

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141303.D
 Acq On : 30 Jan 2025 09:57
 Operator : RC/JU
 Sample : PB166335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166335BS

Quant Time: Jan 30 10:37:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	577653	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	314839	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	527268	20.000	ng	0.00
76) Chrysene-d12	13.974	240	325031	20.000	ng	0.00
86) Perylene-d12	15.451	264	295368	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1181966	127.654	ng	0.00
7) Phenol-d6	6.434	99	1505218	127.790	ng	0.00
23) Nitrobenzene-d5	7.363	82	963698	87.947	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	383541	132.881	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1707638	83.483	ng	0.00
79) Terphenyl-d14	12.916	244	1858083	88.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	163583	40.171	ng	100
3) Pyridine	3.316	79	421385	42.949	ng	99
4) n-Nitrosodimethylamine	3.269	42	263117	46.944	ng	97
6) Aniline	6.463	93	427874	42.913	ng	97
8) 2-Chlorophenol	6.581	128	474531	47.816	ng	98
9) Benzaldehyde	6.346	77	45932	6.732	ng	98
10) Phenol	6.446	94	570700	45.706	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	445684	46.553	ng	98
12) 1,3-Dichlorobenzene	6.740	146	474543	43.367	ng	99
13) 1,4-Dichlorobenzene	6.816	146	481842	43.833	ng	100
14) 1,2-Dichlorobenzene	6.969	146	463668	45.045	ng	99
15) Benzyl Alcohol	6.940	79	401126	49.832	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	794288	47.711	ng	99
17) 2-Methylphenol	7.051	107	379334	47.030	ng	98
18) Hexachloroethane	7.310	117	179539	44.272	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	318811	45.551	ng	96
20) 3+4-Methylphenols	7.204	107	449643	45.403	ng	98
22) Acetophenone	7.210	105	607690	44.258	ng	99
24) Nitrobenzene	7.381	77	489014	43.064	ng	98
25) Isophorone	7.622	82	891594	47.071	ng	99
26) 2-Nitrophenol	7.698	139	248620	46.424	ng	99
27) 2,4-Dimethylphenol	7.734	122	379040	55.605	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	551443	45.641	ng	99
29) 2,4-Dichlorophenol	7.940	162	386907	46.364	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	396349	41.588	ng	100
31) Naphthalene	8.104	128	1340862	43.940	ng	100
32) Benzoic acid	7.857	122	300455	47.947	ng	98
33) 4-Chloroaniline	8.151	127	244684	23.645	ng	99
34) Hexachlorobutadiene	8.222	225	242199	43.336	ng	98
35) Caprolactam	8.522	113	81087	29.752	ng	94
36) 4-Chloro-3-methylphenol	8.634	107	423183	47.276	ng	97
37) 2-Methylnaphthalene	8.792	142	874025	45.064	ng	99
38) 1-Methylnaphthalene	8.892	142	813150	42.680	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	384554	42.934	ng	99
41) Hexachlorocyclopentadiene	8.945	237	461572	174.494	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	268317	45.768	ng	100

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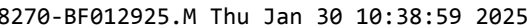
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	289410	45.357	ng	99
46) 1,1'-Biphenyl	9.263	154	1078473	43.923	ng	100
47) 2-Chloronaphthalene	9.286	162	809908	42.319	ng	99
48) 2-Nitroaniline	9.381	65	281360	46.739	ng	99
49) Acenaphthylene	9.698	152	1258307	46.969	ng	100
50) Dimethylphthalate	9.569	163	966609	45.457	ng	100
51) 2,6-Dinitrotoluene	9.628	165	219062	44.369	ng	98
52) Acenaphthene	9.875	154	940752	49.154	ng	100
53) 3-Nitroaniline	9.792	138	140948	29.127	ng	100
54) 2,4-Dinitrophenol	9.904	184	234093	101.996	ng	98
55) Dibenzofuran	10.045	168	1136446	44.361	ng	99
56) 4-Nitrophenol	9.957	139	348173	98.382	ng	96
57) 2,4-Dinitrotoluene	10.034	165	293904	45.977	ng	95
58) Fluorene	10.392	166	861135	43.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239637	47.738	ng	98
60) Diethylphthalate	10.269	149	928855	45.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	420967	43.368	ng	99
62) 4-Nitroaniline	10.410	138	224393	47.166	ng	99
63) Azobenzene	10.545	77	945659	45.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162763	52.188	ng	99
66) n-Nitrosodiphenylamine	10.504	169	784521	46.003	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	267408	45.301	ng	97
68) Hexachlorobenzene	10.939	284	283607	45.293	ng	97
69) Atrazine	11.033	200	275531	48.323	ng	98
70) Pentachlorophenol	11.133	266	344451	93.942	ng	98
71) Phenanthrene	11.351	178	1340804	47.307	ng	100
72) Anthracene	11.404	178	1357047	48.866	ng	100
73) Carbazole	11.557	167	1181478	47.979	ng	99
74) Di-n-butylphthalate	11.892	149	1439854	48.248	ng	100
75) Fluoranthene	12.539	202	1361167	48.639	ng	99
77) Benzidine	12.663	184	389988	37.427	ng	100
78) Pyrene	12.769	202	1385347	44.402	ng	100
80) Butylbenzylphthalate	13.392	149	533265	48.924	ng	98
81) Benzo(a)anthracene	13.963	228	1000704	44.617	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	179099	25.107	ng	99
83) Chrysene	14.004	228	936429	45.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	658277	47.608	ng	100
85) Di-n-octyl phthalate	14.598	149	1053803	49.069	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	929302	48.747	ng	100
88) Benzo(b)fluoranthene	15.033	252	866127	46.618	ng	100
89) Benzo(k)fluoranthene	15.063	252	842115	51.164	ng	100
90) Benzo(a)pyrene	15.392	252	806465	51.366	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	745849	48.629	ng	99
92) Benzo(g,h,i)perylene	17.351	276	706279	44.287	ng	100

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

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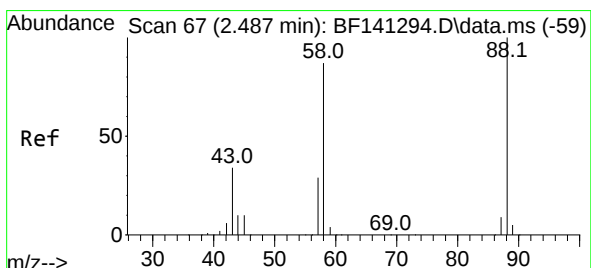
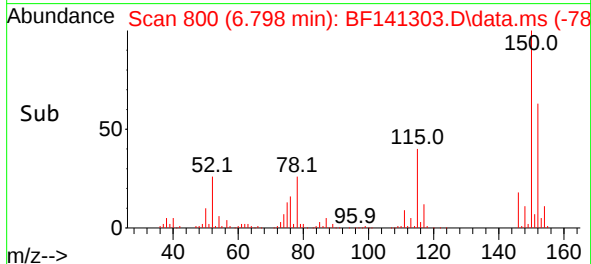
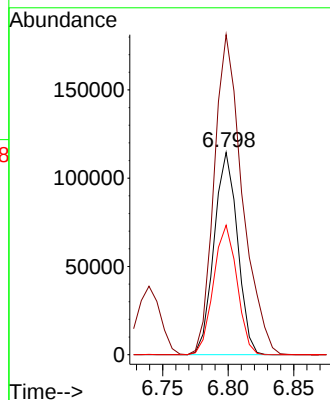
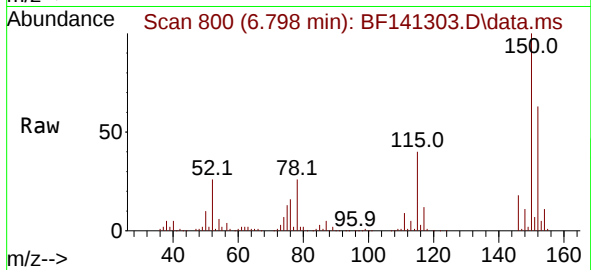




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141303.D
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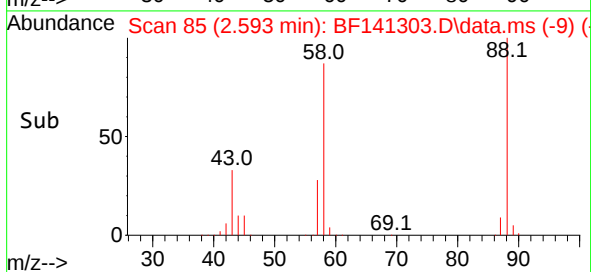
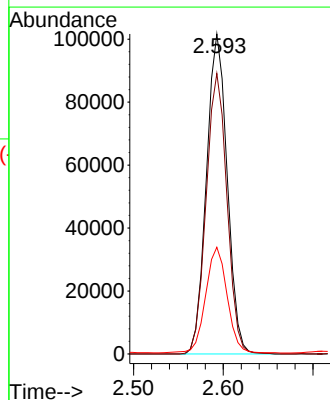
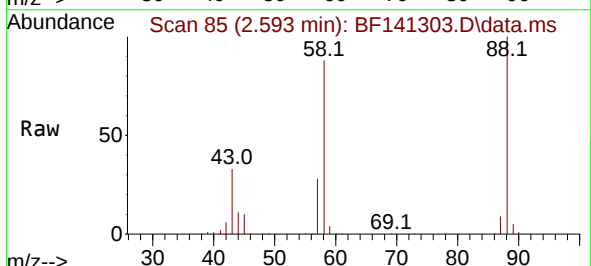
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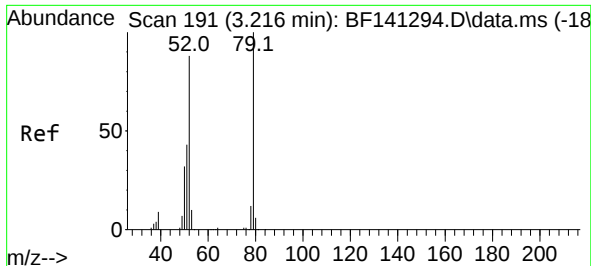
Tgt Ion:152 Resp: 142147
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.9 188.9
 115 64.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 40.171 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.100 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Tgt Ion: 88 Resp: 163583
 Ion Ratio Lower Upper
 88 100
 58 87.8 70.2 105.4
 43 34.2 27.6 41.4

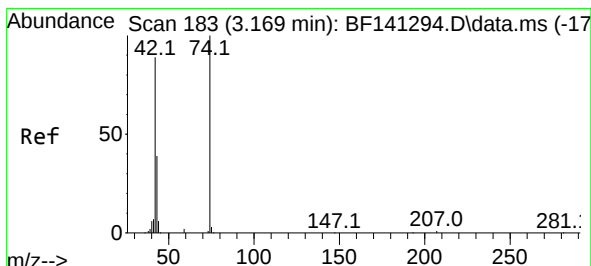
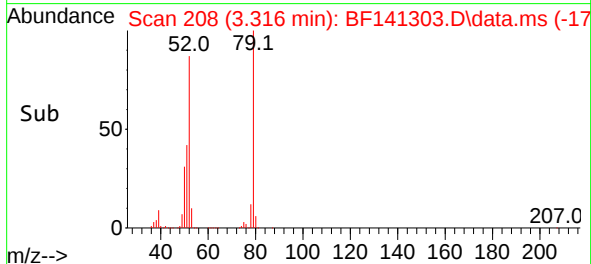
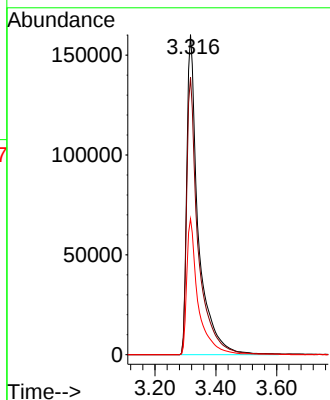
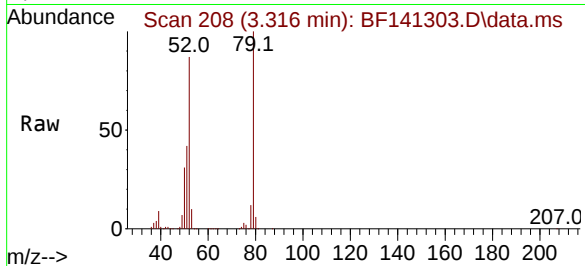




#3
Pyridine
Concen: 42.949 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

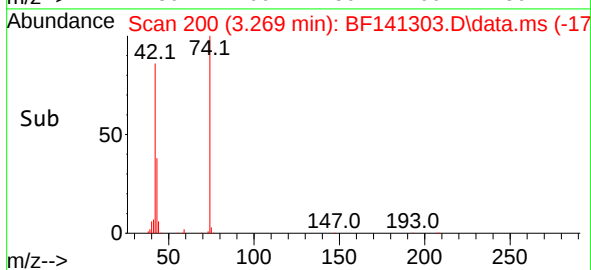
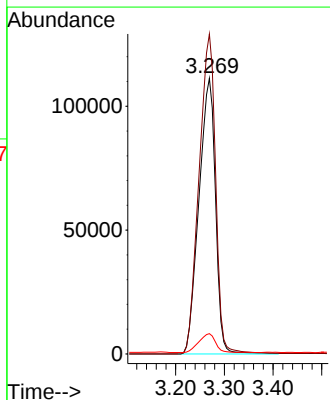
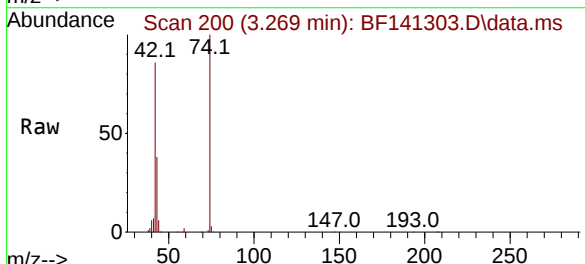
Instrument :
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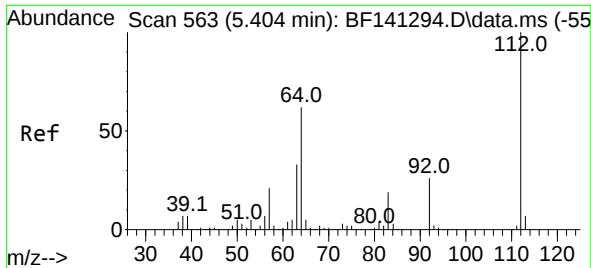
Tgt Ion: 79 Resp: 421385
Ion Ratio Lower Upper
79 100
52 86.7 70.3 105.5
51 42.4 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 46.944 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.071 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 42 Resp: 263117
Ion Ratio Lower Upper
42 100
74 116.1 90.3 135.5
44 7.4 5.7 8.5

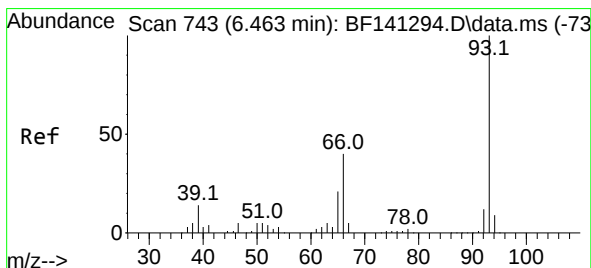
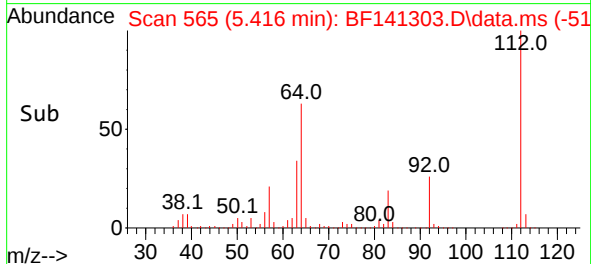
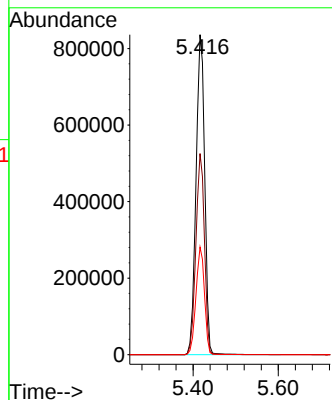
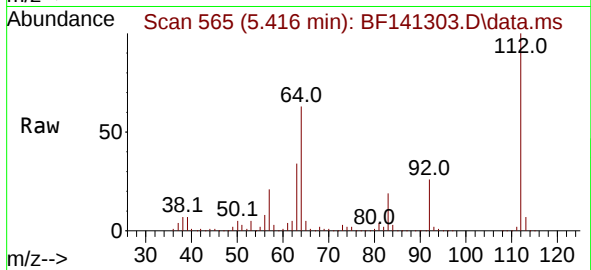




#5
2-Fluorophenol
Concen: 127.654 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

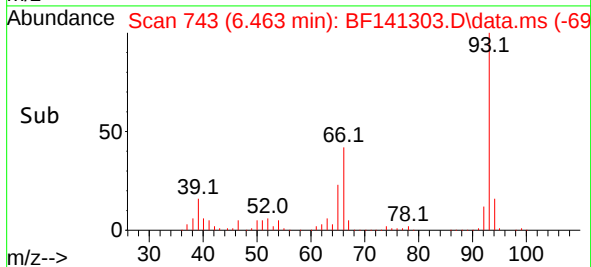
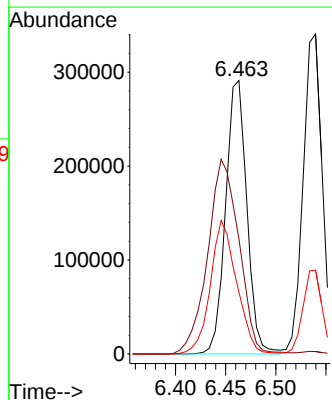
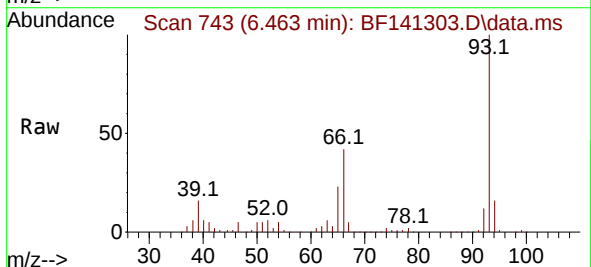
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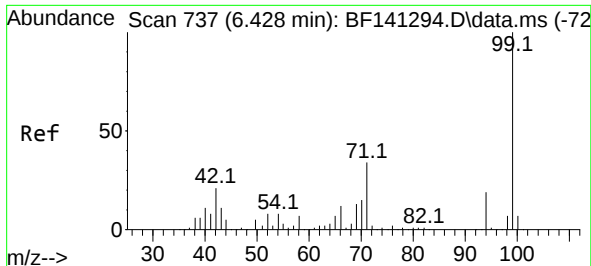
Tgt Ion:112 Resp: 1181966
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 33.6 26.1 39.1



#6
Aniline
Concen: 42.913 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 93 Resp: 427874
Ion Ratio Lower Upper
93 100
66 42.1 32.5 48.7
65 22.6 17.0 25.6





#7

Phenol-d6

Concen: 127.790 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

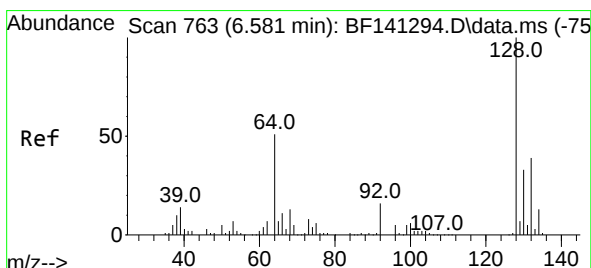
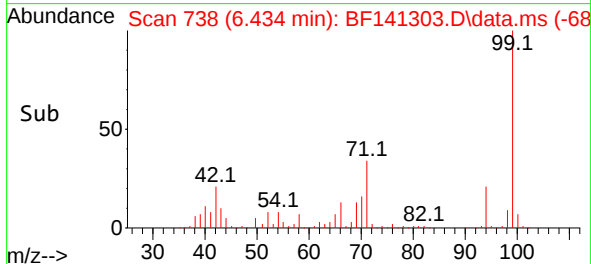
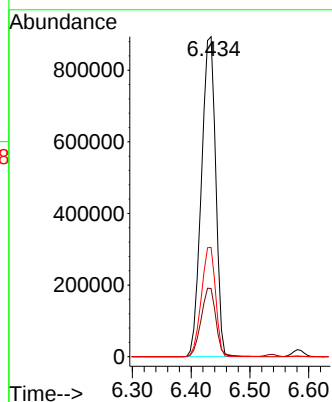
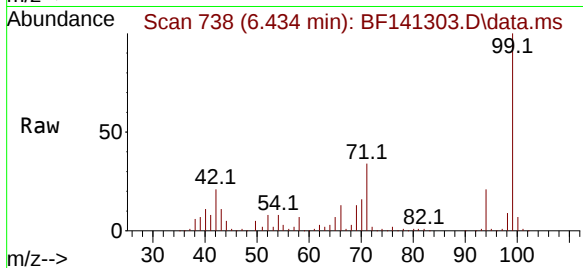
BNA_F

ClientSampleId :

PB166335BS

Tgt Ion: 99 Resp: 1505218

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	34.2	26.9	40.3



#8

2-Chlorophenol

Concen: 47.816 ng

RT: 6.581 min Scan# 763

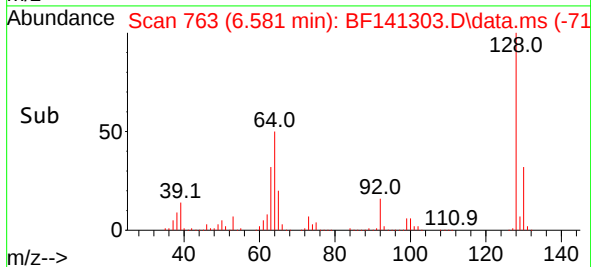
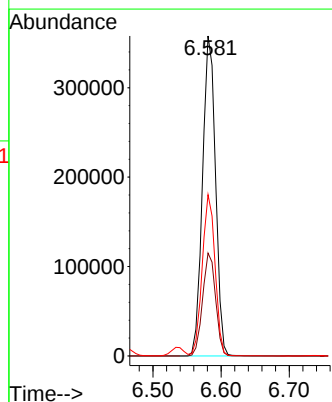
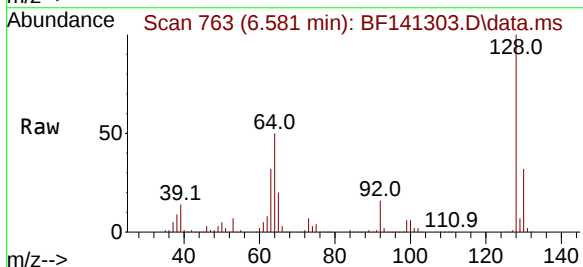
Delta R.T. -0.012 min

Lab File: BF141303.D

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Tgt Ion:128 Resp: 474531

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	50.4	32.9	72.9

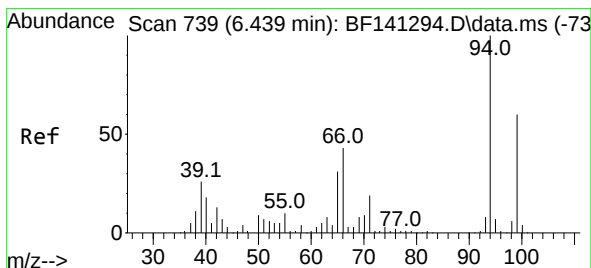
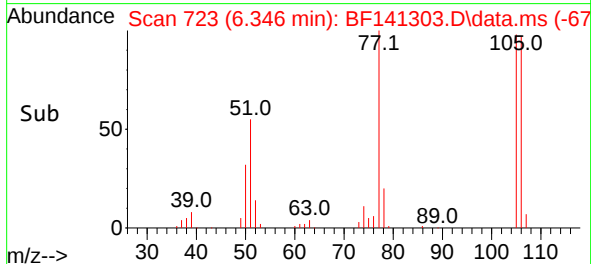
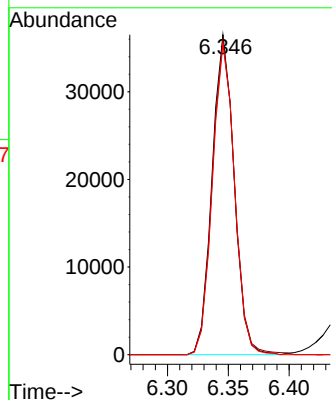
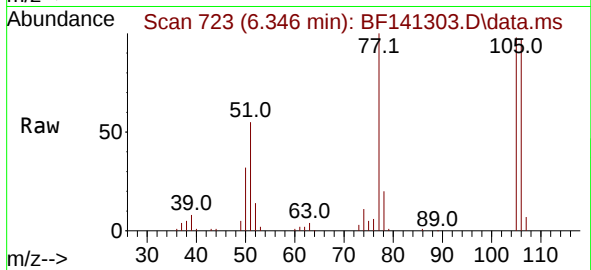




