

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	290764	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1134328	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	604245	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1042118	20.000	ng	0.00
76) Chrysene-d12	13.986	240	569163	20.000	ng	0.00
86) Perylene-d12	15.445	264	568544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1466439	76.023	ng	0.00
7) Phenol-d6	6.451	99	1885096	75.862	ng	0.00
23) Nitrobenzene-d5	7.392	82	1644928	92.777	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	522259	88.948	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2870617	75.691	ng	0.00
79) Terphenyl-d14	12.933	244	2925681	85.381	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	333276	38.163	ng	99
3) Pyridine	3.299	79	851066	39.878	ng	100
4) n-Nitrosodimethylamine	3.246	42	406392	37.582	ng	99
6) Aniline	6.492	93	893856	40.333	ng	99
8) 2-Chlorophenol	6.610	128	791355	38.912	ng	99
9) Benzaldehyde	6.375	77	550716	46.726	ng	99
10) Phenol	6.463	94	1028243	40.018	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	763888	36.820	ng	99
12) 1,3-Dichlorobenzene	6.769	146	869946	38.761	ng	99
13) 1,4-Dichlorobenzene	6.845	146	868210	38.373	ng	99
14) 1,2-Dichlorobenzene	6.998	146	813933	38.583	ng	99
15) Benzyl Alcohol	6.969	79	680798	38.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1171000	37.323	ng	100
17) 2-Methylphenol	7.075	107	645163	38.186	ng	100
18) Hexachloroethane	7.339	117	321897	40.050	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	561042	36.854	ng	99
20) 3+4-Methylphenols	7.228	107	807118	37.750	ng	97
22) Acetophenone	7.239	105	1045985	37.589	ng	99
24) Nitrobenzene	7.410	77	870161	43.922	ng	97
25) Isophorone	7.651	82	1465898	37.995	ng	100
26) 2-Nitrophenol	7.728	139	391984	48.249	ng	98
27) 2,4-Dimethylphenol	7.757	122	548642	38.910	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	927341	37.936	ng	100
29) 2,4-Dichlorophenol	7.963	162	640145	40.029	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	717039	39.615	ng	100
31) Naphthalene	8.133	128	2292123	38.348	ng	100
32) Benzoic acid	7.863	122	543727	47.041	ng	97
33) 4-Chloroaniline	8.181	127	839322	38.815	ng	99
34) Hexachlorobutadiene	8.251	225	423961	39.732	ng	100
35) Caprolactam	8.545	113	218197	40.135	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	689648	38.832	ng	98
37) 2-Methylnaphthalene	8.822	142	1467366	38.374	ng	100
38) 1-Methylnaphthalene	8.922	142	1441253	38.352	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	657935	39.579	ng	99
41) Hexachlorocyclopentadiene	8.975	237	233722	42.427	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	453624	41.001	ng	99

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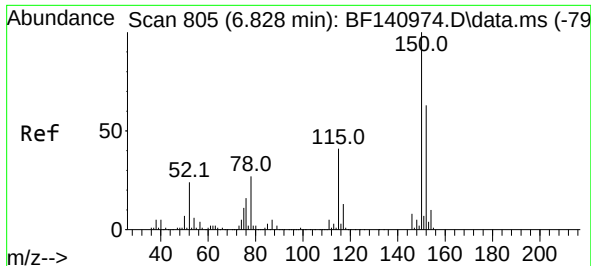
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	484734	42.819	ng	99
46) 1,1'-Biphenyl	9.286	154	1774415	38.352	ng	99
47) 2-Chloronaphthalene	9.310	162	1394740	38.869	ng	99
48) 2-Nitroaniline	9.398	65	430660	46.083	ng	97
49) Acenaphthylene	9.722	152	1998339	38.686	ng	100
50) Dimethylphthalate	9.586	163	1552832	39.070	ng	100
51) 2,6-Dinitrotoluene	9.645	165	366493	45.428	ng	95
52) Acenaphthene	9.898	154	1390959	39.831	ng	99
53) 3-Nitroaniline	9.810	138	387849	44.272	ng	# 94
54) 2,4-Dinitrophenol	9.916	184	152915	56.064	ng	# 1
55) Dibenzofuran	10.069	168	1897580	38.665	ng	99
56) 4-Nitrophenol	9.957	139	311229	45.778	ng	97
57) 2,4-Dinitrotoluene	10.045	165	475598	47.955	ng	95
58) Fluorene	10.410	166	1452134	38.157	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	401409	42.815	ng	97
60) Diethylphthalate	10.286	149	1522617	38.805	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	716079	39.104	ng	97
62) 4-Nitroaniline	10.422	138	378356	43.316	ng	94
63) Azobenzene	10.563	77	1551826	37.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	227945	53.525	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1283897	39.124	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	470632	41.777	ng	97
68) Hexachlorobenzene	10.957	284	505851	40.722	ng	99
69) Atrazine	11.045	200	317858	34.671	ng	100
70) Pentachlorophenol	11.145	266	349324	45.167	ng	99
71) Phenanthrene	11.369	178	2127169	38.783	ng	100
72) Anthracene	11.422	178	2068767	38.493	ng	100
73) Carbazole	11.574	167	1921678	37.195	ng	100
74) Di-n-butylphthalate	11.910	149	2279320	38.788	ng	100
75) Fluoranthene	12.557	202	2147665	36.104	ng	99
77) Benzidine	12.680	184	606634	50.432	ng	100
78) Pyrene	12.786	202	2132823	42.847	ng	100
80) Butylbenzylphthalate	13.410	149	759435	41.781	ng	100
81) Benzo(a)anthracene	13.974	228	1473101	37.136	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	494240	41.470	ng	99
83) Chrysene	14.010	228	1428944	39.961	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	919539	39.001	ng	100
85) Di-n-octyl phthalate	14.592	149	1392731	40.813	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1651010	46.092	ng	98
88) Benzo(b)fluoranthene	15.027	252	1399852	35.303	ng	99
89) Benzo(k)fluoranthene	15.057	252	1223125	39.356	ng	99
90) Benzo(a)pyrene	15.386	252	1191505	38.714	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1345942	46.355	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1406501	46.704	ng	100

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

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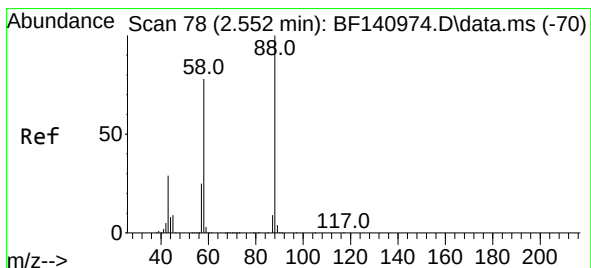
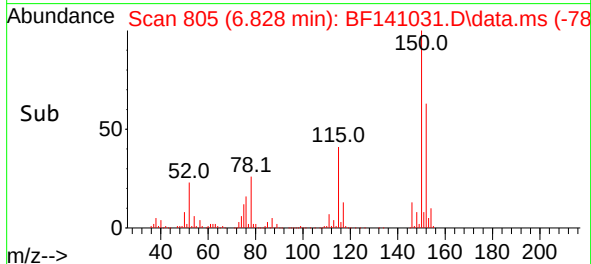
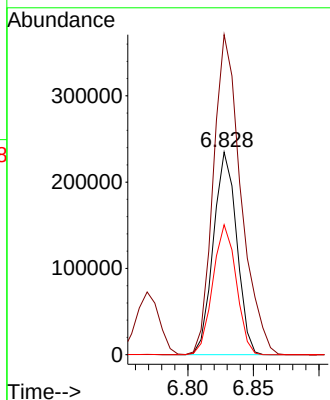
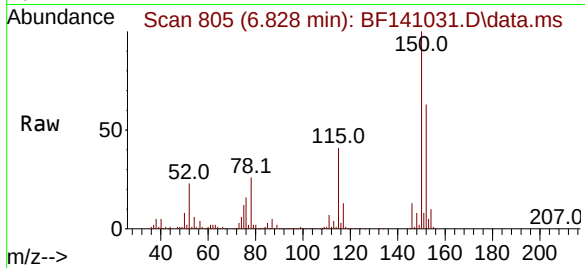




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141031.D
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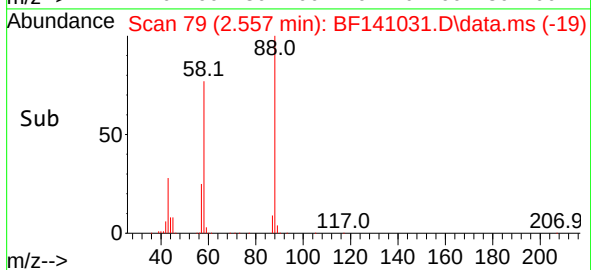
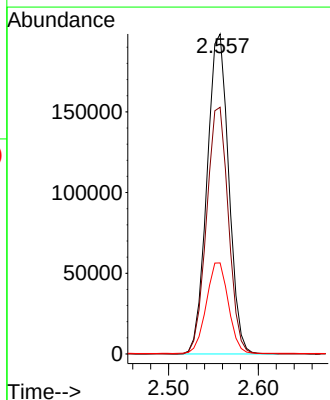
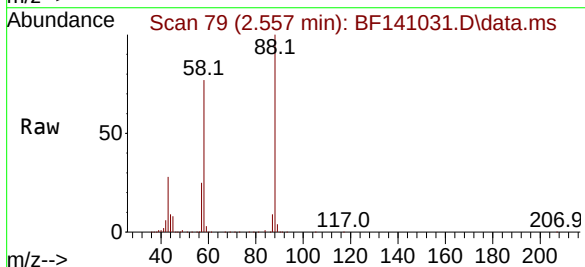
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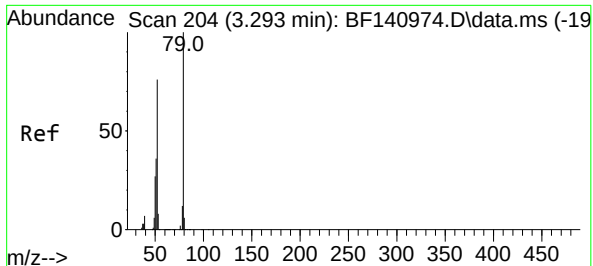
Tgt Ion:152 Resp: 290764
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 38.163 ng
 RT: 2.557 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF141031.D
 Acq: 30 Dec 2024 15:20

Tgt Ion: 88 Resp: 333276
 Ion Ratio Lower Upper
 88 100
 58 77.6 63.0 94.4
 43 28.8 23.4 35.2

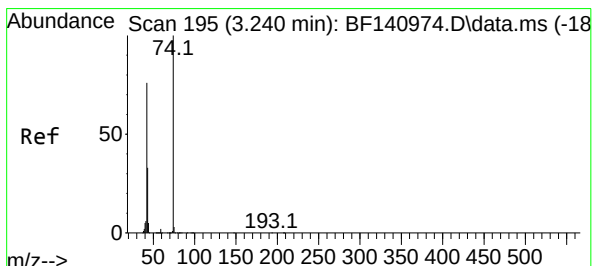
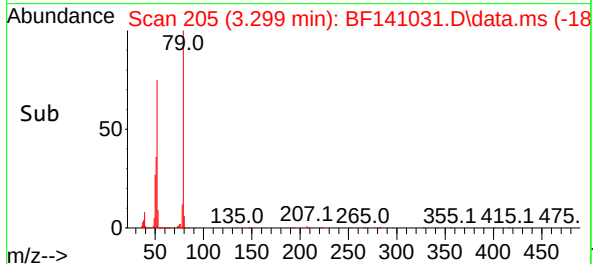
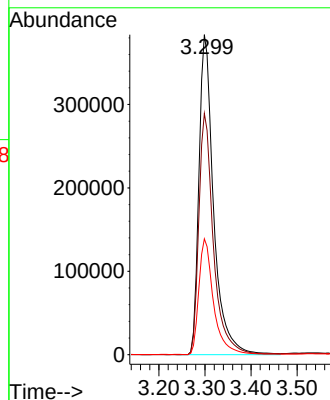
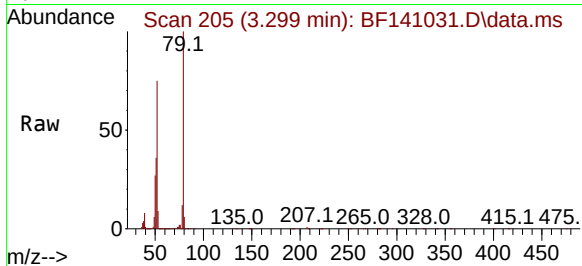




#3
Pyridine
Concen: 39.878 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

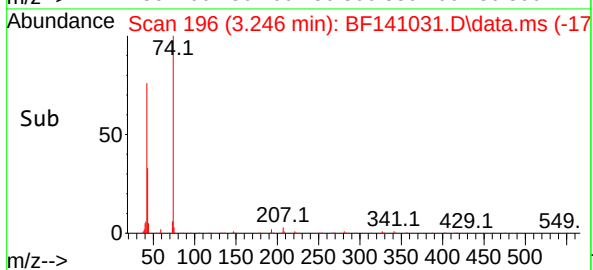
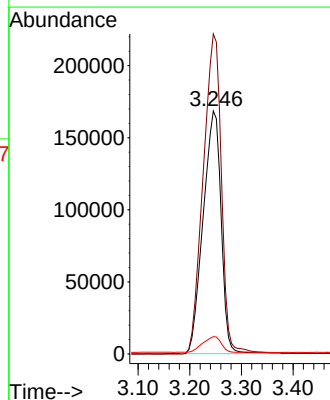
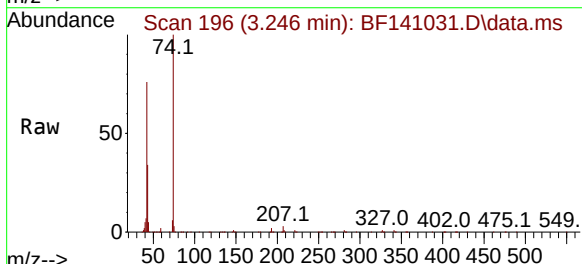
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ClientSampleId :
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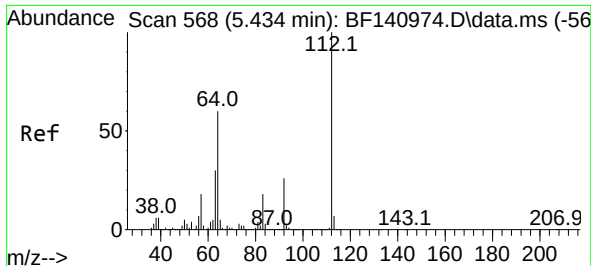
Tgt Ion: 79 Resp: 851066
Ion Ratio Lower Upper
79 100
52 75.4 60.4 90.6
51 36.2 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.582 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 42 Resp: 406392
Ion Ratio Lower Upper
42 100
74 131.7 105.8 158.6
44 7.1 6.6 10.0

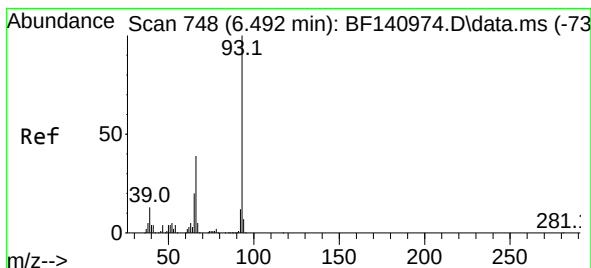
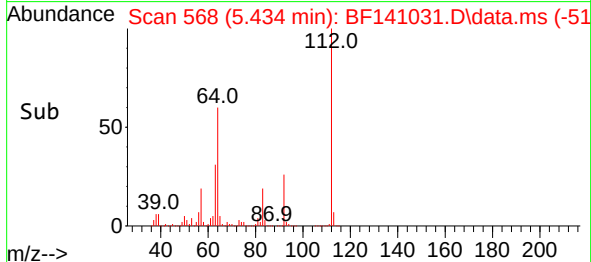
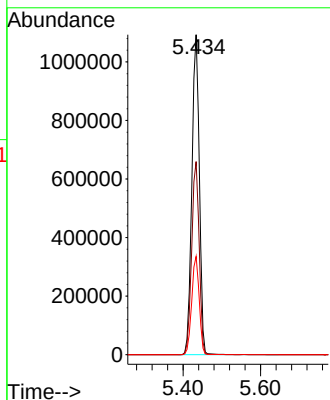
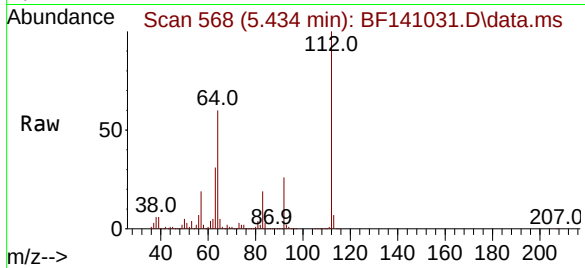




#5
2-Fluorophenol
Concen: 76.023 ng
RT: 5.434 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

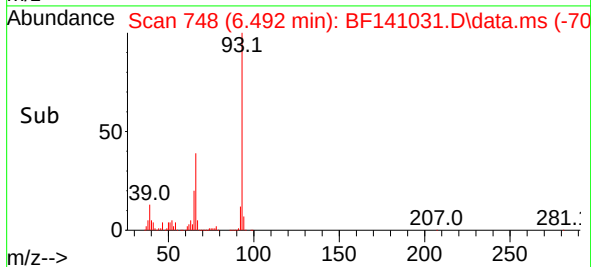
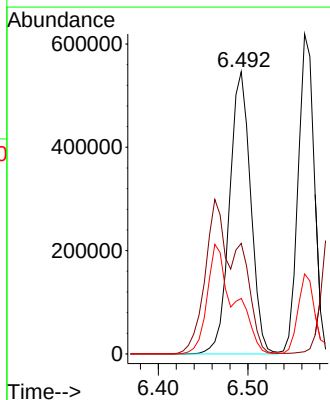
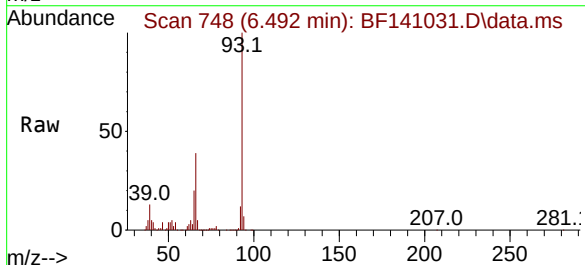
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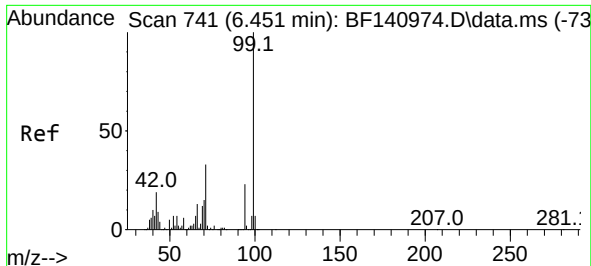
Tgt Ion:112 Resp: 1466439
Ion Ratio Lower Upper
112 100
64 60.4 47.7 71.5
63 30.7 24.2 36.2



#6
Aniline
Concen: 40.333 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 93 Resp: 893856
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.7 15.4 23.0

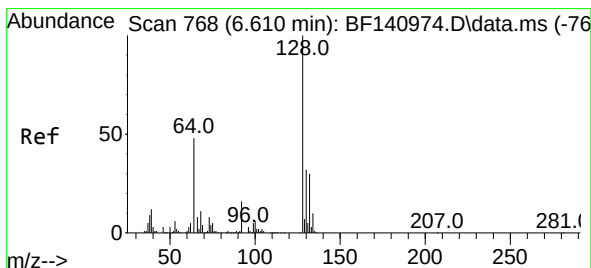
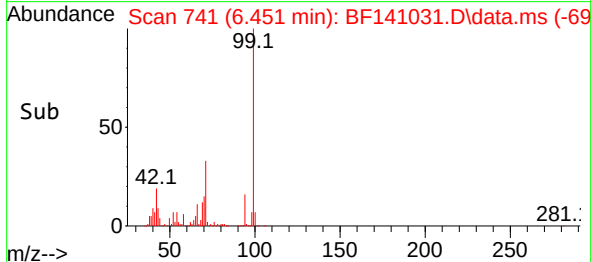
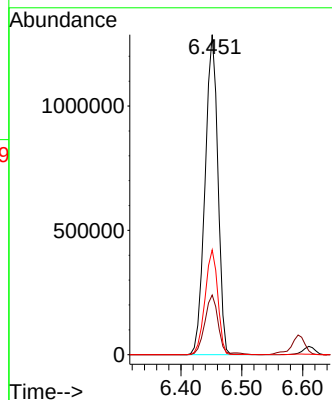
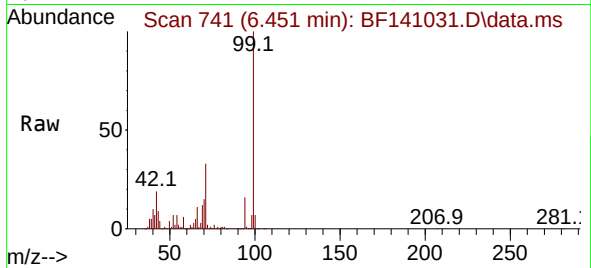




#7
Phenol-d6
Concen: 75.862 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

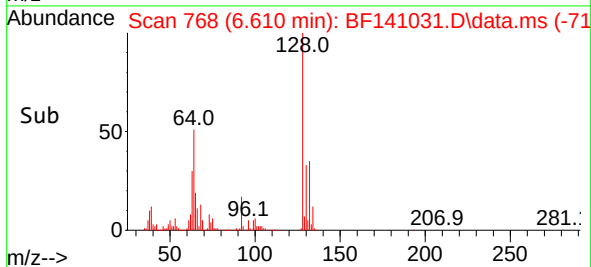
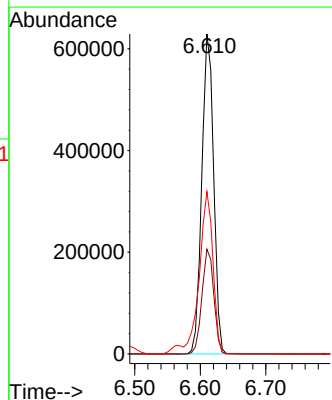
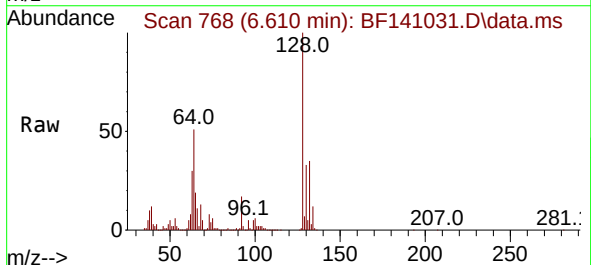
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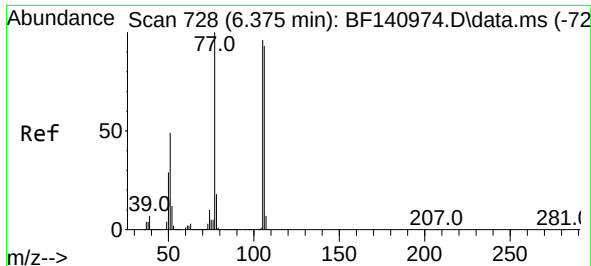
Tgt Ion: 99 Resp: 1885096
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.8 26.2 39.2



#8
2-Chlorophenol
Concen: 38.912 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:128 Resp: 791355
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 50.7 30.3 70.3

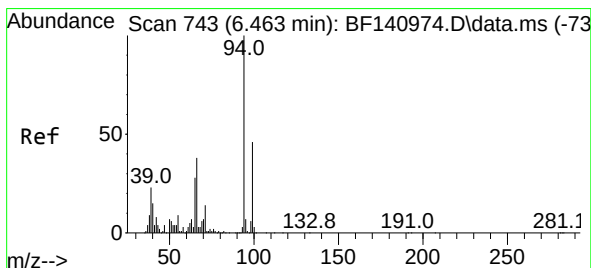
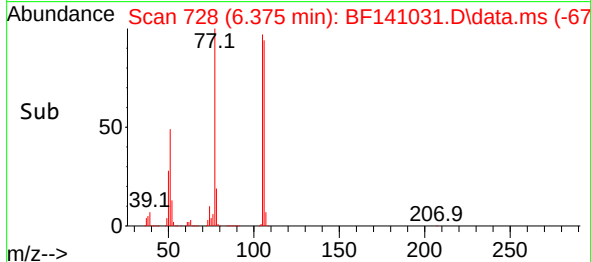
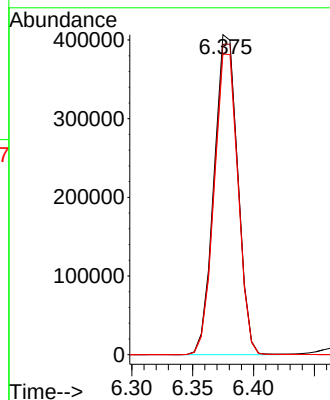
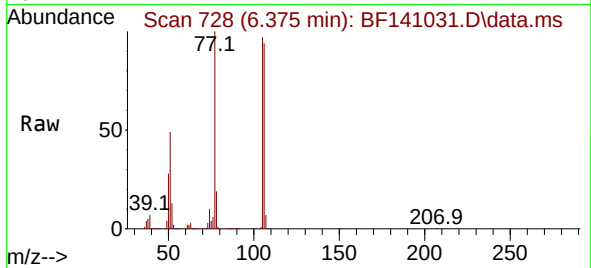




