

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141093.D
 Acq On : 08 Jan 2025 19:23
 Operator : RC/JU
 Sample : Q1025-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREENBROOK-COMPMS

Quant Time: Jan 09 00:03:56 2025
 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	199639	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	765882	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	380235	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	536144	20.000	ng	0.00
76) Chrysene-d12	13.992	240	412926	20.000	ng	0.00
86) Perylene-d12	15.457	264	359191	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1111499	83.924	ng	0.01
7) Phenol-d6	6.451	99	1428503	83.728	ng	0.00
23) Nitrobenzene-d5	7.392	82	877844	73.331	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	351625	95.168	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1429646	59.904	ng	0.00
79) Terphenyl-d14	12.933	244	1183637	47.612	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.628	88	257873	43.007	ng	97
3) Pyridine	3.375	79	653751	44.614	ng	98
4) n-Nitrosodimethylamine	3.322	42	338251	45.559	ng	100
6) Aniline	6.487	93	285235	18.745	ng	# 92
8) 2-Chlorophenol	6.610	128	682434	48.873	ng	97
9) Benzaldehyde	6.375	77	102738	5.096	ng	96
10) Phenol	6.469	94	837631	47.480	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	635441	44.609	ng	97
12) 1,3-Dichlorobenzene	6.769	146	707827	45.932	ng	99
13) 1,4-Dichlorobenzene	6.845	146	711096	45.774	ng	99
14) 1,2-Dichlorobenzene	6.998	146	683799	47.210	ng	98
15) Benzyl Alcohol	6.969	79	580928	47.383	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	934229	43.367	ng	98
17) 2-Methylphenol	7.081	107	534157	46.046	ng	99
18) Hexachloroethane	7.339	117	259141	46.959	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	450719	43.122	ng	99
20) 3+4-Methylphenols	7.234	107	655748	44.669	ng	# 78
22) Acetophenone	7.239	105	855608	45.540	ng	99
24) Nitrobenzene	7.410	77	695198	51.972	ng	96
25) Isophorone	7.651	82	1226789	47.094	ng	100
26) 2-Nitrophenol	7.728	139	343328	61.015	ng	98
27) 2,4-Dimethylphenol	7.763	122	532575	55.941	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	748114	45.328	ng	100
29) 2,4-Dichlorophenol	7.963	162	528976	48.991	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	559389	45.773	ng	99
31) Naphthalene	8.133	128	1870733	46.354	ng	100
32) Benzoic acid	7.875	122	434025	54.212	ng	95
33) 4-Chloroaniline	8.181	127	88830	6.084	ng	99
34) Hexachlorobutadiene	8.251	225	341623	47.417	ng	99
35) Caprolactam	8.545	113	181606	49.475	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	566937	47.279	ng	99
37) 2-Methylnaphthalene	8.822	142	1199107	46.445	ng	100
38) 1-Methylnaphthalene	8.922	142	1111768	43.816	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	543142	51.922	ng	100
41) Hexachlorocyclopentadiene	8.975	237	495647	142.979	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	368289	52.899	ng	99

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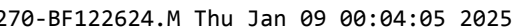
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 ClientSampleId :
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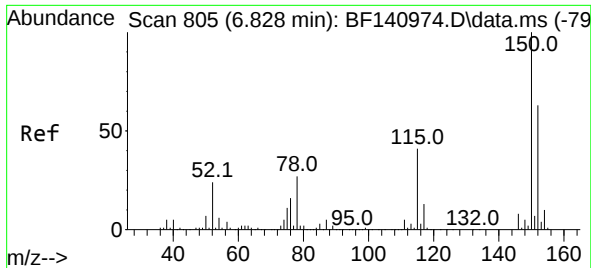
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	374452	52.565	ng	97
46) 1,1'-Biphenyl	9.286	154	1459490	50.129	ng	99
47) 2-Chloronaphthalene	9.310	162	1102877	48.843	ng	99
48) 2-Nitroaniline	9.404	65	342247	56.976	ng	91
49) Acenaphthylene	9.727	152	1682038	51.747	ng	99
50) Dimethylphthalate	9.586	163	1301023	52.019	ng	100
51) 2,6-Dinitrotoluene	9.645	165	281931	54.721	ng	95
52) Acenaphthene	9.898	154	1165897	53.055	ng	100
53) 3-Nitroaniline	9.810	138	174040	32.507	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	210762	95.322	ng	# 1
55) Dibenzofuran	10.069	168	1490984	48.279	ng	100
56) 4-Nitrophenol	9.969	139	413702	96.699	ng	95
57) 2,4-Dinitrotoluene	10.045	165	366722	57.747	ng	96
58) Fluorene	10.410	166	1102638	46.043	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	302372	51.251	ng	96
60) Diethylphthalate	10.286	149	1210067	49.008	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	549823	47.714	ng	99
62) 4-Nitroaniline	10.422	138	242690	44.089	ng	94
63) Azobenzene	10.563	77	1260387	48.633	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	144467	63.770	ng	96
66) n-Nitrosodiphenylamine	10.522	169	987172	58.471	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	340862	58.812	ng	99
68) Hexachlorobenzene	10.957	284	350942	54.914	ng	100
69) Atrazine	11.051	200	309371	65.592	ng	99
70) Pentachlorophenol	11.151	266	410340	103.128	ng	99
71) Phenanthrene	11.374	178	1508543	53.461	ng	100
72) Anthracene	11.422	178	1498038	54.179	ng	100
73) Carbazole	11.574	167	1250399	47.042	ng	99
74) Di-n-butylphthalate	11.910	149	1556027	51.469	ng	100
75) Fluoranthene	12.563	202	1498079	48.951	ng	97
77) Benzidine	12.680	184	344770	39.507	ng	100
78) Pyrene	12.792	202	1566054	43.365	ng	99
80) Butylbenzylphthalate	13.410	149	599178	45.437	ng	99
81) Benzo(a)anthracene	13.980	228	1408327	48.937	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	268812	31.089	ng	100
83) Chrysene	14.015	228	1304126	50.269	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	784583	45.868	ng	100
85) Di-n-octyl phthalate	14.598	149	1438970	58.123	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1027839	45.420	ng	96
88) Benzo(b)fluoranthene	15.033	252	1371362	54.742	ng	99
89) Benzo(k)fluoranthene	15.062	252	1016700	51.781	ng	99
90) Benzo(a)pyrene	15.398	252	1074930	55.282	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	826019	45.029	ng	98
92) Benzo(g,h,i)perylene	17.356	276	763628	40.136	ng	97

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

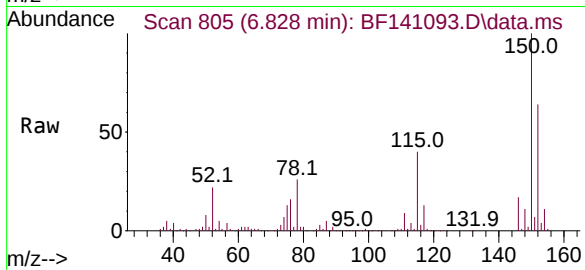
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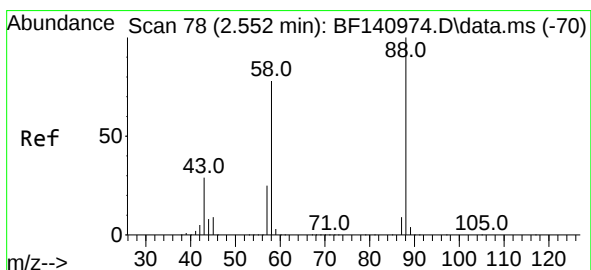
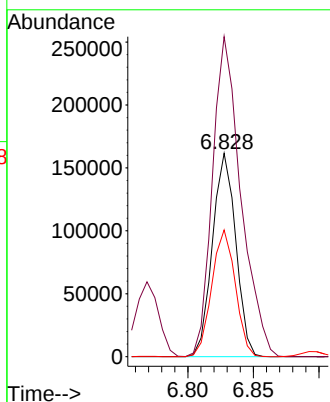
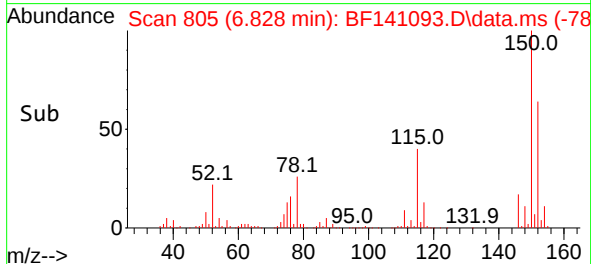


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

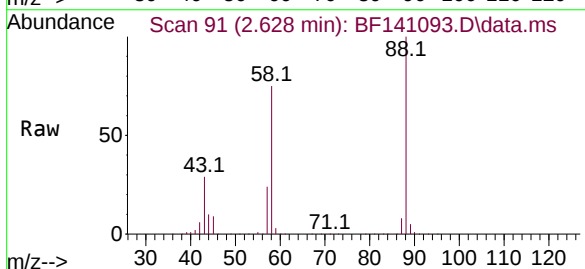
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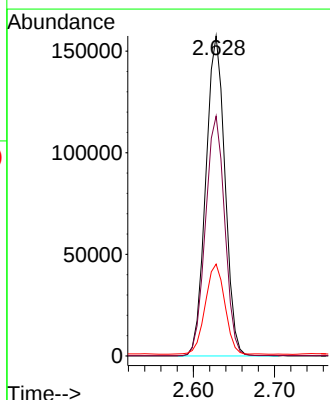
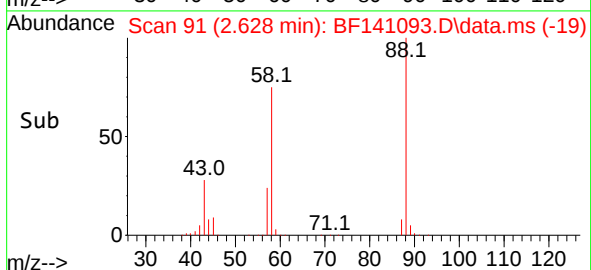
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 Ion Ratio Lower Upper
 152 100
 150 157.4 127.0 190.6
 115 62.4 51.7 77.5

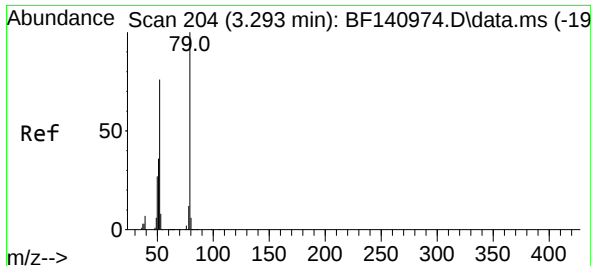


#2
 1,4-Dioxane
 Concen: 43.007 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23



Tgt Ion: 88 Resp: 257873
 Ion Ratio Lower Upper
 88 100
 58 75.1 63.0 94.4
 43 28.9 23.4 35.2

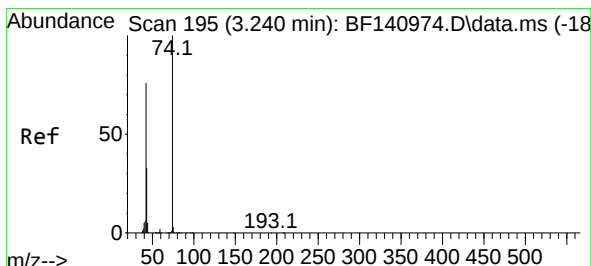
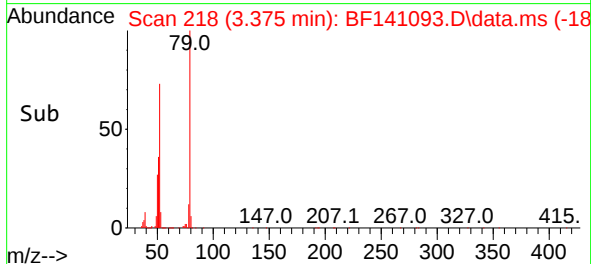
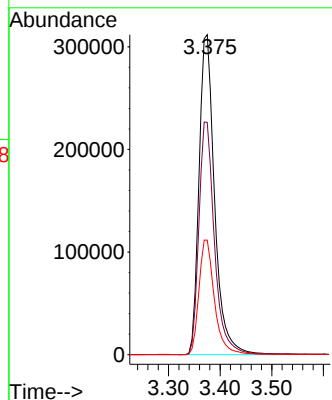
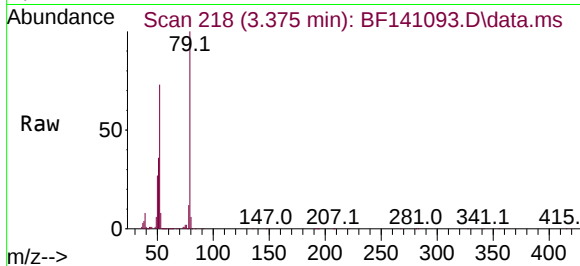




#3
Pyridine
Concen: 44.614 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

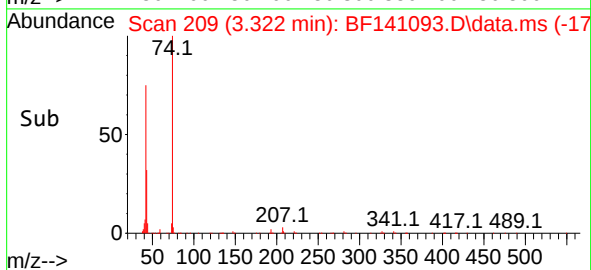
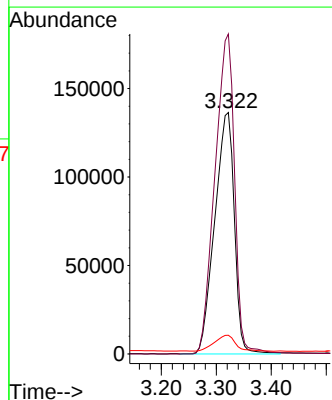
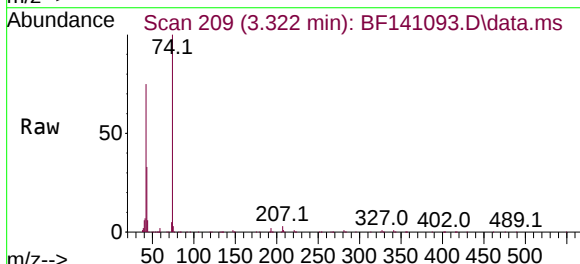
Instrument :
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ClientSampleId :
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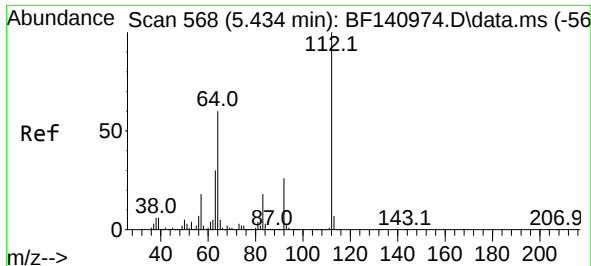
Tgt Ion: 79 Resp: 653751
Ion Ratio Lower Upper
79 100
52 72.6 60.4 90.6
51 35.8 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 45.559 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion: 42 Resp: 338251
Ion Ratio Lower Upper
42 100
74 132.6 105.8 158.6
44 7.7 6.6 10.0

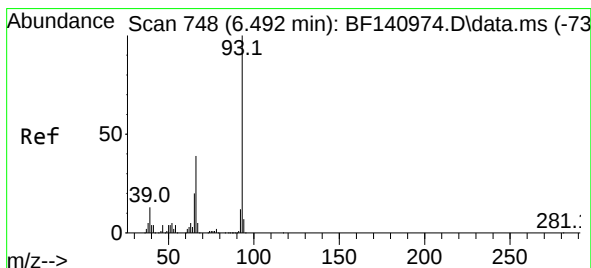
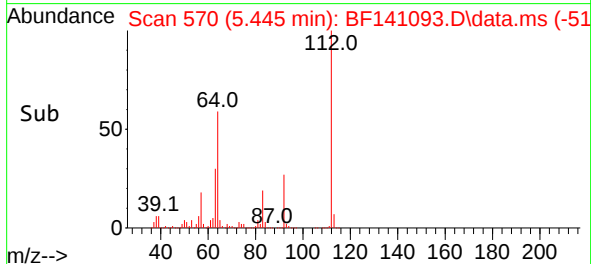
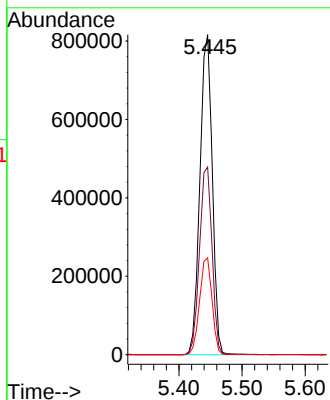
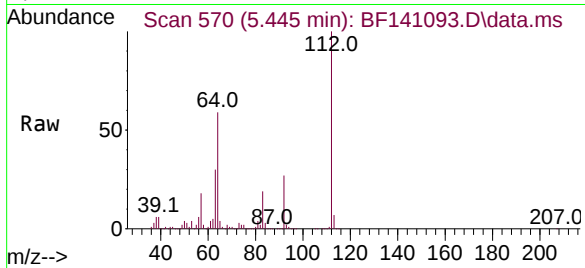




#5
2-Fluorophenol
Concen: 83.924 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

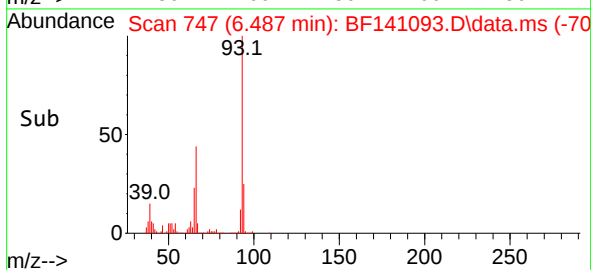
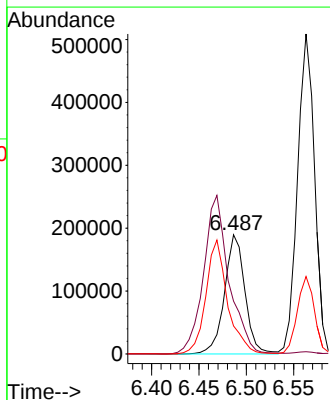
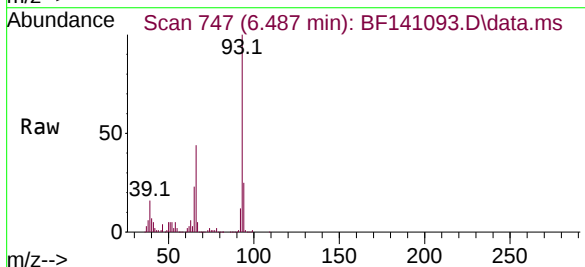
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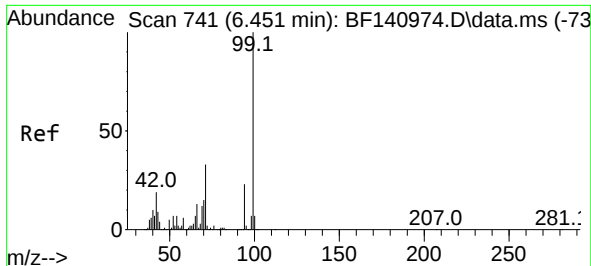
Tgt Ion:112 Resp: 1111499
Ion Ratio Lower Upper
112 100
64 58.7 47.7 71.5
63 30.3 24.2 36.2



#6
Aniline
Concen: 18.745 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion: 93 Resp: 285235
Ion Ratio Lower Upper
93 100
66 44.3 31.8 47.8
65 23.4 15.4 23.0#

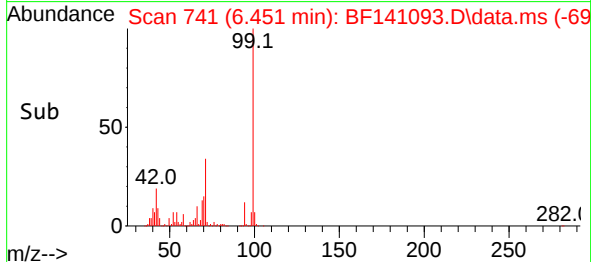
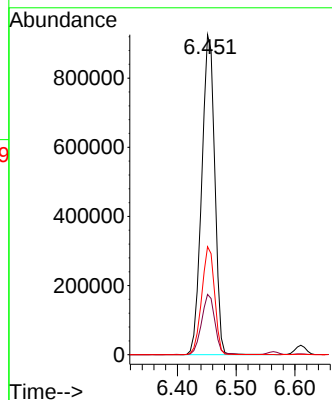
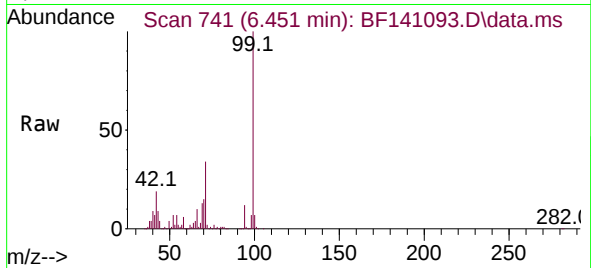




#7
Phenol-d6
Concen: 83.728 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

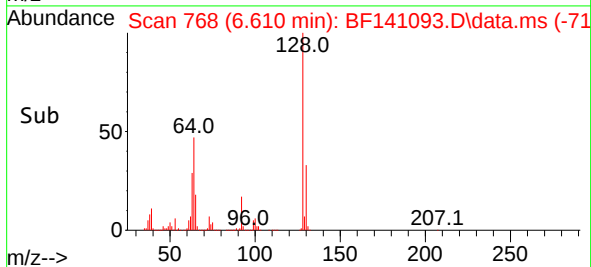
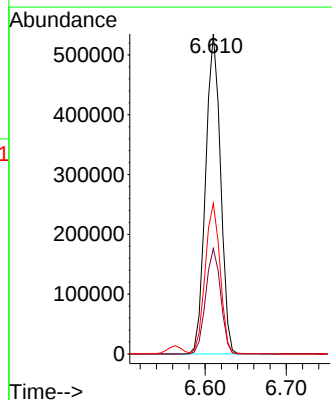
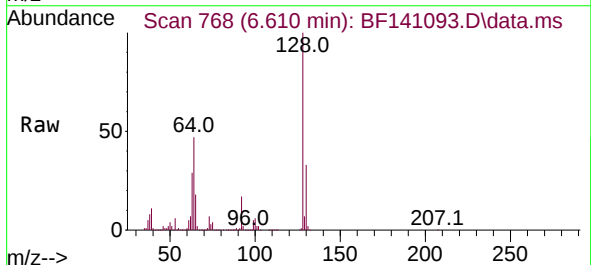
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Tgt Ion: 99 Resp: 1428503
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.8 26.2 39.2



#8
2-Chlorophenol
Concen: 48.873 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:128 Resp: 682434
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 47.1 30.3 70.3

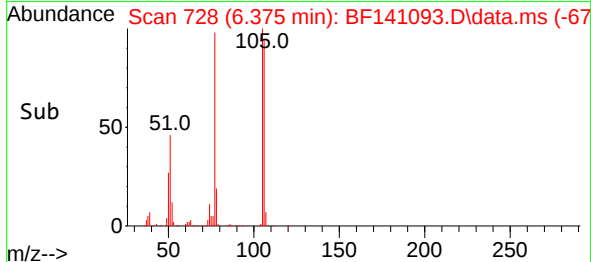
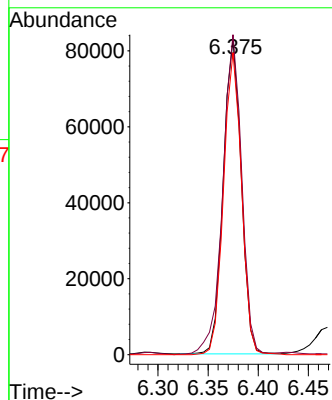
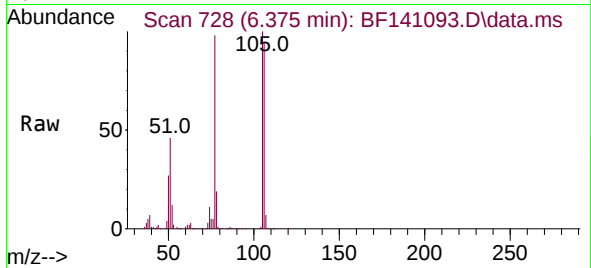




#9
Benzaldehyde
Concen: 5.096 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