#9
Benzaldehyde
Concen: 6.732 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

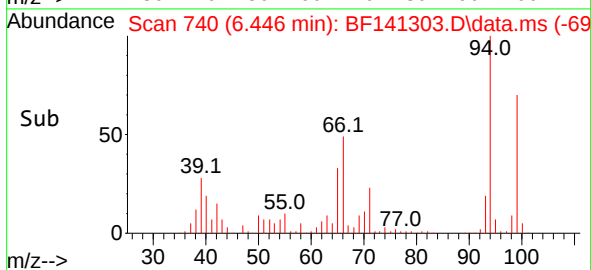
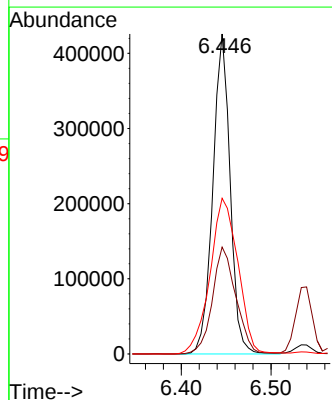
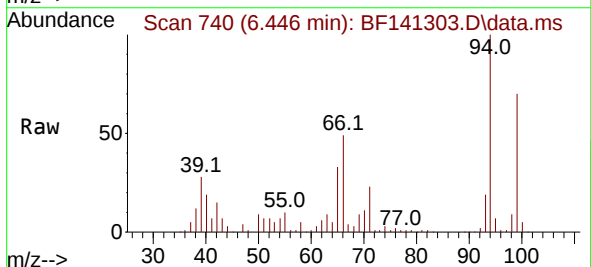
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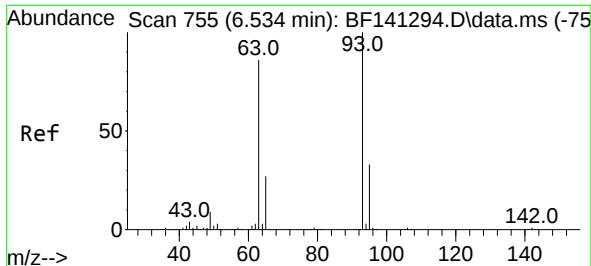
Tgt Ion: 77 Resp: 45932
Ion Ratio Lower Upper
77 100
105 98.1 79.4 119.4
106 97.2 74.6 114.6



#10
Phenol
Concen: 45.706 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 94 Resp: 570700
Ion Ratio Lower Upper
94 100
65 33.4 10.8 50.8
66 48.6 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 46.553 ng

RT: 6.540 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

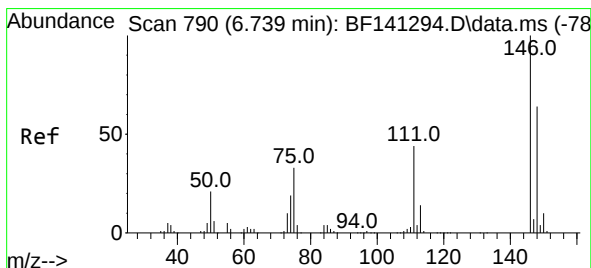
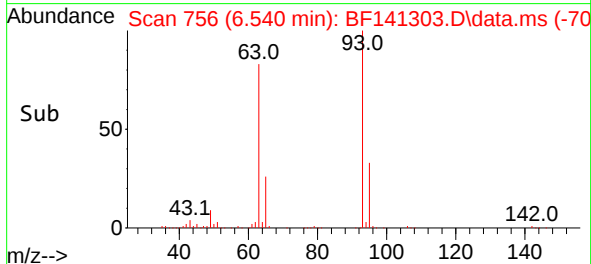
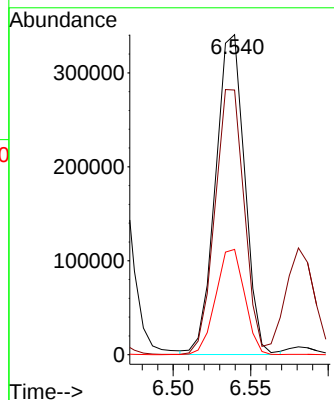
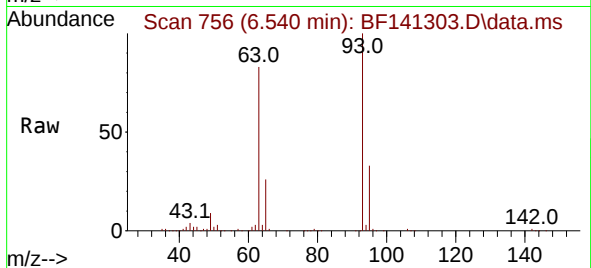
Tgt Ion: 93 Resp: 445684

Ion Ratio Lower Upper

93 100

63 82.7 65.0 105.0

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.367 ng

RT: 6.740 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

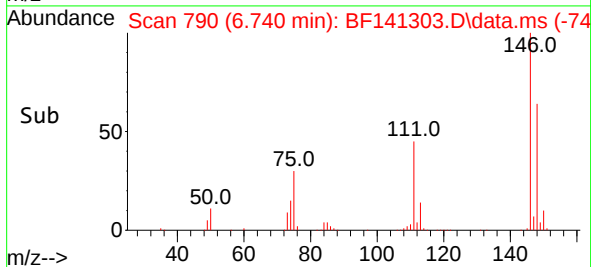
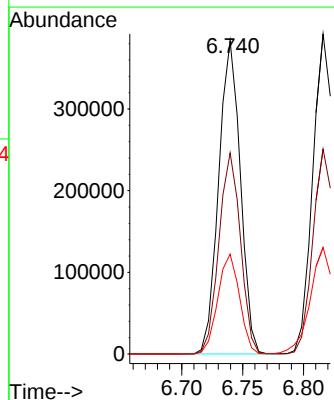
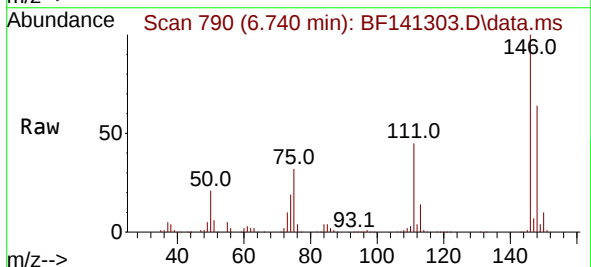
Tgt Ion: 146 Resp: 474543

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 31.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 43.833 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

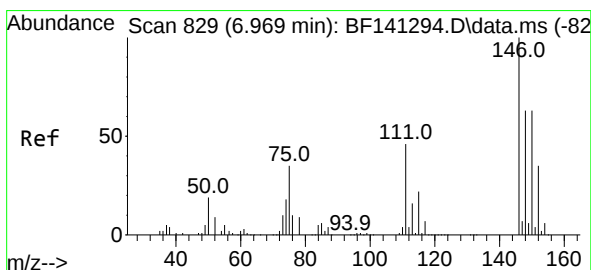
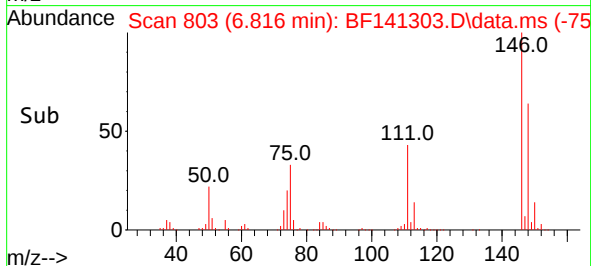
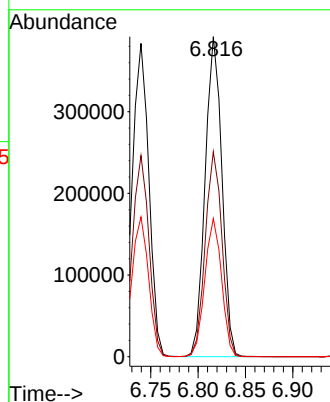
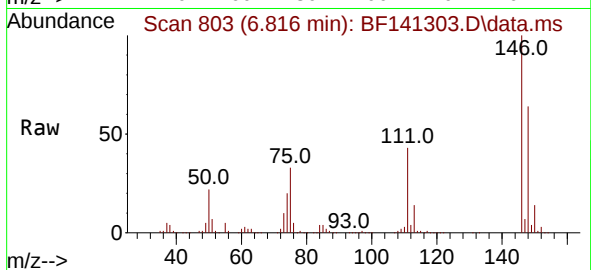
Tgt Ion:146 Resp: 481842

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 43.1 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 45.045 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

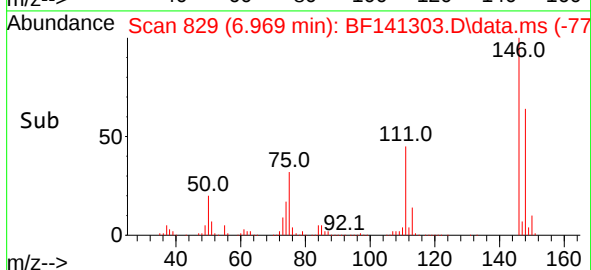
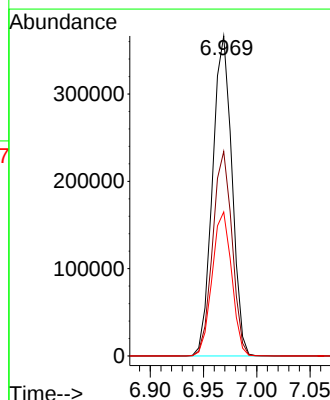
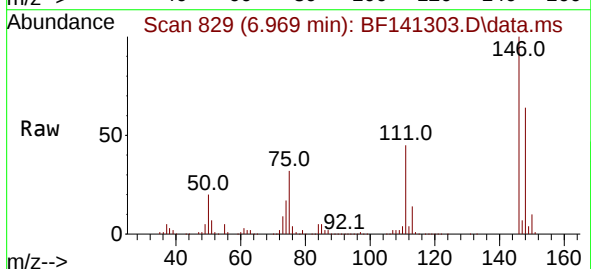
Tgt Ion:146 Resp: 463668

Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 45.0 36.6 55.0

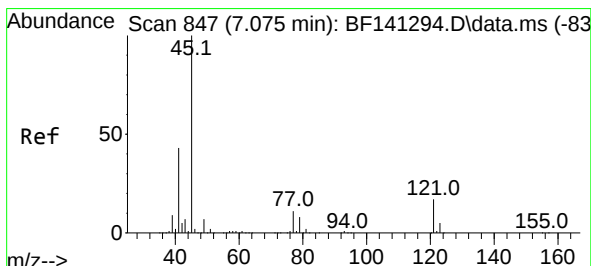
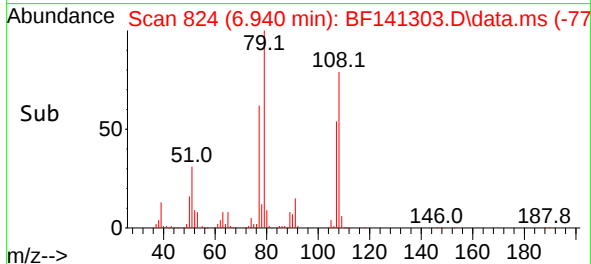
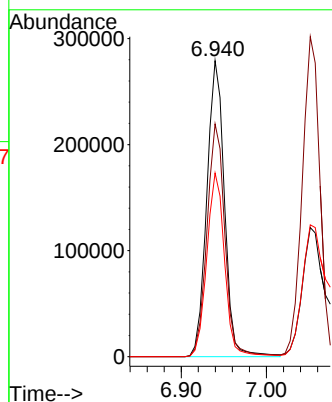
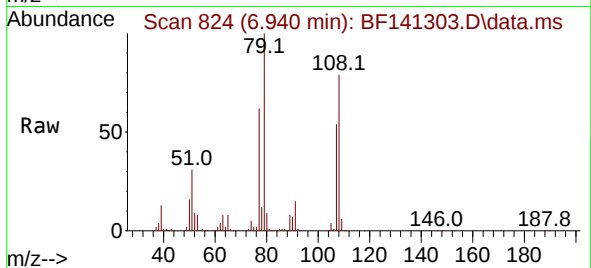




#15
Benzyl Alcohol
Concen: 49.832 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

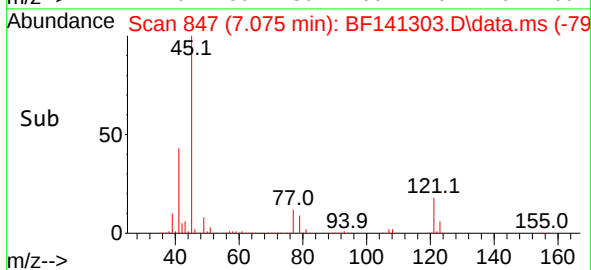
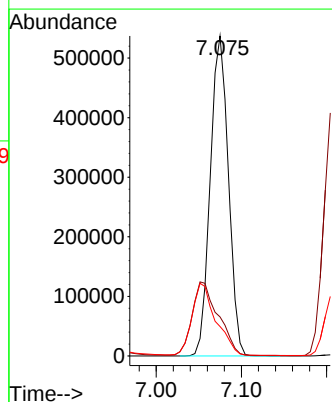
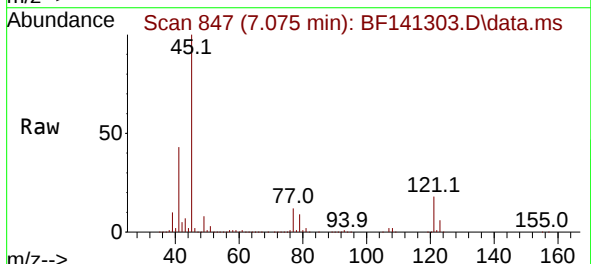
Instrument :
BNA_F
ClientSampleId :
PB166335BS

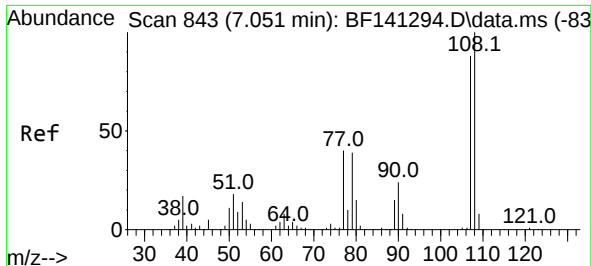
Tgt Ion: 79 Resp: 401126
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.711 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 45 Resp: 794288
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.2 0.0 29.1

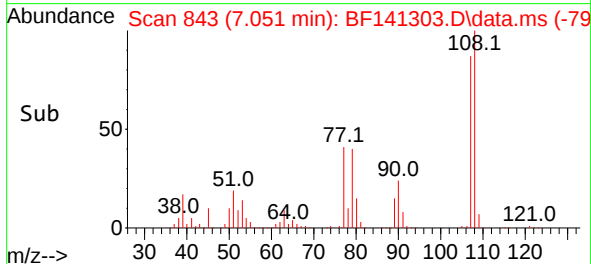
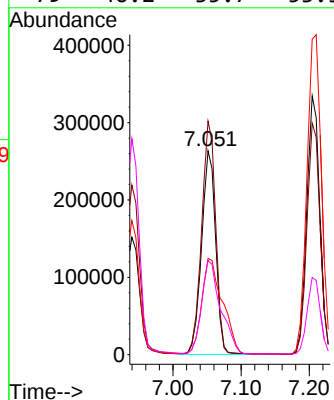
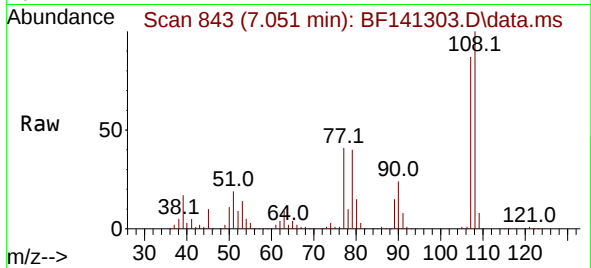




#17
2-Methylphenol
Concen: 47.030 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

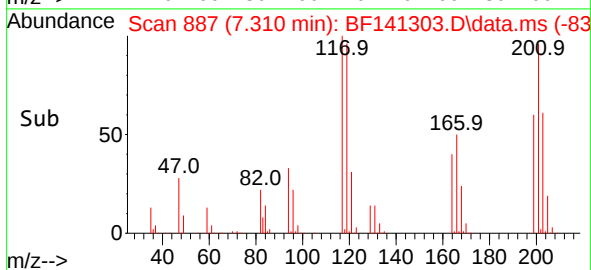
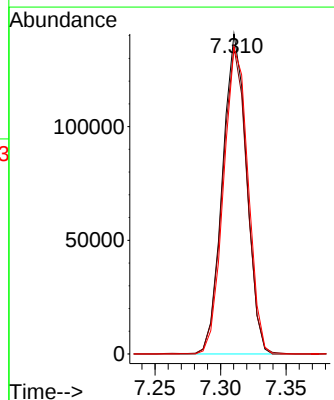
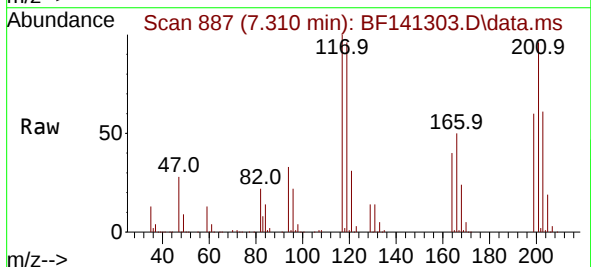
Instrument :
BNA_F
ClientSampleId :
PB166335BS

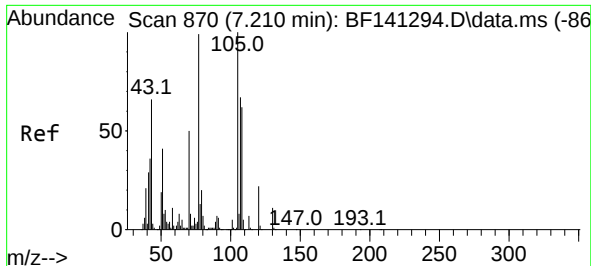
Tgt Ion:107 Resp: 379334
Ion Ratio Lower Upper
107 100
108 114.5 90.8 136.2
77 47.2 36.2 54.4
79 46.2 35.7 53.5



#18
Hexachloroethane
Concen: 44.272 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:117 Resp: 179539
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 95.8 74.8 112.2

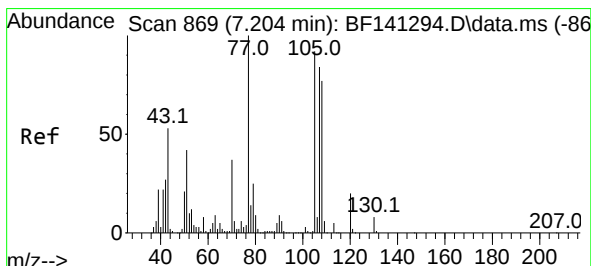
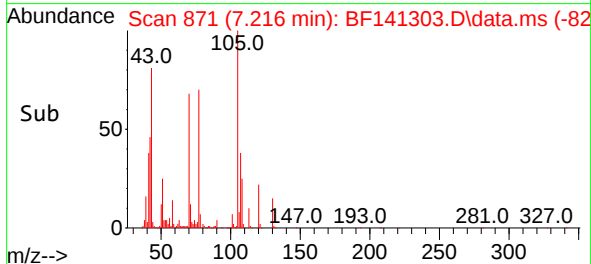
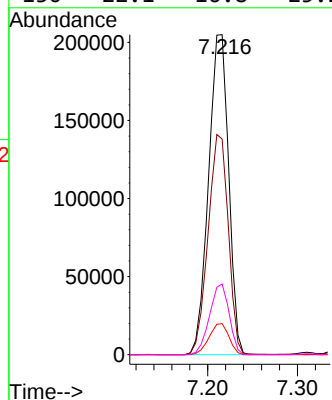
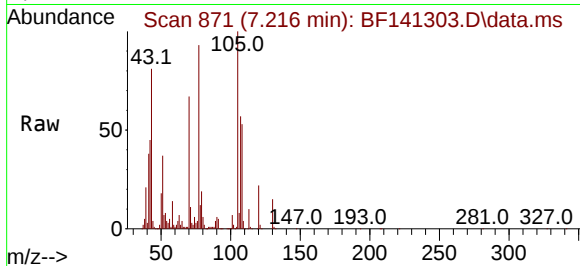




#19
n-Nitroso-di-n-propylamine
Concen: 45.551 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

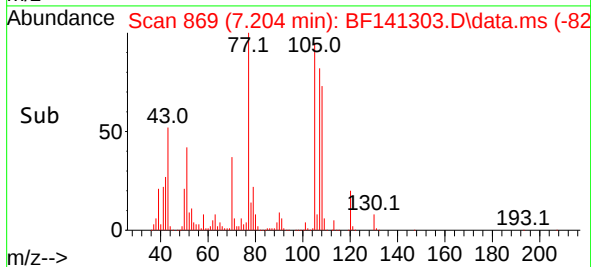
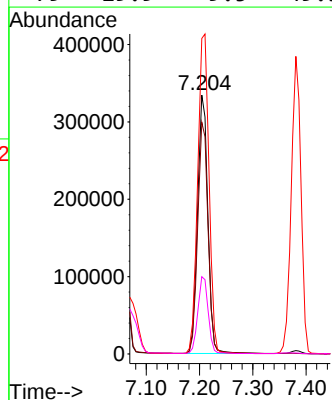
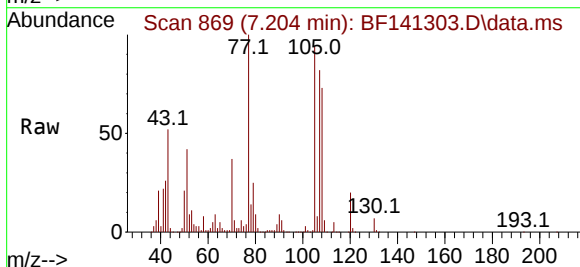
Instrument :
BNA_F
ClientSampleId :
PB166335BS

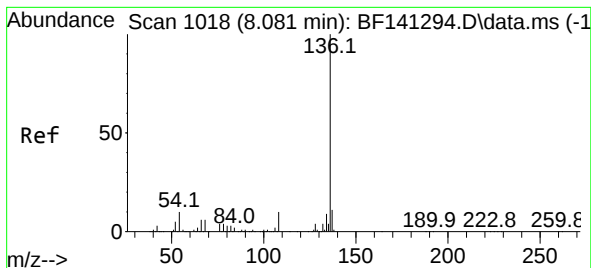
Tgt Ion: 70 Resp: 318811
Ion Ratio Lower Upper
70 100
42 67.4 56.8 85.2
101 9.7 7.7 11.5
130 22.1 16.8 25.2



#20
3+4-Methylphenols
Concen: 45.403 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion: 107 Resp: 449643
Ion Ratio Lower Upper
107 100
108 89.5 70.9 110.9
77 121.9 98.5 138.5
79 29.9 9.5 49.5