#9
Benzaldehyde
Concen: 46.726 ng
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

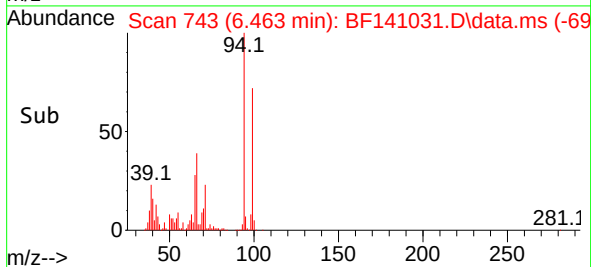
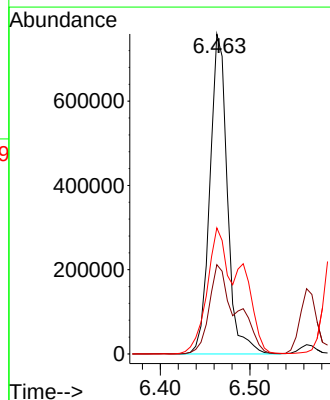
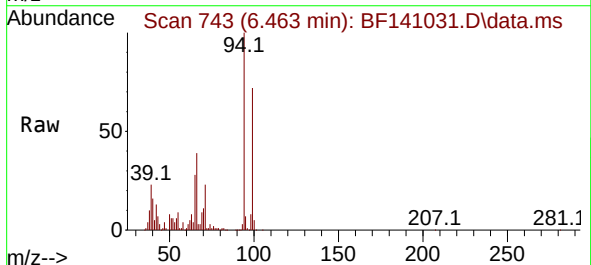
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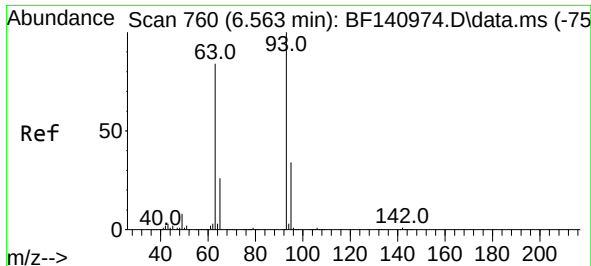
Tgt Ion: 77 Resp: 550716
Ion Ratio Lower Upper
77 100
105 97.0 76.2 116.2
106 93.9 73.4 113.4



#10
Phenol
Concen: 40.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 94 Resp: 1028243
Ion Ratio Lower Upper
94 100
65 27.9 8.1 48.1
66 39.4 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 36.820 ng

RT: 6.563 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

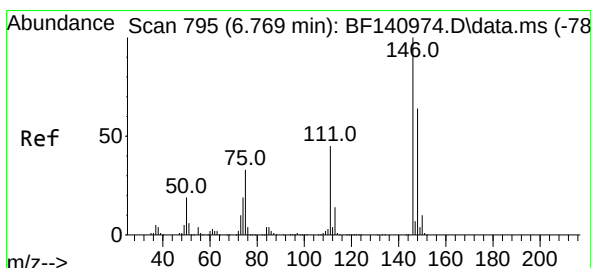
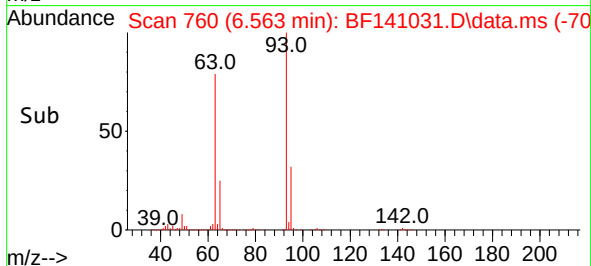
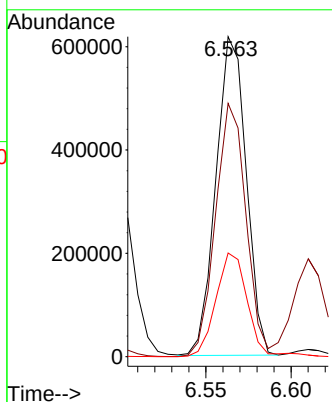
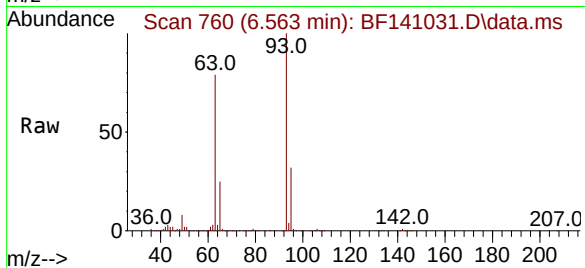
Tgt Ion: 93 Resp: 763888

Ion Ratio Lower Upper

93 100

63 79.1 60.3 100.3

95 32.4 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.761 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

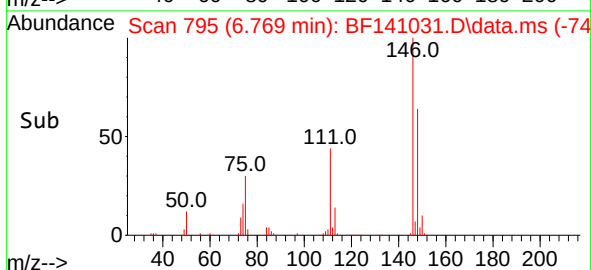
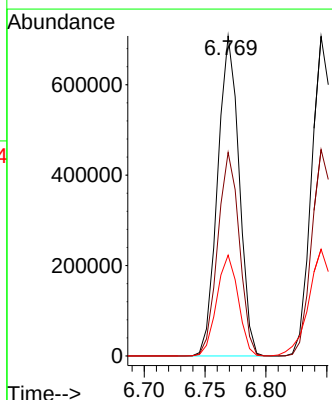
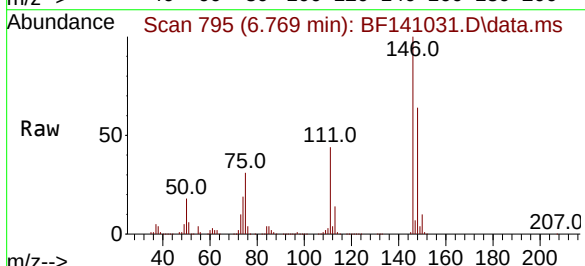
Tgt Ion:146 Resp: 869946

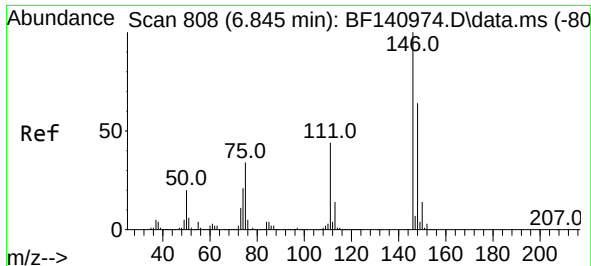
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 31.5 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.373 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

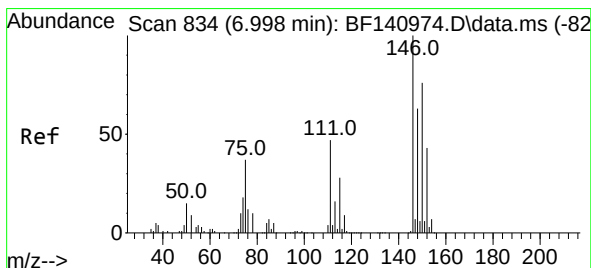
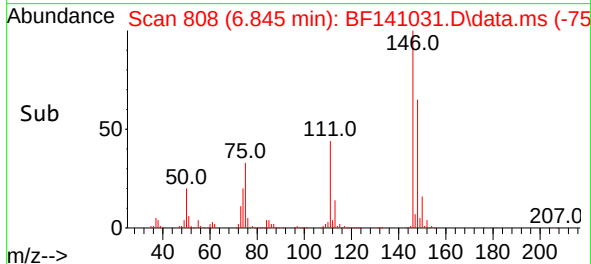
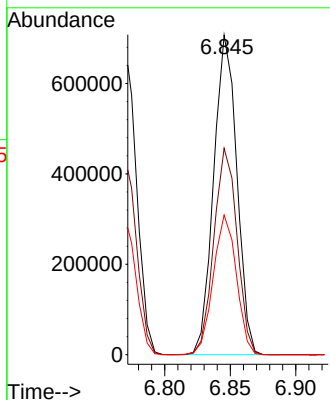
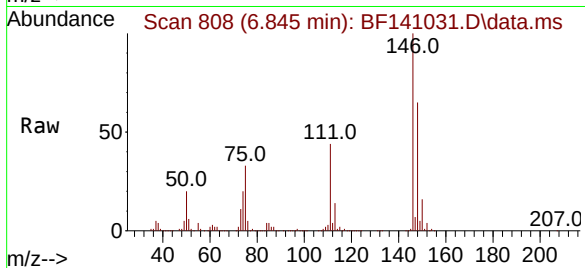
Tgt Ion:146 Resp: 868210

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 43.7 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.583 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

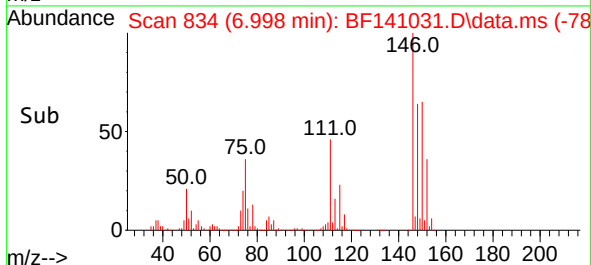
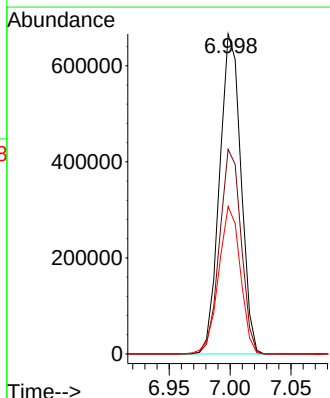
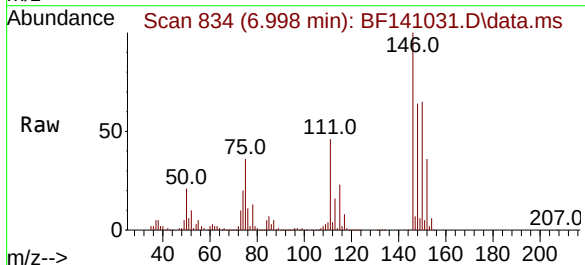
Tgt Ion:146 Resp: 813933

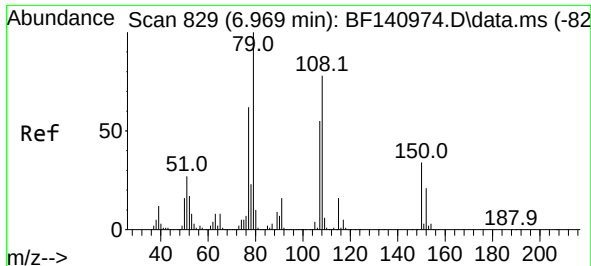
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 46.1 37.3 55.9

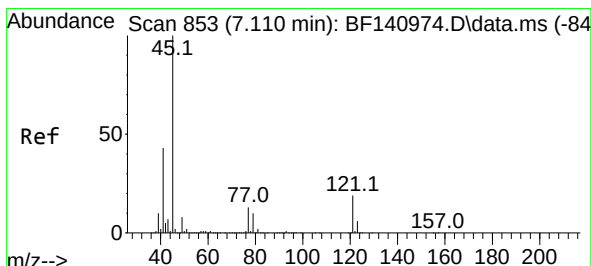
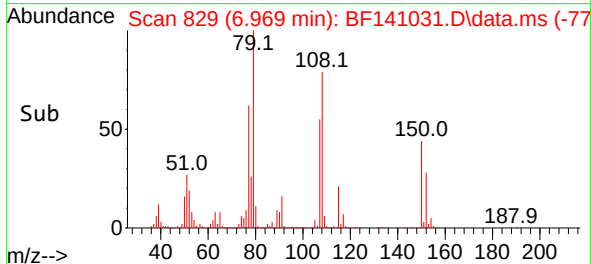
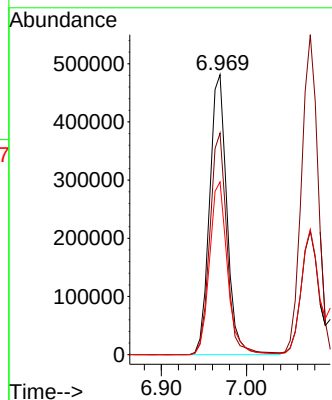
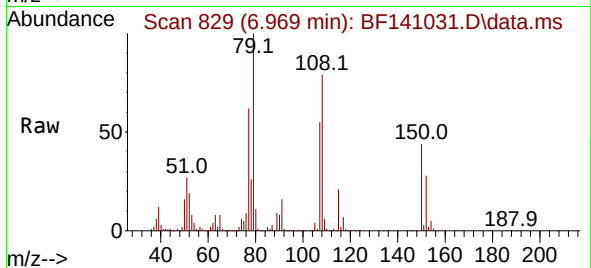




#15
Benzyl Alcohol
Concen: 38.126 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

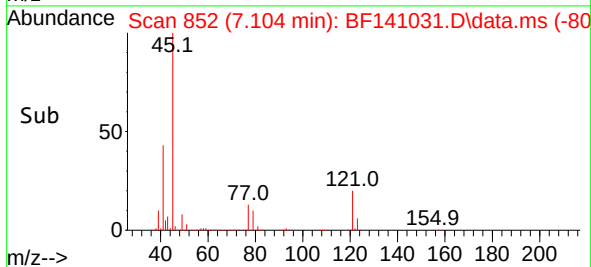
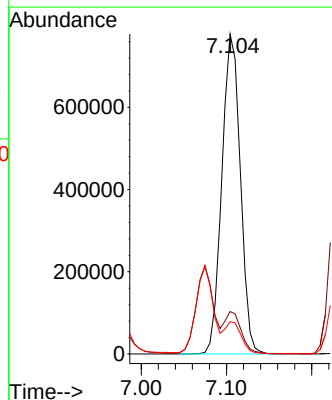
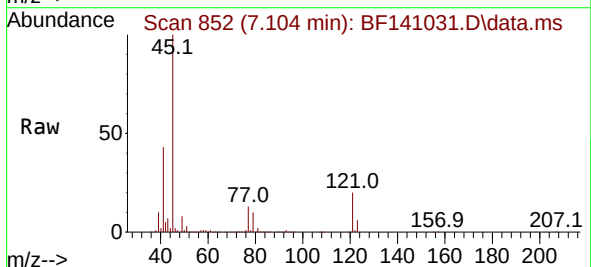
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

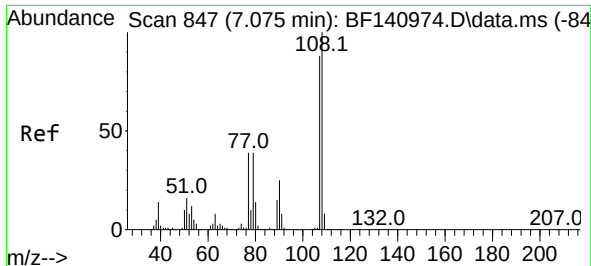
Tgt Ion: 79 Resp: 680798
Ion Ratio Lower Upper
79 100
108 79.1 62.5 93.7
77 61.8 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.323 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 45 Resp: 1171000
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 10.1 0.0 30.1

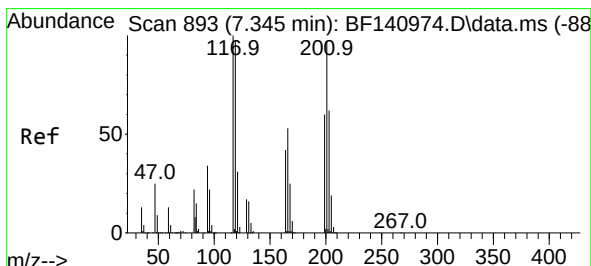
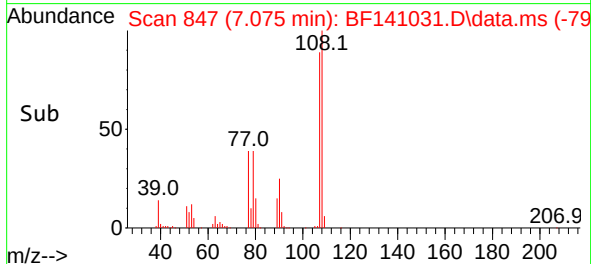
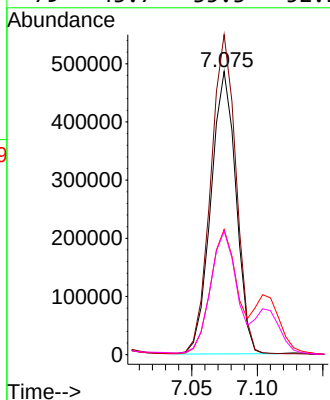
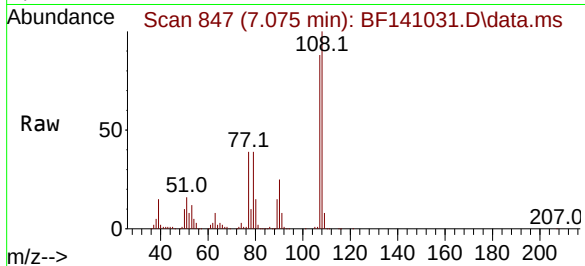




#17
2-Methylphenol
Concen: 38.186 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

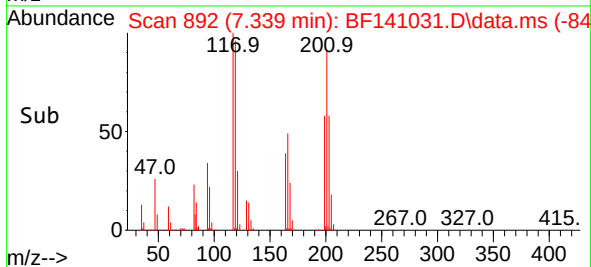
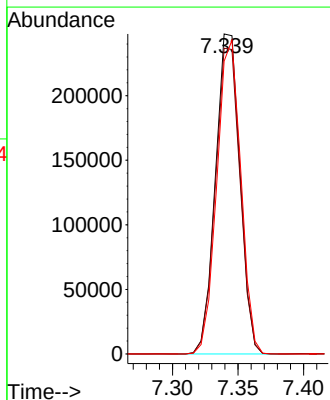
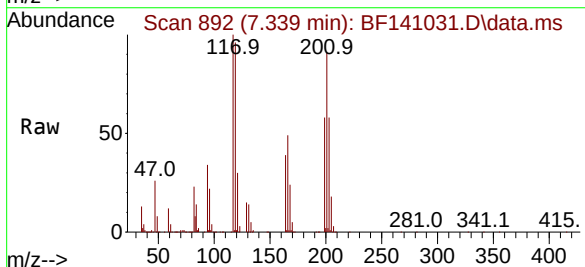
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

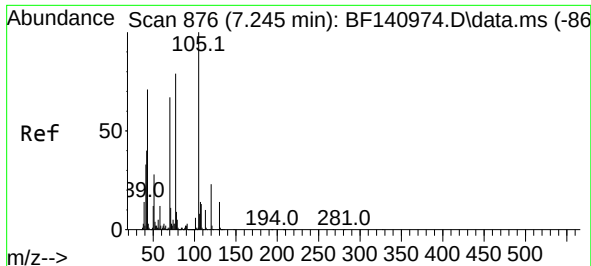
Tgt Ion:	107	Resp:	645163
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.6	136.0
77	44.3	35.3	52.9
79	43.7	35.3	52.9



#18
Hexachloroethane
Concen: 40.050 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:	117	Resp:	321897
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	91.5	77.4	116.2

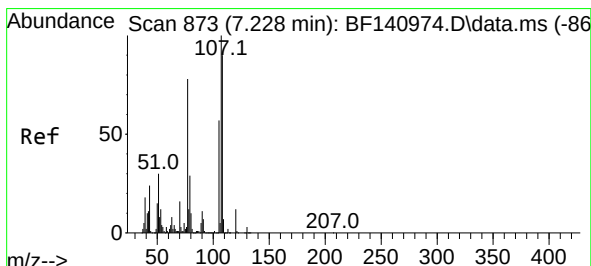
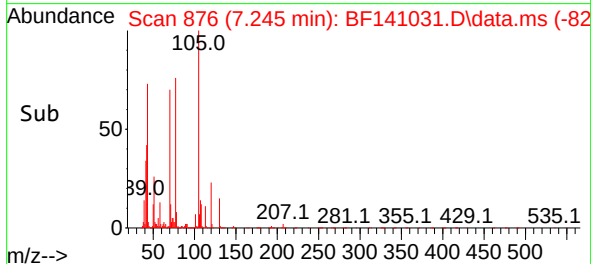
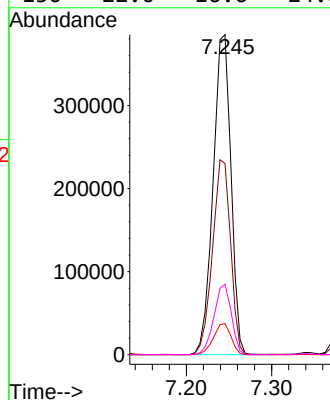
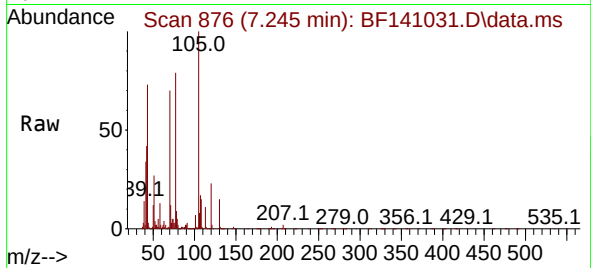




#19
n-Nitroso-di-n-propylamine
Concen: 36.854 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

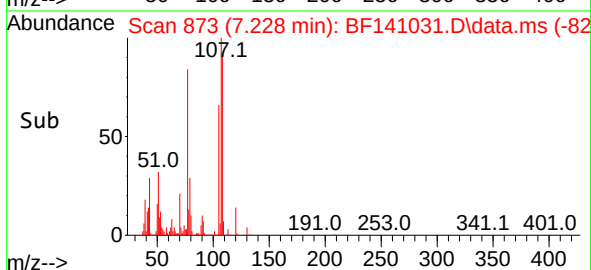
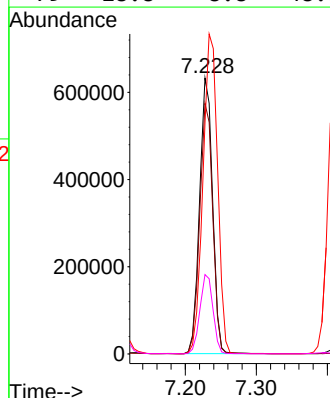
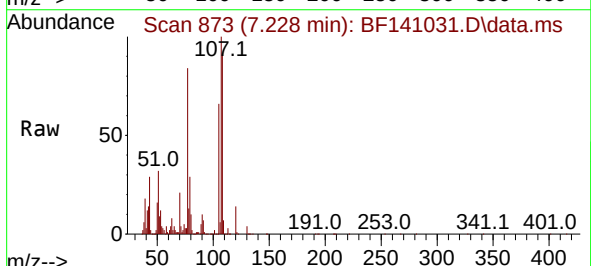
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

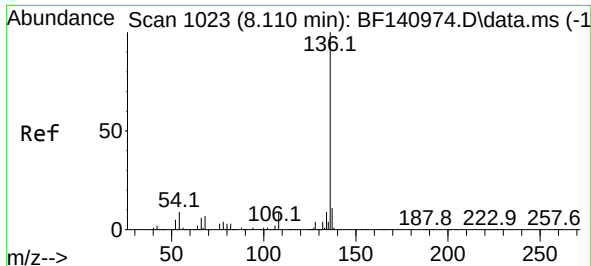
Tgt Ion: 70 Resp: 561042
Ion Ratio Lower Upper
70 100
42 59.7 48.1 72.1
101 9.7 7.6 11.4
130 22.0 16.6 24.8



#20
3+4-Methylphenols
Concen: 37.750 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 107 Resp: 807118
Ion Ratio Lower Upper
107 100
108 90.8 69.6 109.6
77 83.8 57.6 97.6
79 28.8 8.8 48.8



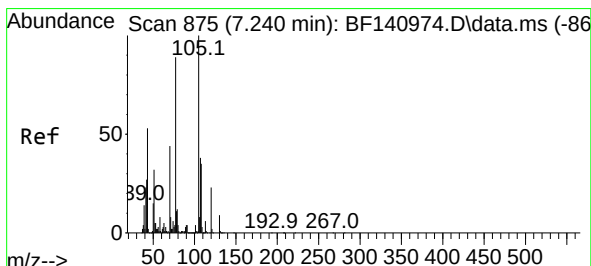
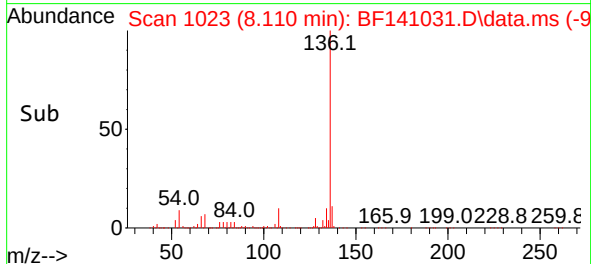
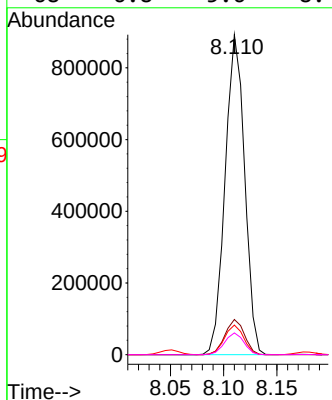
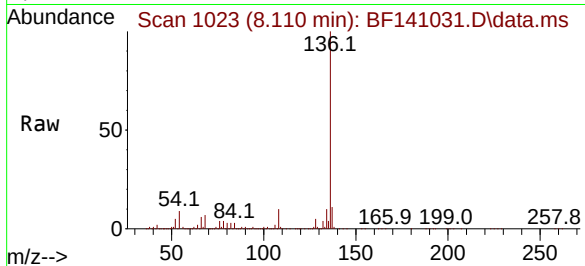