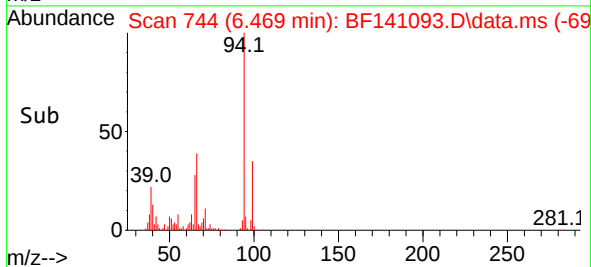
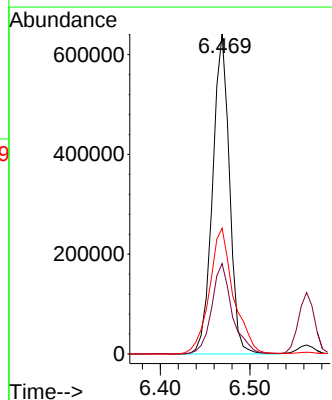
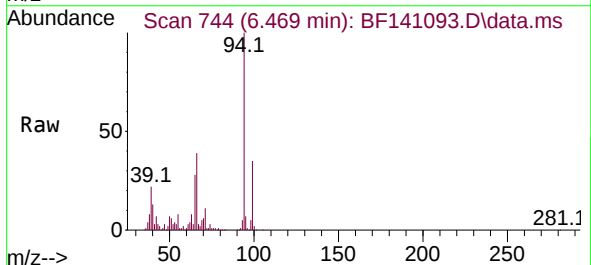
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ClientSampleId :
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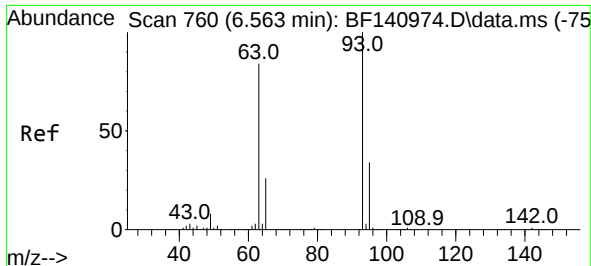
Tgt Ion: 77 Resp: 102738
Ion Ratio Lower Upper
77 100
105 101.7 76.2 116.2
106 96.0 73.4 113.4



#10
Phenol
Concen: 47.480 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion: 94 Resp: 837631
Ion Ratio Lower Upper
94 100
65 28.2 8.1 48.1
66 39.3 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 44.609 ng

RT: 6.563 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

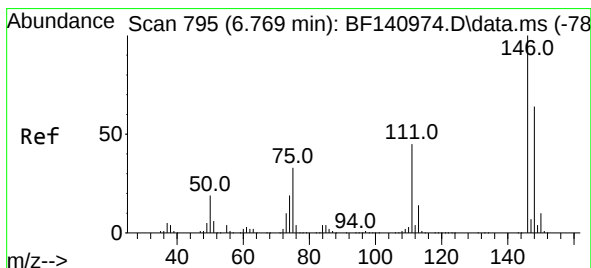
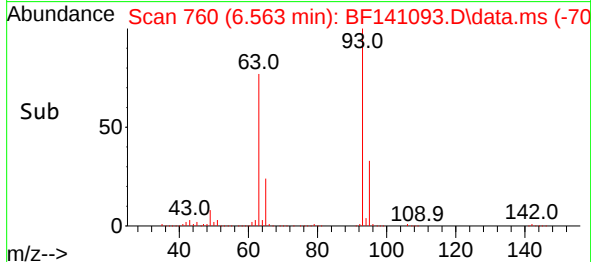
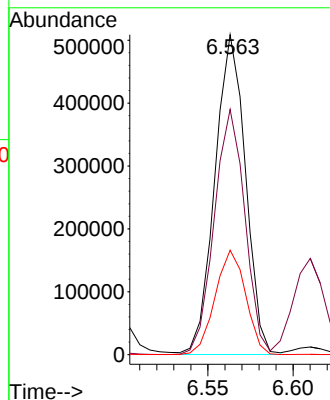
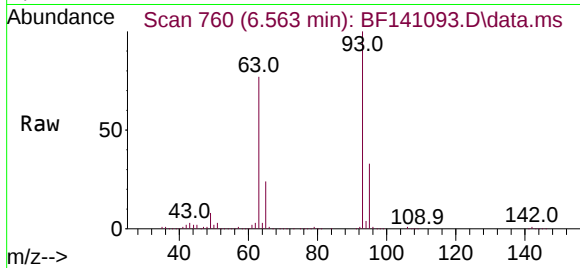
Tgt Ion: 93 Resp: 635441

Ion Ratio Lower Upper

93 100

63 76.6 60.3 100.3

95 32.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.932 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

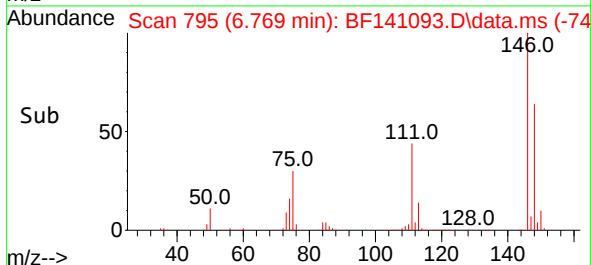
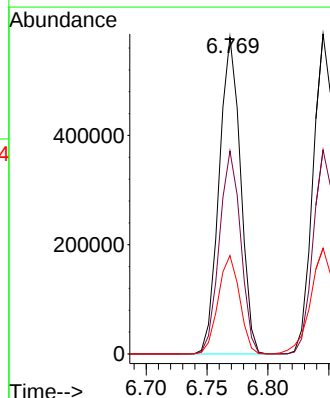
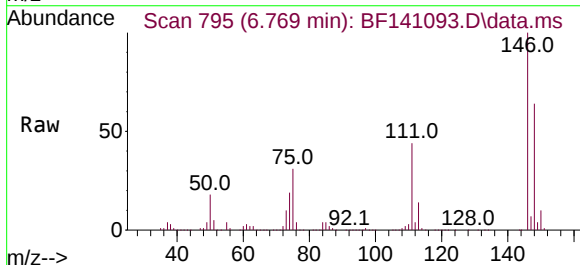
Tgt Ion:146 Resp: 707827

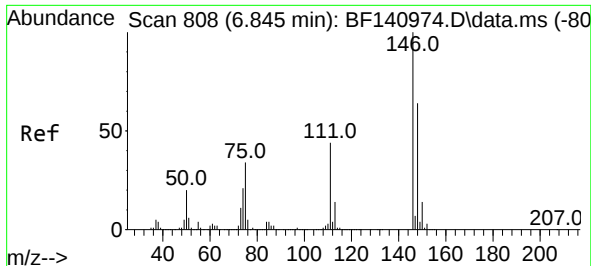
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

75 31.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 45.774 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

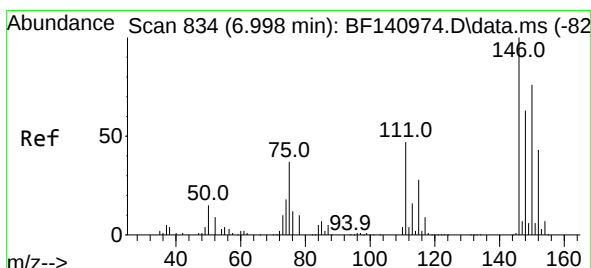
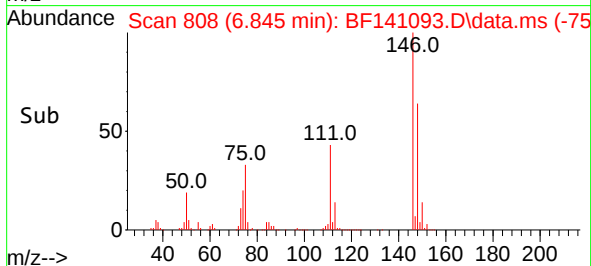
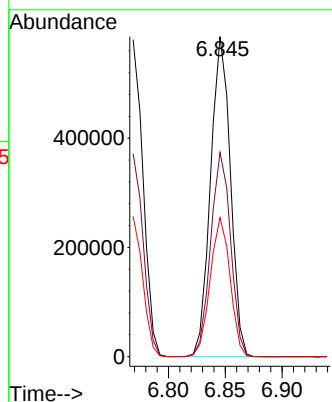
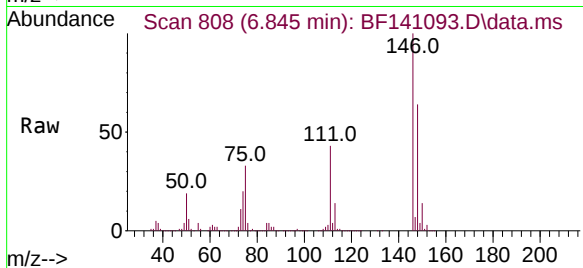
Tgt Ion:146 Resp: 711096

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 43.5 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 47.210 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

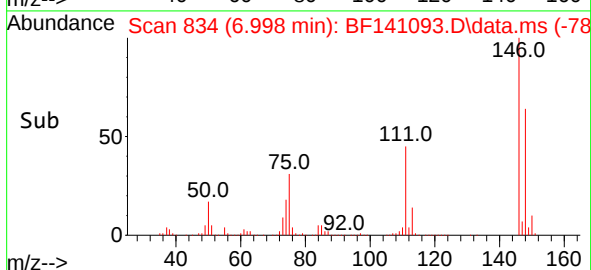
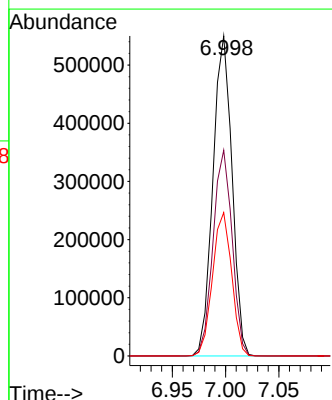
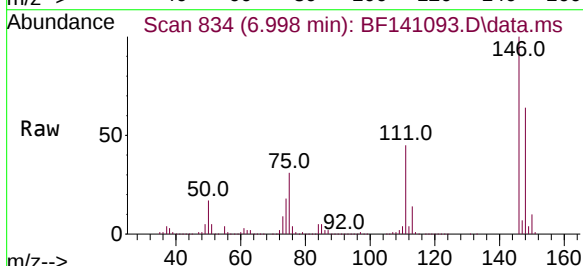
Tgt Ion:146 Resp: 683799

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

111 44.8 37.3 55.9

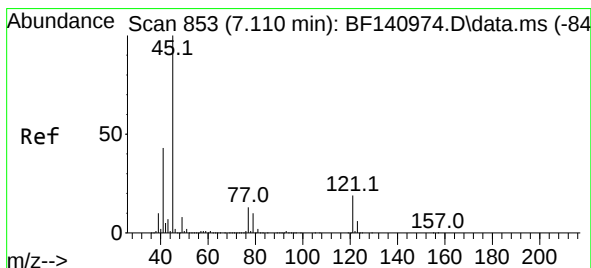
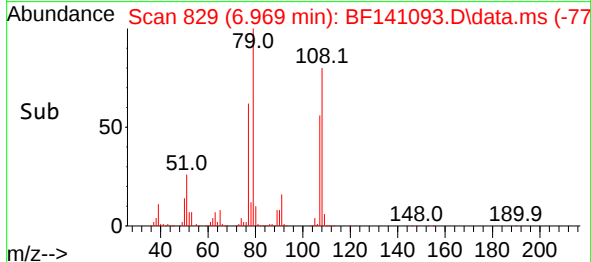
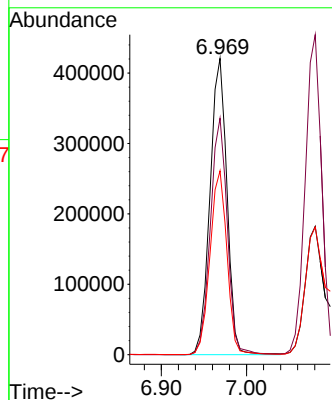
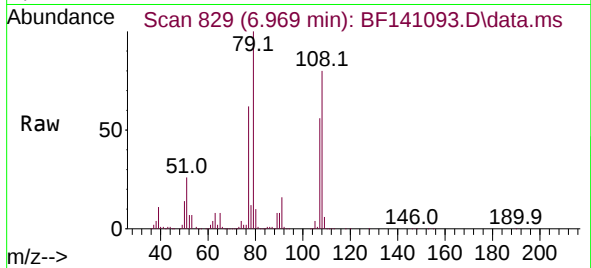




#15
Benzyl Alcohol
Concen: 47.383 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

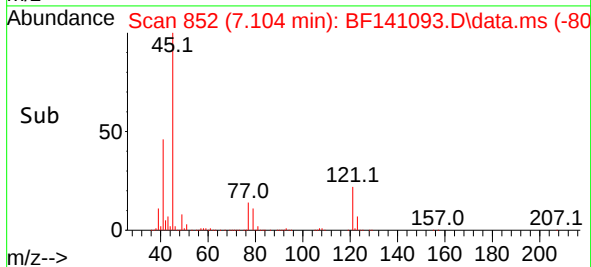
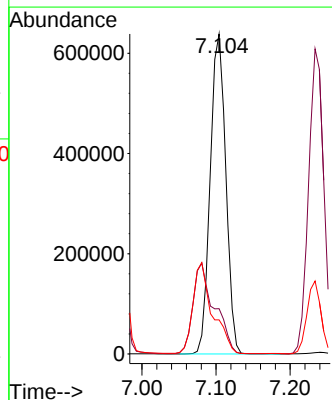
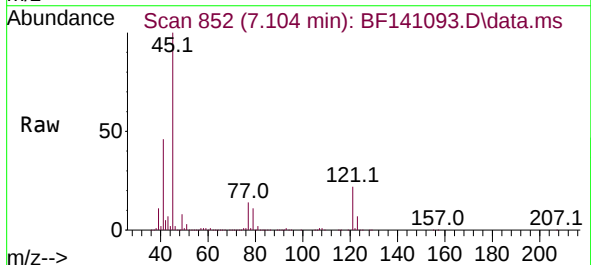
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion: 79 Resp: 580928
Ion Ratio Lower Upper
79 100
108 79.8 62.5 93.7
77 62.0 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.367 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

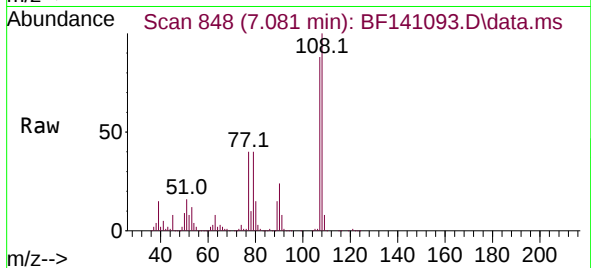
Tgt Ion: 45 Resp: 934229
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 10.6 0.0 30.1



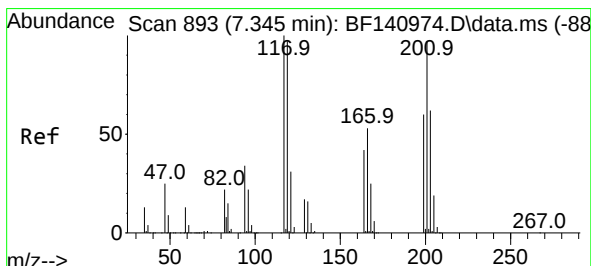
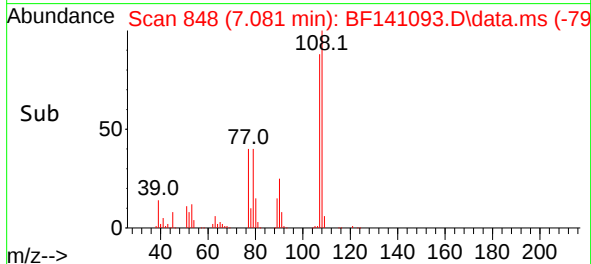
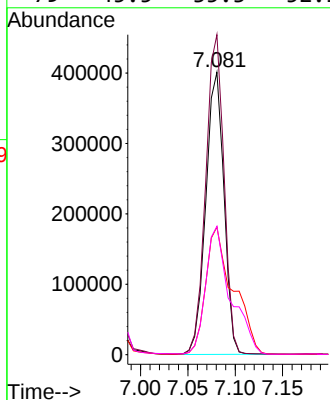


#17
2-Methylphenol
Concen: 46.046 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

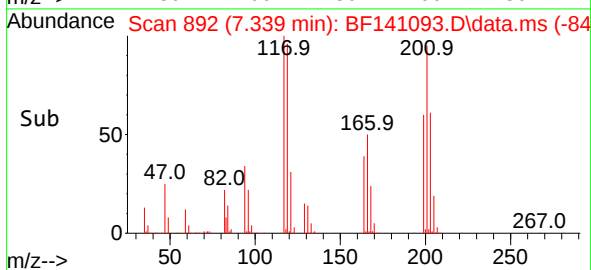
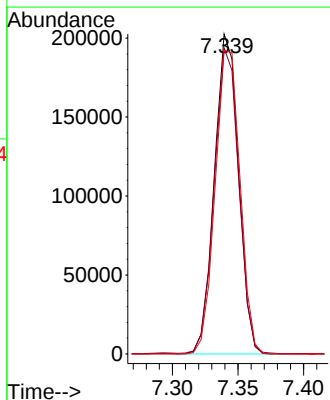
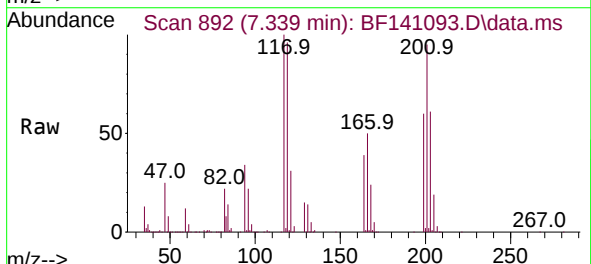


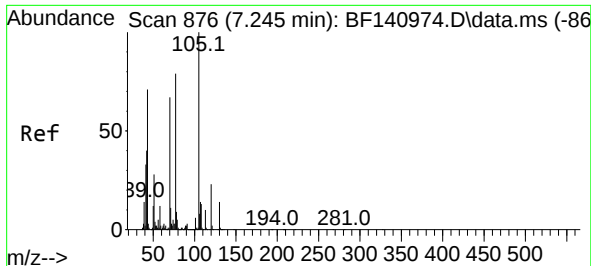
Tgt Ion:	107	Resp:	534157
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.6	136.0
77	45.2	35.3	52.9
79	45.5	35.3	52.9



#18
Hexachloroethane
Concen: 46.959 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:	117	Resp:	259141
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.5	116.3
201	94.9	77.4	116.2

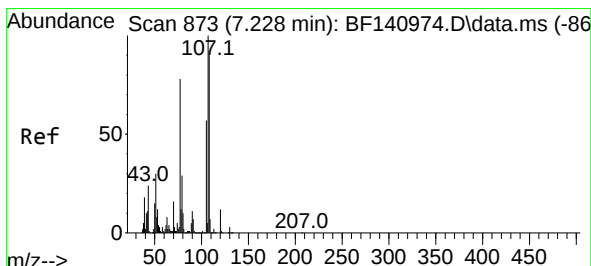
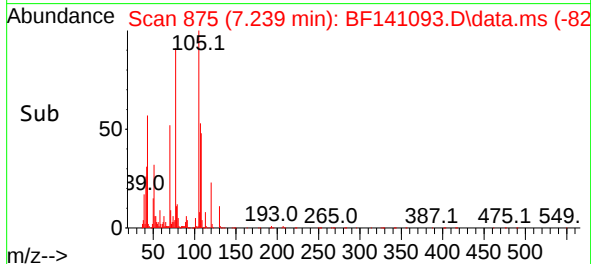
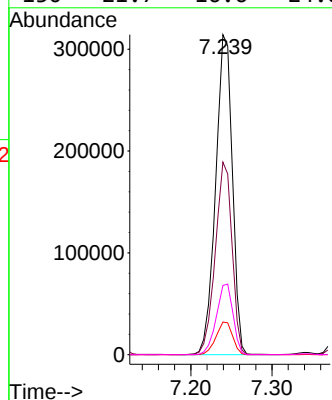
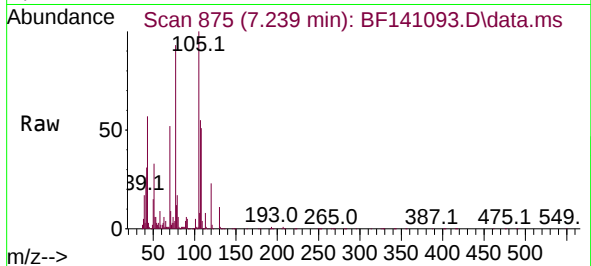




#19
n-Nitroso-di-n-propylamine
Concen: 43.122 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

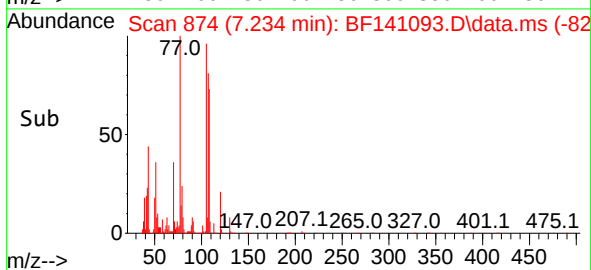
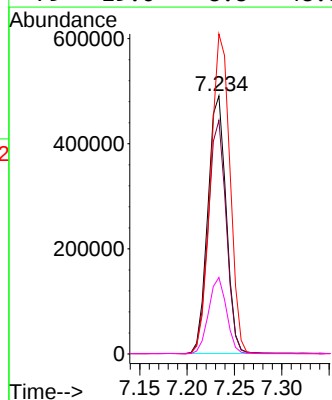
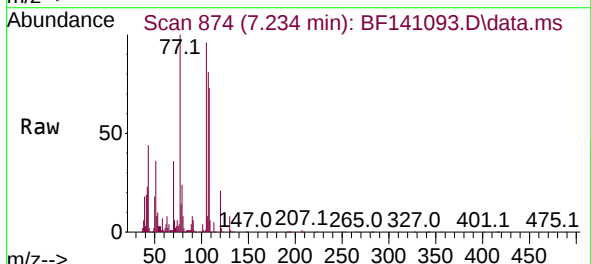
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion: 70 Resp: 450719
Ion Ratio Lower Upper
70 100
42 60.2 48.1 72.1
101 10.2 7.6 11.4
130 21.7 16.6 24.8



#20
3+4-Methylphenols
Concen: 44.669 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:107 Resp: 655748
Ion Ratio Lower Upper
107 100
108 90.5 69.6 109.6
77 124.0 57.6 97.6#
79 29.6 8.8 48.8

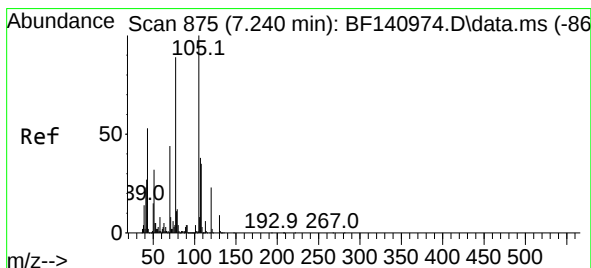
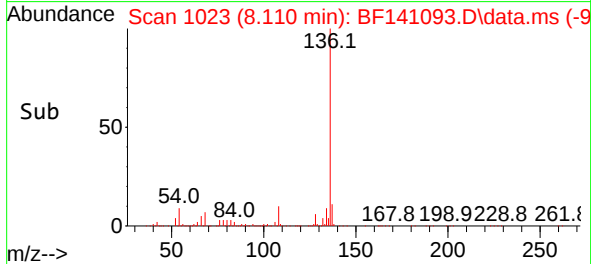
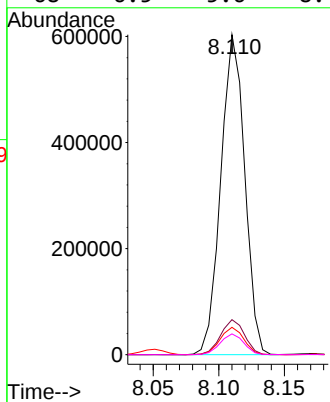
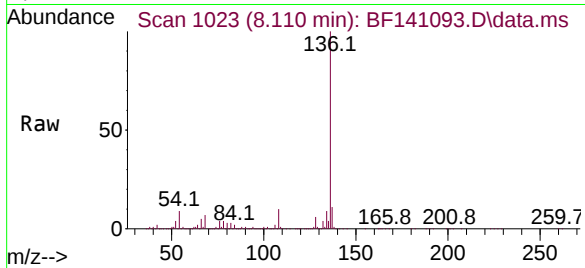




