

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141437.D
 Acq On : 05 Feb 2025 10:55
 Operator : RC/JU
 Sample : PB166264BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166264BS

Quant Time: Feb 05 11:16:37 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	6.793	152	72008	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	281453	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	155186	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	269725	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	190434	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	162618	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	611316	130.332	ng	0.00
7) Phenol-d6	6.434	99	750794	125.827	ng	0.00
23) Nitrobenzene-d5	7.357	82	501942	94.014	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219361	154.187	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	945860	93.814	ng	-0.01
79) Terphenyl-d14	12.904	244	1153872	93.444	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	74692	36.208	ng	97
3) Pyridine	3.281	79	185826	37.388	ng	95
4) n-Nitrosodimethylamine	3.228	42	142977	50.357	ng	84
6) Aniline	6.451	93	195790	38.764	ng	# 1
8) 2-Chlorophenol	6.581	128	240682	47.875	ng	96
9) Benzaldehyde	6.340	77	23730	6.866	ng	98
10) Phenol	6.446	94	289556	45.778	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	216174	44.574	ng	98
12) 1,3-Dichlorobenzene	6.734	146	250444	45.181	ng	99
13) 1,4-Dichlorobenzene	6.810	146	254064	45.624	ng	100
14) 1,2-Dichlorobenzene	6.957	146	244291	46.849	ng	99
15) Benzyl Alcohol	6.934	79	214607	52.629	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365355	43.323	ng	57
17) 2-Methylphenol	7.051	107	188746	46.194	ng	# 92
18) Hexachloroethane	7.304	117	95567	46.520	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	165823	46.770	ng	98
20) 3+4-Methylphenols	7.204	107	243295	48.496	ng	92
22) Acetophenone	7.198	105	332074	49.637	ng	99
24) Nitrobenzene	7.375	77	258284	46.682	ng	99
25) Isophorone	7.610	82	446092	48.336	ng	98
26) 2-Nitrophenol	7.693	139	128230	49.142	ng	97
27) 2,4-Dimethylphenol	7.734	122	178126	53.632	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	266550	45.279	ng	99
29) 2,4-Dichlorophenol	7.940	162	199528	49.072	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	211918	45.638	ng	100
31) Naphthalene	8.098	128	696369	46.835	ng	100
32) Benzoic acid	7.857	122	137624	45.075	ng	96
33) 4-Chloroaniline	8.145	127	138857	27.540	ng	99
34) Hexachlorobutadiene	8.210	225	134880	49.532	ng	98
35) Caprolactam	8.510	113	36819	27.727	ng	98
36) 4-Chloro-3-methylphenol	8.640	107	223759	51.305	ng	95
37) 2-Methylnaphthalene	8.787	142	458833	48.553	ng	100
38) 1-Methylnaphthalene	8.887	142	424186	45.695	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	215888	48.900	ng	98
41) Hexachlorocyclopentadiene	8.940	237	243095	186.446	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	143261	49.577	ng	100

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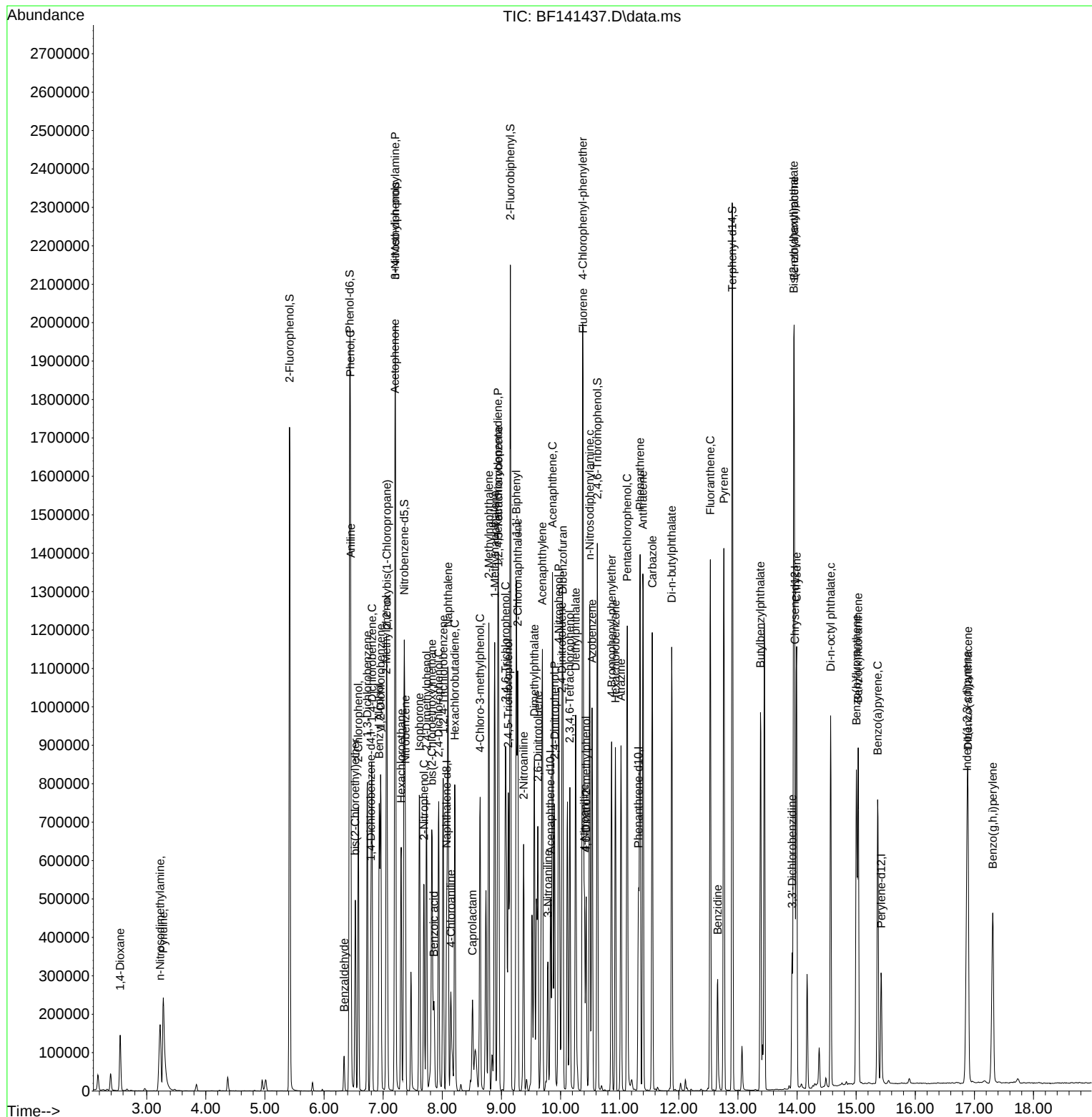
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	153071	48.670	ng	98
46) 1,1'-Biphenyl	9.251	154	577527	47.719	ng	98
47) 2-Chloronaphthalene	9.275	162	435016	46.115	ng	98
48) 2-Nitroaniline	9.375	65	152006	51.229	ng	95
49) Acenaphthylene	9.692	152	675452	51.151	ng	100
50) Dimethylphthalate	9.557	163	522026	49.806	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115565	47.487	ng	96
52) Acenaphthene	9.863	154	439478	46.586	ng	98
53) 3-Nitroaniline	9.787	138	68315	28.641	ng	100
54) 2,4-Dinitrophenol	9.898	184	129184	114.193	ng	88
55) Dibenzofuran	10.039	168	620623	49.149	ng	96
56) 4-Nitrophenol	9.969	139	181556	104.080	ng	88
57) 2,4-Dinitrotoluene	10.022	165	163009	51.735	ng	93
58) Fluorene	10.381	166	491783	50.208	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131569	53.174	ng	96
60) Diethylphthalate	10.257	149	509961	50.180	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	239762	50.112	ng	99
62) 4-Nitroaniline	10.404	138	115362	49.195	ng	88
63) Azobenzene	10.534	77	487368	47.910	ng	97
65) 4,6-Dinitro-2-methylph...	10.434	198	88266	55.325	ng	95
66) n-Nitrosodiphenylamine	10.492	169	432094	49.530	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	147885	48.974	ng	99
68) Hexachlorobenzene	10.928	284	159957	49.938	ng	99
69) Atrazine	11.022	200	154206	52.868	ng	99
70) Pentachlorophenol	11.128	266	186873	99.629	ng	99
71) Phenanthrene	11.345	178	755255	52.091	ng	100
72) Anthracene	11.392	178	765832	53.908	ng	100
73) Carbazole	11.551	167	664310	52.736	ng	99
74) Di-n-butylphthalate	11.881	149	796235	52.157	ng	100
75) Fluoranthene	12.533	202	797802	55.728	ng	98
77) Benzidine	12.657	184	163388	26.763	ng	98
78) Pyrene	12.763	202	817692	44.732	ng	100
80) Butylbenzylphthalate	13.380	149	320493	50.185	ng	99
81) Benzo(a)anthracene	13.951	228	622029	47.335	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	99370	23.776	ng	99
83) Chrysene	13.992	228	588319	48.850	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	412832	50.960	ng	99
85) Di-n-octyl phthalate	14.569	149	620089	49.281	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	537592	51.220	ng	95
88) Benzo(b)fluoranthene	15.004	252	556928	54.445	ng	98
89) Benzo(k)fluoranthene	15.033	252	422623	46.638	ng	98
90) Benzo(a)pyrene	15.363	252	459067	53.108	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	423370	50.137	ng	97
92) Benzo(g,h,i)perylene	17.310	276	402423	45.833	ng	95

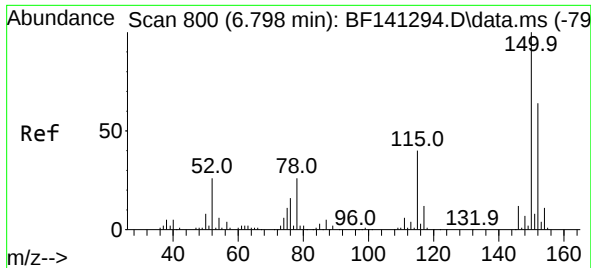
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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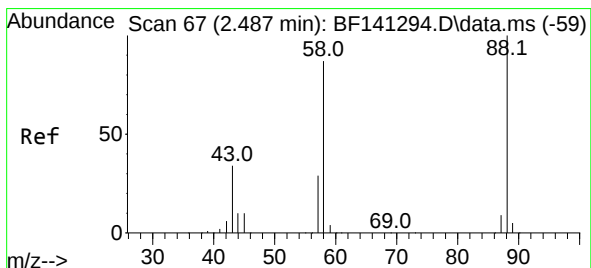
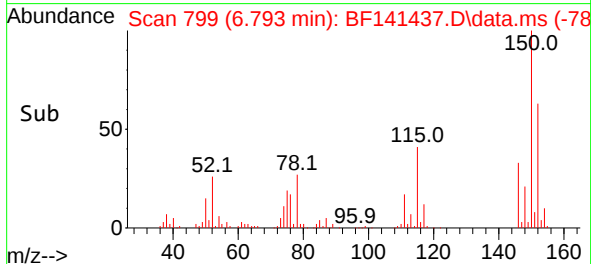
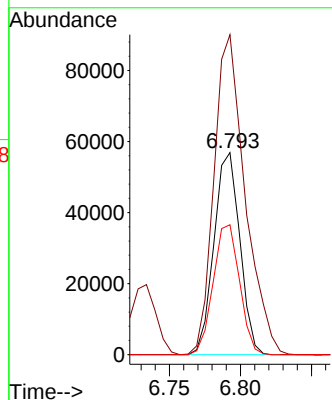
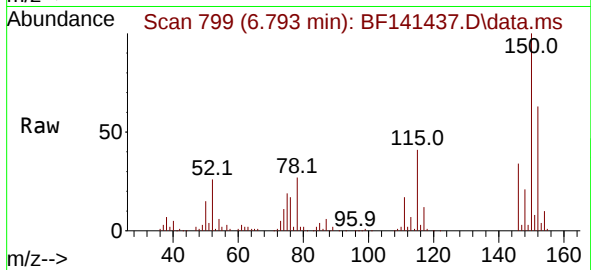




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

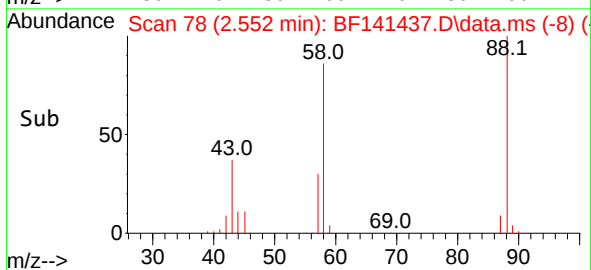
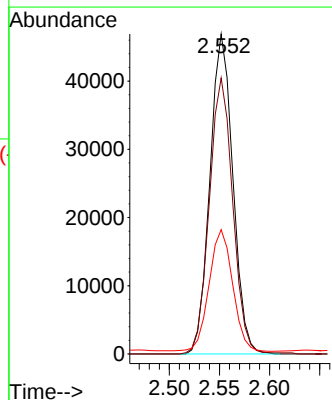
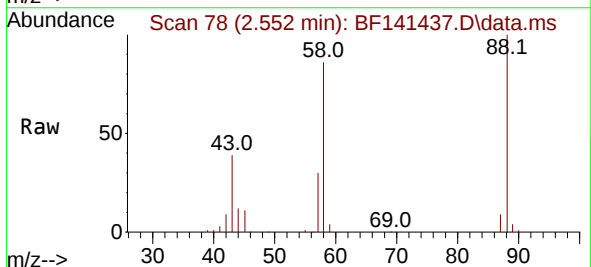
Instrument :
 BNA_F
 ClientSampleId :
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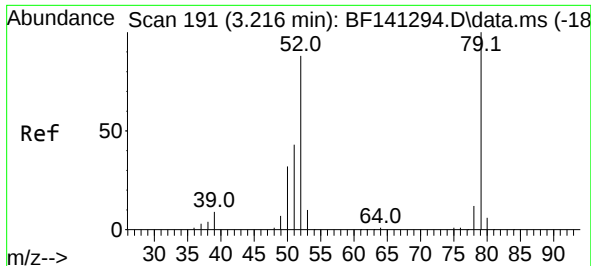
Tgt Ion:152 Resp: 72008
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.9 188.9
 115 64.3 49.7 74.5



#2
 1,4-Dioxane
 Concen: 36.208 ng
 RT: 2.552 min Scan# 78
 Delta R.T. 0.059 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

Tgt Ion: 88 Resp: 74692
 Ion Ratio Lower Upper
 88 100
 58 88.3 70.2 105.4
 43 39.0 27.6 41.4





#3

Pyridine

Concen: 37.388 ng

RT: 3.281 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

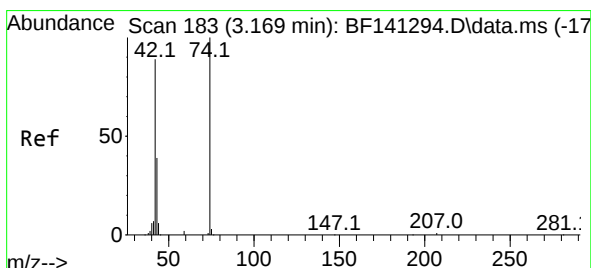
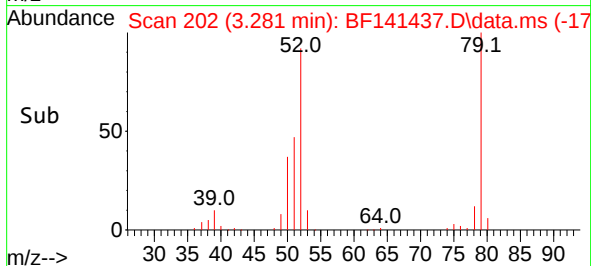
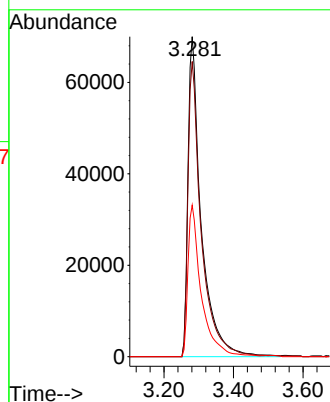
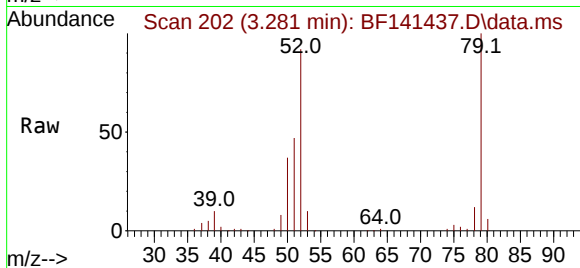
Tgt Ion: 79 Resp: 185826

Ion Ratio Lower Upper

79 100

52 92.2 70.3 105.5

51 47.4 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 50.357 ng

RT: 3.228 min Scan# 193

Delta R.T. 0.029 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

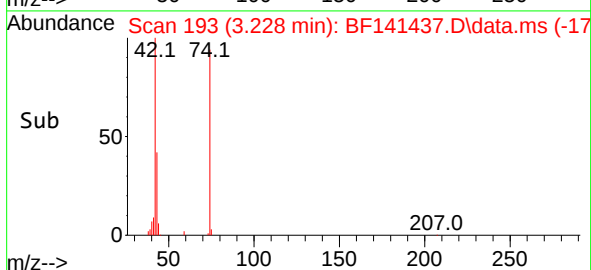
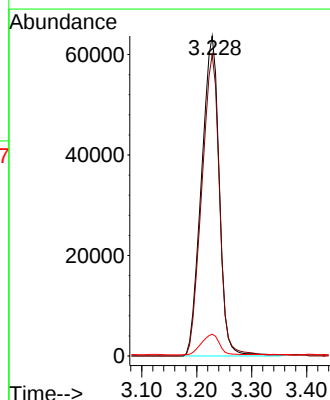
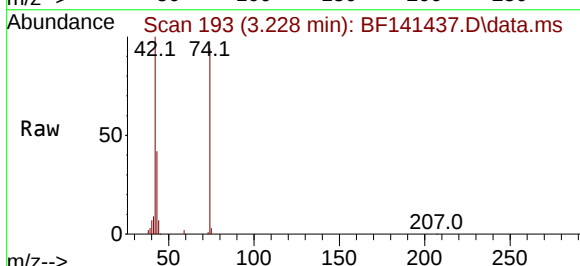
Tgt Ion: 42 Resp: 142977

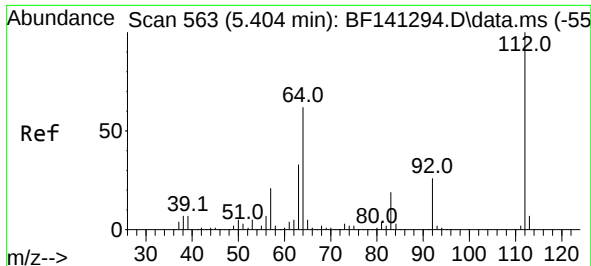
Ion Ratio Lower Upper

42 100

74 94.2 90.3 135.5

44 6.8 5.7 8.5

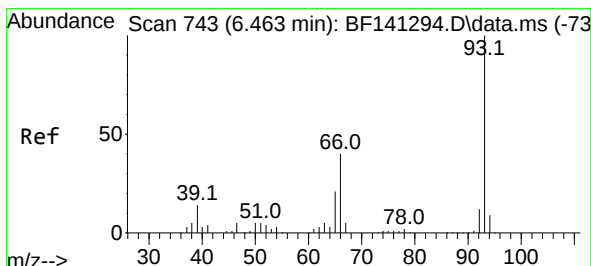
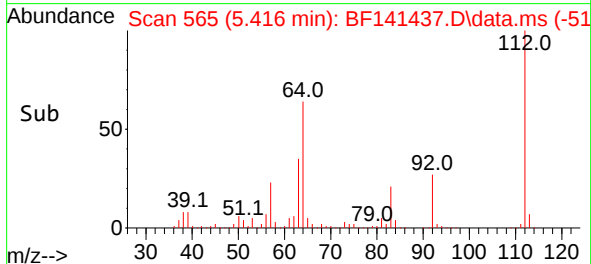
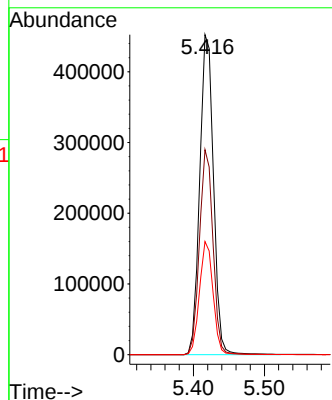
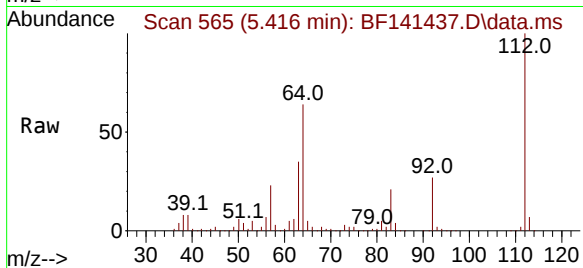