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1134328

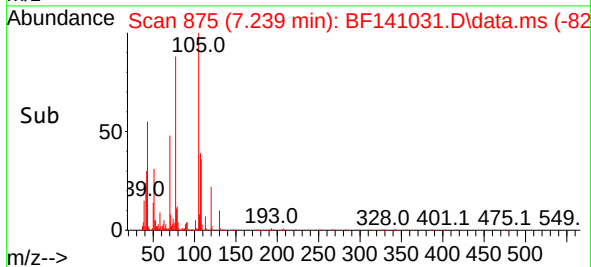
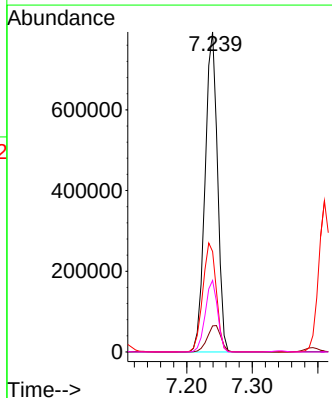
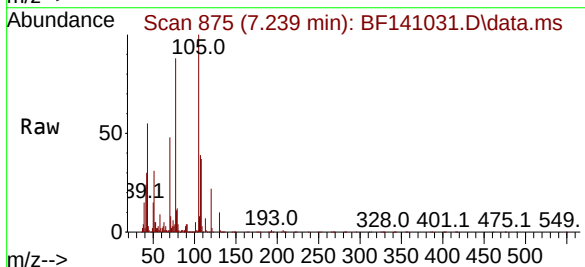
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.3	7.6	11.4
68	6.8	5.6	8.4

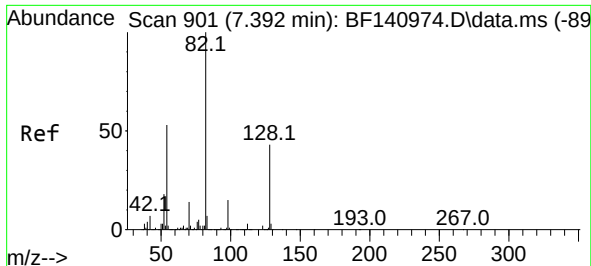


#22
Acetophenone
Concen: 37.589 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:105 Resp: 1045985

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.1	9.1
51	31.4	25.8	38.6
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 92.777 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

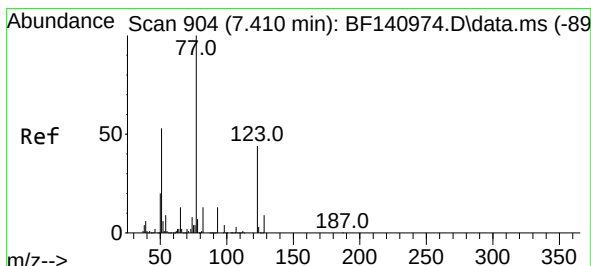
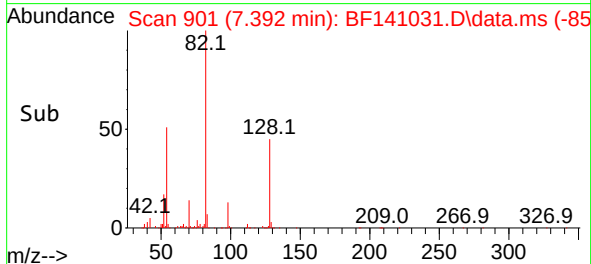
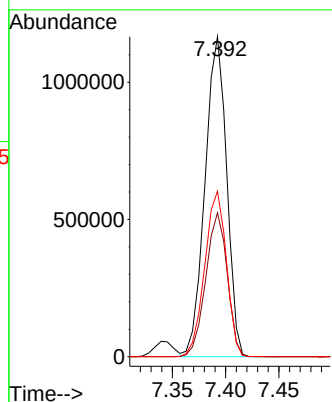
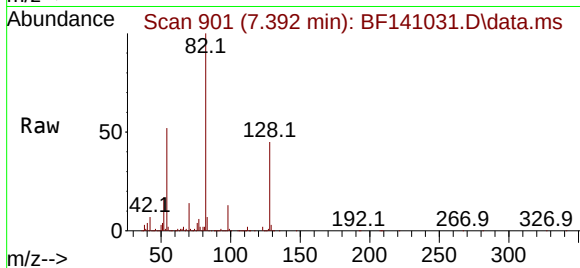
Tgt Ion: 82 Resp: 1644928

Ion Ratio Lower Upper

82 100

128 45.0 34.4 51.6

54 51.7 42.4 63.6



#24

Nitrobenzene

Concen: 43.922 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

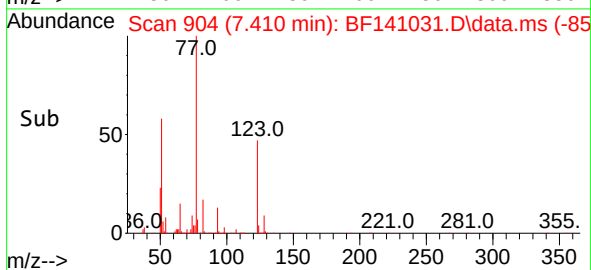
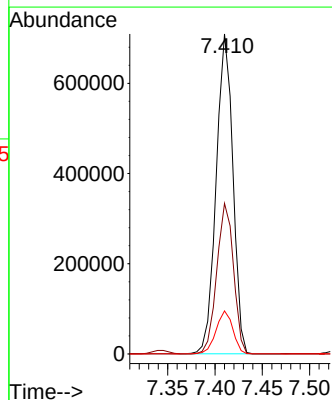
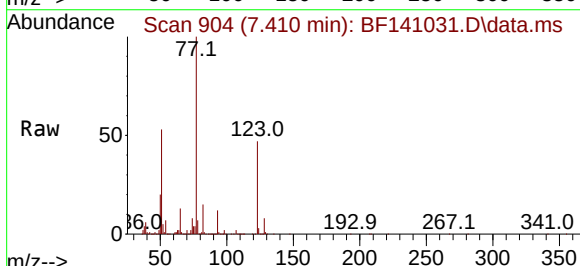
Tgt Ion: 77 Resp: 870161

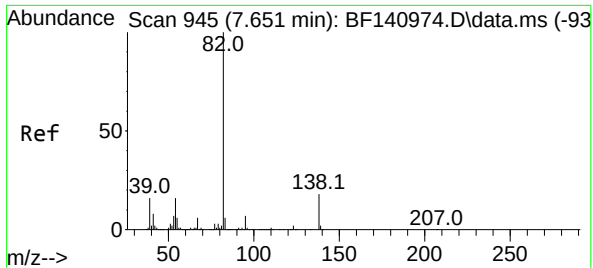
Ion Ratio Lower Upper

77 100

123 47.1 35.4 53.2

65 13.4 10.7 16.1

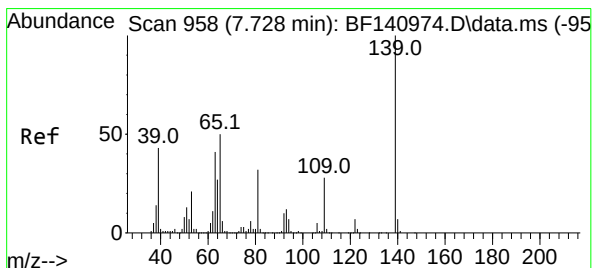
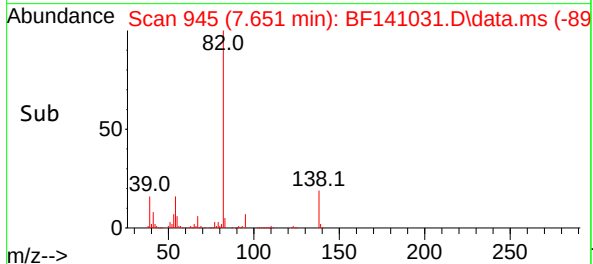
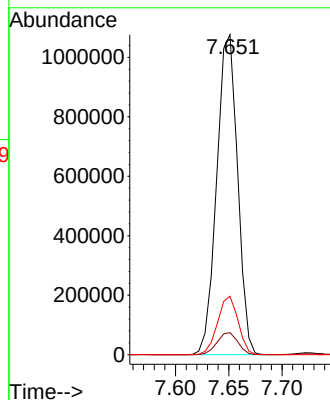
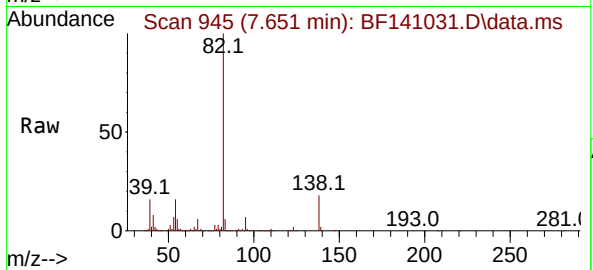




#25
Isophorone
Concen: 37.995 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

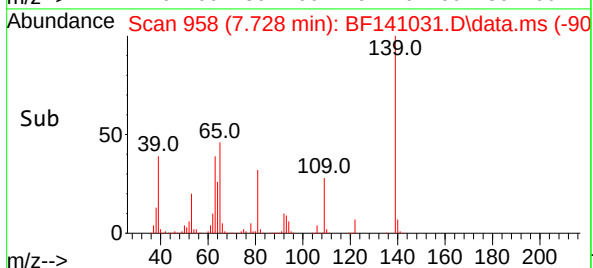
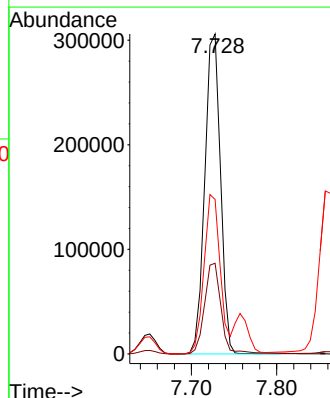
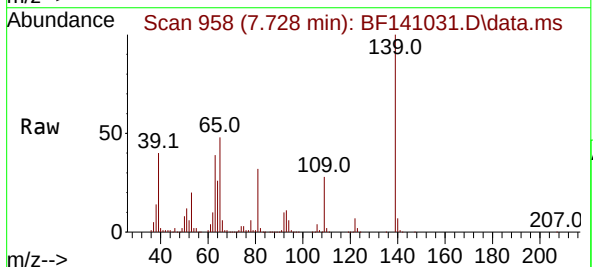
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

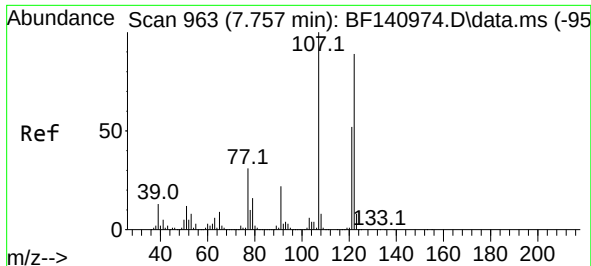
Tgt Ion: 82 Resp: 1465898
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 48.249 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:139 Resp: 391984
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 48.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 7.757 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

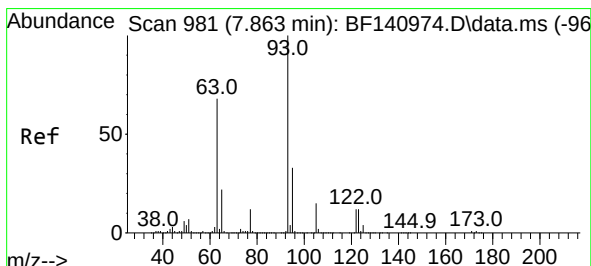
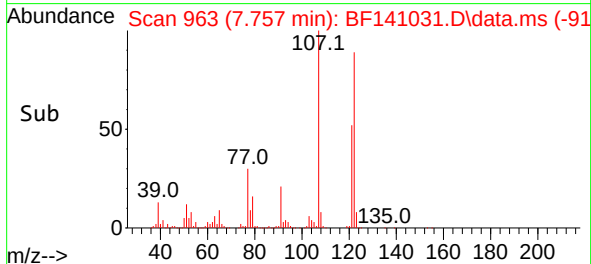
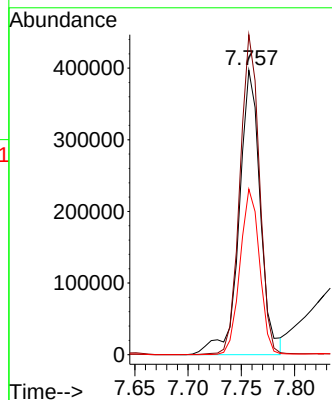
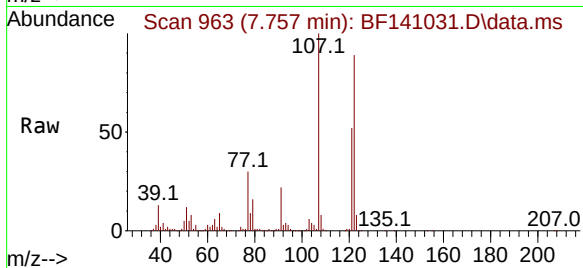
Tgt Ion:122 Resp: 548642

Ion Ratio Lower Upper

122 100

107 112.5 89.4 134.2

121 58.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.936 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

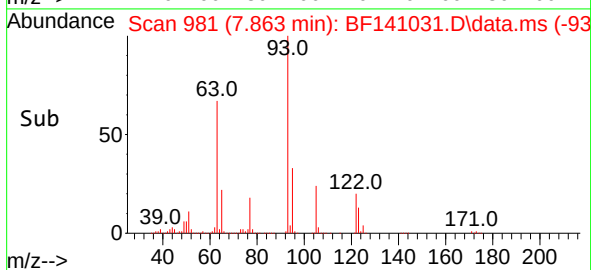
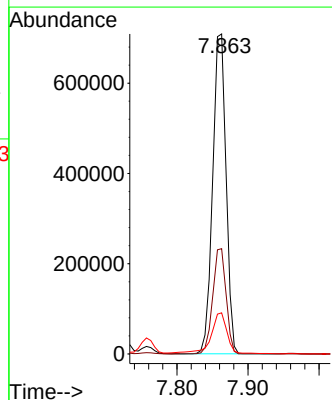
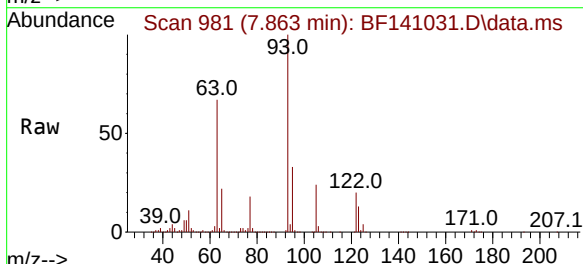
Tgt Ion: 93 Resp: 927341

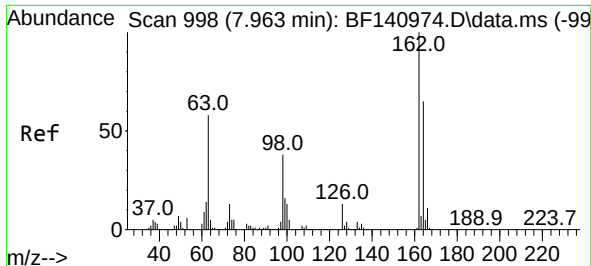
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.8 9.9 14.9

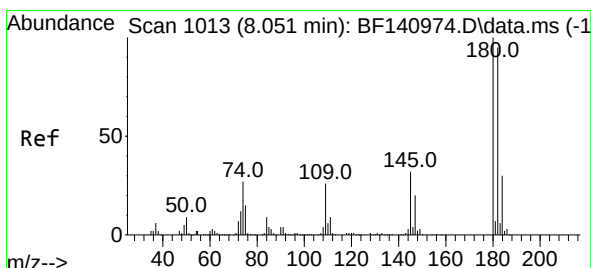
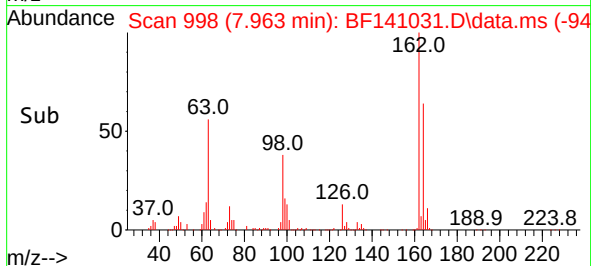
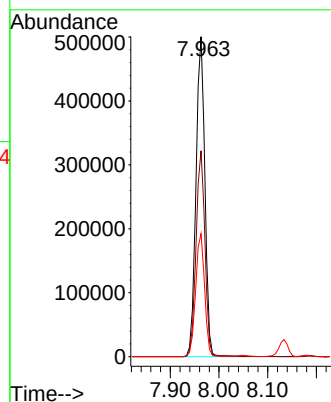
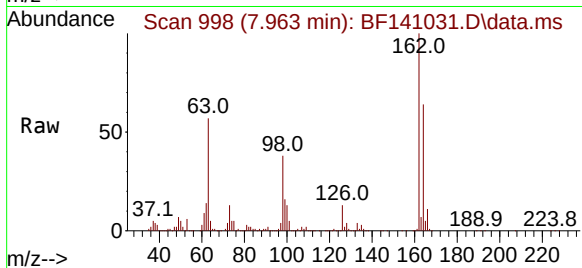




#29
2,4-Dichlorophenol
Concen: 40.029 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

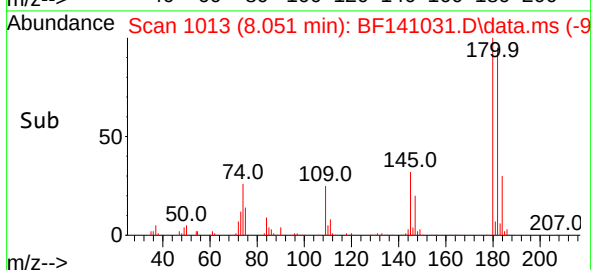
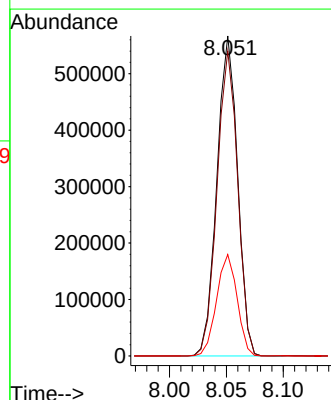
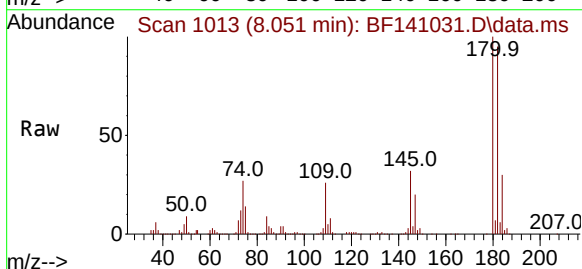
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

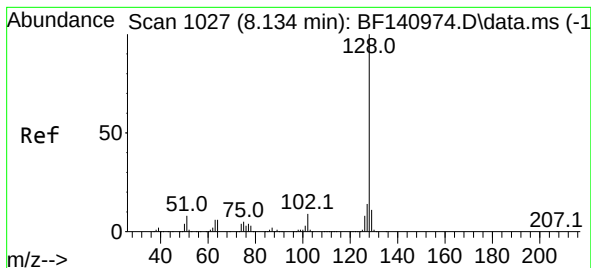
Tgt Ion:162 Resp: 640145
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 38.5 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.615 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:180 Resp: 717039
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 31.7 25.4 38.2





#31

Naphthalene

Concen: 38.348 ng

RT: 8.133 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

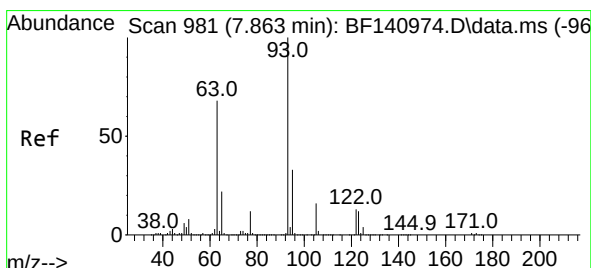
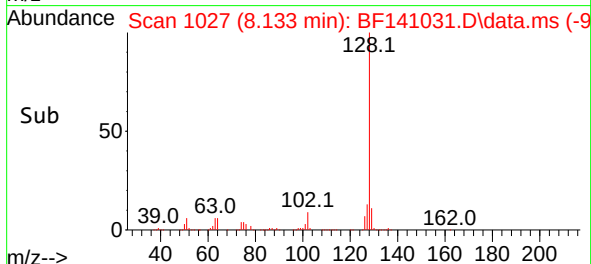
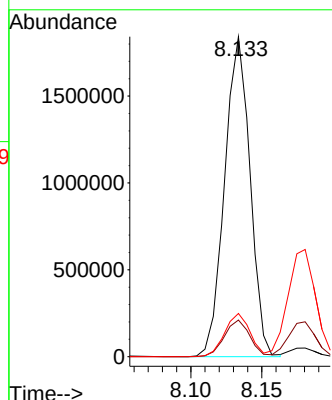
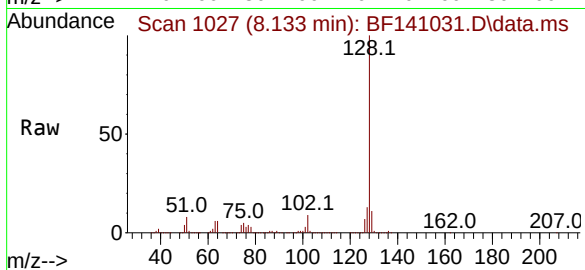
Tgt Ion:128 Resp: 2292123

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.5 11.0 16.4



#32

Benzoic acid

Concen: 47.041 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

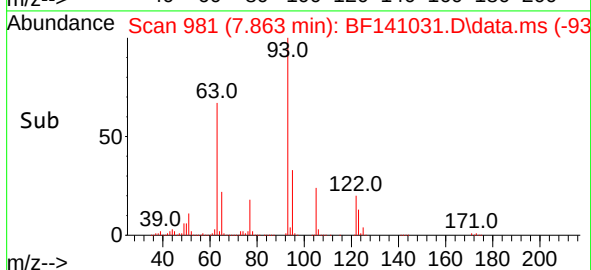
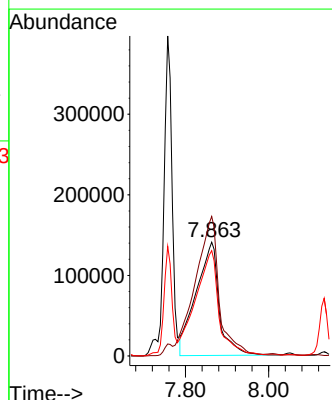
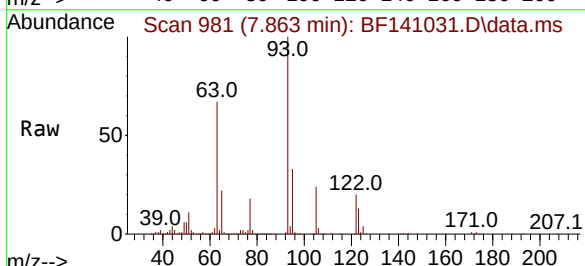
Tgt Ion:122 Resp: 543727