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

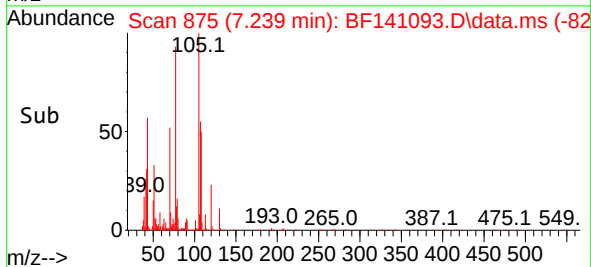
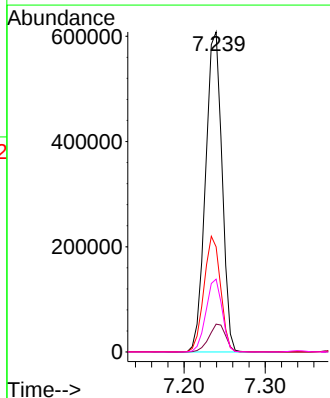
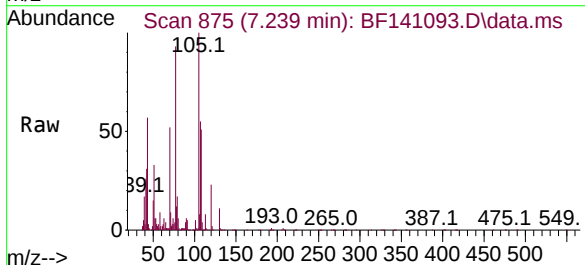
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

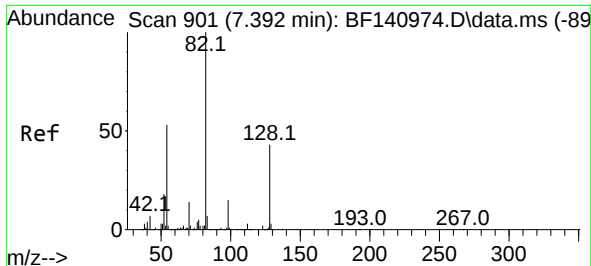
Tgt Ion:	136	Resp:	765882
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	8.6	7.6	11.4
68	6.5	5.6	8.4



#22
Acetophenone
Concen: 45.540 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:	105	Resp:	855608
Ion Ratio	Lower	Upper	
105	100		
71	8.7	6.1	9.1
51	32.9	25.8	38.6
120	22.8	18.1	27.1





#23

Nitrobenzene-d5

Concen: 73.331 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

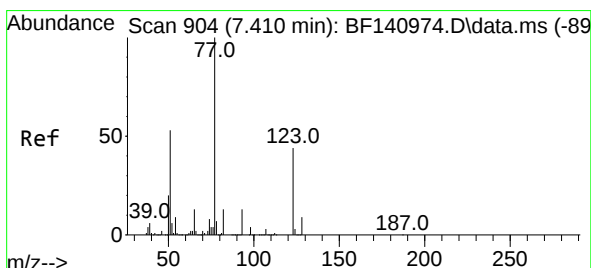
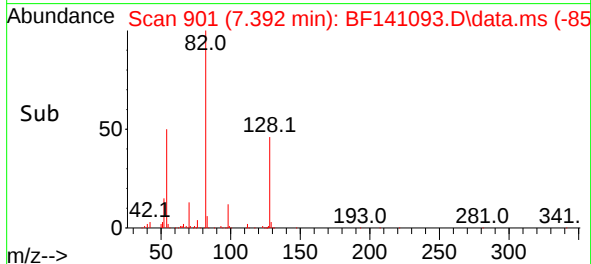
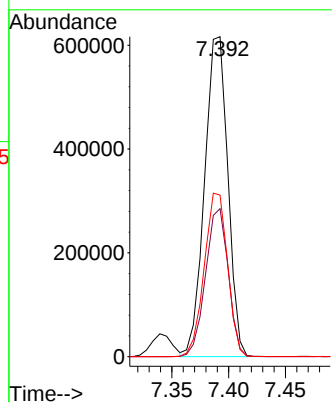
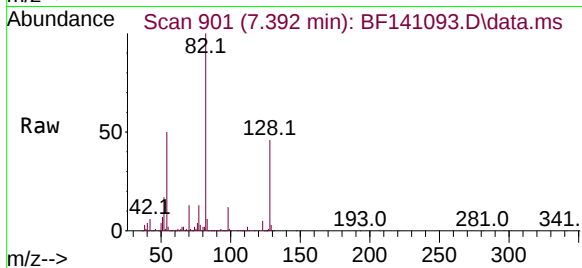
Tgt Ion: 82 Resp: 877844

Ion Ratio Lower Upper

82 100

128 46.3 34.4 51.6

54 50.5 42.4 63.6



#24

Nitrobenzene

Concen: 51.972 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

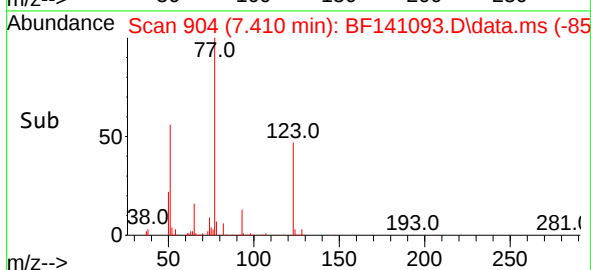
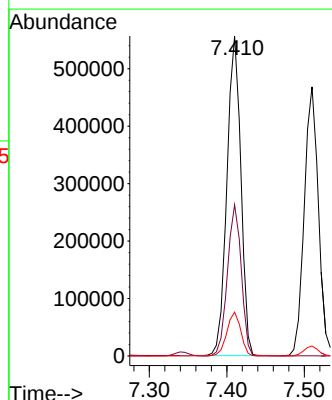
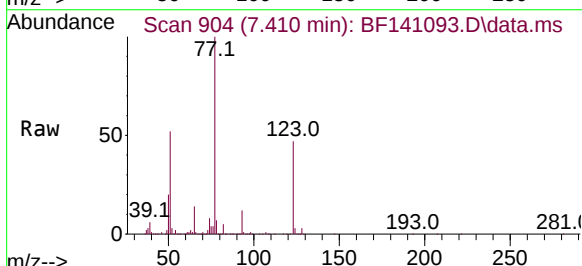
Tgt Ion: 77 Resp: 695198

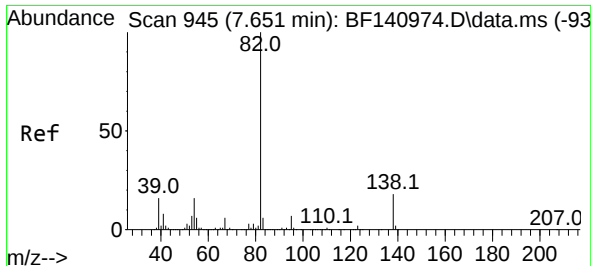
Ion Ratio Lower Upper

77 100

123 47.3 35.4 53.2

65 13.7 10.7 16.1

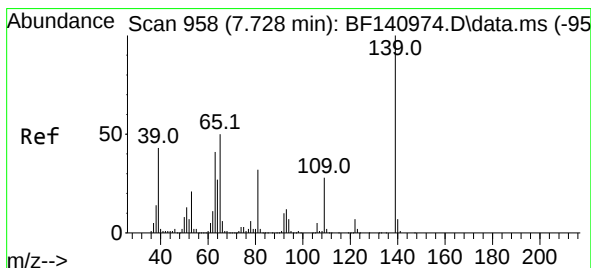
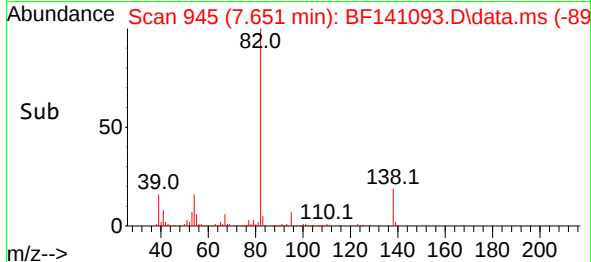
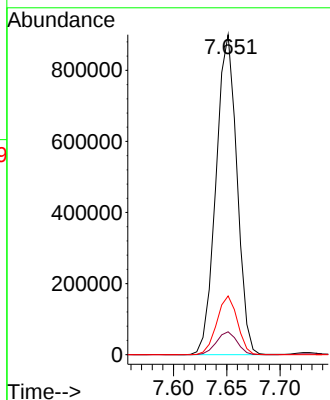
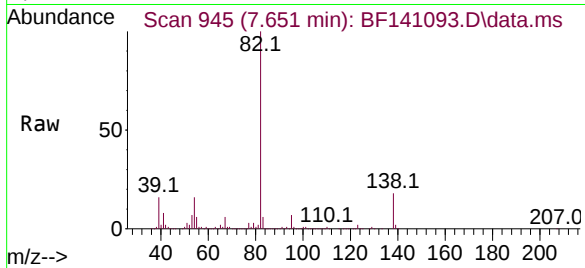




#25
Isophorone
Concen: 47.094 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

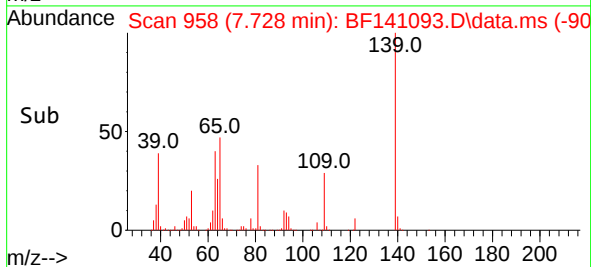
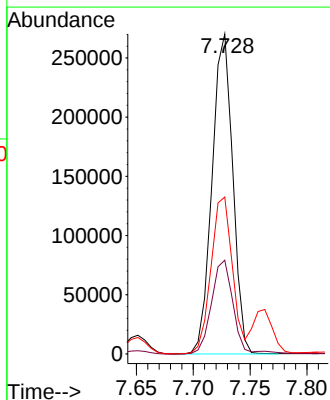
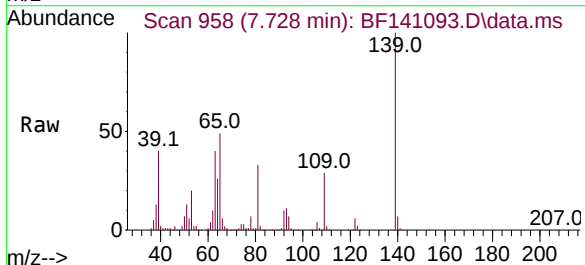
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion: 82 Resp: 1226789
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 61.015 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:139 Resp: 343328
Ion Ratio Lower Upper
139 100
109 29.3 22.2 33.4
65 49.1 40.2 60.4

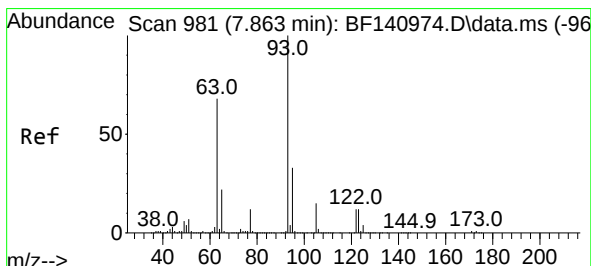
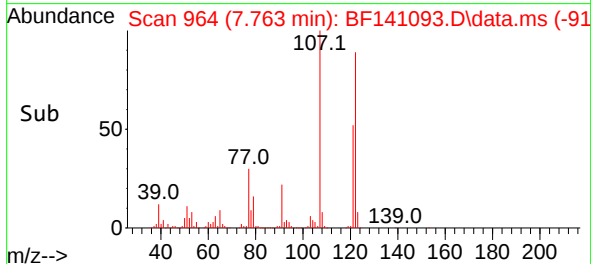
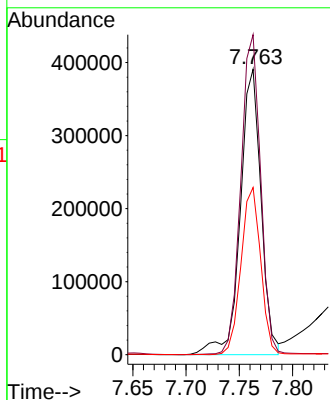
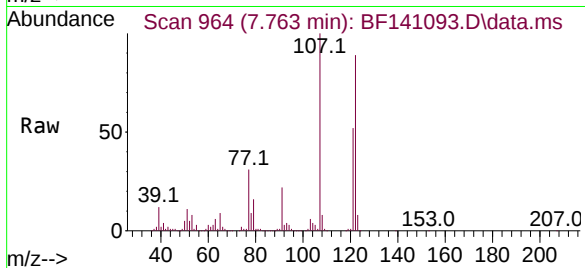




#27
2,4-Dimethylphenol
Concen: 55.941 ng
RT: 7.763 min Scan# 963
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

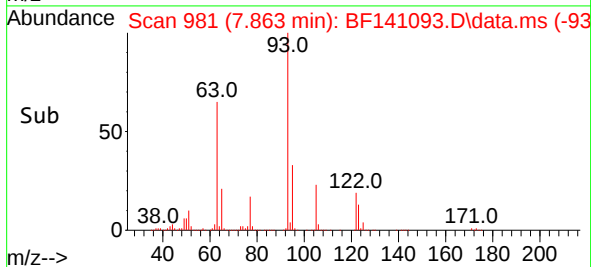
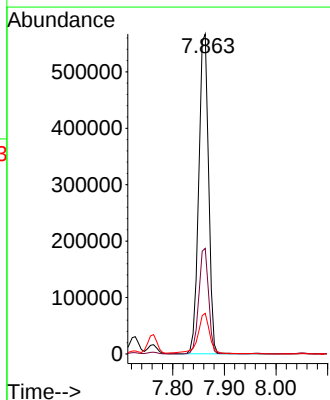
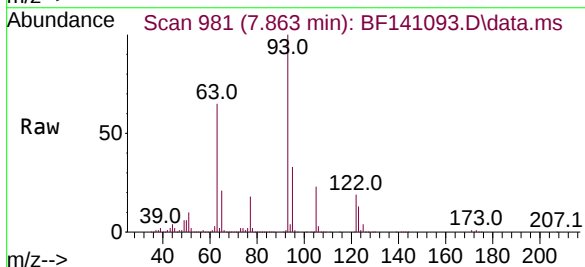
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion:122 Resp: 532575
Ion Ratio Lower Upper
122 100
107 112.1 89.4 134.2
121 58.6 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.328 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion: 93 Resp: 748114
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 48.991 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141093.D

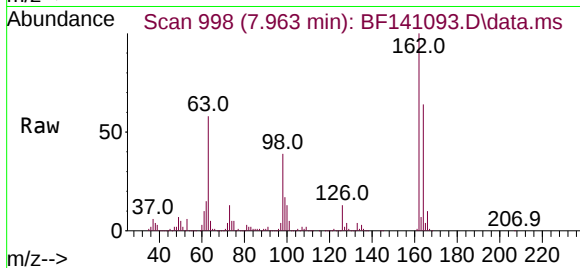
Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

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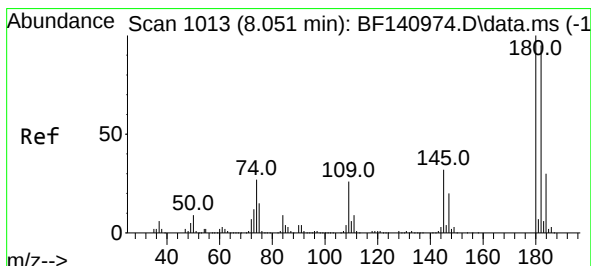
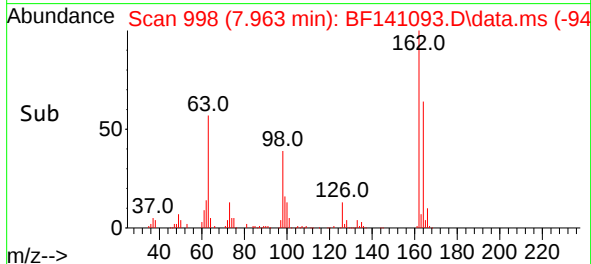
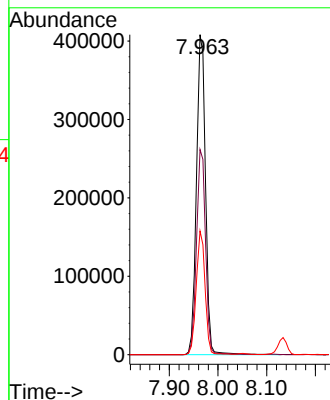
Tgt Ion:162 Resp: 528976

Ion Ratio Lower Upper

162 100

164 64.1 44.8 84.8

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.773 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

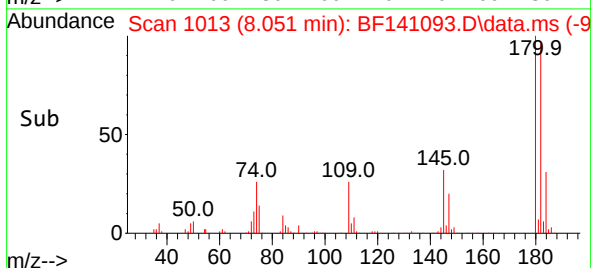
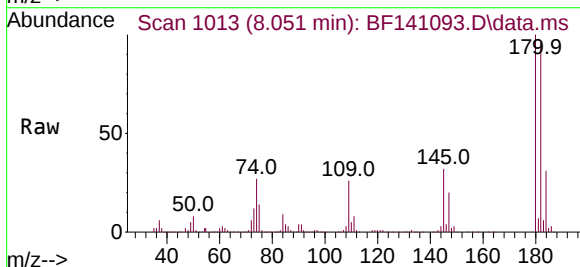
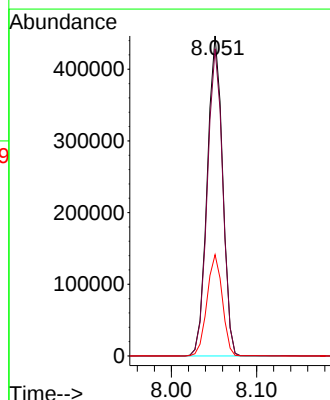
Tgt Ion:180 Resp: 559389

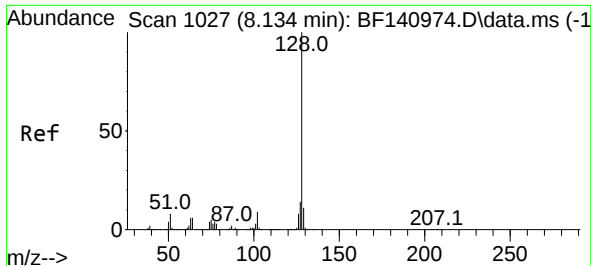
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

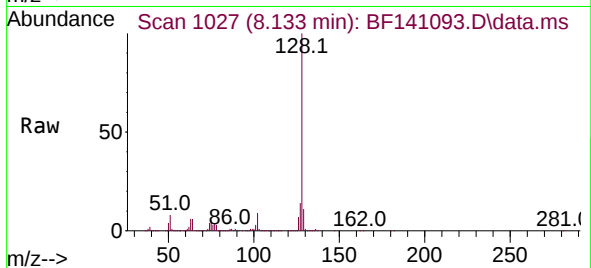
145 31.6 25.4 38.2





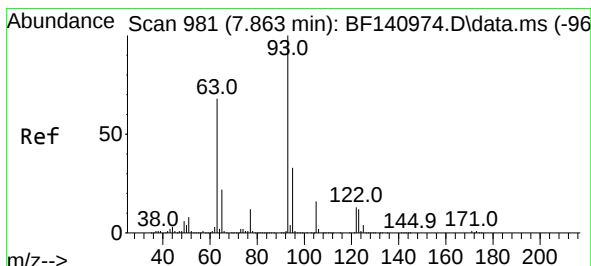
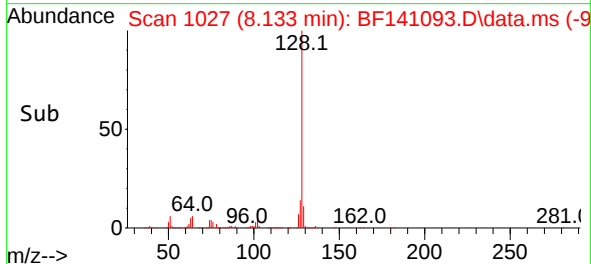
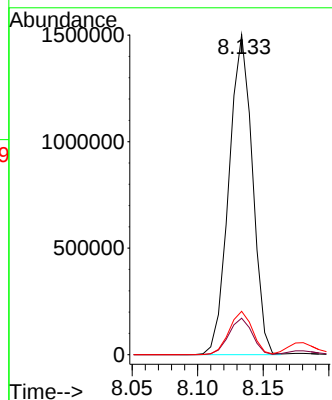
#31
Naphthalene
Concen: 46.354 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS



Tgt Ion:128 Resp: 1870733

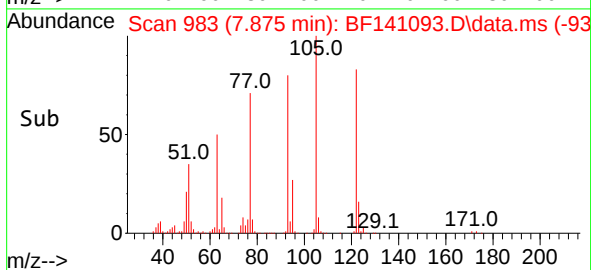
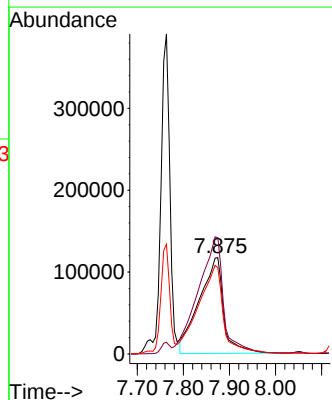
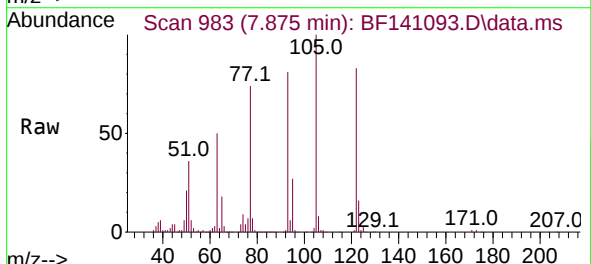
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.6	11.0	16.4

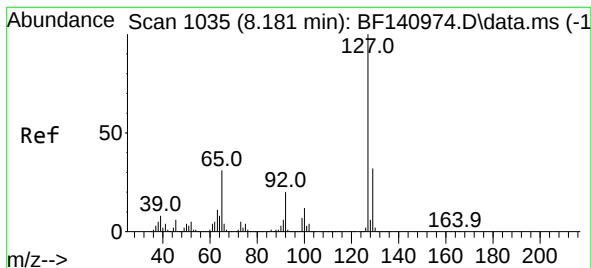


#32
Benzoic acid
Concen: 54.212 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:122 Resp: 434025

Ion	Ratio	Lower	Upper
122	100		
105	120.9	105.4	145.4
77	89.6	76.4	116.4





#33

4-Chloroaniline

Concen: 6.084 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

Tgt Ion:127 Resp: 88830

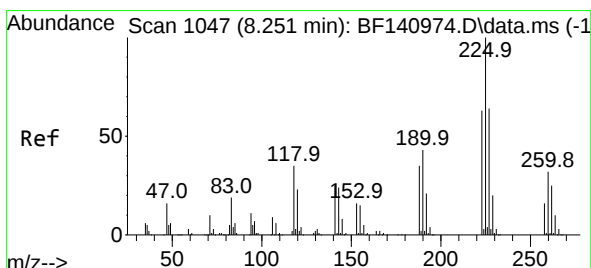
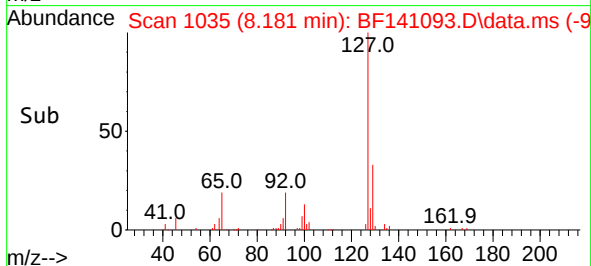
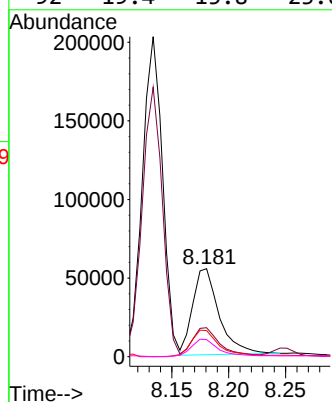
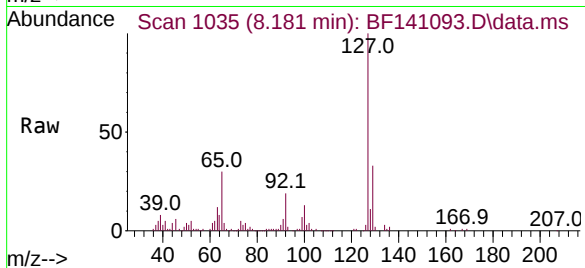
Ion Ratio Lower Upper

