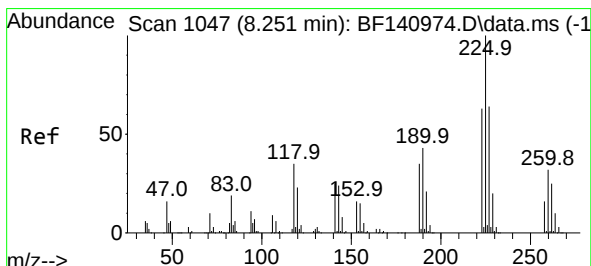
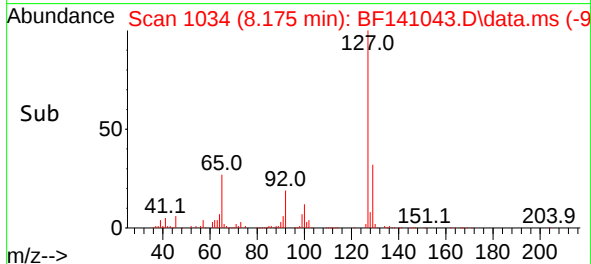
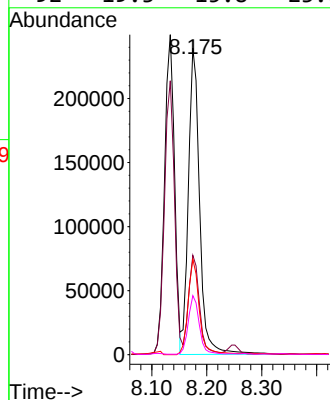
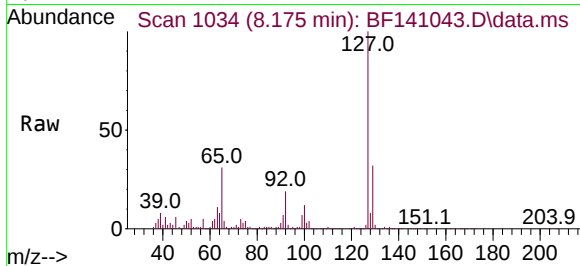




#33
4-Chloroaniline
Concen: 18.415 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

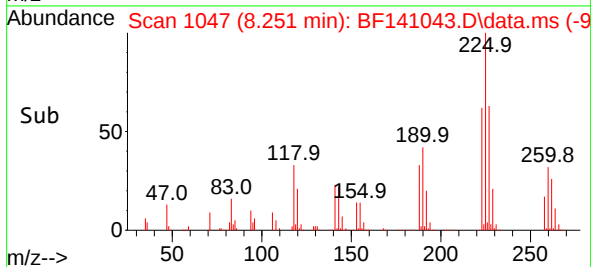
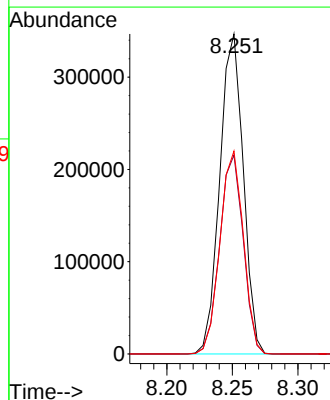
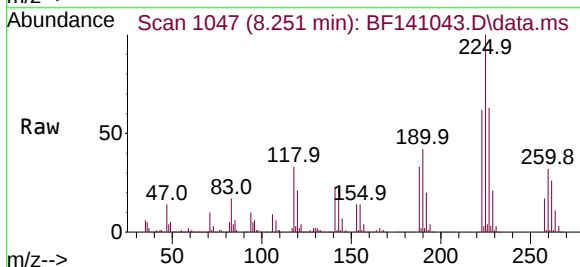
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

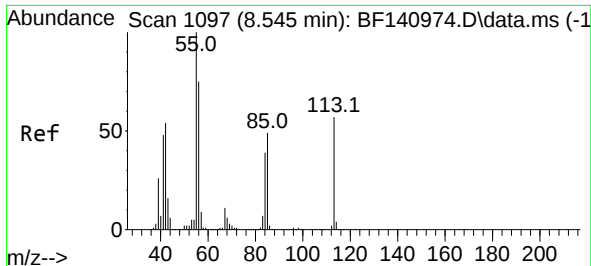
Tgt	Ion:127	Resp:	339933
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.1	24.6	37.0
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.411 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt	Ion:225	Resp:	431883
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.4	50.8	76.2

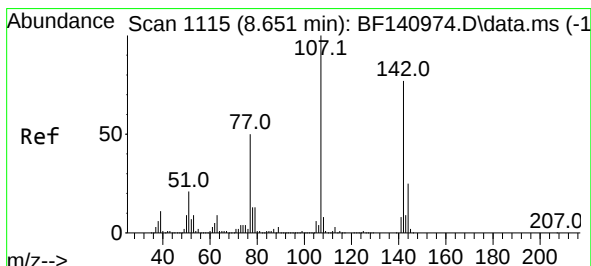
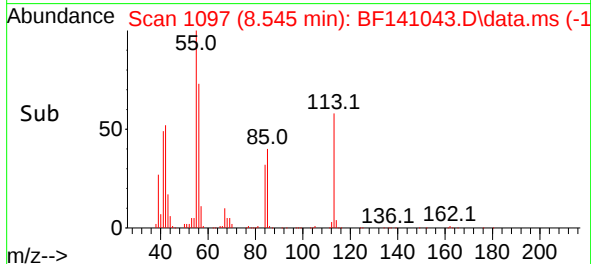
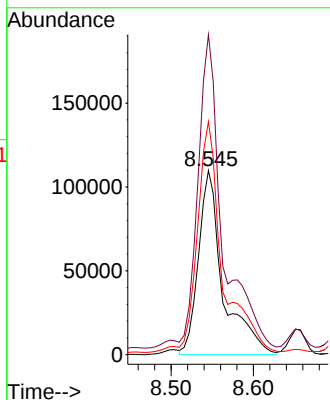
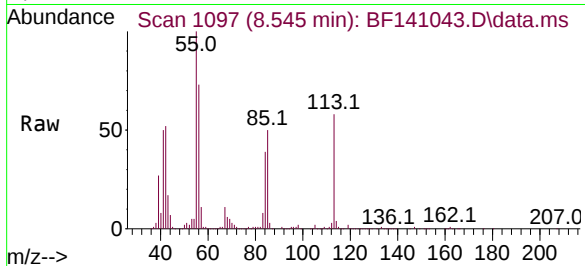




#35
Caprolactam
Concen: 49.092 ng m
RT: 8.545 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

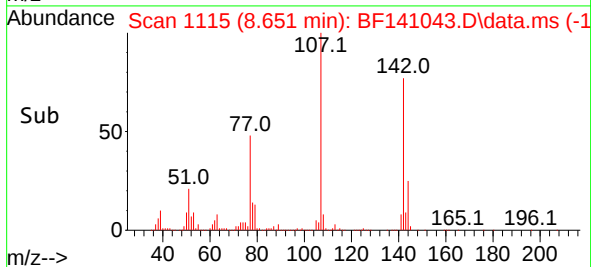
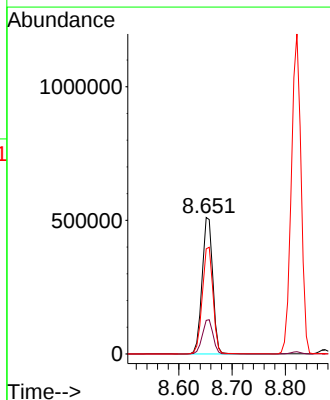
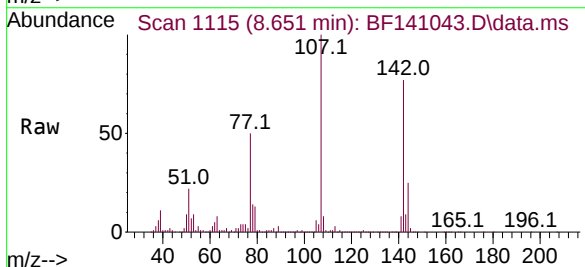
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

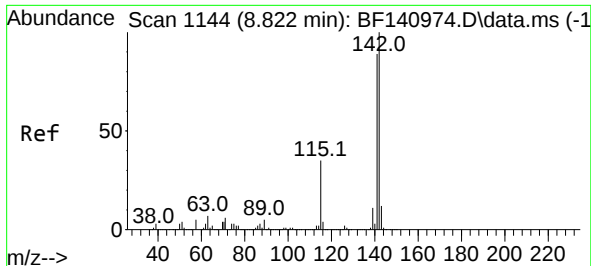
Tgt Ion:113 Resp: 227840
Ion Ratio Lower Upper
113 100
55 173.8 156.6 196.6
56 126.6 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 46.905 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:107 Resp: 711146
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 77.1 61.8 92.8





#37

2-Methylnaphthalene

Concen: 46.534 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

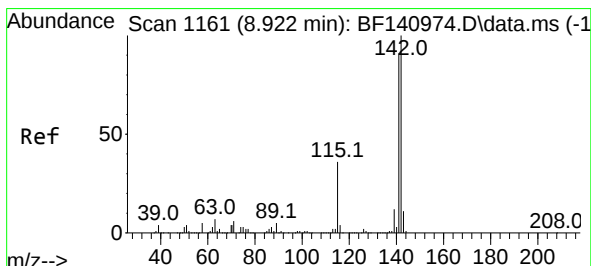
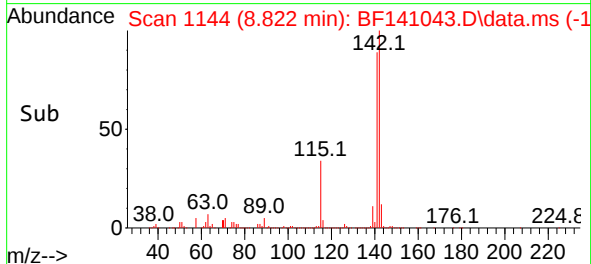
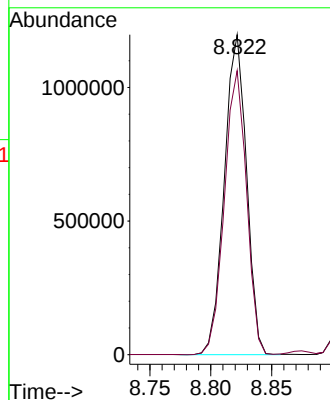
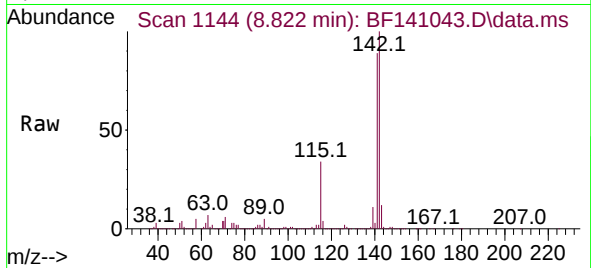
NB-07-12272024MSD

Tgt Ion:142 Resp: 1519026

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 44.030 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141043.D

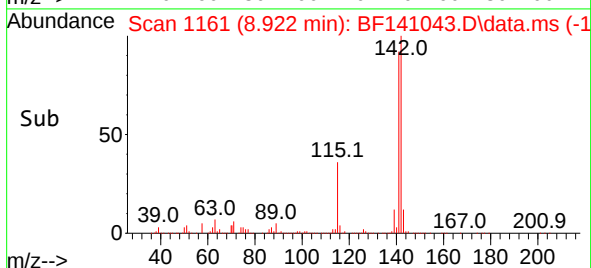
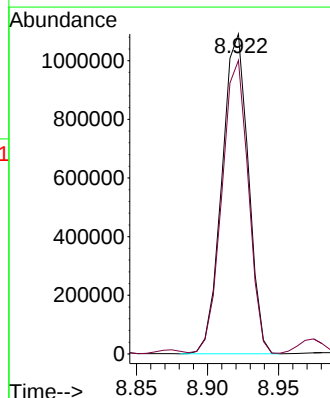
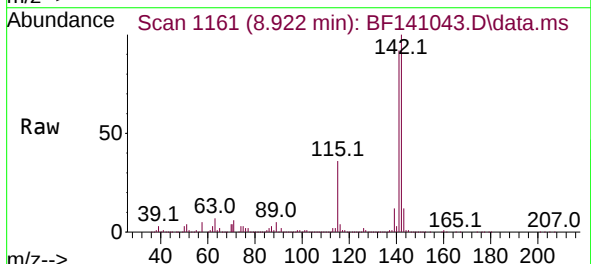
Acq: 30 Dec 2024 20:44

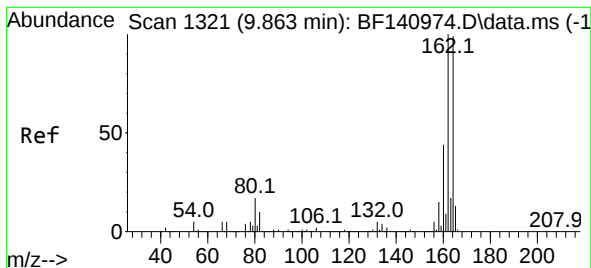
Tgt Ion:142 Resp: 1412535

Ion Ratio Lower Upper

142 100

141 91.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

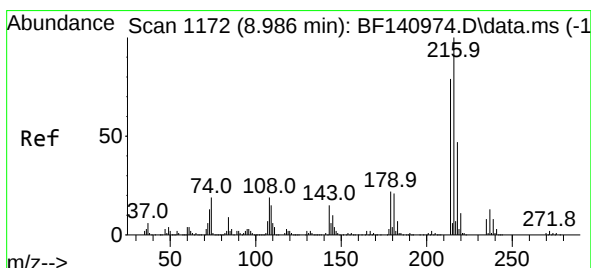
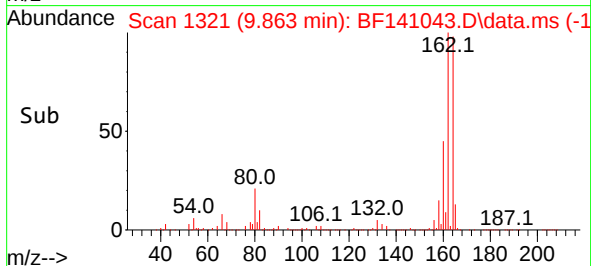
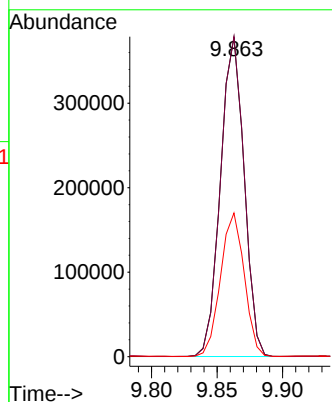
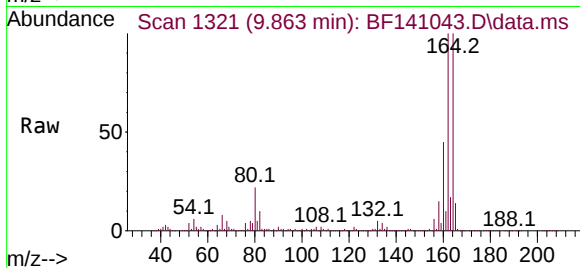
Tgt Ion:164 Resp: 473704

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.0 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.760 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Tgt Ion:216 Resp: 674544