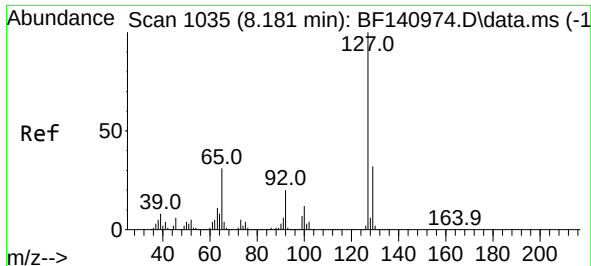
Ion Ratio Lower Upper

122 100

105 122.7 105.4 145.4

77 92.5 76.4 116.4

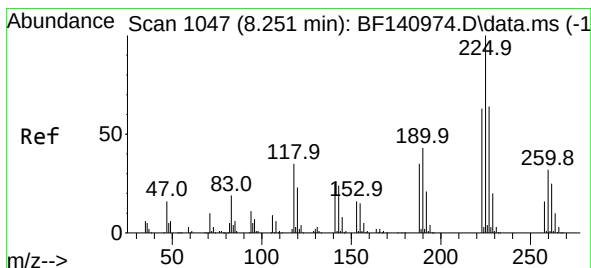
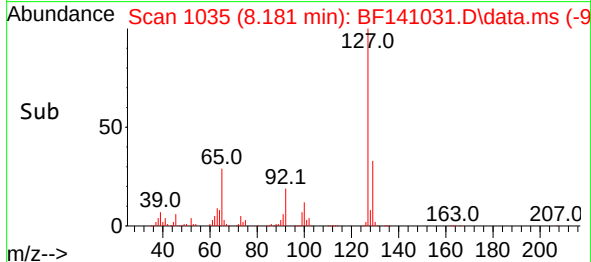
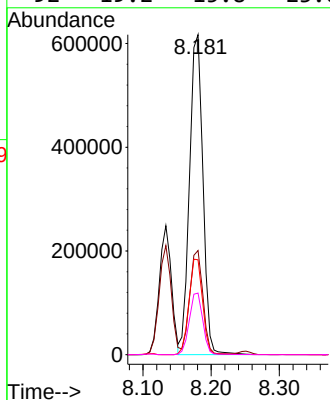
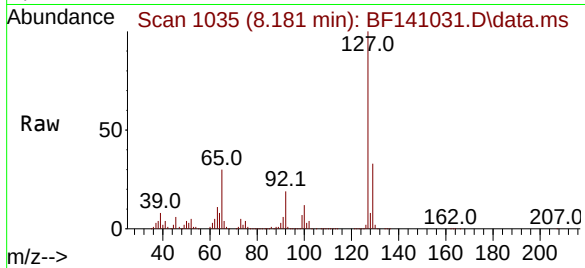




#33
4-Chloroaniline
Concen: 38.815 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

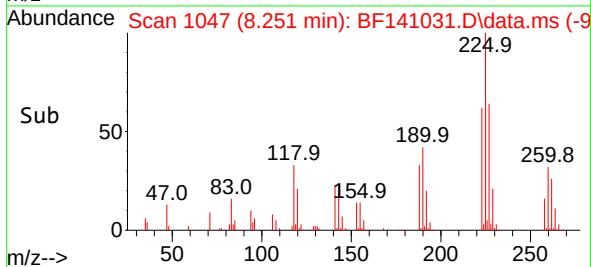
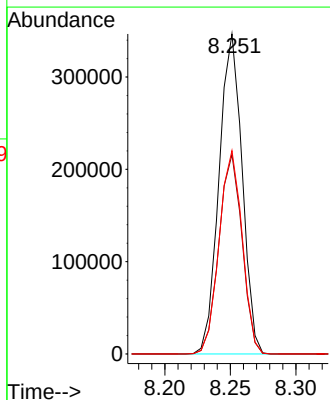
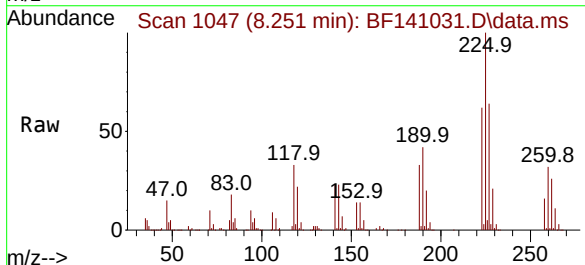
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

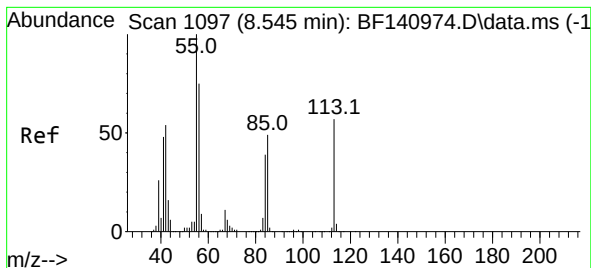
Tgt Ion:	127	Resp:	839322
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.6	24.6	37.0
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.732 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:	225	Resp:	423961
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	63.6	50.8	76.2





#35

Caprolactam

Concen: 40.135 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

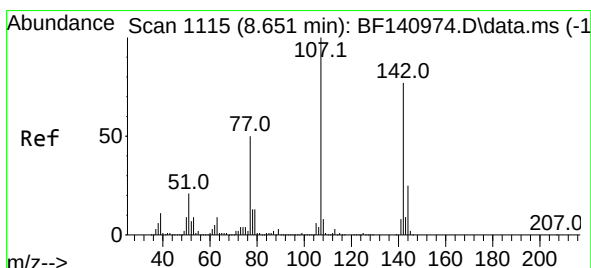
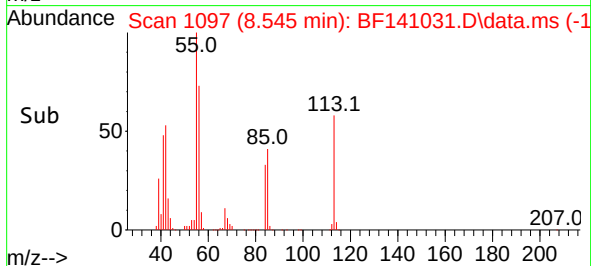
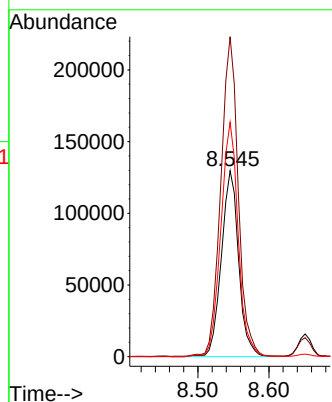
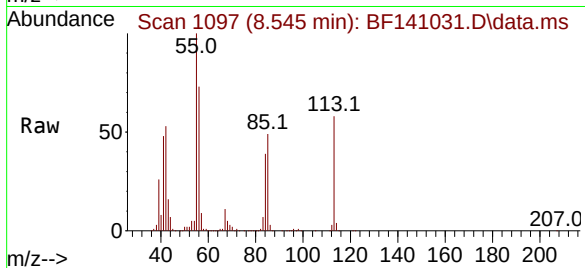
Tgt Ion:113 Resp: 218197

Ion Ratio Lower Upper

113 100

55 172.1 156.6 196.6

56 126.1 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 38.832 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

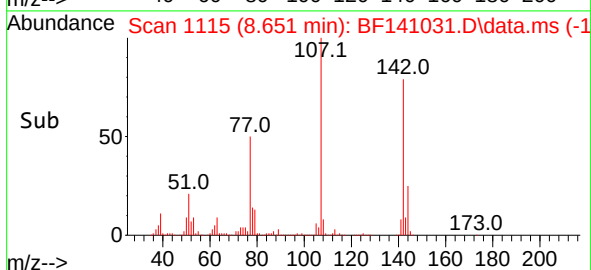
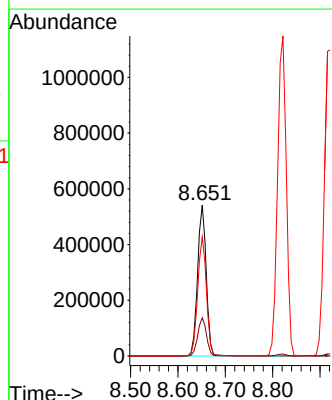
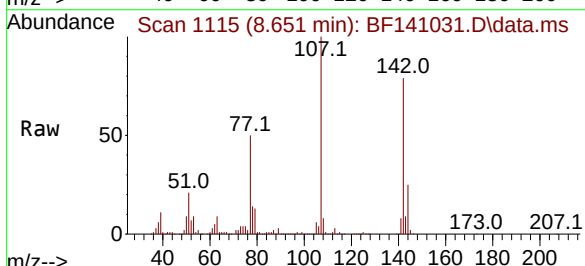
Tgt Ion:107 Resp: 689648

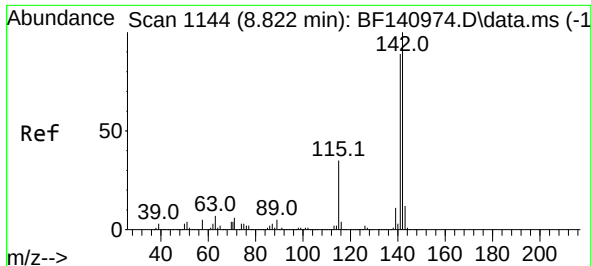
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 78.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.374 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

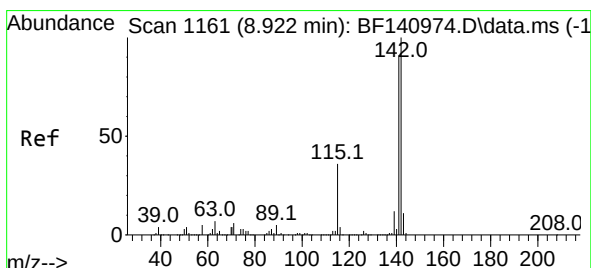
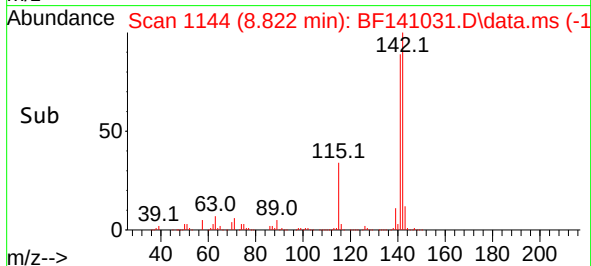
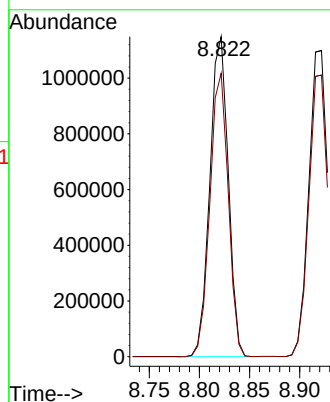
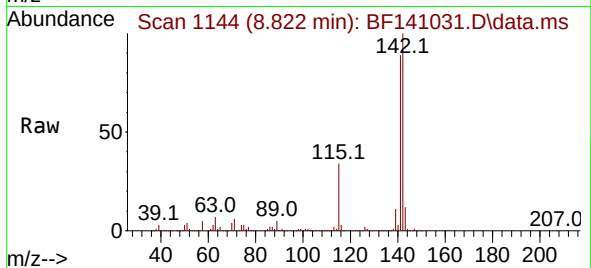
SSTDCCC040

Tgt Ion:142 Resp: 1467366

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.352 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141031.D

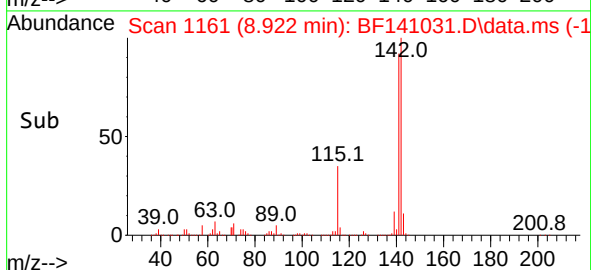
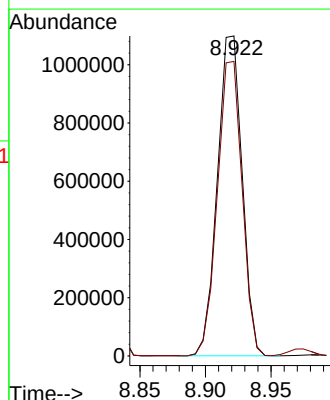
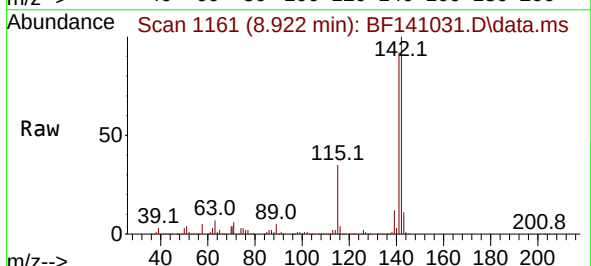
Acq: 30 Dec 2024 15:20

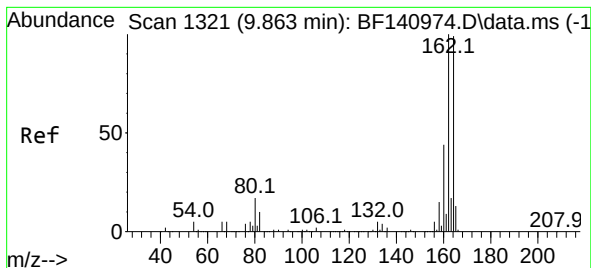
Tgt Ion:142 Resp: 1441253

Ion Ratio Lower Upper

142 100

141 92.0 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: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

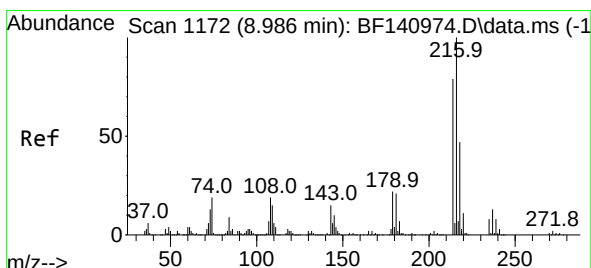
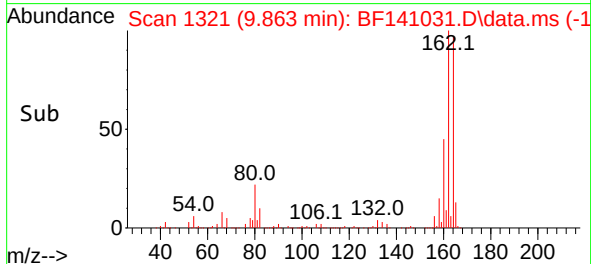
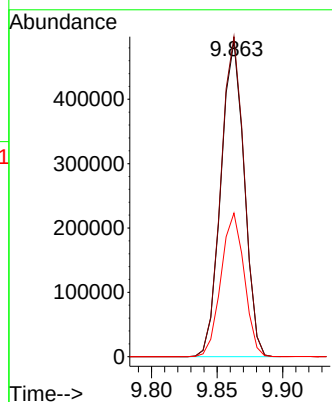
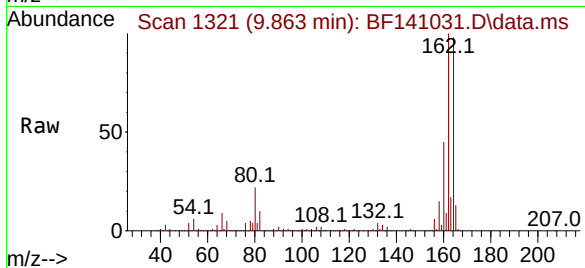
Tgt Ion:164 Resp: 604245

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.5 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.579 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:216 Resp: 657935

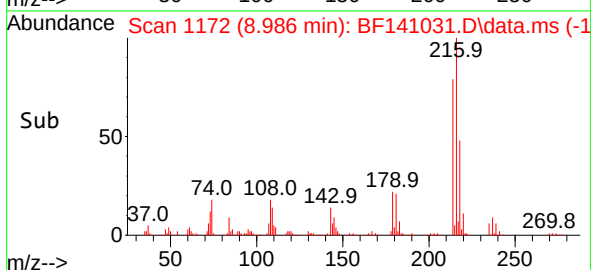
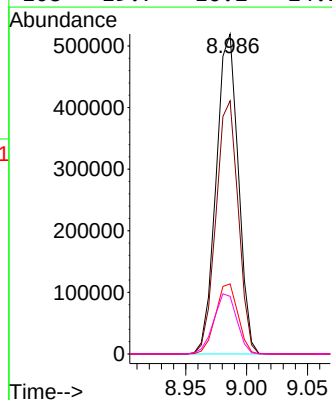
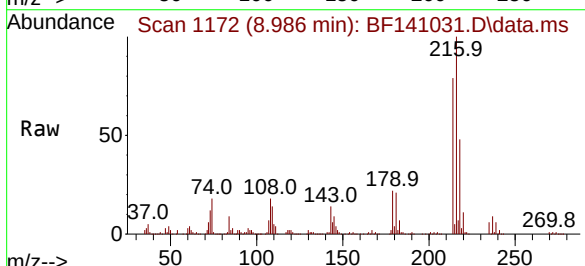
Ion Ratio Lower Upper

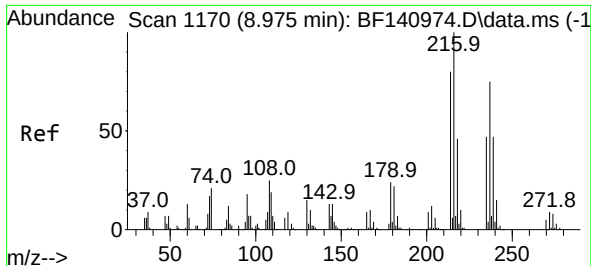
216 100

214 79.2 63.0 94.6

179 22.1 17.9 26.9

108 19.7 16.2 24.2

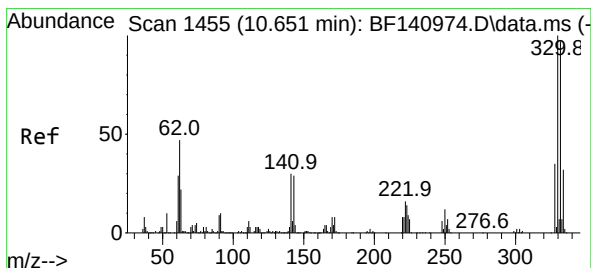
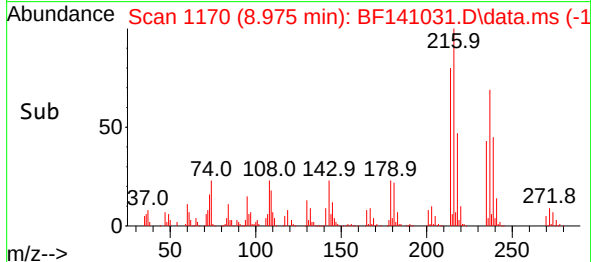
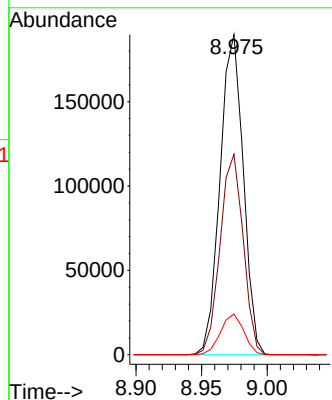
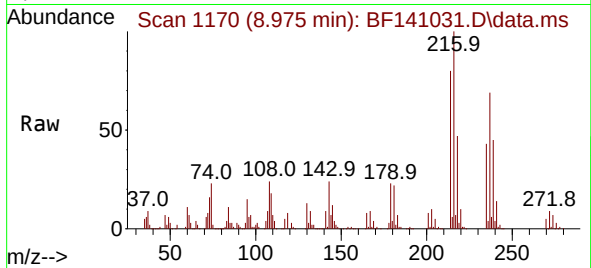




#41
Hexachlorocyclopentadiene
Concen: 42.427 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

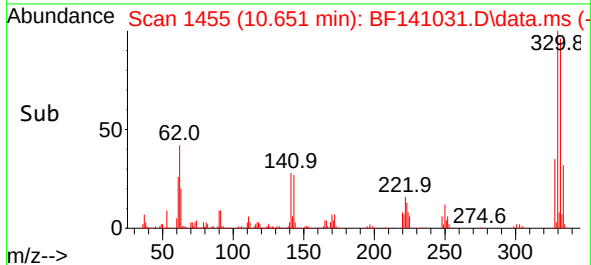
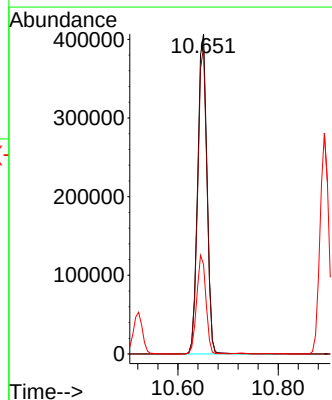
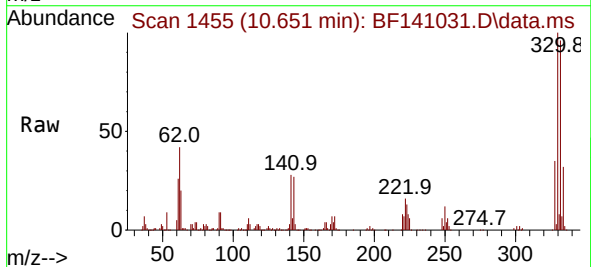
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

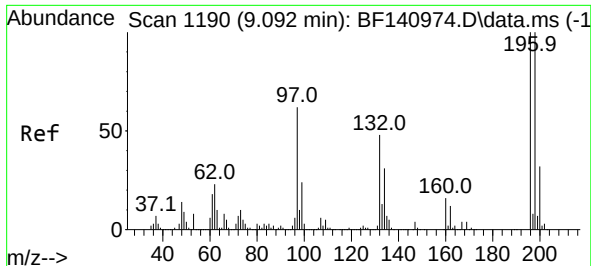
Tgt Ion:237 Resp: 233722
Ion Ratio Lower Upper
237 100
235 62.6 43.4 83.4
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 88.948 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:330 Resp: 522259
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 30.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 41.001 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

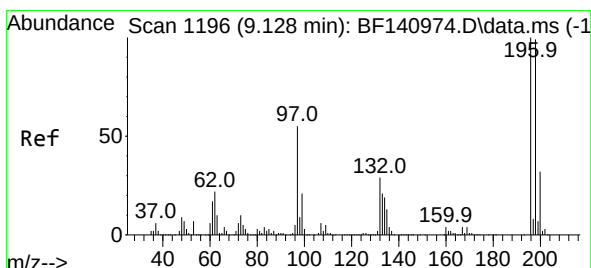
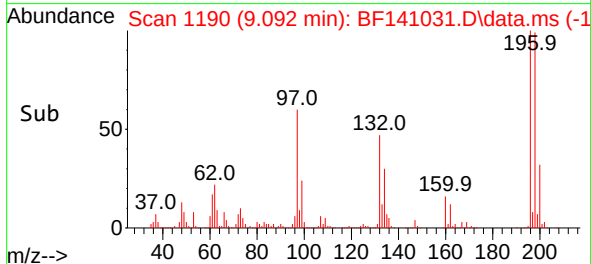
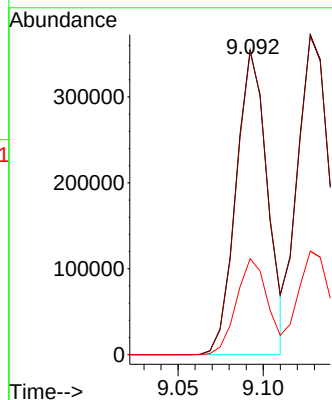
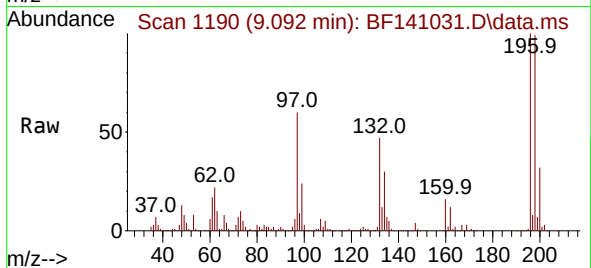
Tgt Ion:196 Resp: 453624

Ion Ratio Lower Upper

196 100

198 99.5 80.2 120.4

200 31.5 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 42.819 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:196 Resp: 484734

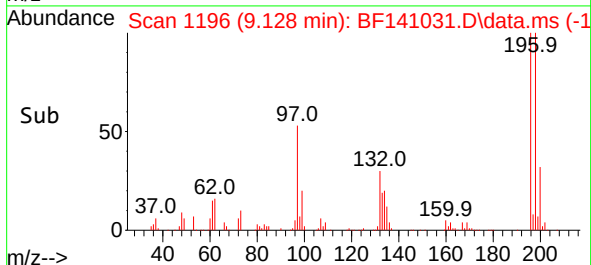
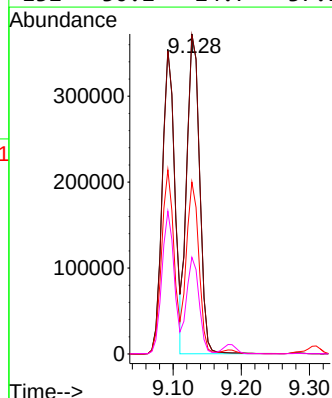
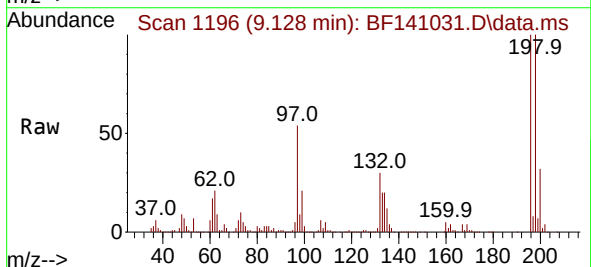
Ion Ratio Lower Upper