127 100

129 32.9 26.1 39.1

65 29.6 24.6 37.0

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 47.417 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

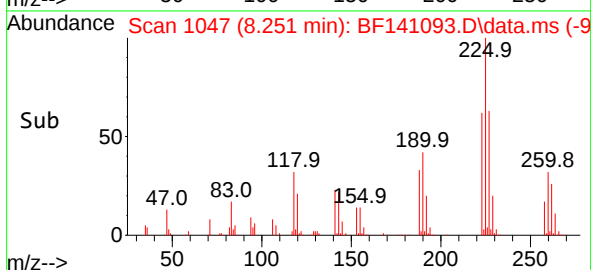
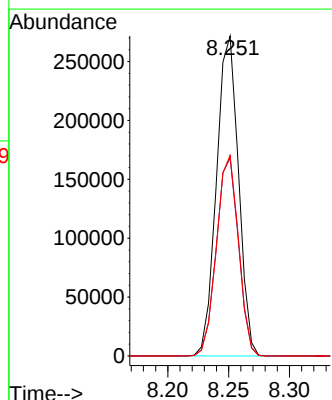
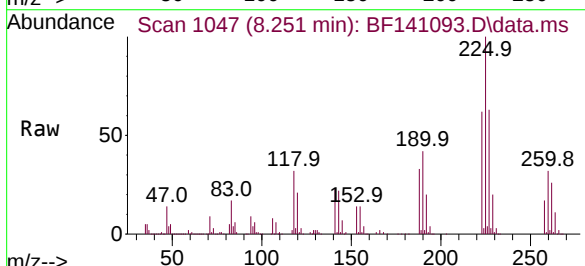
Tgt Ion:225 Resp: 341623

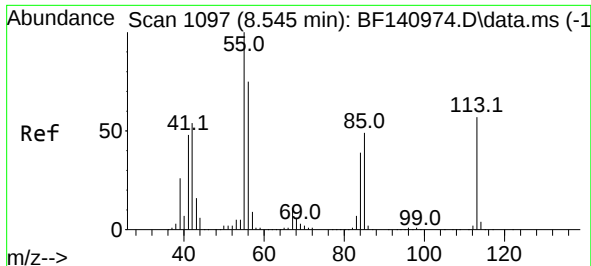
Ion Ratio Lower Upper

225 100

223 61.9 50.3 75.5

227 62.7 50.8 76.2

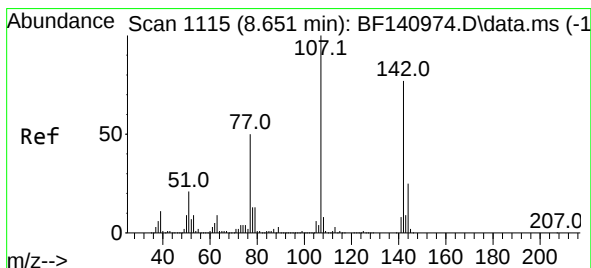
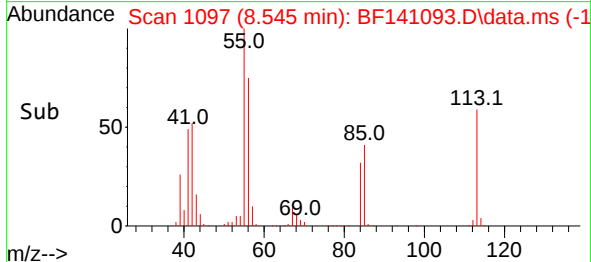
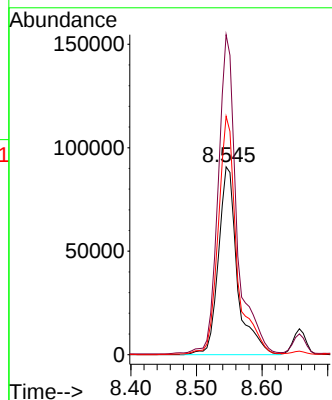
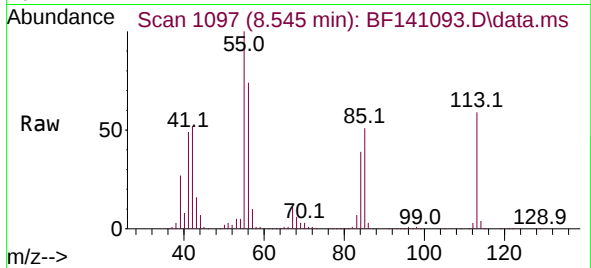




#35
 Caprolactam
 Concen: 49.475 ng
 RT: 8.545 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

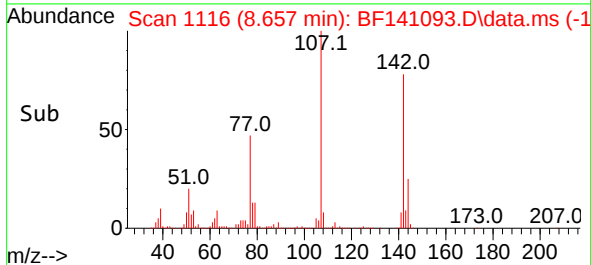
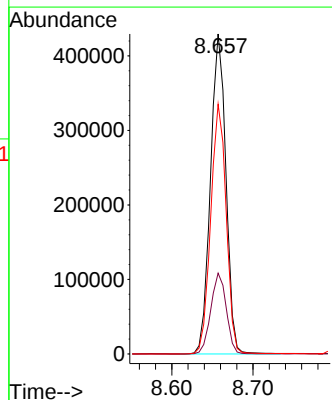
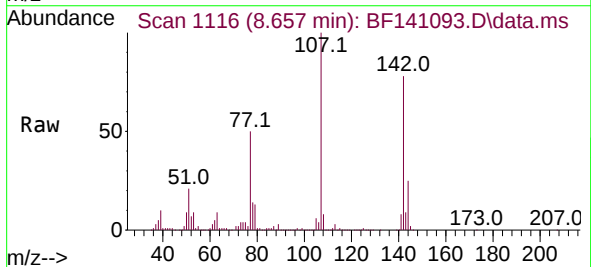
Instrument :
 BNA_F
 ClientSampleId :
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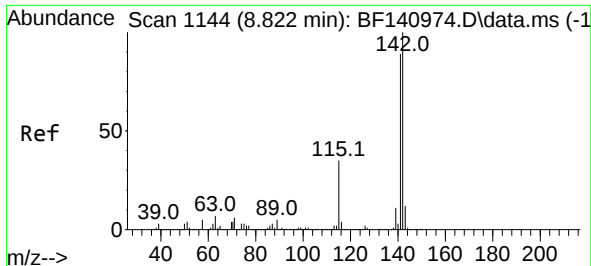
Tgt Ion:113 Resp: 181606
 Ion Ratio Lower Upper
 113 100
 55 170.4 156.6 196.6
 56 126.9 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.279 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

Tgt Ion:107 Resp: 566937
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 78.0 61.8 92.8

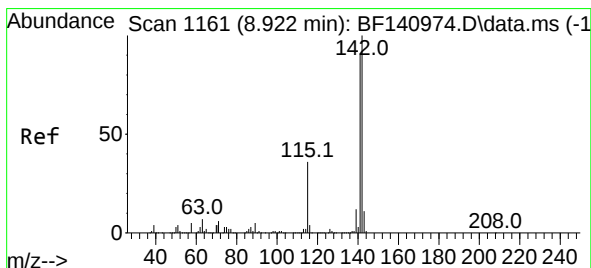
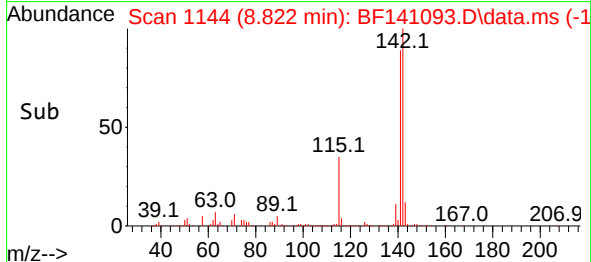
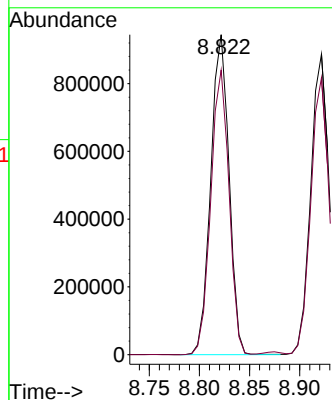
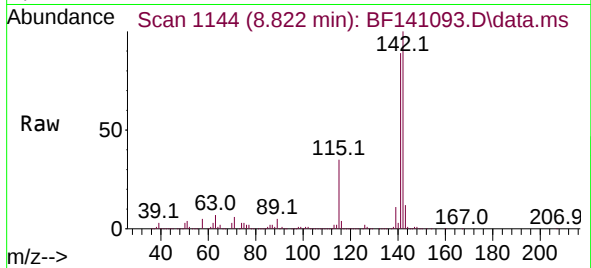




#37
2-Methylnaphthalene
Concen: 46.445 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

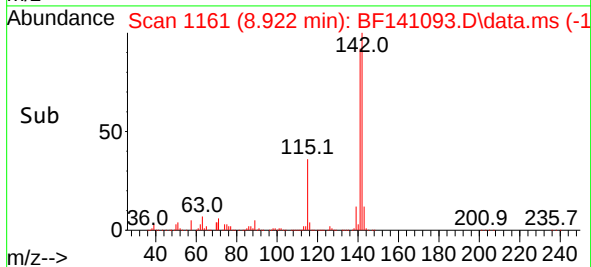
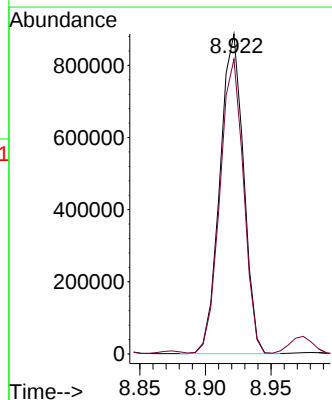
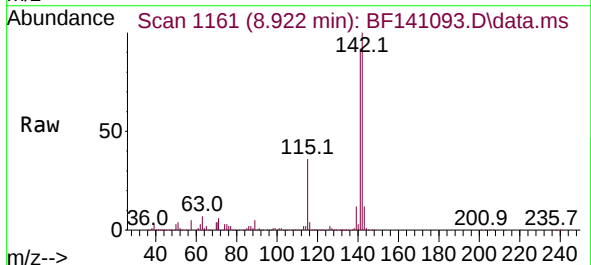
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

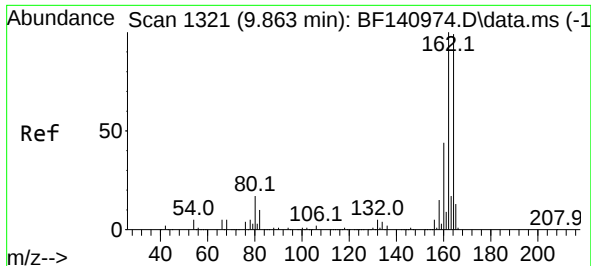
Tgt Ion:142 Resp: 1199107
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#38
1-Methylnaphthalene
Concen: 43.816 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

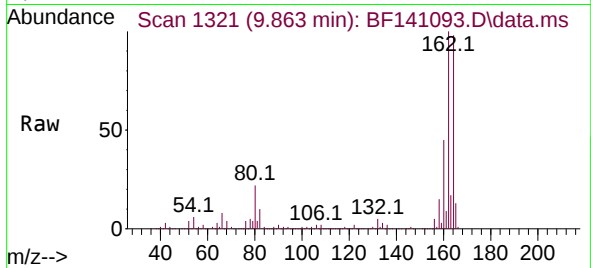
Tgt Ion:142 Resp: 1111768
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1



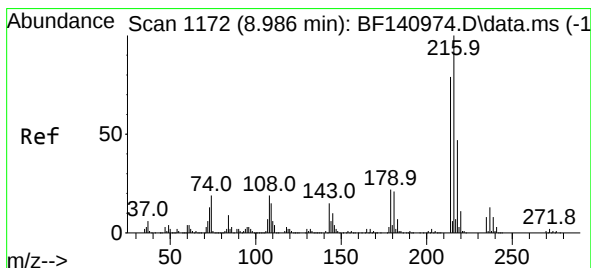
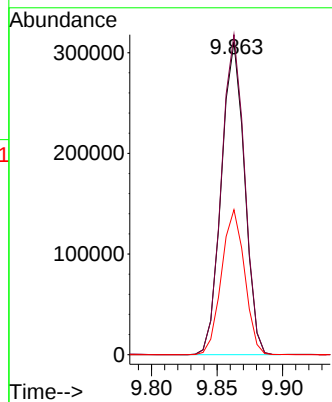
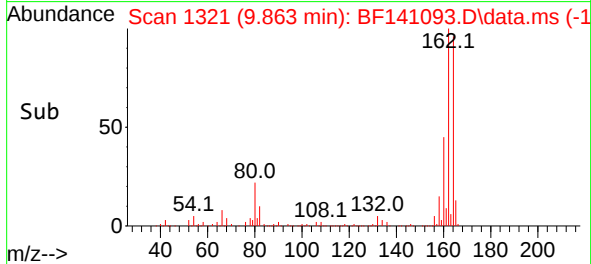


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

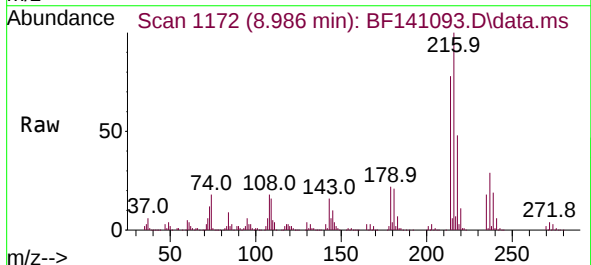
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS



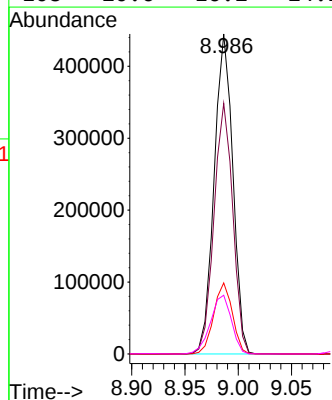
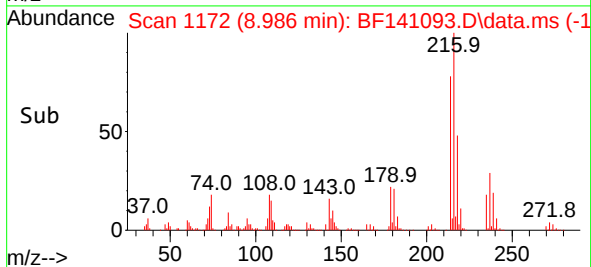
Tgt Ion:164 Resp: 380235
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.4 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.922 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23



Tgt Ion:216 Resp: 543142
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 22.1 17.9 26.9
108 20.6 16.2 24.2

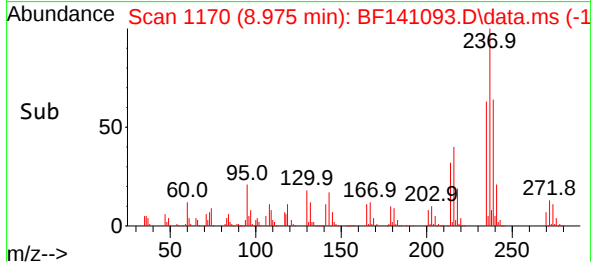
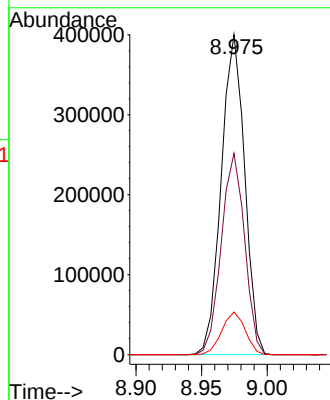
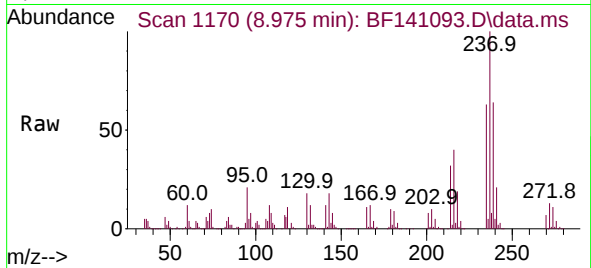




#41
Hexachlorocyclopentadiene
Concen: 142.979 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

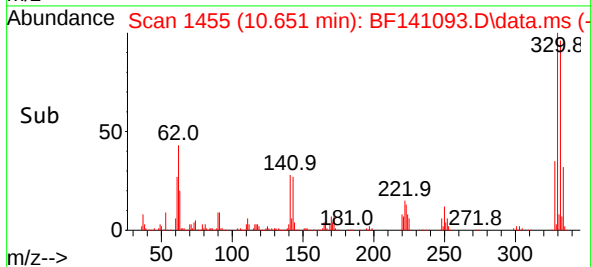
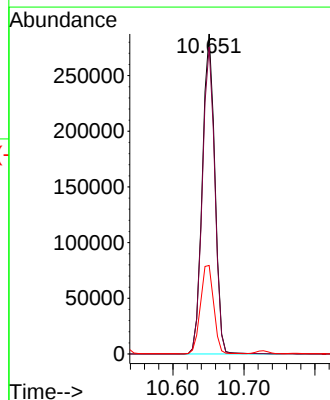
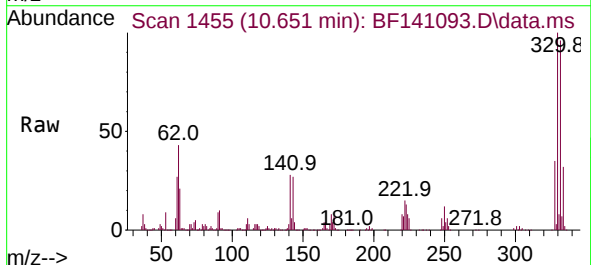
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

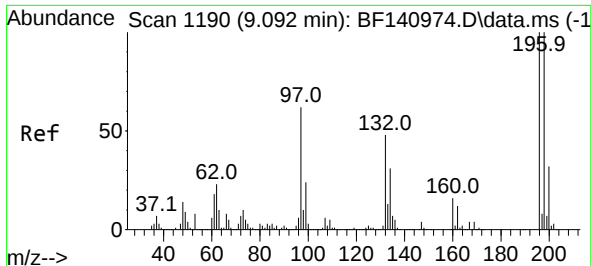
Tgt Ion:237 Resp: 495647
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 95.168 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:330 Resp: 351625
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.3 26.4 39.6

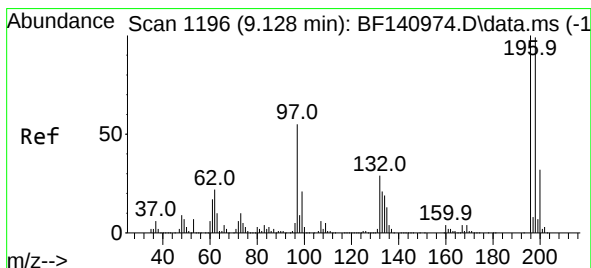
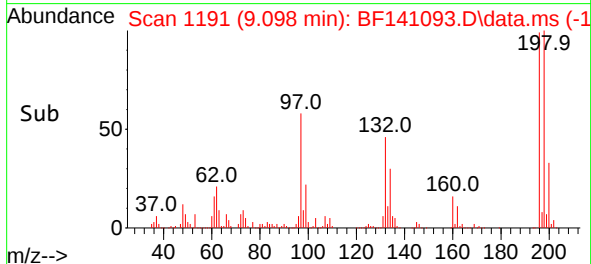
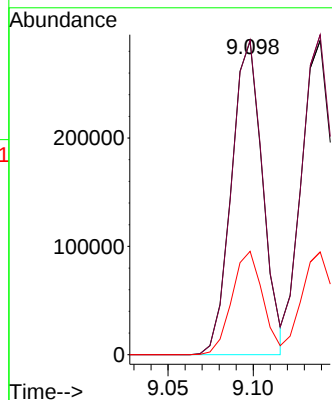
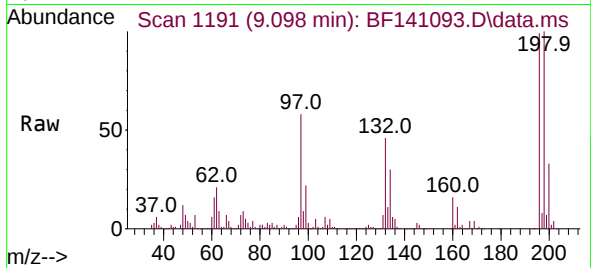




#43
2,4,6-Trichlorophenol
Concen: 52.899 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

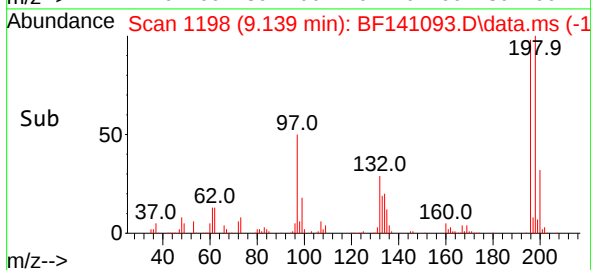
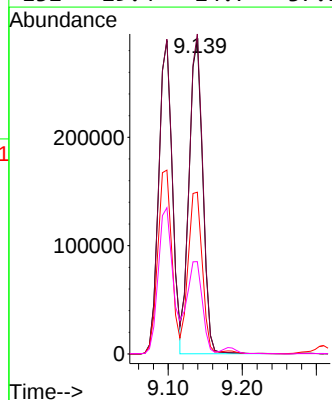
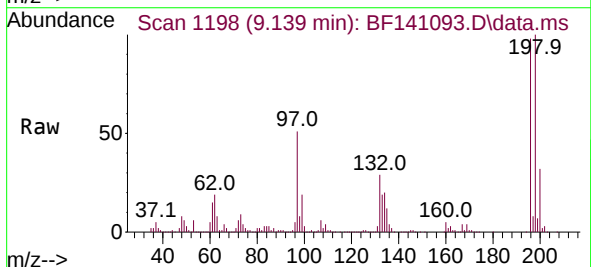
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion:196 Resp: 368289
Ion Ratio Lower Upper
196 100
198 100.5 80.2 120.4
200 33.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 52.565 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:196 Resp: 374452
Ion Ratio Lower Upper
196 100
198 101.9 79.9 119.9
97 51.5 44.3 66.5
132 29.4 24.7 37.1

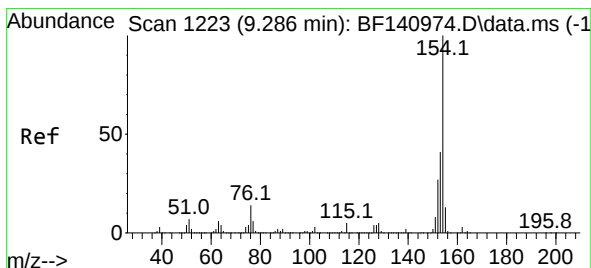
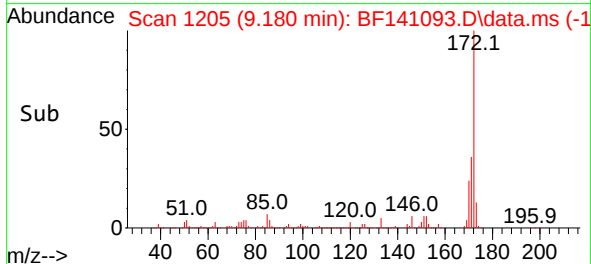
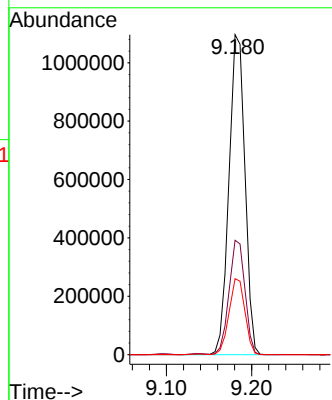
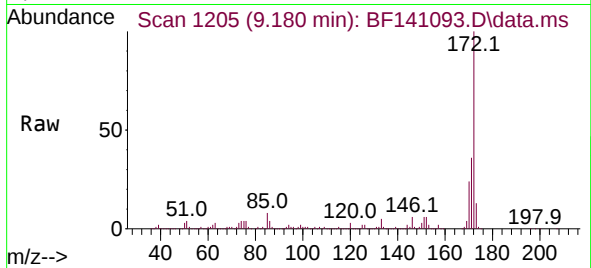