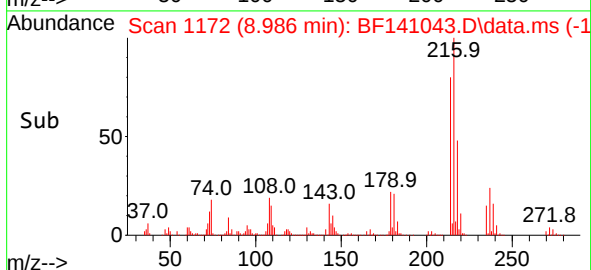
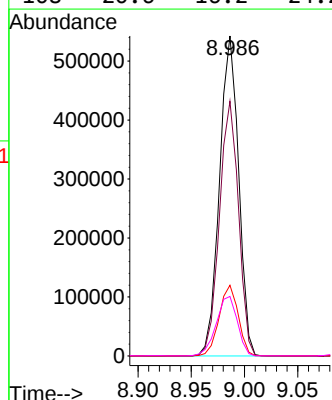
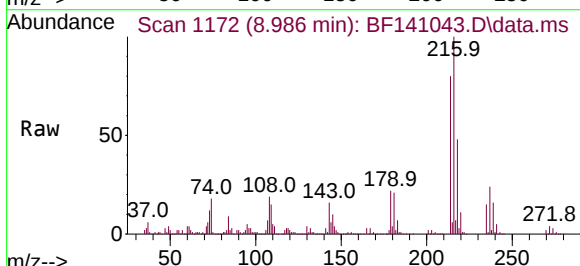
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 22.1 17.9 26.9

108 20.6 16.2 24.2

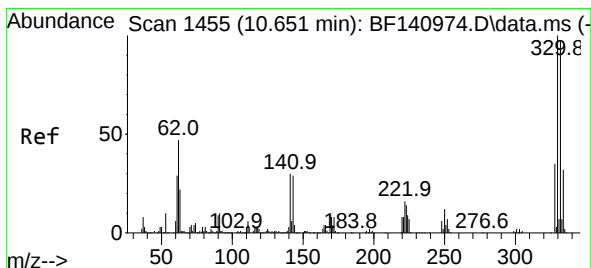
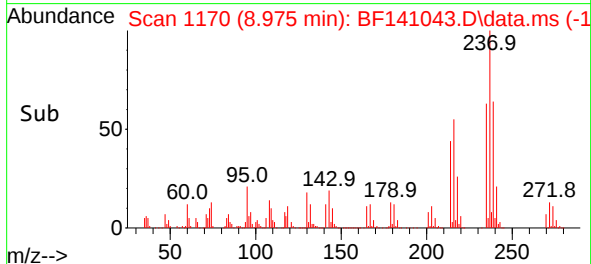
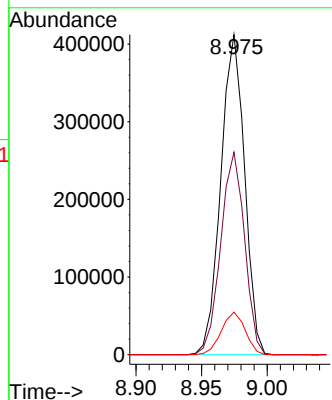
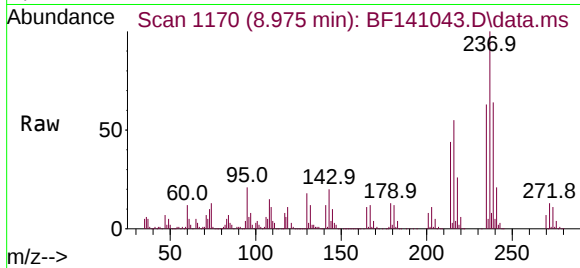




#41
Hexachlorocyclopentadiene
Concen: 120.165 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

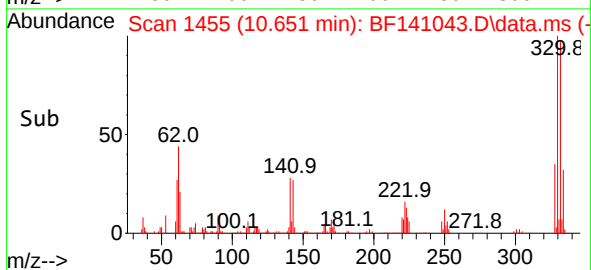
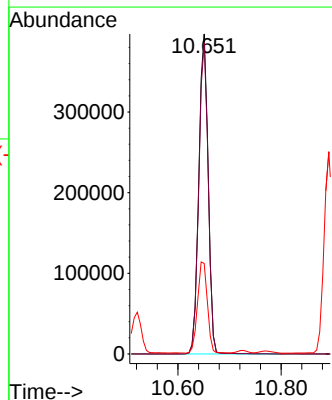
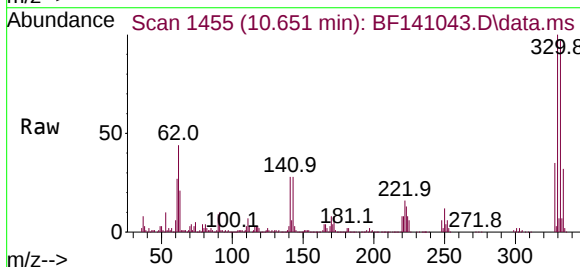
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

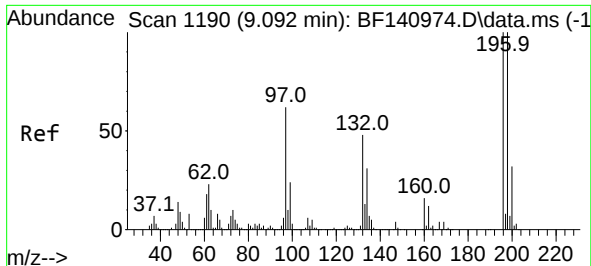
Tgt Ion:237 Resp: 518957
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 108.499 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:330 Resp: 499422
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 29.8 26.4 39.6

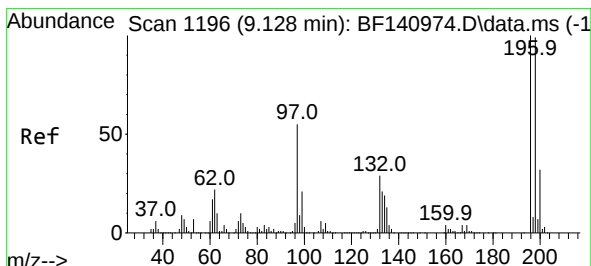
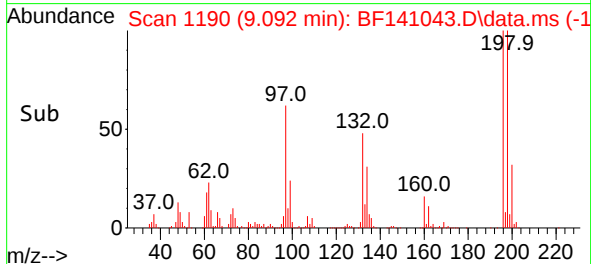
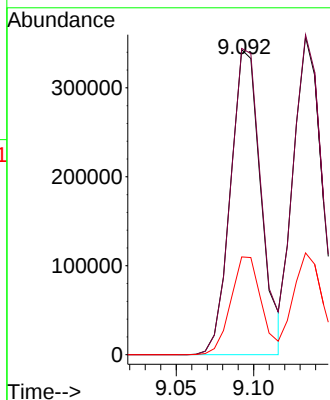
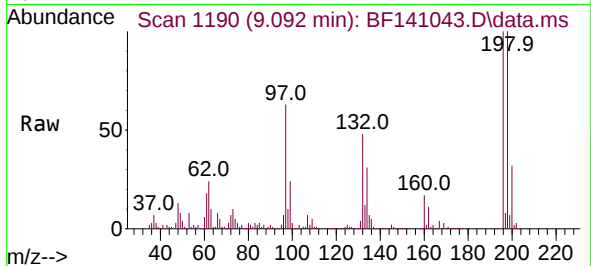




#43
2,4,6-Trichlorophenol
Concen: 54.004 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

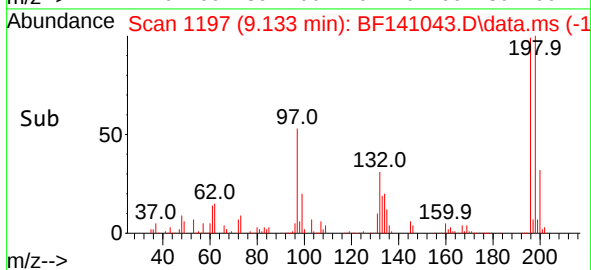
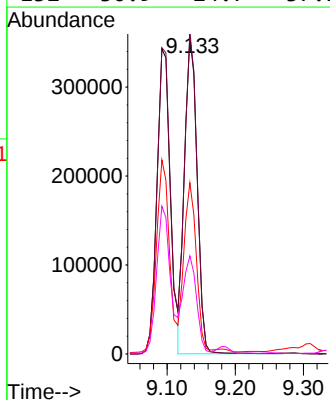
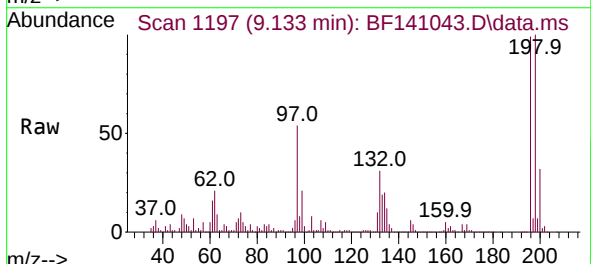
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

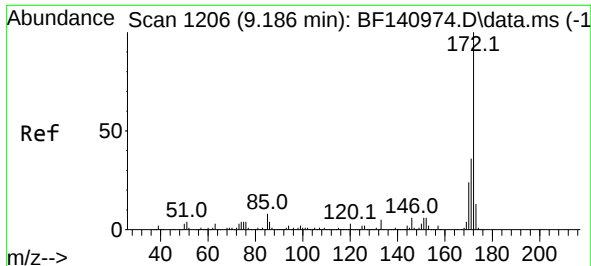
Tgt Ion:196 Resp: 468412
Ion Ratio Lower Upper
196 100
198 100.4 80.2 120.4
200 32.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 51.591 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:196 Resp: 457853
Ion Ratio Lower Upper
196 100
198 100.8 79.9 119.9
97 53.9 44.3 66.5
132 30.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 75.046 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

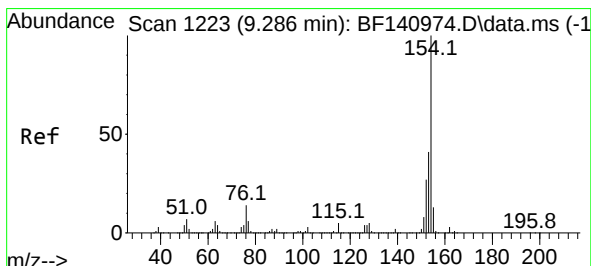
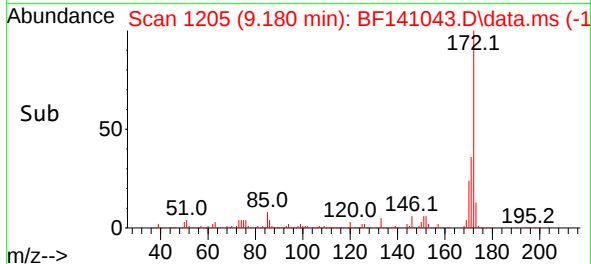
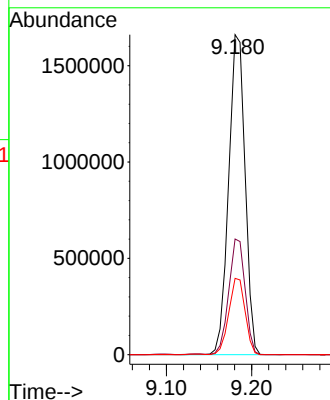
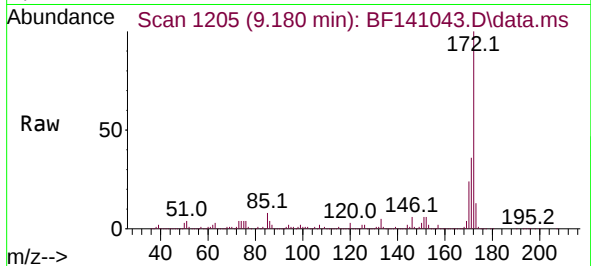
Tgt Ion:172 Resp: 2231287

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 23.9 19.6 29.4



#46

1,1'-Biphenyl

Concen: 49.982 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

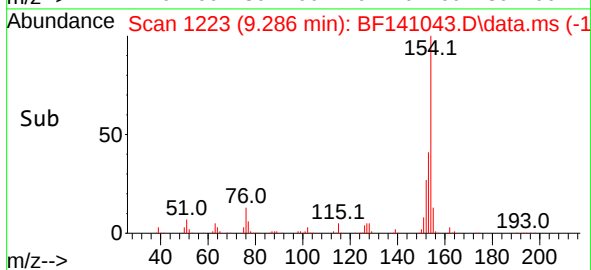
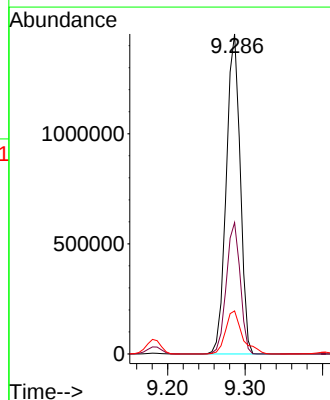
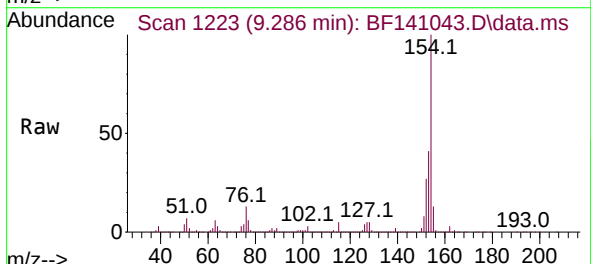
Tgt Ion:154 Resp: 1812901

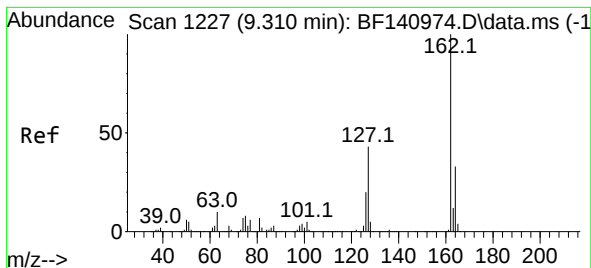
Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.325 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

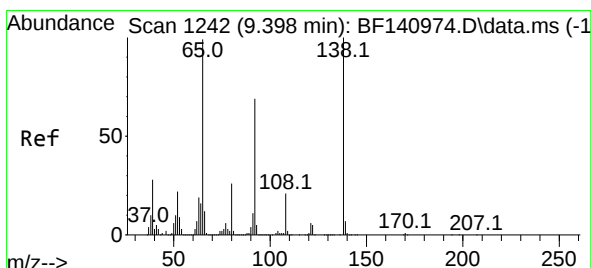
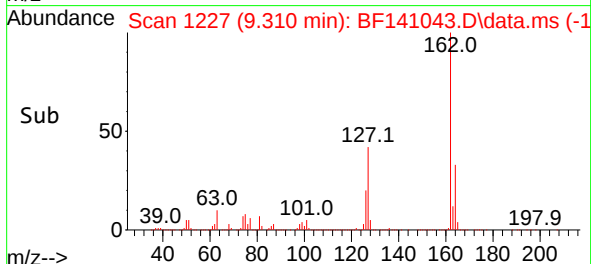
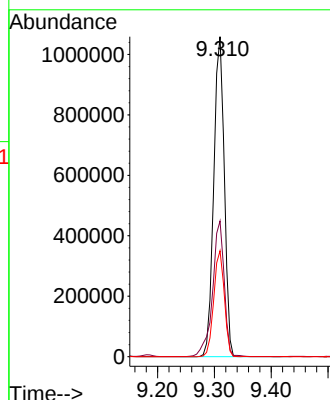
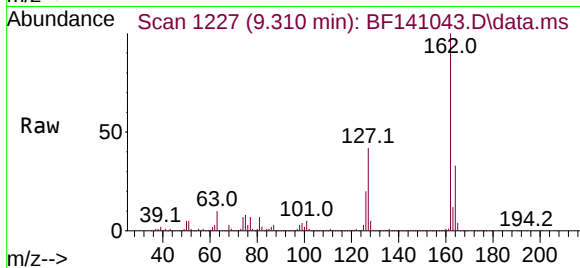
Tgt Ion:162 Resp: 1359433