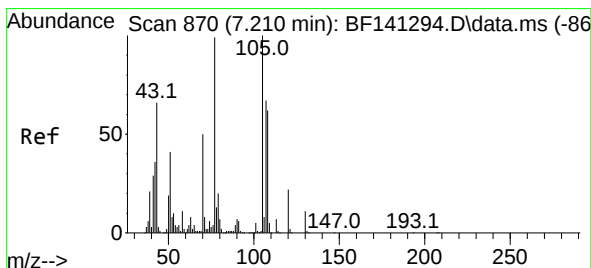
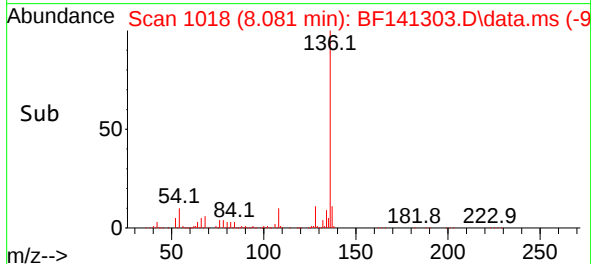
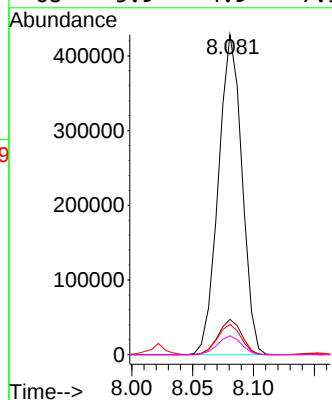
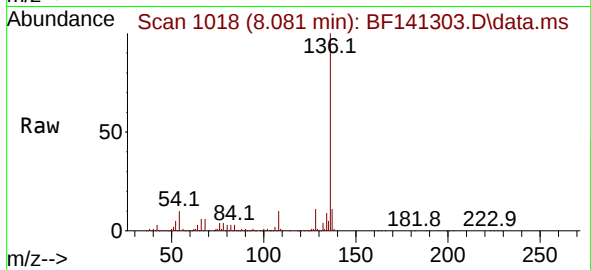


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:136 Resp: 577653

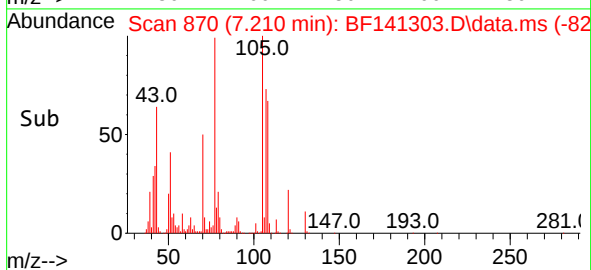
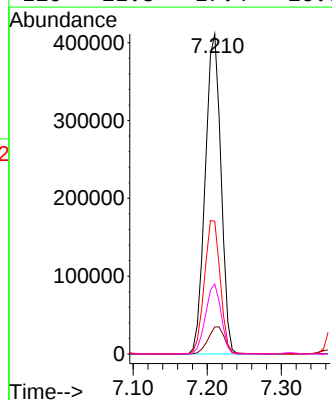
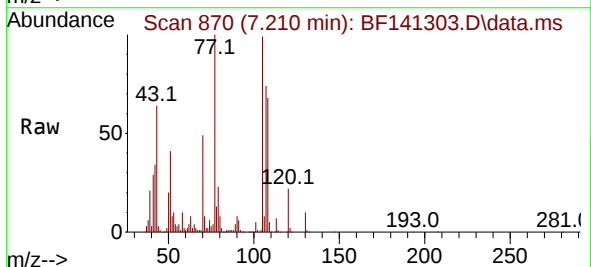
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 44.258 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:105 Resp: 607690

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.8	10.2
51	41.4	32.6	49.0
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 87.947 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

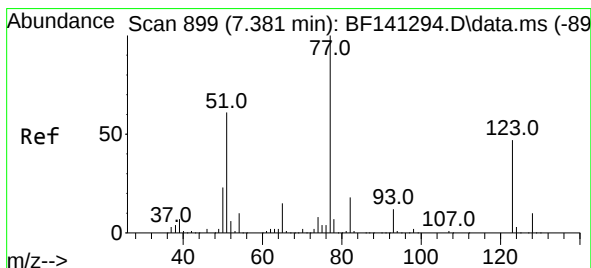
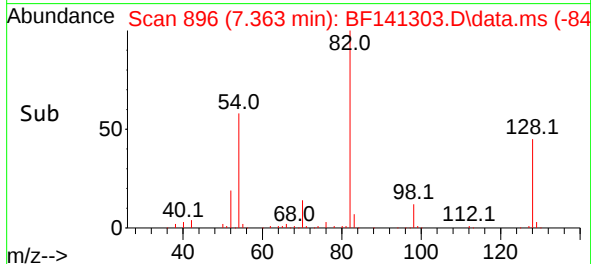
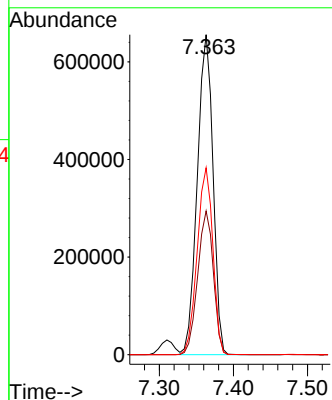
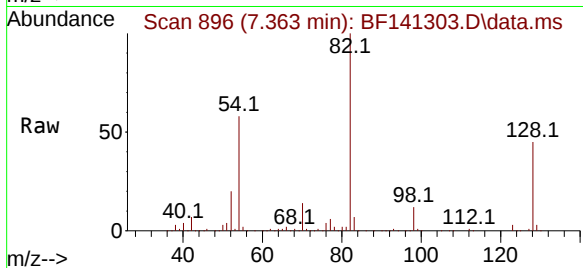
Tgt Ion: 82 Resp: 963698

Ion Ratio Lower Upper

82 100

128 44.9 35.7 53.5

54 58.4 47.1 70.7



#24

Nitrobenzene

Concen: 43.064 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

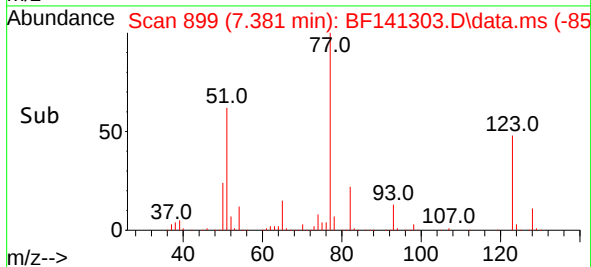
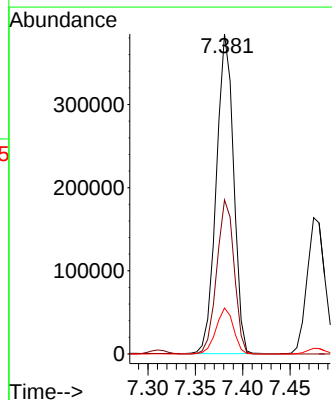
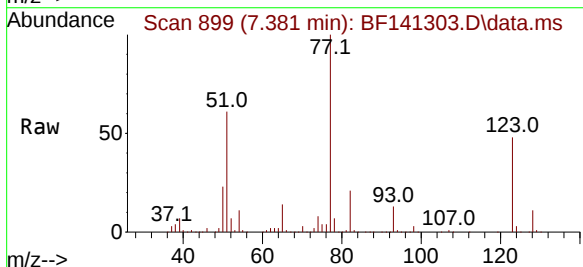
Tgt Ion: 77 Resp: 489014

Ion Ratio Lower Upper

77 100

123 48.2 37.3 55.9

65 14.3 11.8 17.6

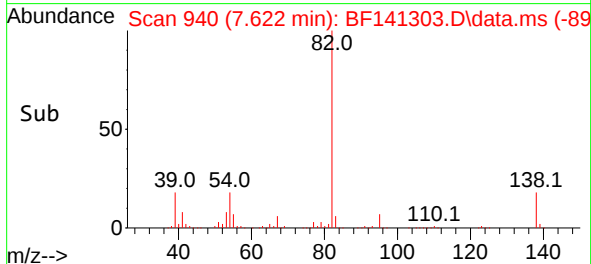
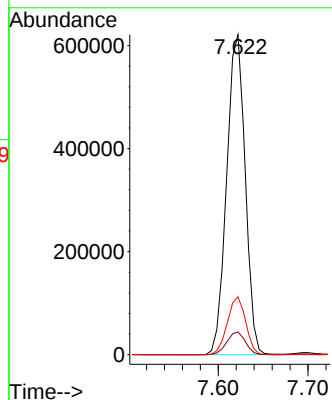
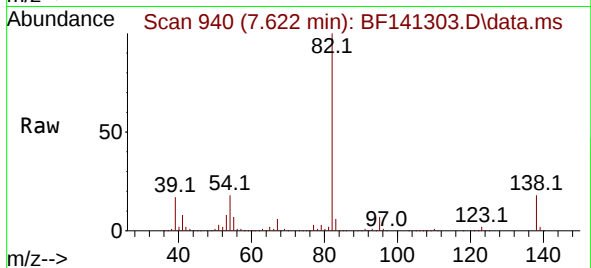




#25
Isophorone
Concen: 47.071 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

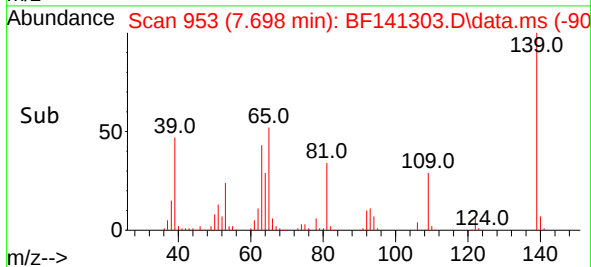
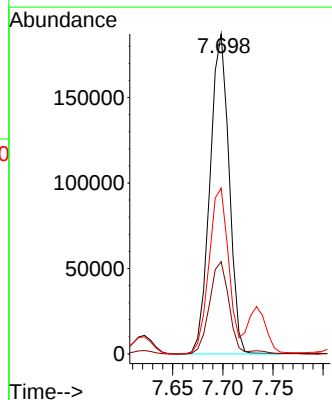
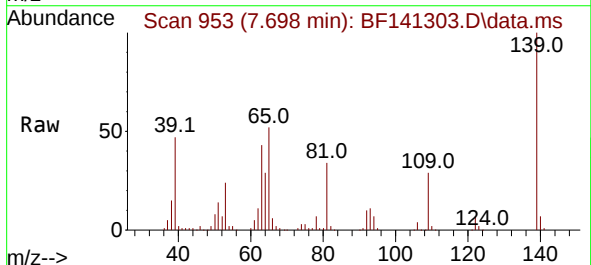
Instrument :
BNA_F
ClientSampleId :
PB166335BS

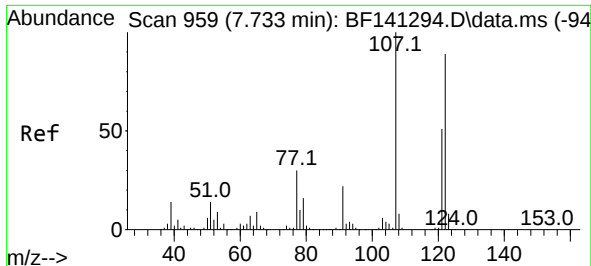
Tgt Ion: 82 Resp: 891594
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.1 14.7 22.1



#26
2-Nitrophenol
Concen: 46.424 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:139 Resp: 248620
Ion Ratio Lower Upper
139 100
109 28.9 23.8 35.6
65 51.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 55.605 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

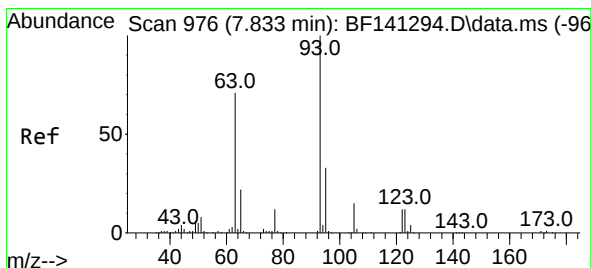
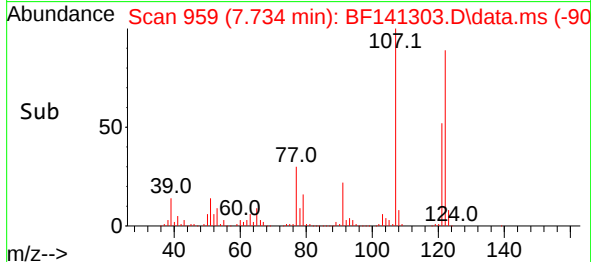
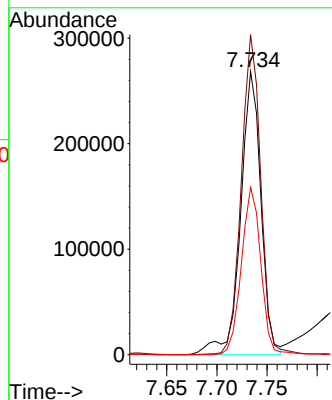
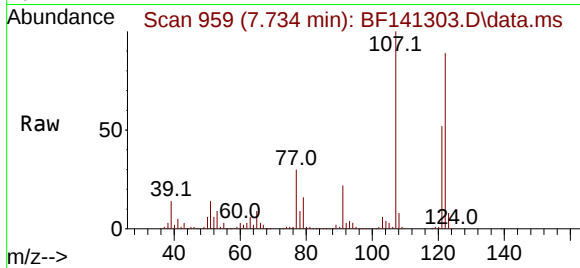
Tgt Ion:122 Resp: 379040

Ion Ratio Lower Upper

122 100

107 113.0 89.9 134.9

121 59.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.641 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

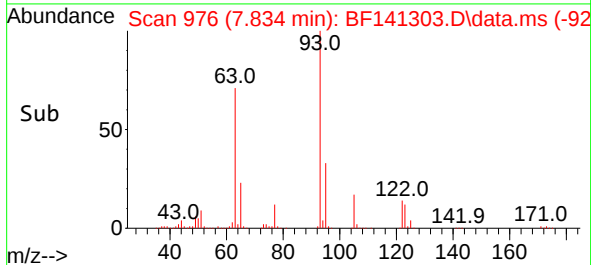
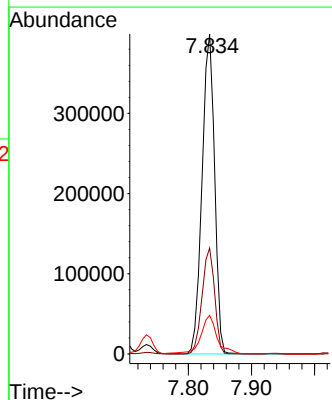
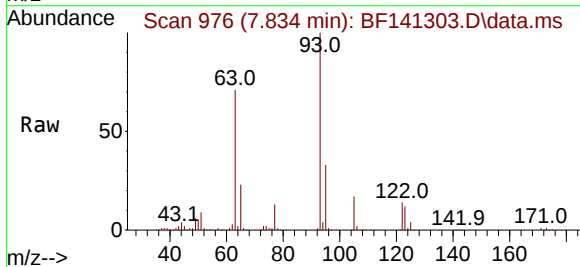
Tgt Ion: 93 Resp: 551443

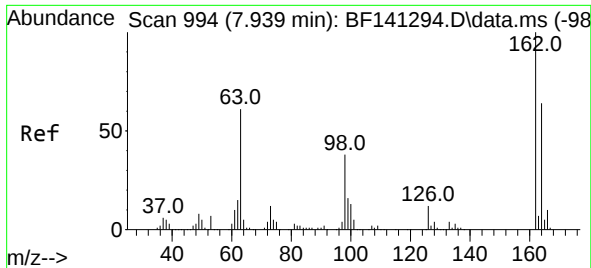
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.364 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

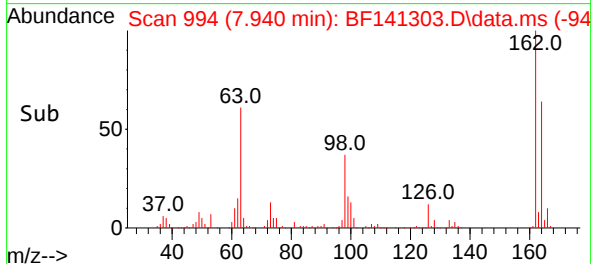
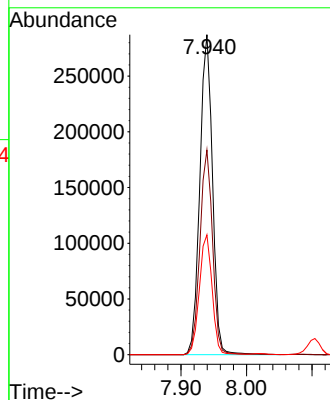
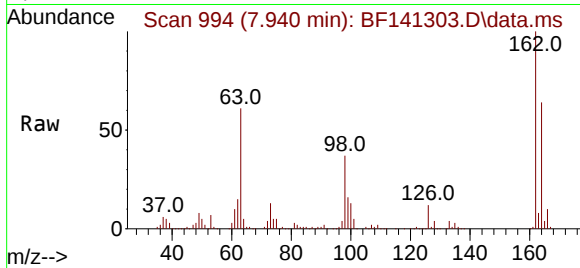
Tgt Ion:162 Resp: 386907

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 37.5 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 41.588 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

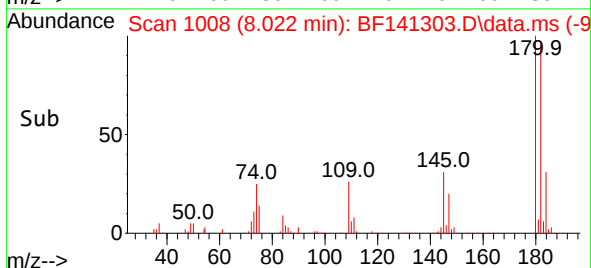
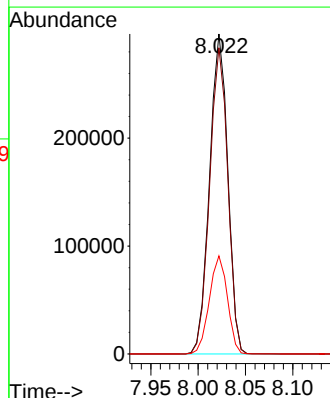
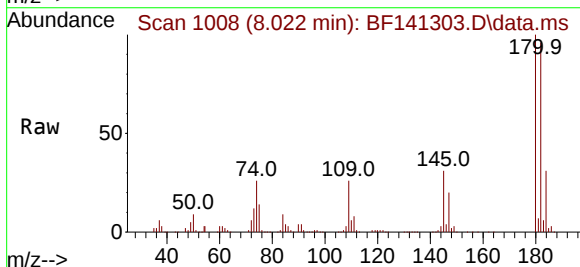
Tgt Ion:180 Resp: 396349

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 30.6 24.9 37.3

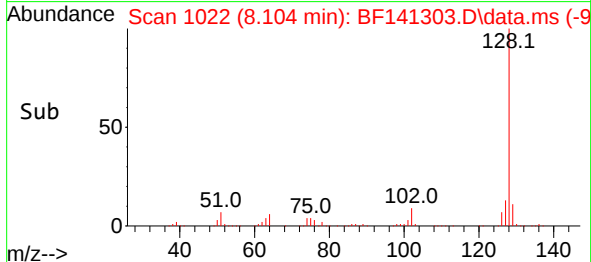
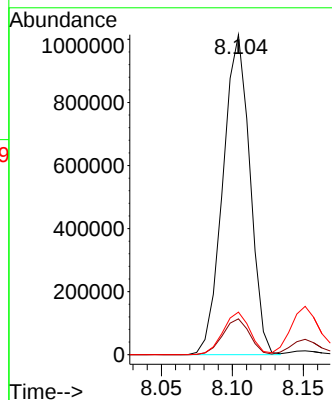
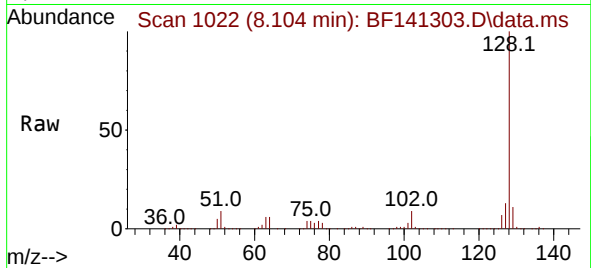




#31
Naphthalene
Concen: 43.940 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

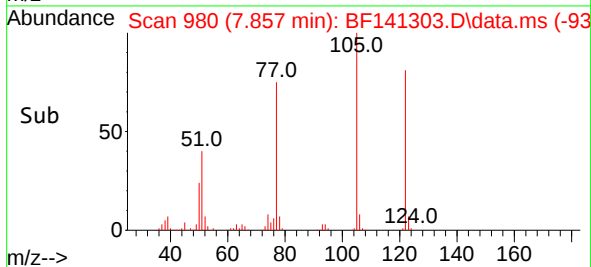
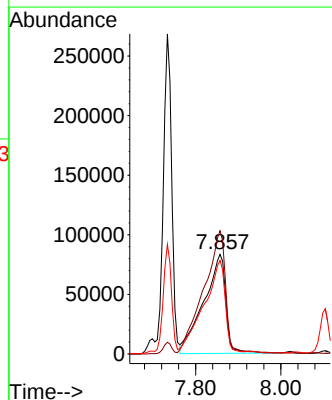
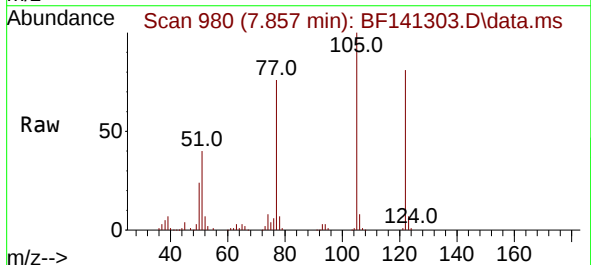
Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:128 Resp: 1340862
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 47.947 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:122 Resp: 300455
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 94.1 70.9 110.9

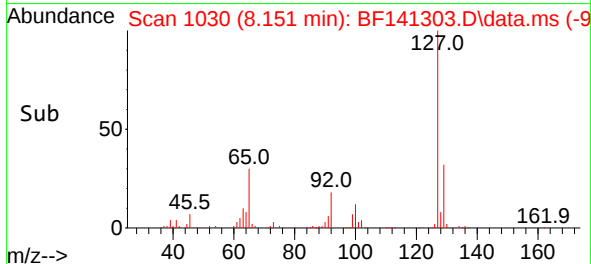
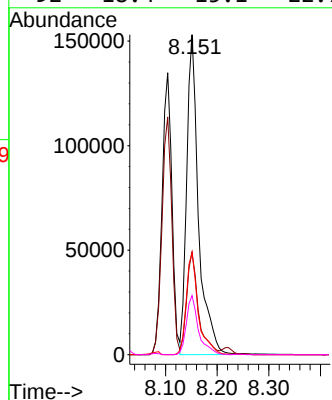
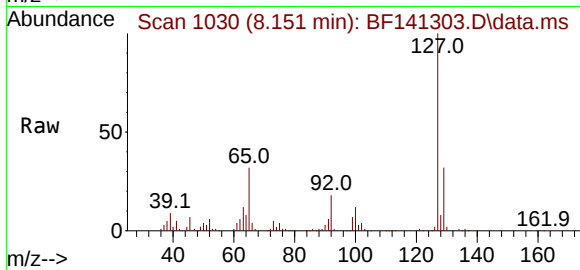




#33
4-Chloroaniline
Concen: 23.645 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

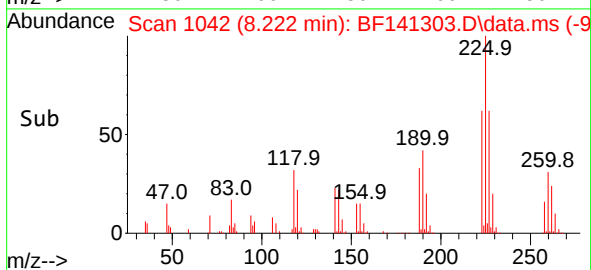
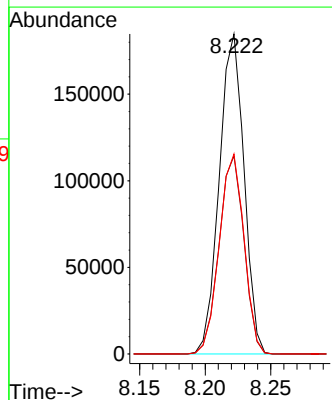
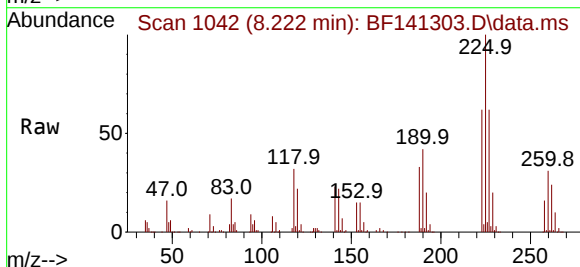
Instrument :
BNA_F
ClientSampleId :
PB166335BS