#45
2-Fluorobiphenyl
Concen: 59.904 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

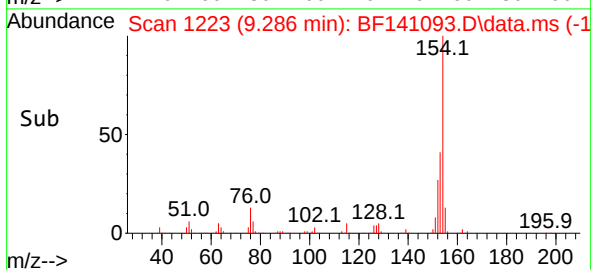
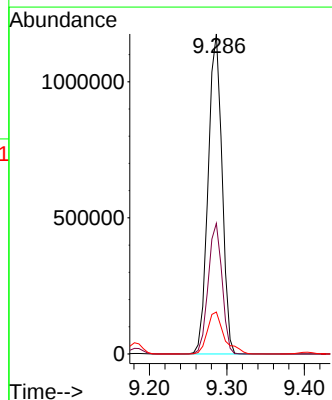
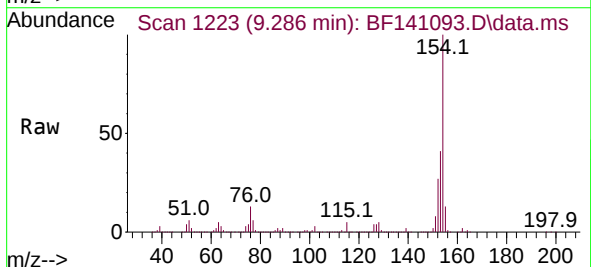
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

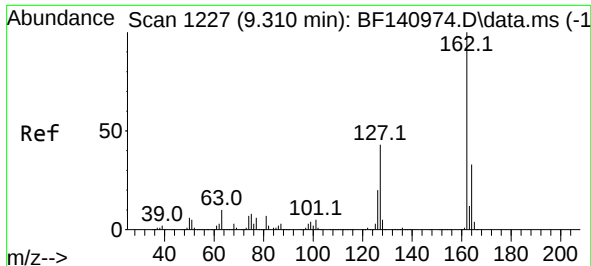
Tgt Ion:172 Resp: 1429646
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 50.129 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:154 Resp: 1459490
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 13.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.843 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

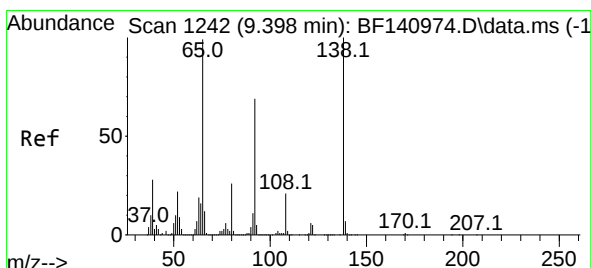
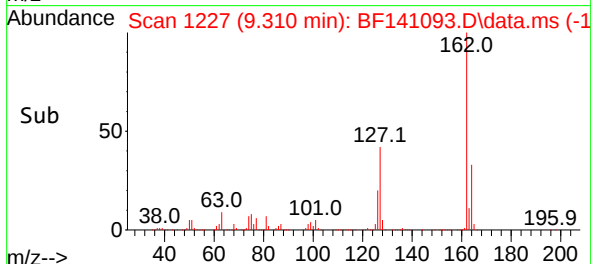
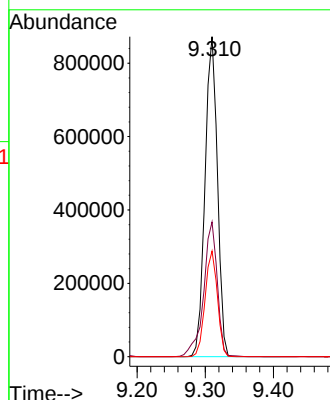
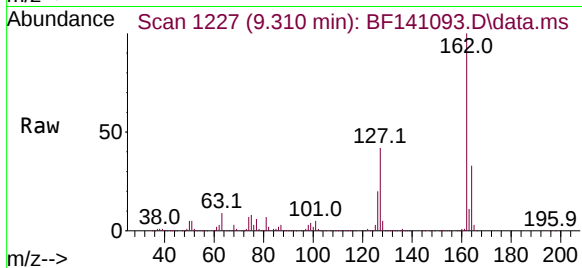
Tgt Ion:162 Resp: 1102877

Ion Ratio Lower Upper

162 100

127 42.1 34.2 51.4

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 56.976 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

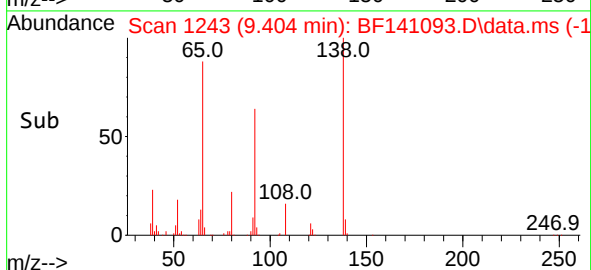
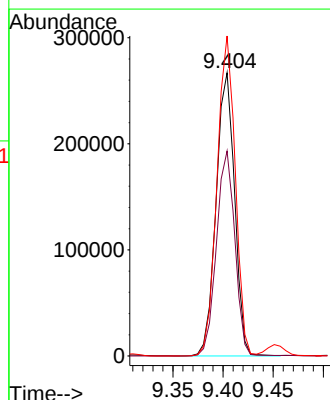
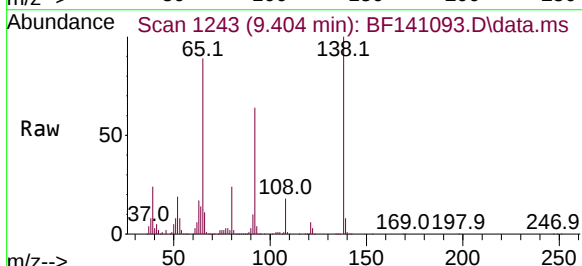
Tgt Ion: 65 Resp: 342247

Ion Ratio Lower Upper

65 100

92 72.4 55.6 83.4

138 113.0 80.5 120.7





#49

Acenaphthylene

Concen: 51.747 ng

RT: 9.727 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

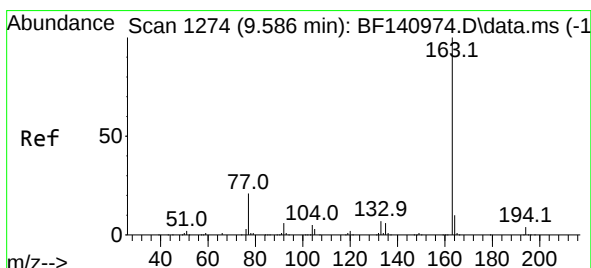
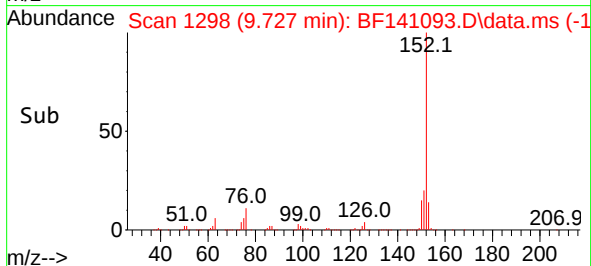
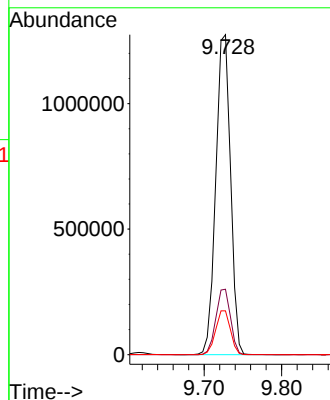
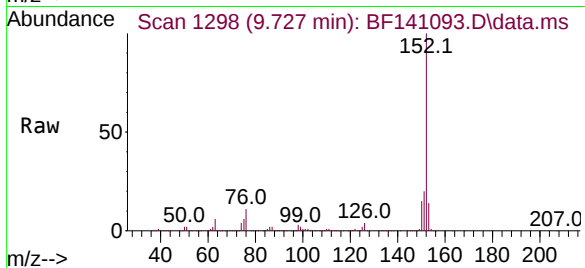
Tgt Ion:152 Resp: 1682038

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.7 11.4 17.0



#50

Dimethylphthalate

Concen: 52.019 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

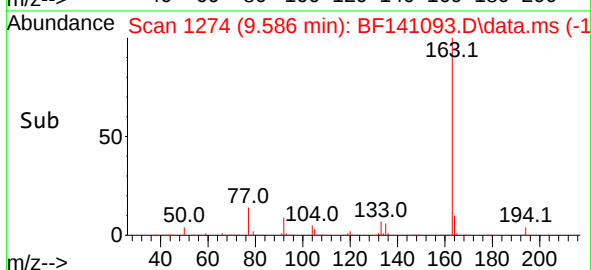
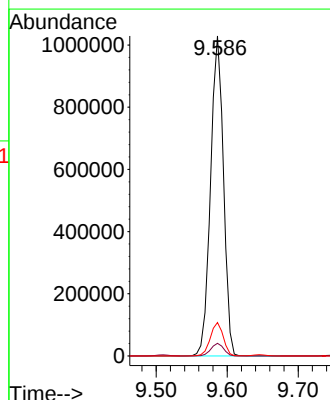
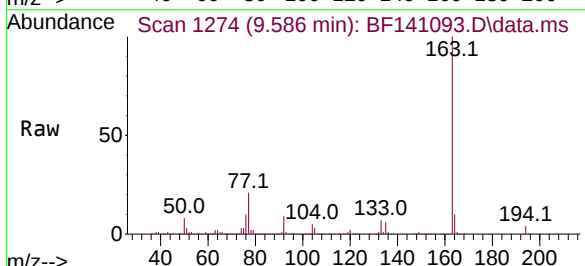
Tgt Ion:163 Resp: 1301023

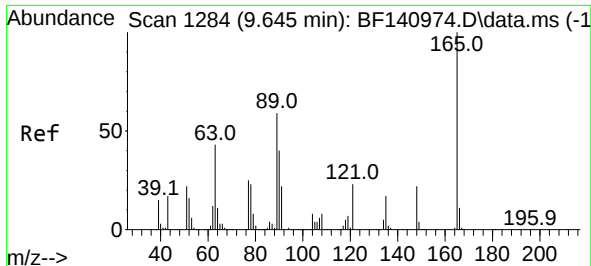
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 54.721 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

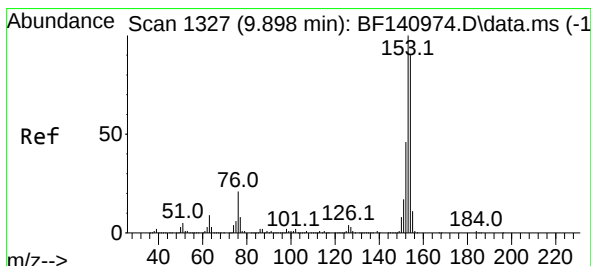
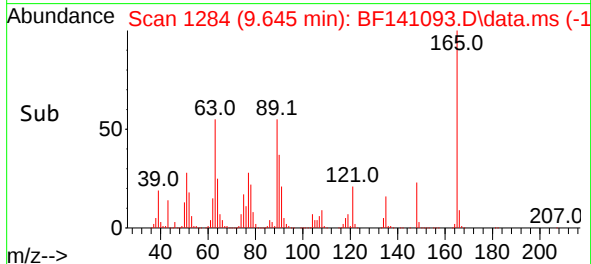
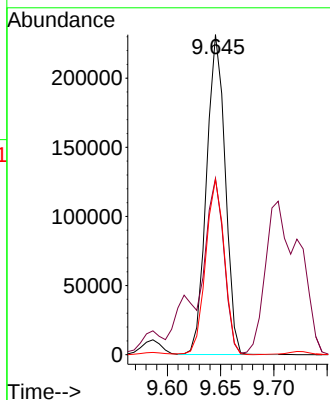
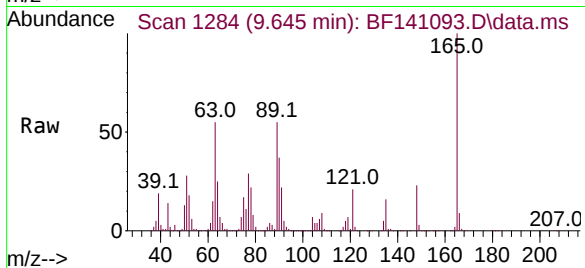
Tgt Ion:165 Resp: 281931

Ion Ratio Lower Upper

165 100

63 55.1 47.1 70.7

89 54.8 47.0 70.4



#52

Acenaphthene

Concen: 53.055 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

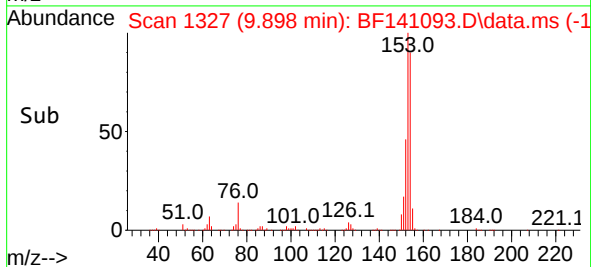
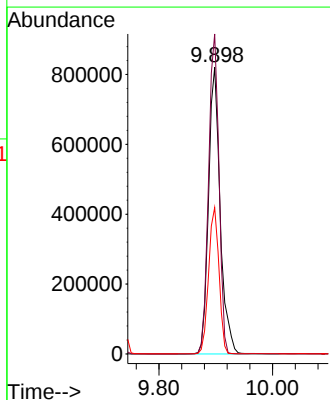
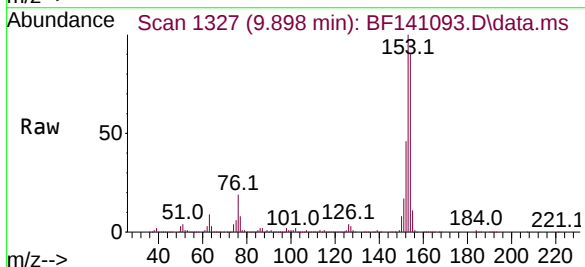
Tgt Ion:154 Resp: 1165897

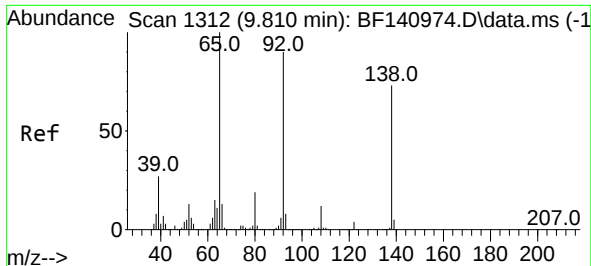
Ion Ratio Lower Upper

154 100

153 111.6 89.2 133.8

152 51.1 40.9 61.3

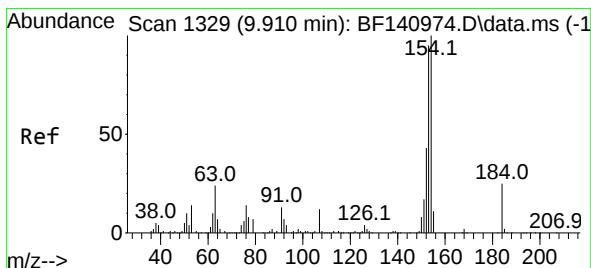
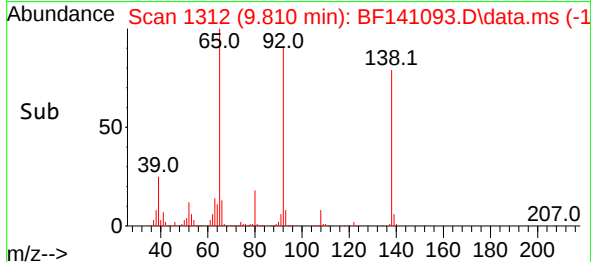
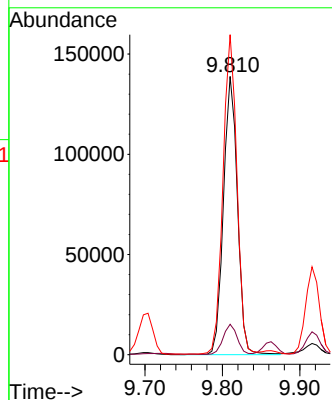
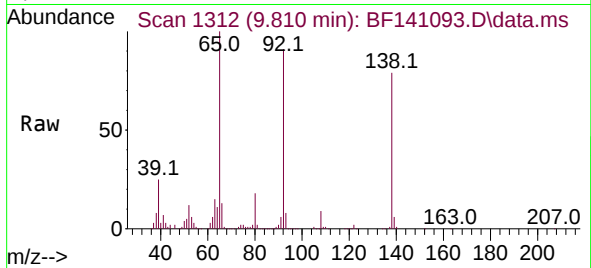




#53
3-Nitroaniline
Concen: 32.507 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

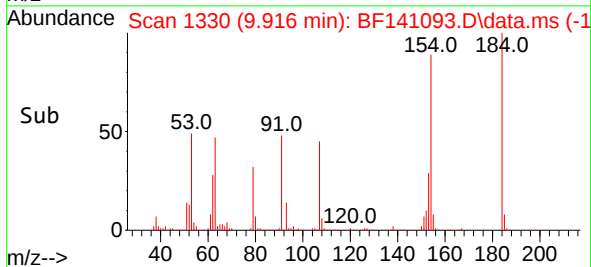
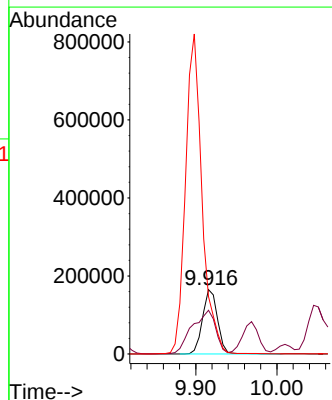
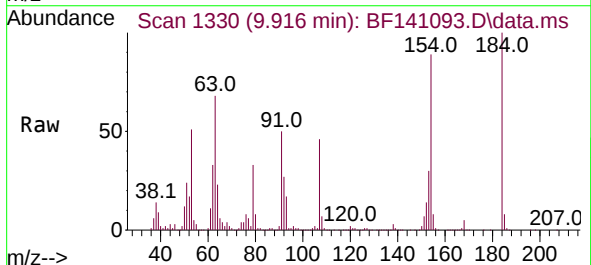
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

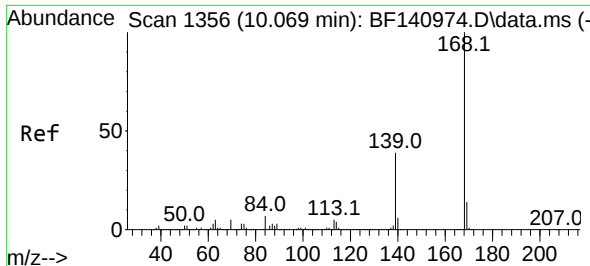
Tgt Ion:138 Resp: 174040
Ion Ratio Lower Upper
138 100
108 10.9 13.5 20.3#
92 115.0 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 95.322 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:184 Resp: 210762
Ion Ratio Lower Upper
184 100
63 67.9 81.6 122.4#
154 89.0 363.5 545.3#

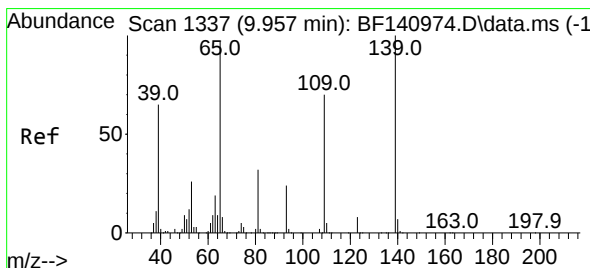
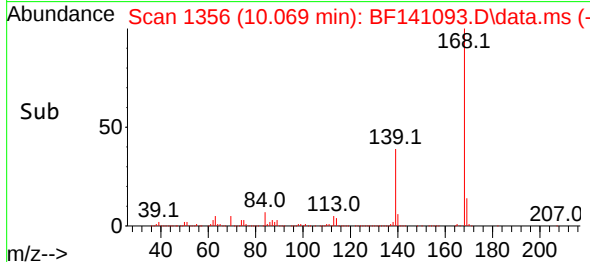
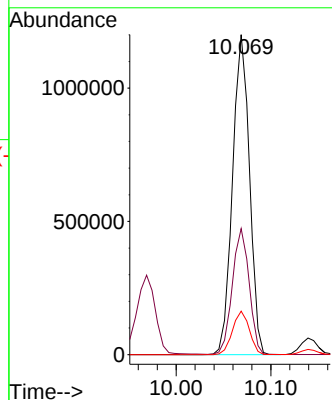
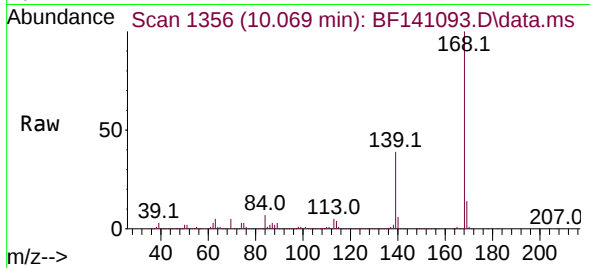




#55
Dibenzenofuran
Concen: 48.279 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

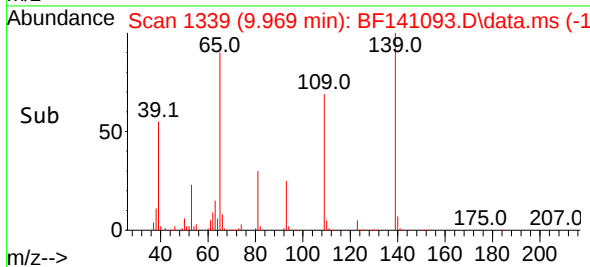
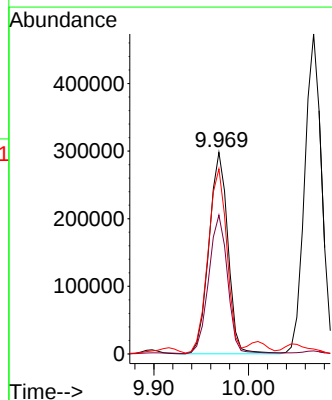
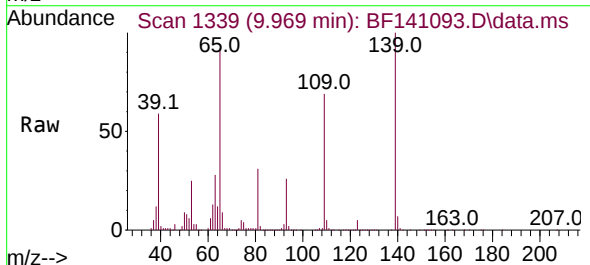
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

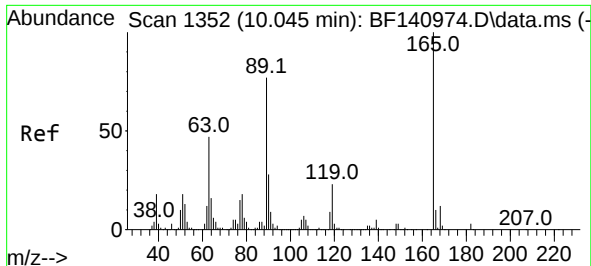
Tgt Ion:168 Resp: 1490984
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 96.699 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:139 Resp: 413702
Ion Ratio Lower Upper
139 100
109 68.9 50.8 90.8
65 91.8 78.5 118.5