#5
2-Fluorophenol
Concen: 130.332 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141437.D
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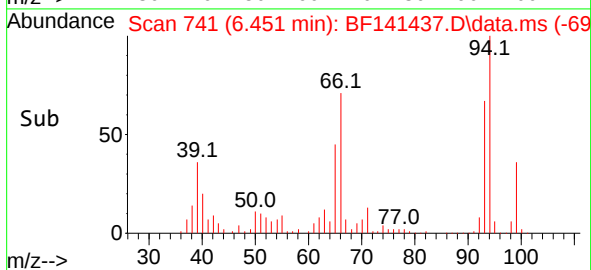
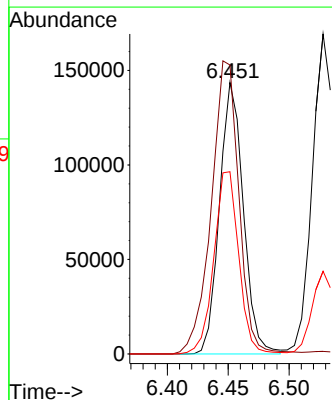
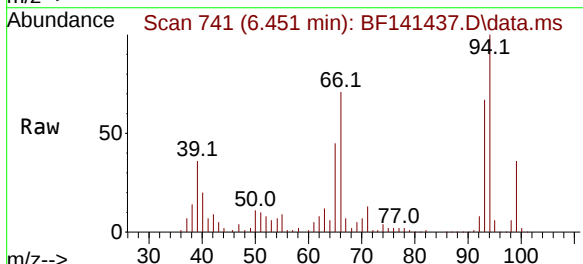
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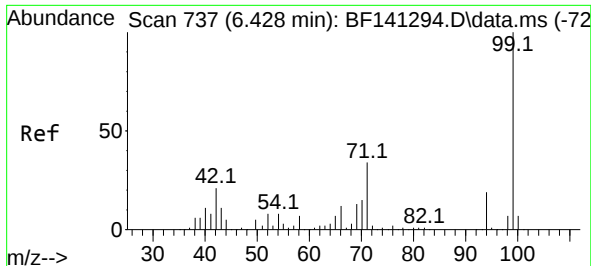
Tgt Ion:112 Resp: 611316
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 35.3 26.1 39.1



#6
Aniline
Concen: 38.764 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141437.D
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Tgt Ion: 93 Resp: 195790
Ion Ratio Lower Upper
93 100
66 106.4 32.5 48.7#
65 67.1 17.0 25.6#





#7

Phenol-d6

Concen: 125.827 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

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BNA_F

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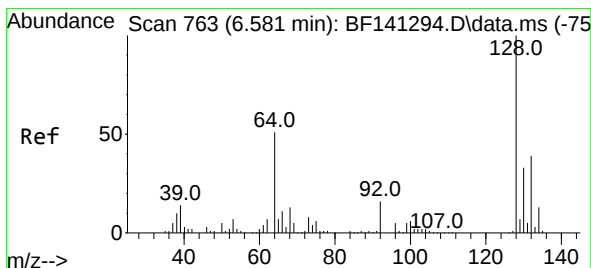
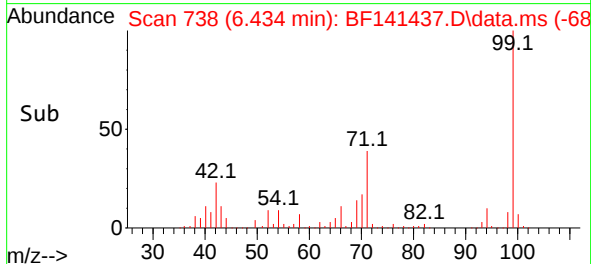
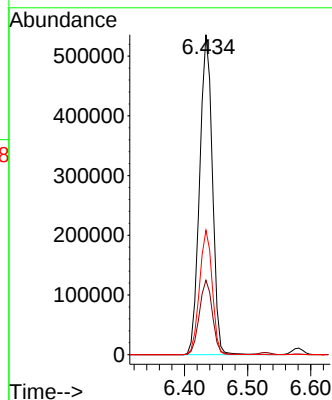
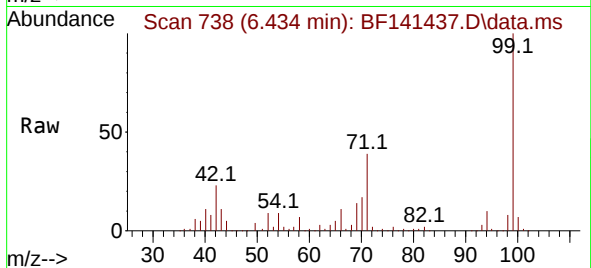
Tgt Ion: 99 Resp: 750794

Ion Ratio Lower Upper

99 100

42 23.3 17.1 25.7

71 38.9 26.9 40.3



#8

2-Chlorophenol

Concen: 47.875 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

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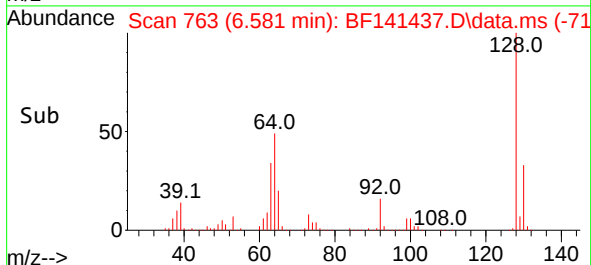
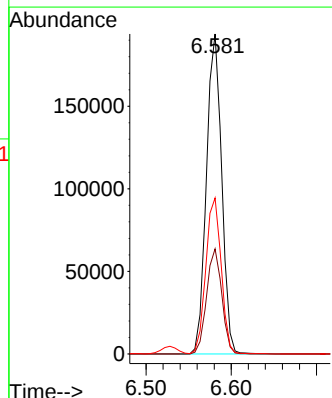
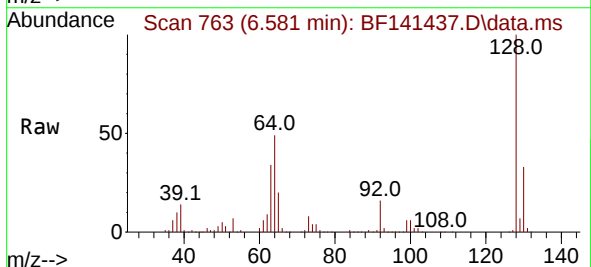
Tgt Ion:128 Resp: 240682

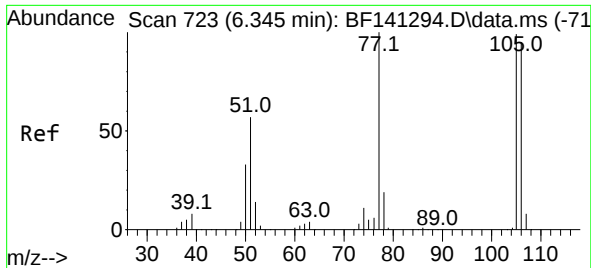
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 48.7 32.9 72.9





#9

Benzaldehyde

Concen: 6.866 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

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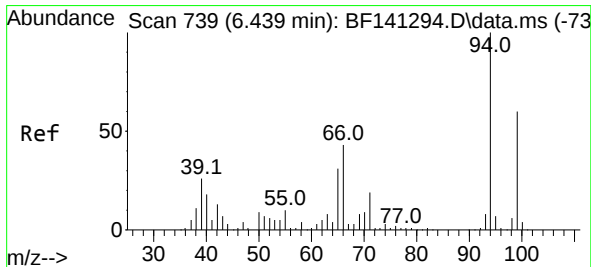
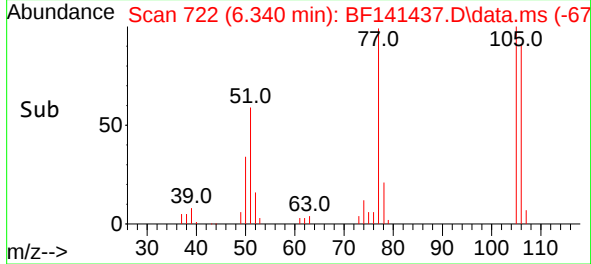
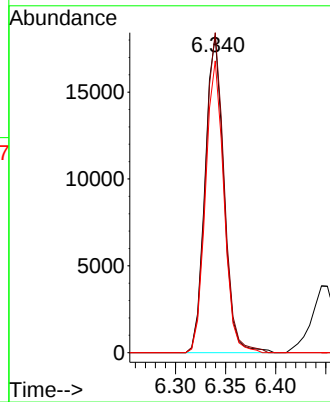
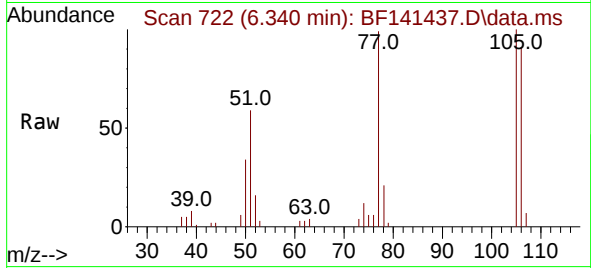
Tgt Ion: 77 Resp: 23730

Ion Ratio Lower Upper

77 100

105 101.0 79.4 119.4

106 92.1 74.6 114.6



#10

Phenol

Concen: 45.778 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.006 min

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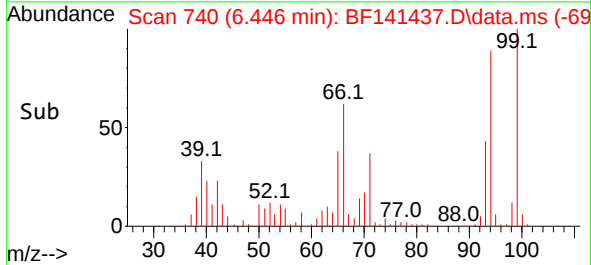
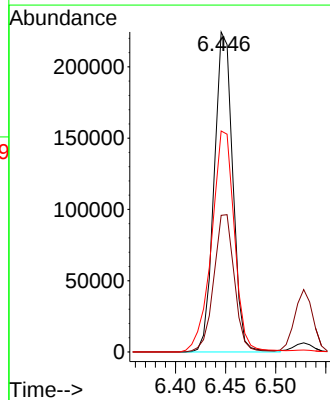
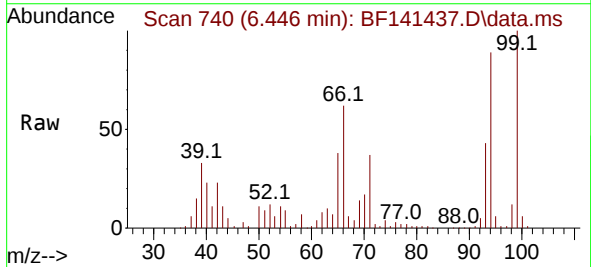
Tgt Ion: 94 Resp: 289556

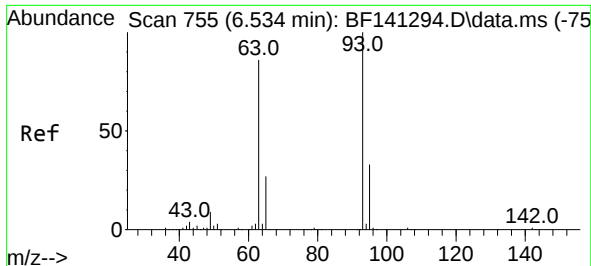
Ion Ratio Lower Upper

94 100

65 42.7 10.8 50.8

66 69.1 23.3 63.3#

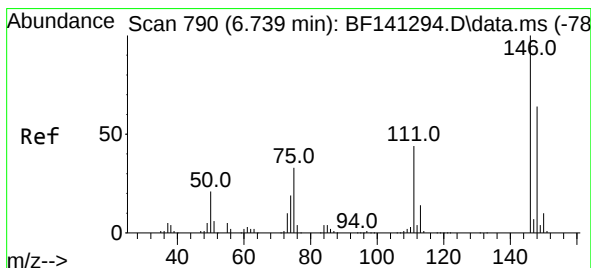
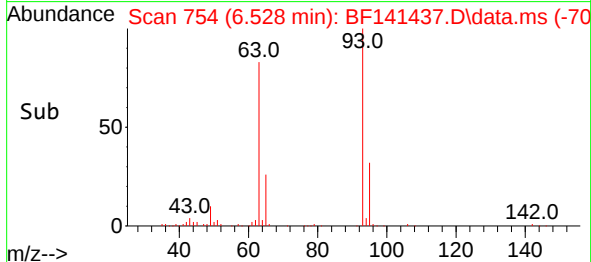
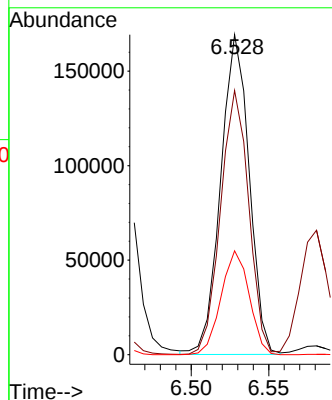
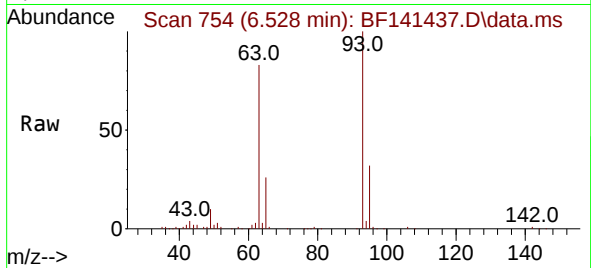




#11
bis(2-Chloroethyl)ether
Concen: 44.574 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

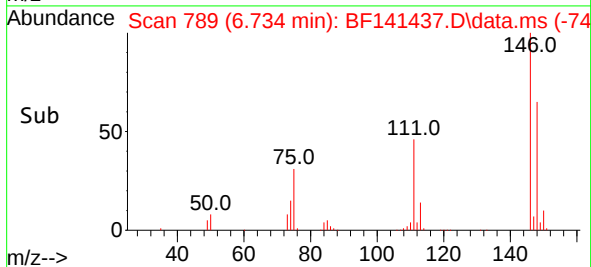
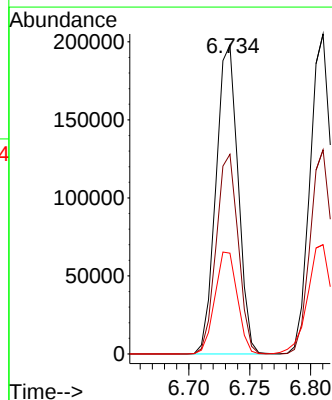
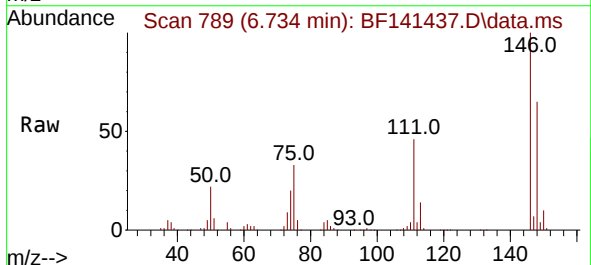
Instrument :
BNA_F
ClientSampleId :
PB166264BS

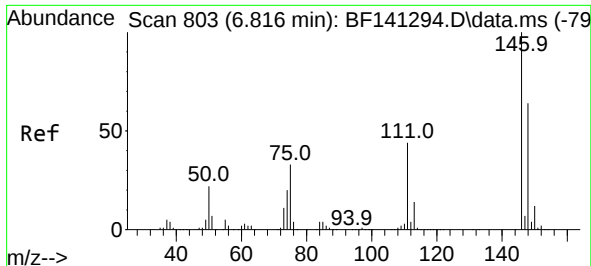
Tgt Ion: 93 Resp: 216174
Ion Ratio Lower Upper
93 100
63 82.5 65.0 105.0
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.181 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion: 146 Resp: 250444
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 32.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 45.624 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

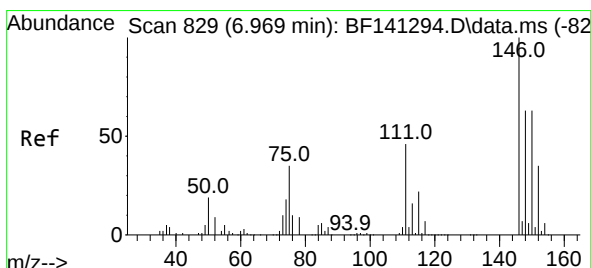
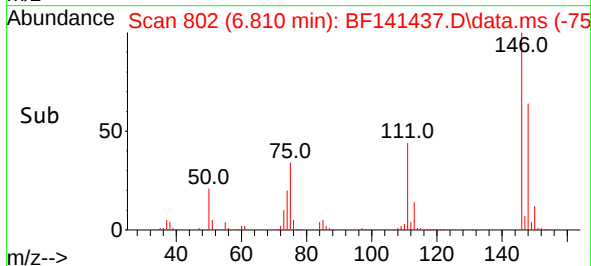
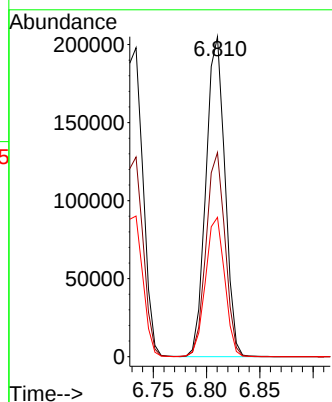
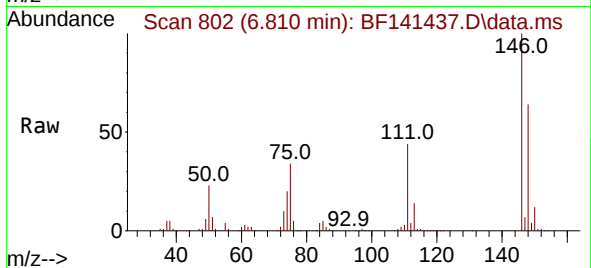
Tgt Ion:146 Resp: 254064

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 43.5 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 46.849 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

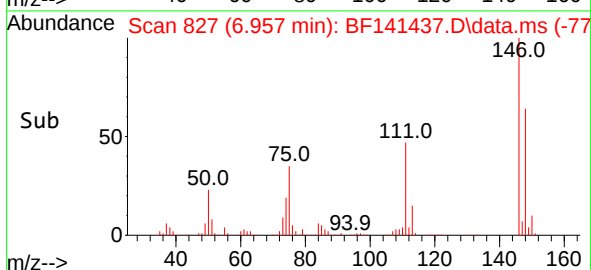
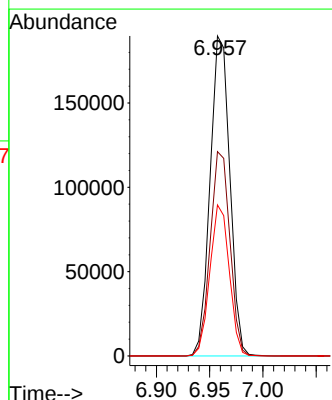
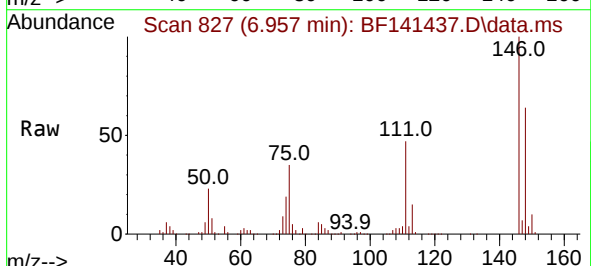
Tgt Ion:146 Resp: 244291

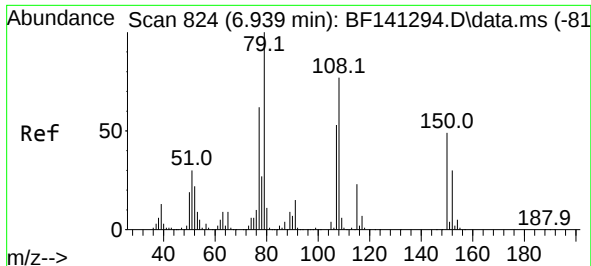
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 47.2 36.6 55.0

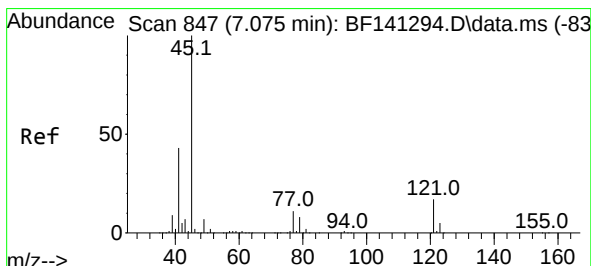
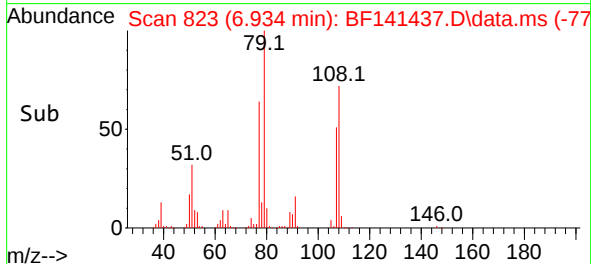
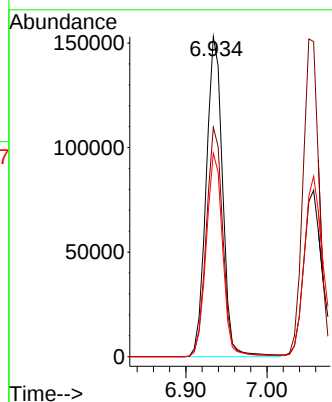
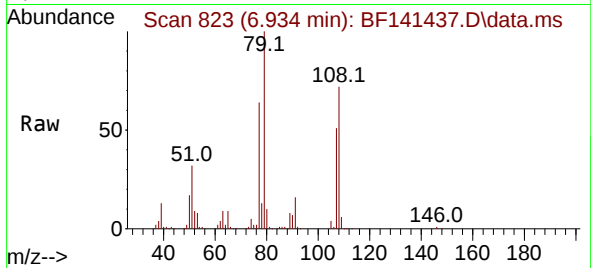




#15
Benzyl Alcohol
Concen: 52.629 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