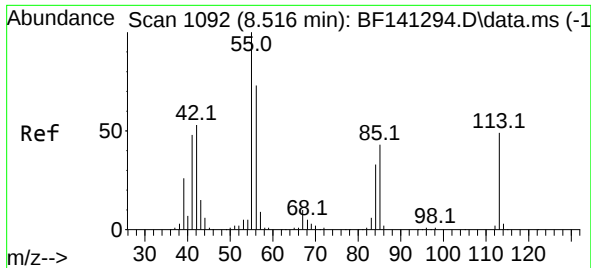
Tgt Ion:	127	Resp:	244684
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	32.0	26.4	39.6
92	18.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 43.336 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:	225	Resp:	242199
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.4	75.6
227	62.5	51.3	76.9

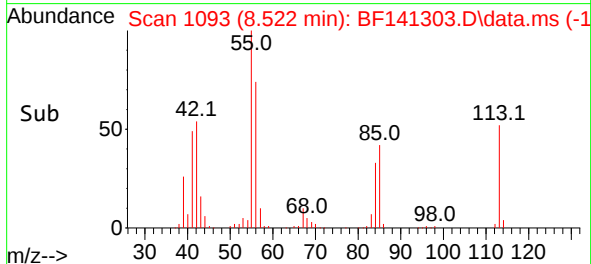
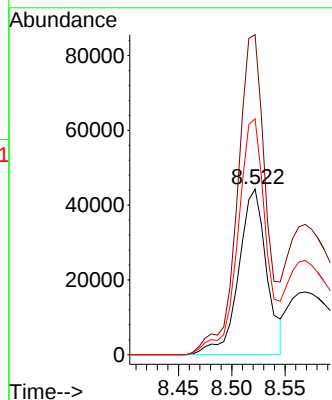
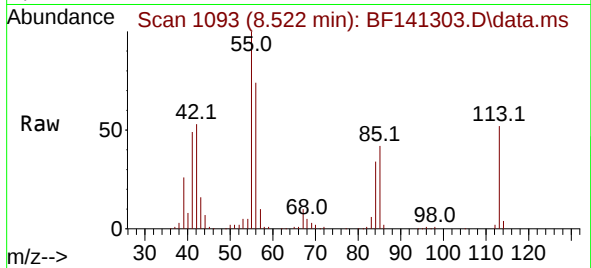




#35
 Caprolactam
 Concen: 29.752 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

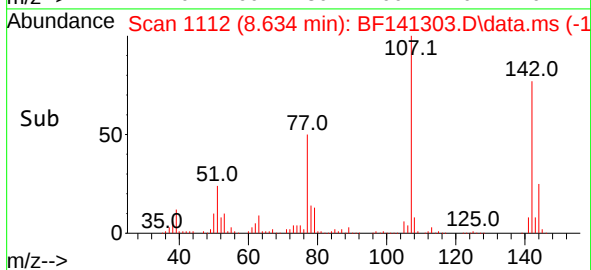
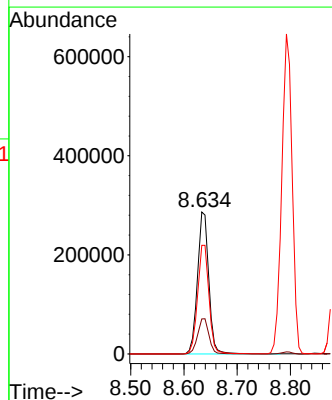
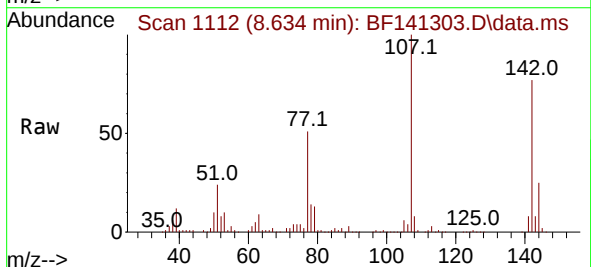
Instrument :
 BNA_F
 ClientSampleId :
 PB166335BS

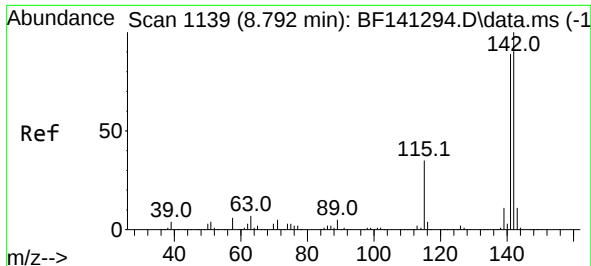
Tgt Ion:113 Resp: 81087
 Ion Ratio Lower Upper
 113 100
 55 193.2 182.9 222.9
 56 142.4 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.276 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

Tgt Ion:107 Resp: 423183
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 76.5 63.8 95.8





#37

2-Methylnaphthalene

Concen: 45.064 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

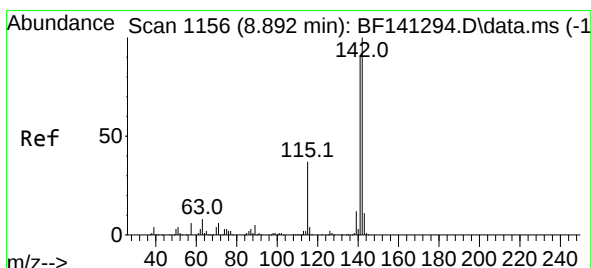
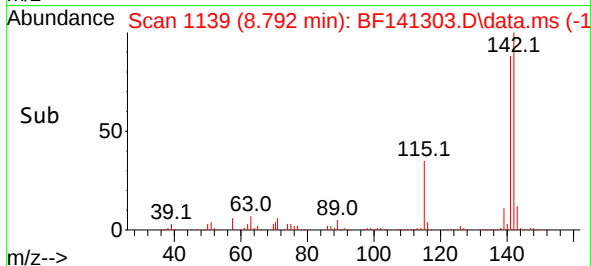
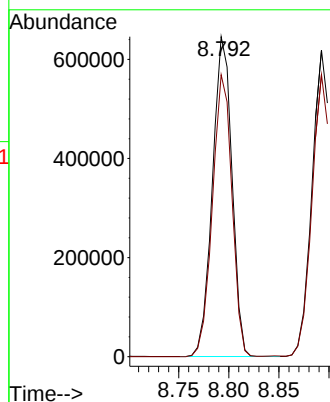
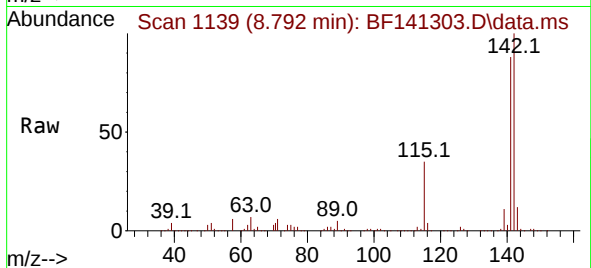
PB166335BS

Tgt Ion:142 Resp: 874025

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9



#38

1-Methylnaphthalene

Concen: 42.680 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141303.D

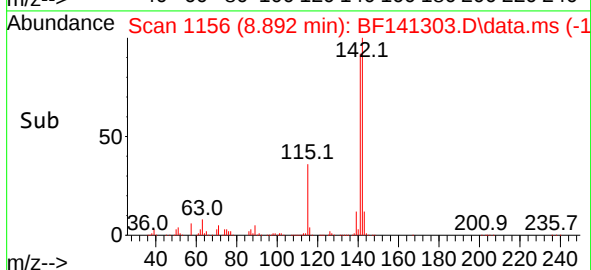
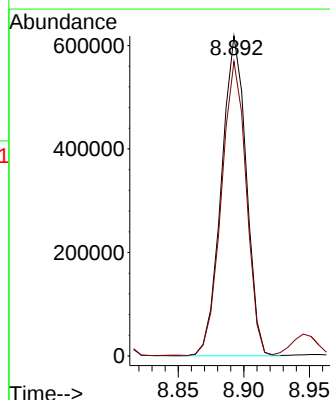
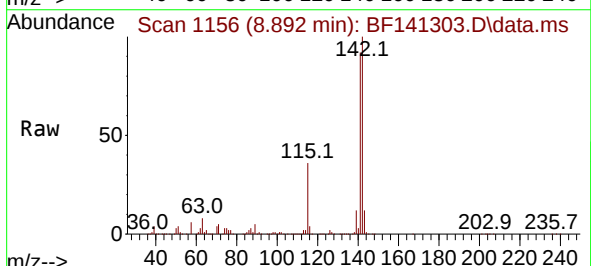
Acq: 30 Jan 2025 09:57

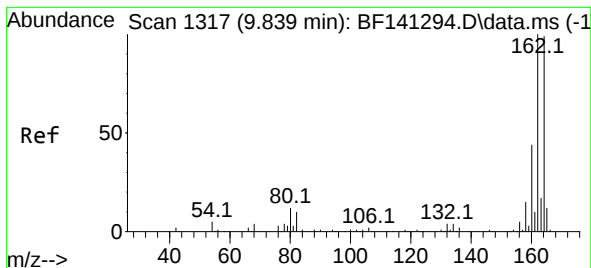
Tgt Ion:142 Resp: 813150

Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

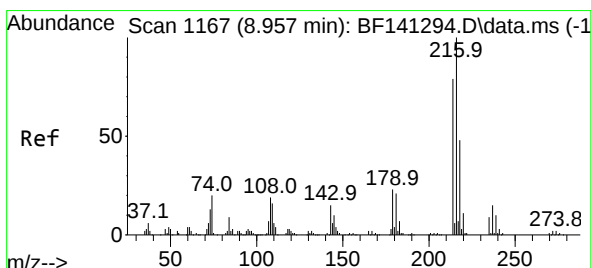
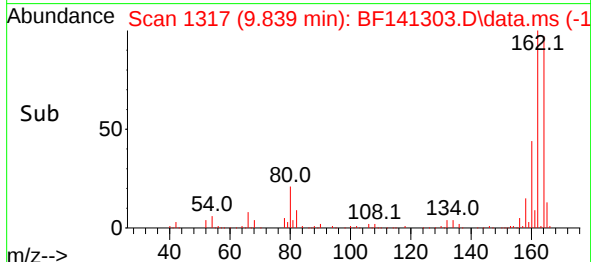
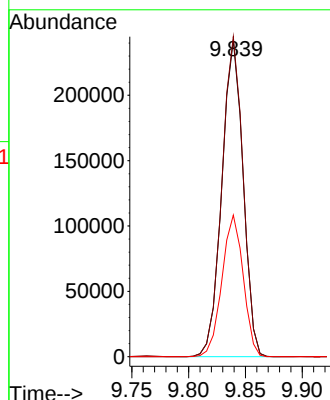
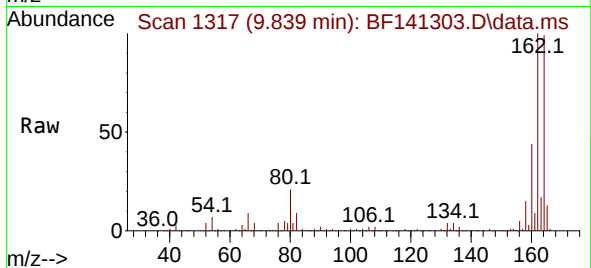
Tgt Ion:164 Resp: 314839

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

160 44.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.934 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:216 Resp: 384554

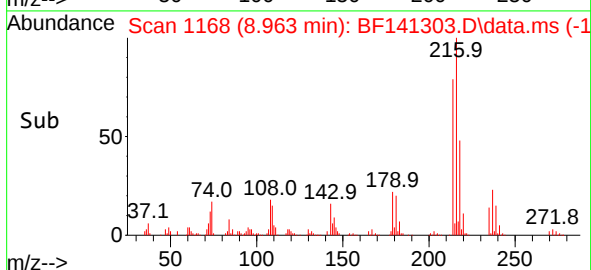
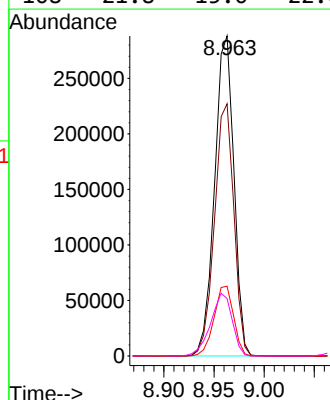
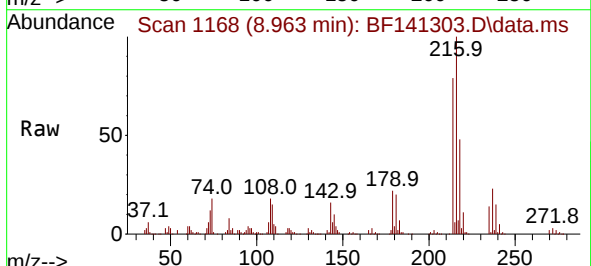
Ion Ratio Lower Upper

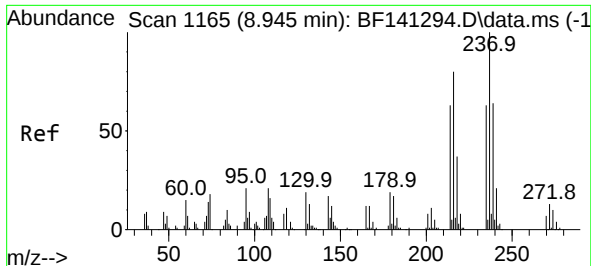
216 100

214 79.1 63.2 94.8

179 22.2 17.8 26.8

108 21.8 15.0 22.6

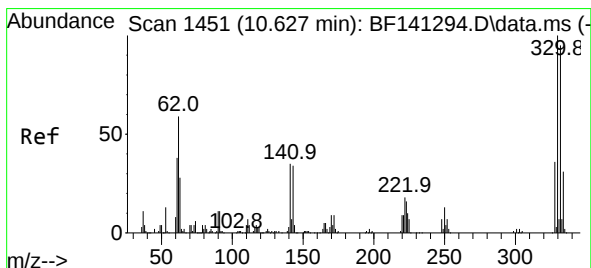
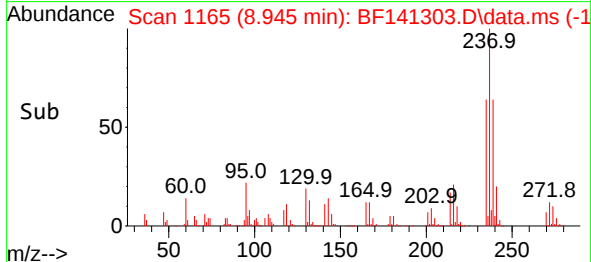
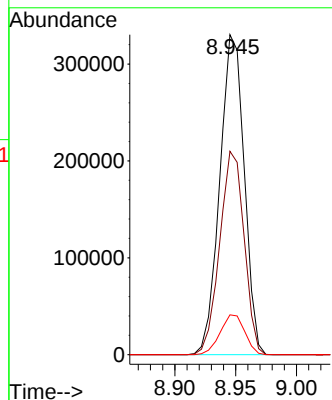
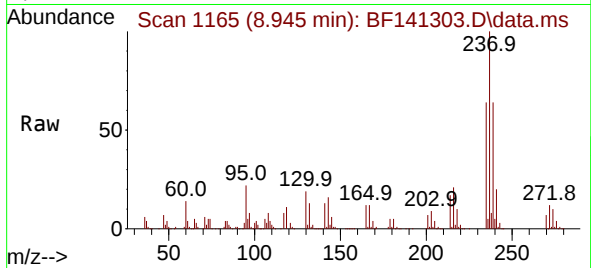




#41
Hexachlorocyclopentadiene
Concen: 174.494 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

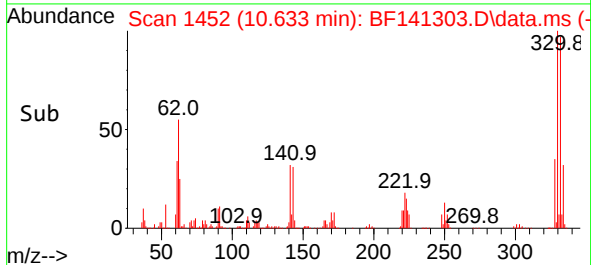
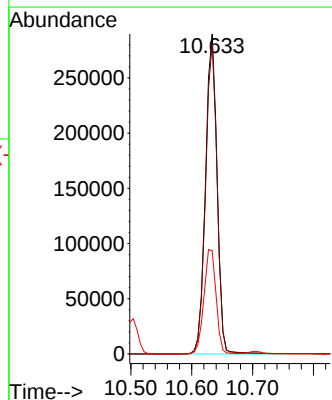
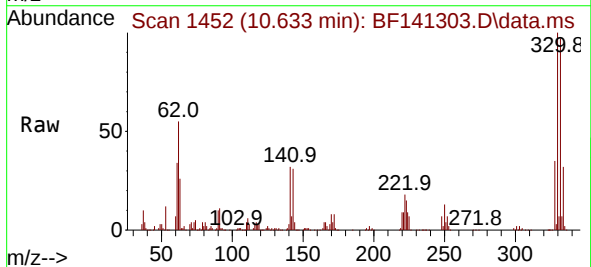
Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:237 Resp: 461572
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 132.881 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:330 Resp: 383541
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 34.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 45.768 ng

RT: 9.075 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

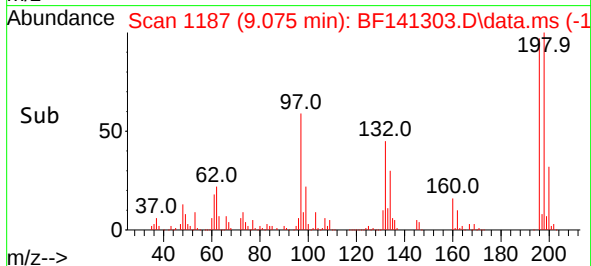
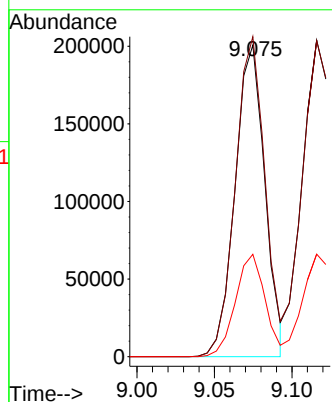
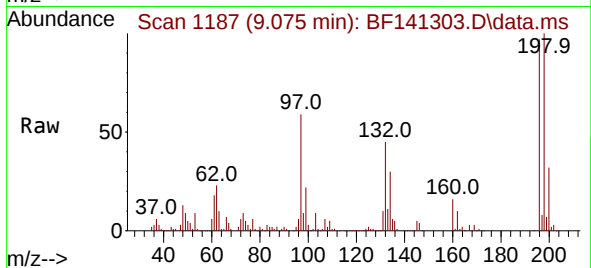
Tgt Ion:196 Resp: 268317

Ion Ratio Lower Upper

196 100

198 102.6 81.8 122.6

200 32.9 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 45.357 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:196 Resp: 289410

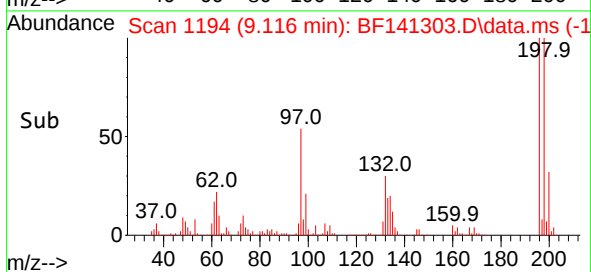
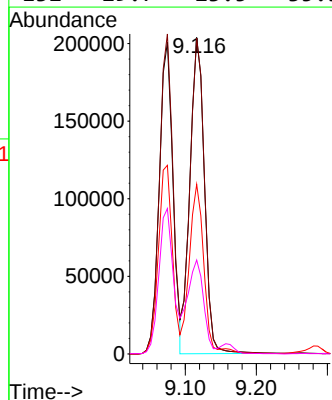
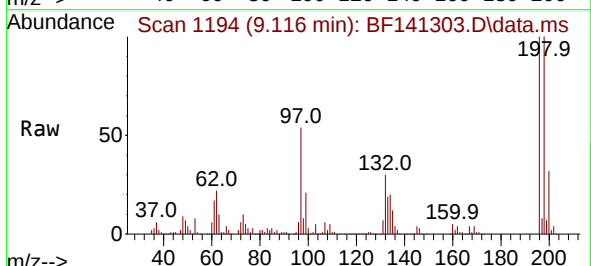
Ion Ratio Lower Upper

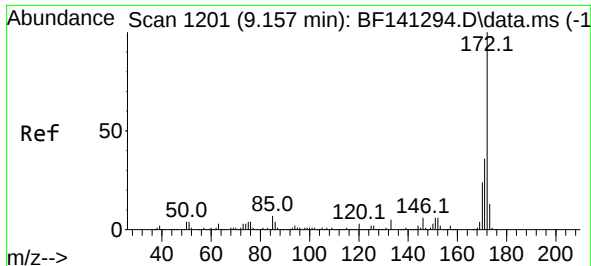
196 100

198 99.8 80.5 120.7

97 53.6 42.8 64.2

132 29.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 83.483 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

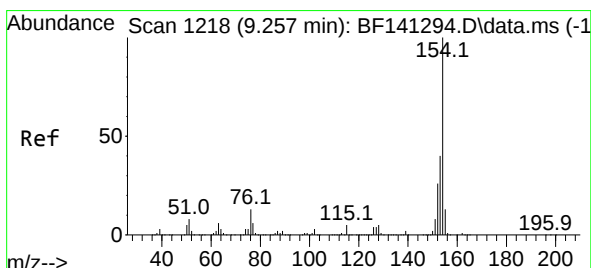
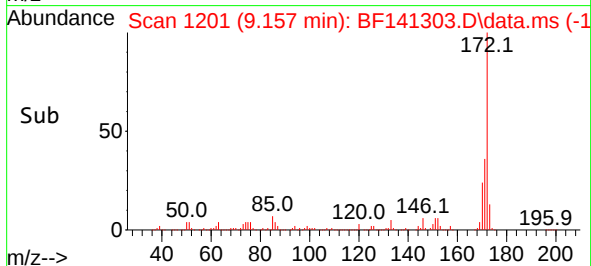
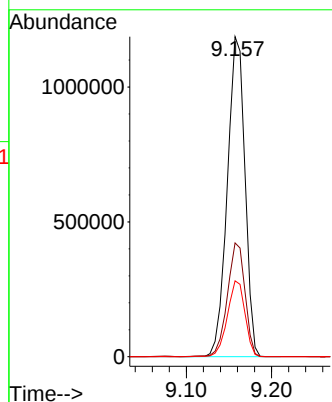
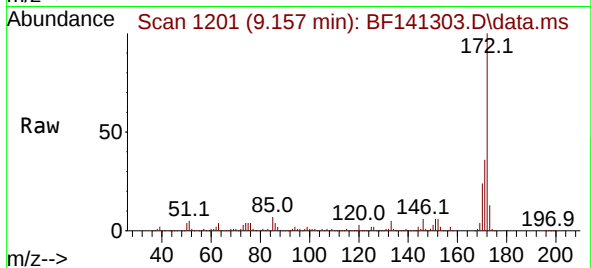
Tgt Ion:172 Resp: 1707638

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.923 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