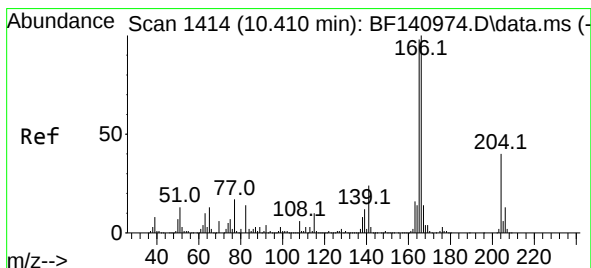
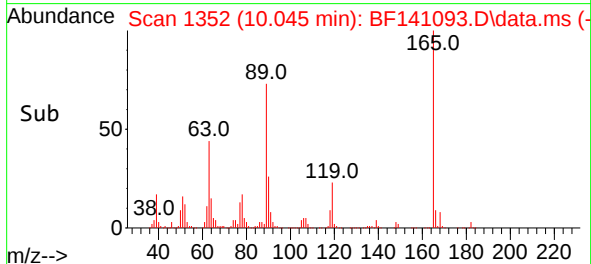
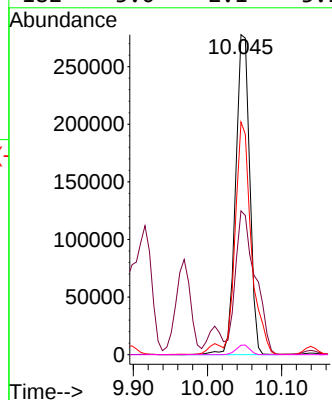
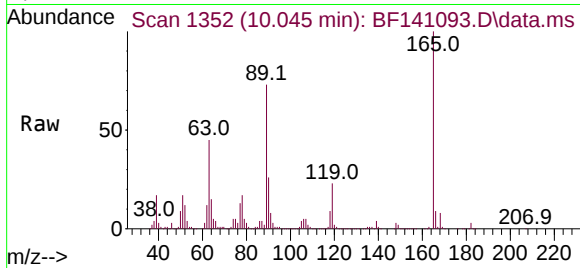




#57
2,4-Dinitrotoluene
Concen: 57.747 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

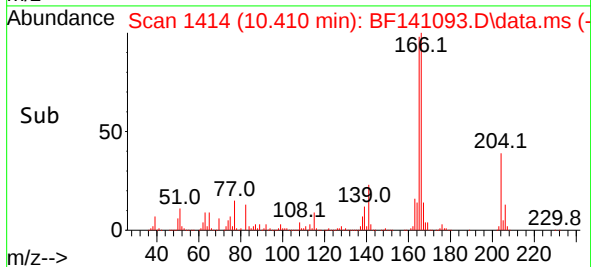
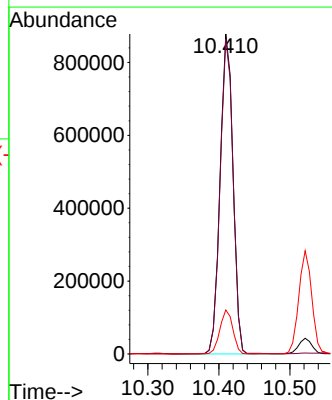
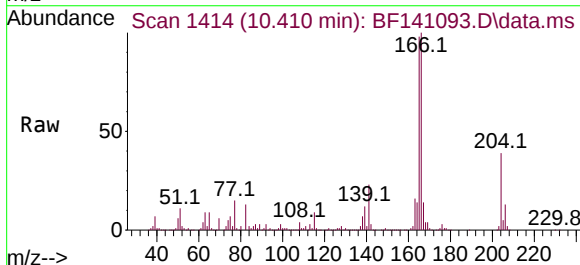
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BNA_F
ClientSampleId :
GREENBROOK-COMPMS

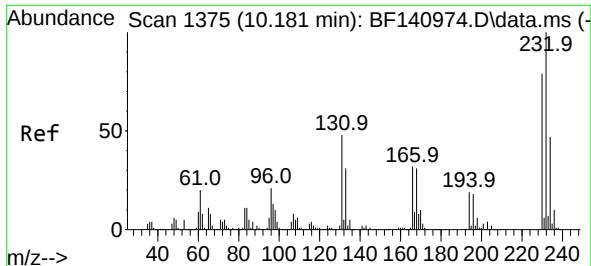
Tgt Ion:165 Resp: 366722
Ion Ratio Lower Upper
165 100
63 45.0 38.1 57.1
89 72.7 61.4 92.2
182 3.0 2.1 3.1



#58
Fluorene
Concen: 46.043 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:166 Resp: 1102638
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.8 10.9 16.3

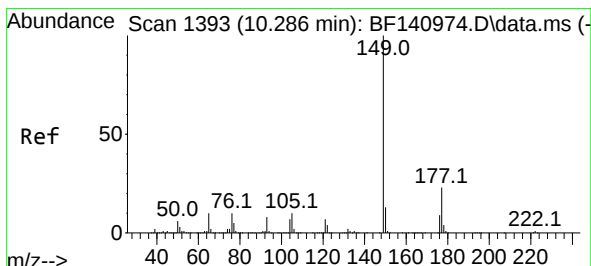
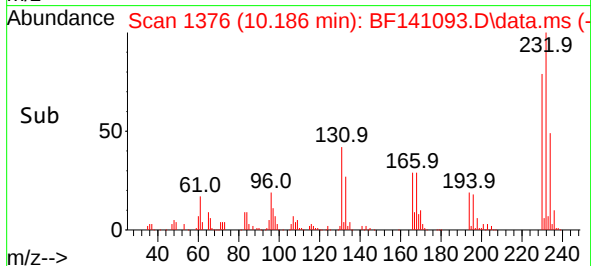
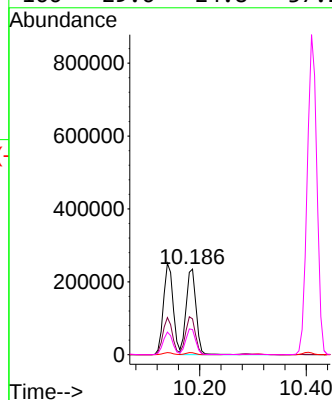
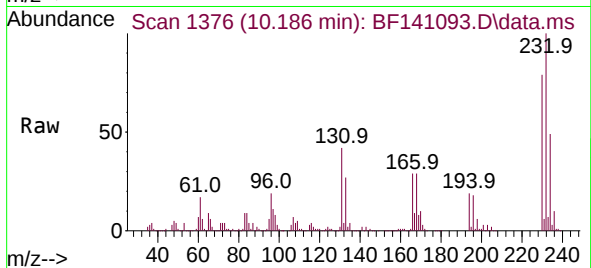




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.251 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

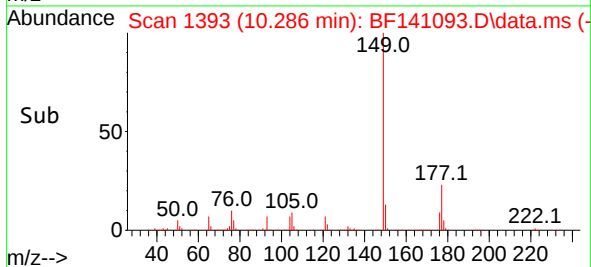
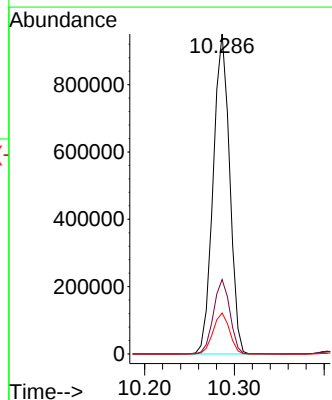
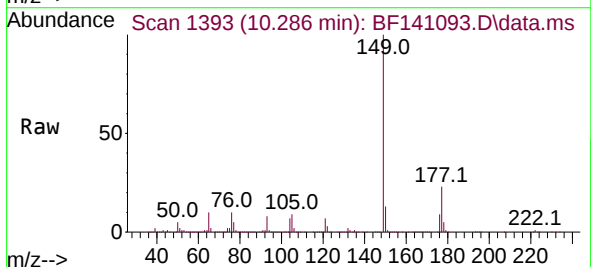
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

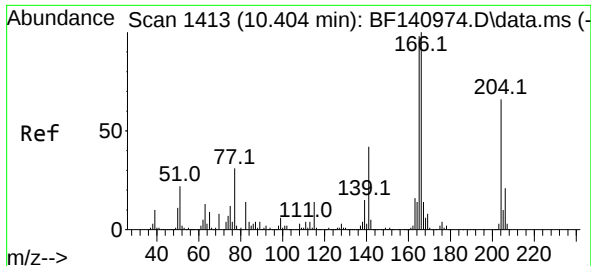
Tgt Ion:232 Resp: 302372
Ion Ratio Lower Upper
232 100
131 43.6 37.4 56.2
130 2.3 1.8 2.8
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 49.008 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:149 Resp: 1210067
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.8 10.4 15.6

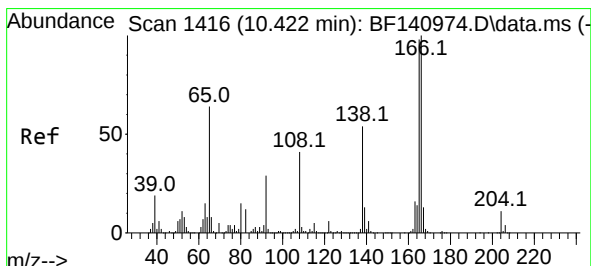
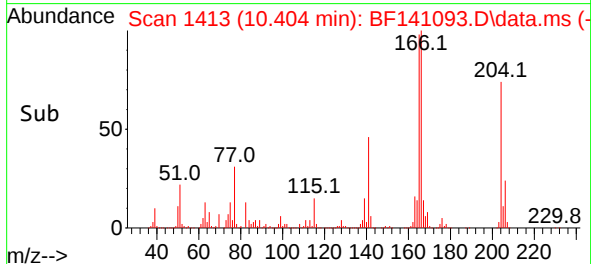
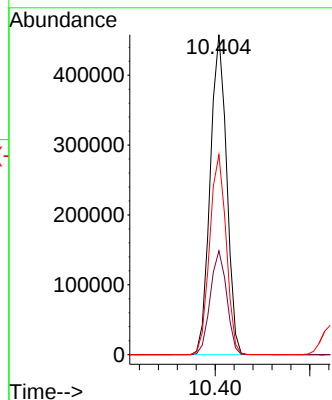
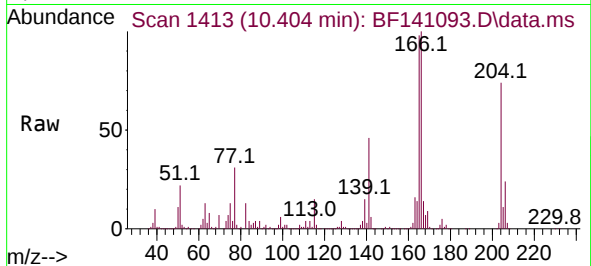




#61
4-Chlorophenyl-phenylether
Concen: 47.714 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

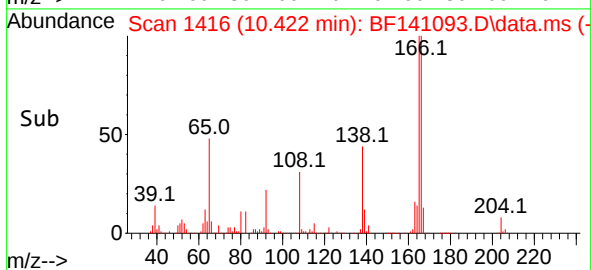
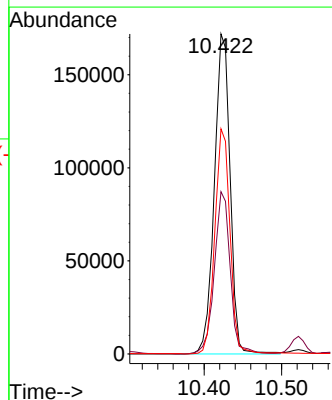
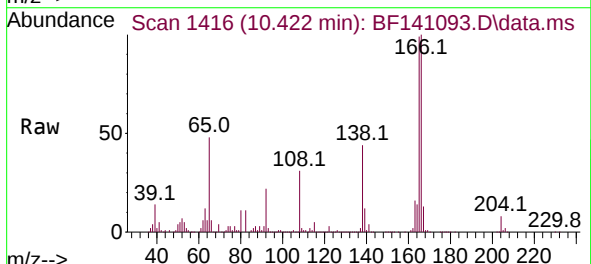
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion:204 Resp: 549823
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 62.5 51.2 76.8



#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:138 Resp: 242690
Ion Ratio Lower Upper
138 100
92 50.7 34.8 74.8
108 70.3 55.9 95.9

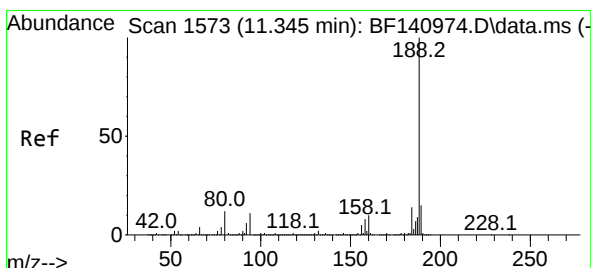
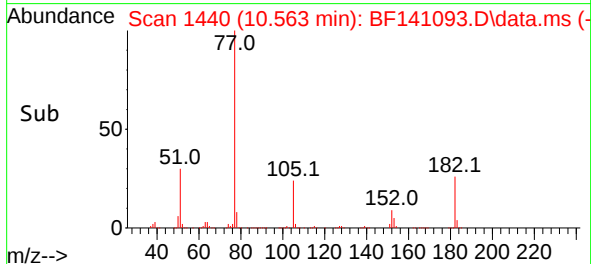
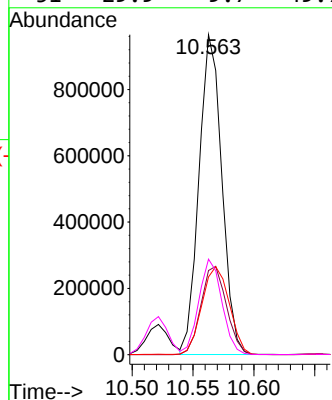
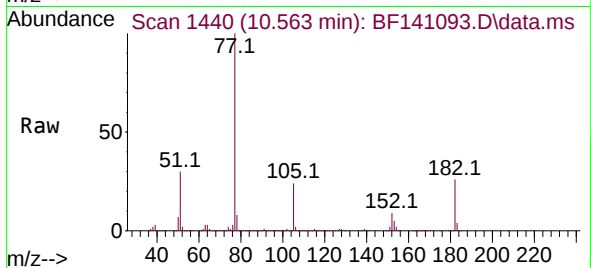




#63
Azobenzene
Concen: 48.633 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

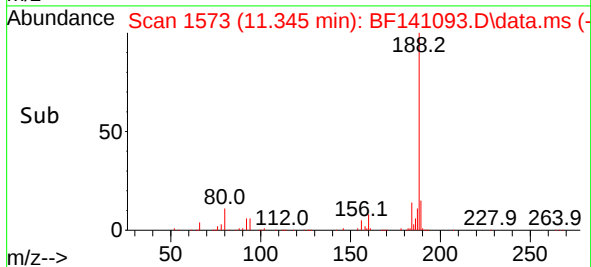
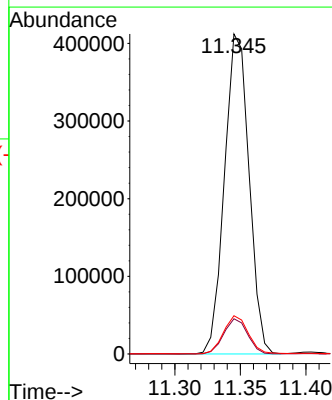
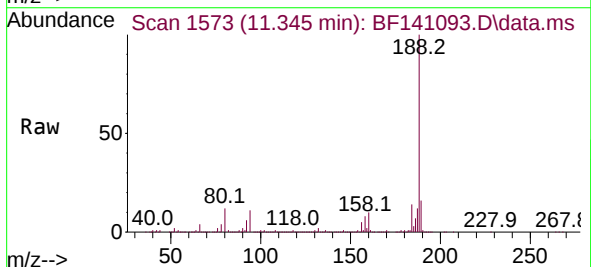
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

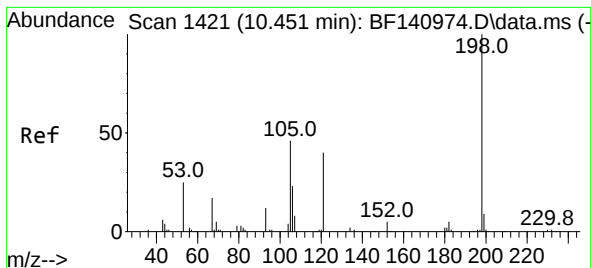
Tgt Ion: 77 Resp: 1260387
Ion Ratio Lower Upper
77 100
182 26.3 4.1 44.1
105 24.3 1.8 41.8
51 29.9 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion: 188 Resp: 536144
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.0 9.8 14.6

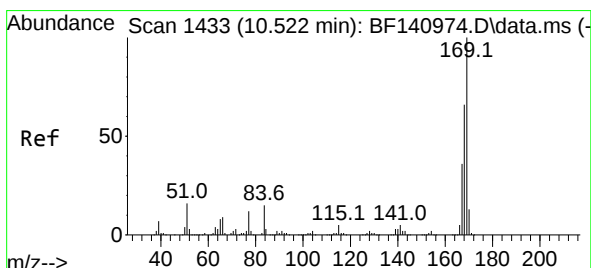
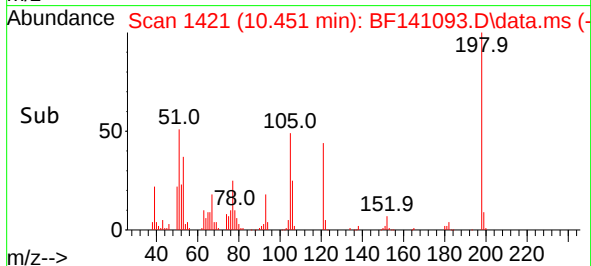
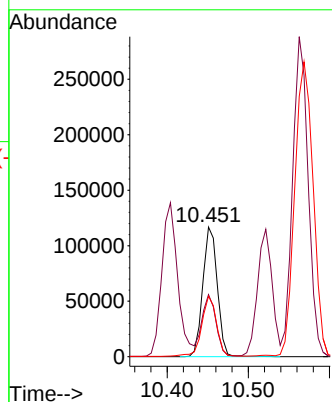
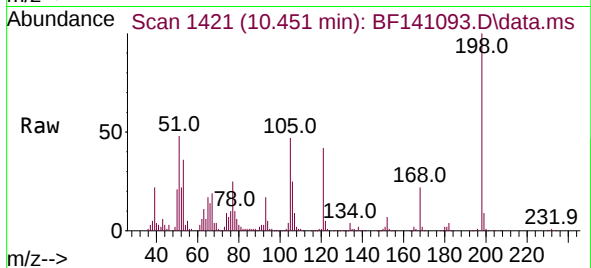




#65
4,6-Dinitro-2-methylphenol
Concen: 63.770 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

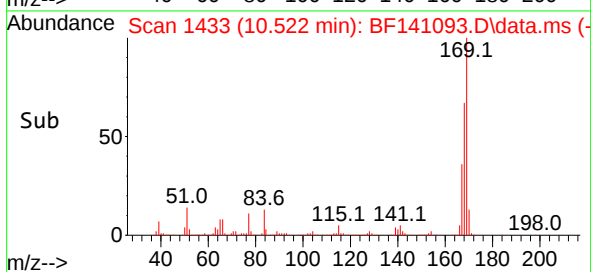
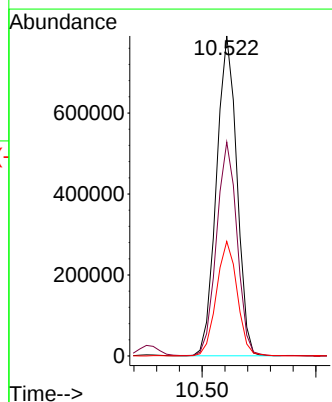
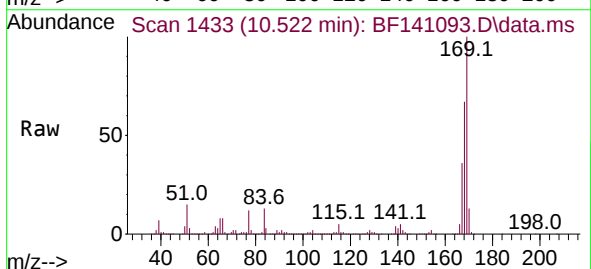
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

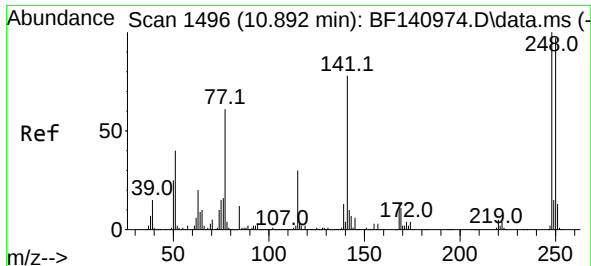
Tgt Ion:198 Resp: 144467
Ion Ratio Lower Upper
198 100
51 48.0 32.3 72.3
105 46.6 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 58.471 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:169 Resp: 987172
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 35.8 29.0 43.4

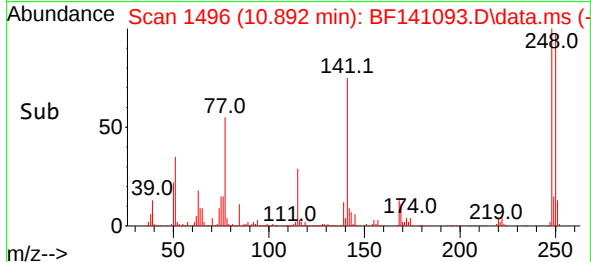
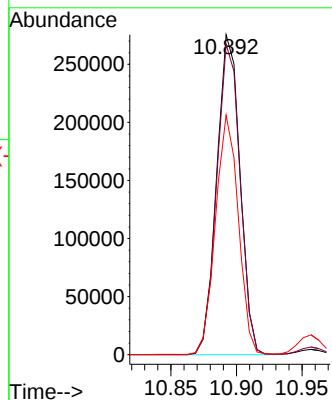
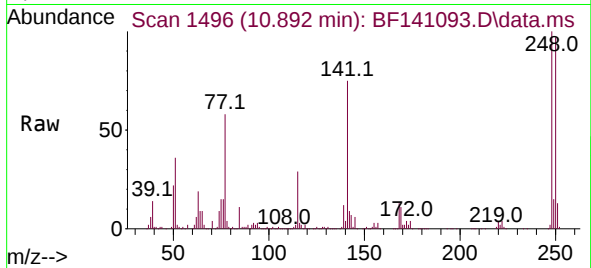




#67
4-Bromophenyl-phenylether
Concen: 58.812 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

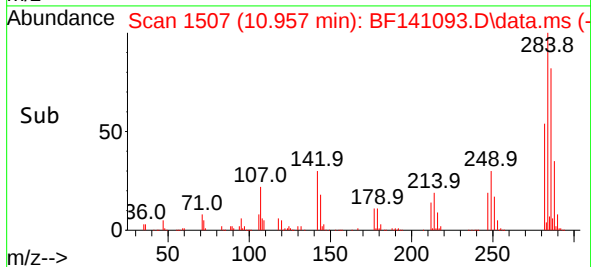
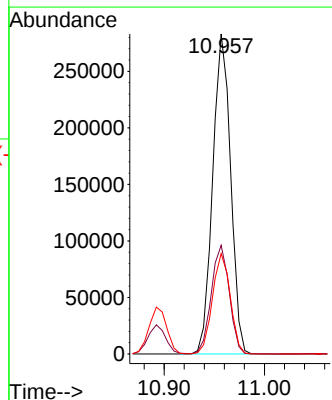
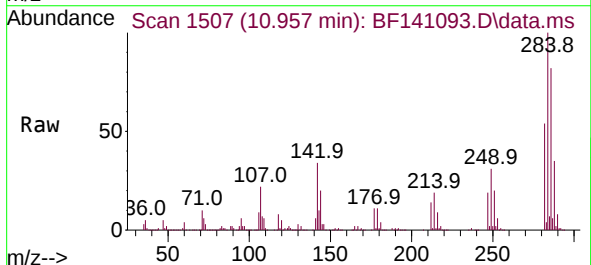
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

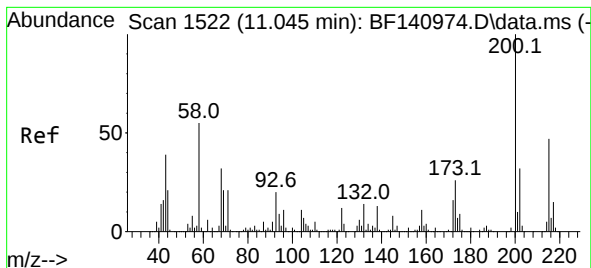
Tgt Ion:248 Resp: 340862
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 74.9 62.1 93.1



#68
Hexachlorobenzene
Concen: 54.914 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:284 Resp: 350942
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 31.4 25.1 37.7