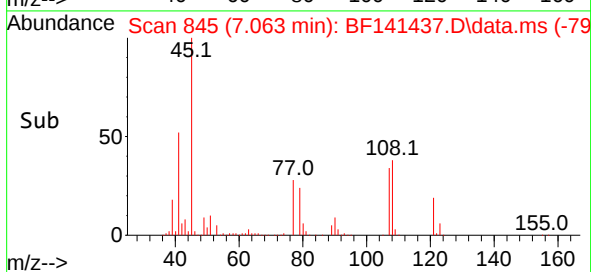
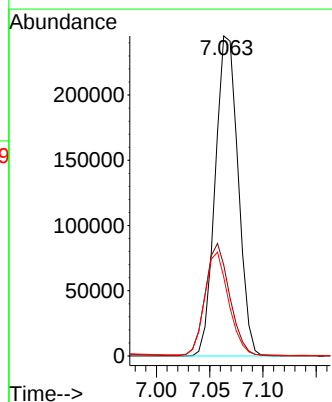
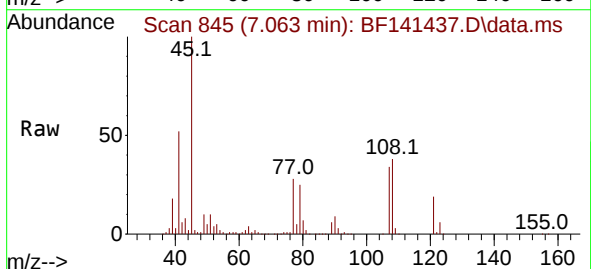
Instrument :
BNA_F
ClientSampleId :
PB166264BS

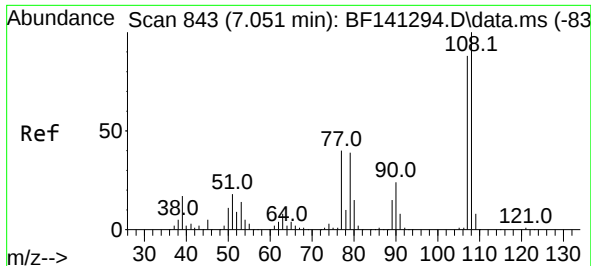
Tgt Ion: 79 Resp: 214607
Ion Ratio Lower Upper
79 100
108 71.7 61.4 92.0
77 63.6 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.323 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion: 45 Resp: 365355
Ion Ratio Lower Upper
45 100
77 28.5 0.0 31.8
79 24.7 0.0 29.1

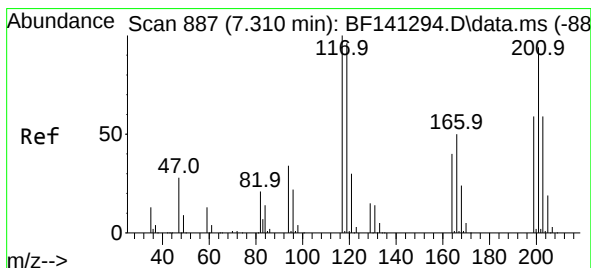
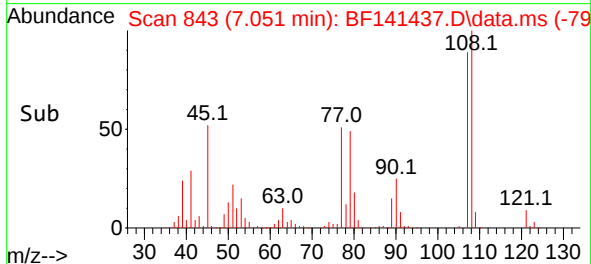
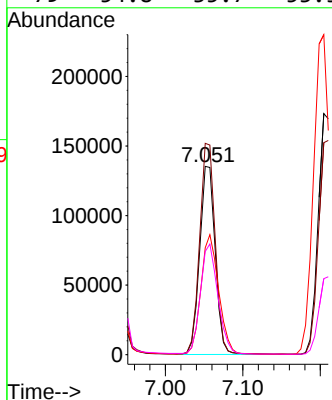
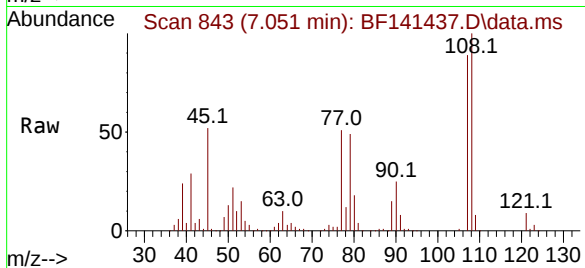




#17
2-Methylphenol
Concen: 46.194 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

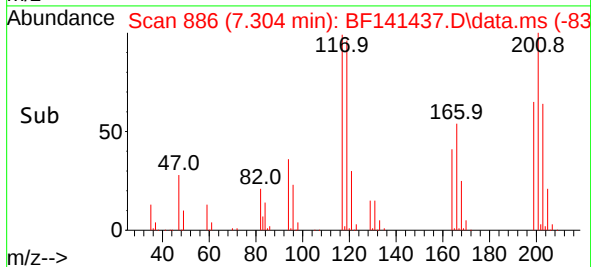
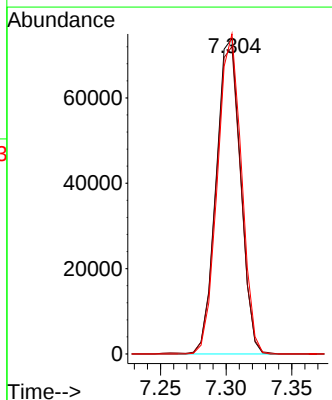
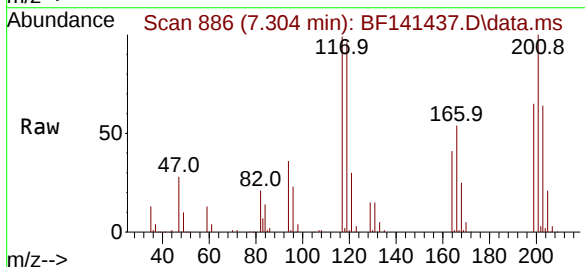
Instrument :
BNA_F
ClientSampleId :
PB166264BS

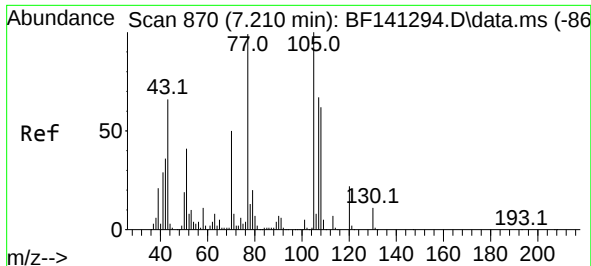
Tgt Ion:107 Resp: 188746
Ion Ratio Lower Upper
107 100
108 112.2 90.8 136.2
77 56.8 36.2 54.4#
79 54.8 35.7 53.5#



#18
Hexachloroethane
Concen: 46.520 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:117 Resp: 95567
Ion Ratio Lower Upper
117 100
119 97.4 76.6 114.8
201 101.4 74.8 112.2



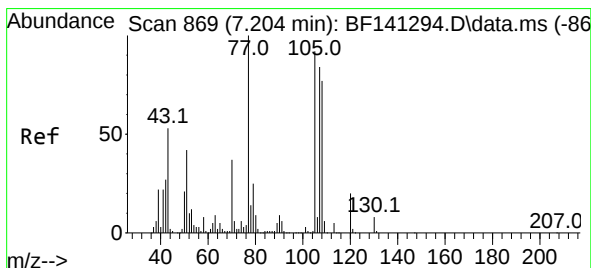
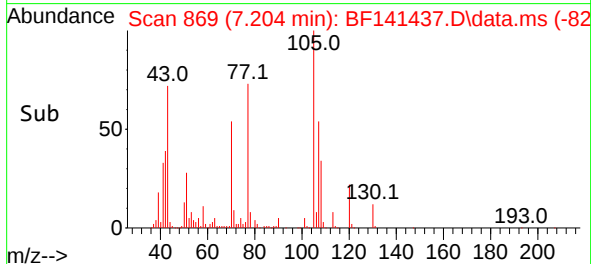
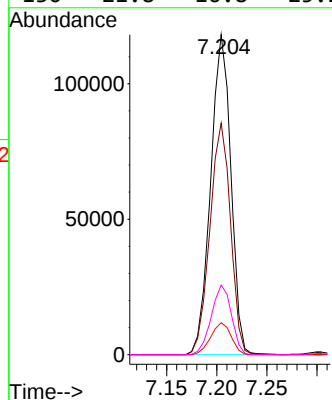
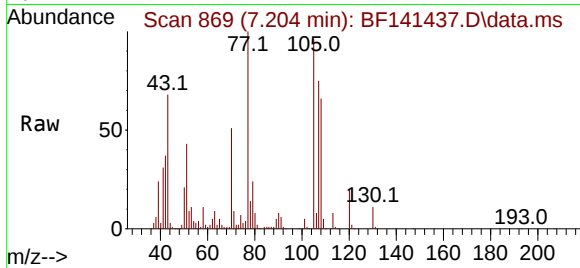


#19
n-Nitroso-di-n-propylamine
Concen: 46.770 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.023 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166264BS

Tgt Ion: 70 Resp: 165823

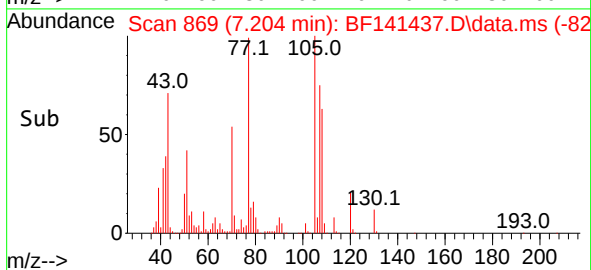
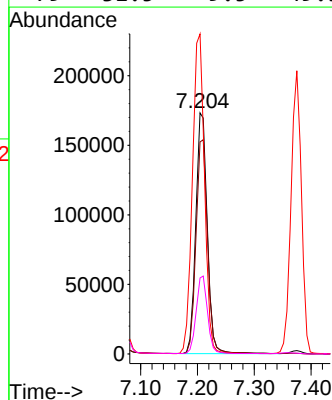
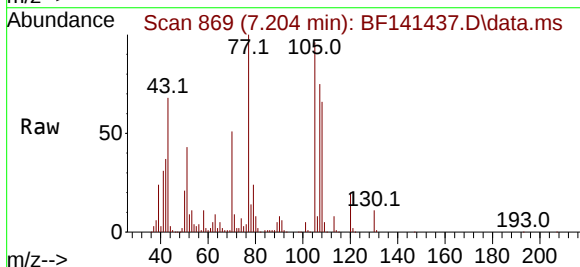
Ion	Ratio	Lower	Upper
70	100		
42	72.3	56.8	85.2
101	10.0	7.7	11.5
130	21.8	16.8	25.2

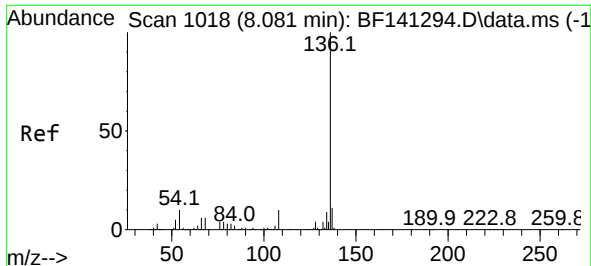


#20
3+4-Methylphenols
Concen: 48.496 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion: 107 Resp: 243295

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.9	110.9
77	132.7	98.5	138.5
79	31.5	9.5	49.5

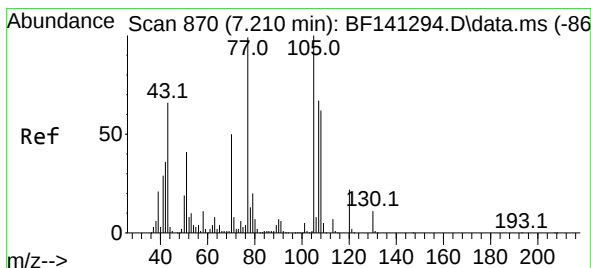
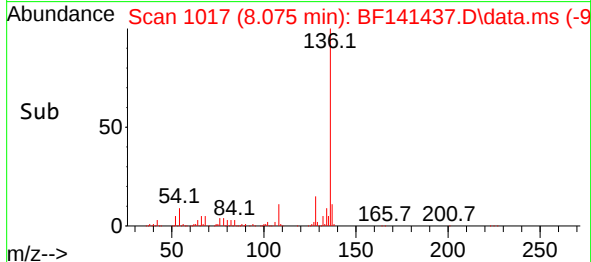
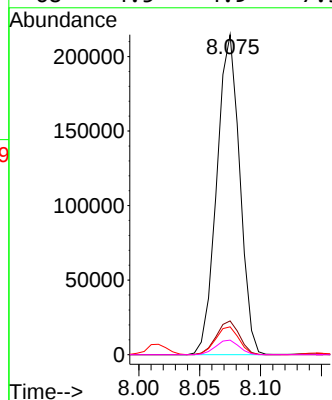
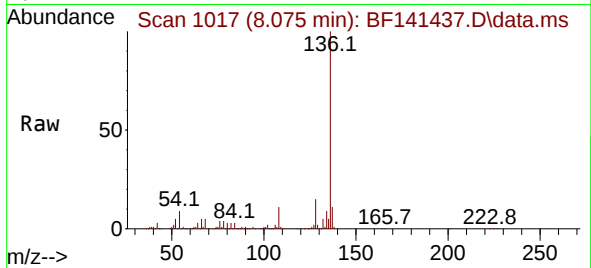




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

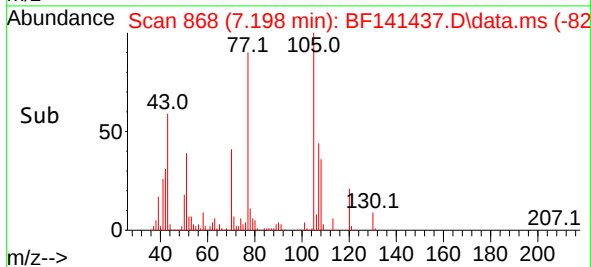
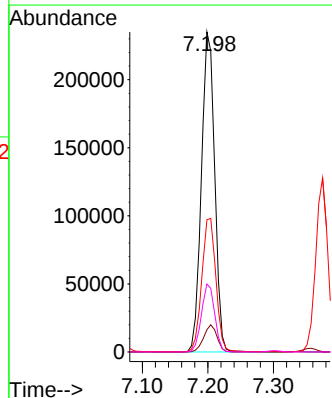
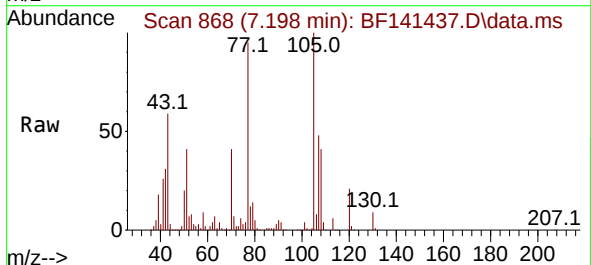
Instrument :
BNA_F
ClientSampleId :
PB166264BS

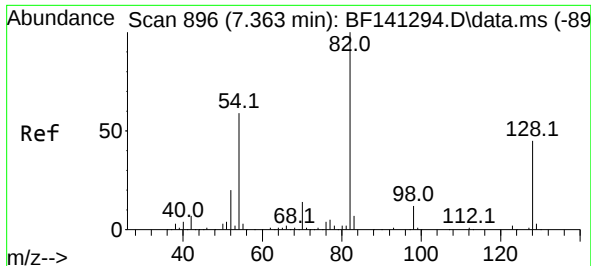
Tgt	Ion:136	Resp:	281453
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.7	7.8	11.8
68	4.5	4.9	7.3#



#22
Acetophenone
Concen: 49.637 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt	Ion:105	Resp:	332074
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.8	10.2
51	41.3	32.6	49.0
120	21.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 94.014 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

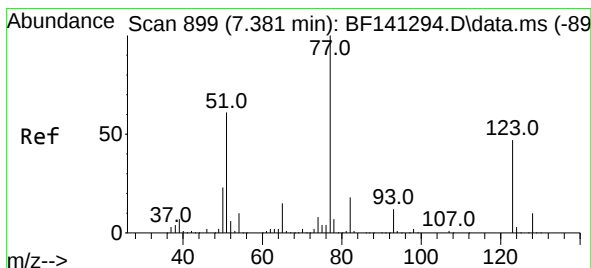
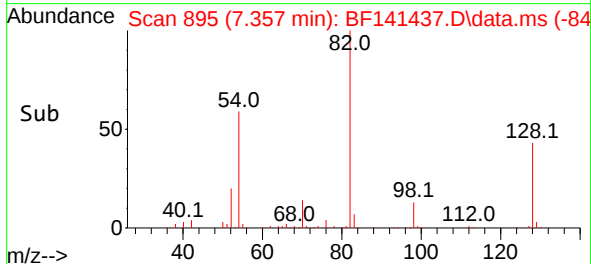
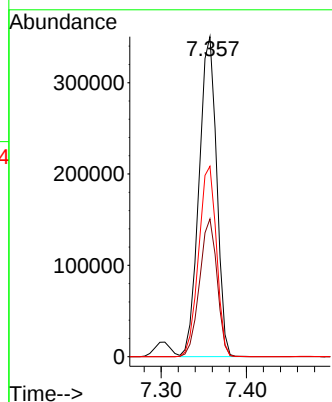
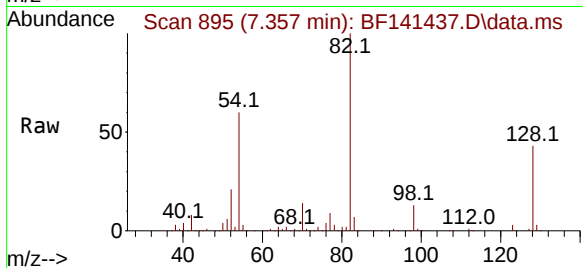
BNA_F

ClientSampleId :

PB166264BS

Tgt Ion: 82 Resp: 501942

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	59.5	47.1	70.7



#24

Nitrobenzene

Concen: 46.682 ng

RT: 7.375 min Scan# 898

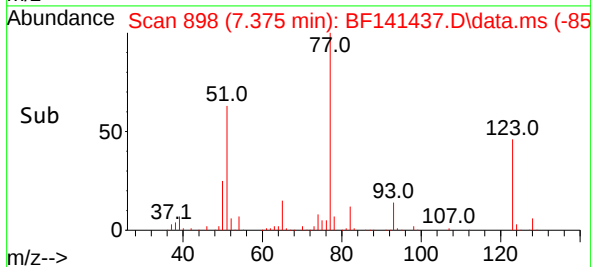
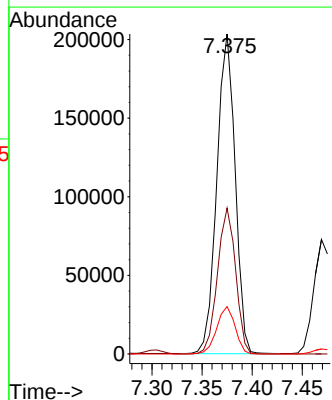
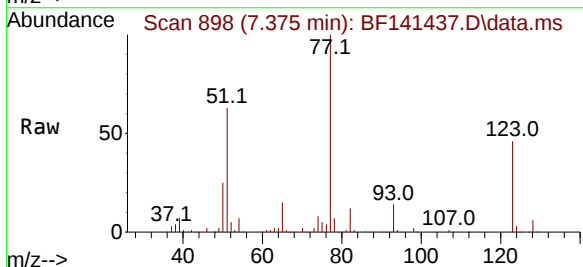
Delta R.T. -0.018 min

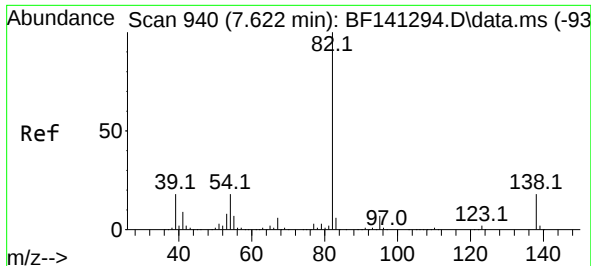
Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Tgt Ion: 77 Resp: 258284

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	14.8	11.8	17.6

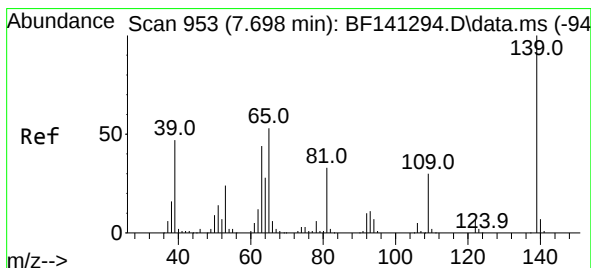
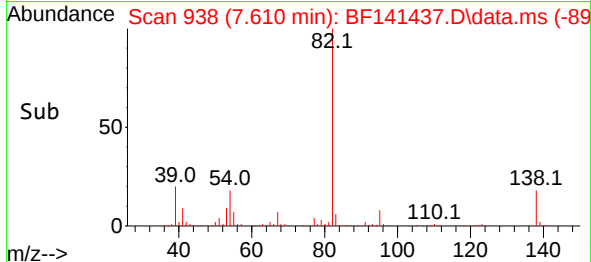
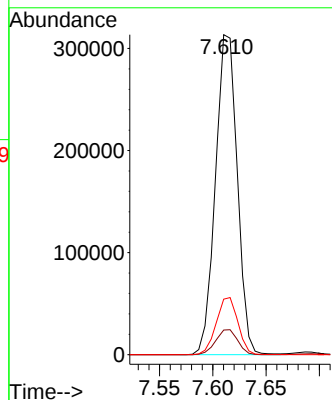
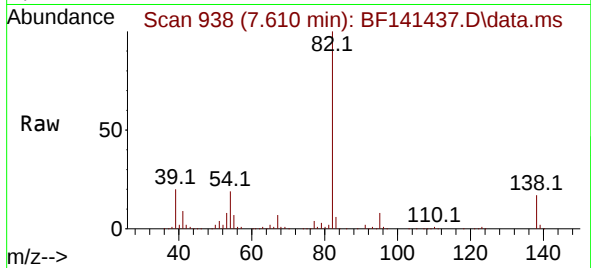