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 56.524 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

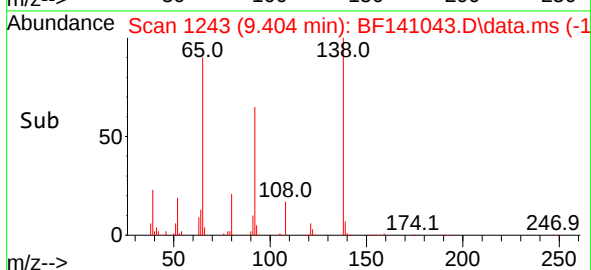
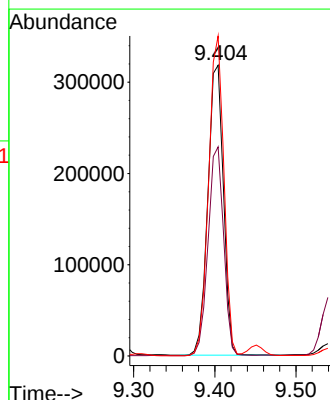
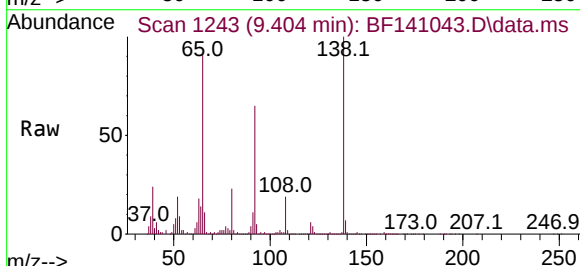
Tgt Ion: 65 Resp: 422695

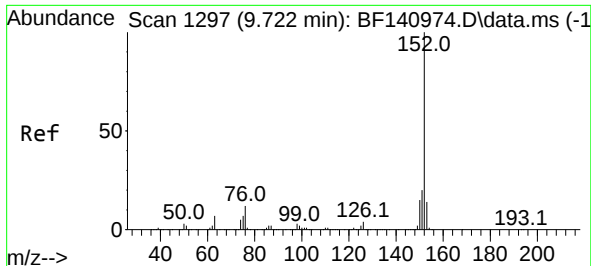
Ion Ratio Lower Upper

65 100

92 72.0 55.6 83.4

138 110.1 80.5 120.7





#49

Acenaphthylene

Concen: 50.733 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

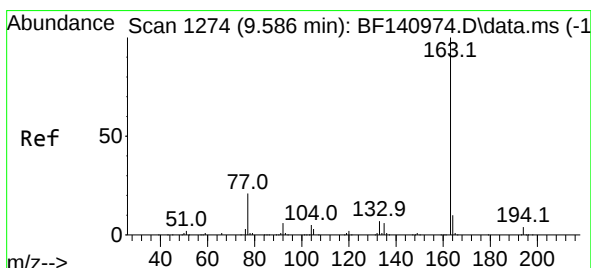
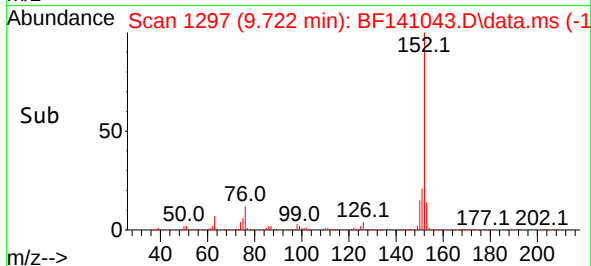
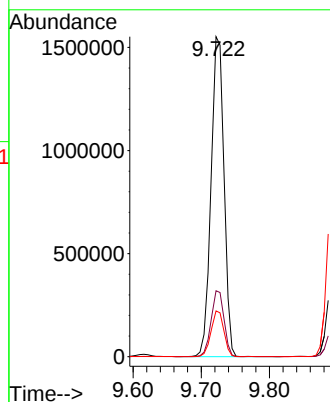
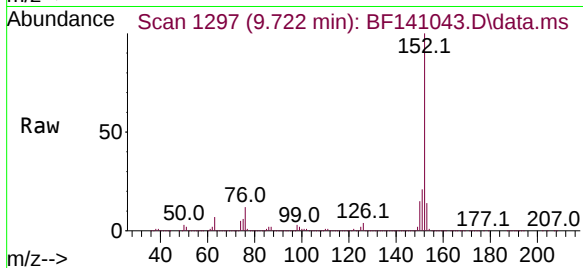
Tgt Ion:152 Resp: 2054474

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 51.164 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

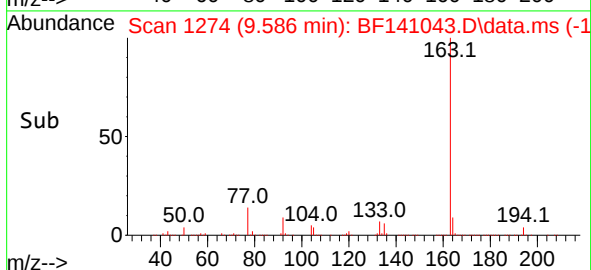
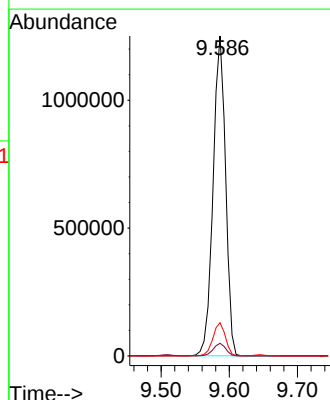
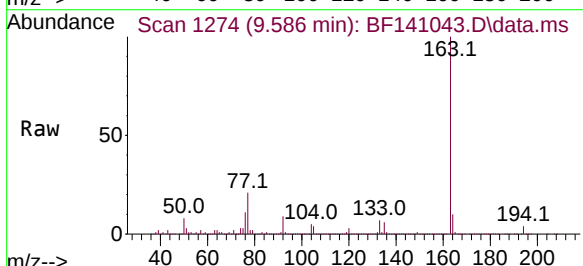
Tgt Ion:163 Resp: 1594214

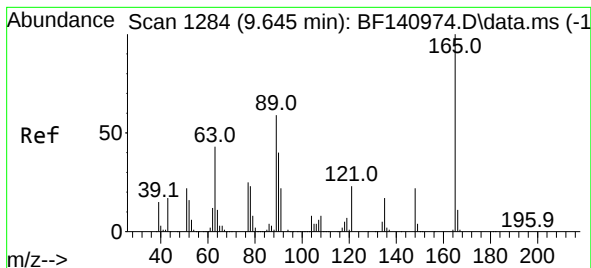
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 54.761 ng

RT: 9.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

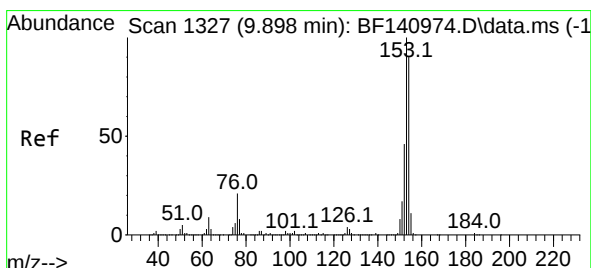
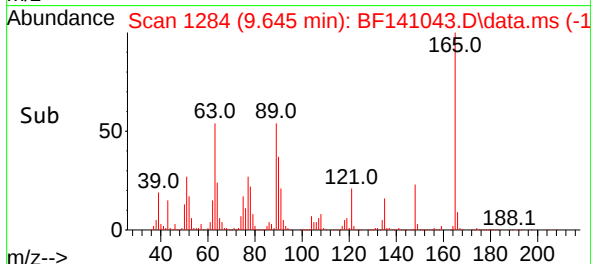
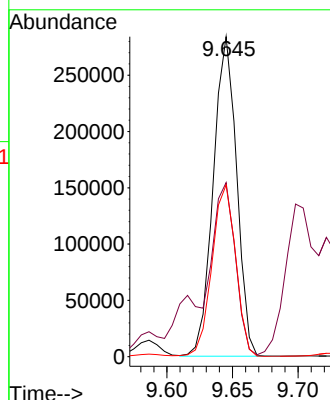
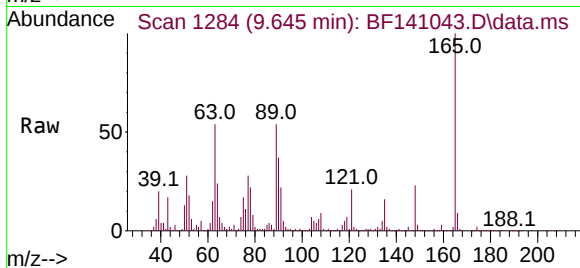
Tgt Ion:165 Resp: 351508

Ion Ratio Lower Upper

165 100

63 54.4 47.1 70.7

89 53.7 47.0 70.4



#52

Acenaphthene

Concen: 54.157 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

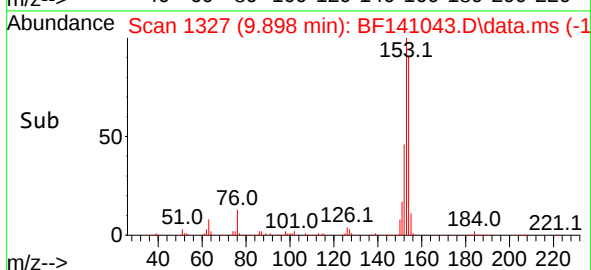
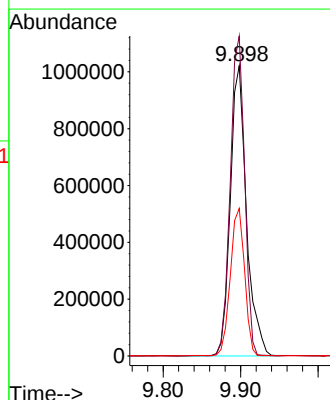
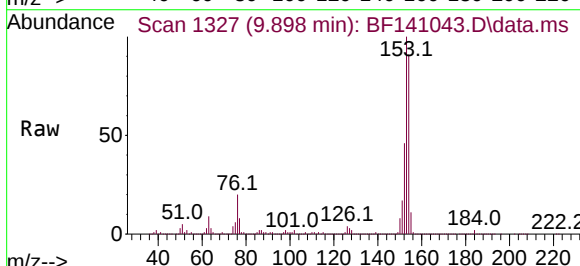
Tgt Ion:154 Resp: 1482662

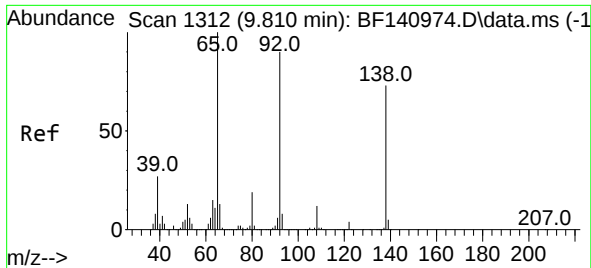
Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

152 50.8 40.9 61.3

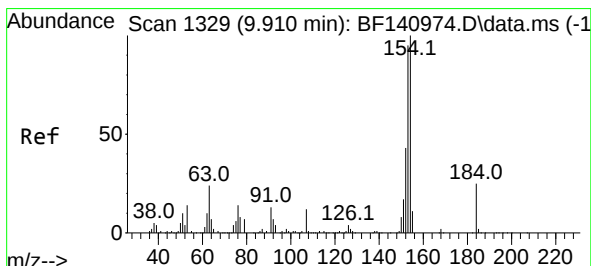
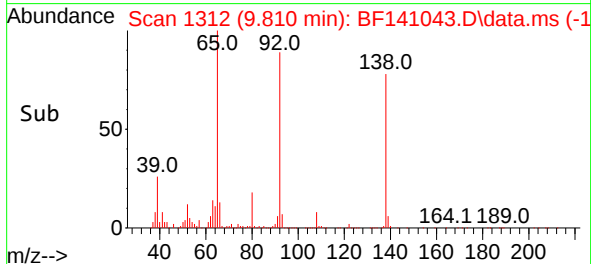
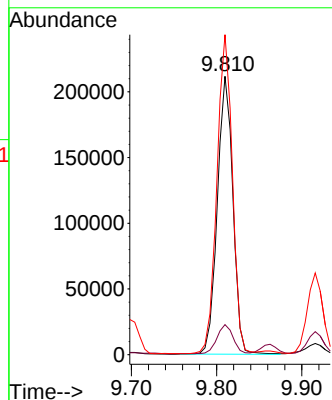
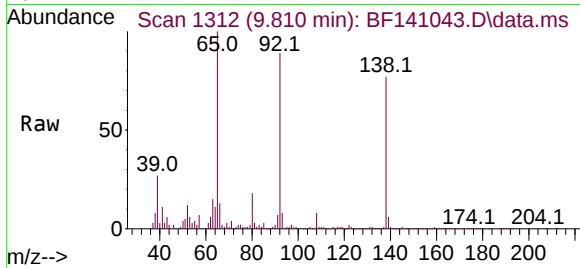




#53
3-Nitroaniline
Concen: 39.533 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

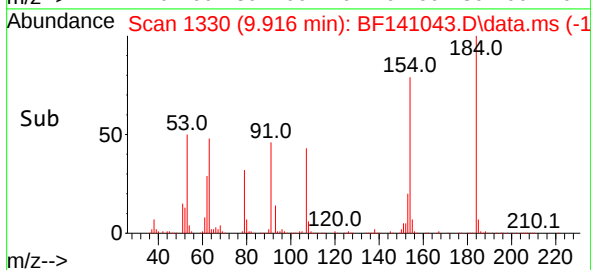
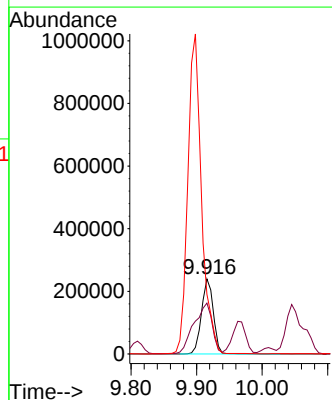
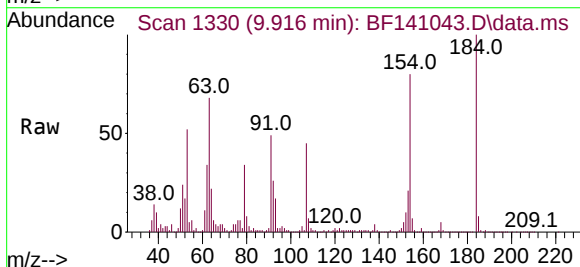
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

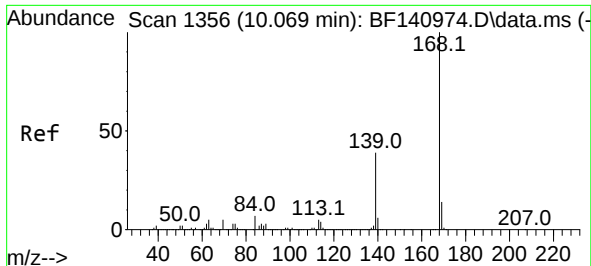
Tgt Ion:138 Resp: 268920
Ion Ratio Lower Upper
138 100
108 10.8 13.5 20.3#
92 115.0 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 104.324 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:184 Resp: 301294
Ion Ratio Lower Upper
184 100
63 67.9 81.6 122.4#
154 79.7 363.5 545.3#