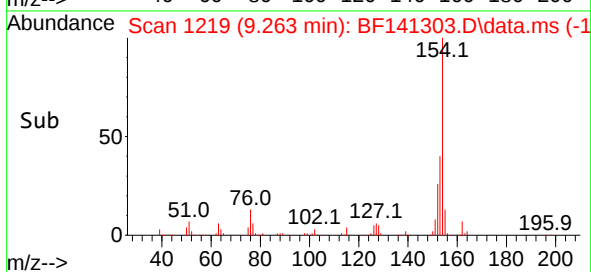
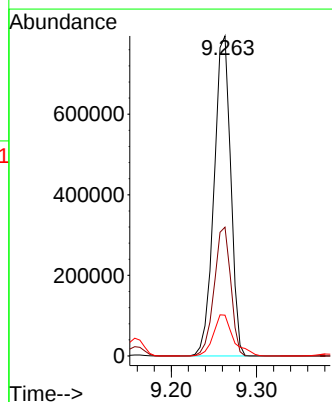
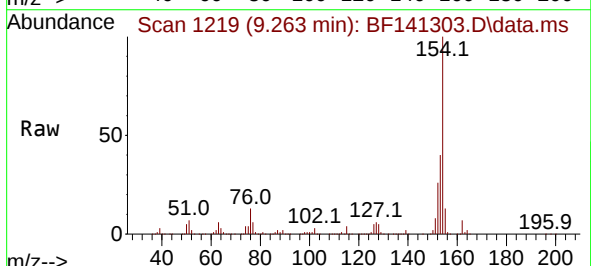
Tgt Ion:154 Resp: 1078473

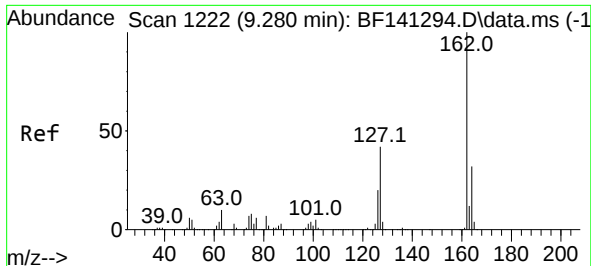
Ion Ratio Lower Upper

154 100

153 40.2 20.0 60.0

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 42.319 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

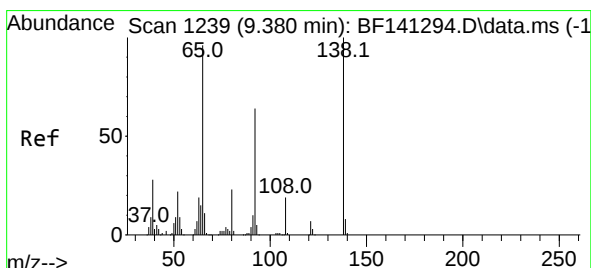
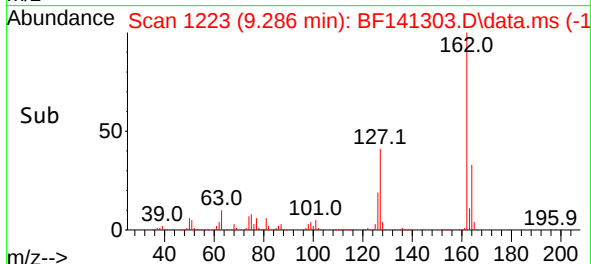
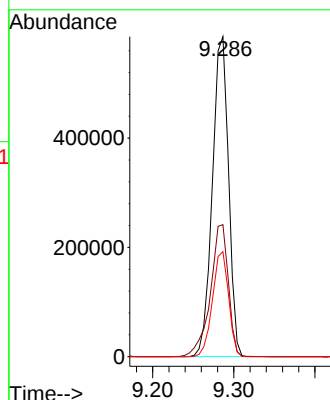
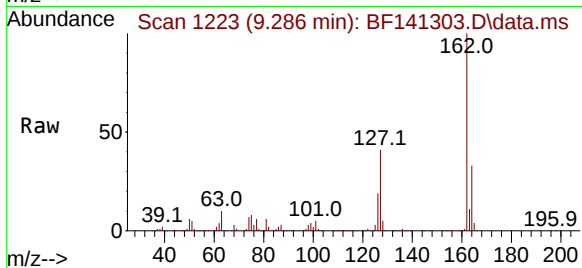
Tgt Ion:162 Resp: 809908

Ion Ratio Lower Upper

162 100

127 41.2 33.7 50.5

164 32.8 25.9 38.9



#48

2-Nitroaniline

Concen: 46.739 ng

RT: 9.381 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

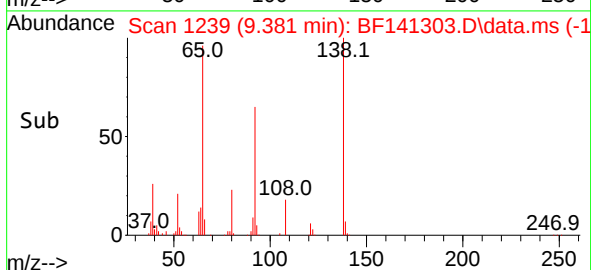
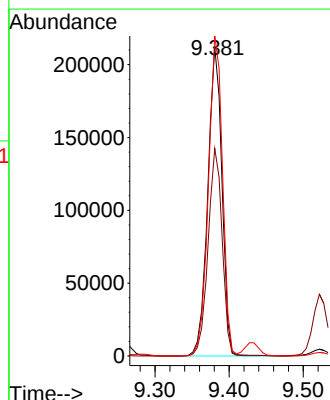
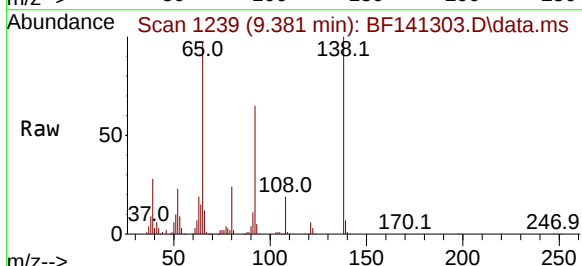
Tgt Ion: 65 Resp: 281360

Ion Ratio Lower Upper

65 100

92 67.1 53.3 79.9

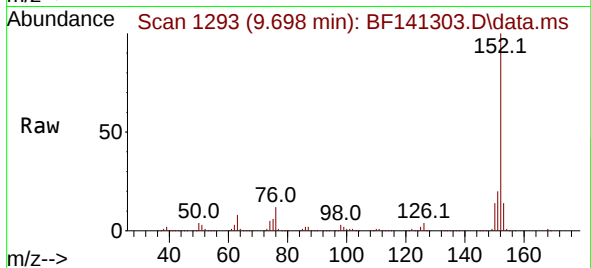
138 103.5 83.6 125.4



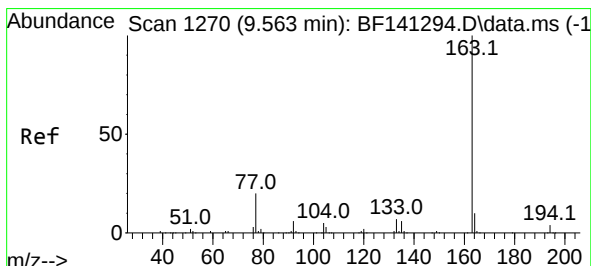
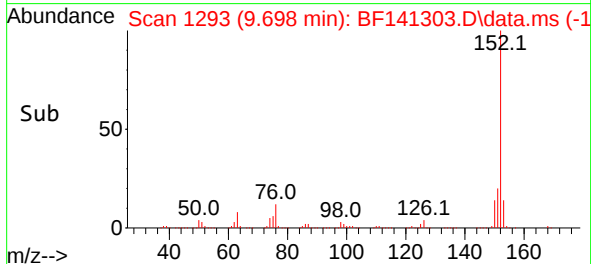
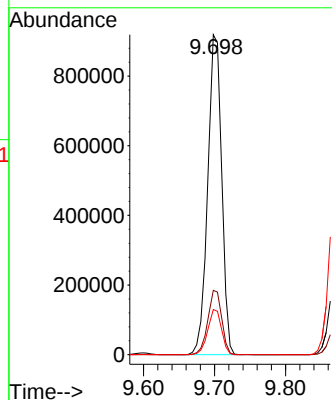


#49
Acenaphthylene
Concen: 46.969 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

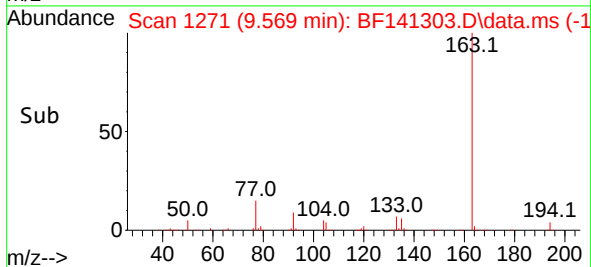
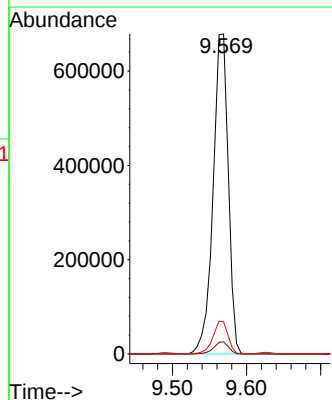
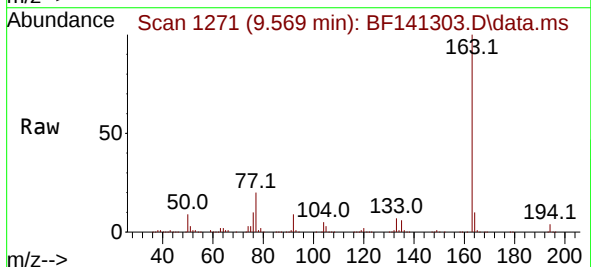


Tgt Ion:152 Resp: 1258307
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 45.457 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:163 Resp: 966609
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0

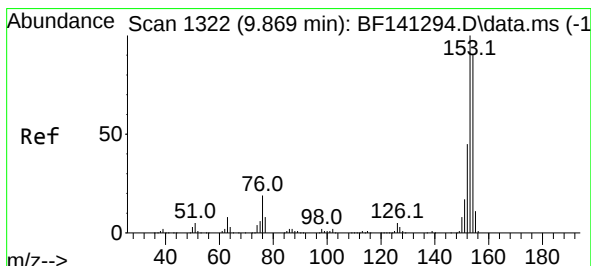
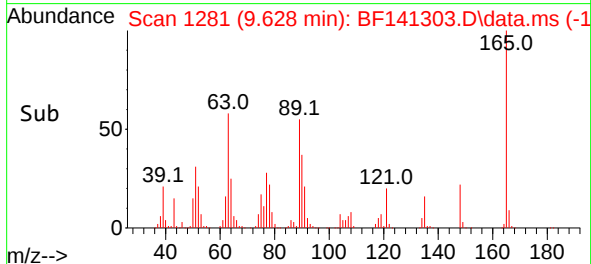
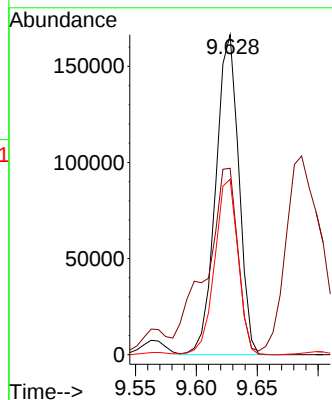
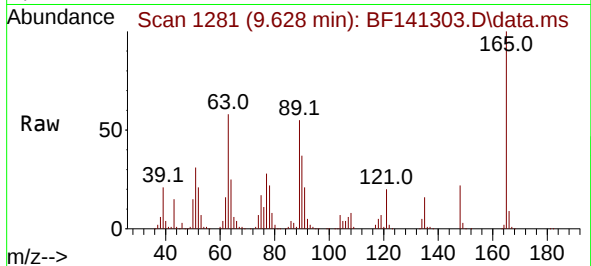




#51
2,6-Dinitrotoluene
Concen: 44.369 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

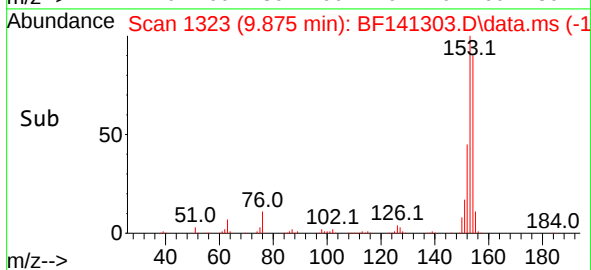
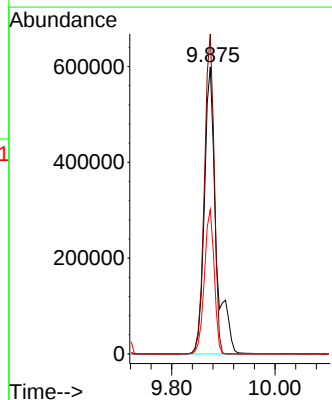
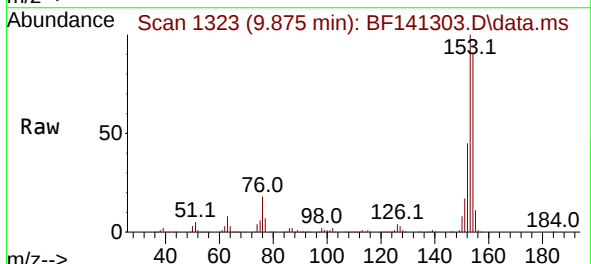
Instrument :
BNA_F
ClientSampleId :
PB166335BS

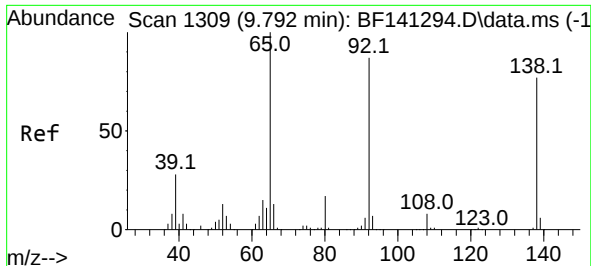
Tgt Ion:165 Resp: 219062
Ion Ratio Lower Upper
165 100
63 58.3 48.1 72.1
89 54.9 44.9 67.3



#52
Acenaphthene
Concen: 49.154 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:154 Resp: 940752
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.4
152 50.3 40.2 60.4

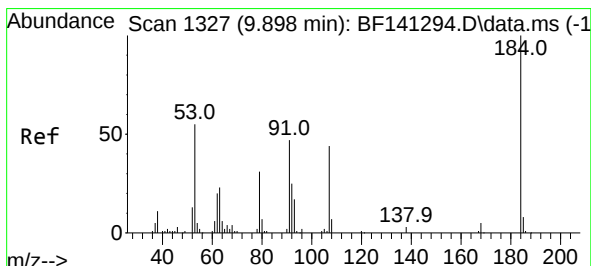
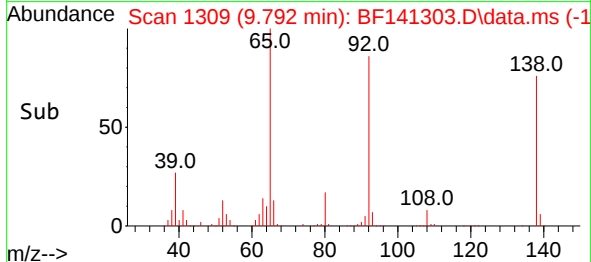
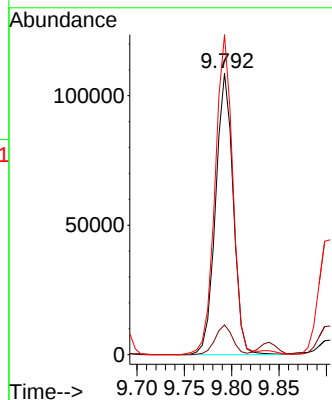
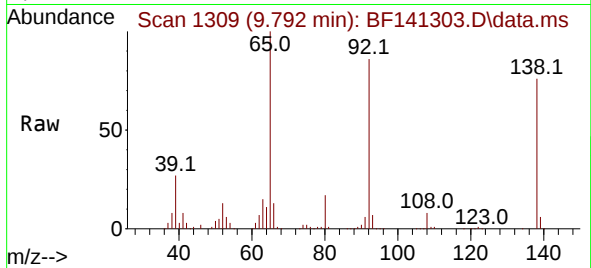




#53
3-Nitroaniline
Concen: 29.127 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

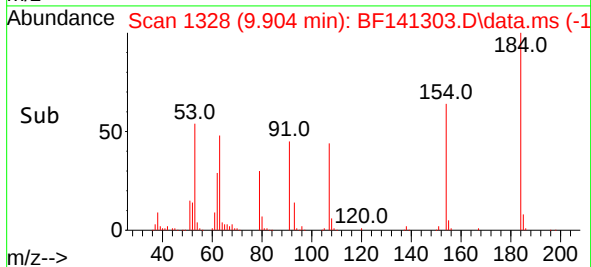
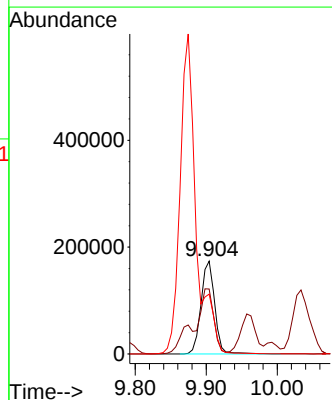
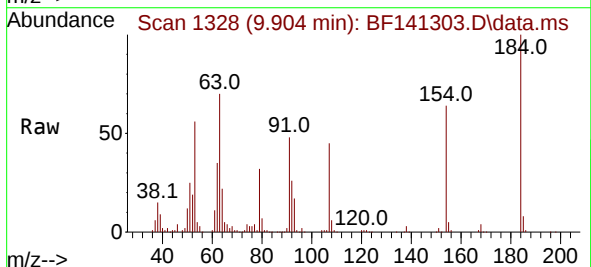
Instrument :
BNA_F
ClientSampleId :
PB166335BS

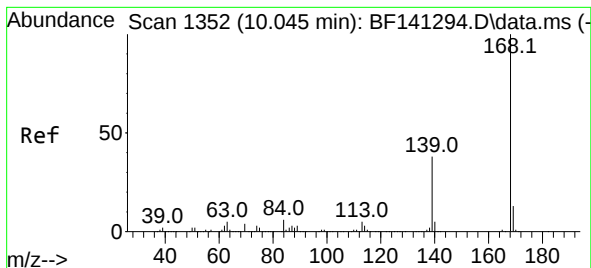
Tgt Ion:138 Resp: 140948
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 113.6 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 101.996 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:184 Resp: 234093
Ion Ratio Lower Upper
184 100
63 70.0 54.1 81.1
154 64.5 50.7 76.1





#55

Dibenzenofuran

Concen: 44.361 ng

RT: 10.045 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

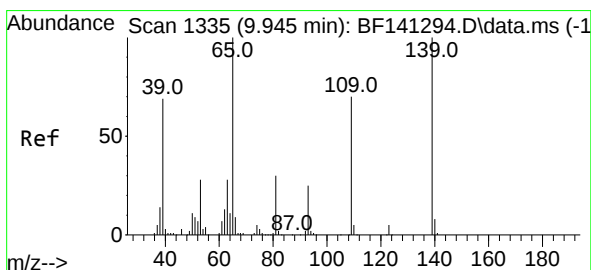
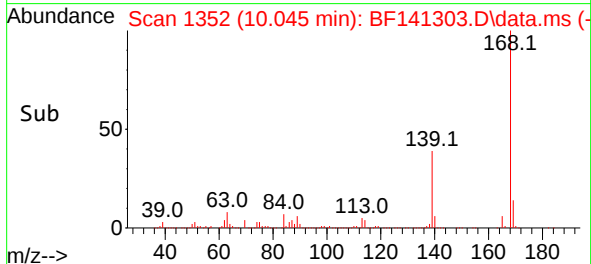
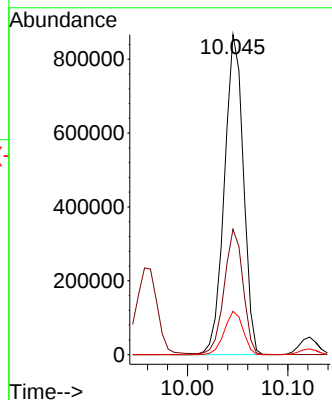
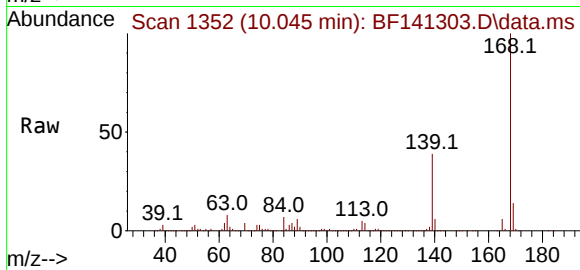
Tgt Ion:168 Resp: 1136446

Ion Ratio Lower Upper

168 100

139 39.2 30.6 46.0

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 98.382 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

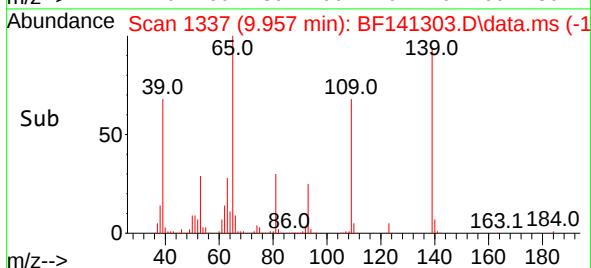
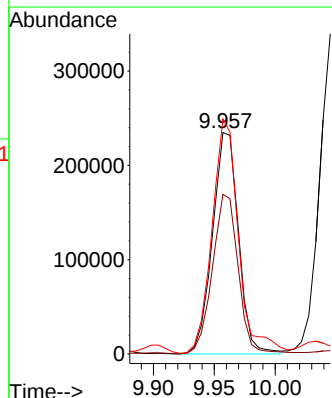
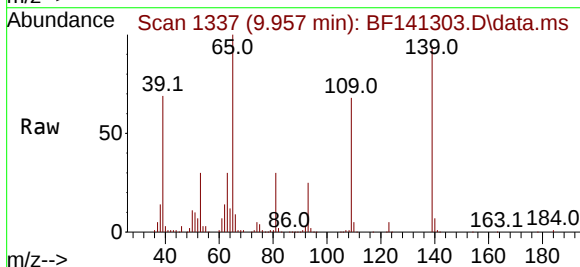
Tgt Ion:139 Resp: 348173

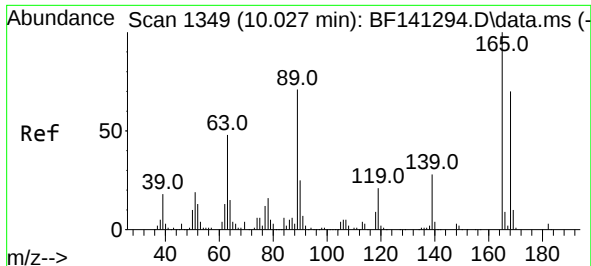
Ion Ratio Lower Upper

139 100

109 72.1 50.2 90.2

65 106.1 80.6 120.6

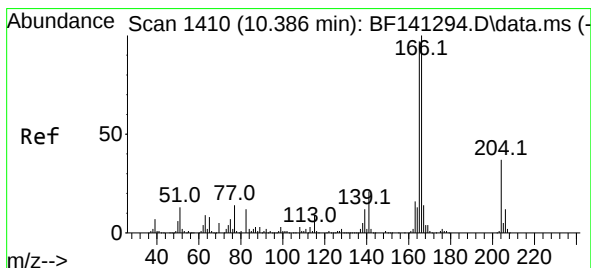
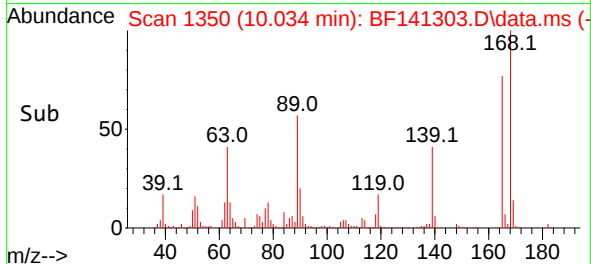
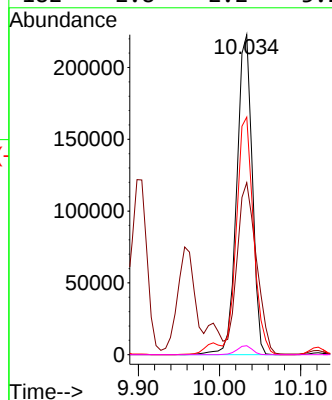
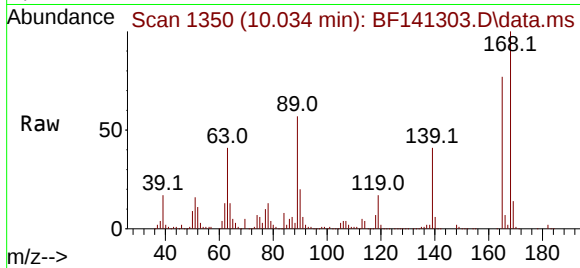