#25
Isophorone
Concen: 48.336 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

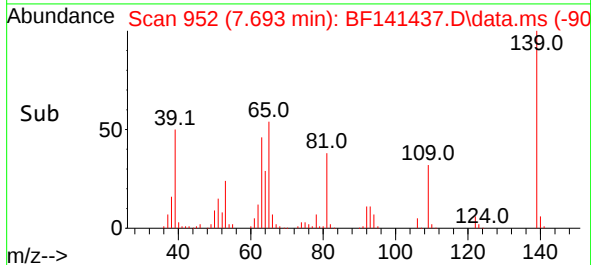
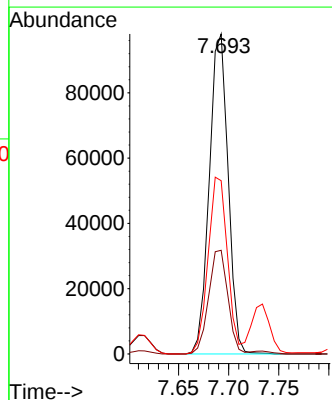
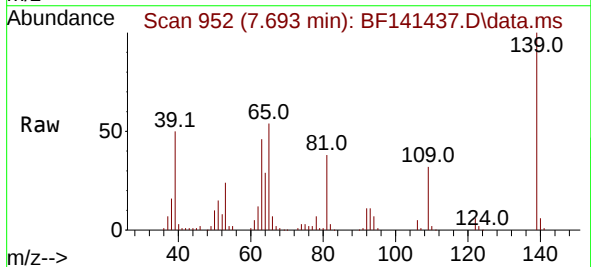
Instrument :
BNA_F
ClientSampleId :
PB166264BS

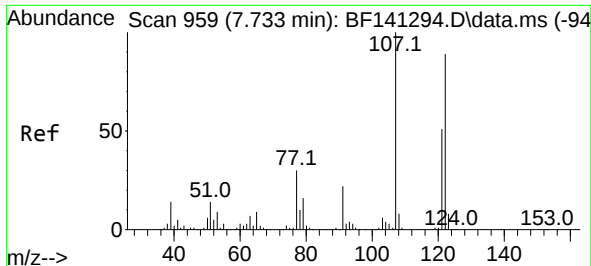
Tgt Ion: 82 Resp: 446092
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 17.3 14.7 22.1



#26
2-Nitrophenol
Concen: 49.142 ng
RT: 7.693 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:139 Resp: 128230
Ion Ratio Lower Upper
139 100
109 32.4 23.8 35.6
65 54.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 53.632 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

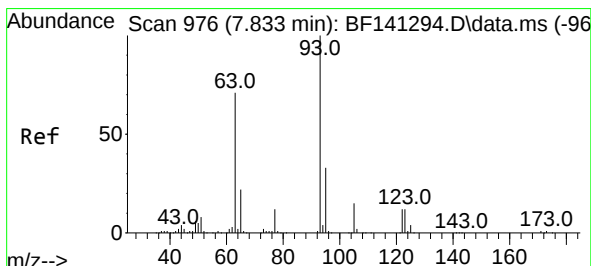
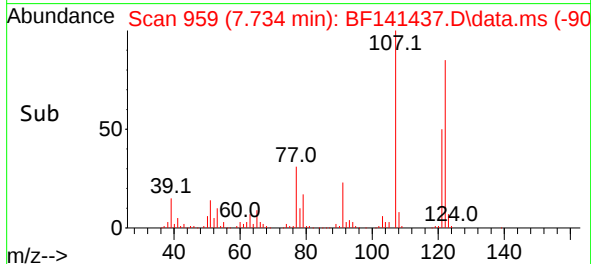
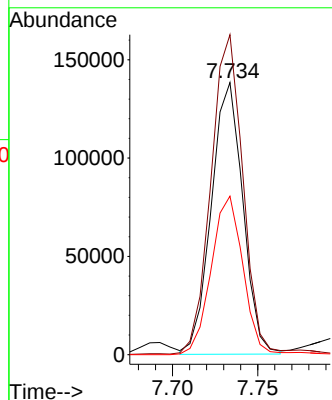
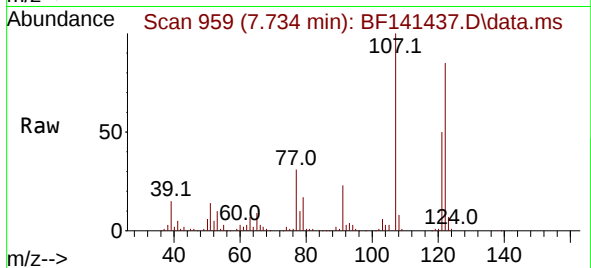
Tgt Ion:122 Resp: 178126

Ion Ratio Lower Upper

122 100

107 117.6 89.9 134.9

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.279 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

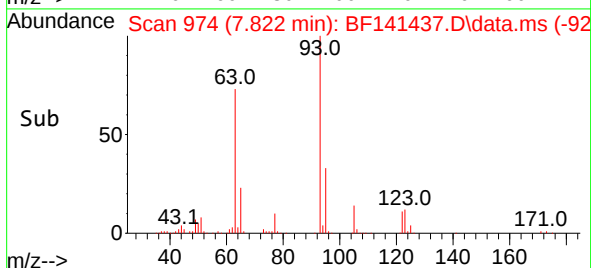
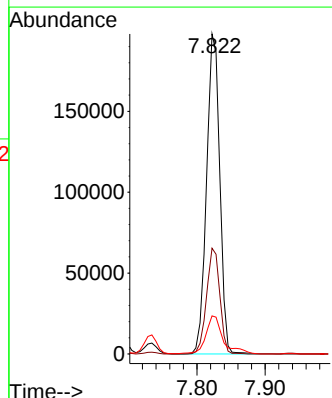
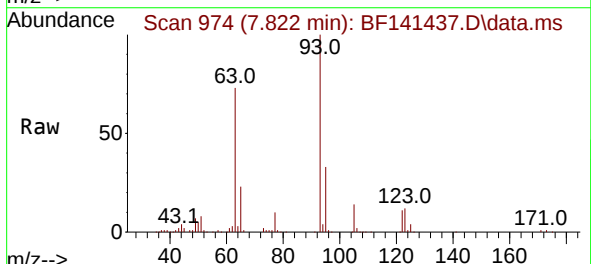
Tgt Ion: 93 Resp: 266550

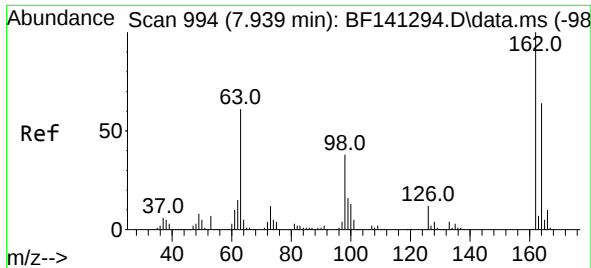
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.072 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

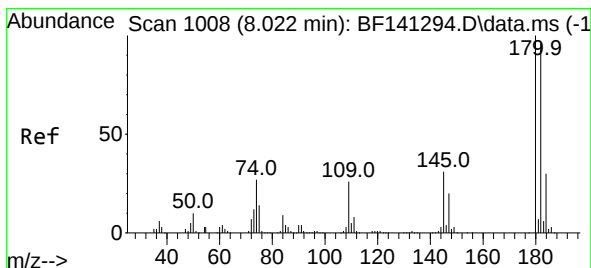
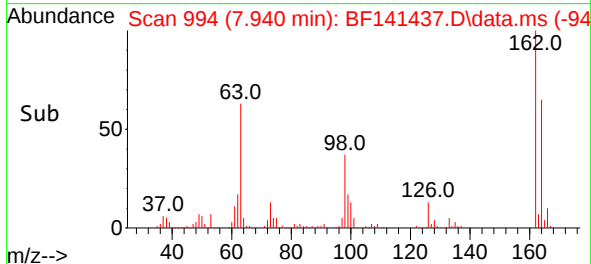
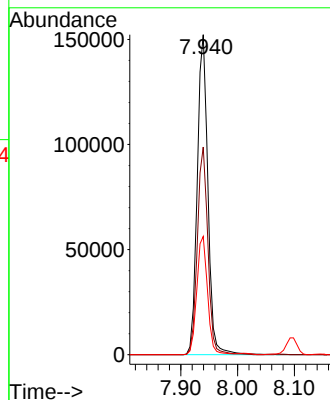
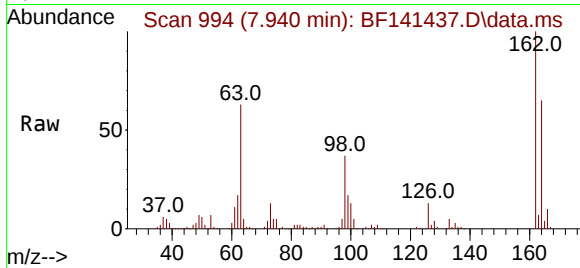
Tgt Ion:162 Resp: 199528

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 36.9 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 45.638 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

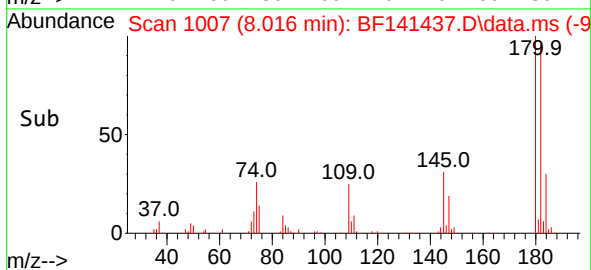
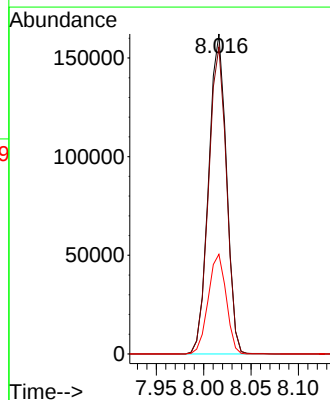
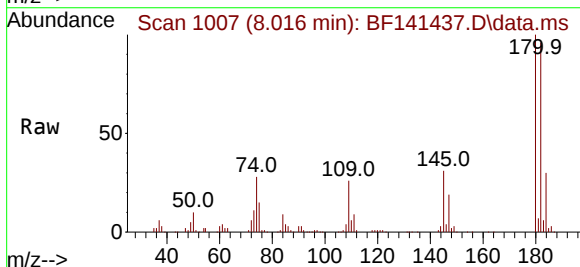
Tgt Ion:180 Resp: 211918

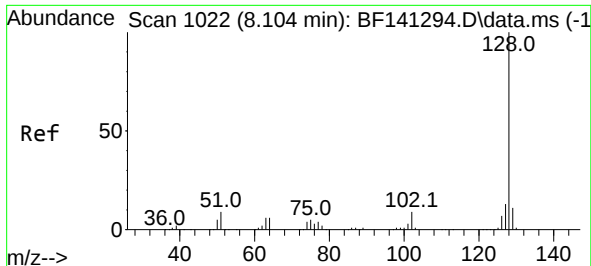
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 31.1 24.9 37.3

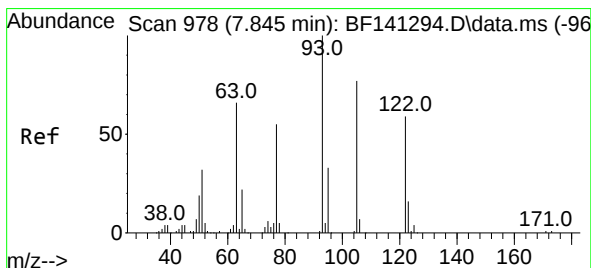
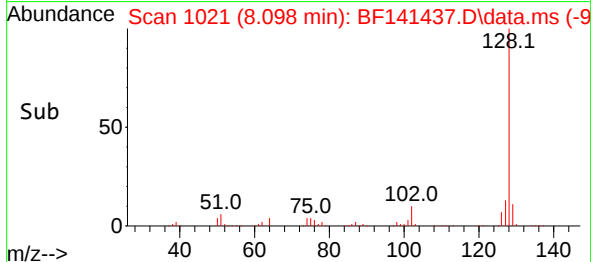
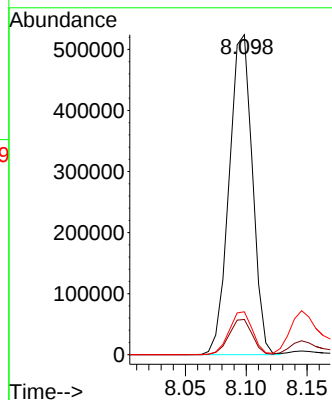
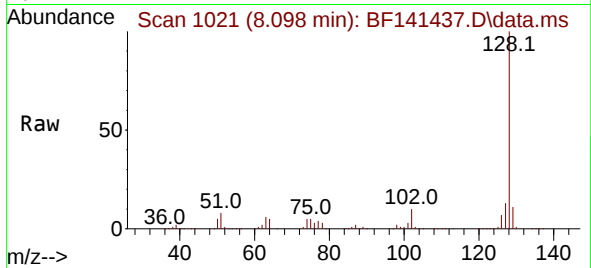




#31
Naphthalene
Concen: 46.835 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

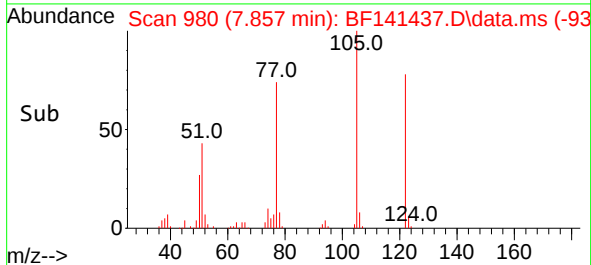
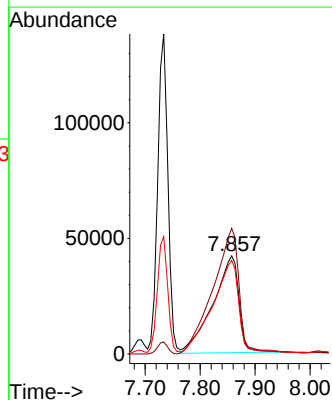
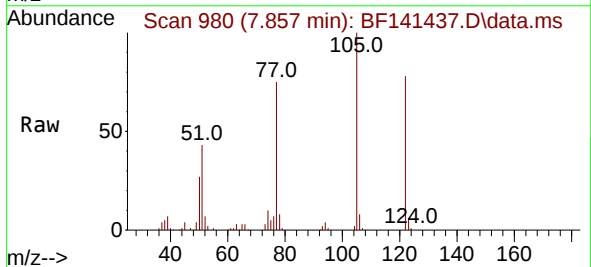
Instrument :
BNA_F
ClientSampleId :
PB166264BS

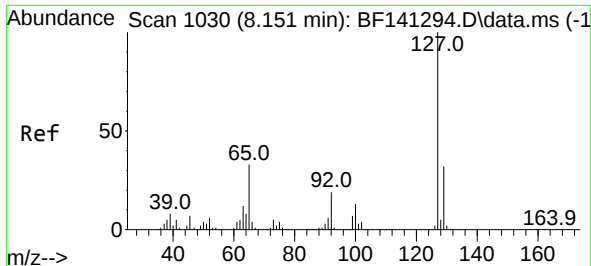
Tgt Ion:128 Resp: 696369
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 45.075 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.023 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:122 Resp: 137624
Ion Ratio Lower Upper
122 100
105 128.0 103.4 143.4
77 95.4 70.9 110.9

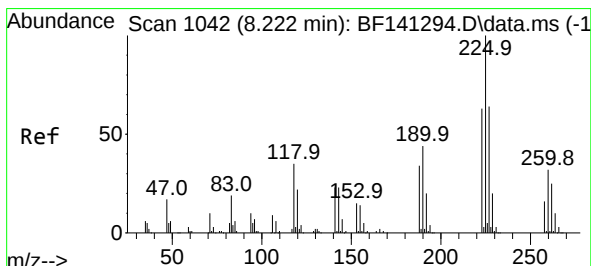
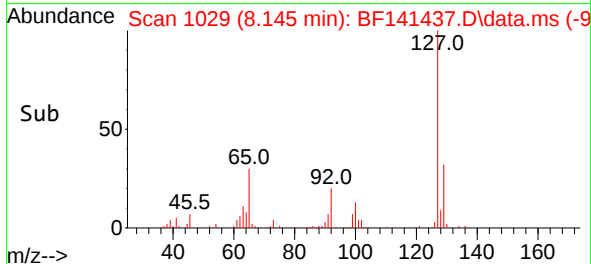
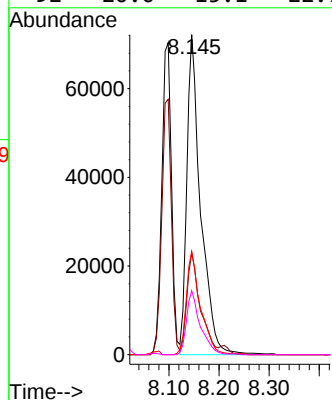
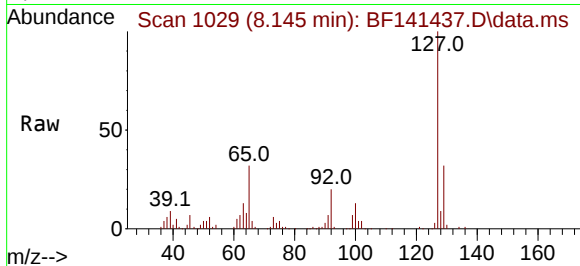




#33
4-Chloroaniline
Concen: 27.540 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

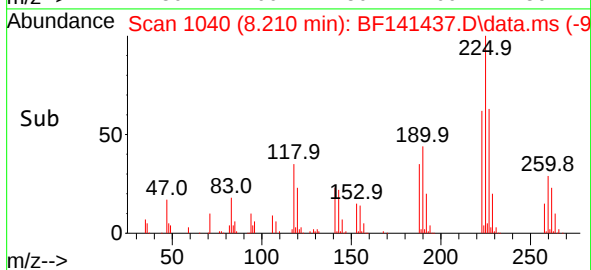
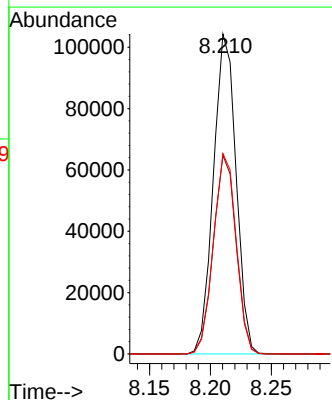
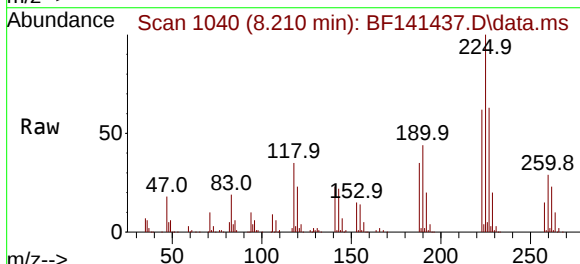
Instrument :
BNA_F
ClientSampleId :
PB166264BS

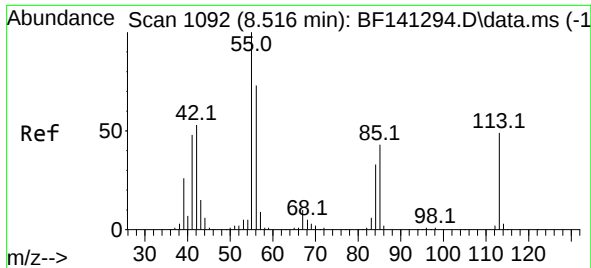
Tgt Ion:	127	Resp:	138857
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	32.3	26.4	39.6
92	20.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 49.532 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:	225	Resp:	134880
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.7	51.3	76.9

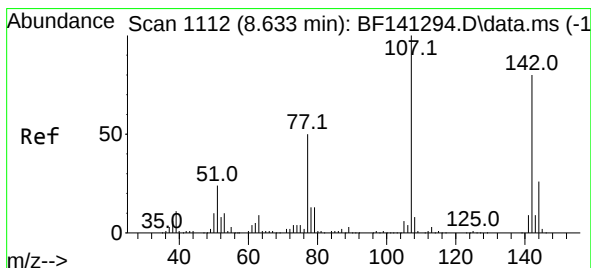
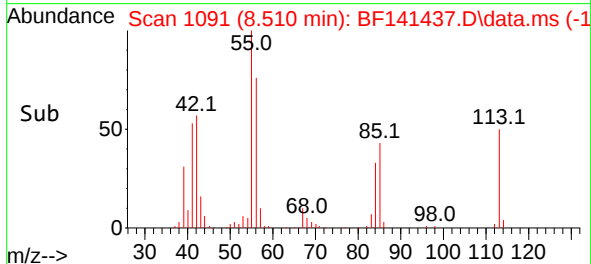
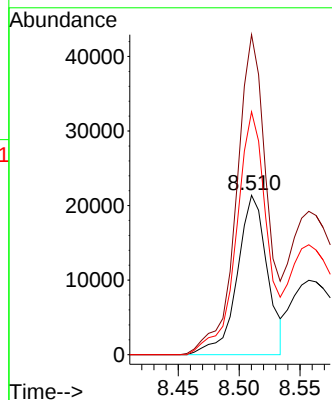
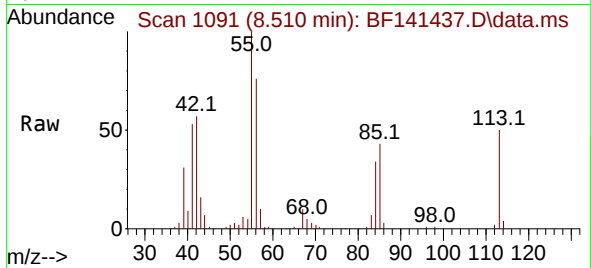