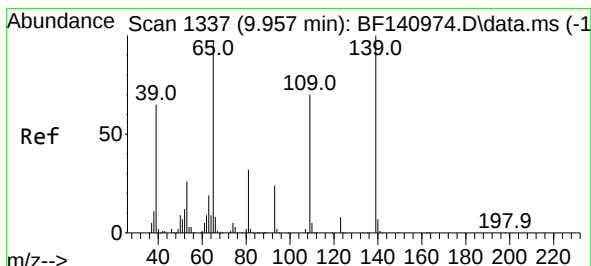
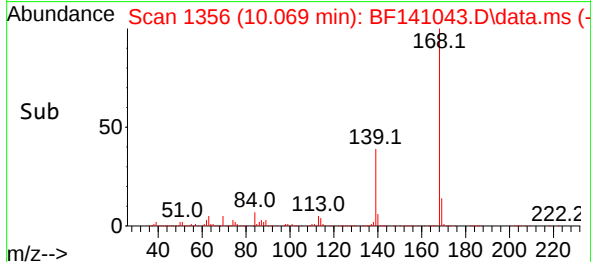
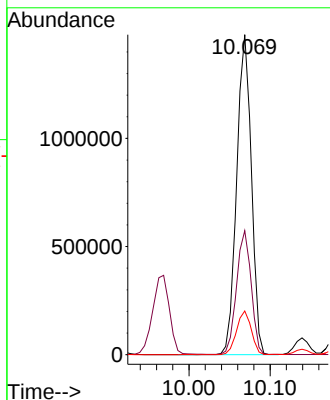
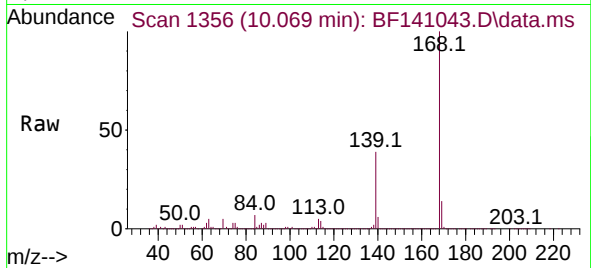




#55
Dibenzenofuran
Concen: 48.076 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

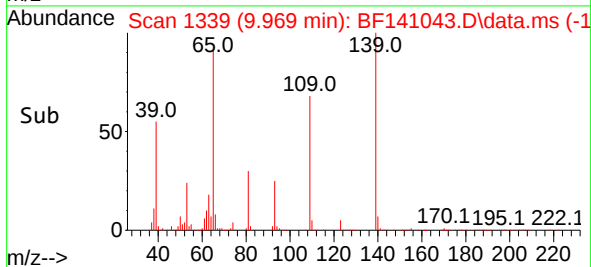
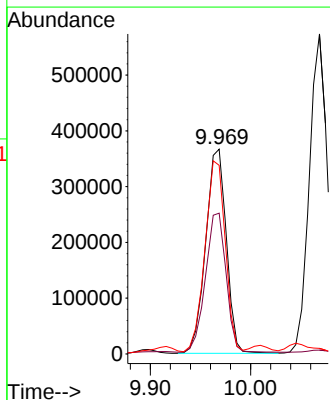
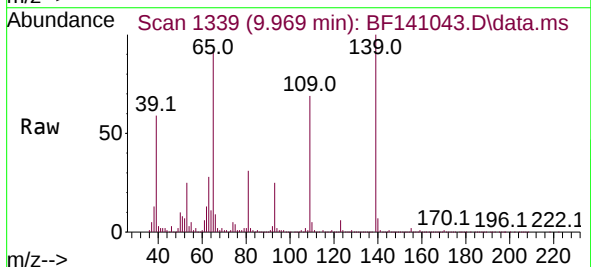
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

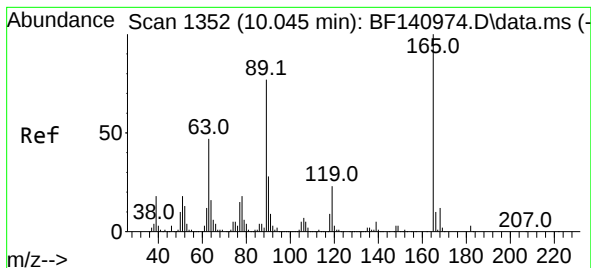
Tgt Ion:168 Resp: 1849682
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 98.382 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:139 Resp: 524371
Ion Ratio Lower Upper
139 100
109 68.7 50.8 90.8
65 92.2 78.5 118.5

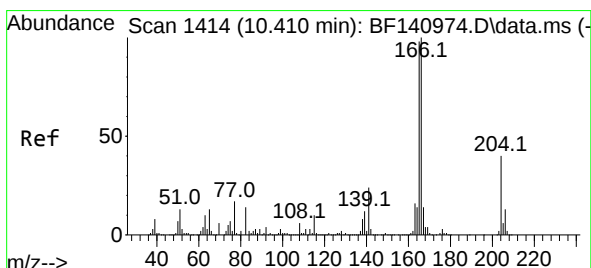
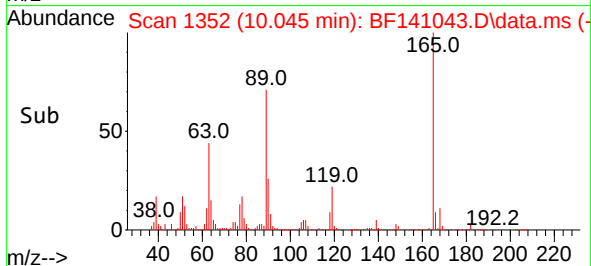
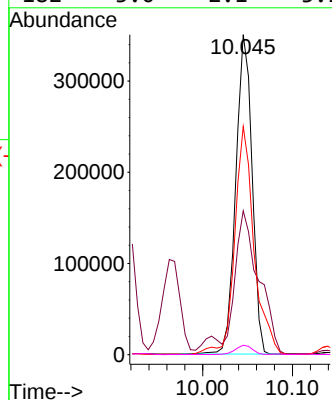
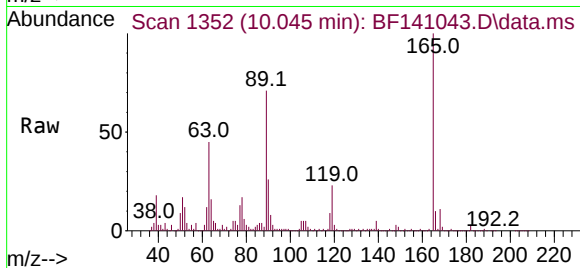




#57
2,4-Dinitrotoluene
Concen: 55.984 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

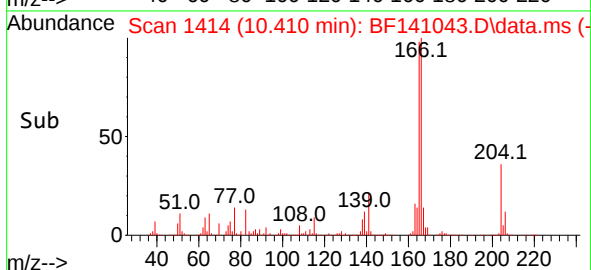
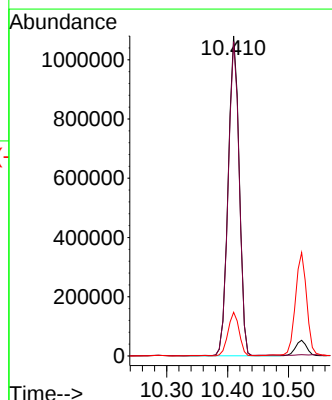
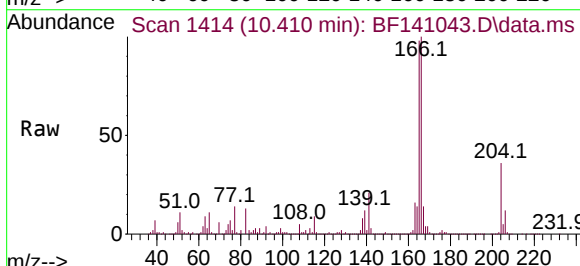
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

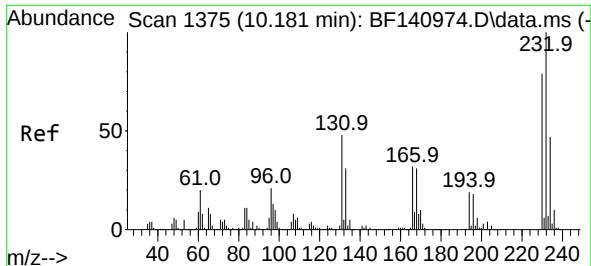
Tgt Ion:165 Resp: 441740
Ion Ratio Lower Upper
165 100
63 45.0 38.1 57.1
89 71.3 61.4 92.2
182 3.0 2.1 3.1



#58
Fluorene
Concen: 45.750 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:166 Resp: 1364952
Ion Ratio Lower Upper
166 100
165 98.2 78.3 117.5
167 13.6 10.9 16.3



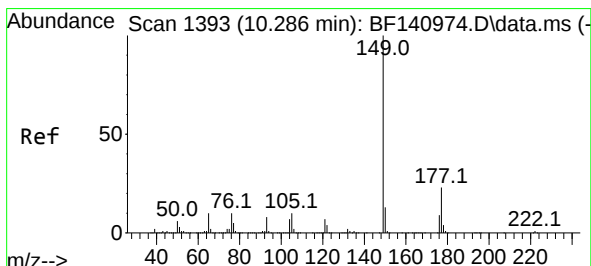
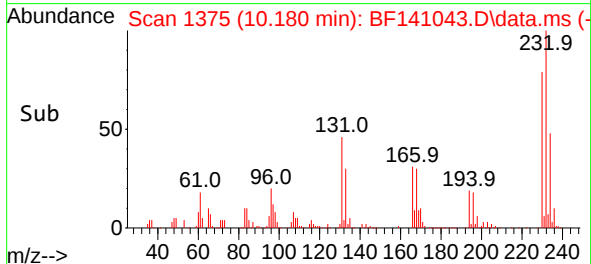
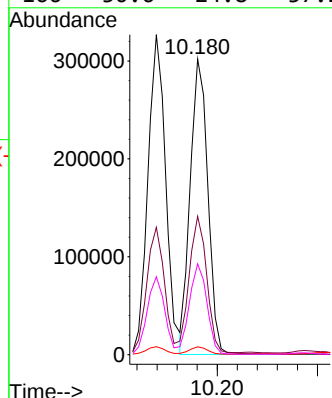
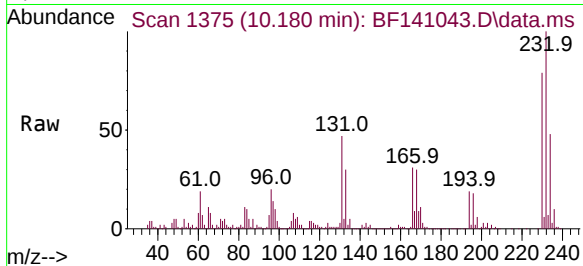


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.119 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion:232 Resp: 368380

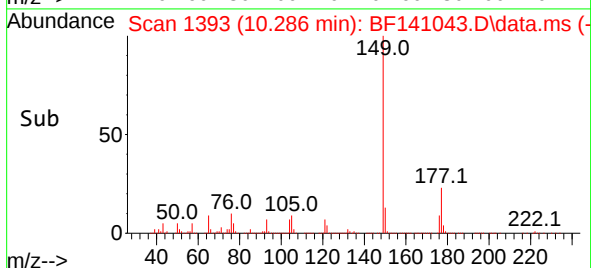
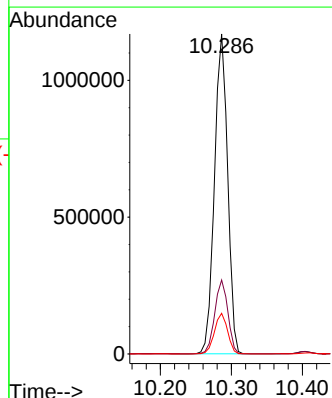
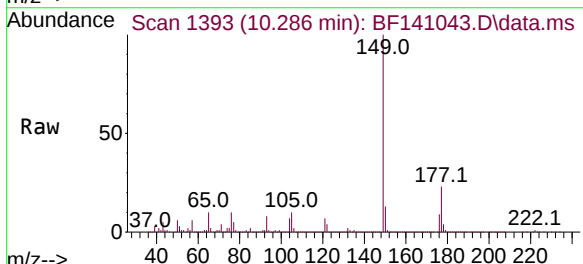
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.4	56.2
130	2.5	1.8	2.8
166	30.6	24.8	37.2

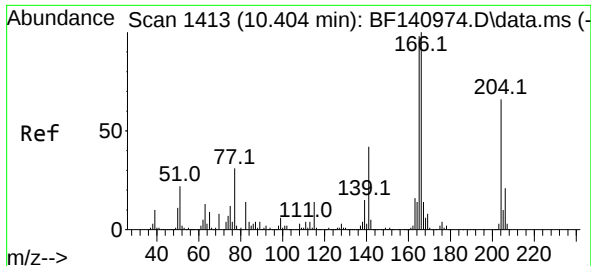


#60
Diethylphthalate
Concen: 48.766 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:149 Resp: 1500089

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.7	10.4	15.6

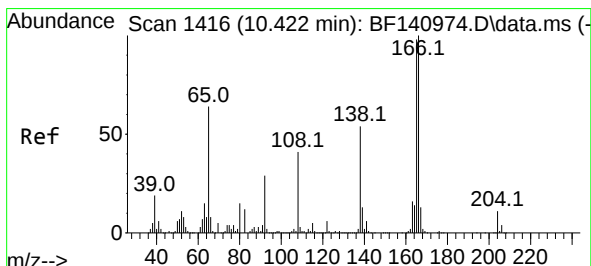
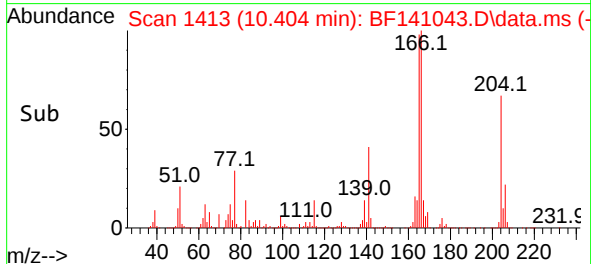
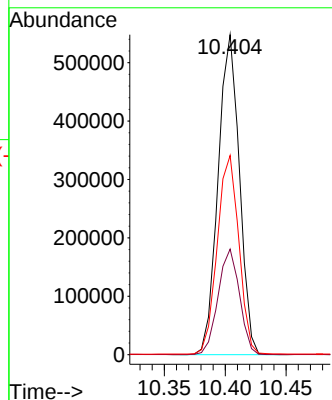
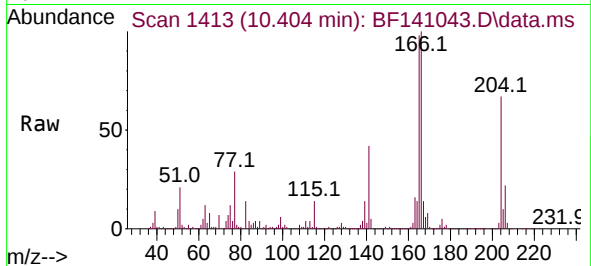




#61
4-Chlorophenyl-phenylether
Concen: 46.526 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

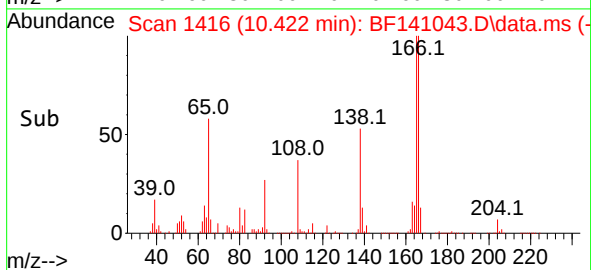
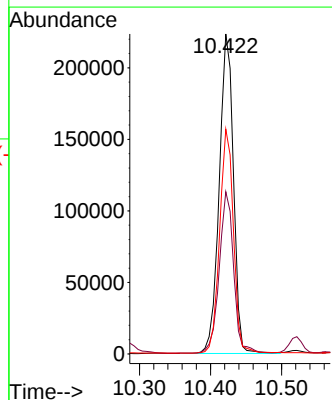
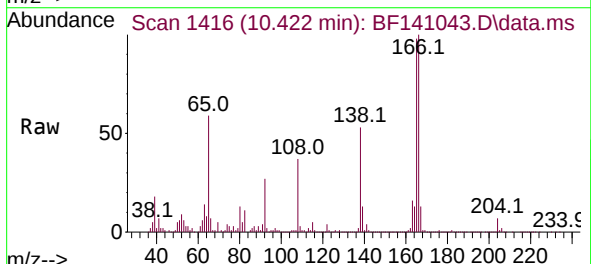
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