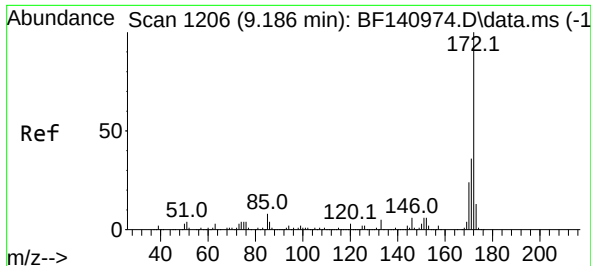
196 100

198 99.6 79.9 119.9

97 53.8 44.3 66.5

132 30.2 24.7 37.1

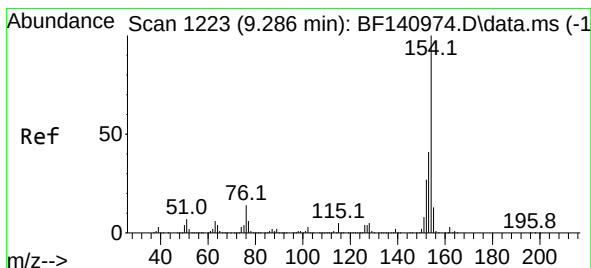
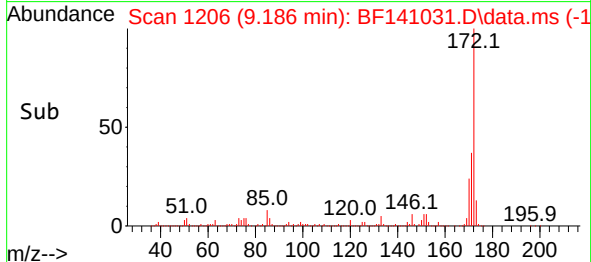
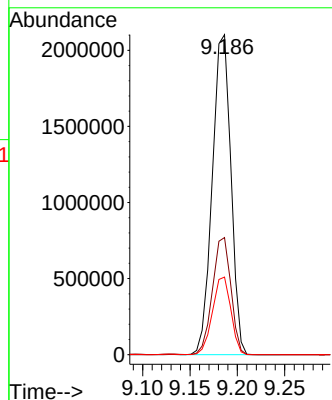
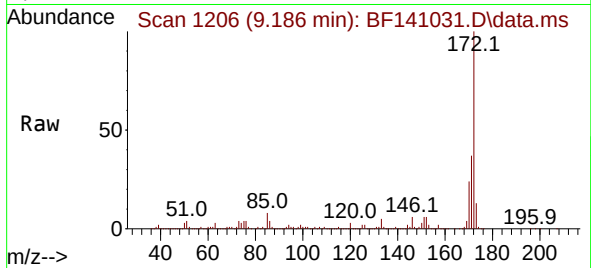




#45
2-Fluorobiphenyl
Concen: 75.691 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

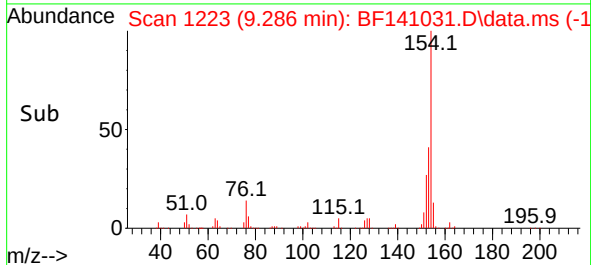
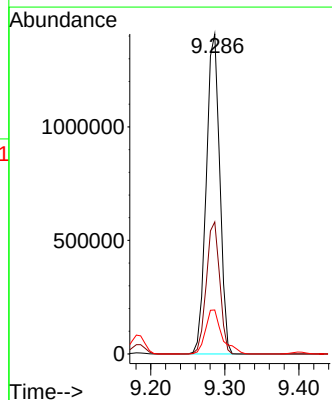
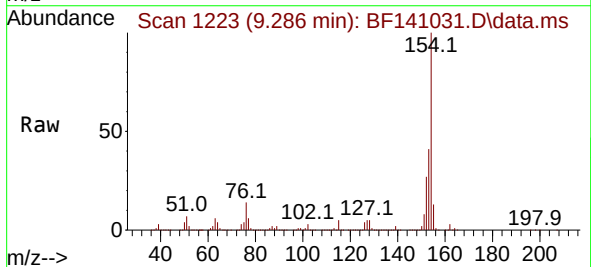
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

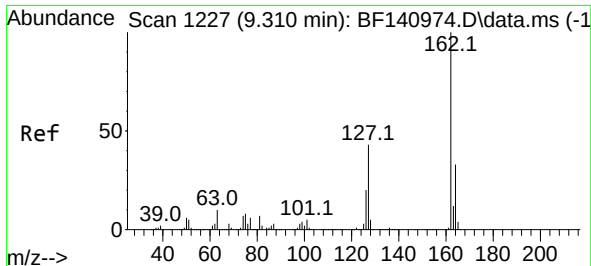
Tgt Ion:172 Resp: 2870617
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 38.352 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:154 Resp: 1774415
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.8 0.0 34.0

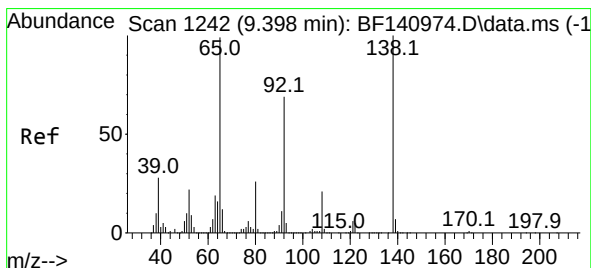
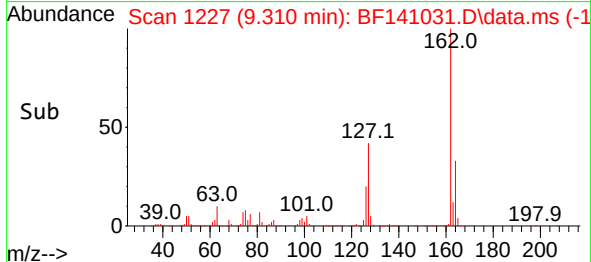
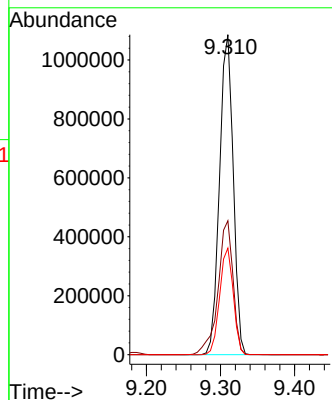
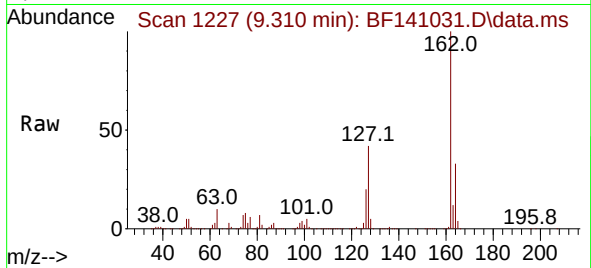




#47
2-Chloronaphthalene
Concen: 38.869 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

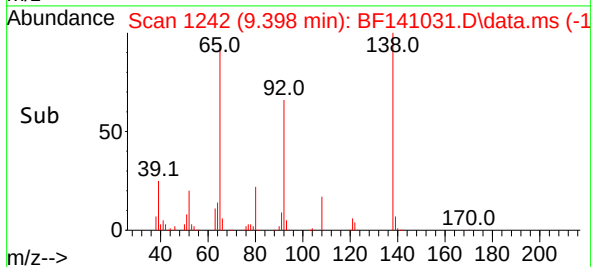
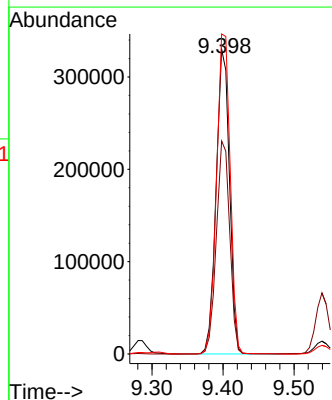
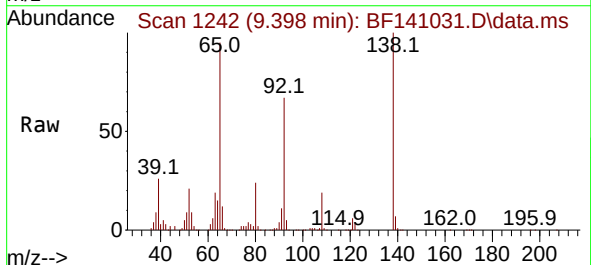
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

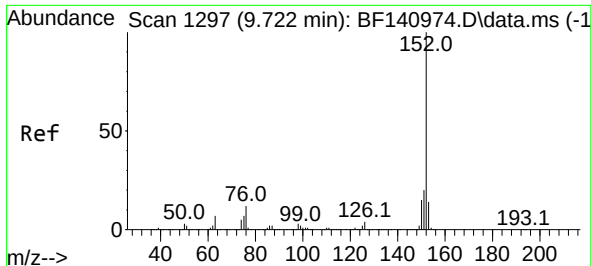
Tgt Ion:162 Resp: 1394740
Ion Ratio Lower Upper
162 100
127 41.9 34.2 51.4
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 46.083 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

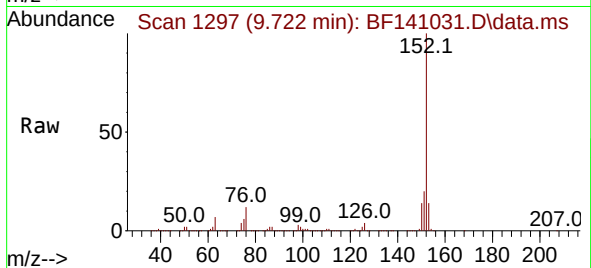
Tgt Ion: 65 Resp: 430660
Ion Ratio Lower Upper
65 100
92 69.9 55.6 83.4
138 105.0 80.5 120.7



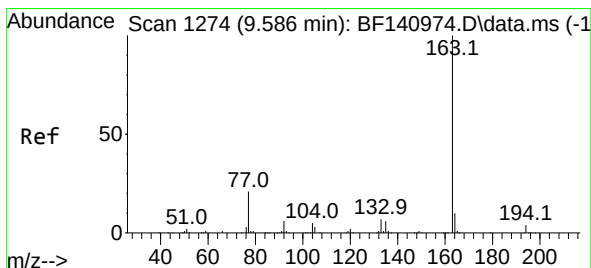
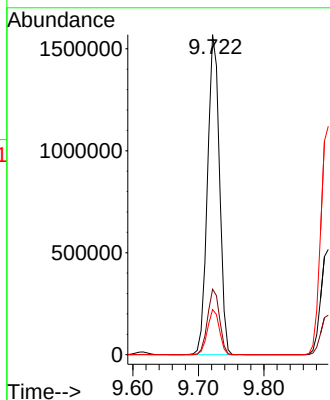
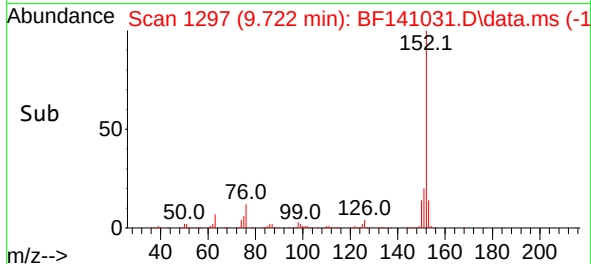


#49
Acenaphthylene
Concen: 38.686 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

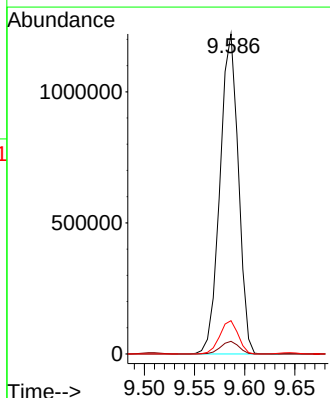
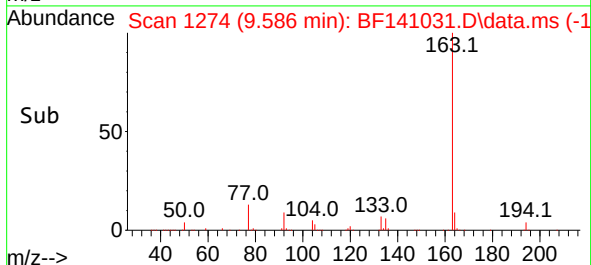
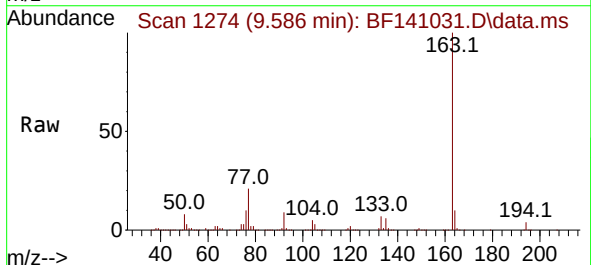


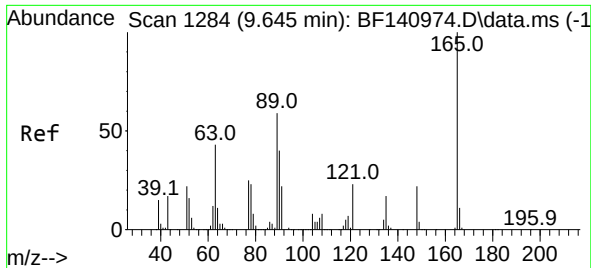
Tgt Ion:152 Resp: 1998339
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 39.070 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:163 Resp: 1552832
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.3 12.5

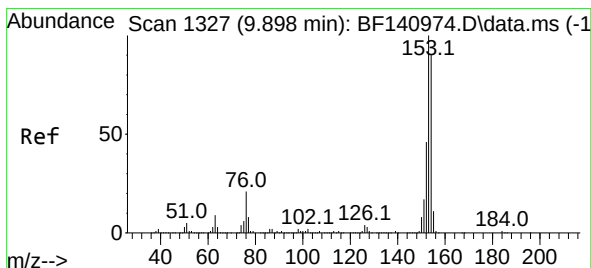
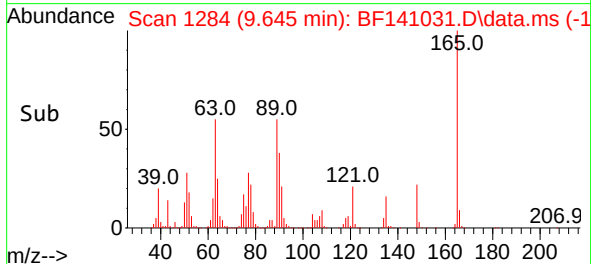
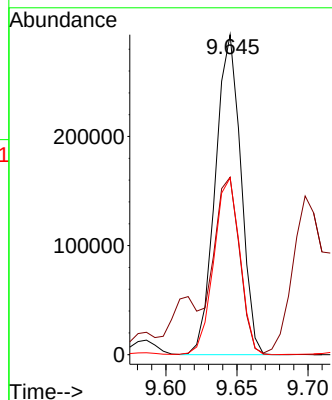
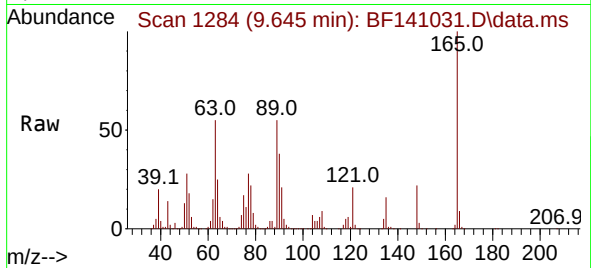




#51
2,6-Dinitrotoluene
Concen: 45.428 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

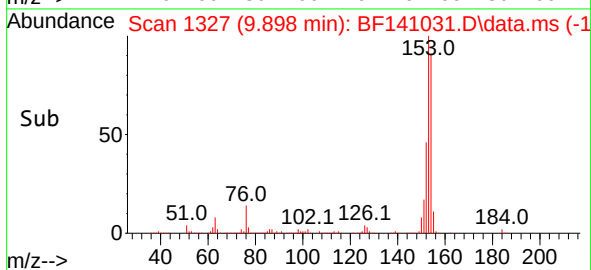
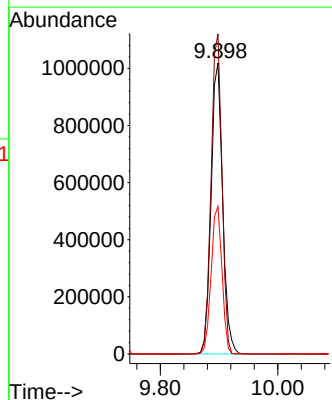
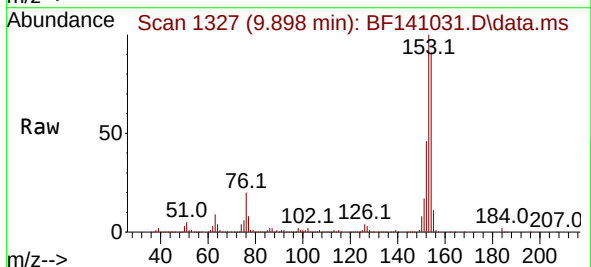
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

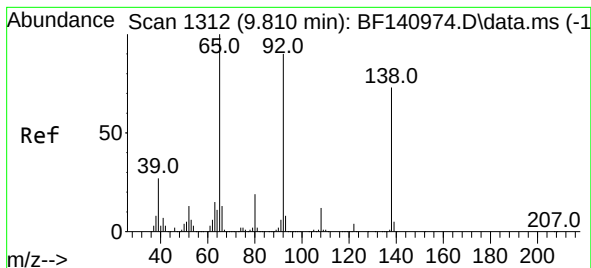
Tgt Ion:165 Resp: 366493
Ion Ratio Lower Upper
165 100
63 55.4 47.1 70.7
89 55.3 47.0 70.4



#52
Acenaphthene
Concen: 39.831 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:154 Resp: 1390959
Ion Ratio Lower Upper
154 100
153 110.0 89.2 133.8
152 50.7 40.9 61.3





#53

3-Nitroaniline

Concen: 44.272 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

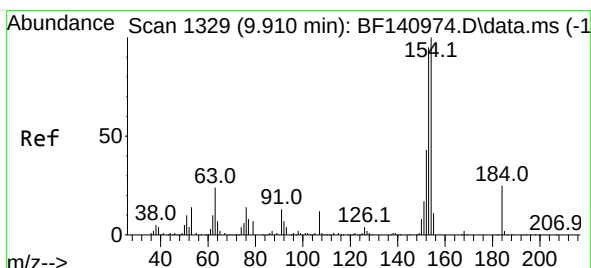
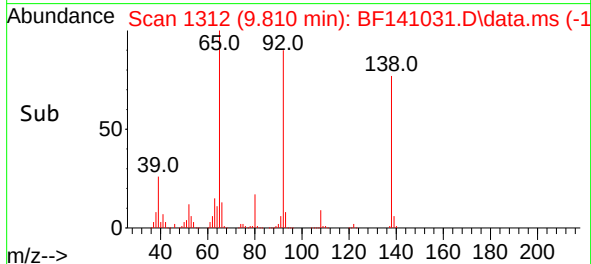
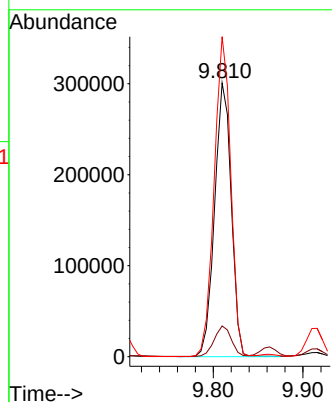
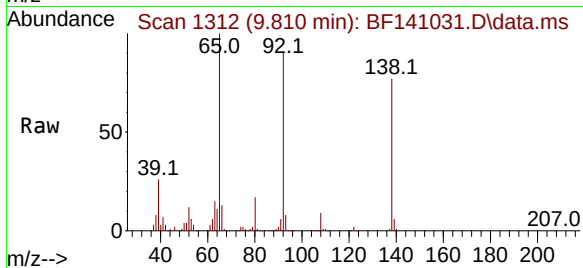
Tgt Ion:138 Resp: 387849

Ion Ratio Lower Upper

138 100

108 11.2 13.5 20.3#

92 116.9 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 56.064 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

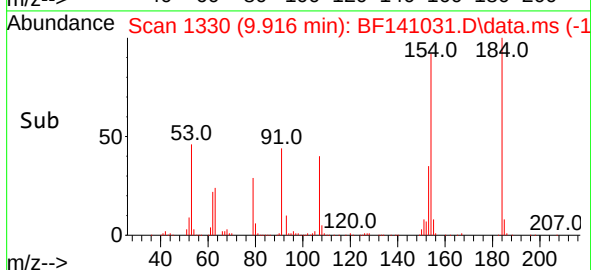
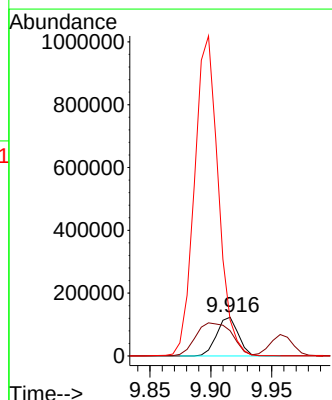
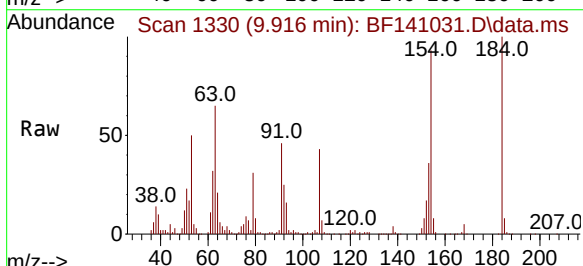
Tgt Ion:184 Resp: 152915

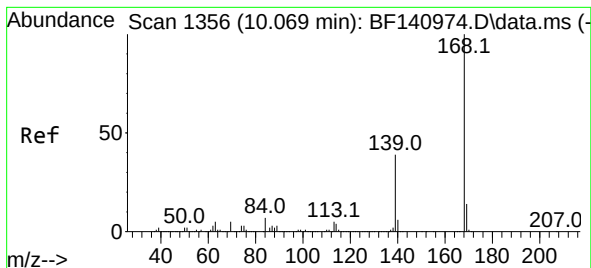
Ion Ratio Lower Upper

184 100

63 65.4 81.6 122.4#

154 92.6 363.5 545.3#

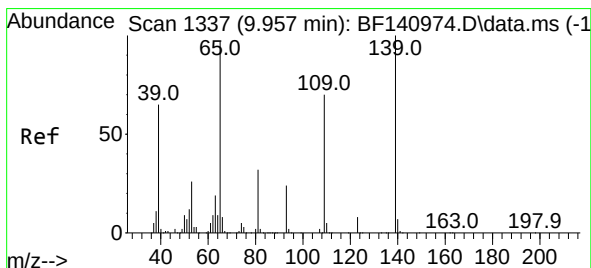
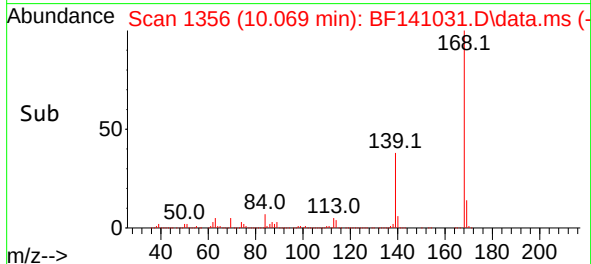
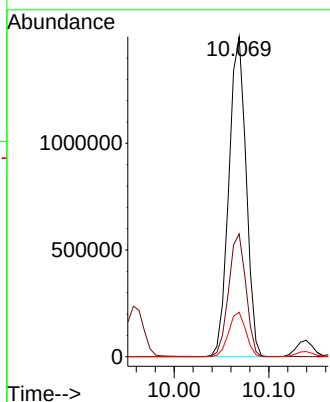
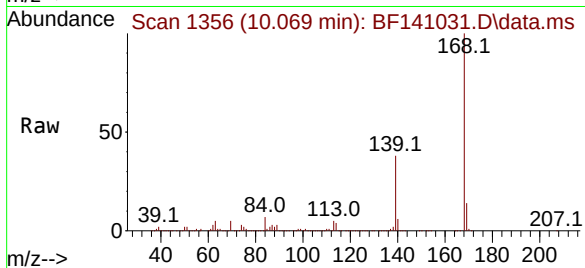




#55
Dibenzenofuran
Concen: 38.665 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

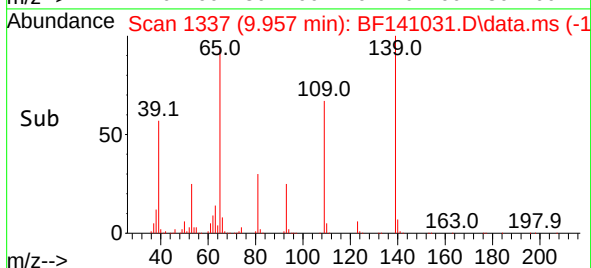
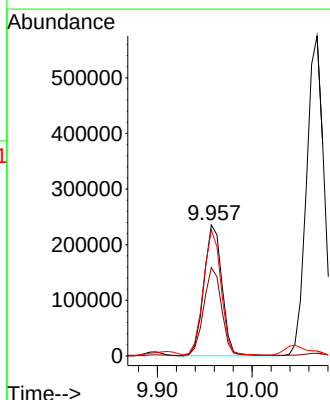
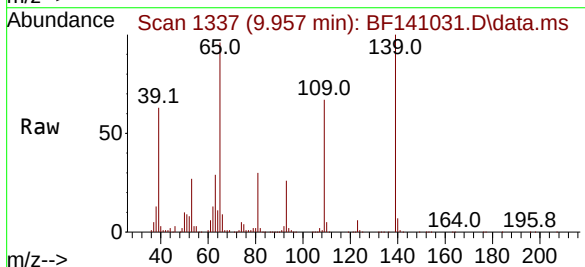
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