#35
 Caprolactam
 Concen: 27.727 ng
 RT: 8.510 min Scan# 1109
 Delta R.T. -0.035 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

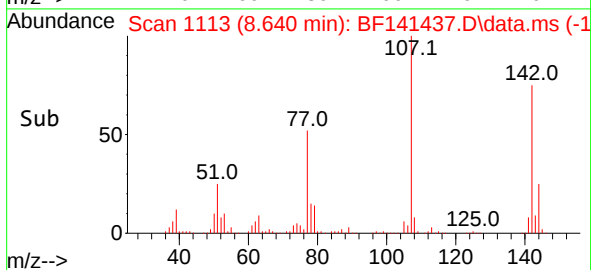
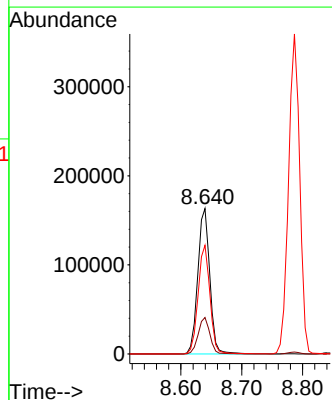
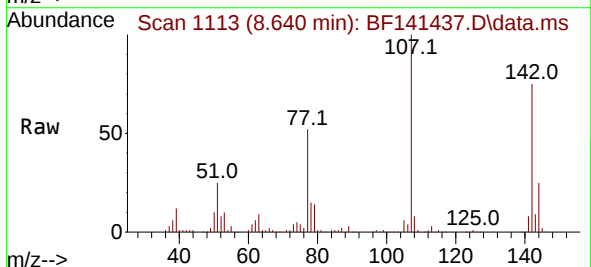
Instrument :
 BNA_F
 ClientSampleId :
 PB166264BS

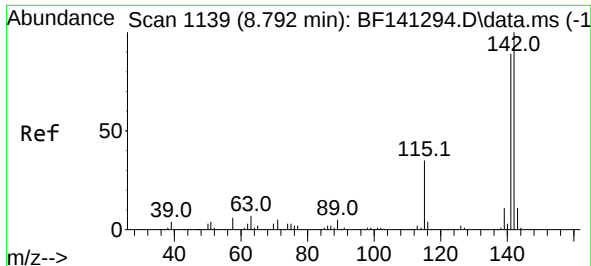
Tgt Ion:113 Resp: 36819
 Ion Ratio Lower Upper
 113 100
 55 200.7 182.9 222.9
 56 152.4 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 51.305 ng
 RT: 8.640 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

Tgt Ion:107 Resp: 223759
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 74.7 63.8 95.8

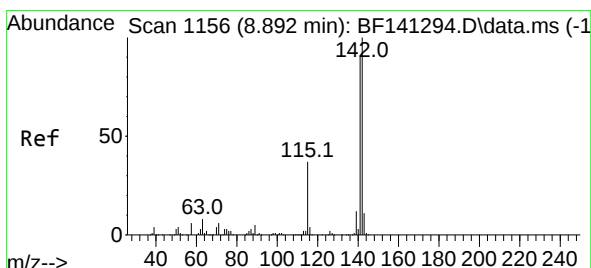
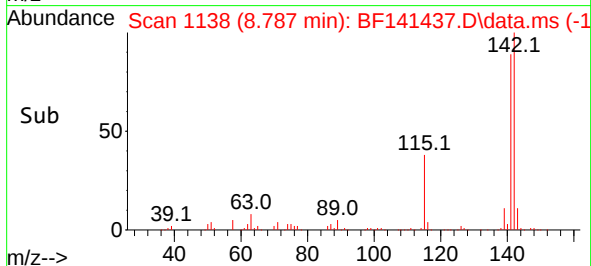
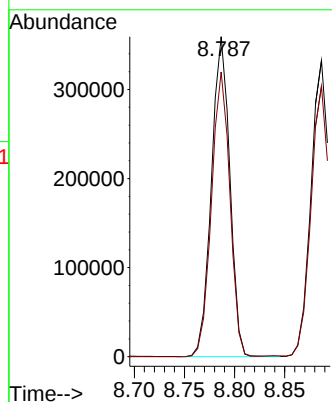
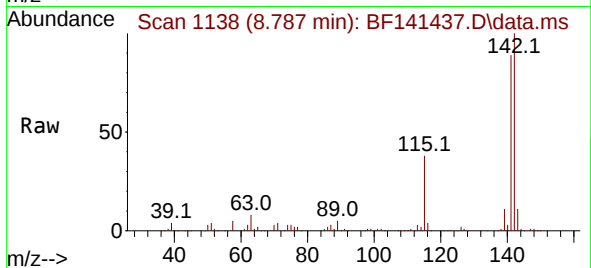




#37
2-Methylnaphthalene
Concen: 48.553 ng
RT: 8.787 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

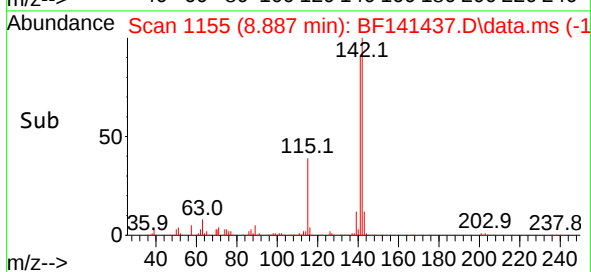
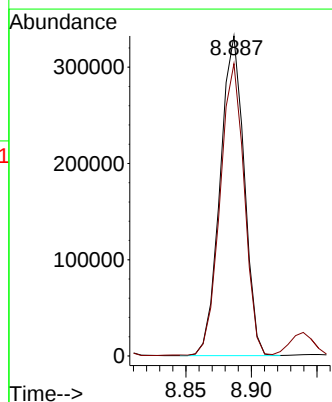
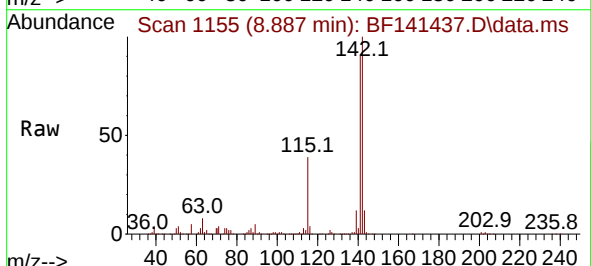
Instrument :
BNA_F
ClientSampleId :
PB166264BS

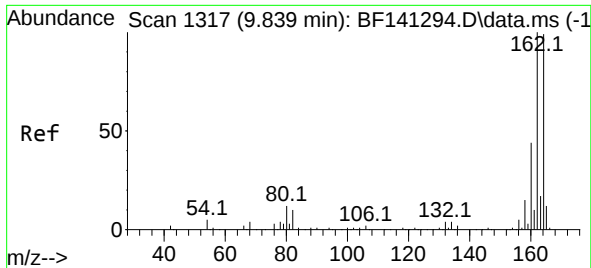
Tgt Ion:142 Resp: 458833
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9



#38
1-Methylnaphthalene
Concen: 45.695 ng
RT: 8.887 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:142 Resp: 424186
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8

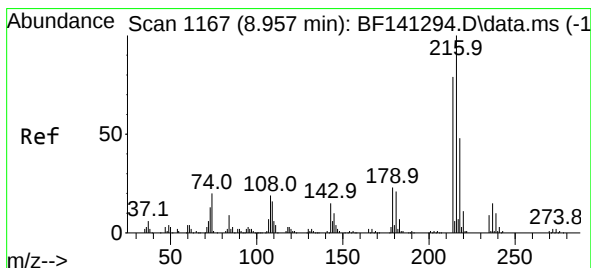
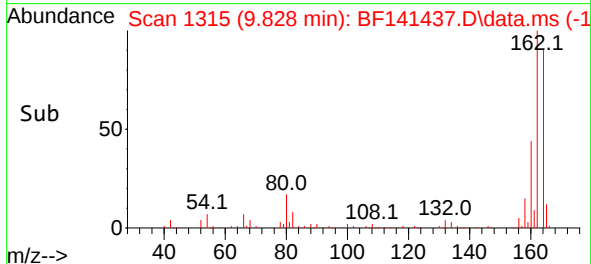
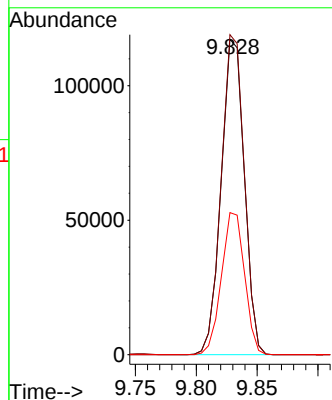
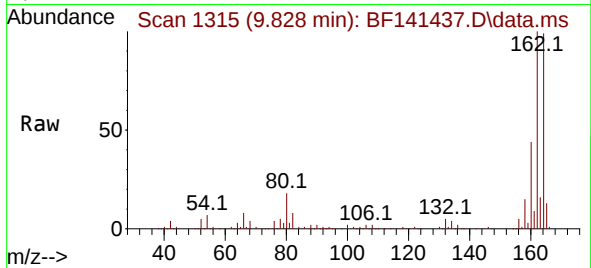




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

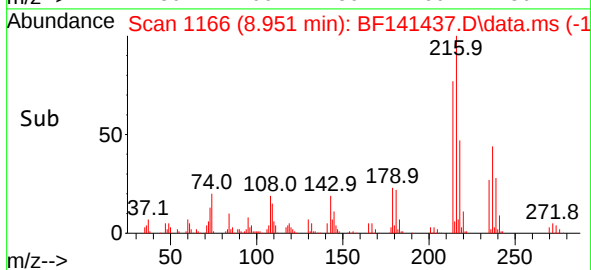
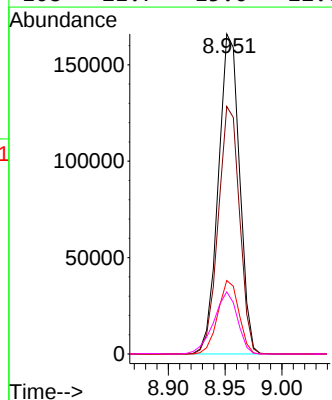
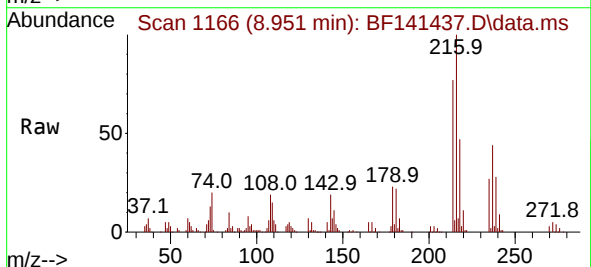
Instrument :
BNA_F
ClientSampleId :
PB166264BS

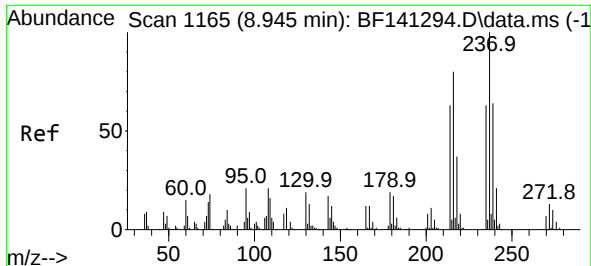
Tgt Ion:164 Resp: 155186
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.900 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:216 Resp: 215888
Ion Ratio Lower Upper
216 100
214 77.6 63.2 94.8
179 22.7 17.8 26.8
108 21.7 15.0 22.6

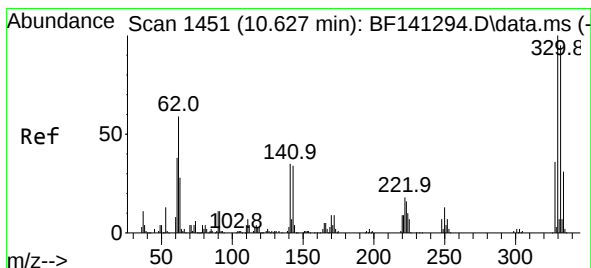
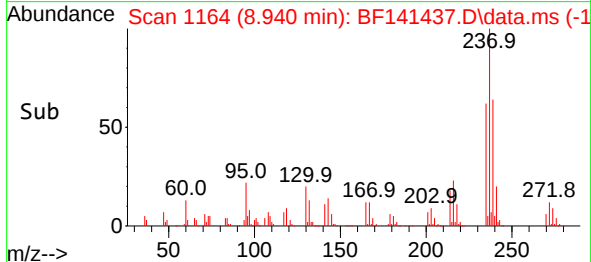
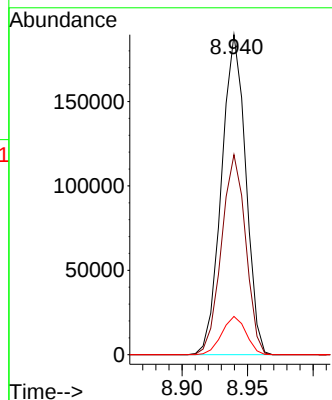
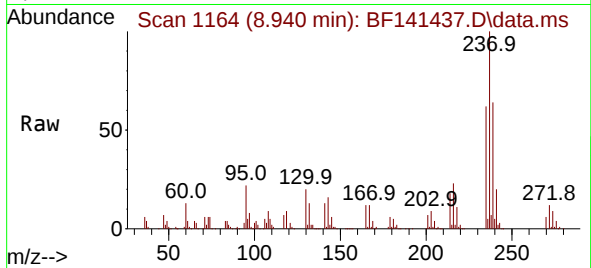




#41
Hexachlorocyclopentadiene
Concen: 186.446 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

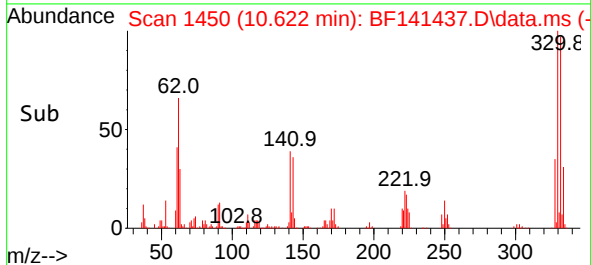
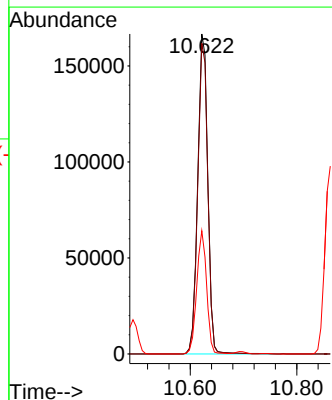
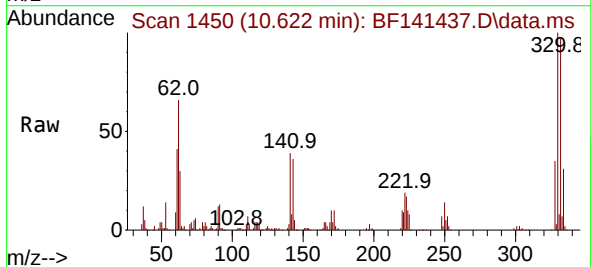
Instrument :
BNA_F
ClientSampleId :
PB166264BS

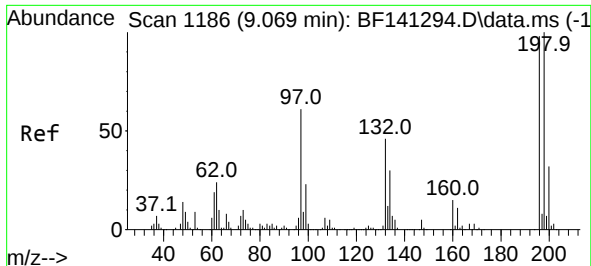
Tgt Ion:237 Resp: 243095
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 11.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 154.187 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:330 Resp: 219361
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 37.7 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 49.577 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

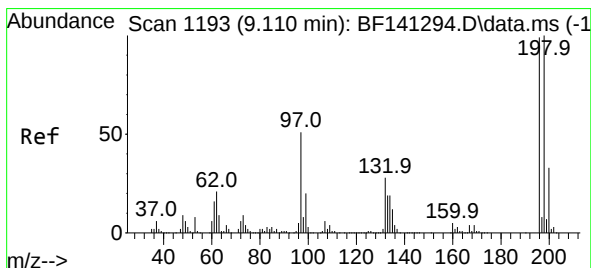
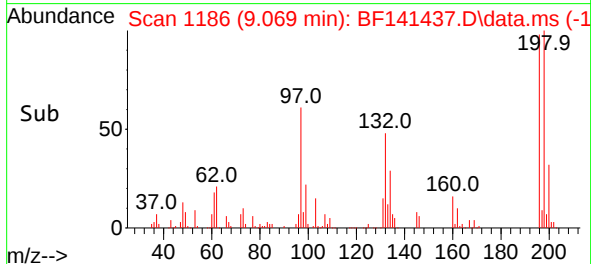
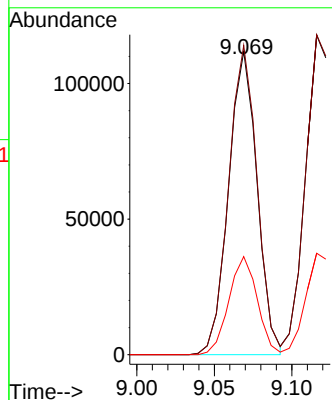
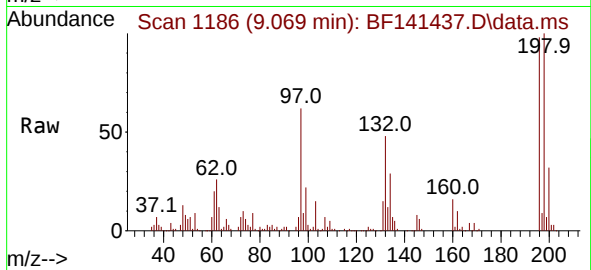
Tgt Ion:196 Resp: 143261

Ion Ratio Lower Upper

196 100

198 102.0 81.8 122.6

200 32.3 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 48.670 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Tgt Ion:196 Resp: 153071

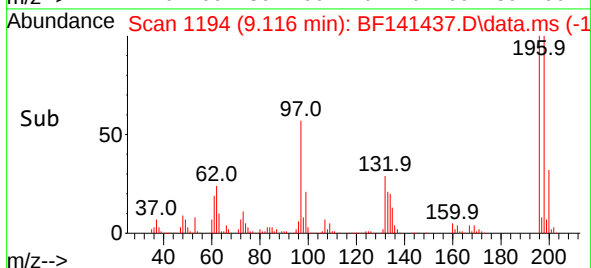
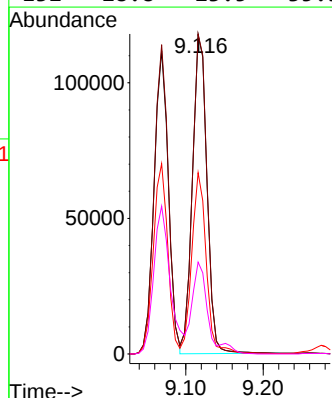
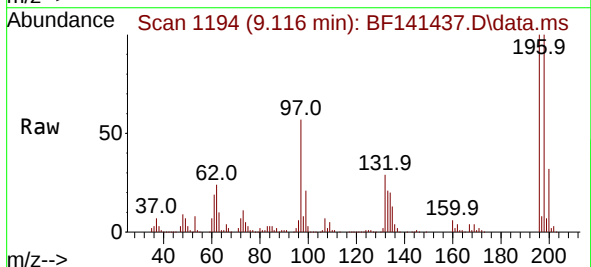
Ion Ratio Lower Upper

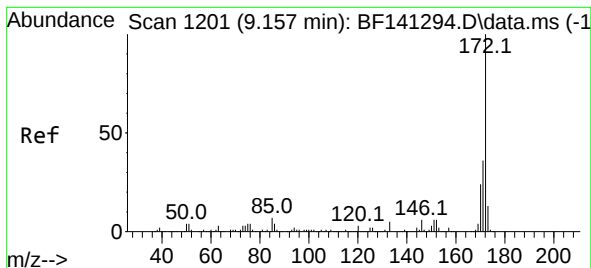
196 100

198 100.2 80.5 120.7

97 56.8 42.8 64.2

132 28.8 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 93.814 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