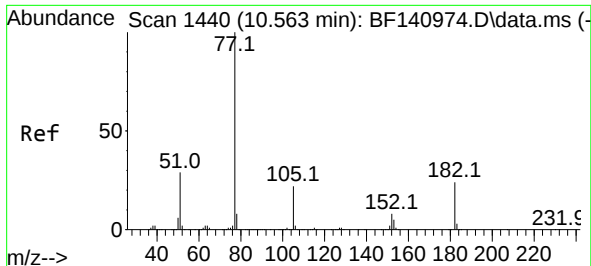
Tgt Ion:204 Resp: 667924
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.3 51.2 76.8



#62
4-Nitroaniline
Concen: 44.981 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:138 Resp: 308973
Ion Ratio Lower Upper
138 100
92 50.7 34.8 74.8
108 70.3 55.9 95.9



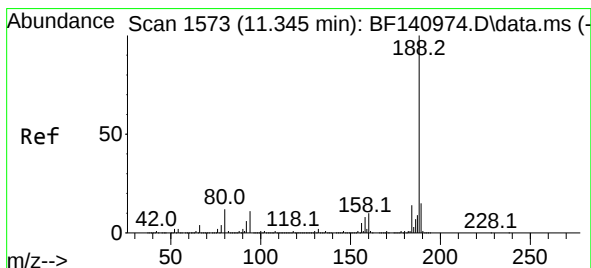
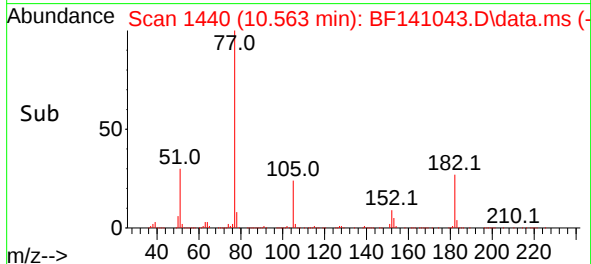
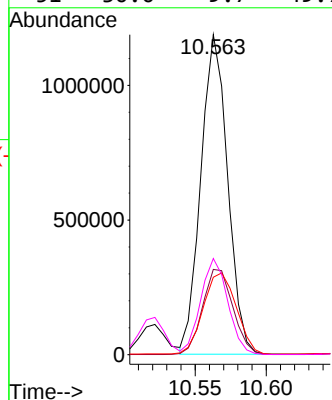
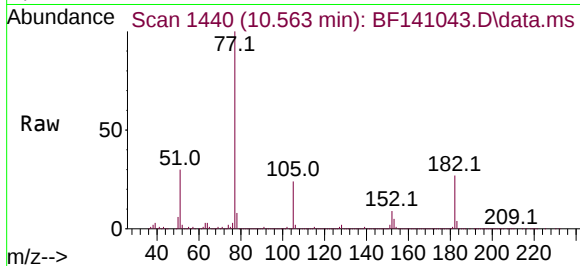


#63
Azobenzene
Concen: 48.263 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion: 77 Resp: 1558274

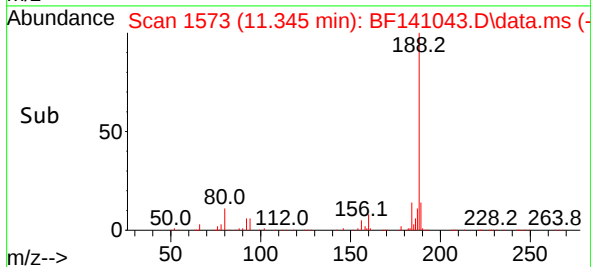
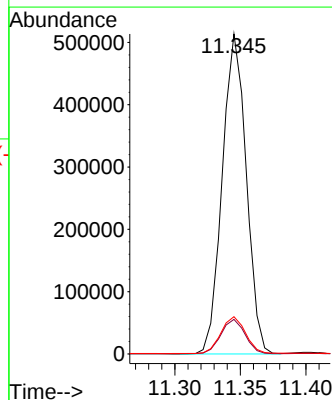
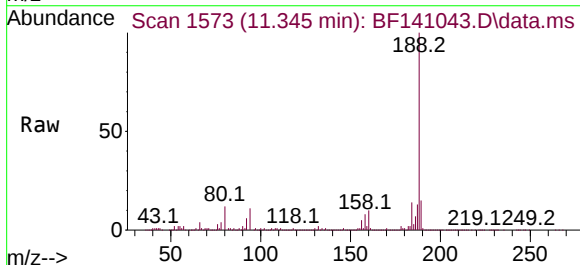
Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.1	44.1
105	24.2	1.8	41.8
51	30.0	9.7	49.7

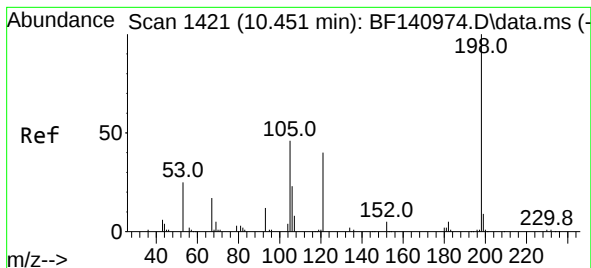


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion: 188 Resp: 653428

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.6
80	11.7	9.8	14.6

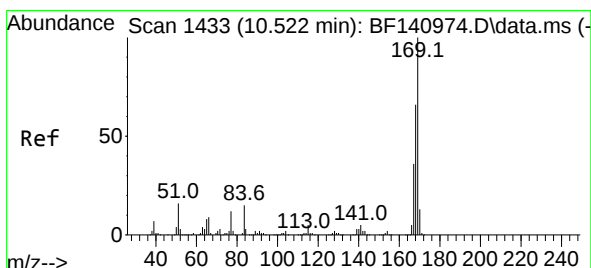
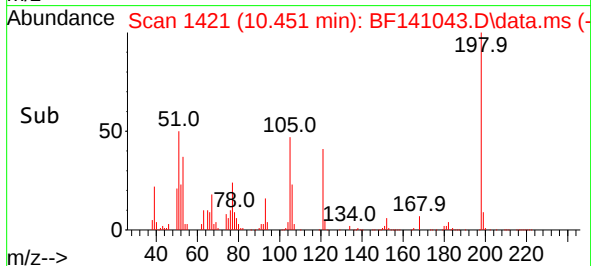
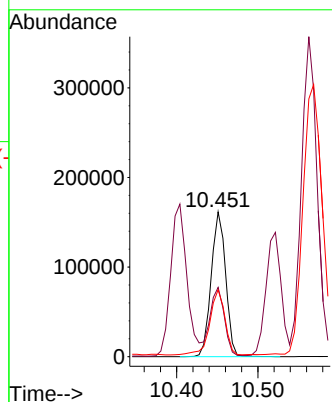
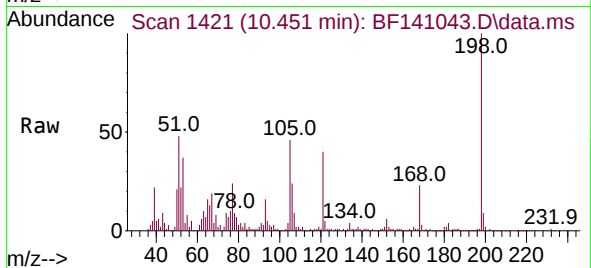




#65
4,6-Dinitro-2-methylphenol
Concen: 70.902 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

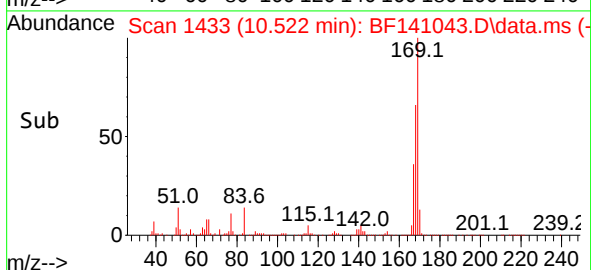
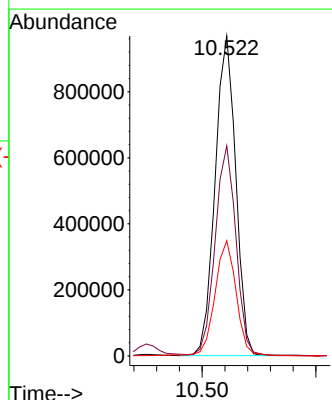
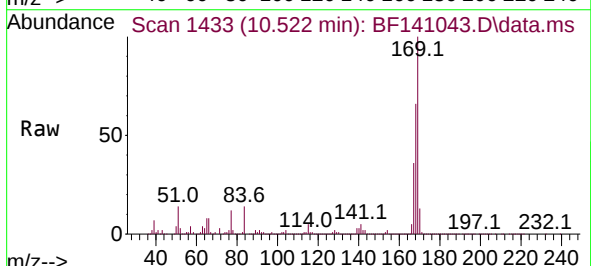
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

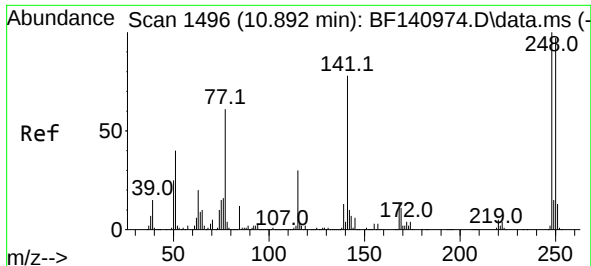
Tgt Ion:198 Resp: 199141
Ion Ratio Lower Upper
198 100
51 47.9 32.3 72.3
105 46.2 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 59.400 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:169 Resp: 1222234
Ion Ratio Lower Upper
169 100
168 65.6 52.6 79.0
167 36.0 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 58.423 ng

RT: 10.892 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

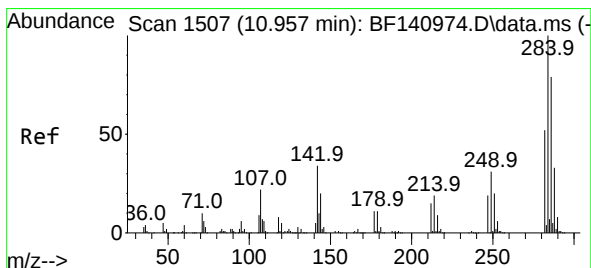
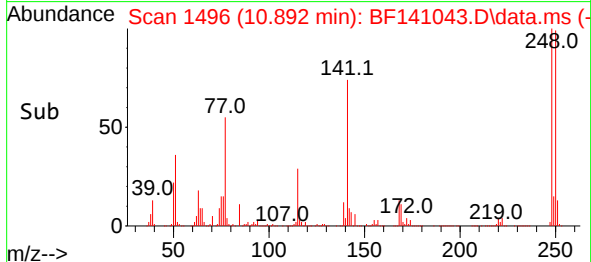
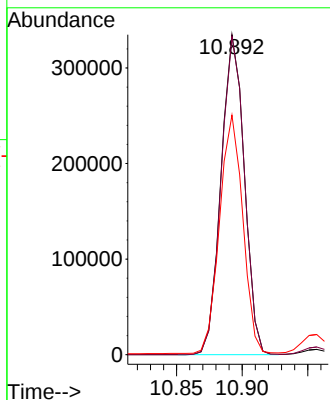
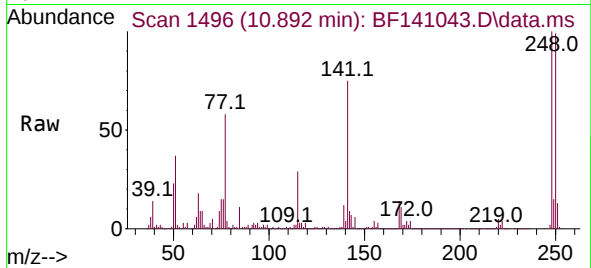
Tgt Ion:248 Resp: 412680

Ion Ratio Lower Upper

248 100

250 99.4 77.7 116.5

141 74.9 62.1 93.1



#68

Hexachlorobenzene

Concen: 53.821 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

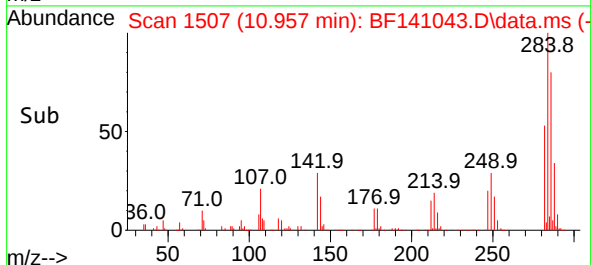
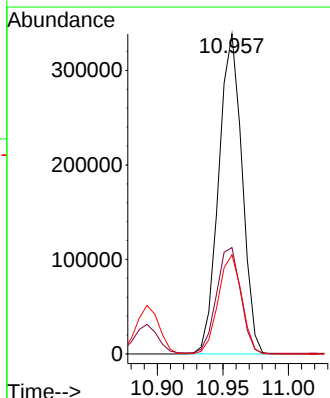
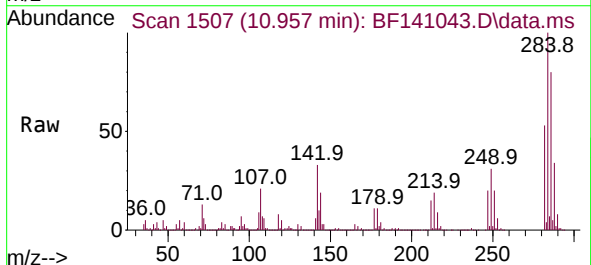
Tgt Ion:284 Resp: 419203

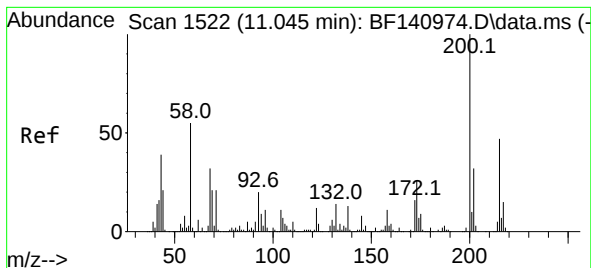
Ion Ratio Lower Upper

284 100

142 33.3 27.1 40.7

249 31.0 25.1 37.7





#69

Atrazine

Concen: 67.651 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

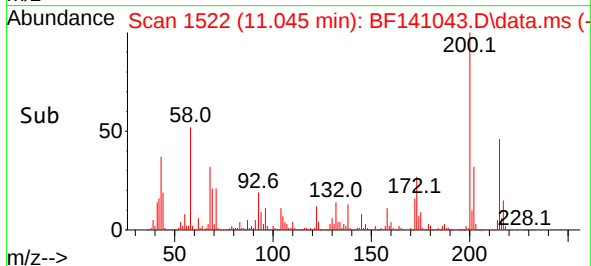
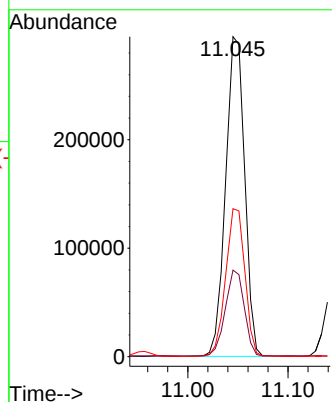
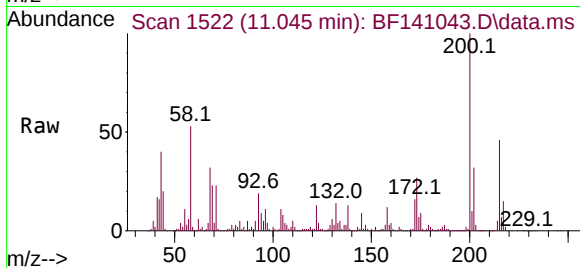
Tgt Ion:200 Resp: 388881