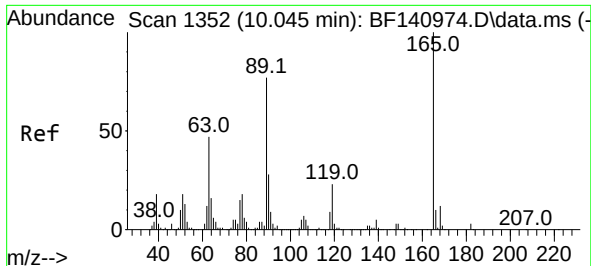
Tgt Ion:168 Resp: 1897580
Ion Ratio Lower Upper
168 100
139 38.4 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 45.778 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:139 Resp: 311229
Ion Ratio Lower Upper
139 100
109 67.3 50.8 90.8
65 96.0 78.5 118.5

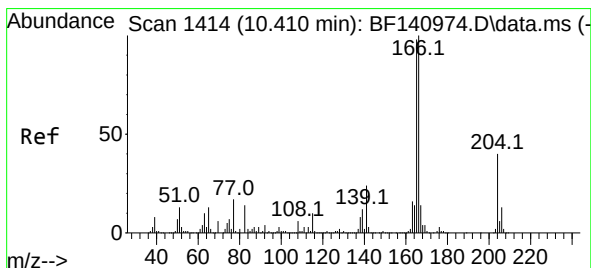
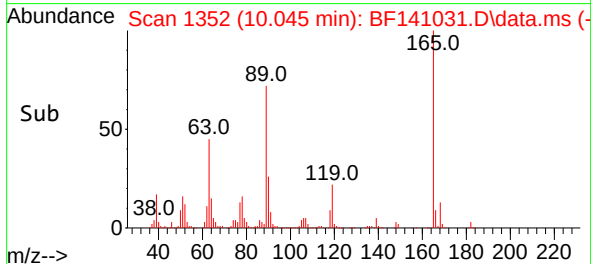
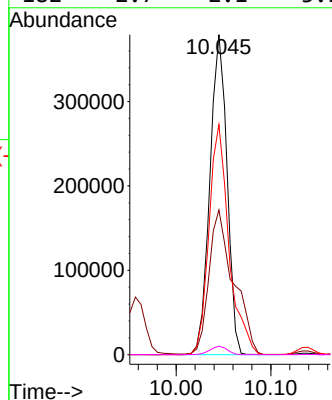
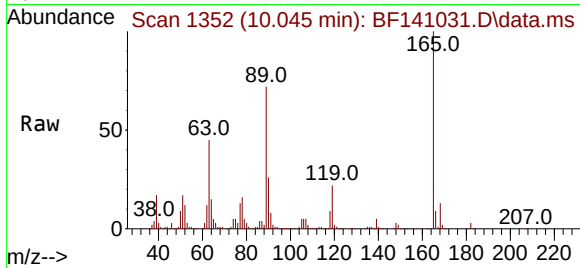




#57
2,4-Dinitrotoluene
Concen: 47.955 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

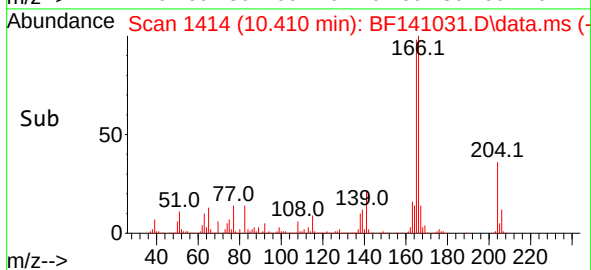
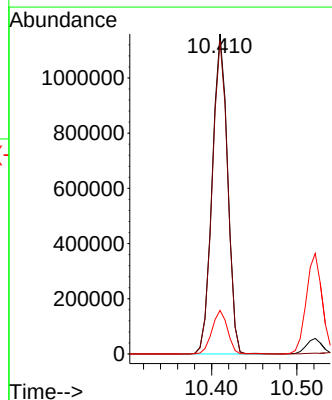
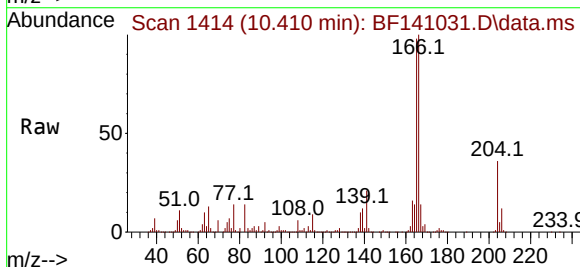
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

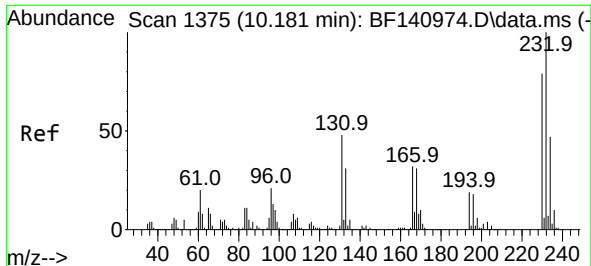
Tgt Ion:165 Resp: 475598
Ion Ratio Lower Upper
165 100
63 45.2 38.1 57.1
89 71.9 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.157 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:166 Resp: 1452134
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.6 10.9 16.3

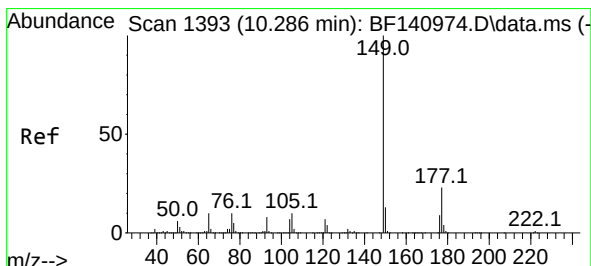
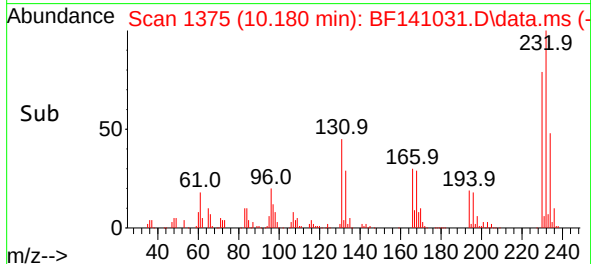
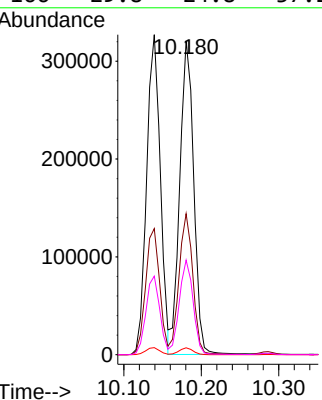
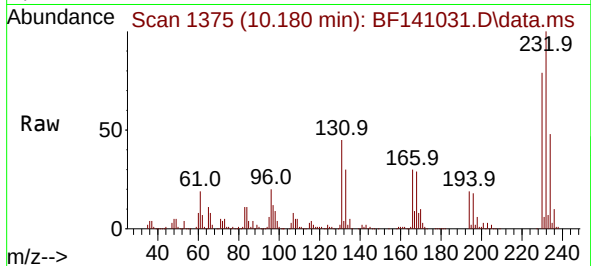




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.815 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

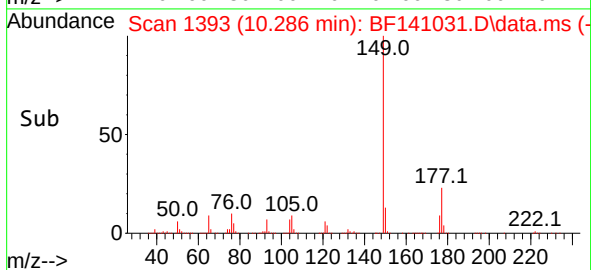
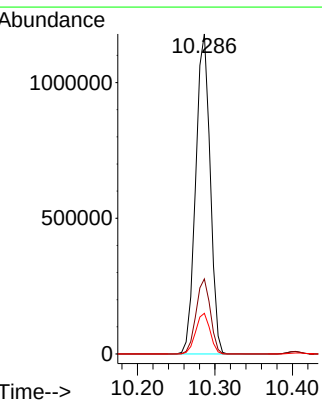
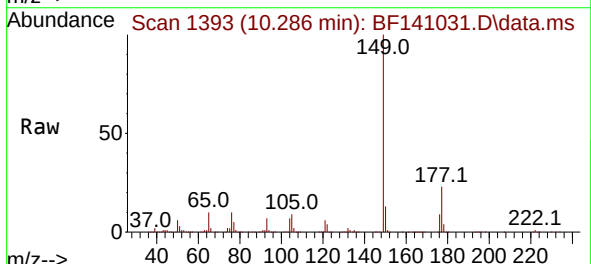
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

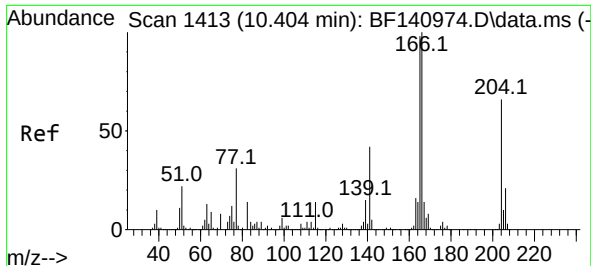
Tgt Ion:232 Resp: 401409
Ion Ratio Lower Upper
232 100
131 44.7 37.4 56.2
130 2.2 1.8 2.8
166 29.8 24.8 37.2



#60
Diethylphthalate
Concen: 38.805 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:149 Resp: 1522617
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.7 10.4 15.6

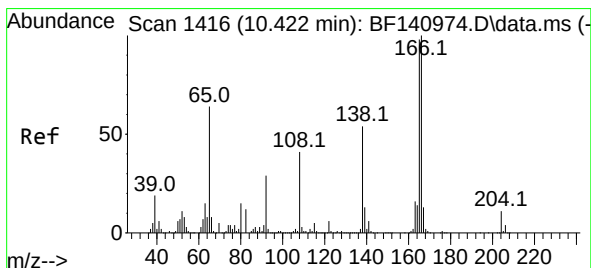
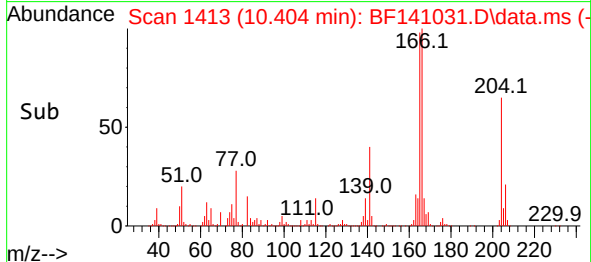
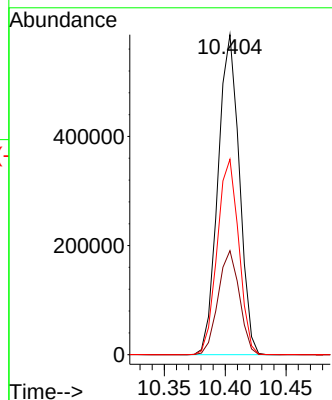
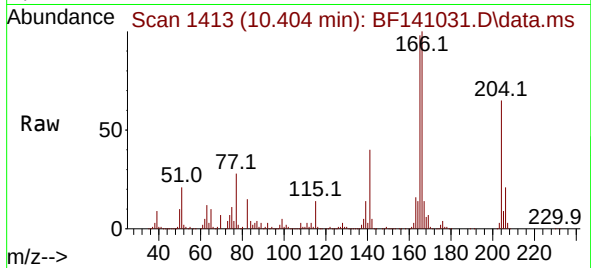




#61
4-Chlorophenyl-phenylether
Concen: 39.104 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

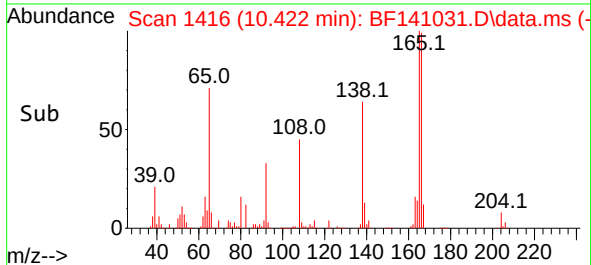
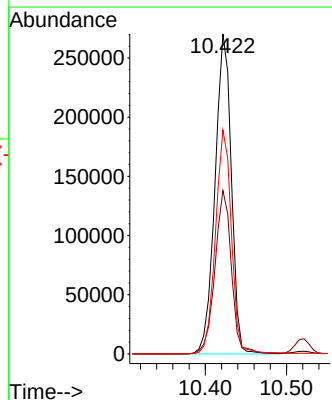
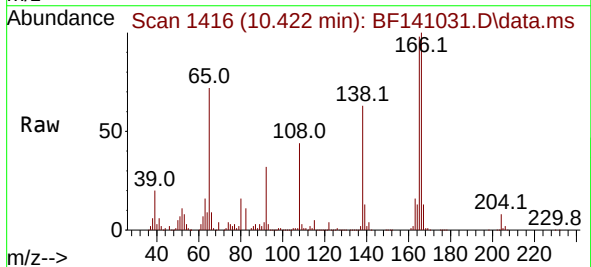
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

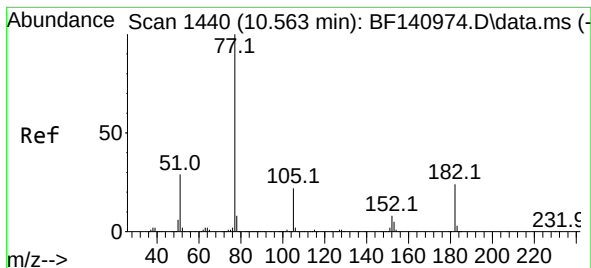
Tgt Ion:204 Resp: 716079
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 43.316 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:138 Resp: 378356
Ion Ratio Lower Upper
138 100
92 51.1 34.8 74.8
108 70.0 55.9 95.9





#63

Azobenzene

Concen: 37.680 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1551826

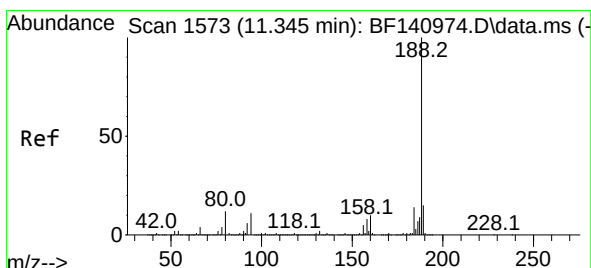
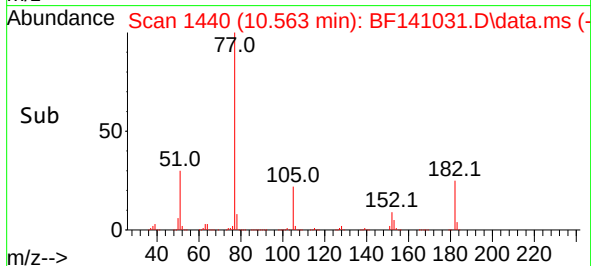
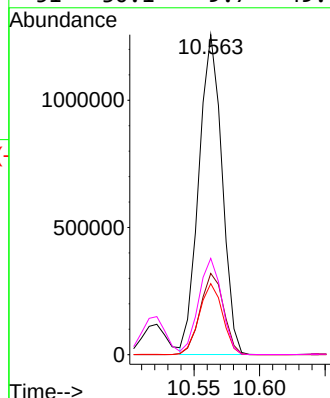
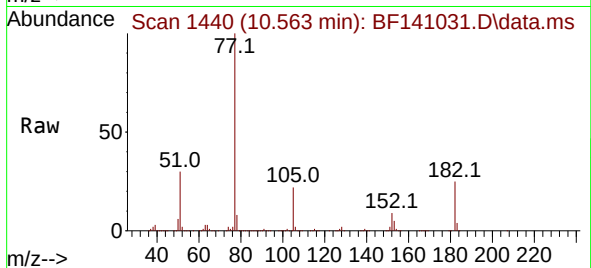
Ion Ratio Lower Upper

77 100

182 25.4 4.1 44.1

105 22.2 1.8 41.8

51 30.1 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: BF141031.D

Acq: 30 Dec 2024 15:20

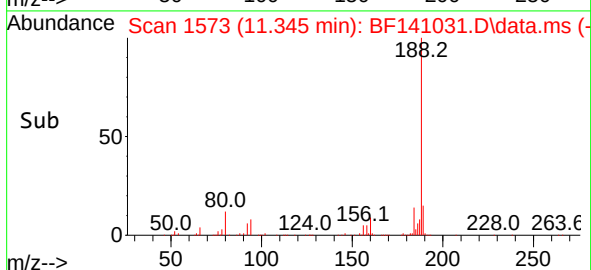
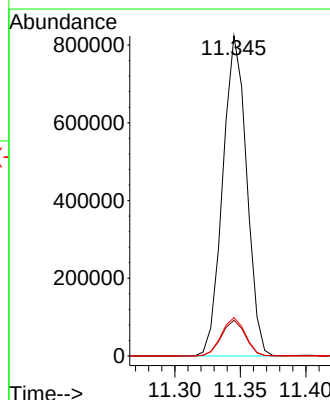
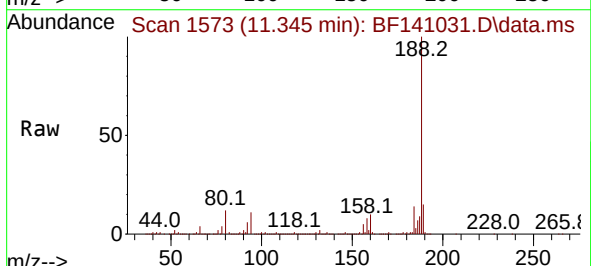
Tgt Ion:188 Resp: 1042118

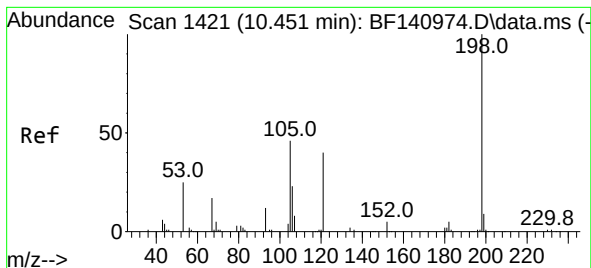
Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.0 9.8 14.6

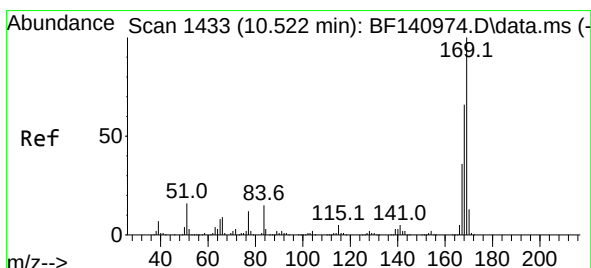
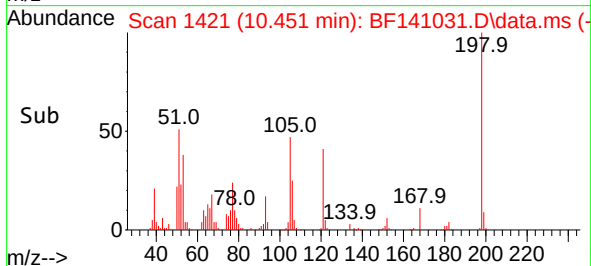
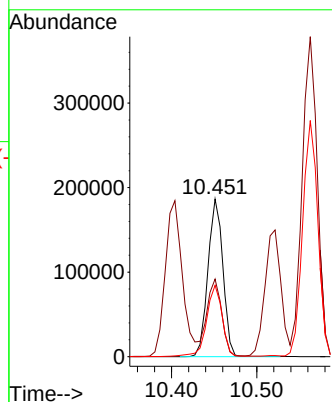
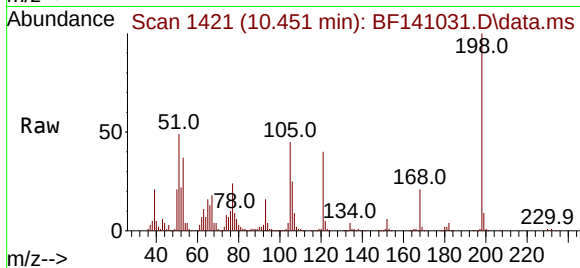




#65
4,6-Dinitro-2-methylphenol
Concen: 53.525 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

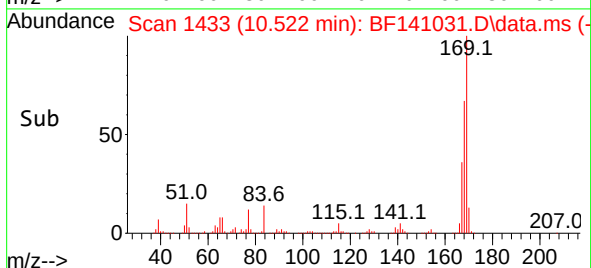
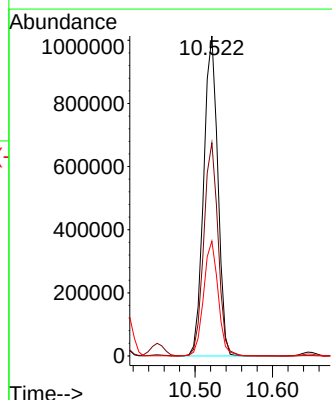
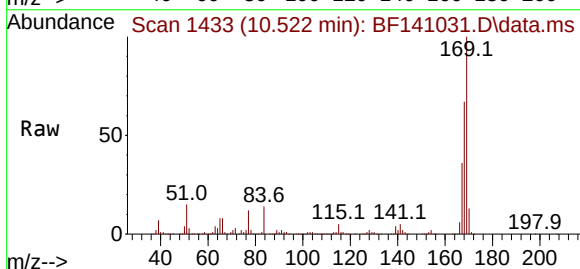
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

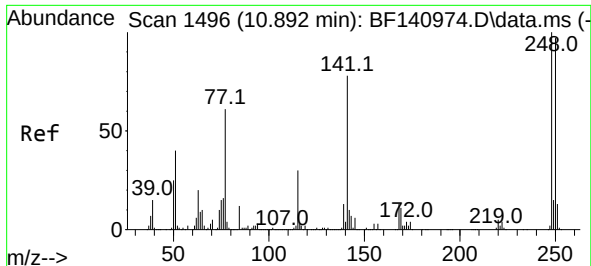
Tgt Ion:198 Resp: 227945
Ion Ratio Lower Upper
198 100
51 49.2 32.3 72.3
105 45.3 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 39.124 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:169 Resp: 1283897
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 35.9 29.0 43.4

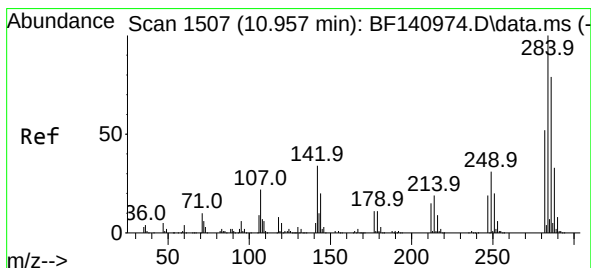
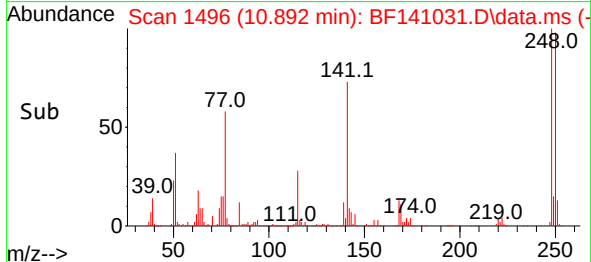
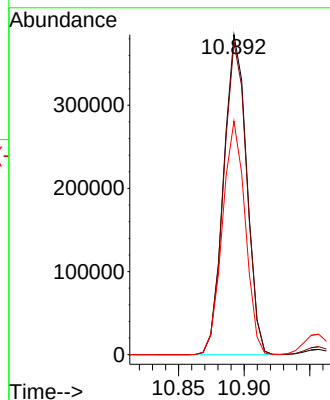
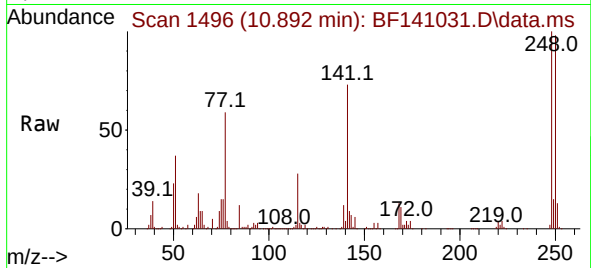




#67
4-Bromophenyl-phenylether
Concen: 41.777 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