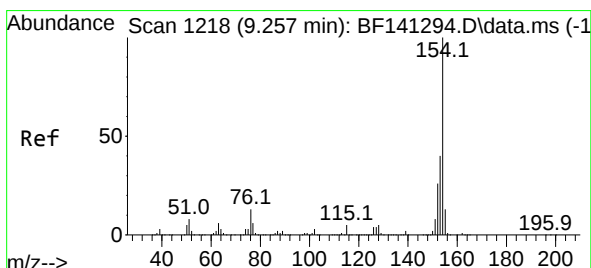
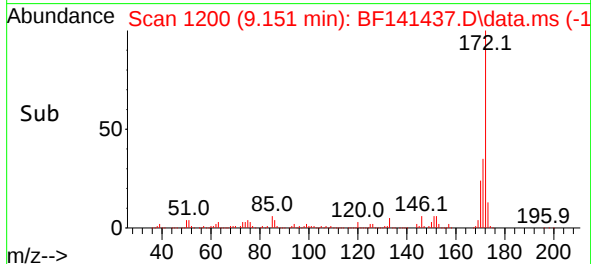
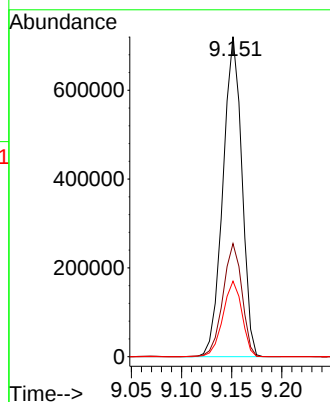
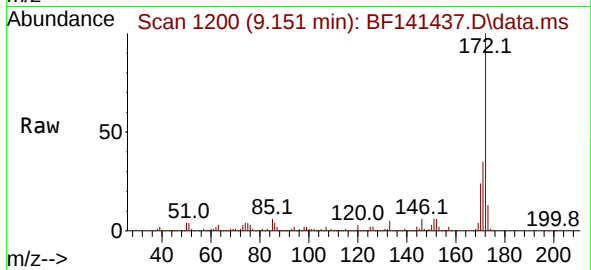
Tgt Ion:172 Resp: 945860

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.719 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

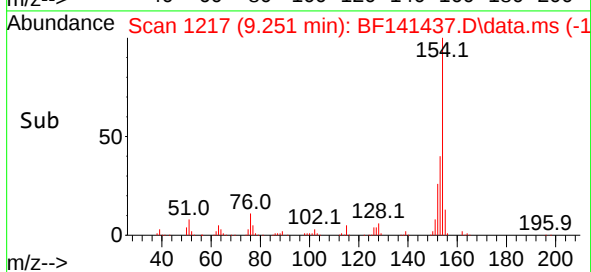
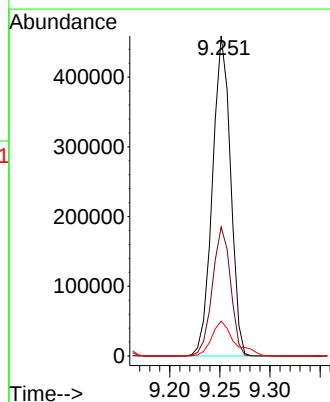
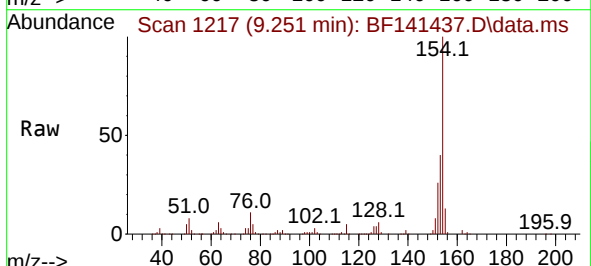
Tgt Ion:154 Resp: 577527

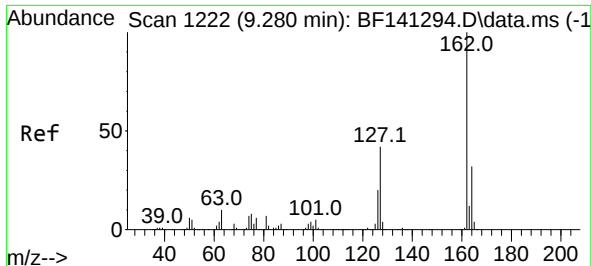
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

76 10.9 0.0 32.8

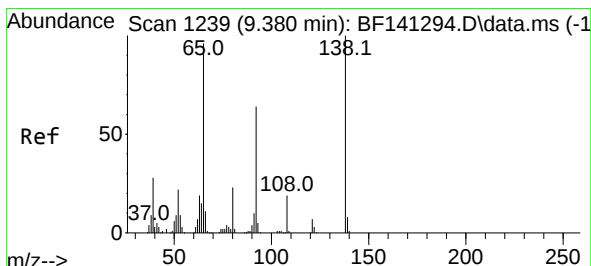
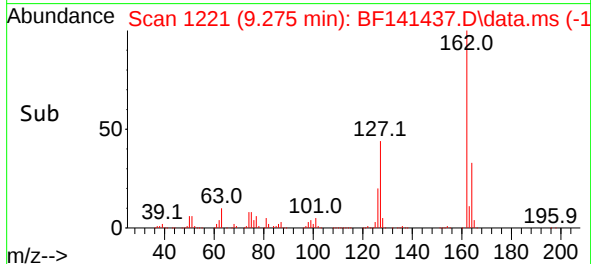
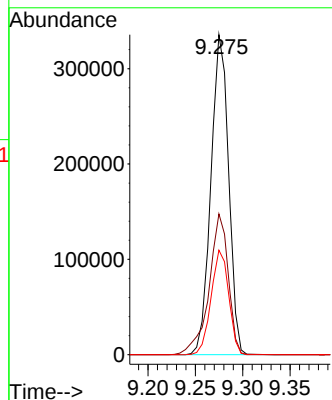
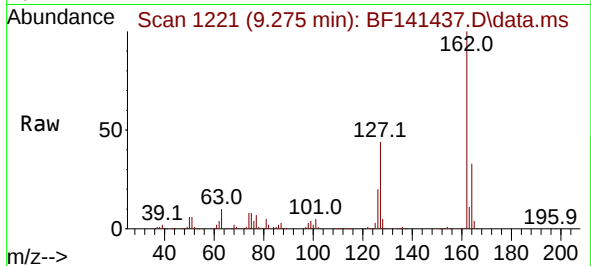




#47
2-Chloronaphthalene
Concen: 46.115 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

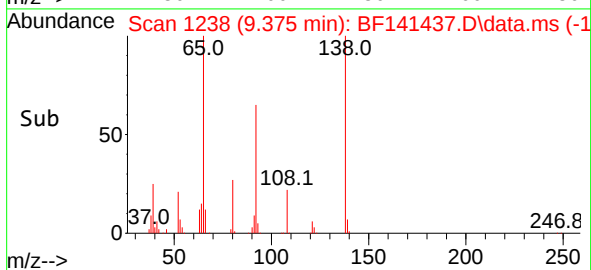
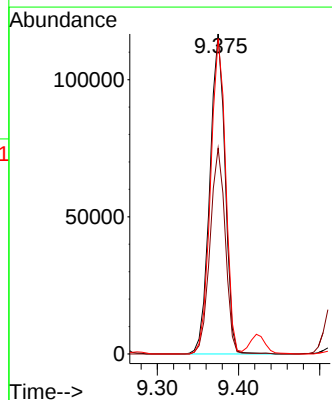
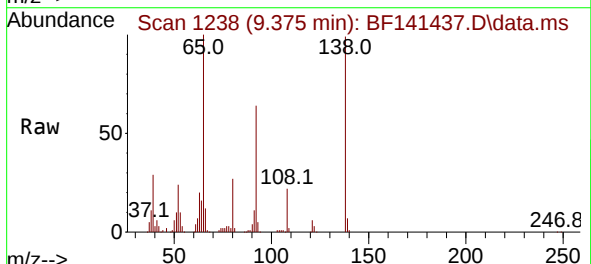
Instrument :
BNA_F
ClientSampleId :
PB166264BS

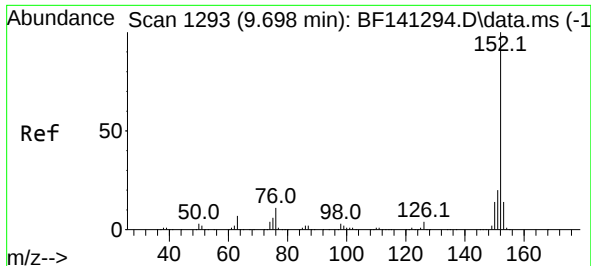
Tgt Ion:162 Resp: 435016
Ion Ratio Lower Upper
162 100
127 44.0 33.7 50.5
164 32.6 25.9 38.9



#48
2-Nitroaniline
Concen: 51.229 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion: 65 Resp: 152006
Ion Ratio Lower Upper
65 100
92 64.3 53.3 79.9
138 98.6 83.6 125.4





#49

Acenaphthylene

Concen: 51.151 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

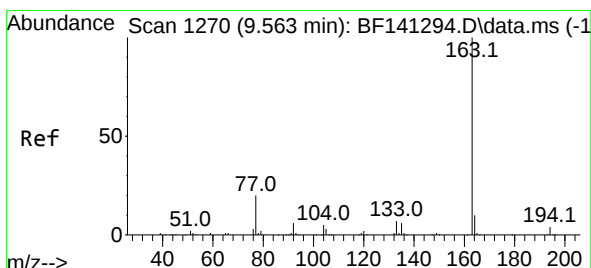
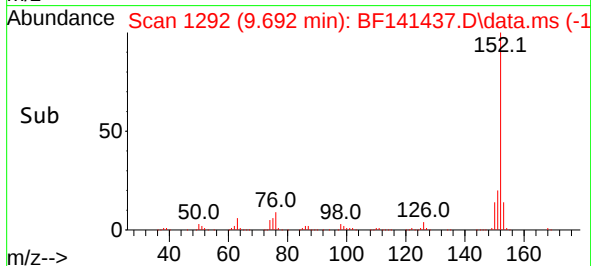
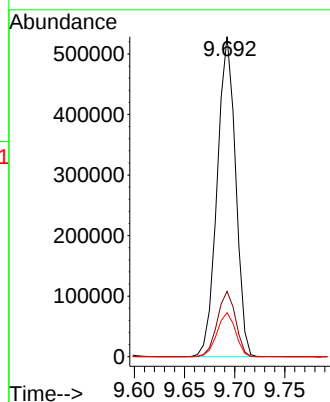
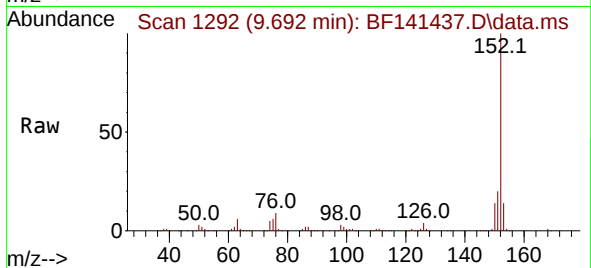
Tgt Ion:152 Resp: 675452

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 49.806 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

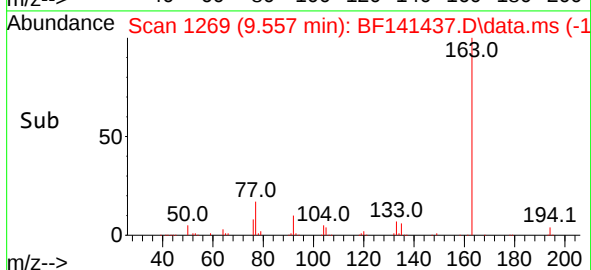
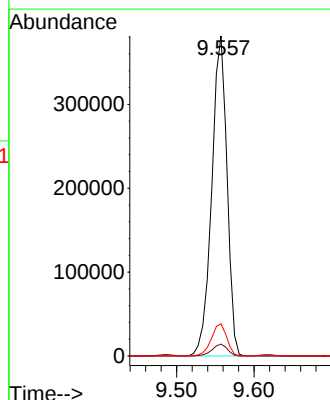
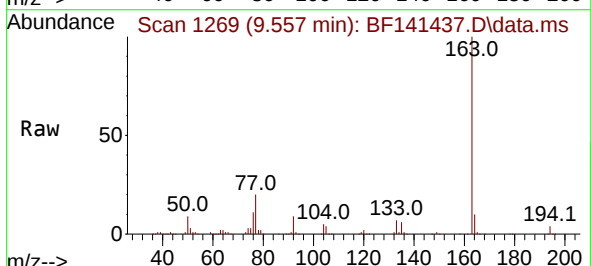
Tgt Ion:163 Resp: 522026

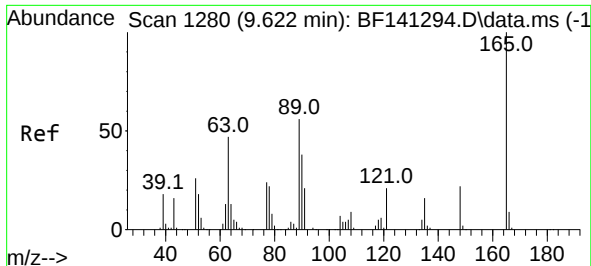
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.0 12.0

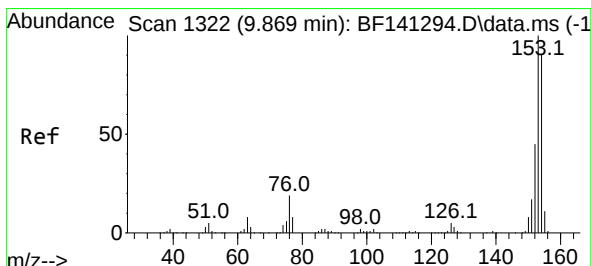
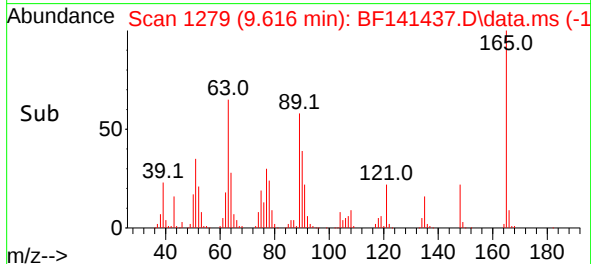
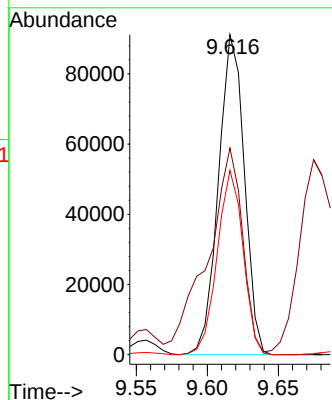
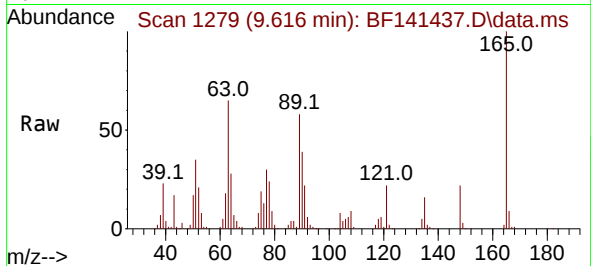




#51
2,6-Dinitrotoluene
Concen: 47.487 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

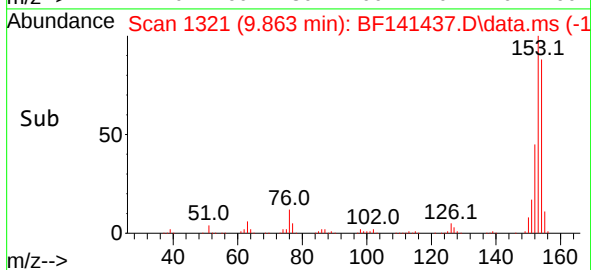
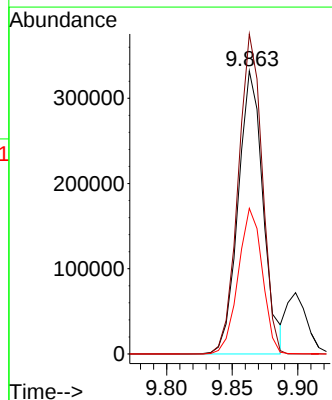
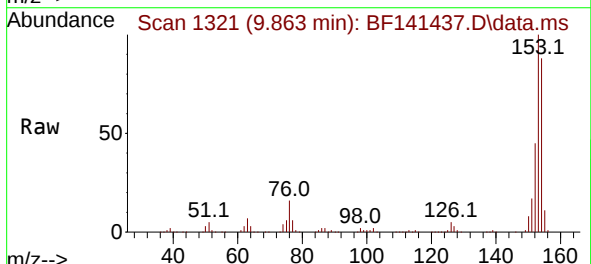
Instrument :
BNA_F
ClientSampleId :
PB166264BS

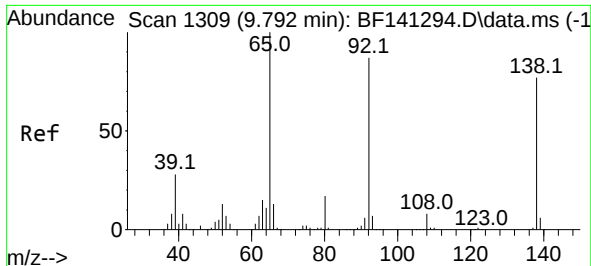
Tgt Ion:165 Resp: 115565
Ion Ratio Lower Upper
165 100
63 64.5 48.1 72.1
89 57.6 44.9 67.3



#52
Acenaphthene
Concen: 46.586 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:154 Resp: 439478
Ion Ratio Lower Upper
154 100
153 113.1 89.0 133.4
152 51.4 40.2 60.4

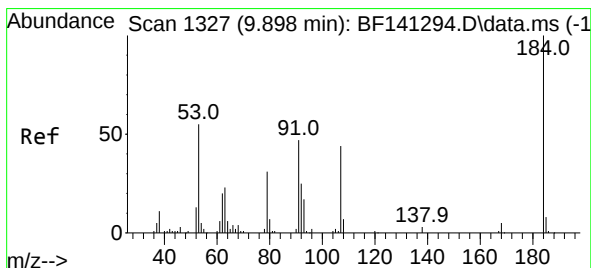
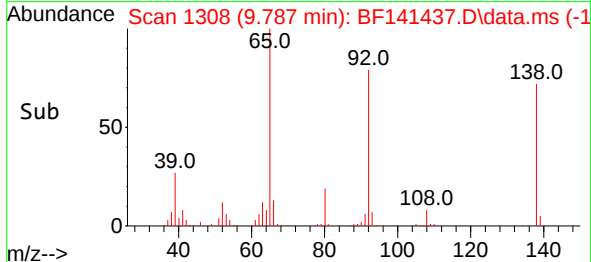
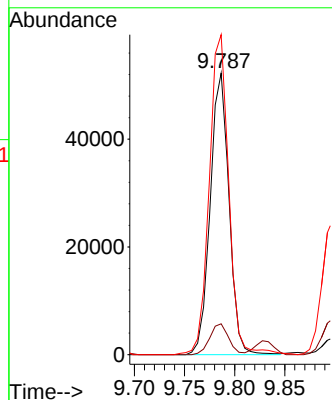
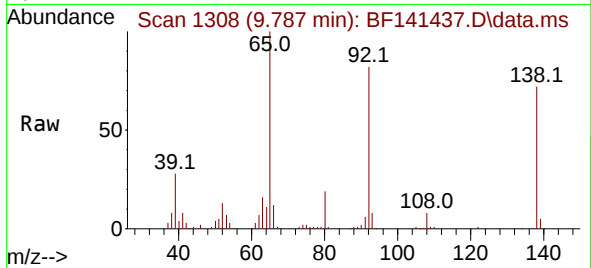




#53
3-Nitroaniline
Concen: 28.641 ng
RT: 9.787 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

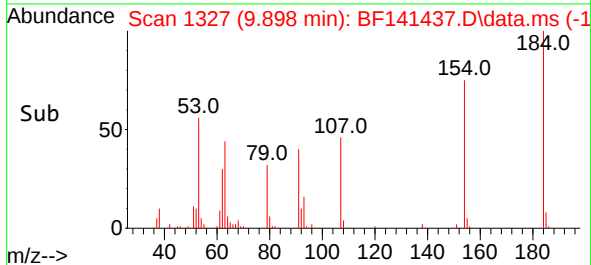
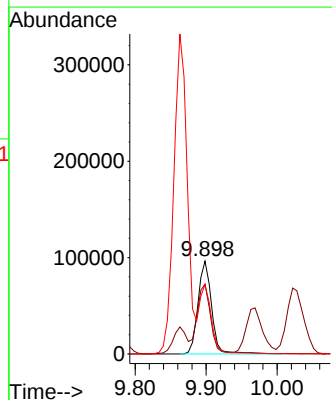
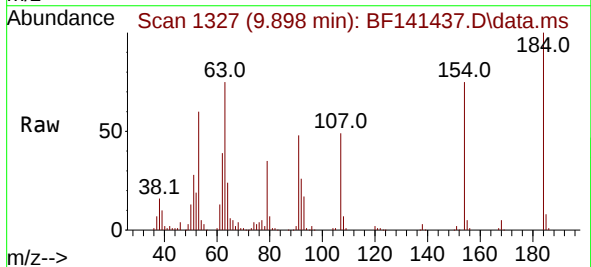
Instrument :
BNA_F
ClientSampleId :
PB166264BS

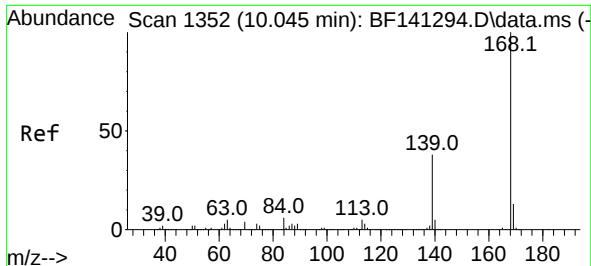
Tgt Ion:138 Resp: 68315
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 113.6 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 114.193 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:184 Resp: 129184
Ion Ratio Lower Upper
184 100
63 75.4 54.1 81.1
154 74.6 50.7 76.1