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

215 46.2 27.2 67.2



#70

Pentachlorophenol

Concen: 105.448 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

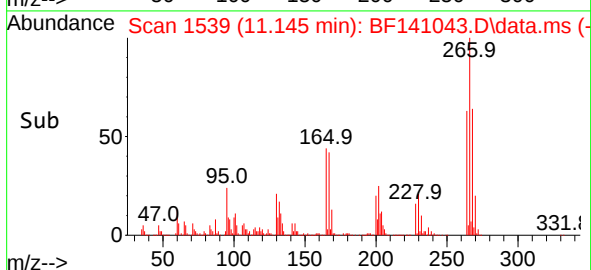
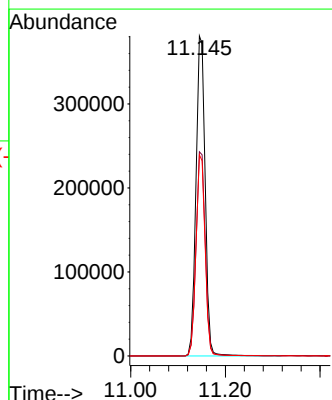
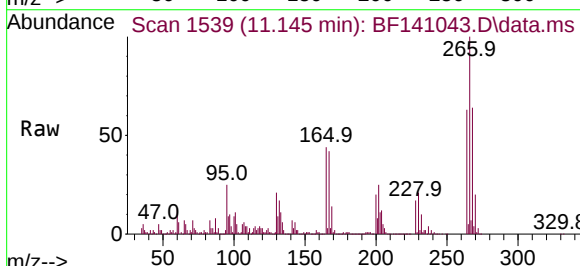
Tgt Ion:266 Resp: 511358

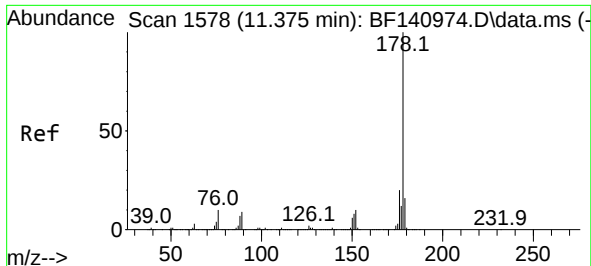
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 62.9 50.2 75.4

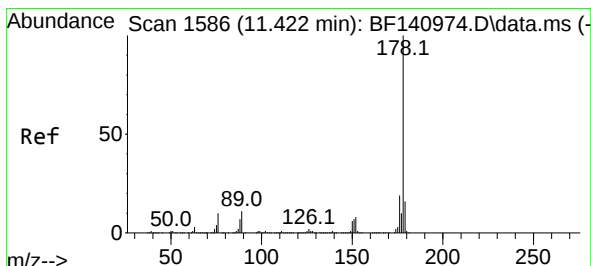
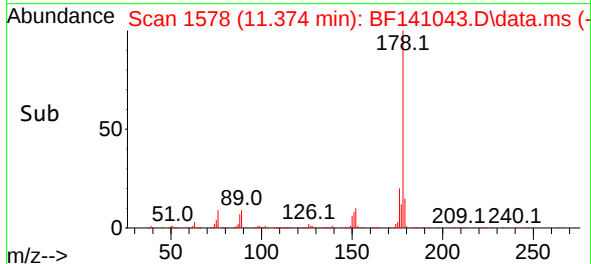
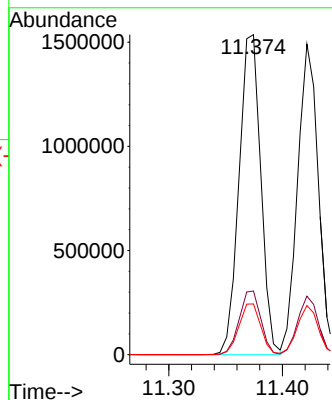
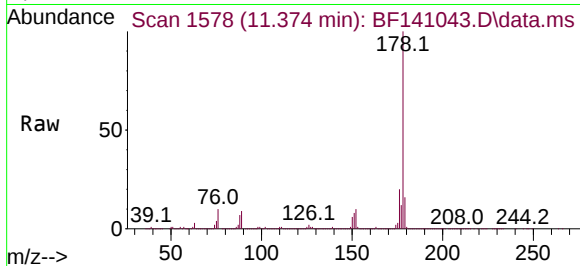




#71
Phenanthrene
Concen: 59.454 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

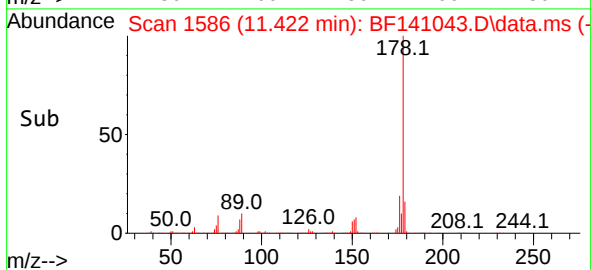
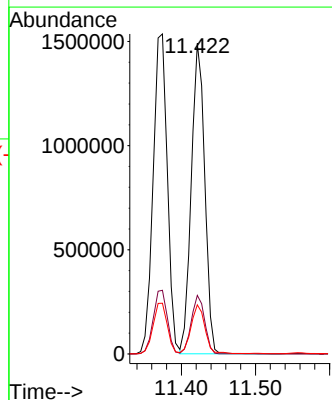
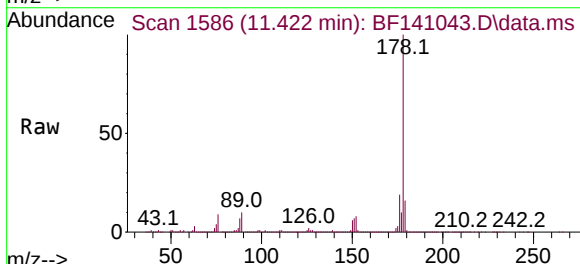
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

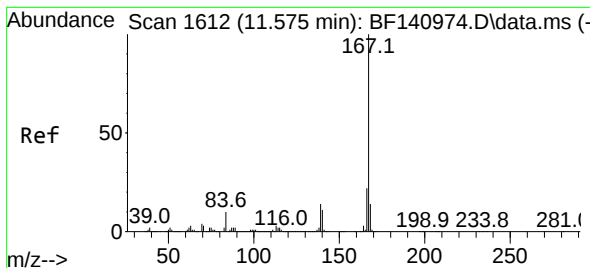
Tgt Ion:178 Resp: 2044645
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 55.797 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:178 Resp: 1880265
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 12.9 19.3





#73

Carbazole

Concen: 48.367 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

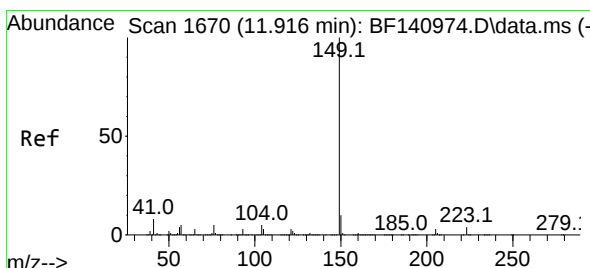
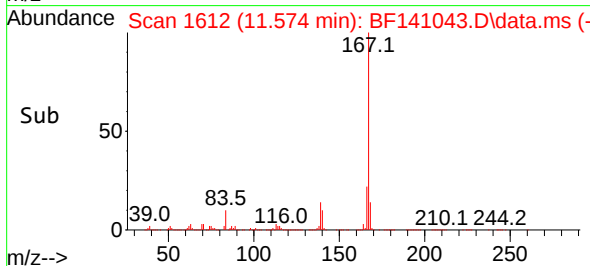
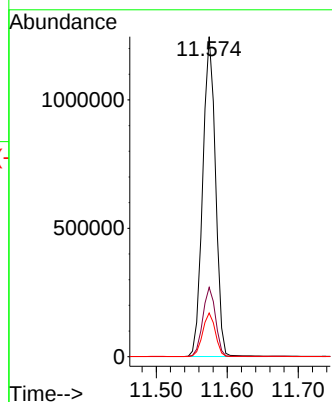
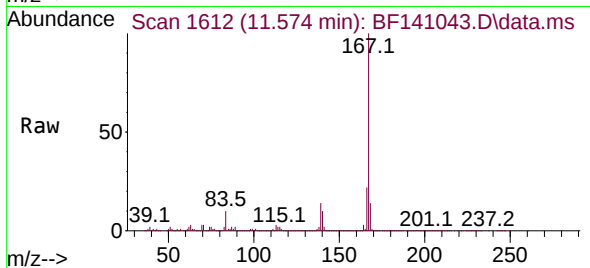
Tgt Ion:167 Resp: 1566829

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 53.044 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

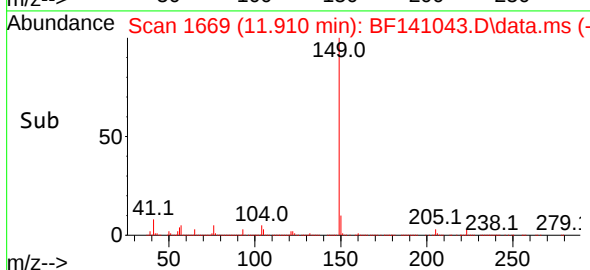
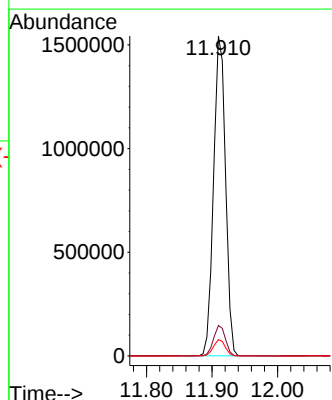
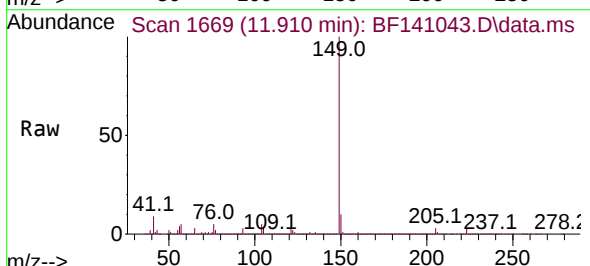
Tgt Ion:149 Resp: 1954480

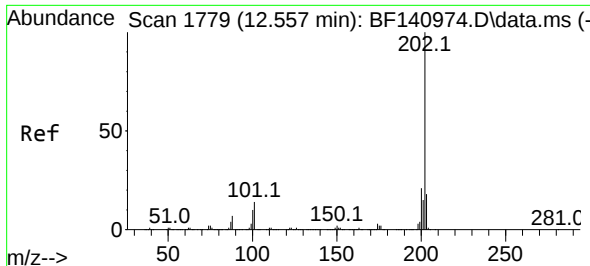
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.1 4.1 6.1

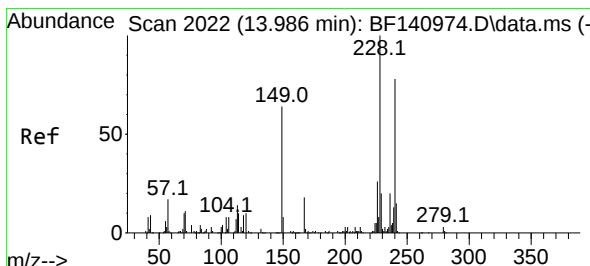
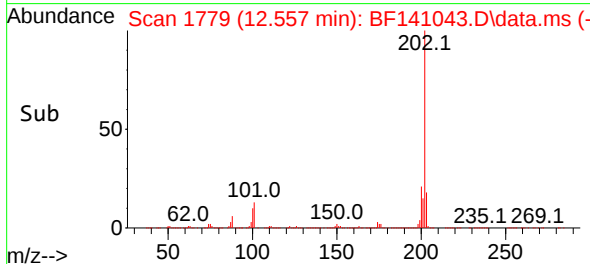
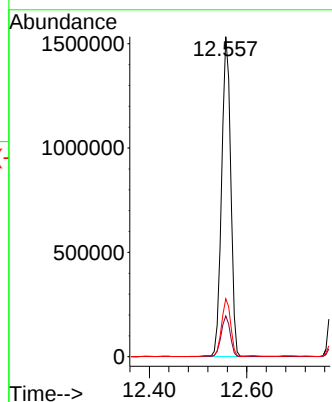
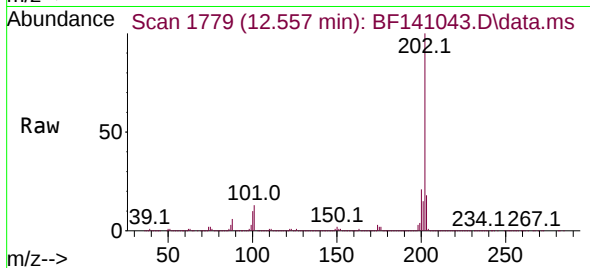




#75
Fluoranthene
Concen: 53.270 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

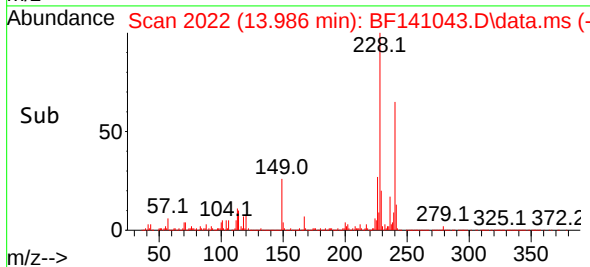
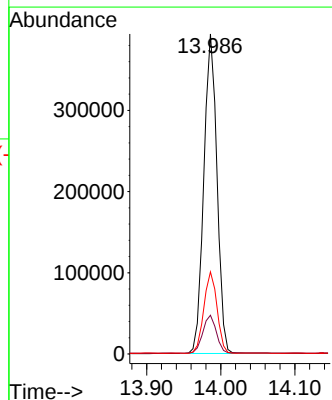
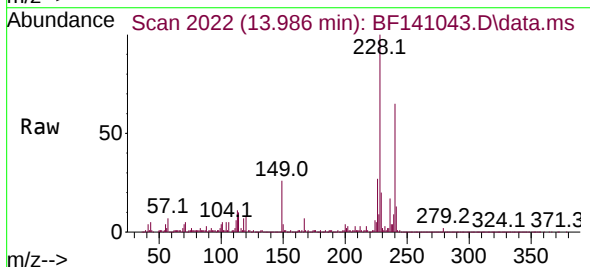
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

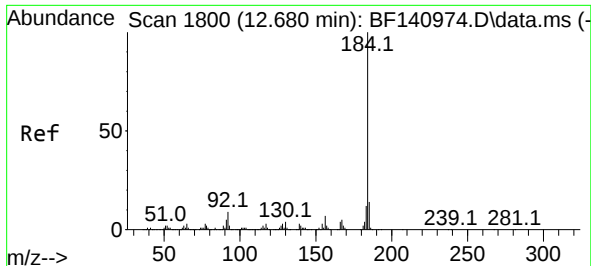
Tgt Ion:202 Resp: 1986910
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.7
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:240 Resp: 486352
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.7 20.6 31.0