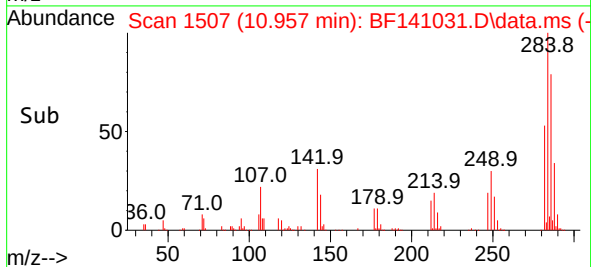
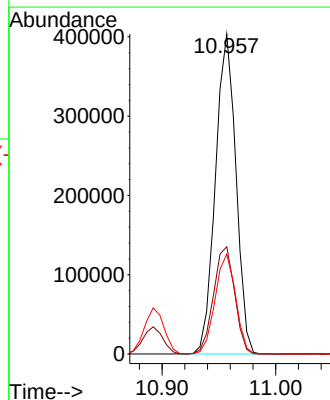
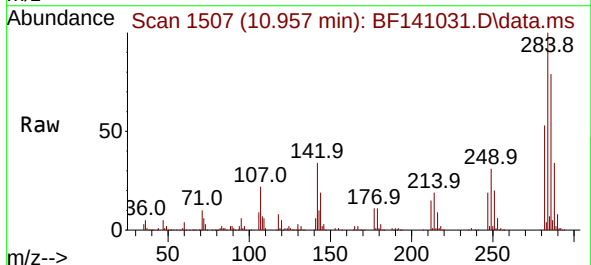
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

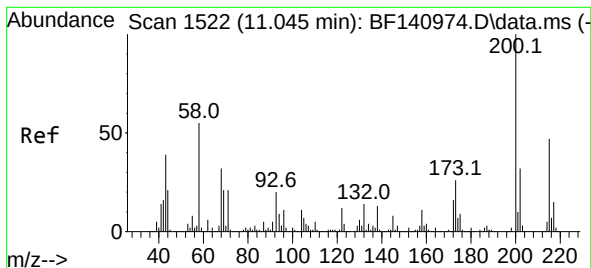
Tgt Ion:248 Resp: 470632
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 73.0 62.1 93.1



#68
Hexachlorobenzene
Concen: 40.722 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:284 Resp: 505851
Ion Ratio Lower Upper
284 100
142 33.5 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 34.671 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

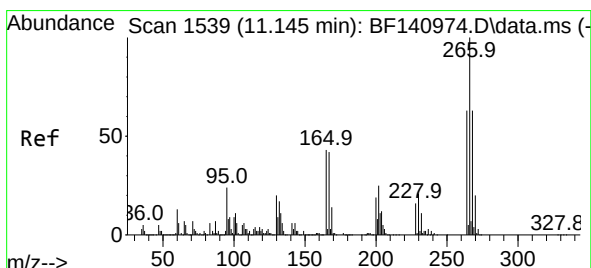
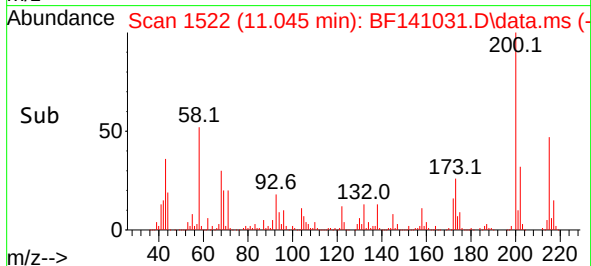
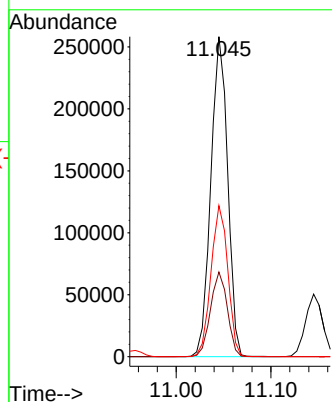
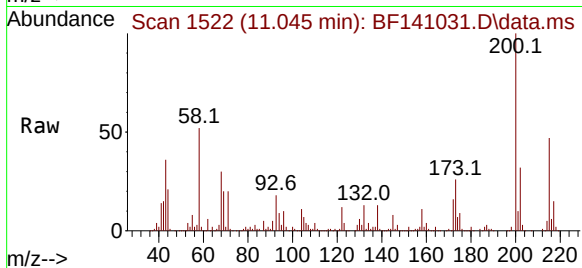
Tgt Ion:200 Resp: 317858

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 45.167 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

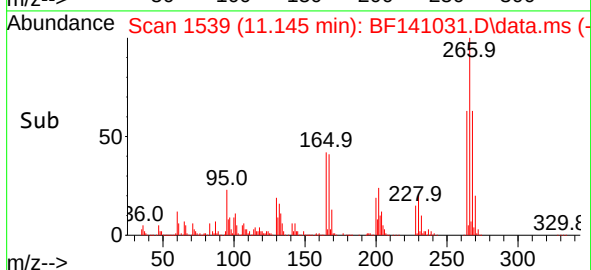
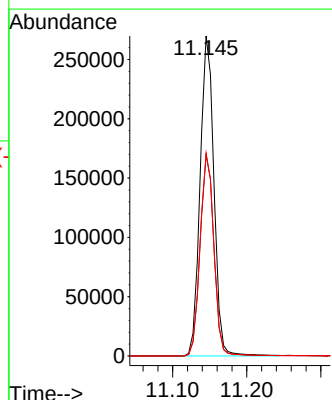
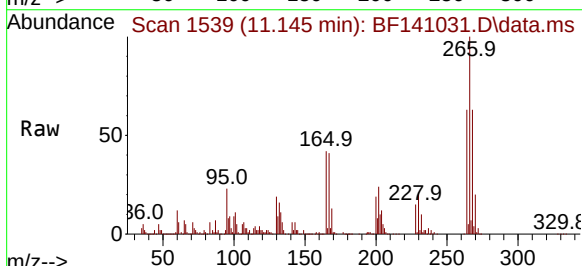
Tgt Ion:266 Resp: 349324

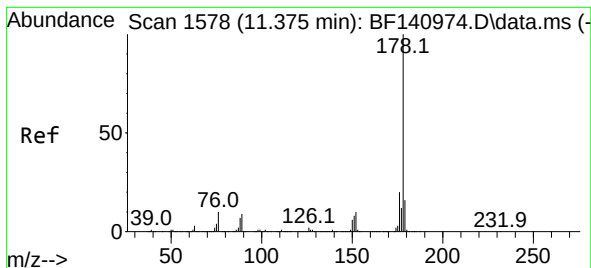
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 63.4 50.2 75.4





#71

Phenanthrene

Concen: 38.783 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

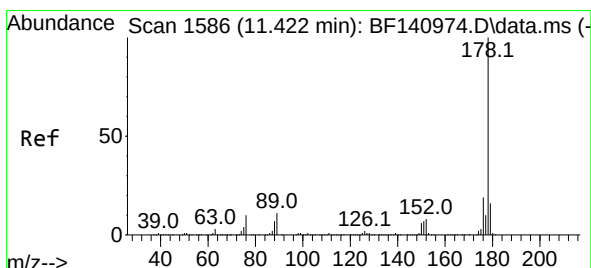
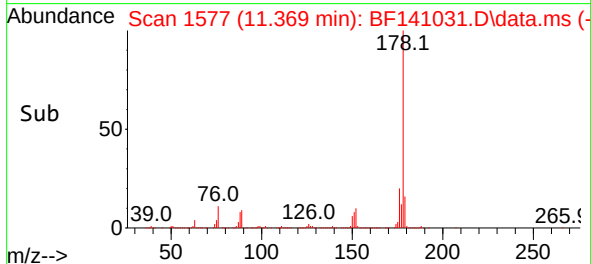
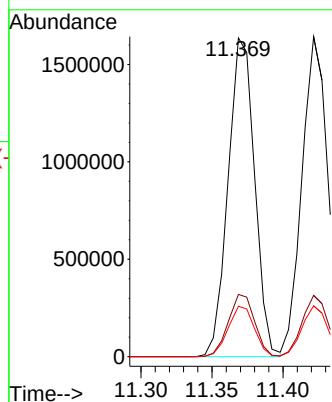
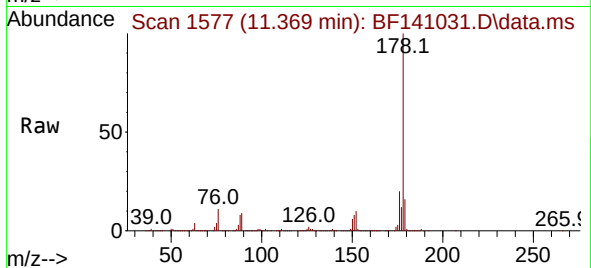
Tgt Ion:178 Resp: 2127169

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.8 12.6 19.0



#72

Anthracene

Concen: 38.493 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

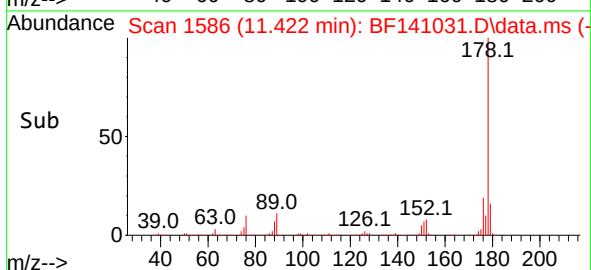
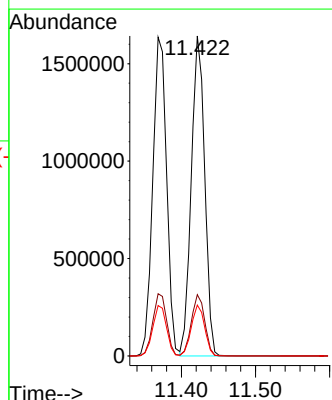
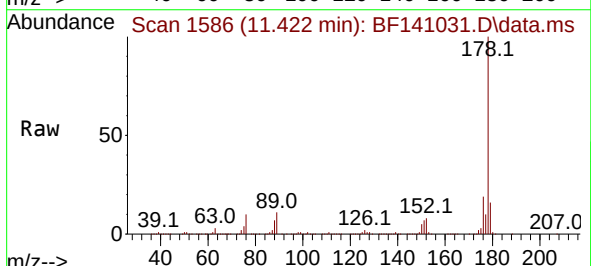
Tgt Ion:178 Resp: 2068767

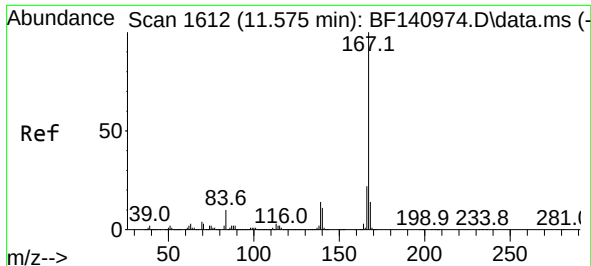
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.9 12.9 19.3

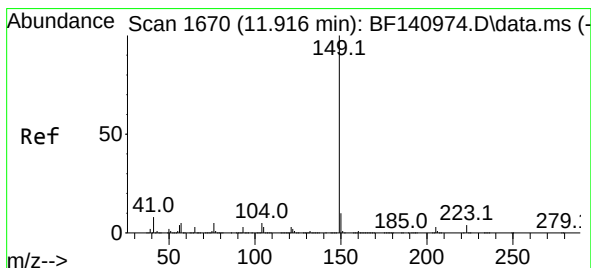
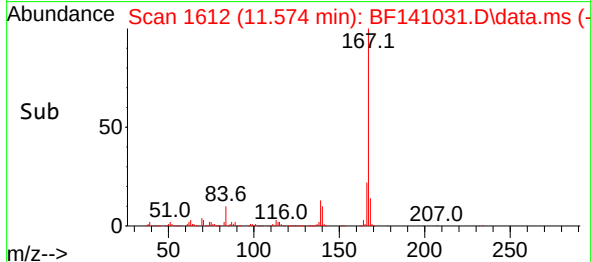
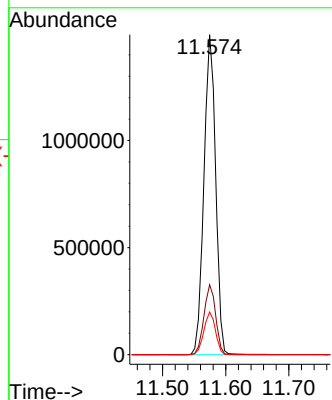
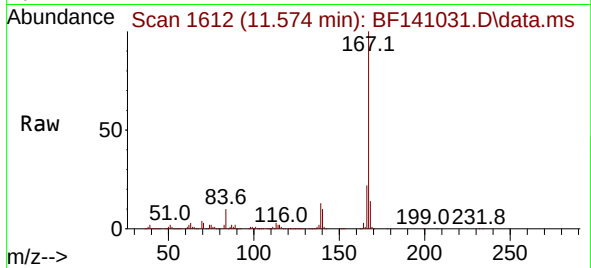




#73
 Carbazole
 Concen: 37.195 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141031.D
 Acq: 30 Dec 2024 15:20

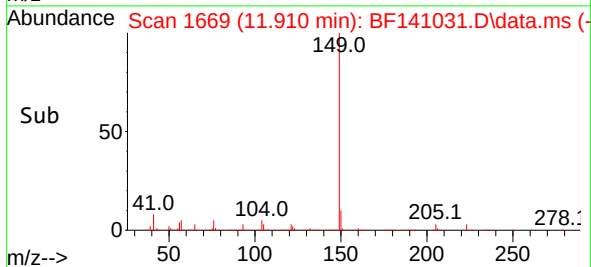
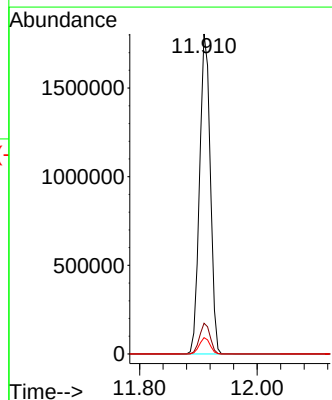
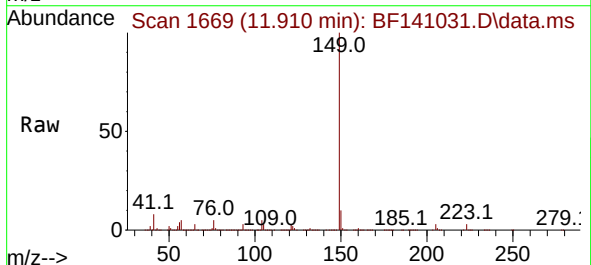
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

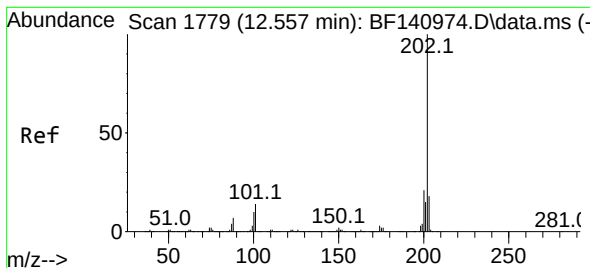
Tgt Ion:167 Resp: 1921678
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.3 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 38.788 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141031.D
 Acq: 30 Dec 2024 15:20

Tgt Ion:149 Resp: 2279320
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 36.104 ng

RT: 12.557 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

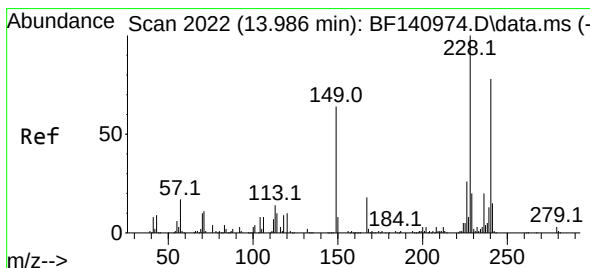
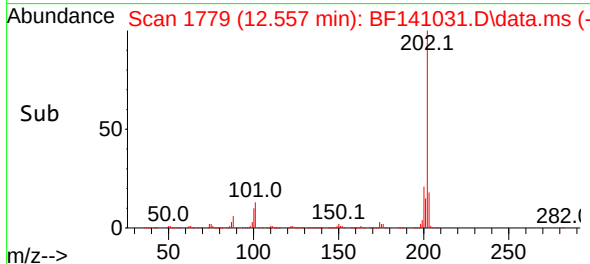
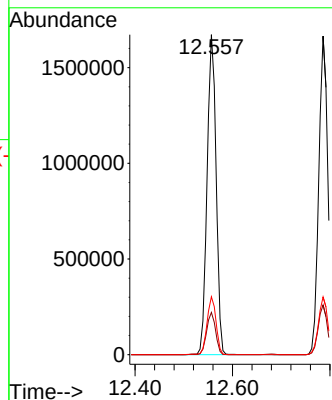
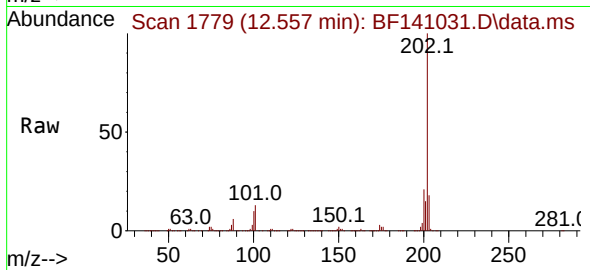
Tgt Ion:202 Resp: 2147665

Ion Ratio Lower Upper

202 100

101 13.2 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: BF141031.D

Acq: 30 Dec 2024 15:20

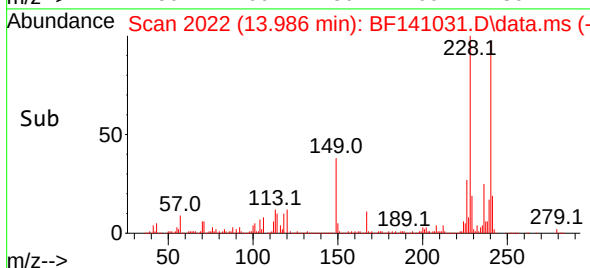
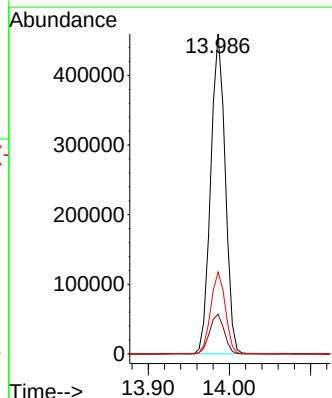
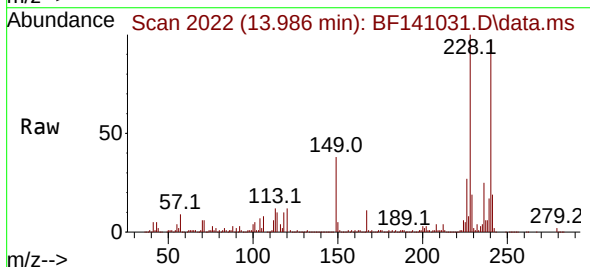
Tgt Ion:240 Resp: 569163

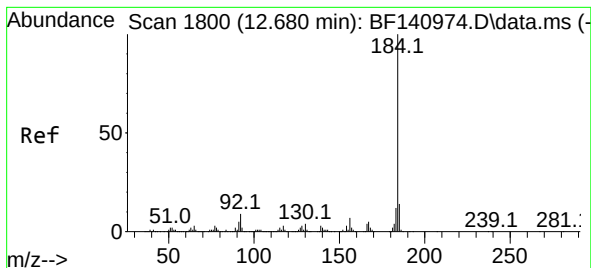
Ion Ratio Lower Upper

240 100

120 12.4 10.7 16.1

236 25.6 20.6 31.0





#77

Benzidine

Concen: 50.432 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

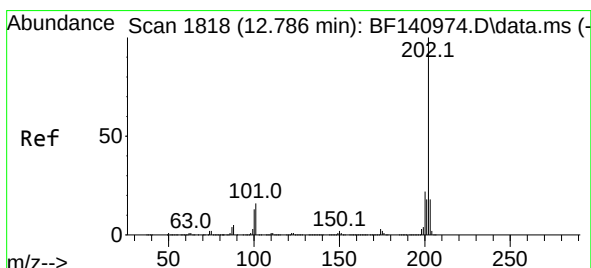
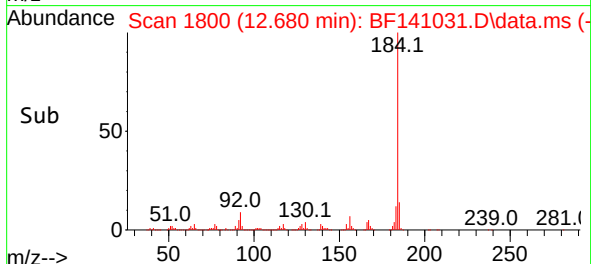
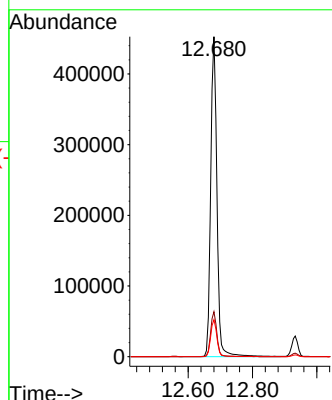
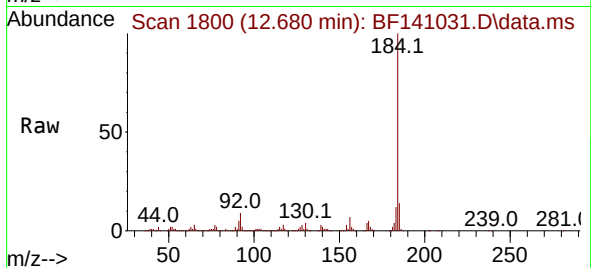
Tgt Ion:184 Resp: 606634

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 42.847 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

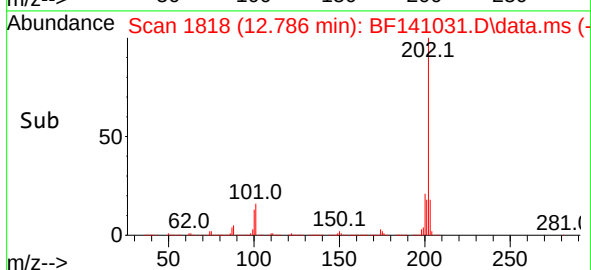
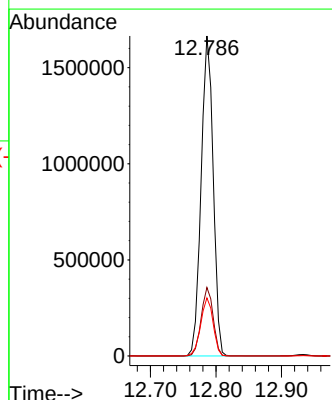
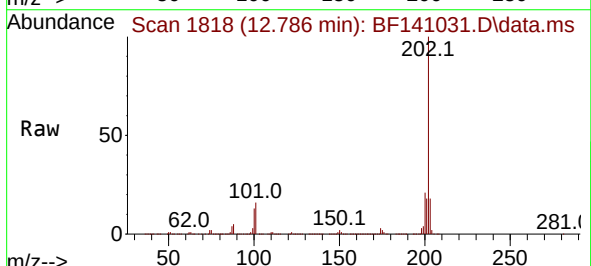
Tgt Ion:202 Resp: 2132823

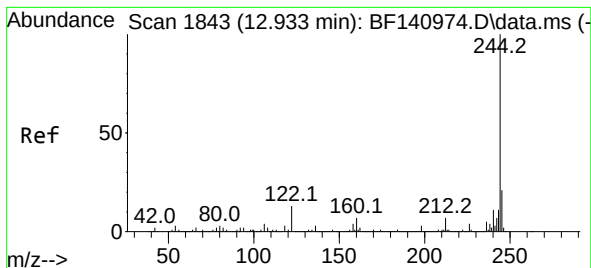
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 85.381 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

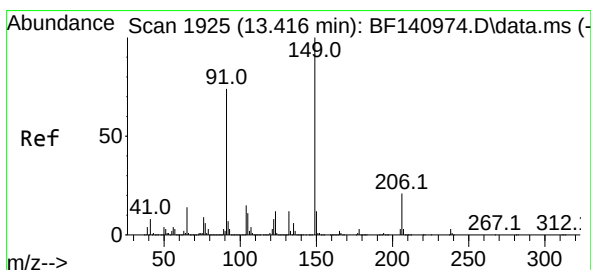
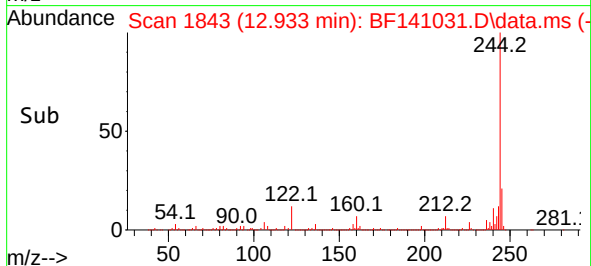
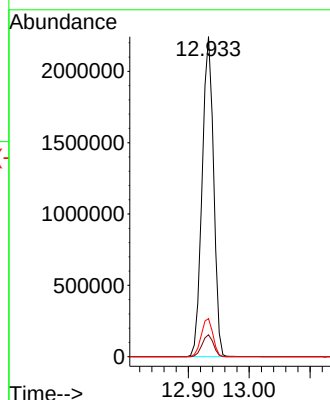
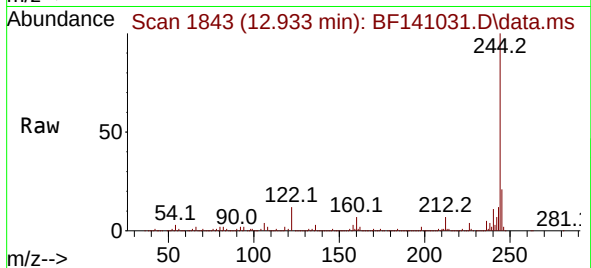
Tgt Ion:244 Resp: 2925681