#57
2,4-Dinitrotoluene
Concen: 45.977 ng
RT: 10.034 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

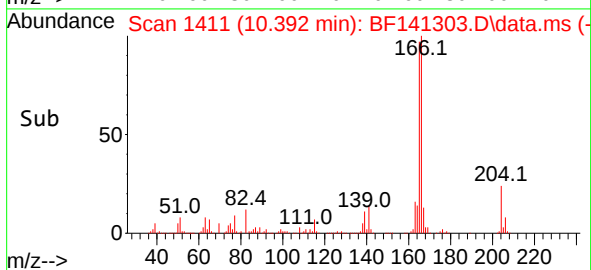
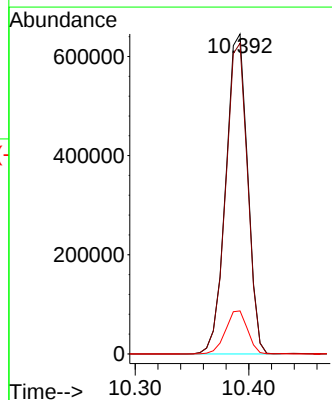
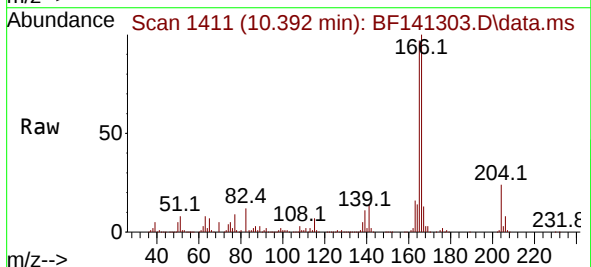
Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:165 Resp: 293904
Ion Ratio Lower Upper
165 100
63 53.8 39.2 58.8
89 74.2 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 43.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:166 Resp: 861135
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.5 10.9 16.3

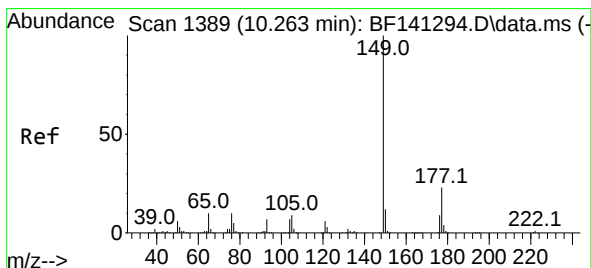
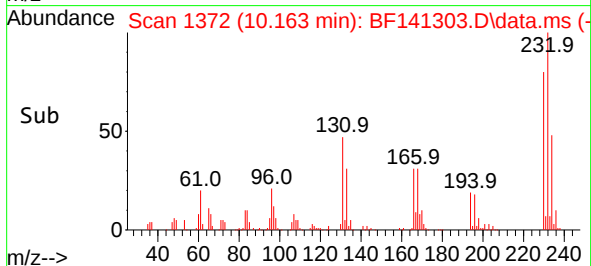
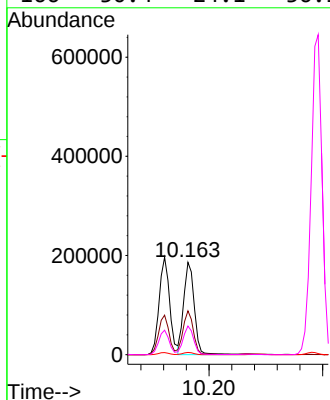
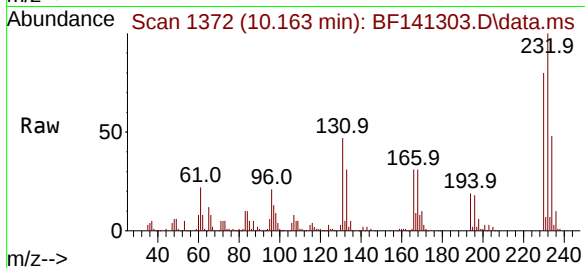




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.738 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

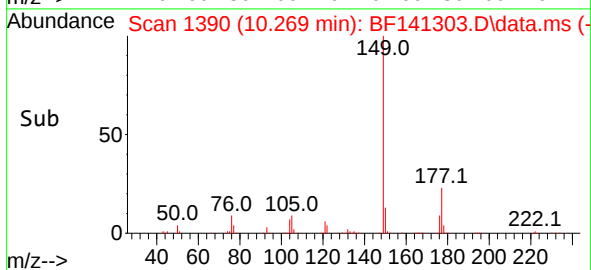
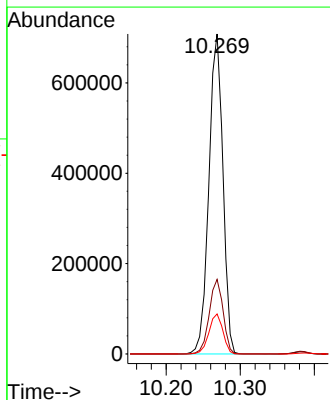
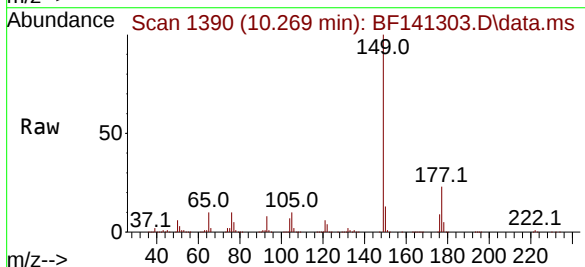
Instrument :
BNA_F
ClientSampleId :
PB166335BS

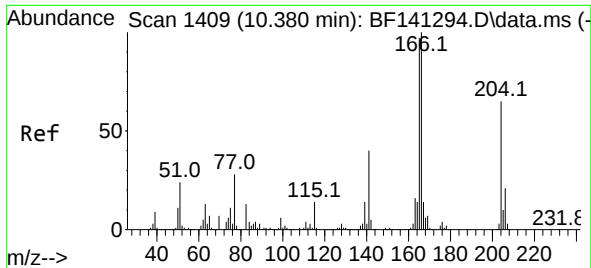
Tgt Ion:232 Resp: 239637
Ion Ratio Lower Upper
232 100
131 47.5 36.4 54.6
130 2.5 1.9 2.9
166 30.4 24.1 36.1



#60
Diethylphthalate
Concen: 45.051 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:149 Resp: 928855
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.5 10.0 15.0

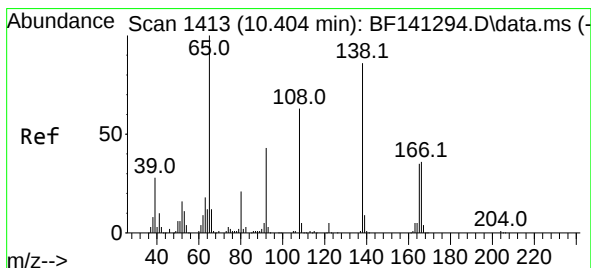
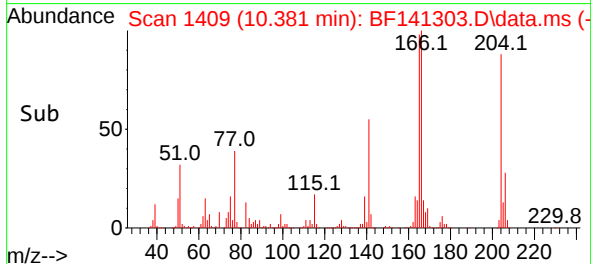
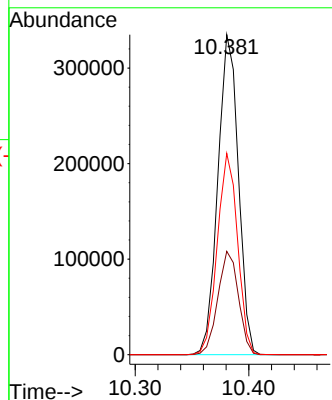
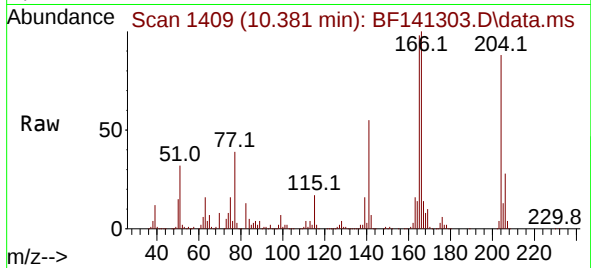




#61
4-Chlorophenyl-phenylether
Concen: 43.368 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

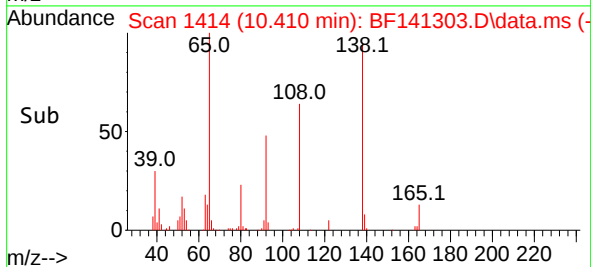
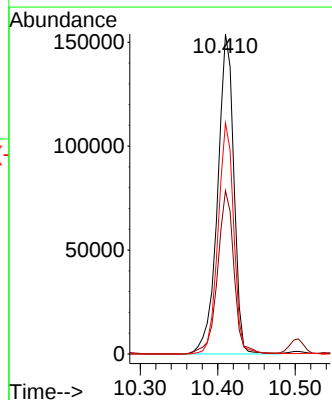
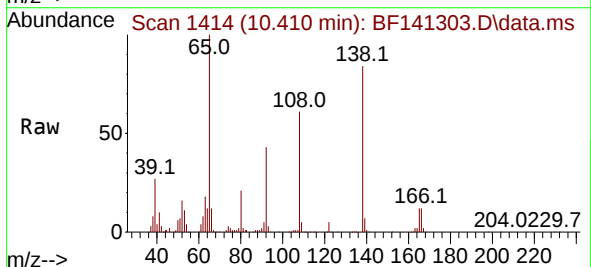
Instrument :
BNA_F
ClientSampleId :
PB166335BS

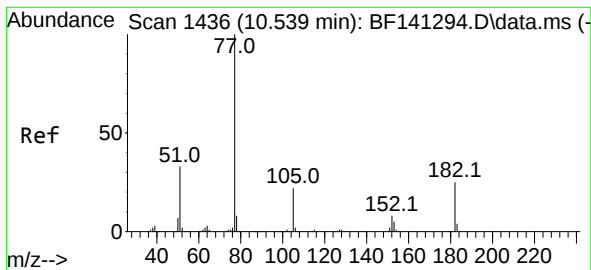
Tgt Ion:204 Resp: 420967
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 62.9 49.5 74.3



#62
4-Nitroaniline
Concen: 47.166 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:138 Resp: 224393
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 72.2 53.1 93.1





#63

Azobenzene

Concen: 45.821 ng

RT: 10.545 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

Tgt Ion: 77 Resp: 945659

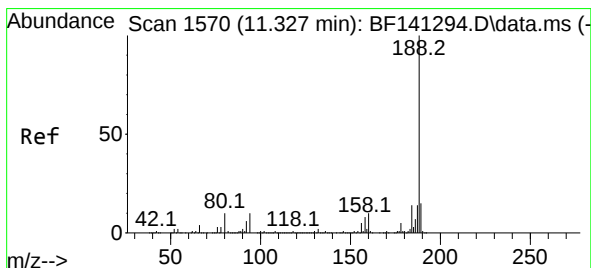
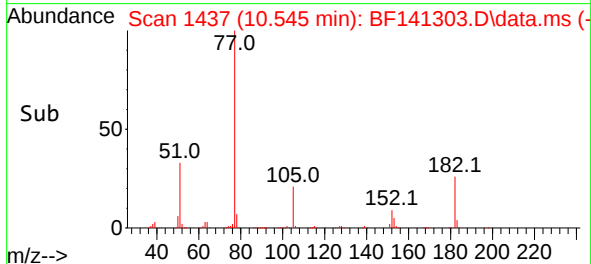
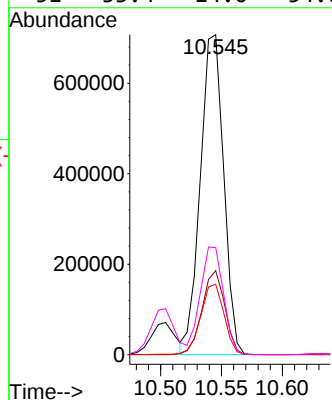
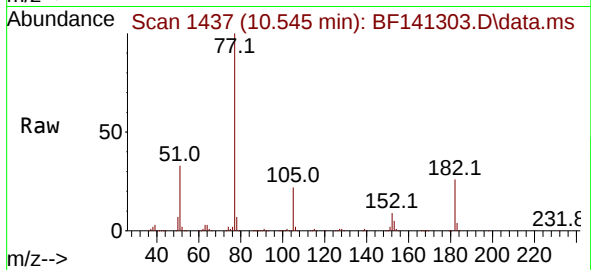
Ion Ratio Lower Upper

77 100

182 26.2 5.1 45.1

105 22.0 1.8 41.8

51 33.4 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

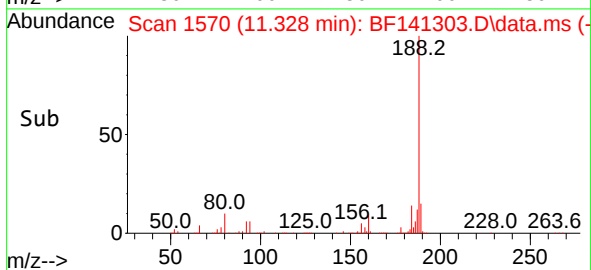
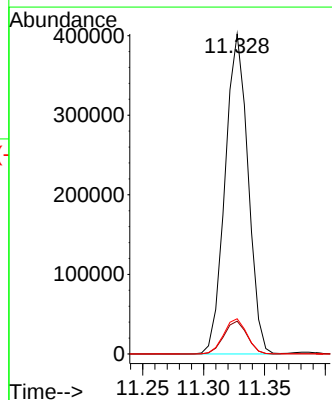
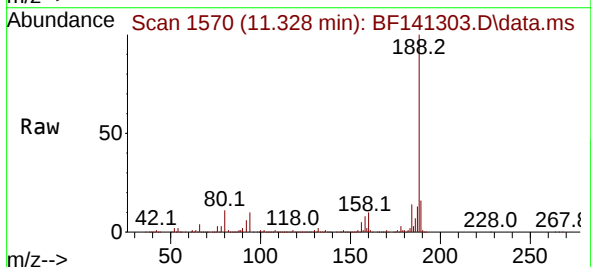
Tgt Ion: 188 Resp: 527268

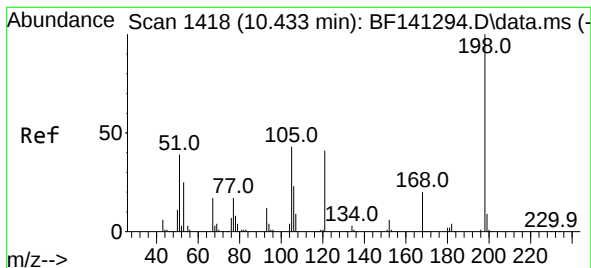
Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 11.0 8.2 12.4

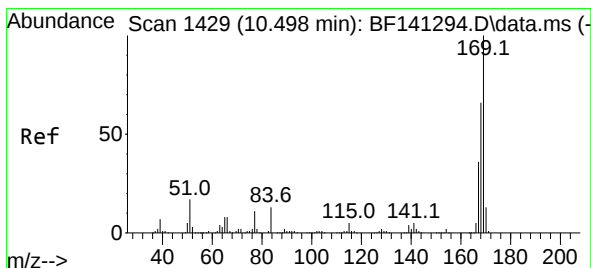
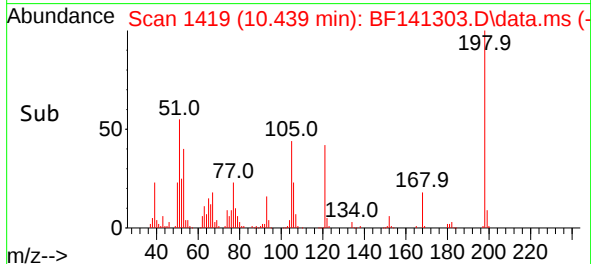
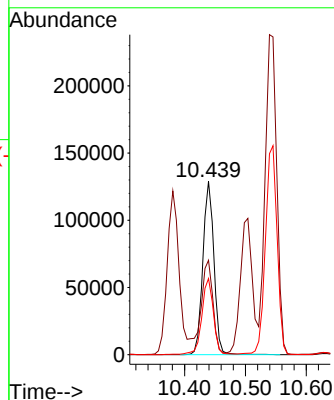
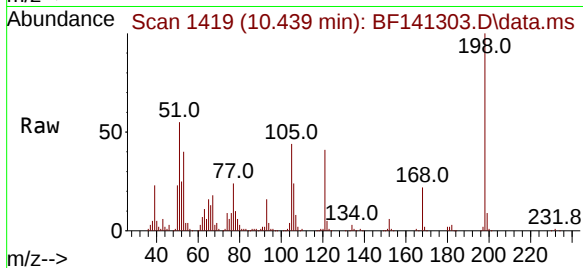




#65
4,6-Dinitro-2-methylphenol
Concen: 52.188 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

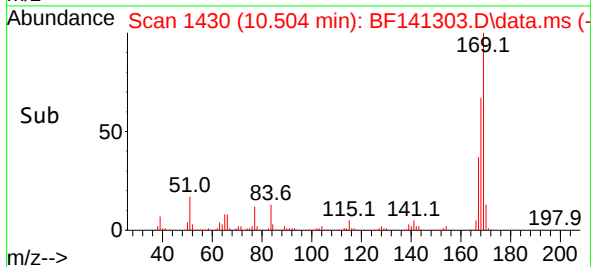
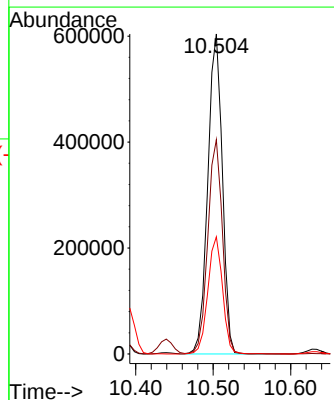
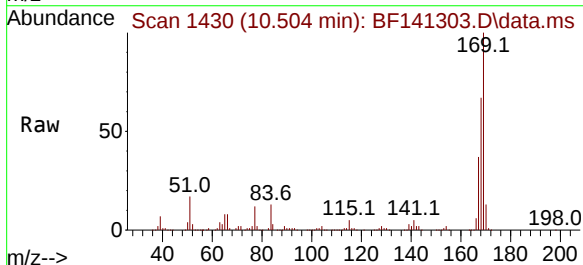
Instrument :
BNA_F
ClientSampleId :
PB166335BS

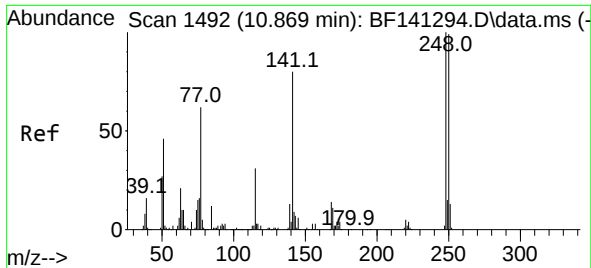
Tgt Ion:198 Resp: 162763
Ion Ratio Lower Upper
198 100
51 54.5 33.4 73.4
105 44.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.003 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:169 Resp: 784521
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.6 28.8 43.2

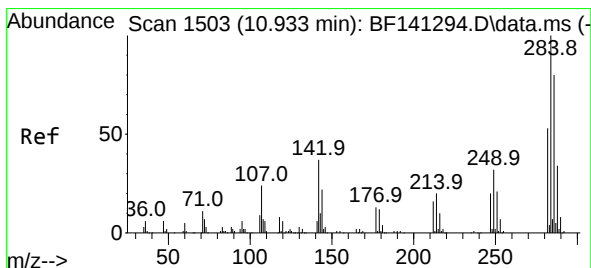
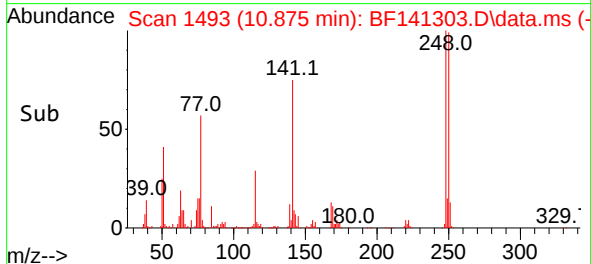
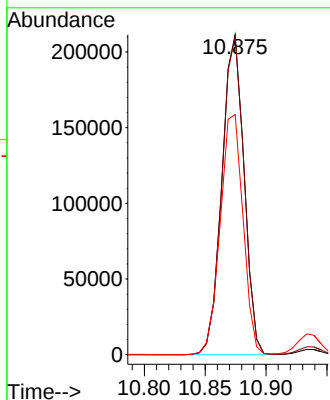
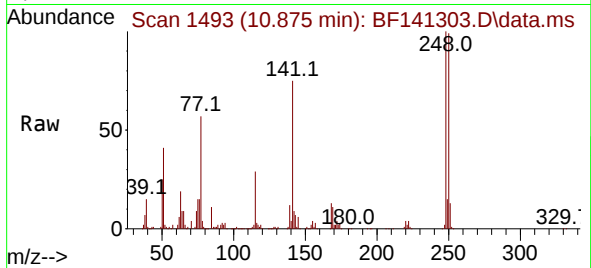




#67
4-Bromophenyl-phenylether
Concen: 45.301 ng
RT: 10.875 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

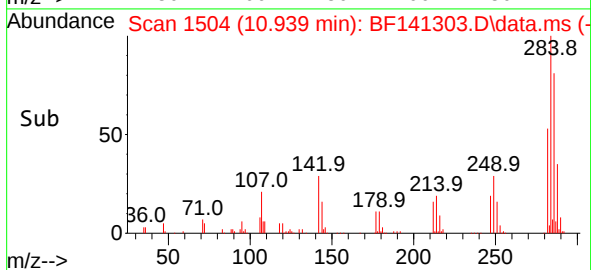
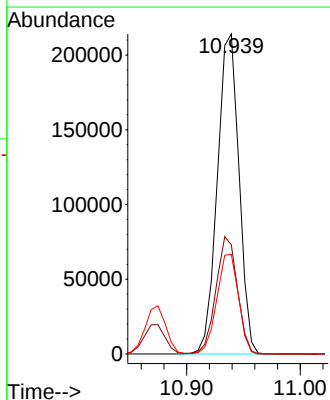
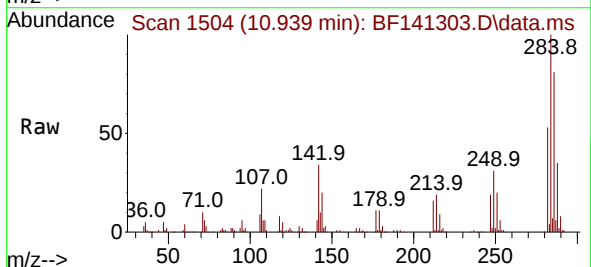
Instrument :
BNA_F
ClientSampleId :
PB166335BS

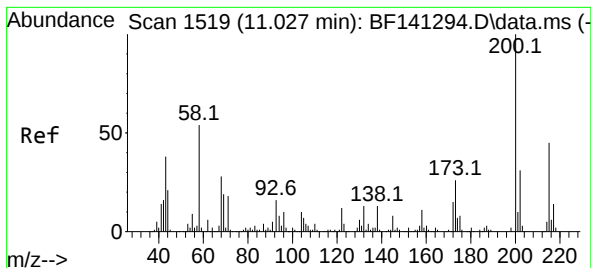
Tgt Ion:248 Resp: 267408
Ion Ratio Lower Upper
248 100
250 99.5 79.0 118.4
141 75.1 63.7 95.5