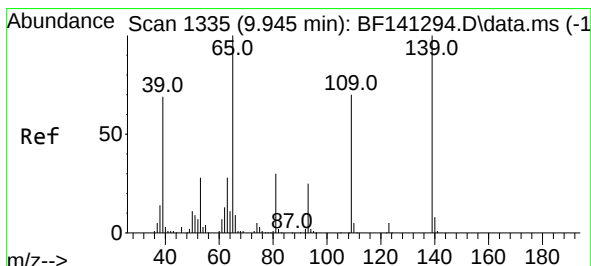
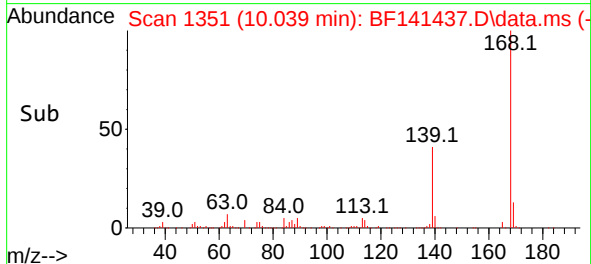
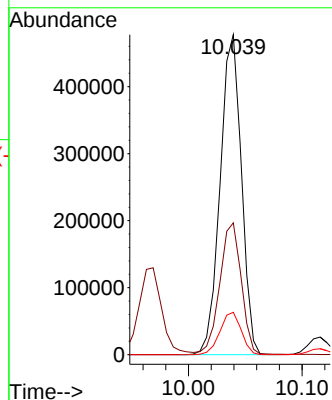
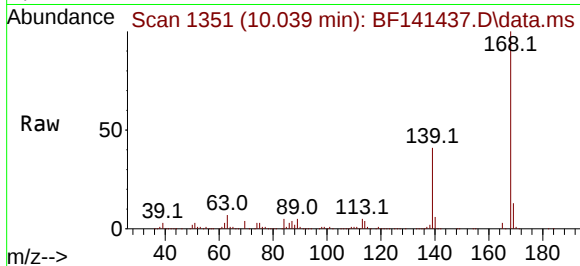




#55
Dibenzofuran
Concen: 49.149 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

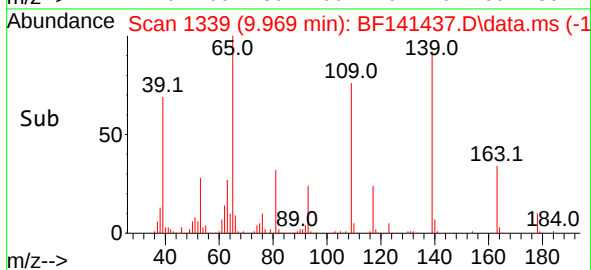
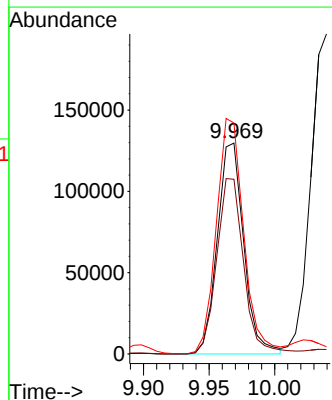
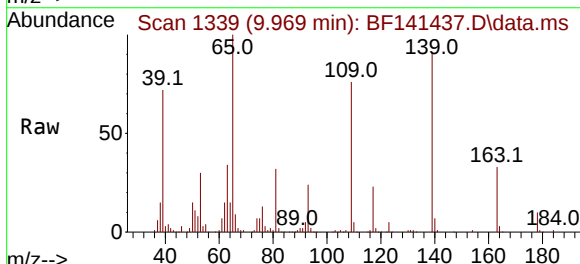
Instrument :
BNA_F
ClientSampleId :
PB166264BS

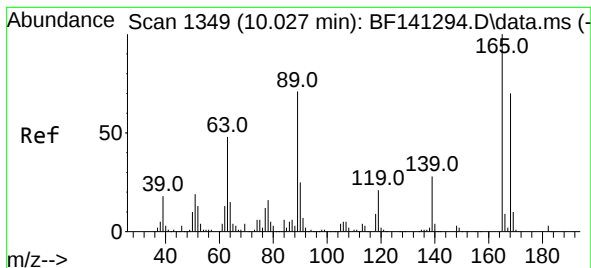
Tgt Ion:168 Resp: 620623
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 104.080 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:139 Resp: 181556
Ion Ratio Lower Upper
139 100
109 82.9 50.2 90.2
65 109.4 80.6 120.6

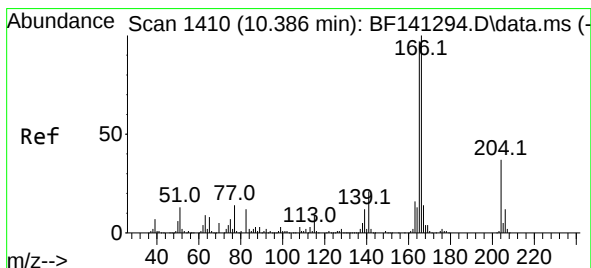
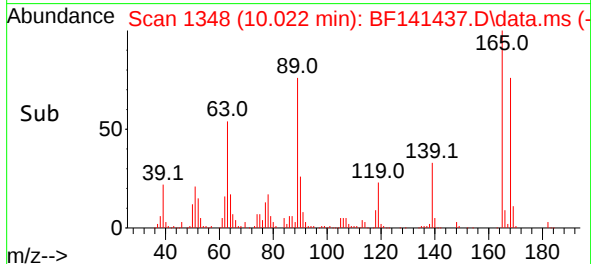
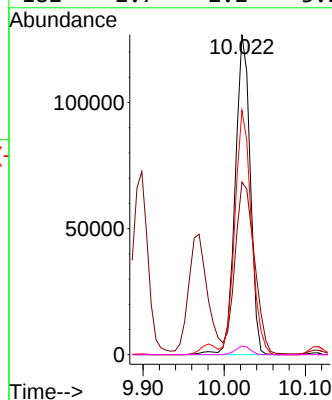
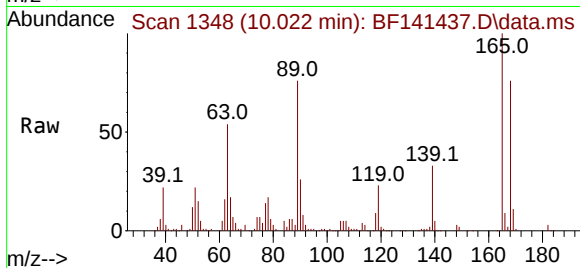




#57
2,4-Dinitrotoluene
Concen: 51.735 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

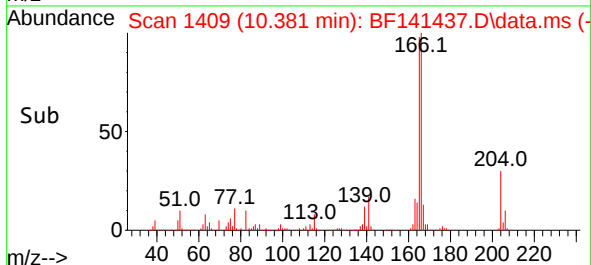
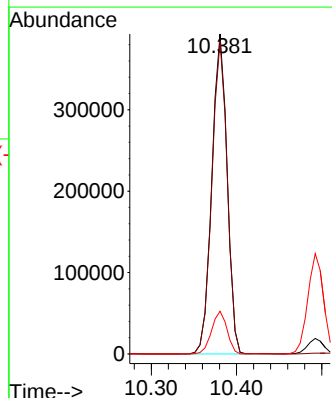
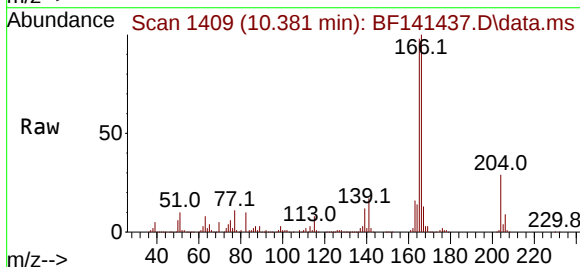
Instrument :
BNA_F
ClientSampleId :
PB166264BS

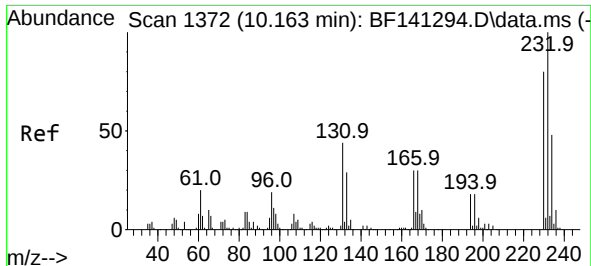
Tgt Ion:165 Resp: 163009
Ion Ratio Lower Upper
165 100
63 53.9 39.2 58.8
89 76.4 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 50.208 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:166 Resp: 491783
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.4 10.9 16.3

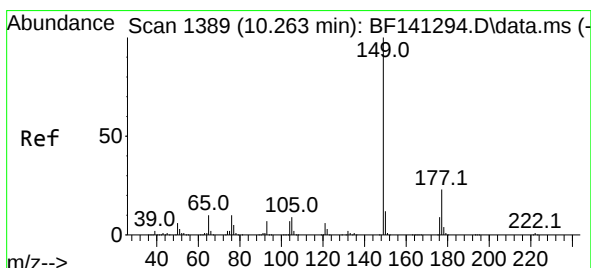
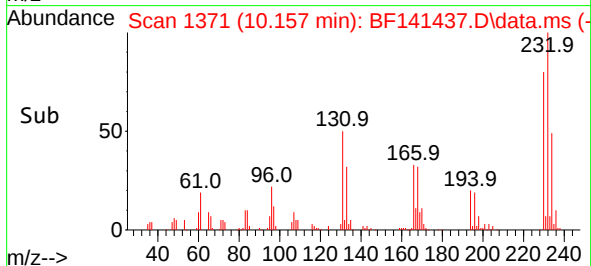
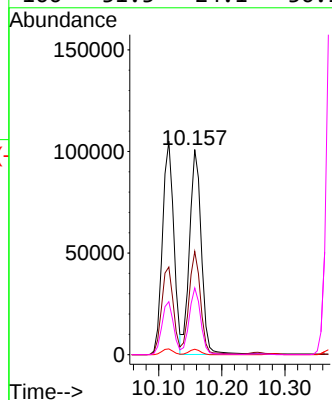
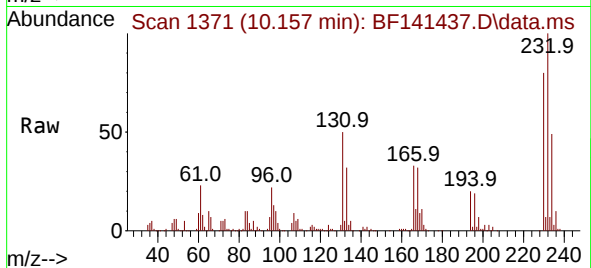




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.174 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

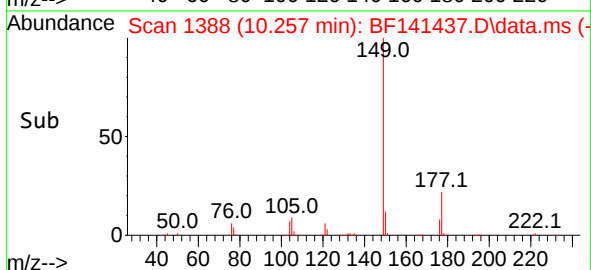
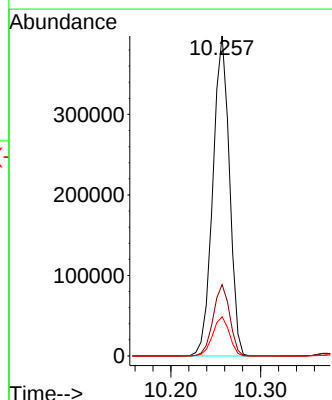
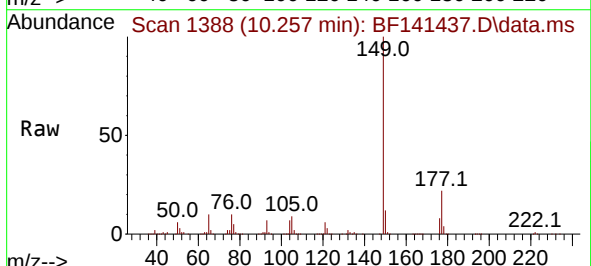
Instrument :
BNA_F
ClientSampleId :
PB166264BS

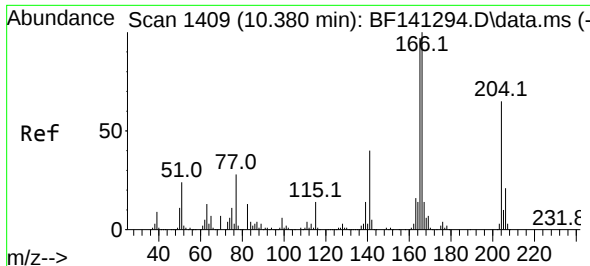
Tgt Ion:232 Resp: 131569
Ion Ratio Lower Upper
232 100
131 49.3 36.4 54.6
130 2.6 1.9 2.9
166 31.3 24.1 36.1



#60
Diethylphthalate
Concen: 50.180 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:149 Resp: 509961
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.3 10.0 15.0

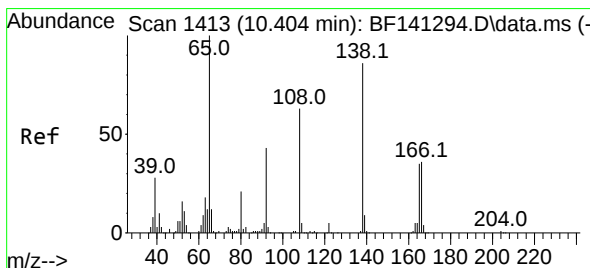
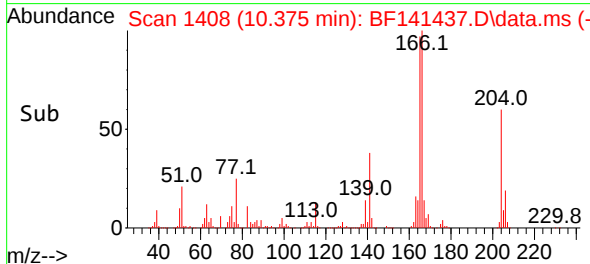
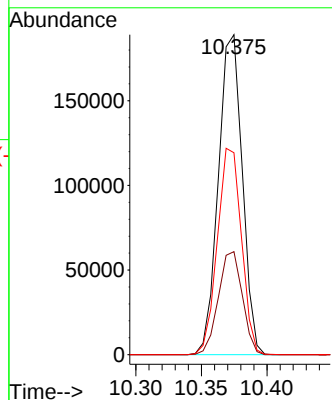
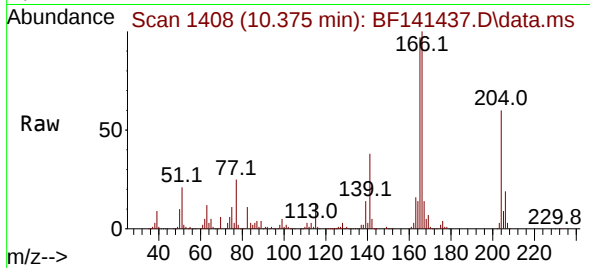




#61
4-Chlorophenyl-phenylether
Concen: 50.112 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

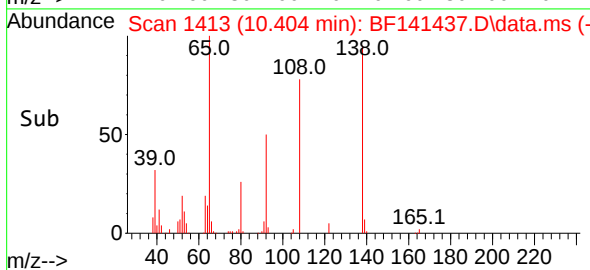
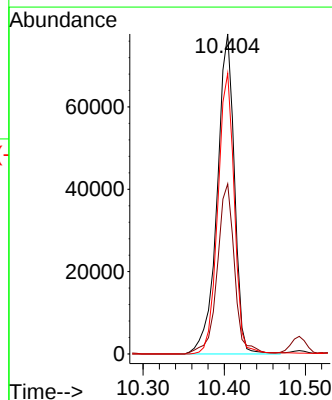
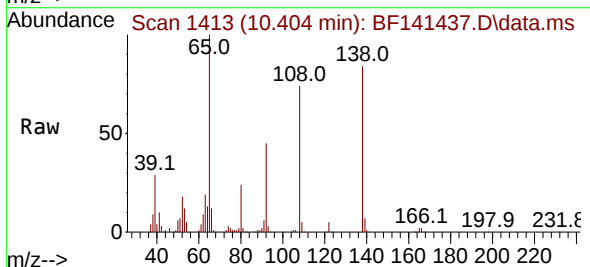
Instrument :
BNA_F
ClientSampleId :
PB166264BS

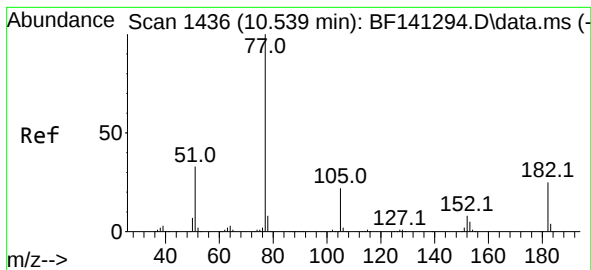
Tgt Ion:204 Resp: 239762
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 63.1 49.5 74.3



#62
4-Nitroaniline
Concen: 49.195 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:138 Resp: 115362
Ion Ratio Lower Upper
138 100
92 53.1 30.1 70.1
108 87.7 53.1 93.1





#63

Azobenzene

Concen: 47.910 ng

RT: 10.534 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

Tgt Ion: 77 Resp: 487368

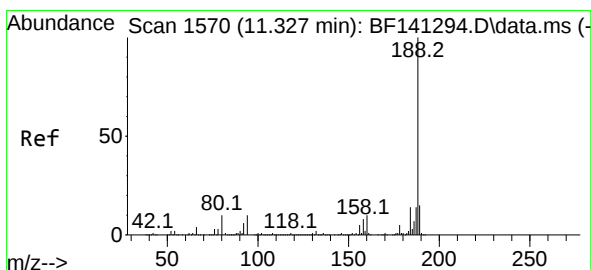
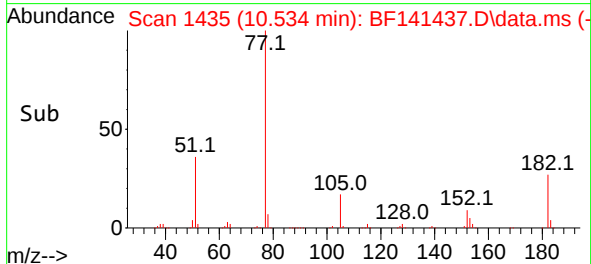
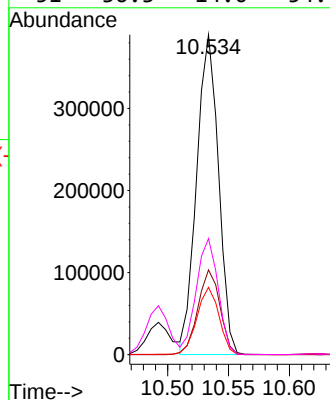
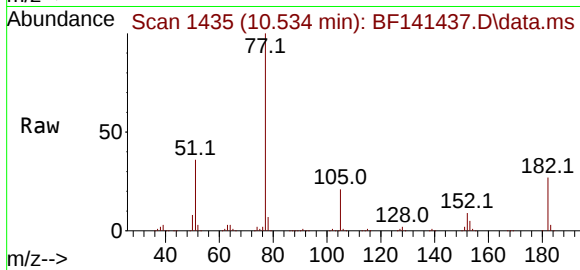
Ion Ratio Lower Upper

77 100

182 26.5 5.1 45.1

105 21.1 1.8 41.8

51 36.3 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

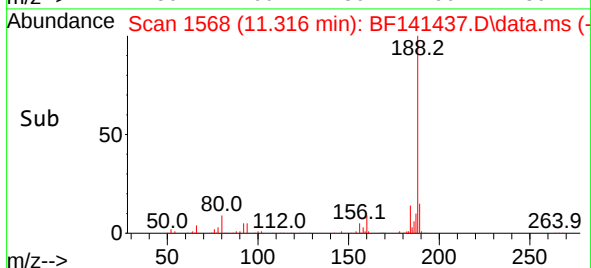
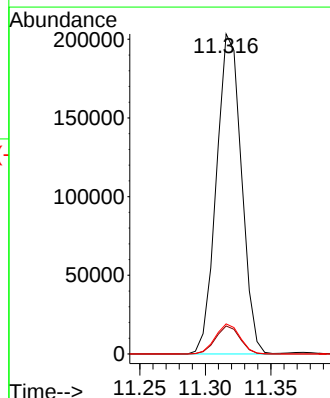
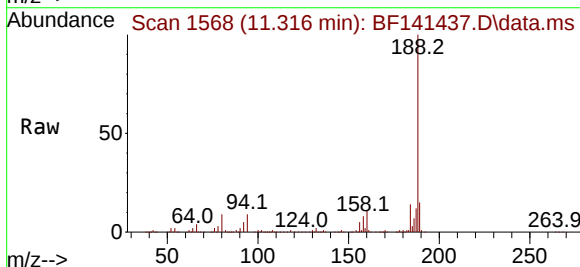
Tgt Ion: 188 Resp: 269725