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.9 10.2 15.2



#80

Butylbenzylphthalate

Concen: 41.781 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

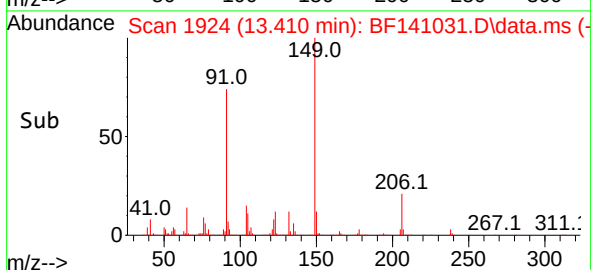
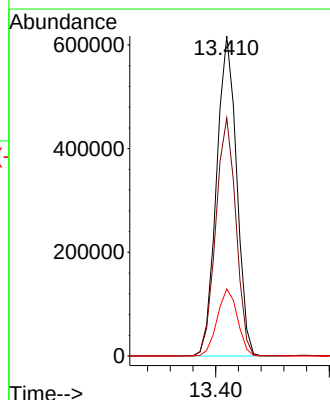
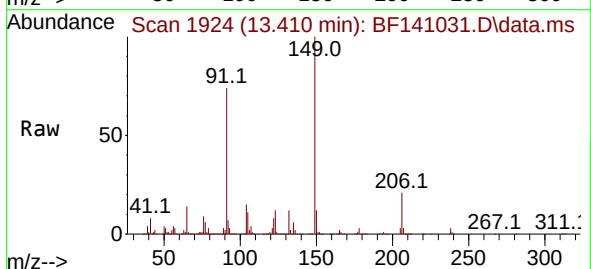
Tgt Ion:149 Resp: 759435

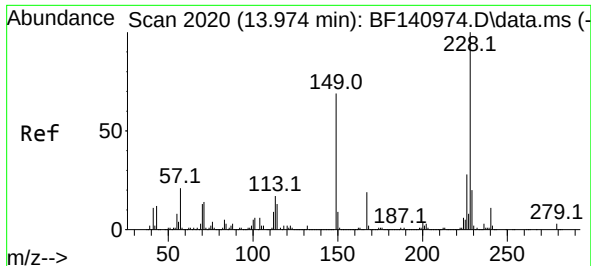
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

206 21.0 17.1 25.7

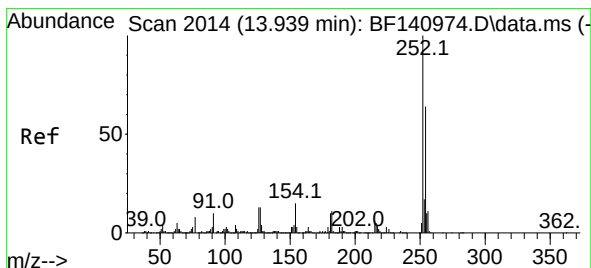
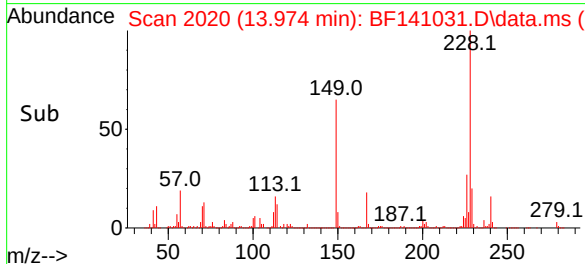
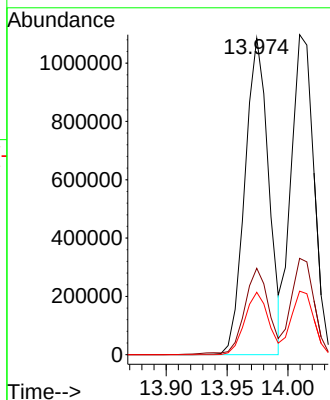
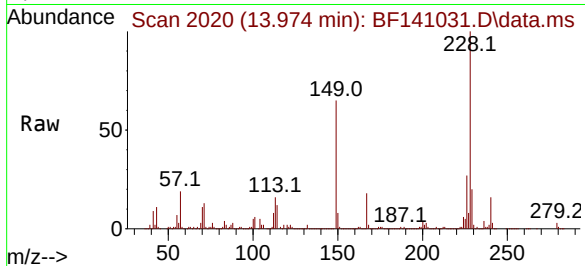




#81
Benzo(a)anthracene
Concen: 37.136 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

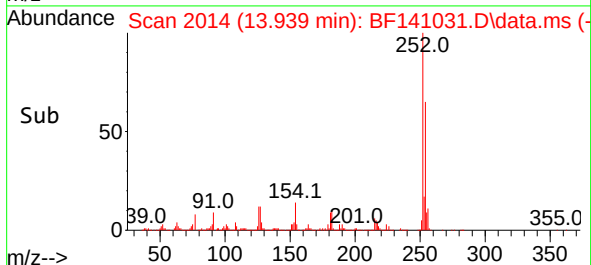
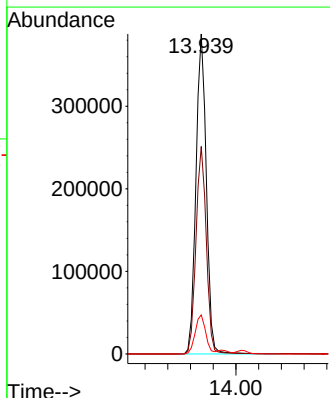
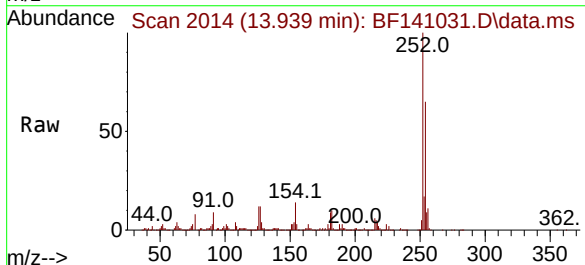
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

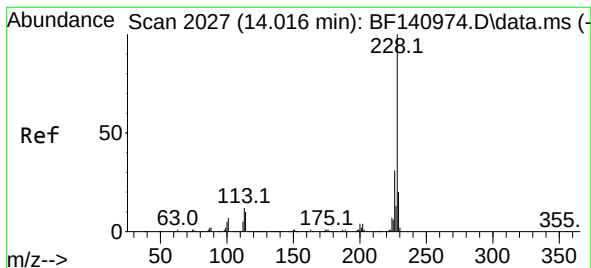
Tgt Ion:228 Resp: 1473101
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 41.470 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:252 Resp: 494240
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 12.2 10.3 15.5





#83

Chrysene

Concen: 39.961 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

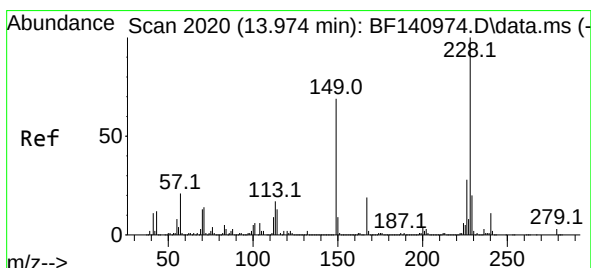
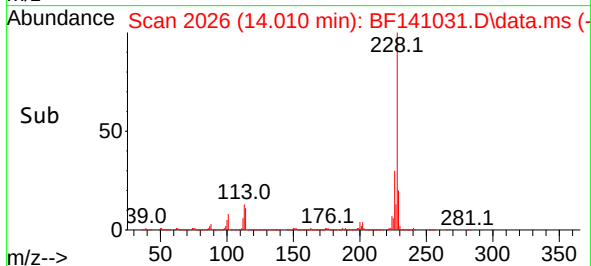
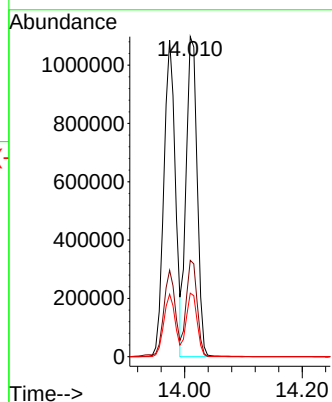
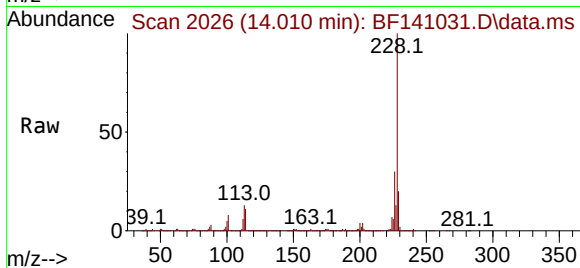
Tgt Ion:228 Resp: 1428944

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.001 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

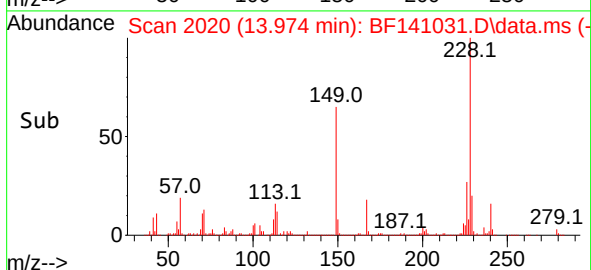
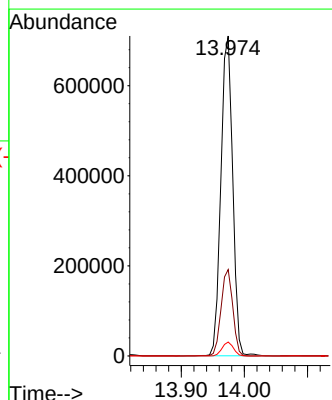
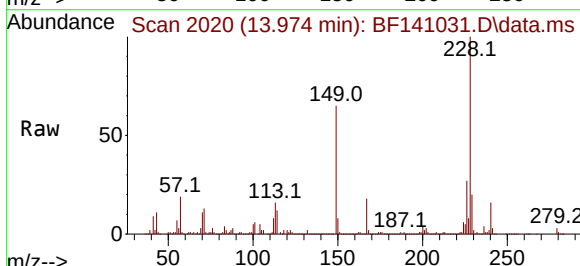
Tgt Ion:149 Resp: 919539

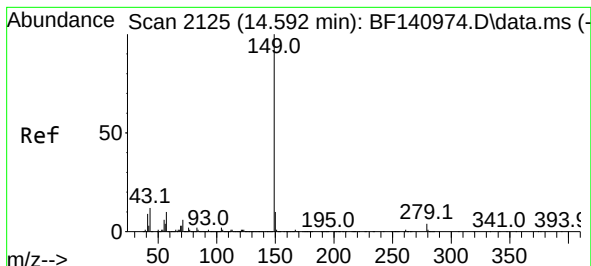
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.813 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

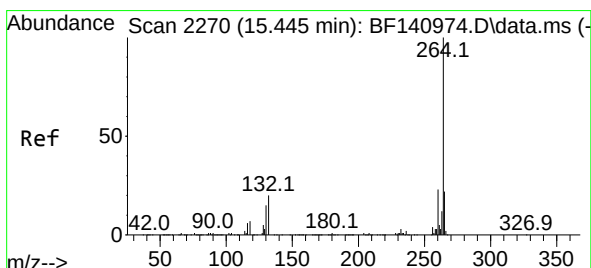
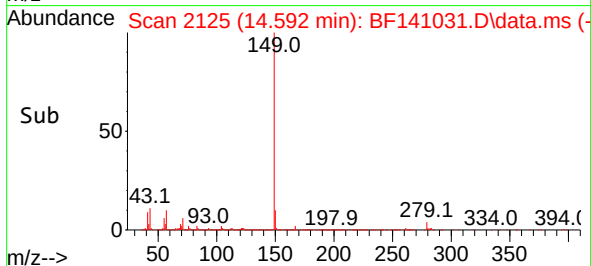
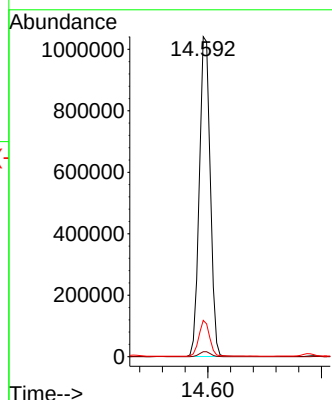
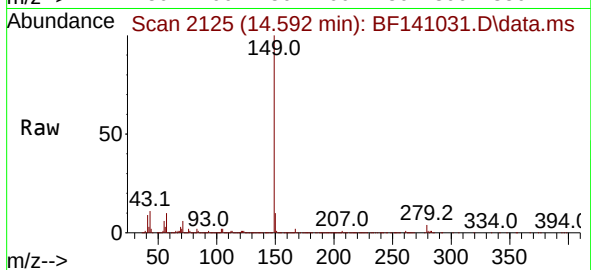
Tgt Ion:149 Resp: 1392731

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 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: BF141031.D

Acq: 30 Dec 2024 15:20

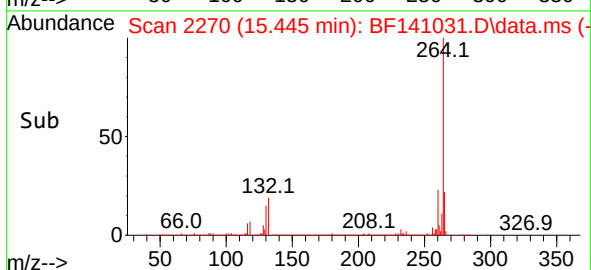
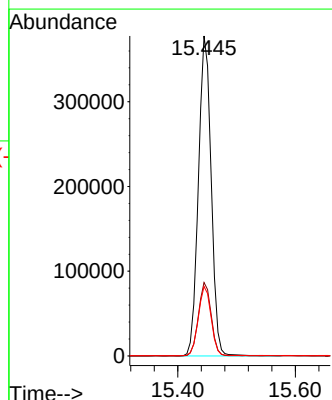
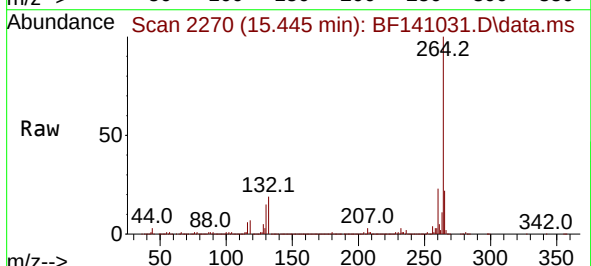
Tgt Ion:264 Resp: 568544

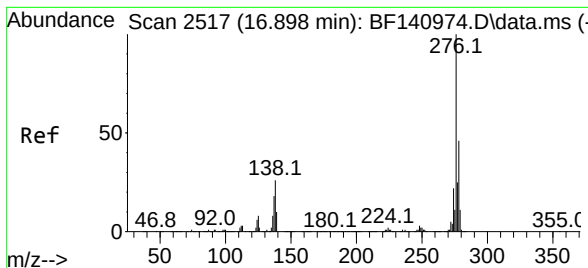
Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.092 ng

RT: 16.898 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

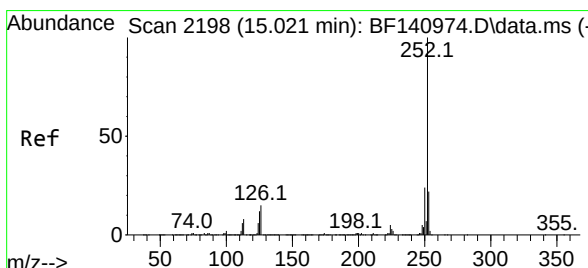
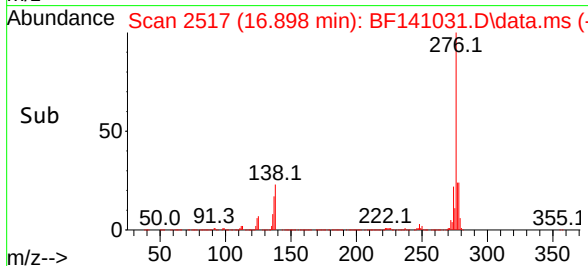
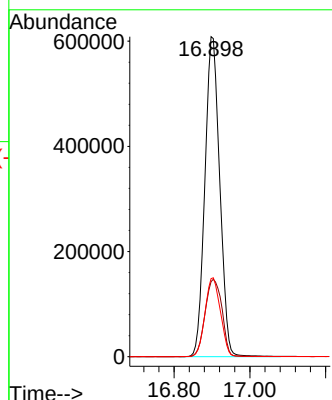
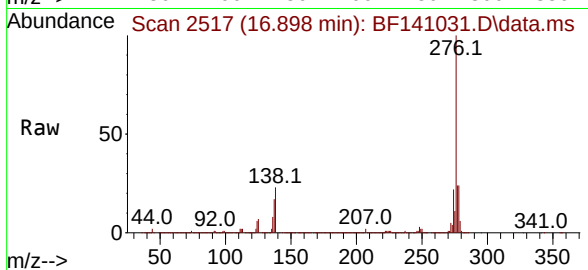
Tgt Ion:276 Resp: 1651010

Ion Ratio Lower Upper

276 100

138 27.3 23.1 34.7

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 35.303 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

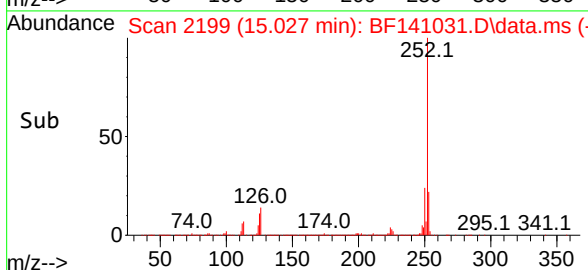
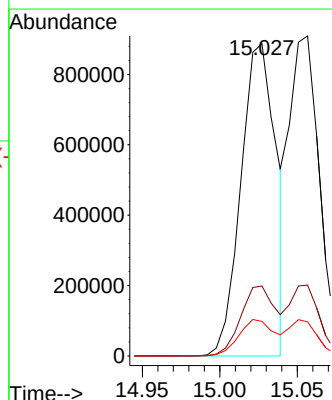
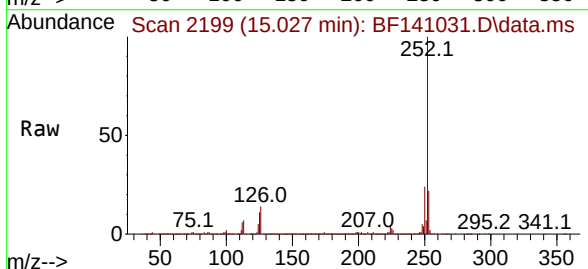
Tgt Ion:252 Resp: 1399852

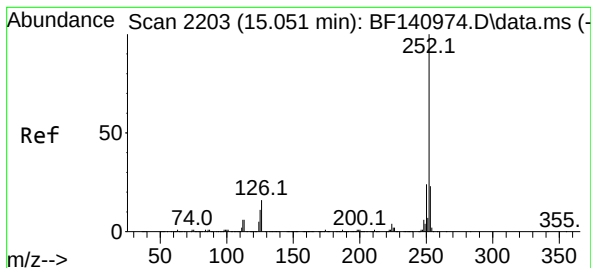
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 39.356 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

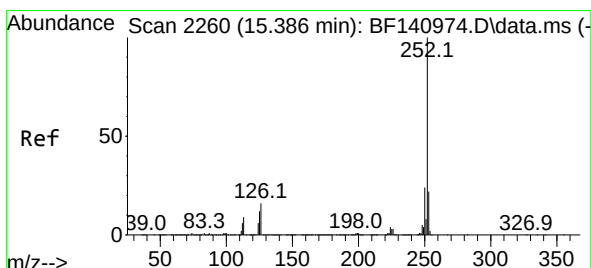
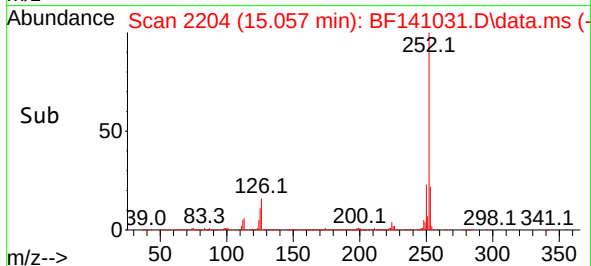
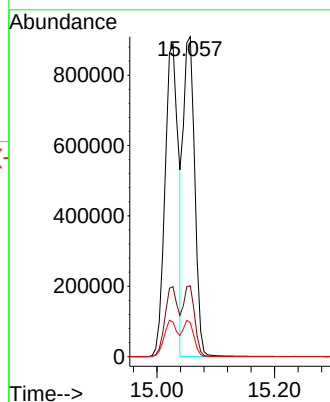
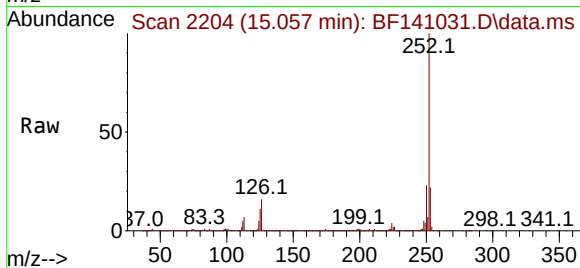
Tgt Ion:252 Resp: 1223125

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.6 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.714 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

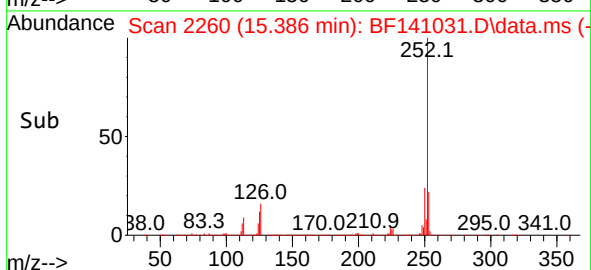
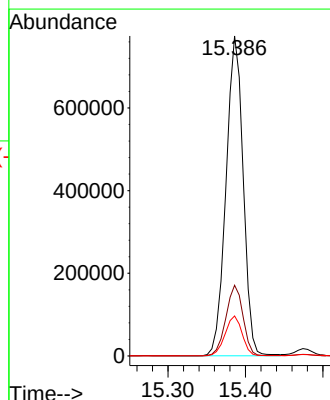
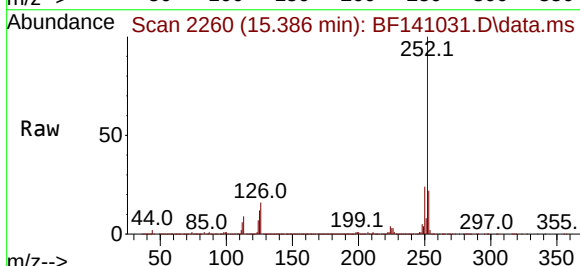
Tgt Ion:252 Resp: 1191505

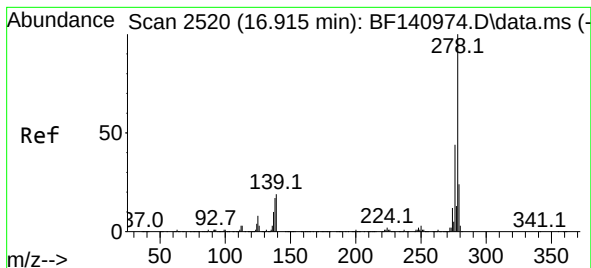
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.355 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

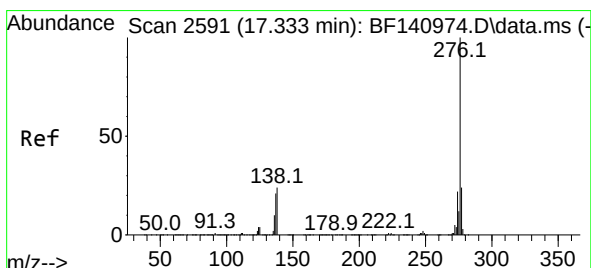
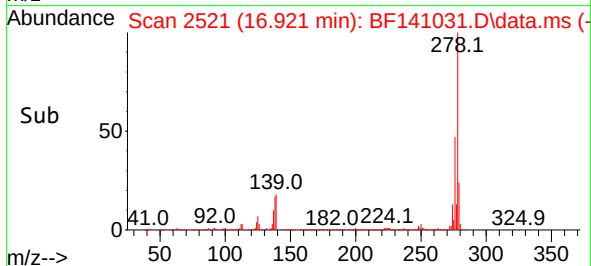
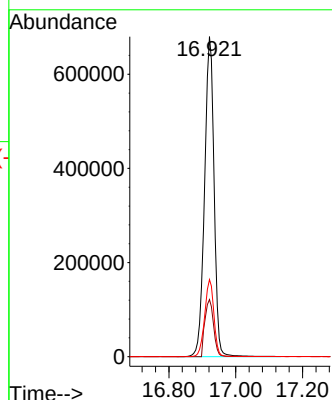
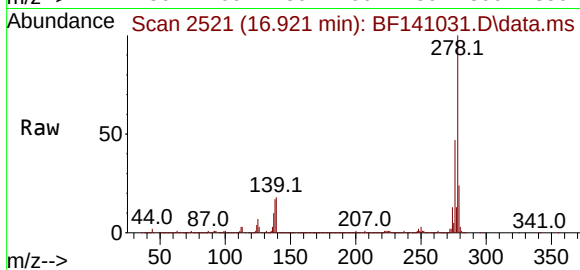
Tgt Ion:278 Resp: 1345942

Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.704 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:276 Resp: 1406501

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 24.3 19.4 29.2