#68
Hexachlorobenzene
Concen: 45.293 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:284 Resp: 283607
Ion Ratio Lower Upper
284 100
142 34.1 29.5 44.3
249 31.1 25.4 38.2





#69

Atrazine

Concen: 48.323 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

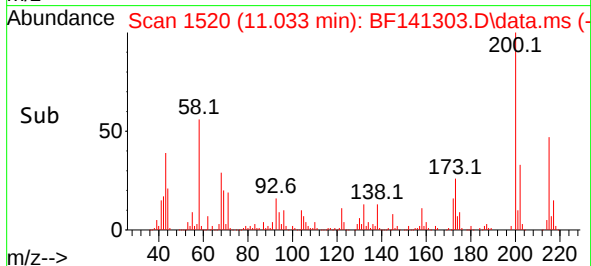
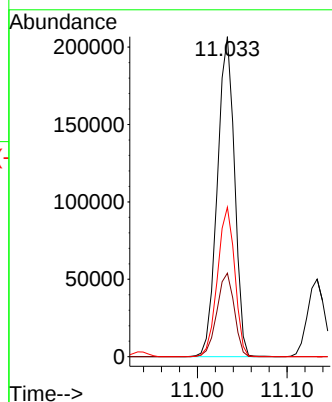
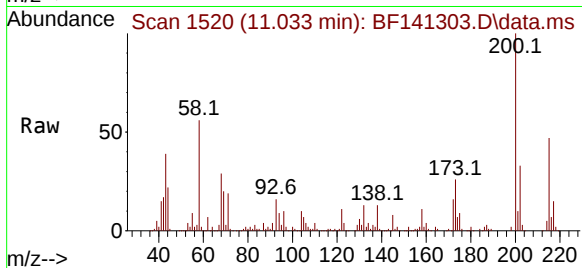
Tgt Ion:200 Resp: 275531

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

215 46.7 25.2 65.2



#70

Pentachlorophenol

Concen: 93.942 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

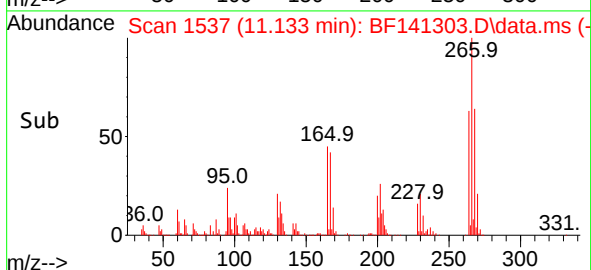
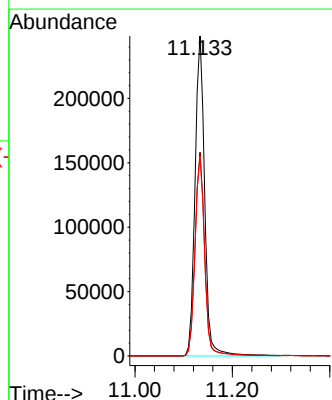
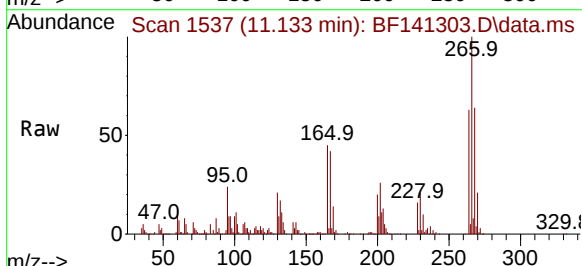
Tgt Ion:266 Resp: 344451

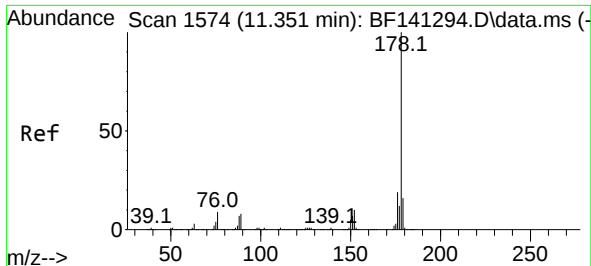
Ion Ratio Lower Upper

266 100

268 63.7 49.9 74.9

264 62.6 51.0 76.4

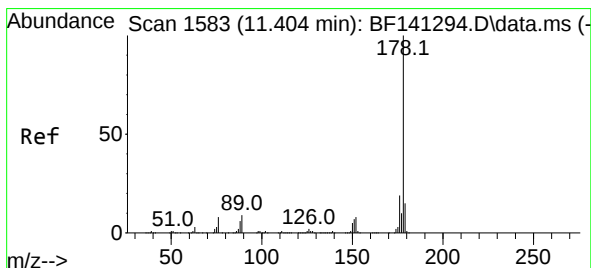
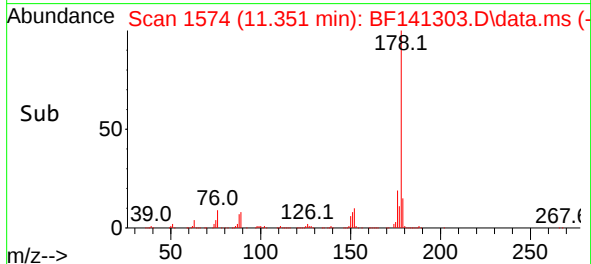
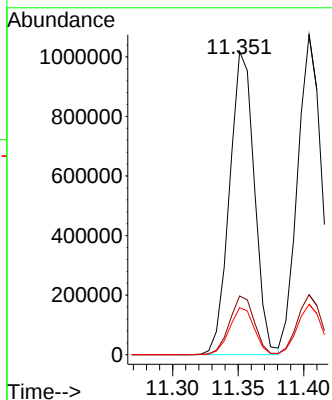
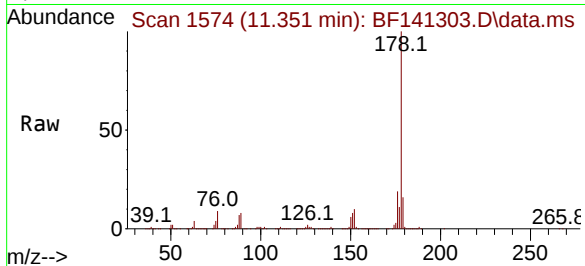




#71
Phenanthrene
Concen: 47.307 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

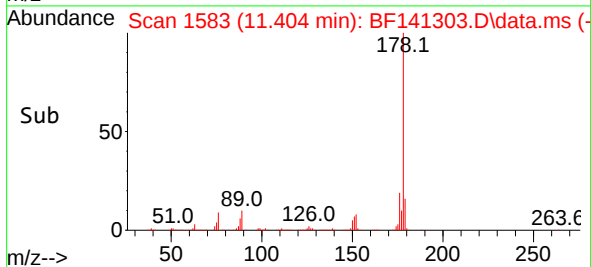
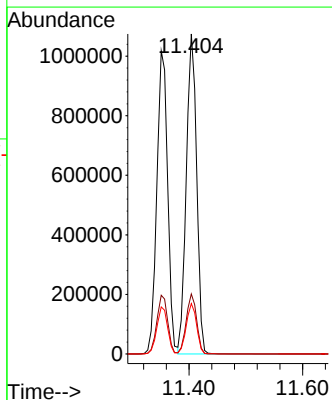
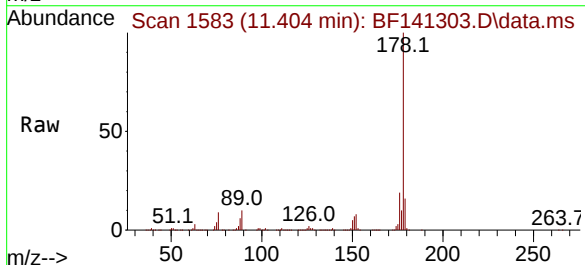
Instrument :
BNA_F
ClientSampleId :
PB166335BS

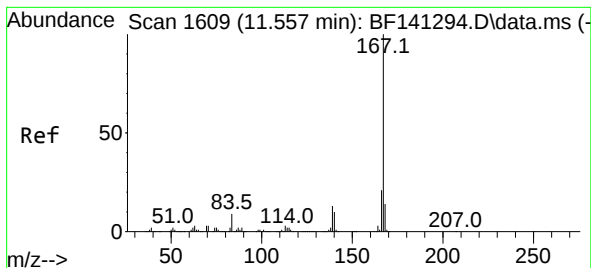
Tgt Ion:178 Resp: 1340804
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 48.866 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:178 Resp: 1357047
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.8 12.3 18.5





#73

Carbazole

Concen: 47.979 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

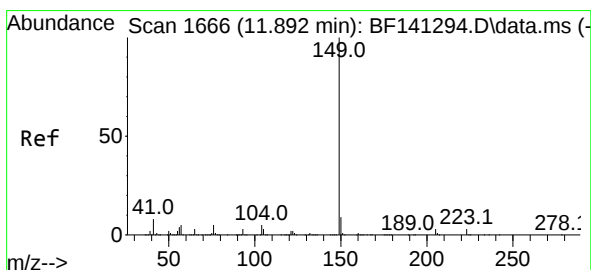
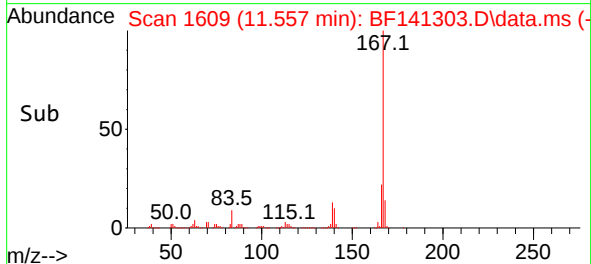
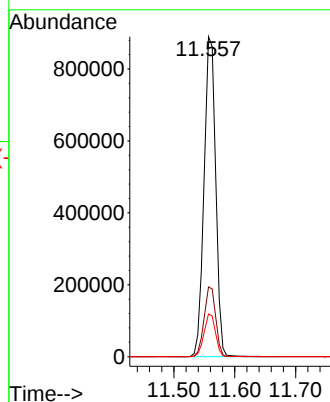
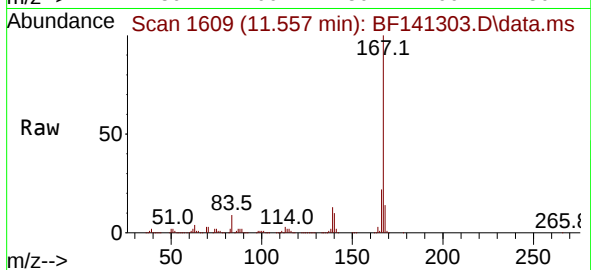
BNA_F

ClientSampleId :

PB166335BS

Tgt Ion:167 Resp: 1181478

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.3	10.6	16.0



#74

Di-n-butylphthalate

Concen: 48.248 ng

RT: 11.892 min Scan# 1666

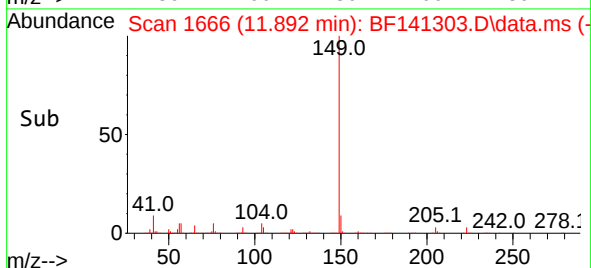
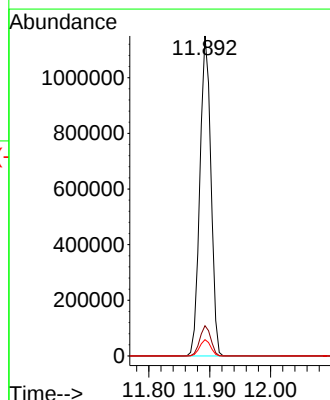
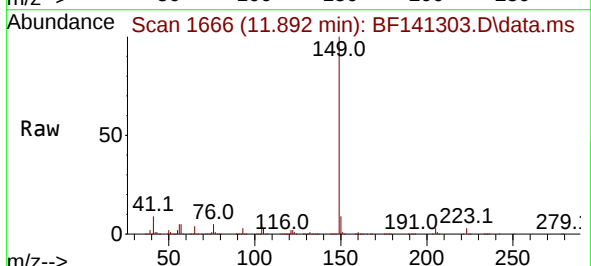
Delta R.T. 0.000 min

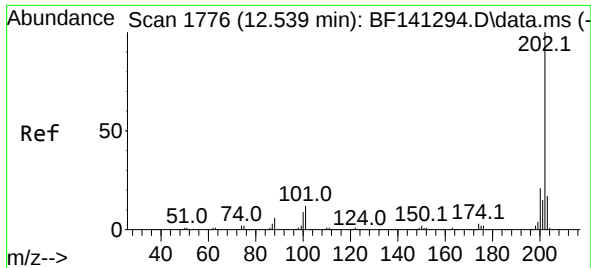
Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Tgt Ion:149 Resp: 1439854

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	3.9	5.9

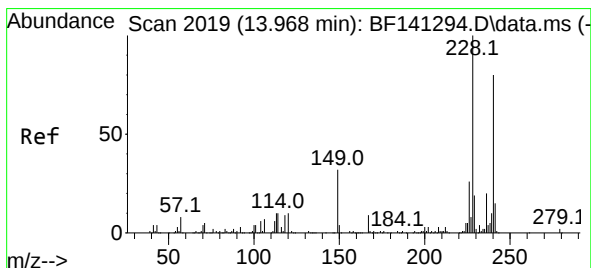
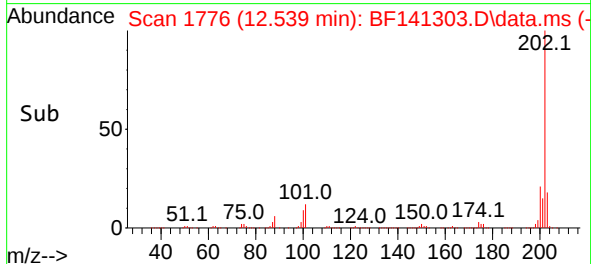
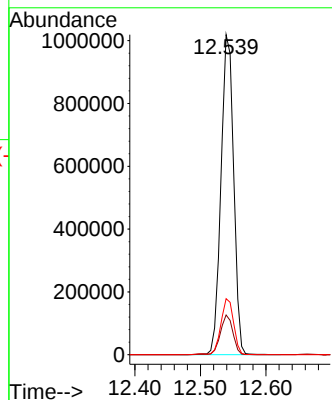
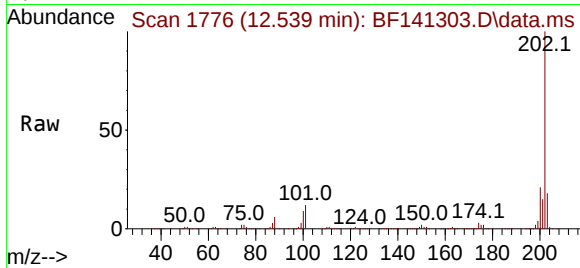




#75
Fluoranthene
Concen: 48.639 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

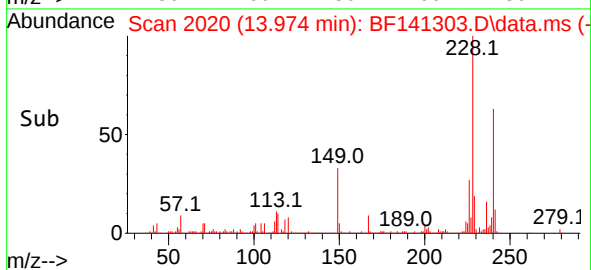
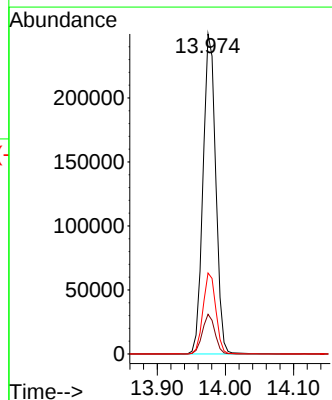
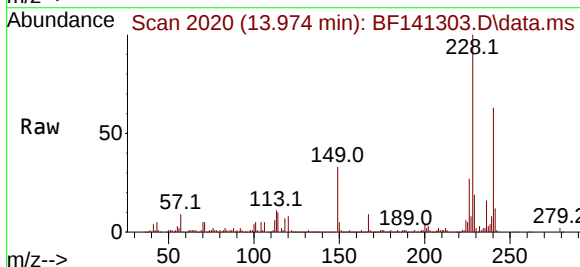
Instrument :
BNA_F
ClientSampleId :
PB166335BS

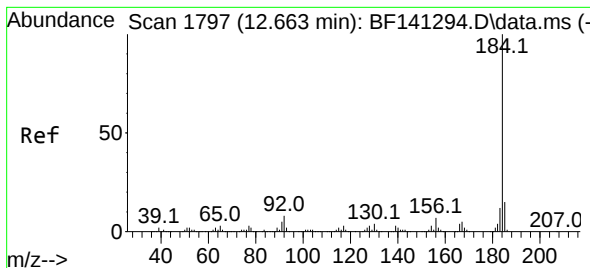
Tgt Ion:202 Resp: 1361167
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:240 Resp: 325031
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.3 19.7 29.5





#77

Benzidine

Concen: 37.427 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

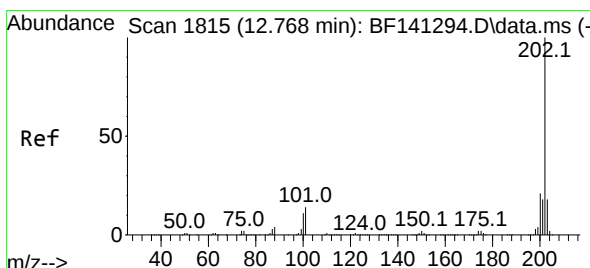
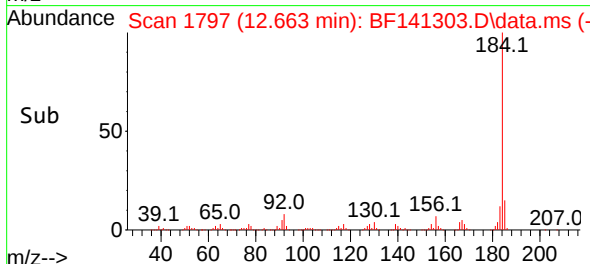
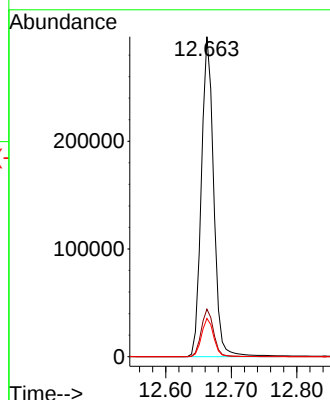
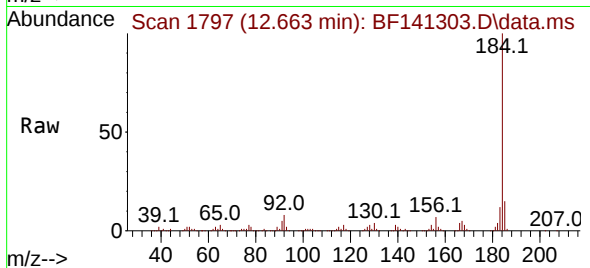
Tgt Ion:184 Resp: 389988

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 44.402 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

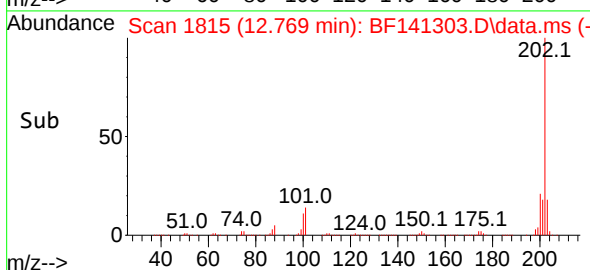
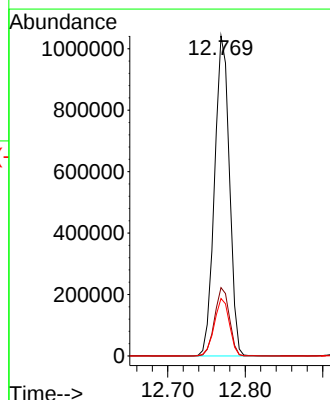
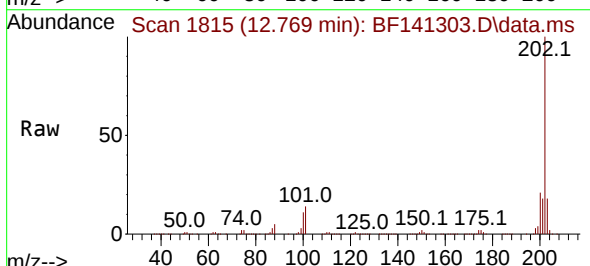
Tgt Ion:202 Resp: 1385347

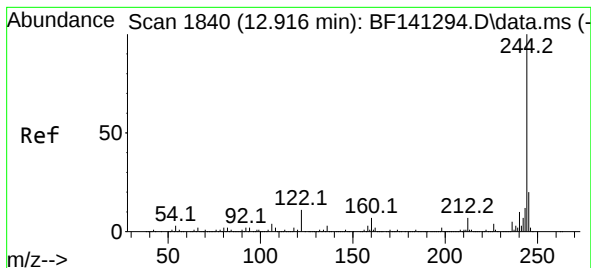
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 88.161 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

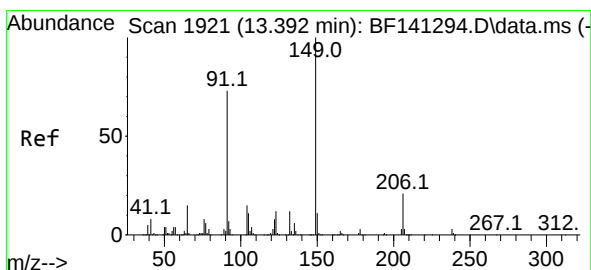
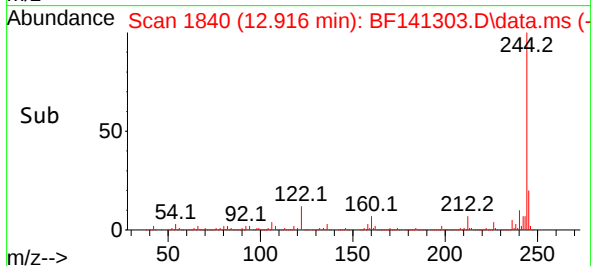
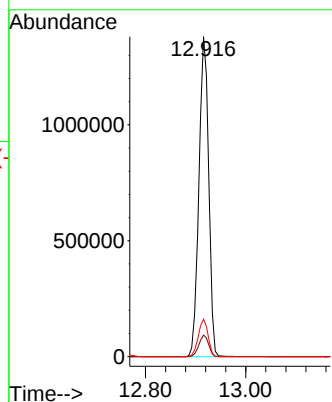
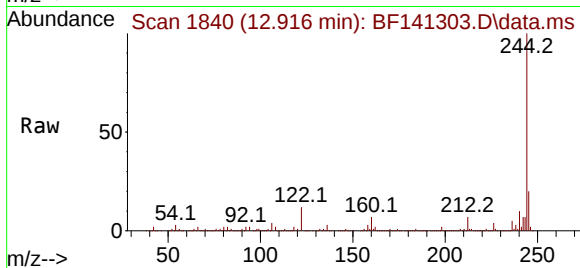
Tgt Ion:244 Resp: 1858083

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.924 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