#69

Atrazine

Concen: 65.592 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

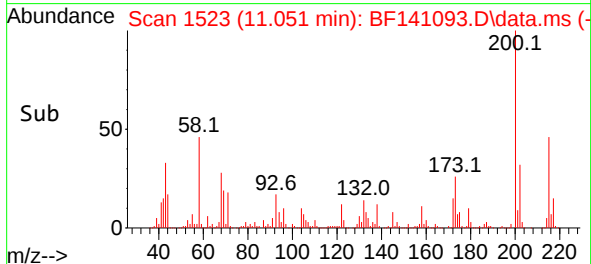
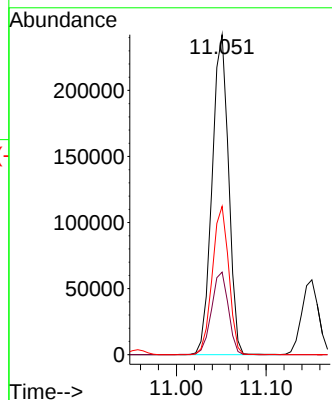
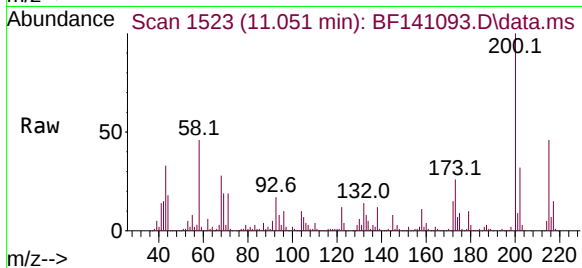
Tgt Ion:200 Resp: 309371

Ion Ratio Lower Upper

200 100

173 25.8 6.4 46.4

215 46.3 27.2 67.2



#70

Pentachlorophenol

Concen: 103.128 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

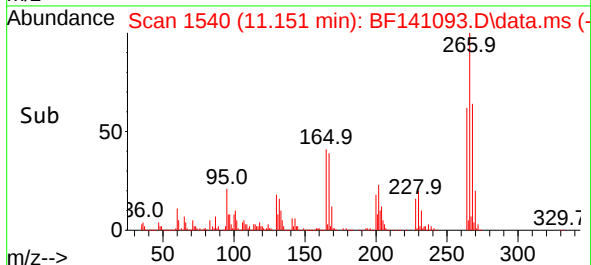
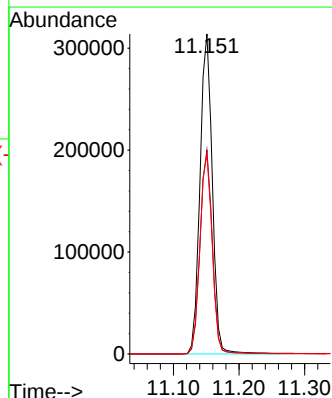
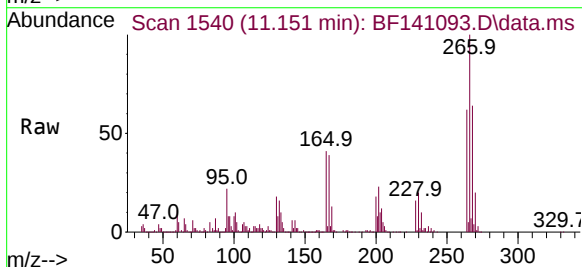
Tgt Ion:266 Resp: 410340

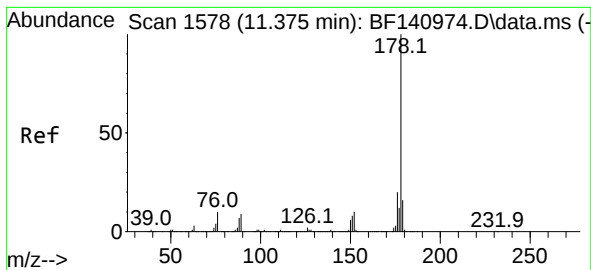
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 62.4 50.2 75.4





#71

Phenanthrene

Concen: 53.461 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

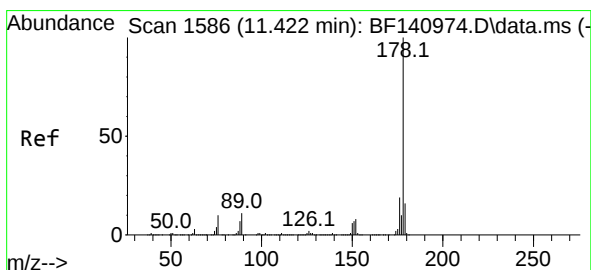
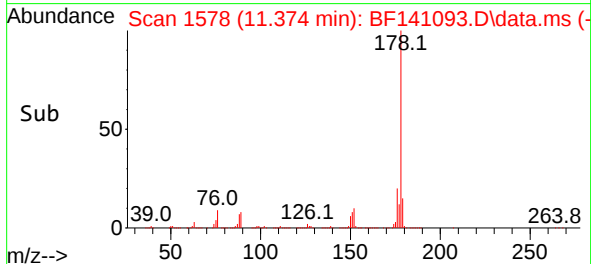
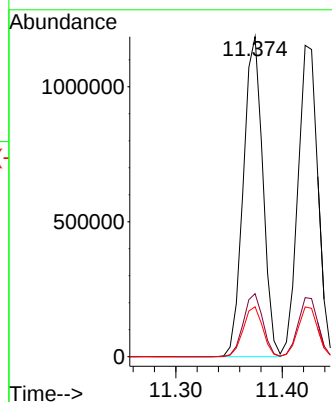
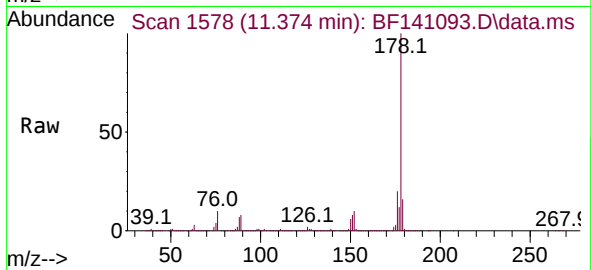
Tgt Ion:178 Resp: 1508543

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 19.0



#72

Anthracene

Concen: 54.179 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

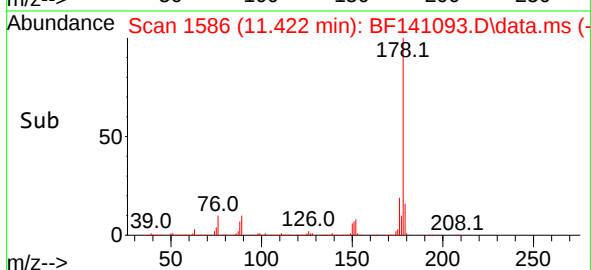
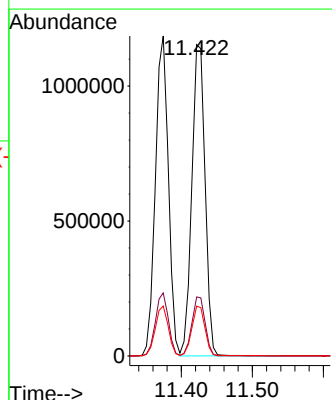
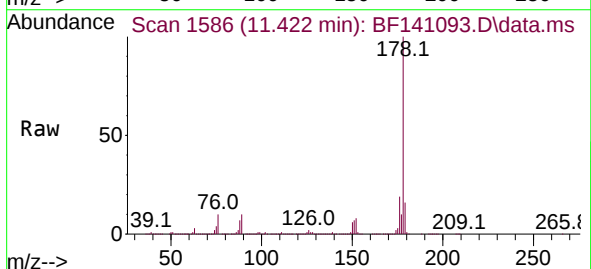
Tgt Ion:178 Resp: 1498038

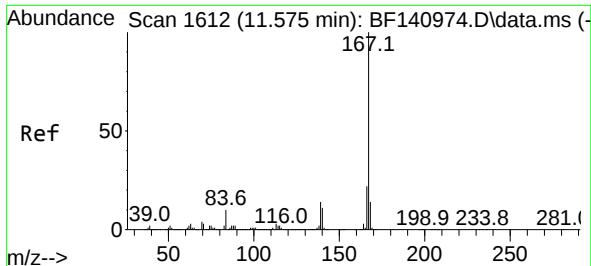
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.0 12.9 19.3

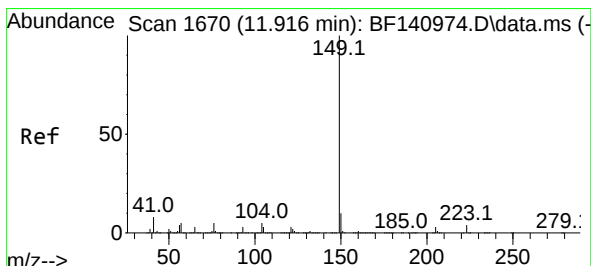
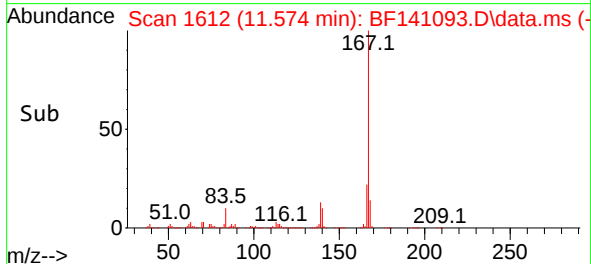
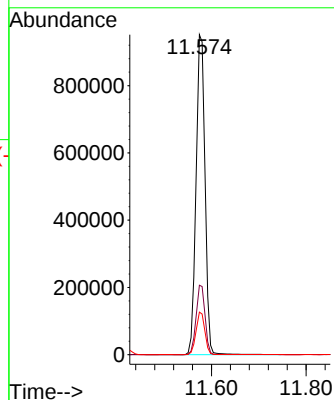
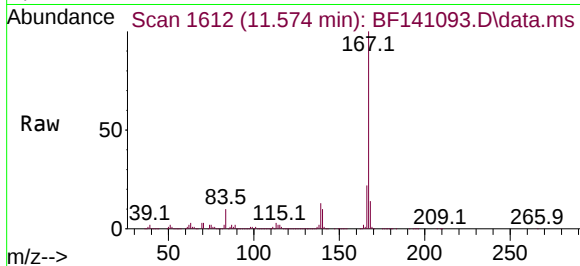




#73
 Carbazole
 Concen: 47.042 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

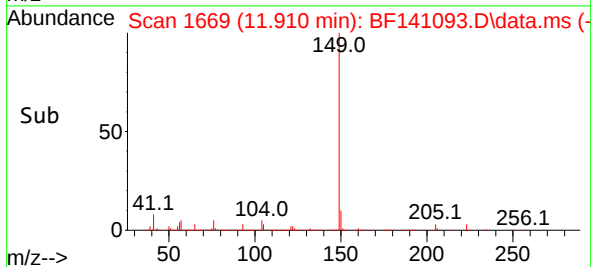
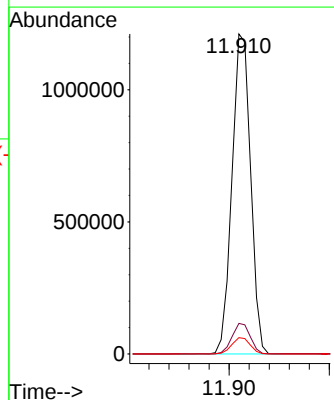
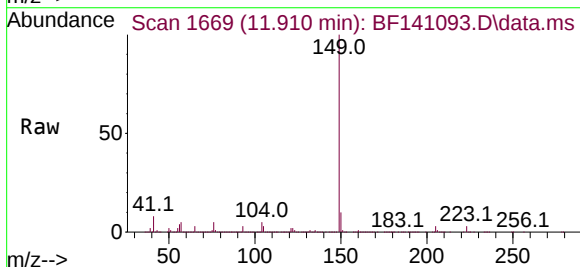
Instrument :
 BNA_F
 ClientSampleId :
 GREENBROOK-COMPMS

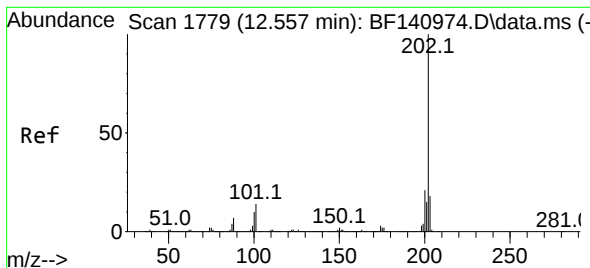
Tgt Ion:167 Resp: 1250399
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.3 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 51.469 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

Tgt Ion:149 Resp: 1556027
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 48.951 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

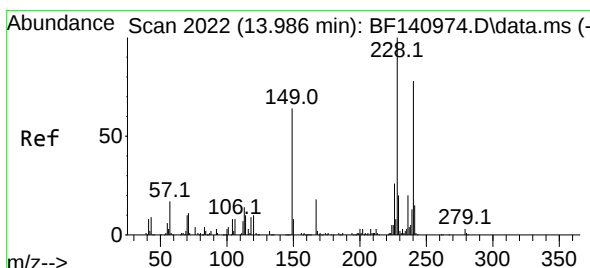
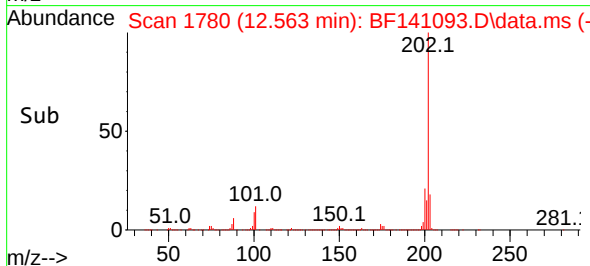
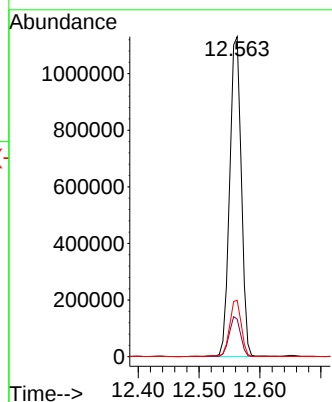
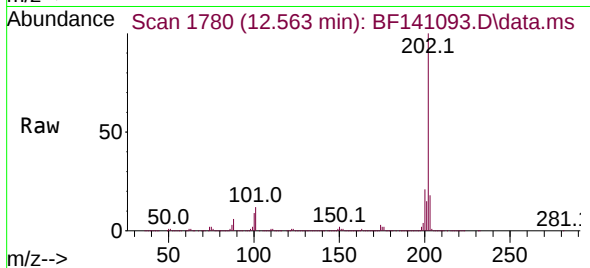
Tgt Ion:202 Resp: 1498079

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.7

203 17.6 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

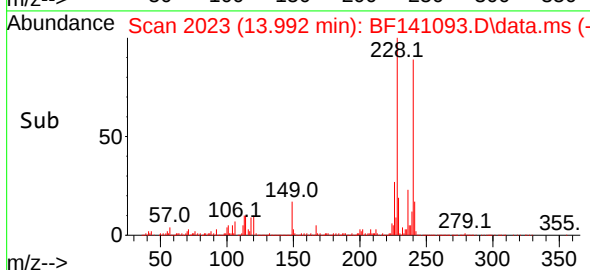
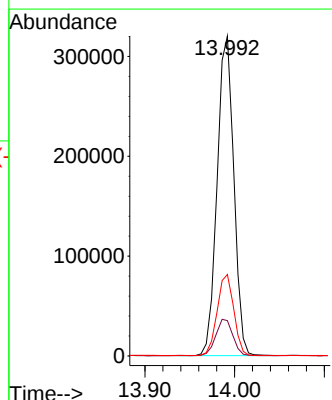
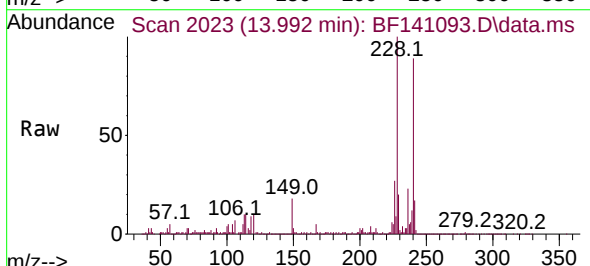
Tgt Ion:240 Resp: 412926

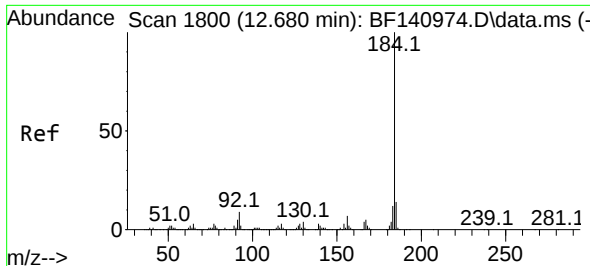
Ion Ratio Lower Upper

240 100

120 11.1 10.7 16.1

236 25.4 20.6 31.0

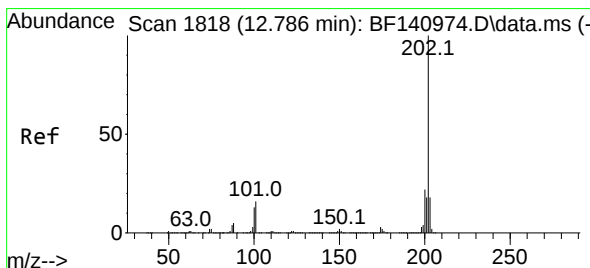
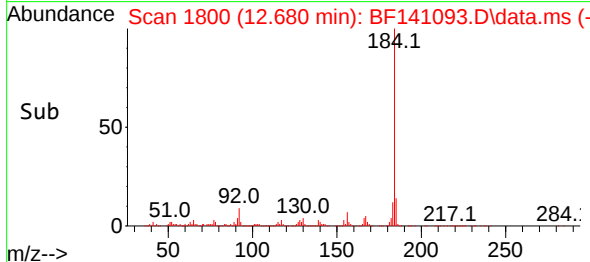
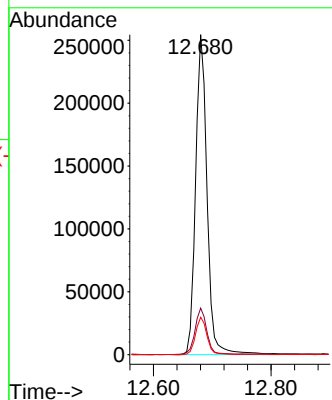
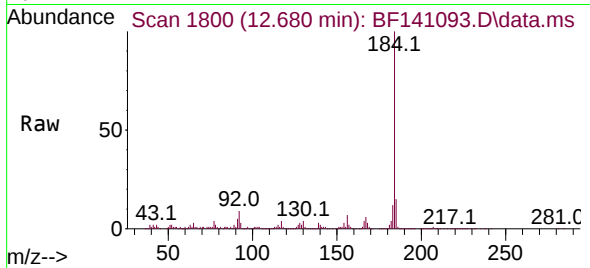




#77
Benzidine
Concen: 39.507 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

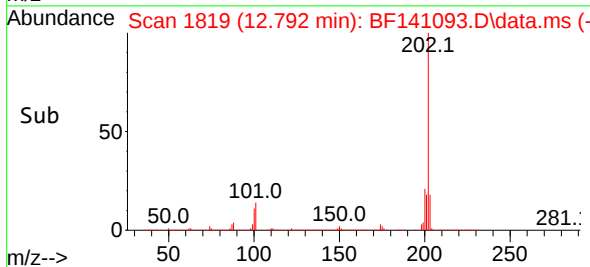
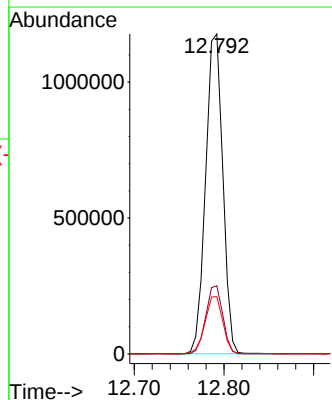
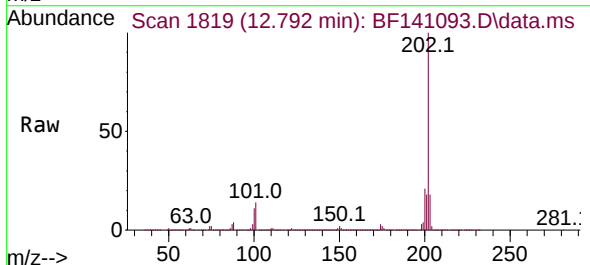
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

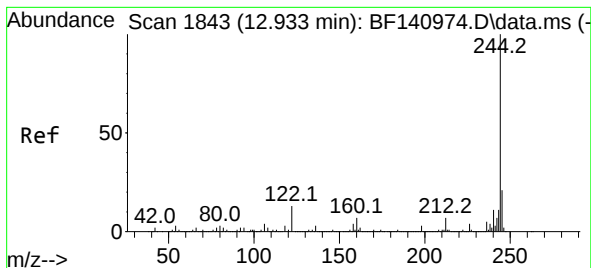
Tgt Ion:184 Resp: 344770
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.7 9.4 14.0



#78
Pyrene
Concen: 43.365 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:202 Resp: 1566054
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 47.612 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141093.D

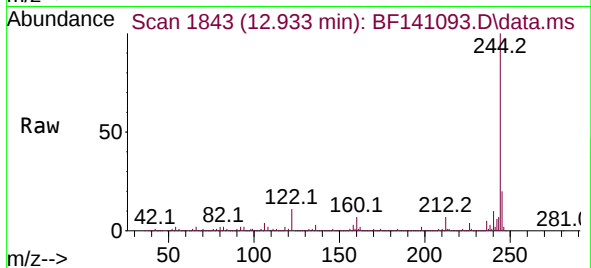
Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS



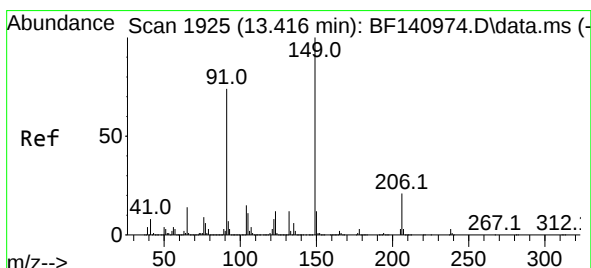
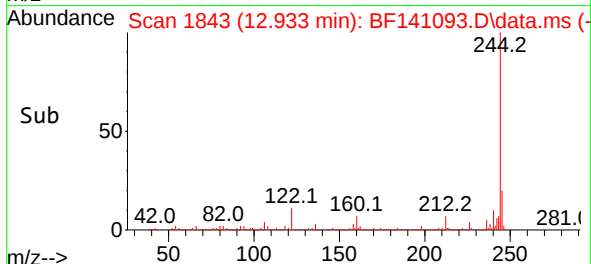
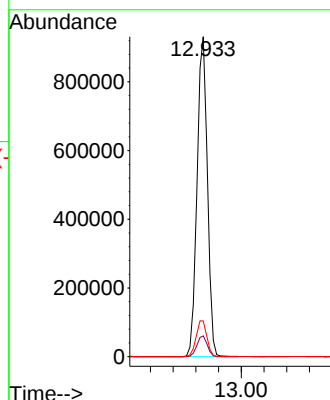
Tgt Ion:244 Resp: 1183637

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 11.1 10.2 15.2



#80

Butylbenzylphthalate

Concen: 45.437 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

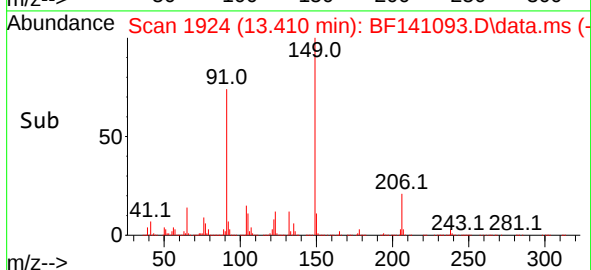
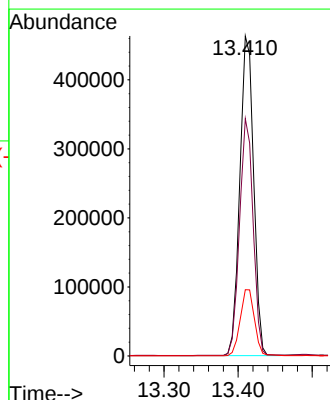
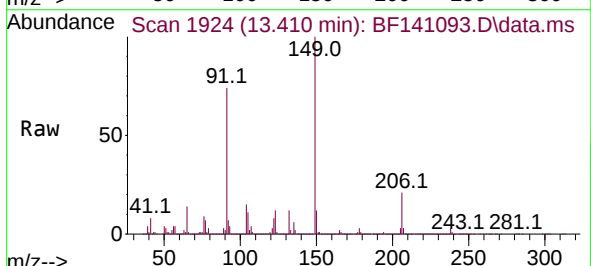
Tgt Ion:149 Resp: 599178