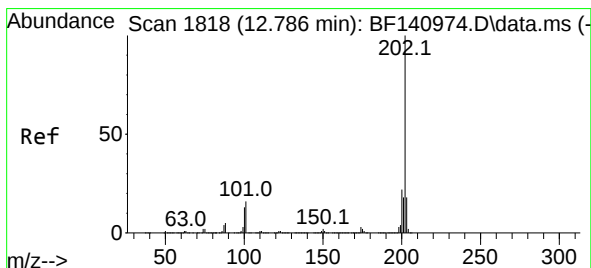
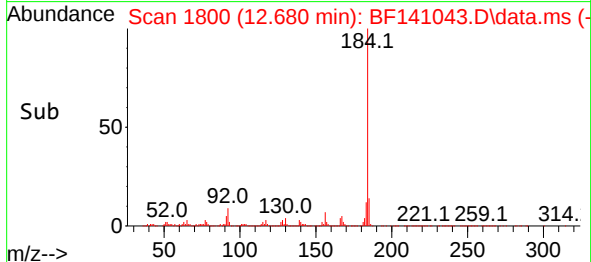
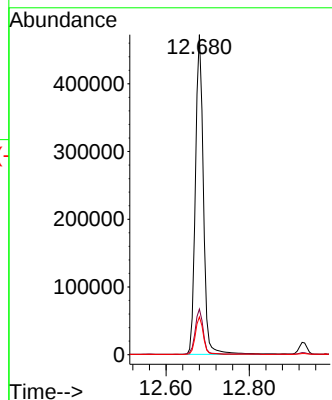
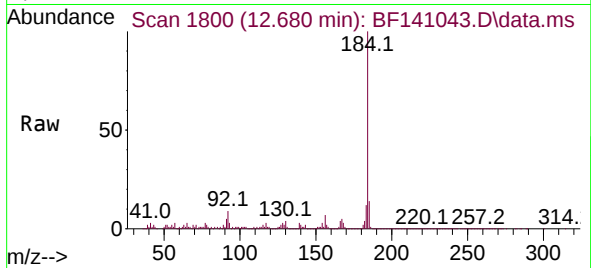




#77
Benzidine
Concen: 61.002 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

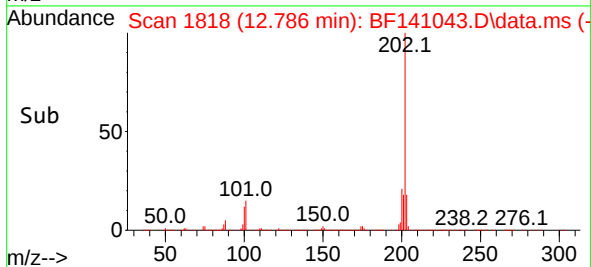
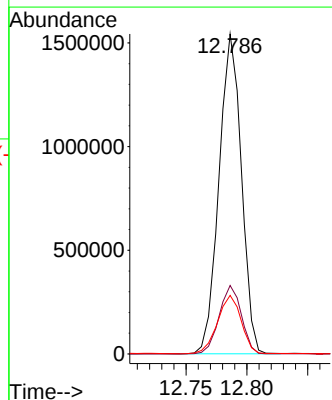
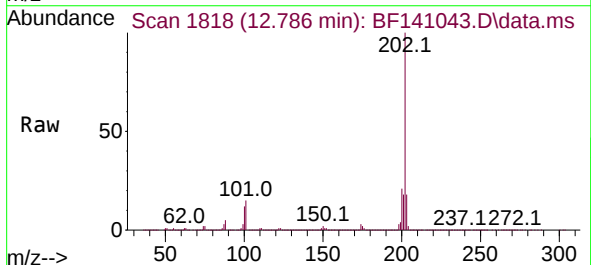
Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

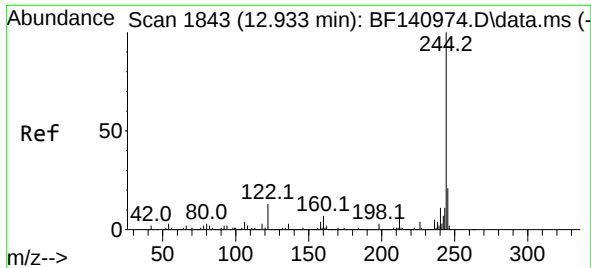
Tgt Ion:184 Resp: 627012
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.0



#78
Pyrene
Concen: 46.418 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:202 Resp: 1974387
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.3 14.6 21.8

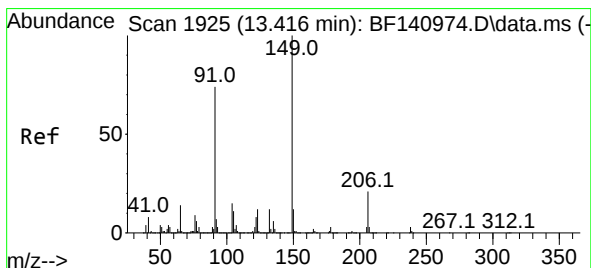
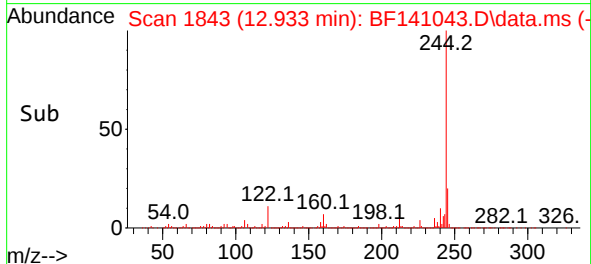
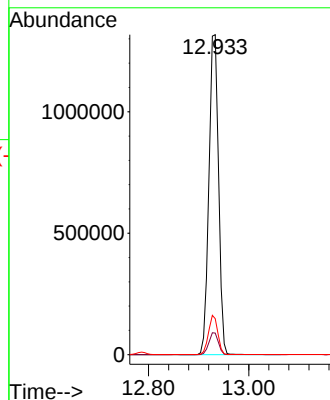
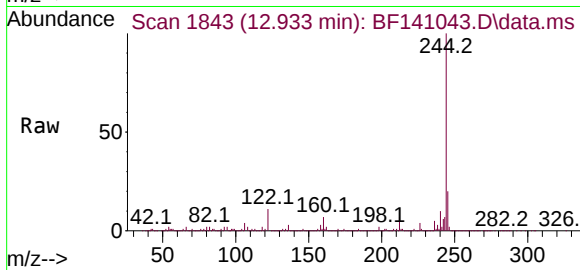




#79
 Terphenyl-d14
 Concen: 60.138 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141043.D
 Acq: 30 Dec 2024 20:44

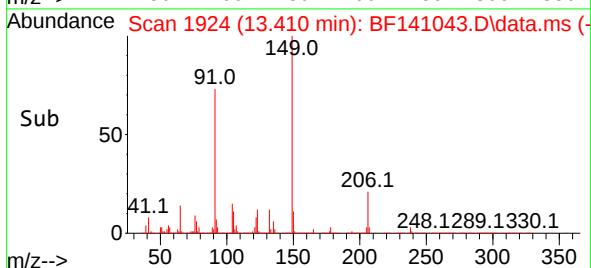
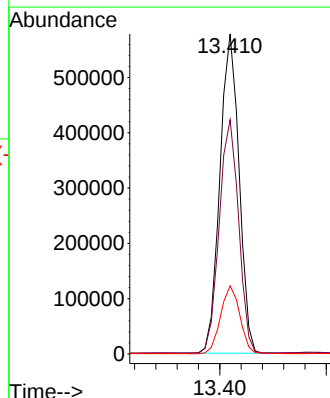
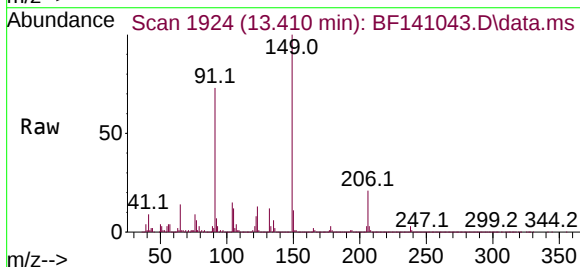
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-12272024MSD

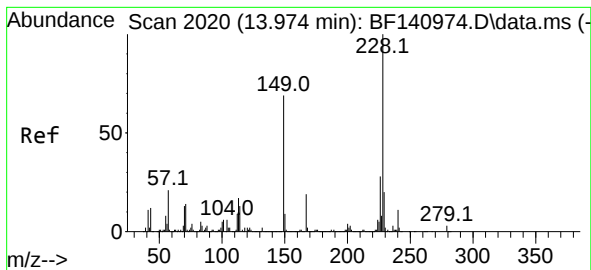
Tgt Ion:244 Resp: 1760881
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.3 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 46.328 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141043.D
 Acq: 30 Dec 2024 20:44

Tgt Ion:149 Resp: 719562
 Ion Ratio Lower Upper
 149 100
 91 73.2 59.5 89.3
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 50.571 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

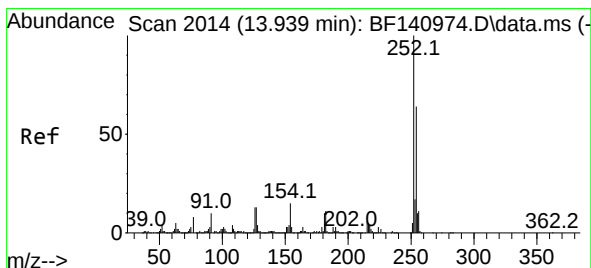
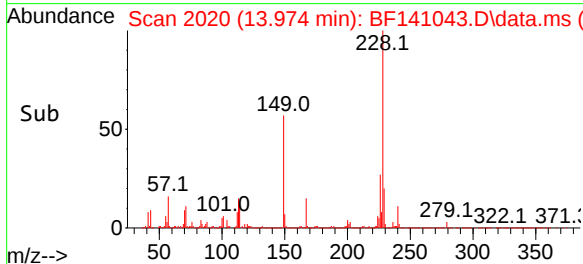
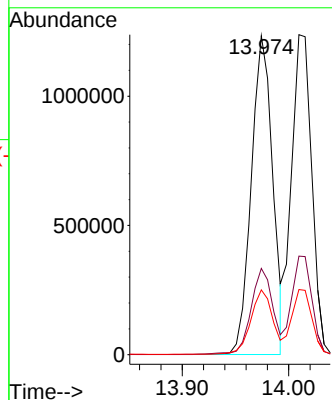
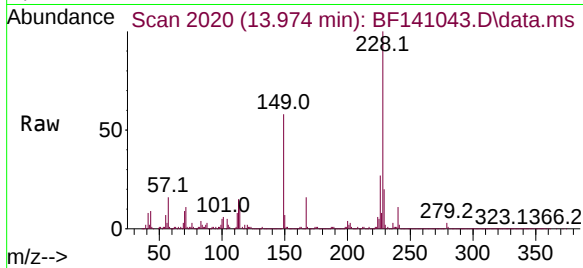
Tgt Ion:228 Resp: 1714133

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 47.294 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

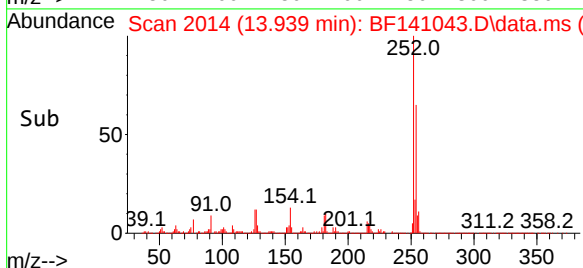
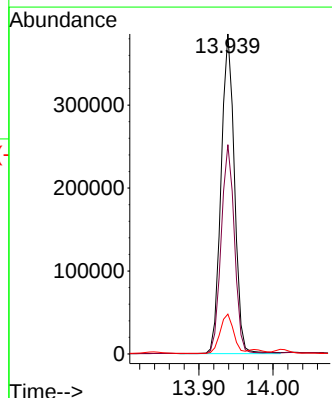
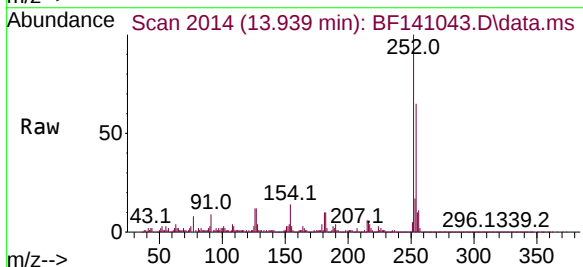
Tgt Ion:252 Resp: 481637

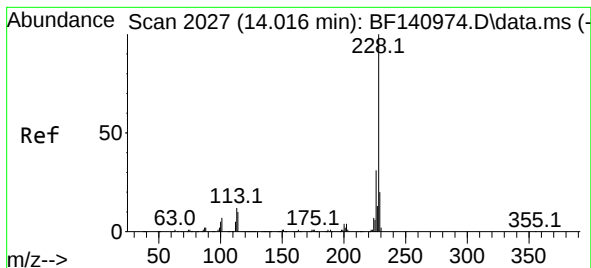
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 12.4 10.3 15.5





#83

Chrysene

Concen: 53.463 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

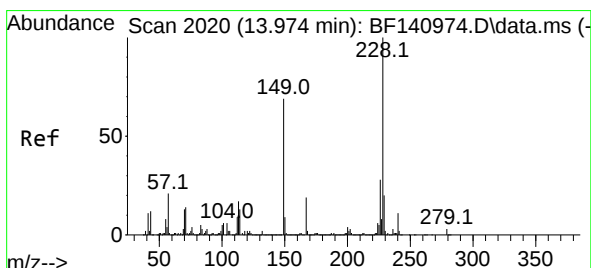
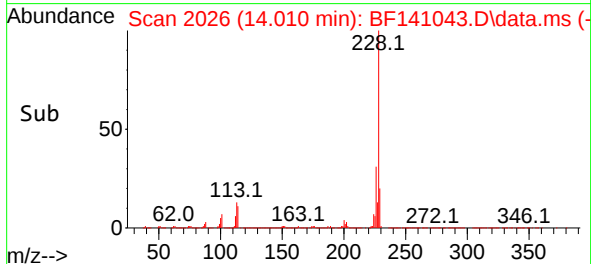
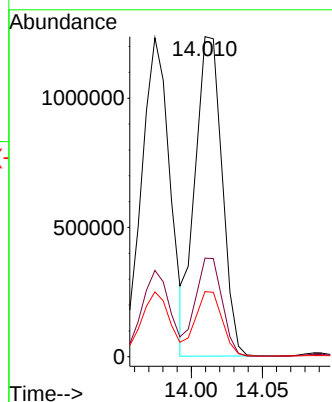
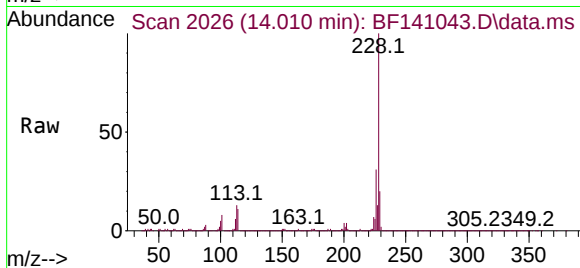
Tgt Ion:228 Resp: 1633606

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.601 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

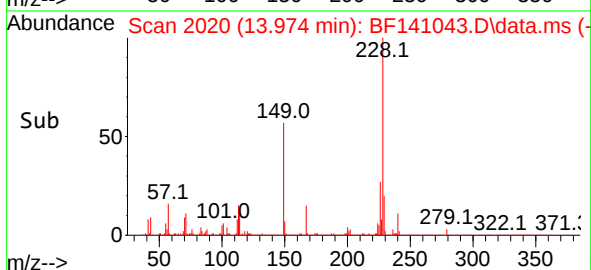
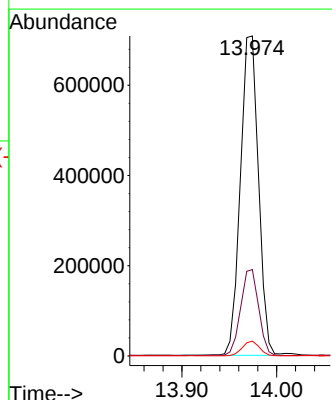
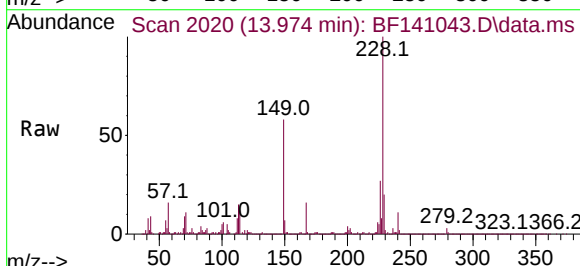
Tgt Ion:149 Resp: 938869