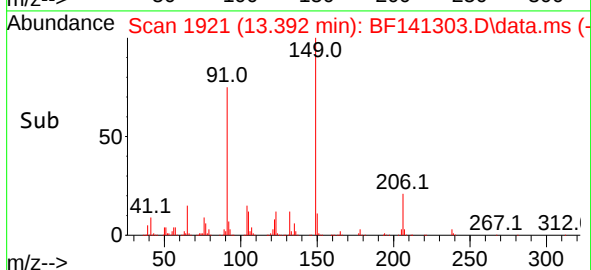
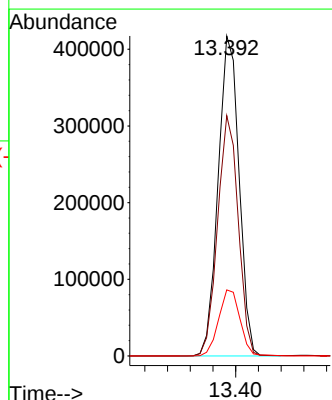
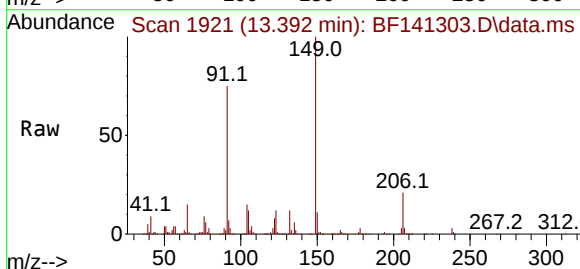
Tgt Ion:149 Resp: 533265

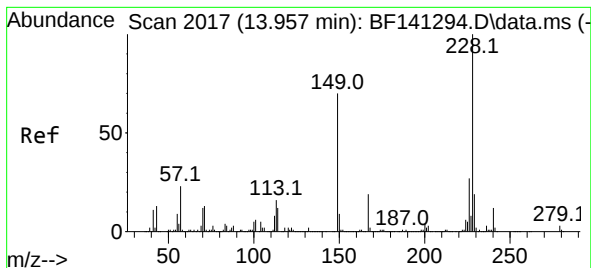
Ion Ratio Lower Upper

149 100

91 75.1 58.6 87.8

206 20.6 16.7 25.1





#81

Benzo(a)anthracene

Concen: 44.617 ng

RT: 13.963 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

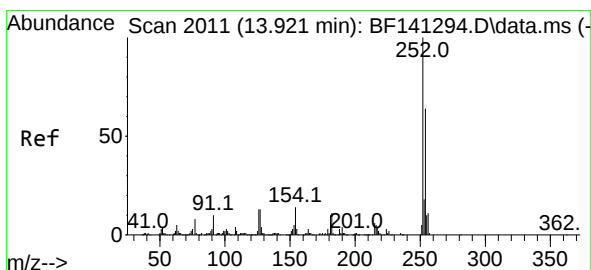
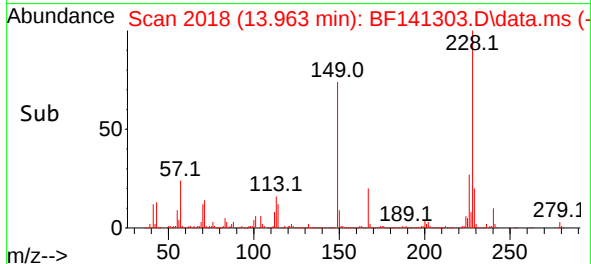
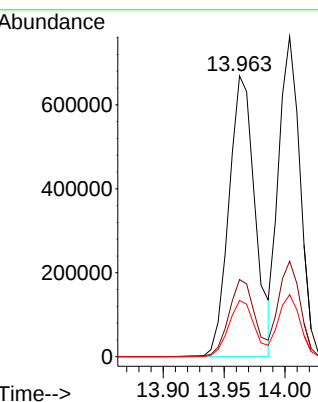
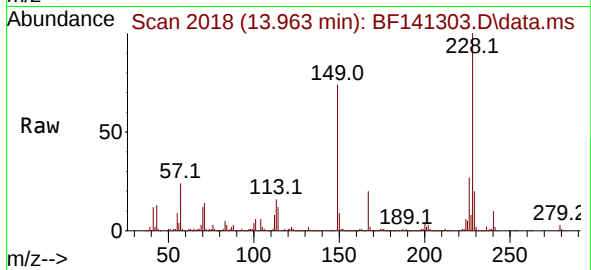
Tgt Ion:228 Resp: 1000704

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.2

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 25.107 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

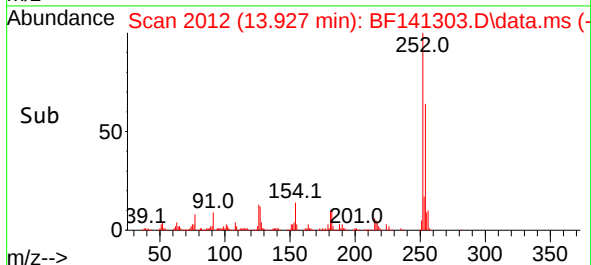
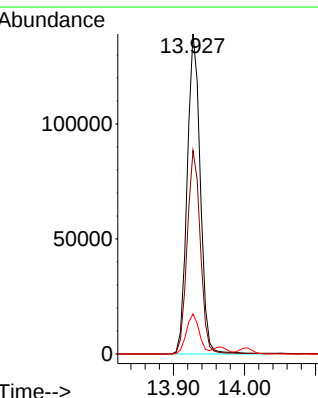
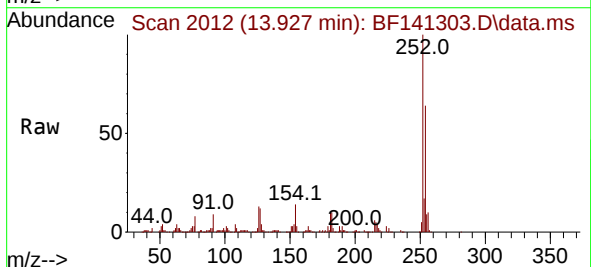
Tgt Ion:252 Resp: 179099

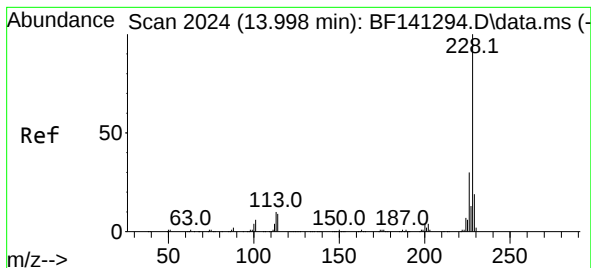
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 45.556 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

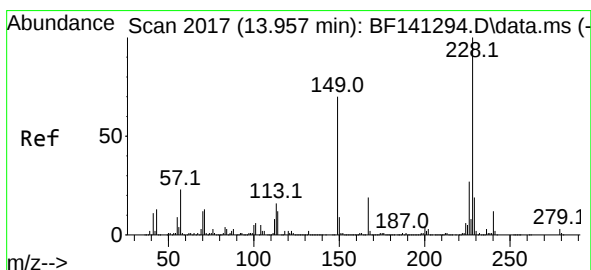
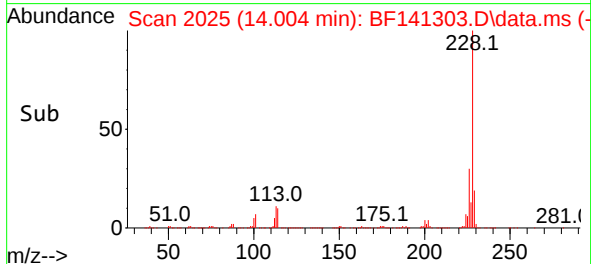
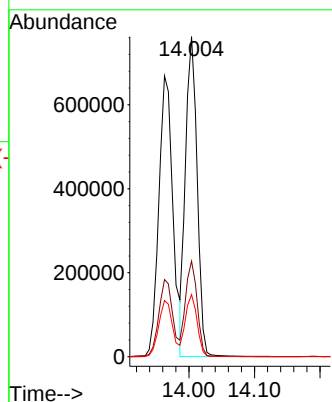
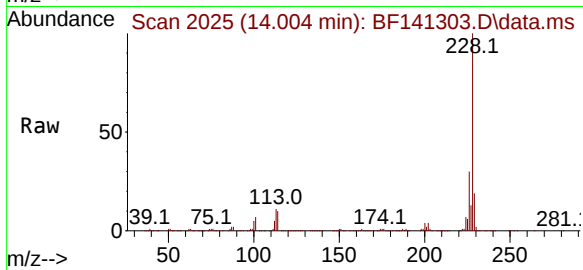
Tgt Ion:228 Resp: 936429

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.608 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

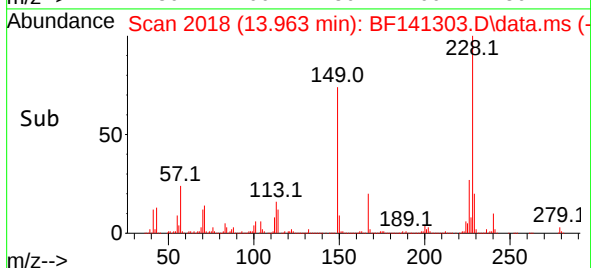
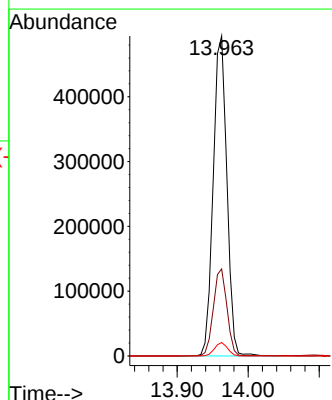
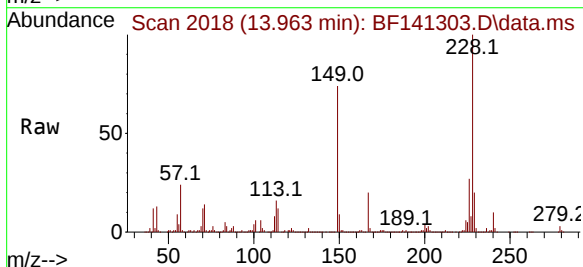
Tgt Ion:149 Resp: 658277

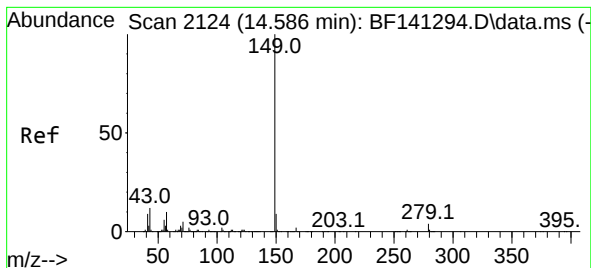
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.069 ng

RT: 14.598 min Scan# 2126

Delta R.T. 0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

Instrument :

BNA_F

ClientSampleId :

PB166335BS

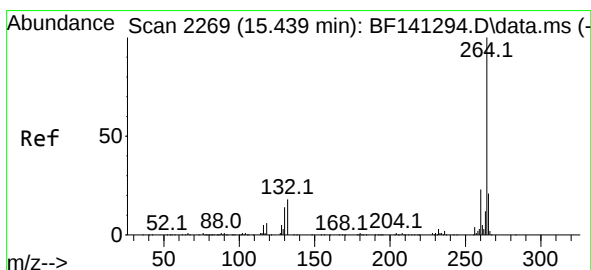
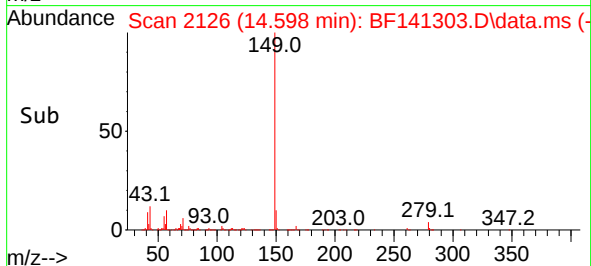
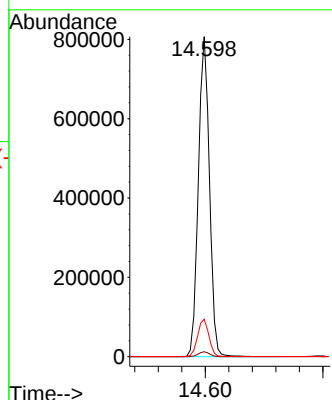
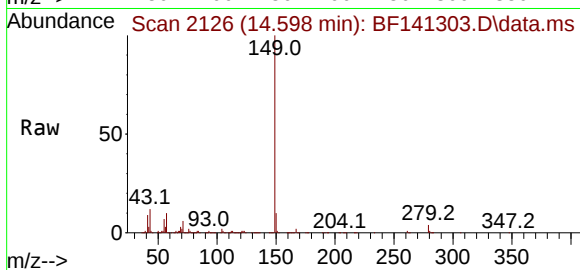
Tgt Ion:149 Resp: 1053803

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141303.D

Acq: 30 Jan 2025 09:57

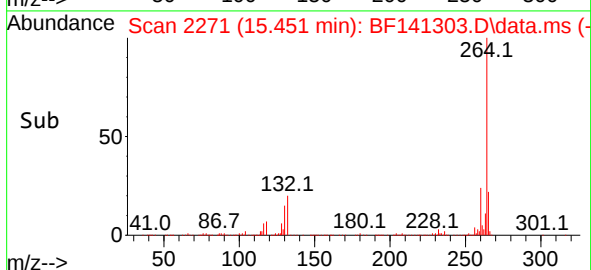
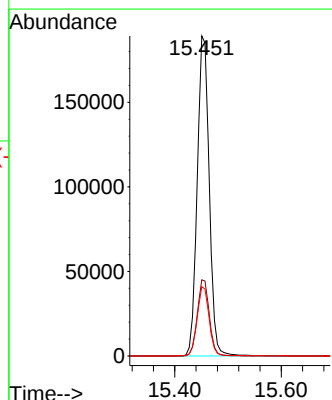
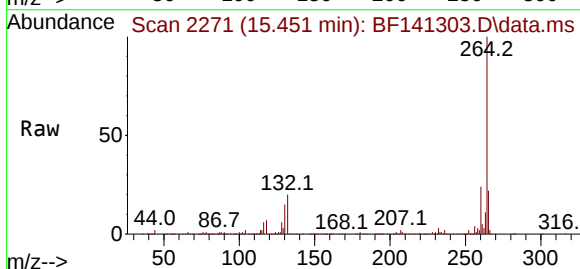
Tgt Ion:264 Resp: 295368

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 16.7 25.1

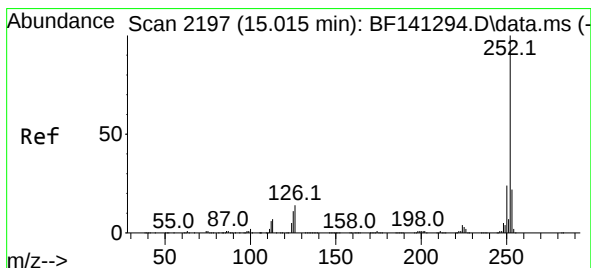
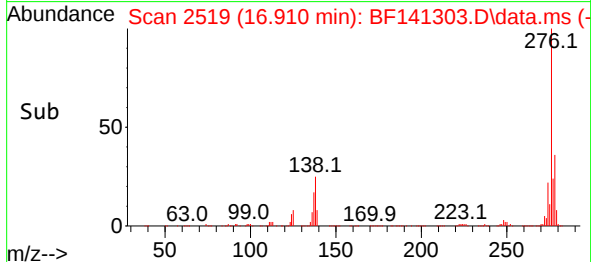
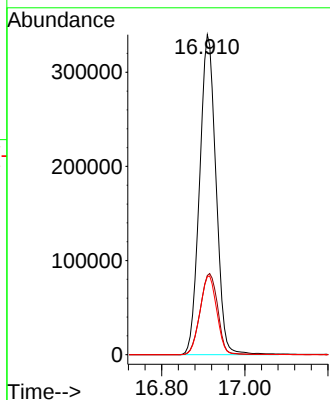
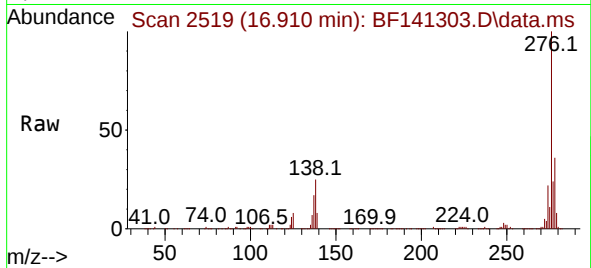




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.747 ng
 RT: 16.910 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

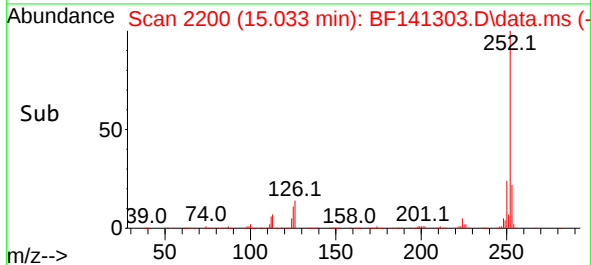
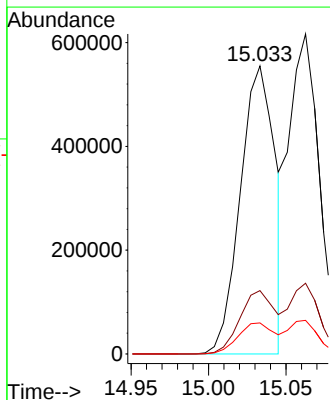
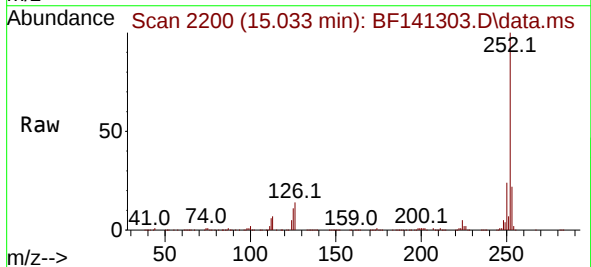
Instrument :
 BNA_F
 ClientSampleId :
 PB166335BS

Tgt Ion:276 Resp: 929302
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.7 32.5
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 46.618 ng
 RT: 15.033 min Scan# 2200
 Delta R.T. 0.012 min
 Lab File: BF141303.D
 Acq: 30 Jan 2025 09:57

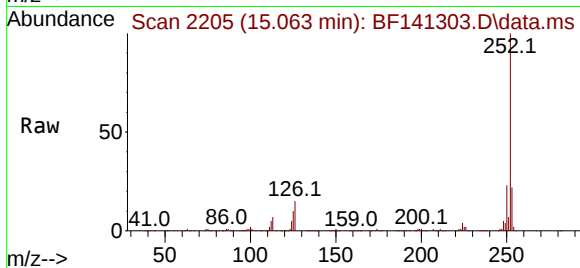
Tgt Ion:252 Resp: 866127
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 10.8 8.6 12.8



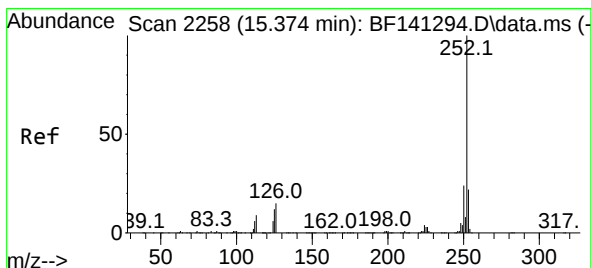
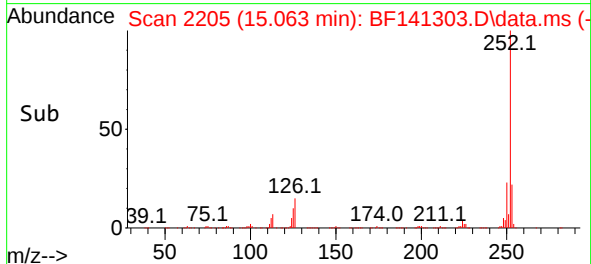
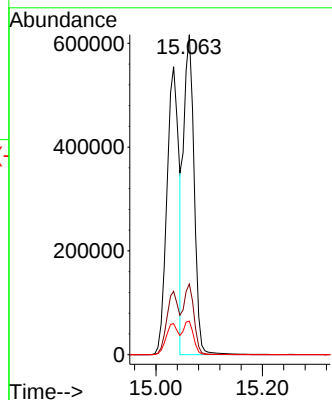


#89
Benzo(k)fluoranthene
Concen: 51.164 ng
RT: 15.063 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

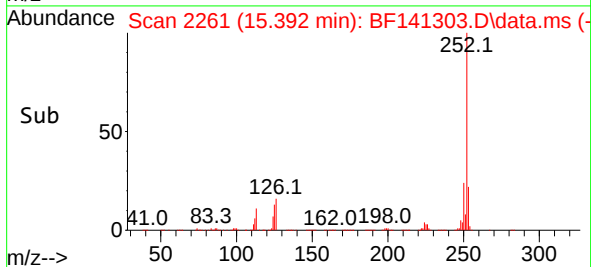
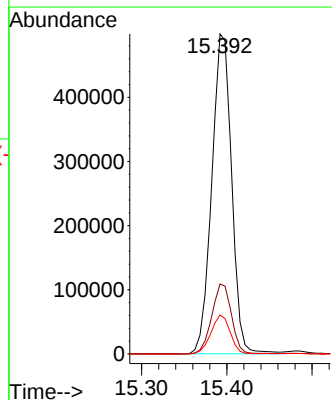
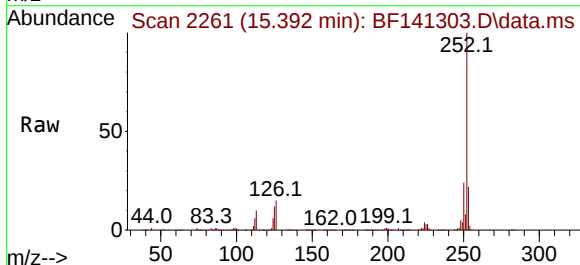


Tgt Ion:252 Resp: 842115
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.366 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:252 Resp: 806465
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.2 9.4 14.2

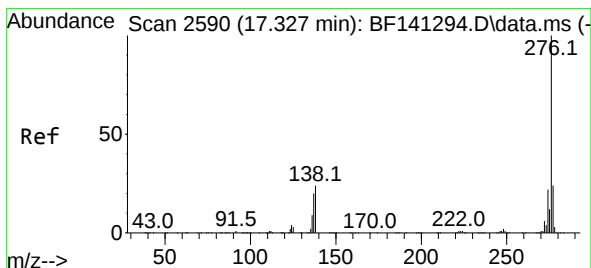
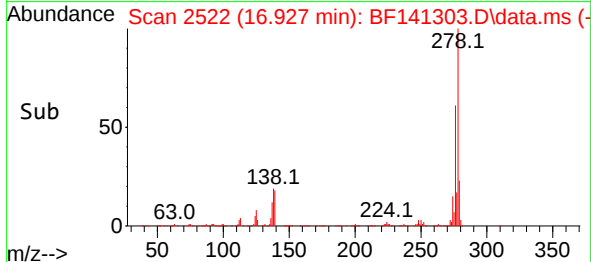
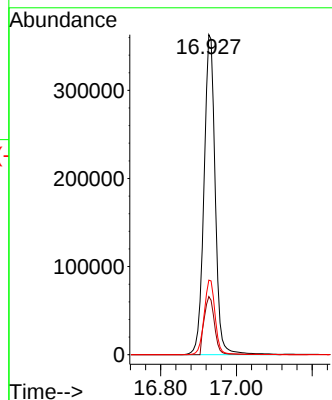
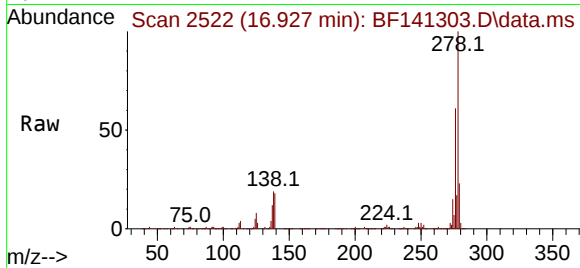




#91
Dibenzo(a,h)anthracene
Concen: 48.629 ng
RT: 16.927 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Tgt Ion:278 Resp: 745849
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.287 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BF141303.D
Acq: 30 Jan 2025 09:57

Tgt Ion:276 Resp: 706279
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 23.8 19.0 28.4