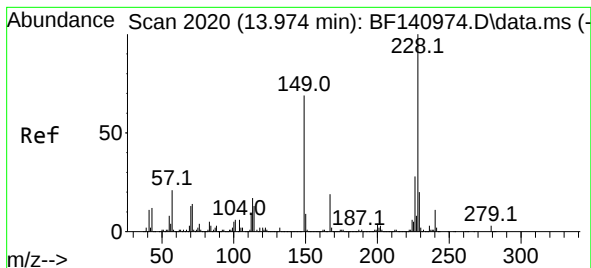
Ion Ratio Lower Upper

149 100

91 74.2 59.5 89.3

206 20.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 48.937 ng

RT: 13.980 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

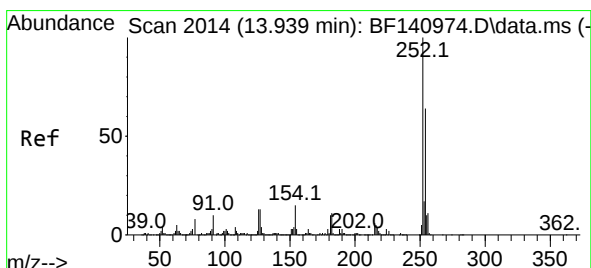
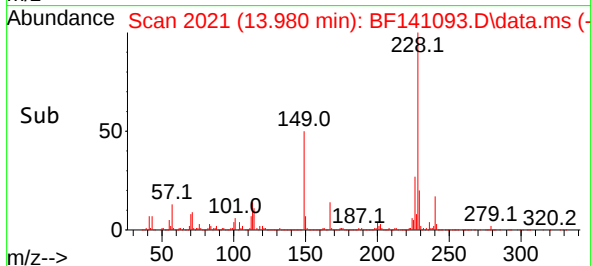
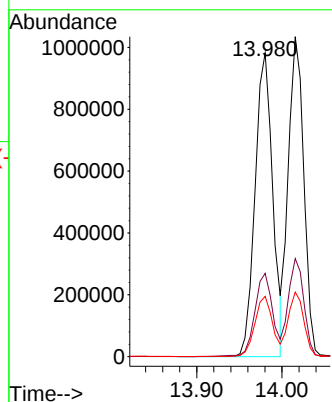
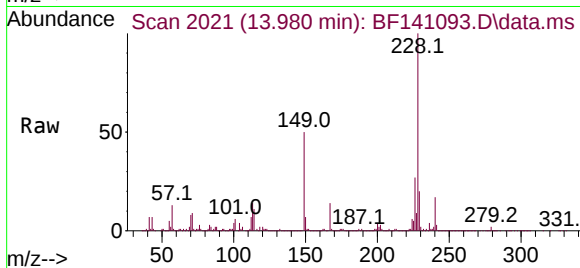
Tgt Ion:228 Resp: 1408327

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 31.089 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

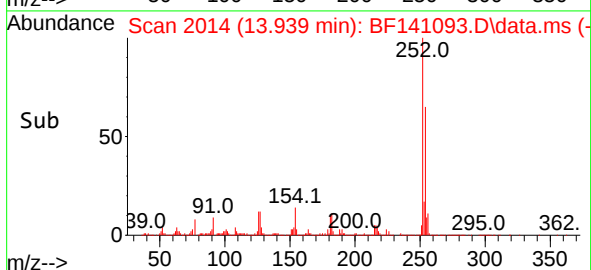
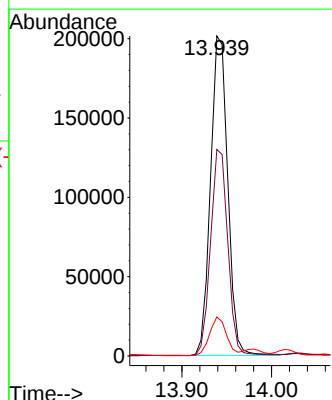
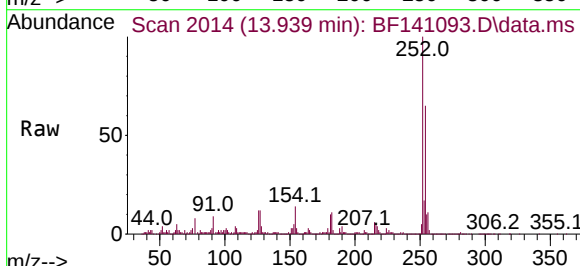
Tgt Ion:252 Resp: 268812

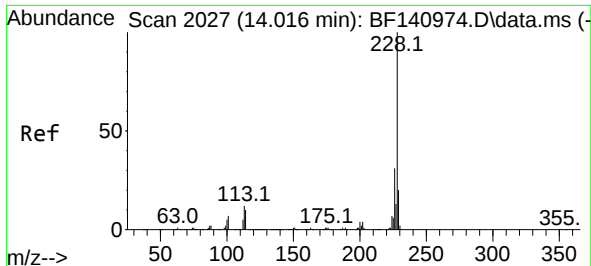
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 12.2 10.3 15.5

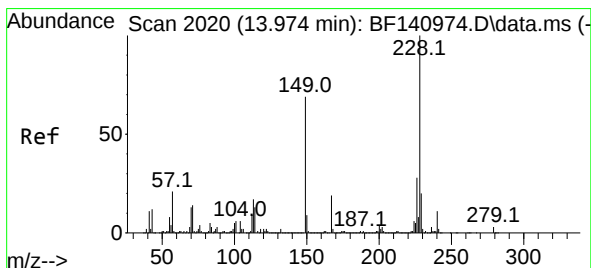
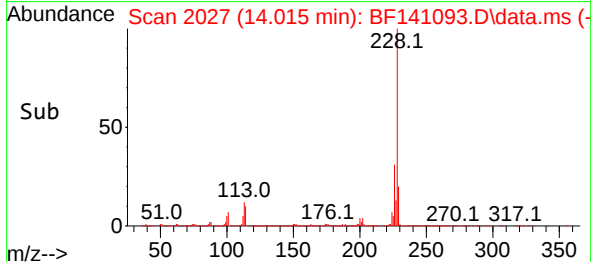
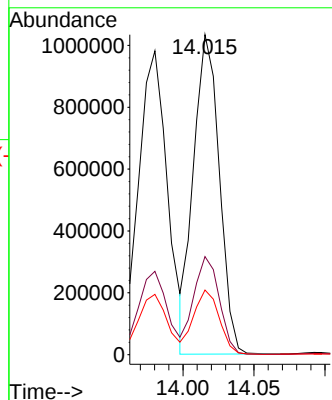
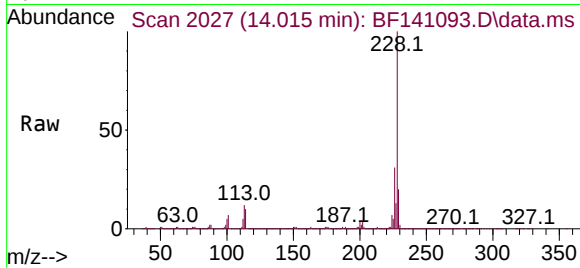




#83
Chrysene
Concen: 50.269 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

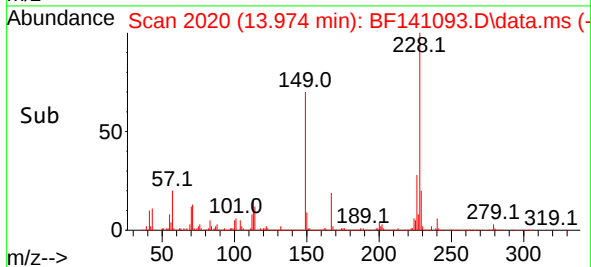
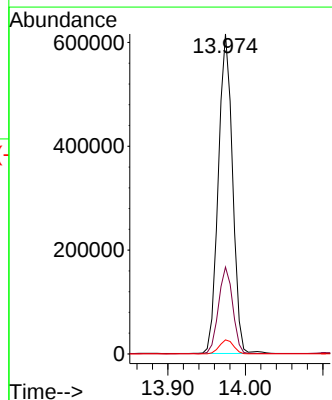
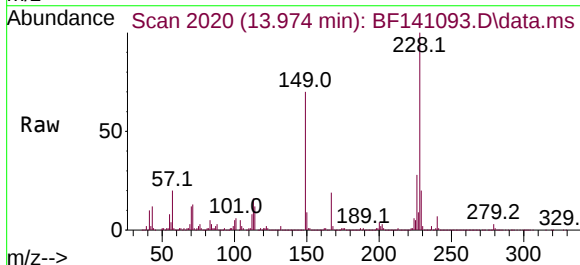
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

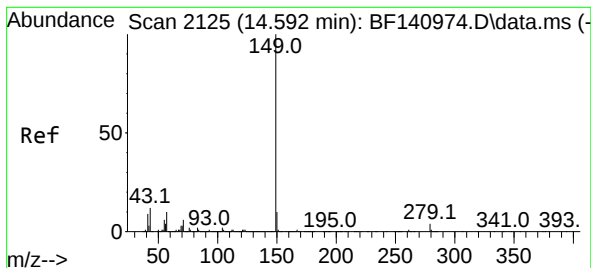
Tgt Ion:228 Resp: 1304126
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.2 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.868 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:149 Resp: 784583
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.123 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

Instrument :

BNA_F

ClientSampleId :

GREENBROOK-COMPMS

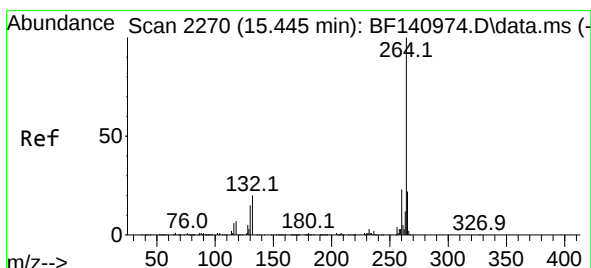
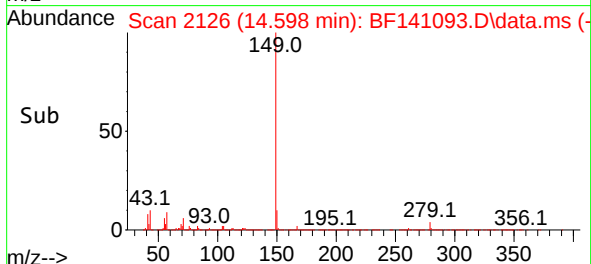
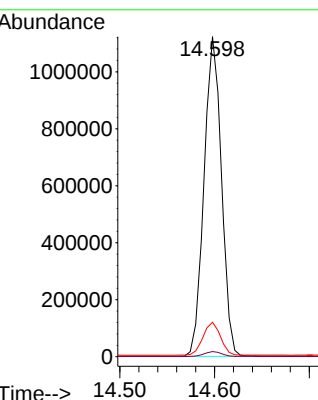
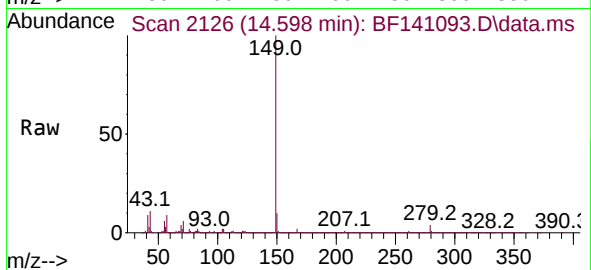
Tgt Ion:149 Resp: 1438970

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF141093.D

Acq: 08 Jan 2025 19:23

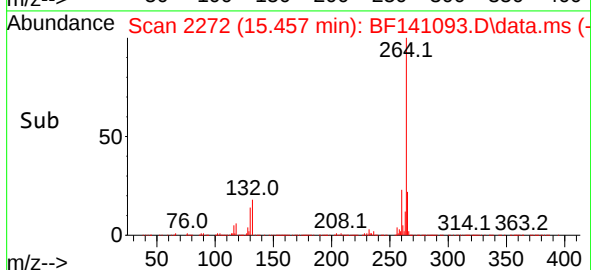
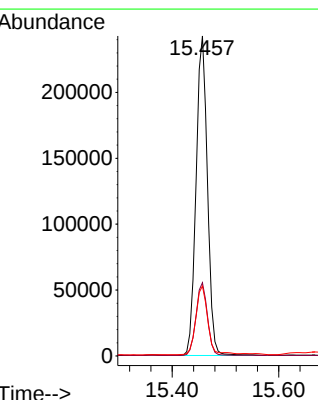
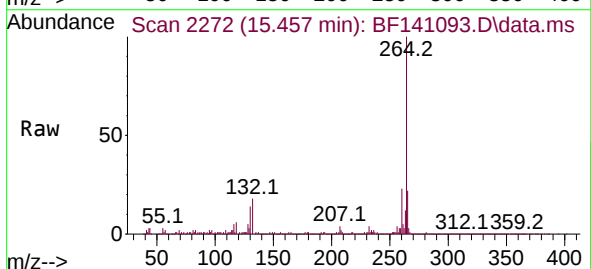
Tgt Ion:264 Resp: 359191

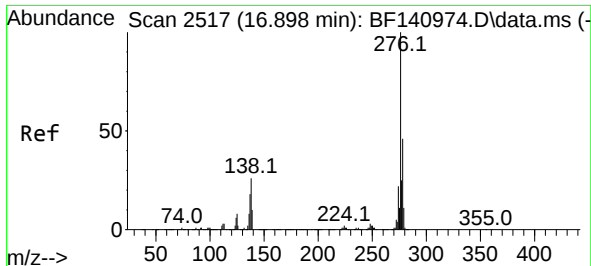
Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.9 17.4 26.2

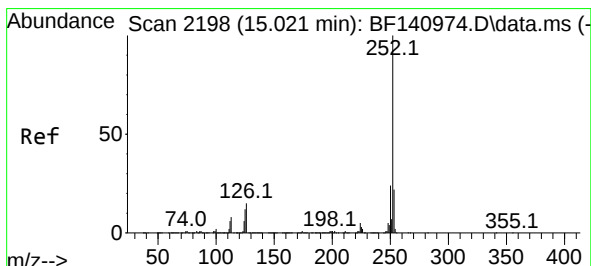
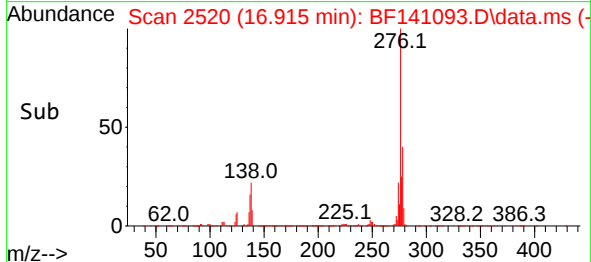
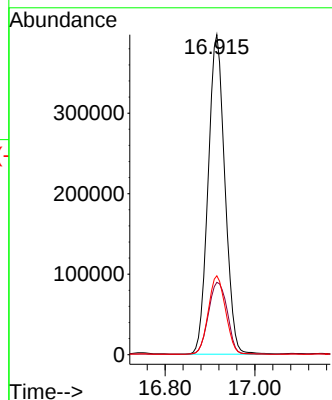
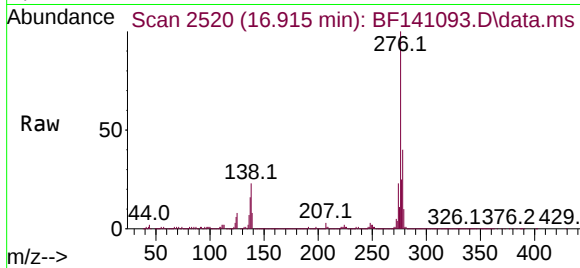




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.420 ng
 RT: 16.915 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

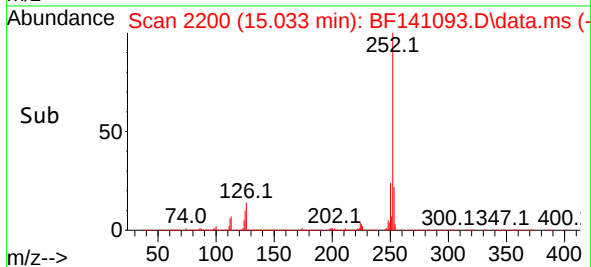
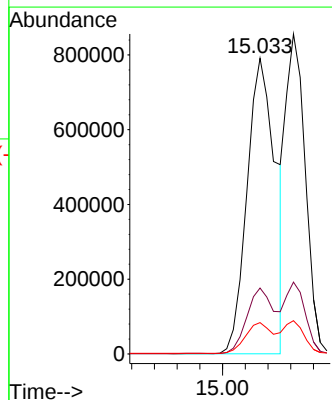
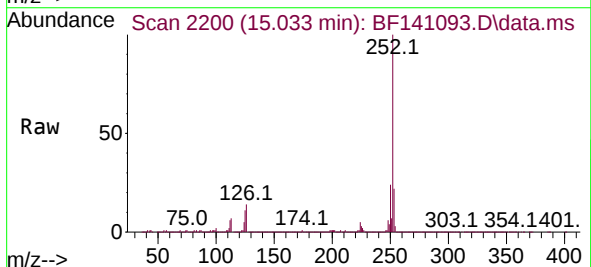
Instrument :
 BNA_F
 ClientSampleId :
 GREENBROOK-COMPMS

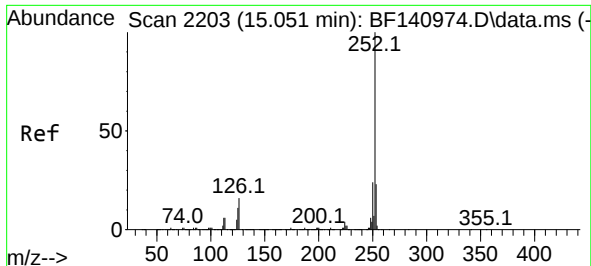
Tgt Ion:276 Resp: 1027839
 Ion Ratio Lower Upper
 276 100
 138 25.4 23.1 34.7
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 54.742 ng
 RT: 15.033 min Scan# 2200
 Delta R.T. 0.012 min
 Lab File: BF141093.D
 Acq: 08 Jan 2025 19:23

Tgt Ion:252 Resp: 1371362
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 10.6 9.3 13.9

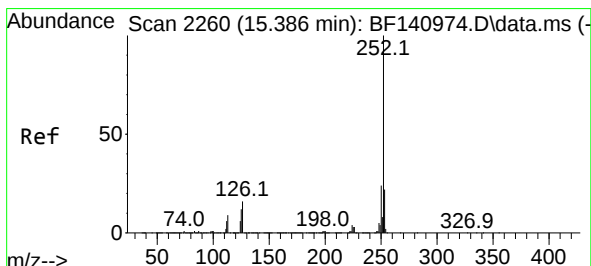
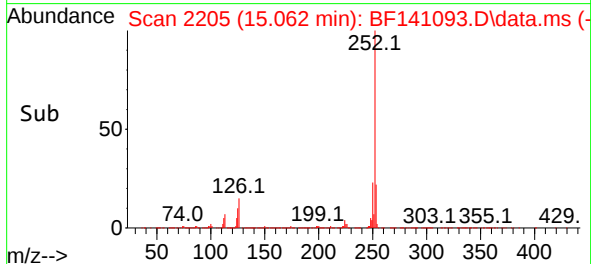
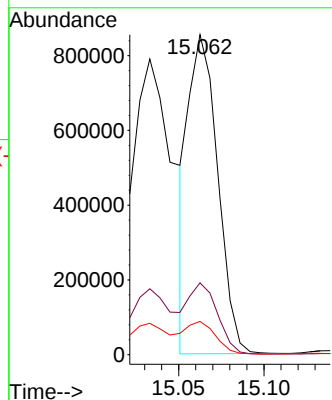
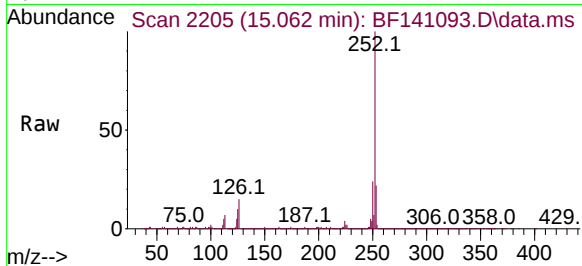




#89
Benzo(k)fluoranthene
Concen: 51.781 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

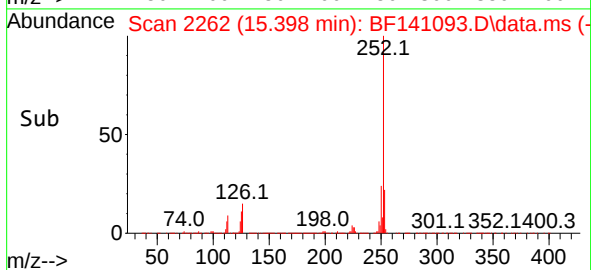
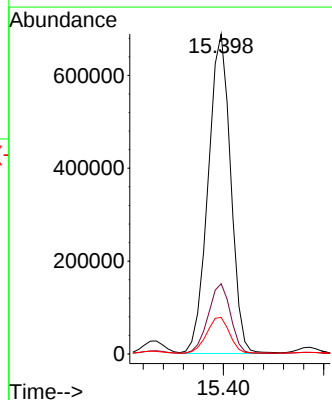
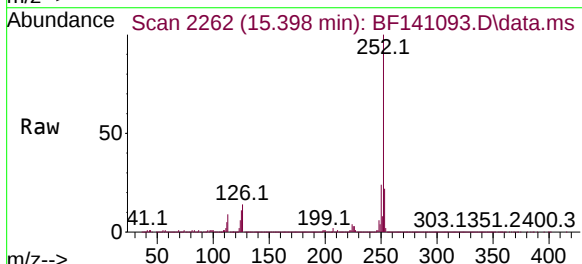
Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

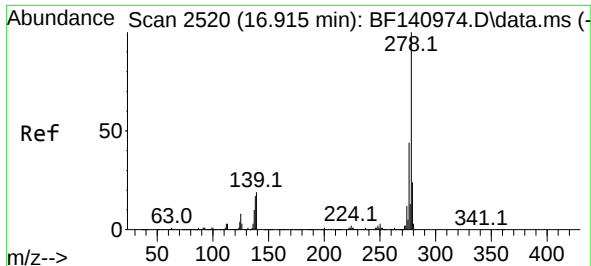
Tgt Ion:252 Resp: 1016700
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.4 9.4 14.0



#90
Benzo(a)pyrene
Concen: 55.282 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:252 Resp: 1074930
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.4 9.8 14.8

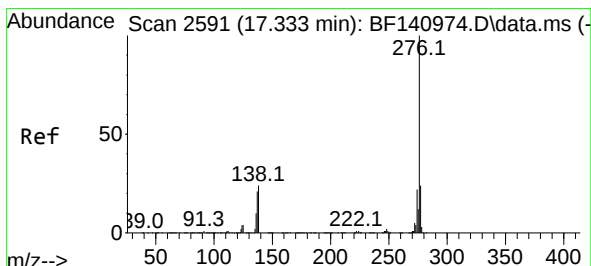
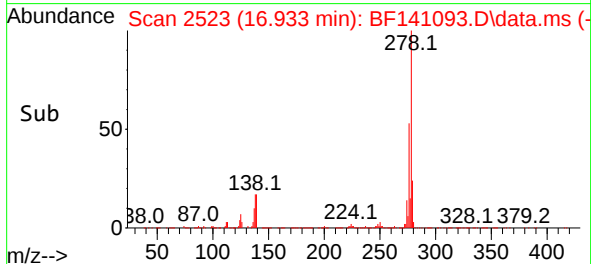
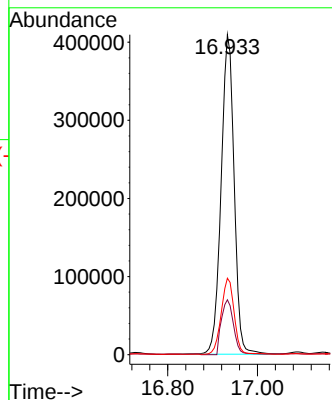
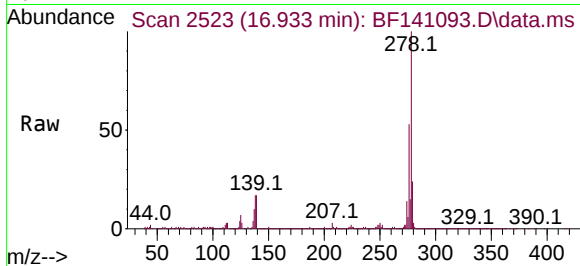




#91
Dibenzo(a,h)anthracene
Concen: 45.029 ng
RT: 16.933 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMS

Tgt Ion:278 Resp: 826019
Ion Ratio Lower Upper
278 100
139 17.1 14.9 22.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 40.136 ng
RT: 17.356 min Scan# 2595
Delta R.T. 0.023 min
Lab File: BF141093.D
Acq: 08 Jan 2025 19:23

Tgt Ion:276 Resp: 763628
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.9 19.4 29.2