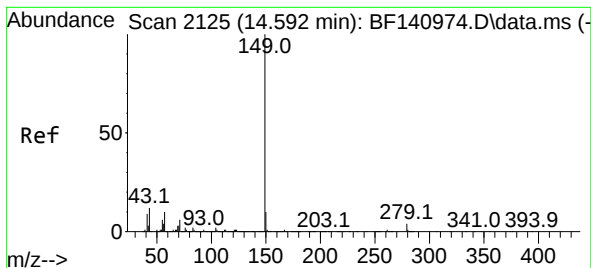
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.946 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

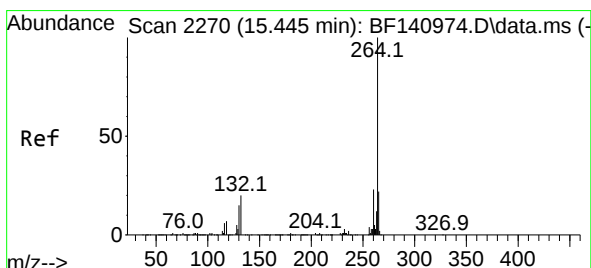
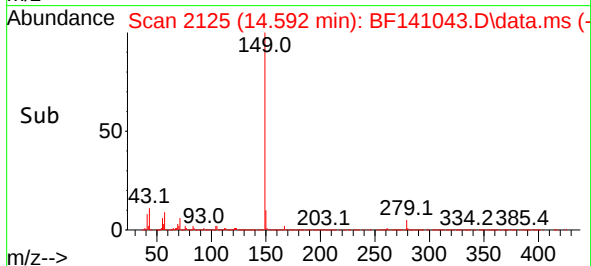
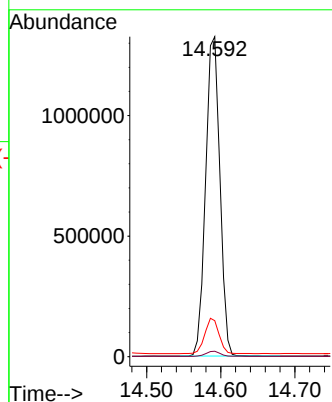
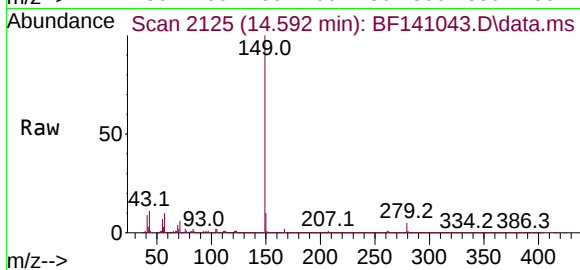
Tgt Ion:149 Resp: 1777160

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 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: BF141043.D

Acq: 30 Dec 2024 20:44

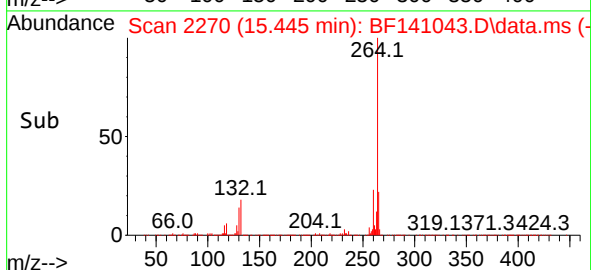
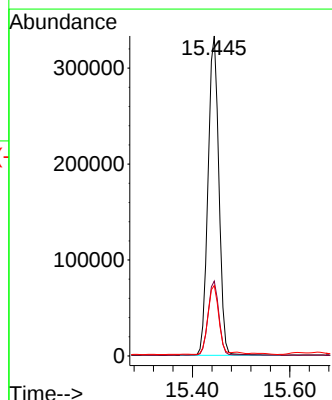
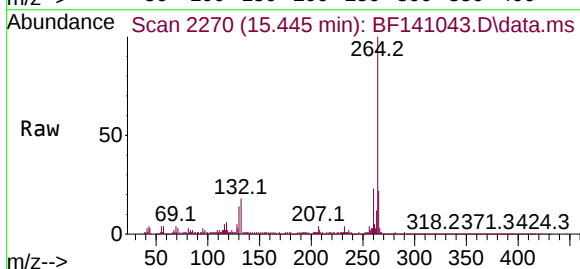
Tgt Ion:264 Resp: 510837

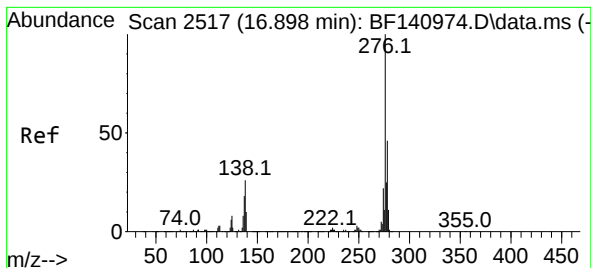
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.343 ng

RT: 16.898 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

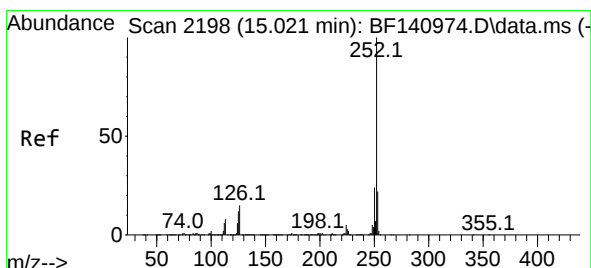
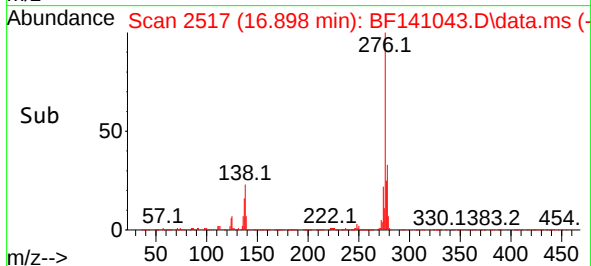
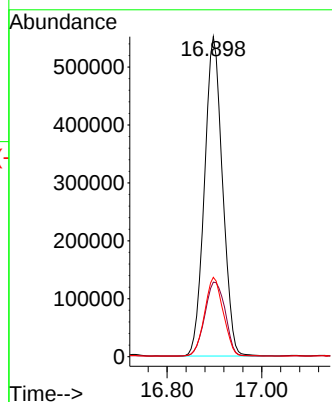
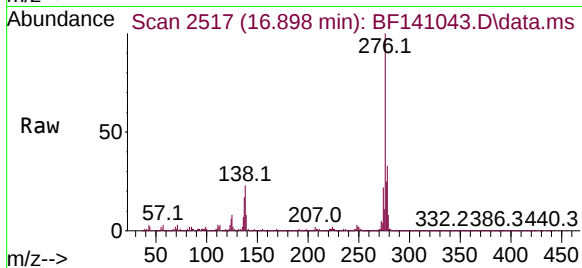
Tgt Ion:276 Resp: 1459327

Ion Ratio Lower Upper

276 100

138 26.2 23.1 34.7

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.996 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

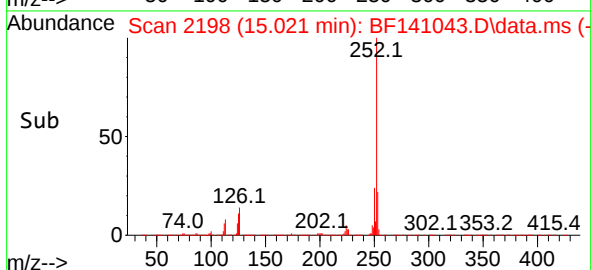
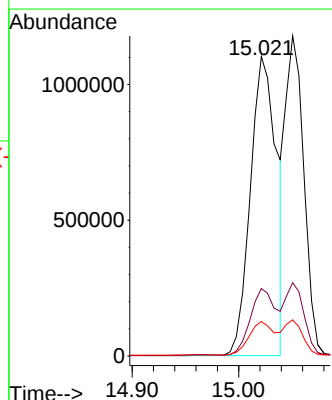
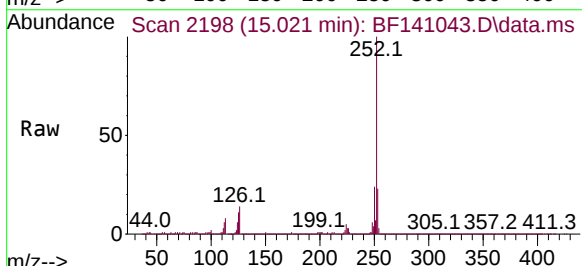
Tgt Ion:252 Resp: 1888147

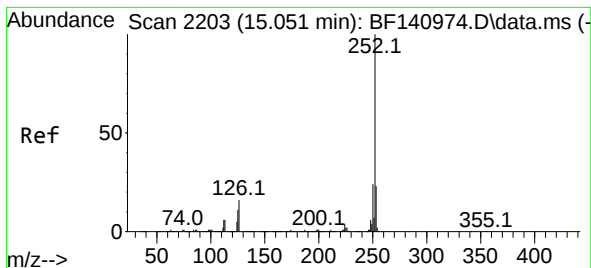
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.5 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 50.427 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

Instrument :

BNA_F

ClientSampleId :

NB-07-12272024MSD

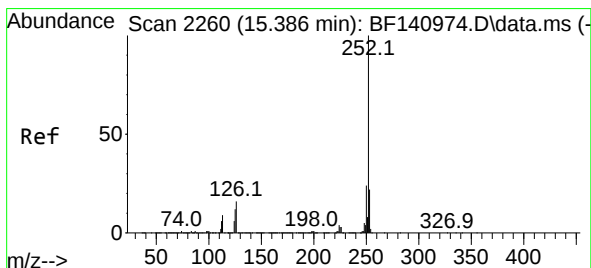
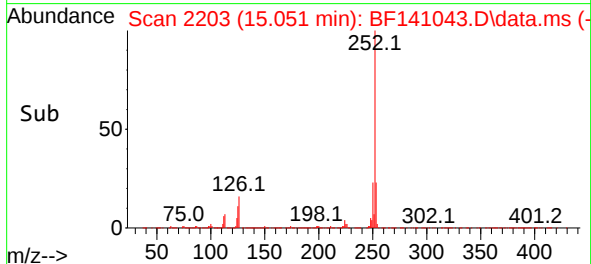
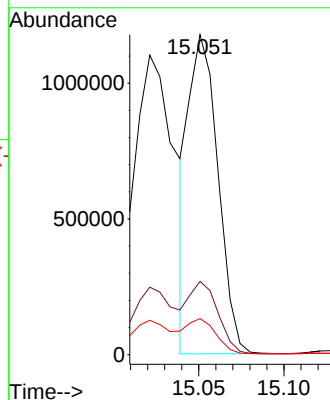
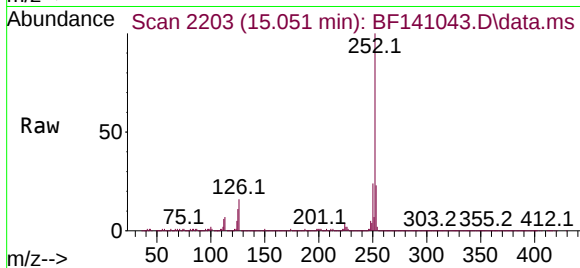
Tgt Ion:252 Resp: 1408108

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 11.3 9.4 14.0



#90

Benzo(a)pyrene

Concen: 55.397 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141043.D

Acq: 30 Dec 2024 20:44

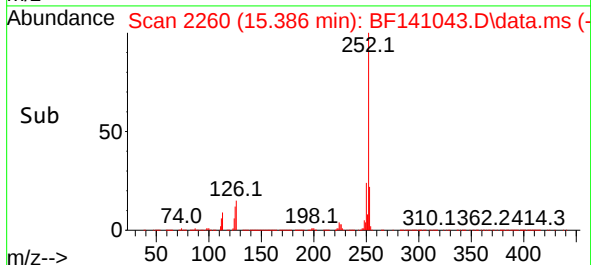
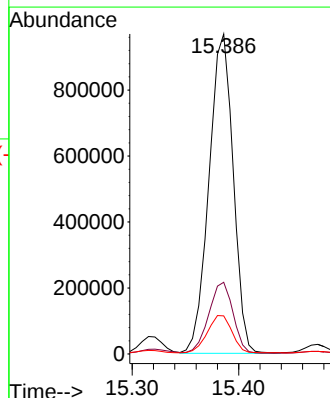
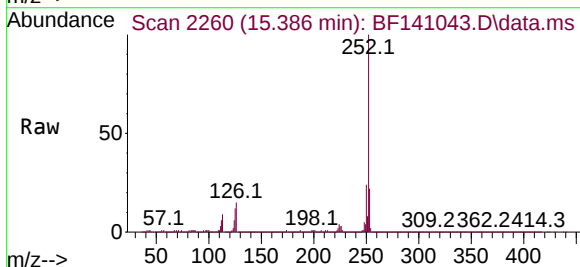
Tgt Ion:252 Resp: 1531936

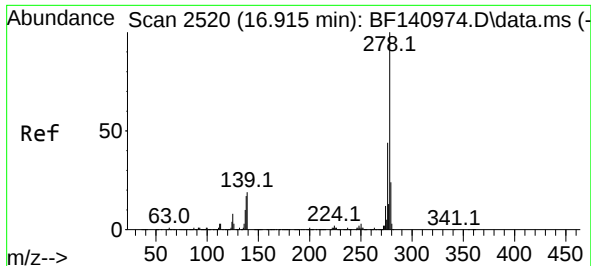
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 11.9 9.8 14.8

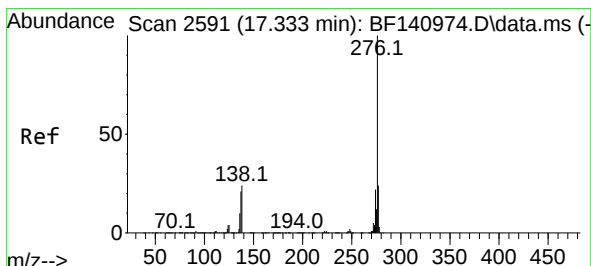
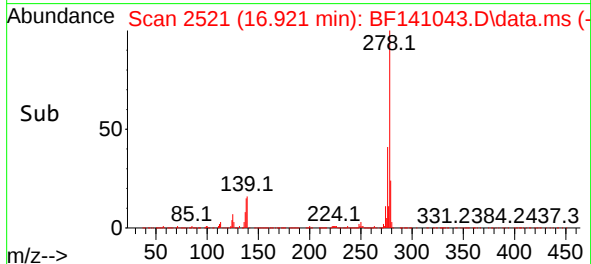
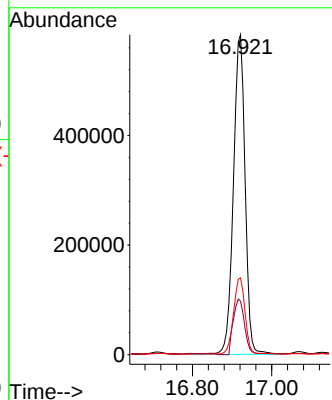
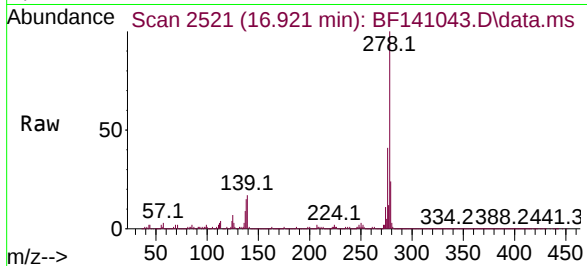




#91
Dibenzo(a,h)anthracene
Concen: 45.817 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Instrument :
BNA_F
ClientSampleId :
NB-07-12272024MSD

Tgt Ion:278 Resp: 1195307
Ion Ratio Lower Upper
278 100
139 16.7 14.9 22.3
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.598 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF141043.D
Acq: 30 Dec 2024 20:44

Tgt Ion:276 Resp: 1044416
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 22.9 19.4 29.2