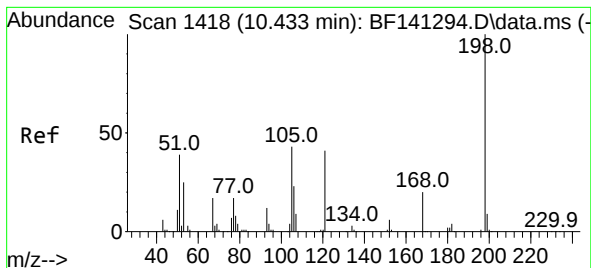
Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.4 8.2 12.4

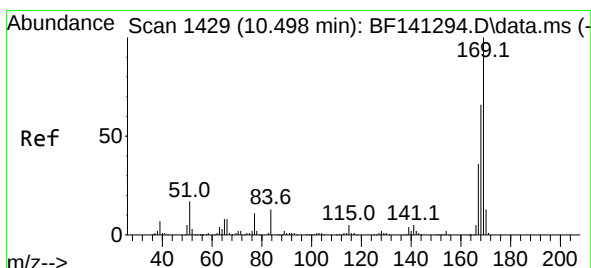
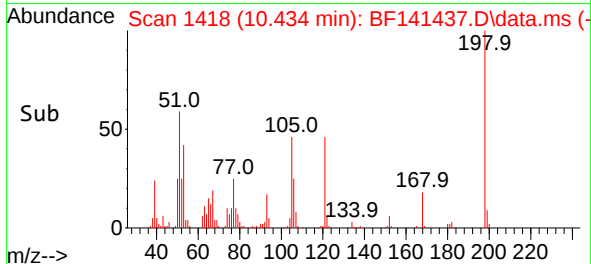
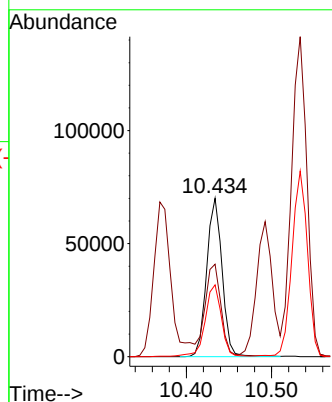
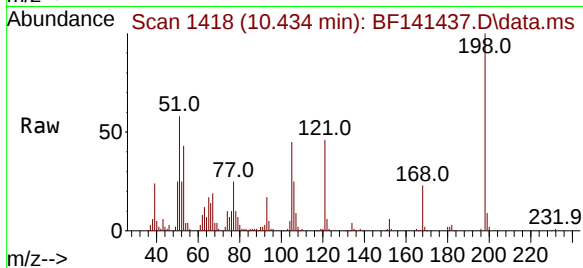




#65
4,6-Dinitro-2-methylphenol
Concen: 55.325 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

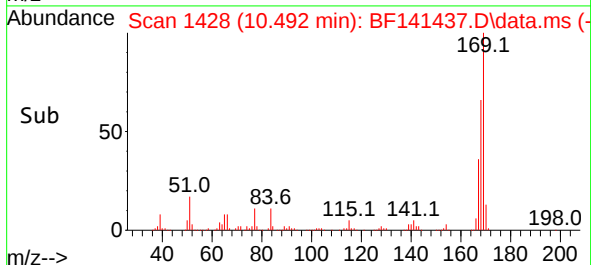
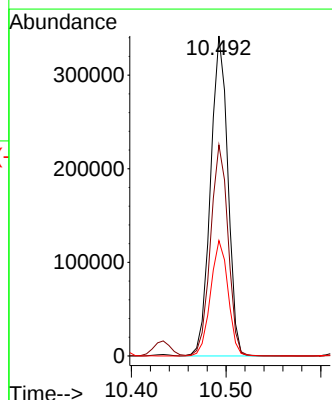
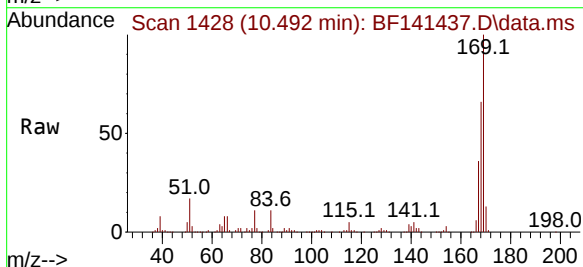
Instrument :
BNA_F
ClientSampleId :
PB166264BS

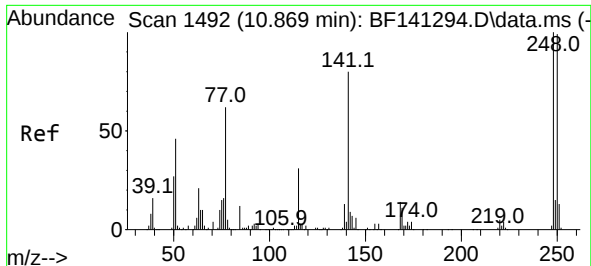
Tgt Ion:198 Resp: 88266
Ion Ratio Lower Upper
198 100
51 58.4 33.4 73.4
105 45.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 49.530 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:169 Resp: 432094
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 36.0 28.8 43.2

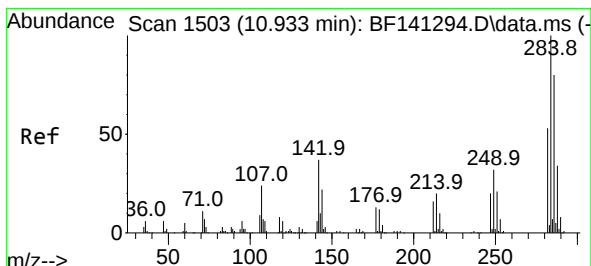
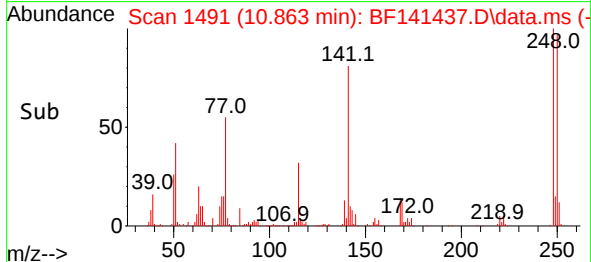
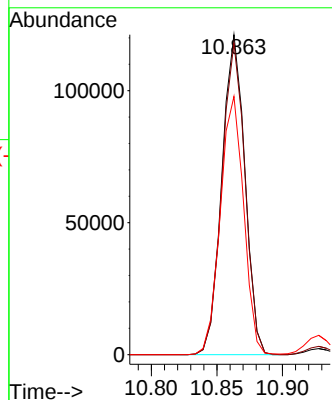
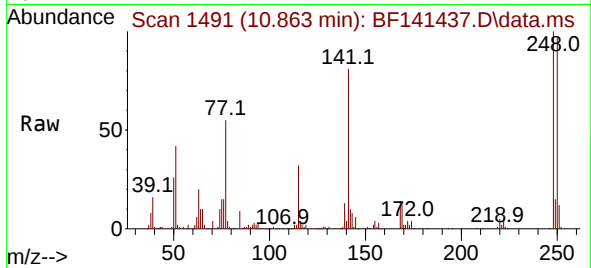




#67
4-Bromophenyl-phenylether
Concen: 48.974 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

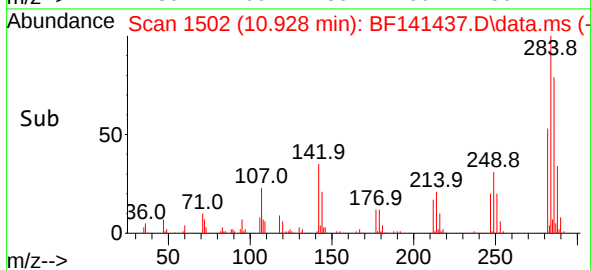
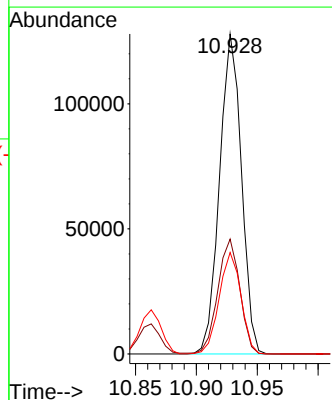
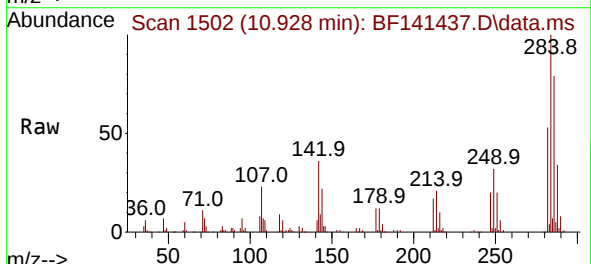
Instrument :
BNA_F
ClientSampleId :
PB166264BS

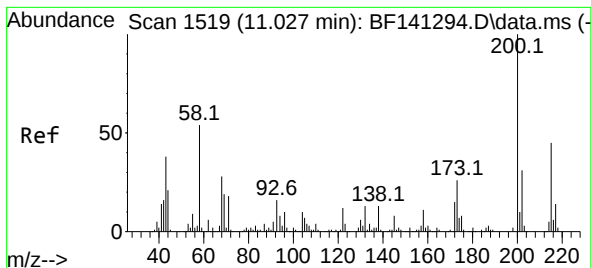
Tgt Ion:248 Resp: 147885
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 80.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 49.938 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:284 Resp: 159957
Ion Ratio Lower Upper
284 100
142 35.9 29.5 44.3
249 31.7 25.4 38.2





#69

Atrazine

Concen: 52.868 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

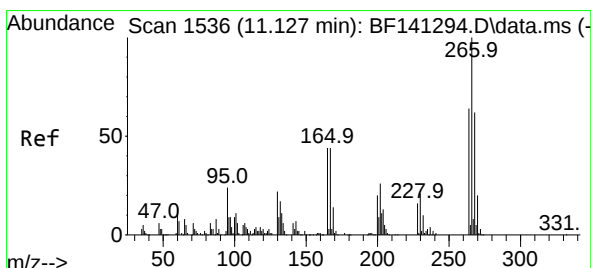
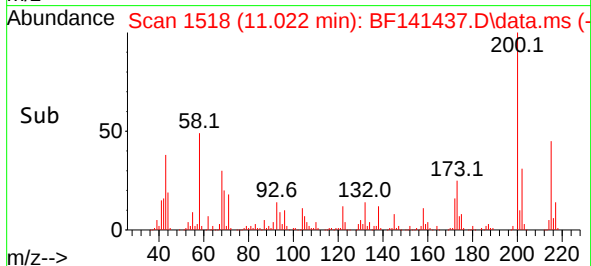
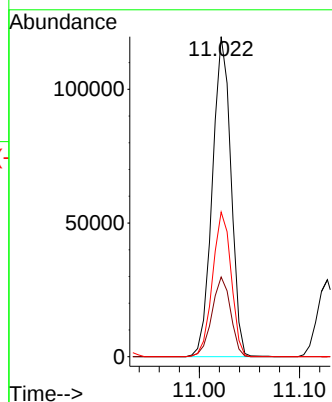
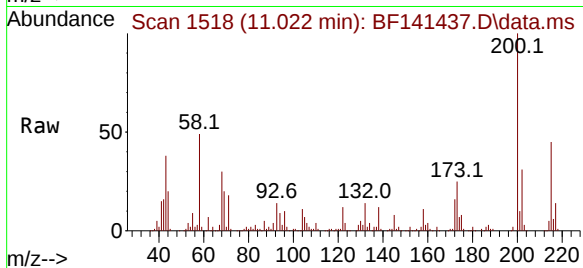
Tgt Ion:200 Resp: 154206

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

215 45.2 25.2 65.2



#70

Pentachlorophenol

Concen: 99.629 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

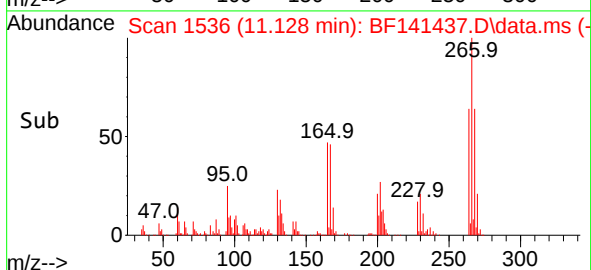
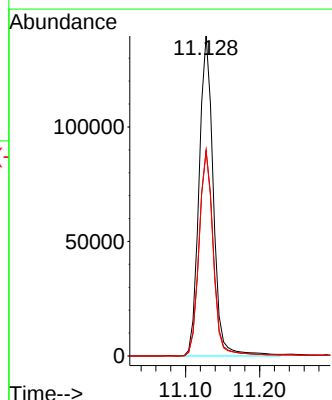
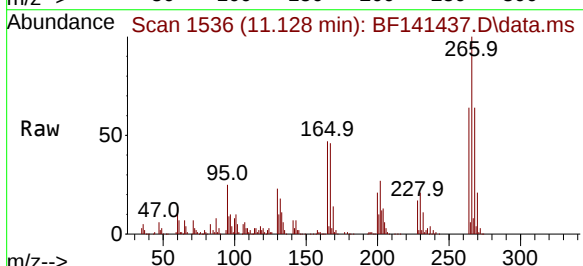
Tgt Ion:266 Resp: 186873

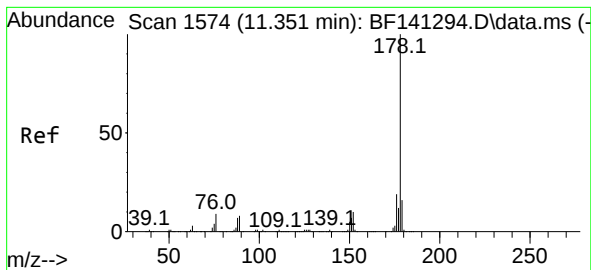
Ion Ratio Lower Upper

266 100

268 64.2 49.9 74.9

264 64.1 51.0 76.4





#71

Phenanthrene

Concen: 52.091 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

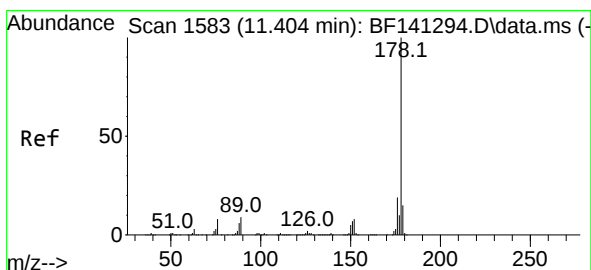
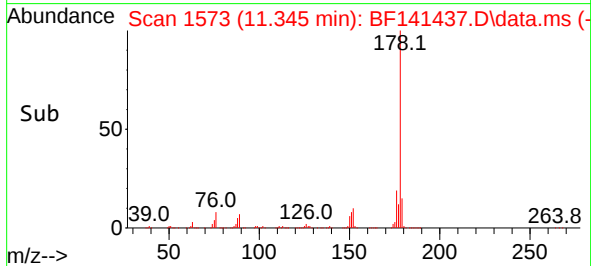
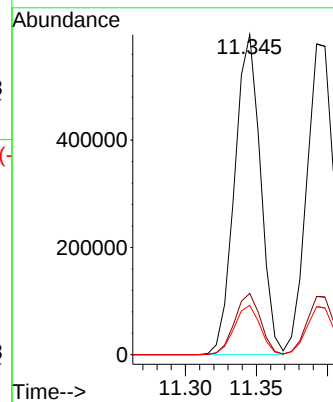
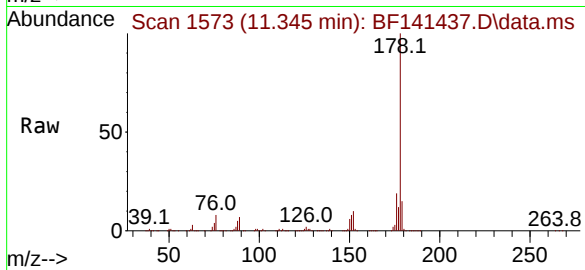
Tgt Ion:178 Resp: 755255

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 53.908 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

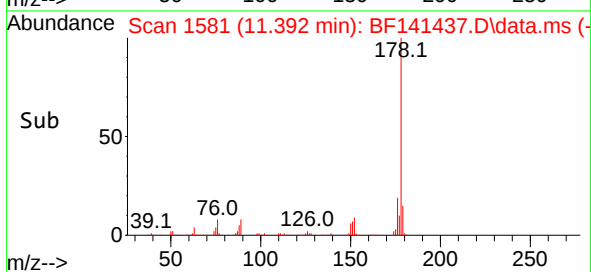
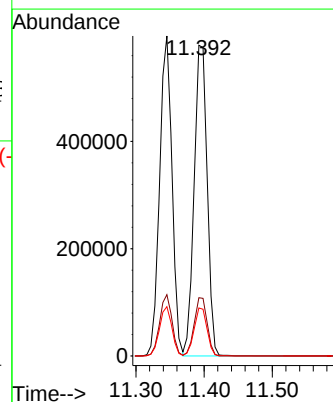
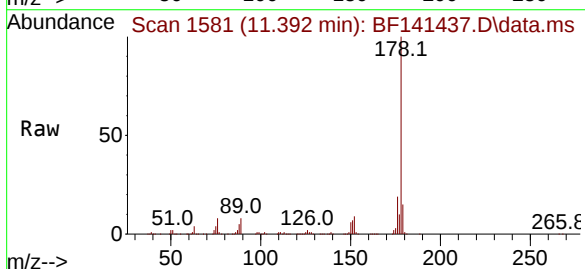
Tgt Ion:178 Resp: 765832

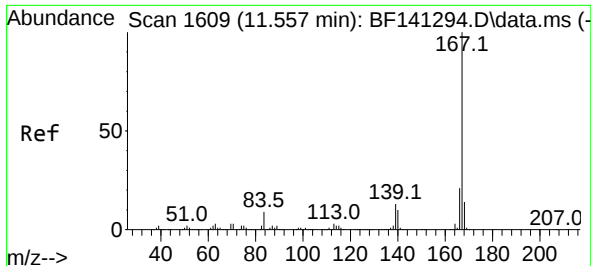
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.4 12.3 18.5

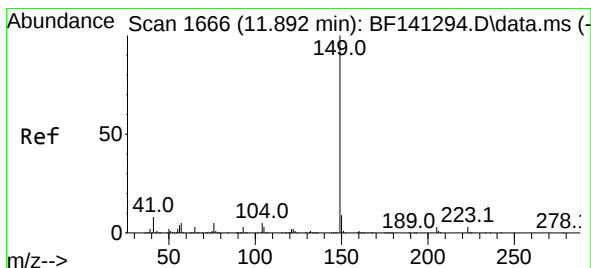
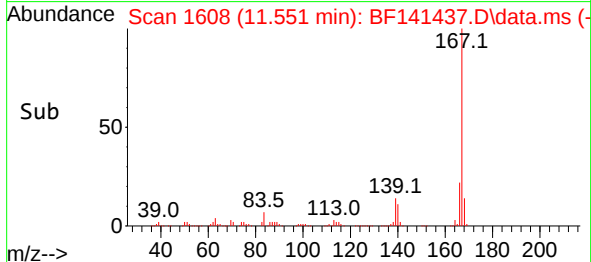
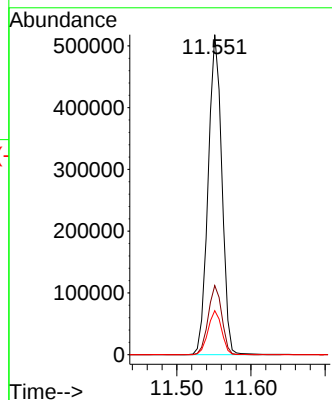
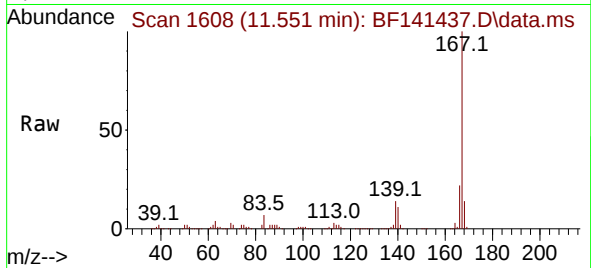




#73
Carbazole
Concen: 52.736 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

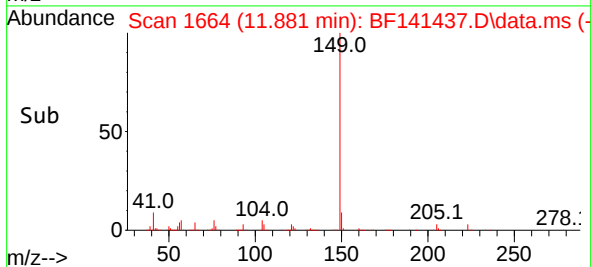
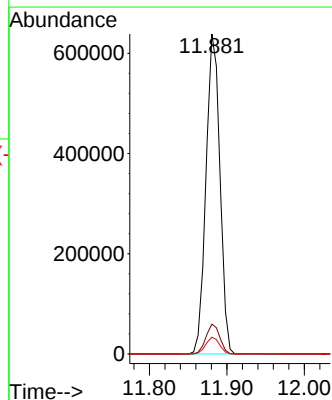
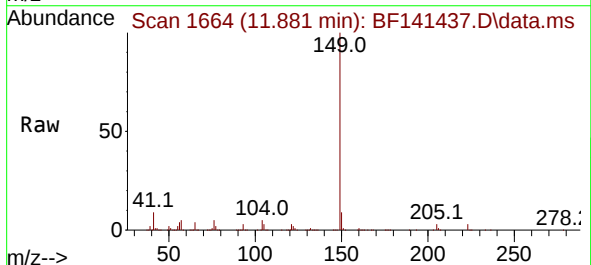
Instrument :
BNA_F
ClientSampleId :
PB166264BS

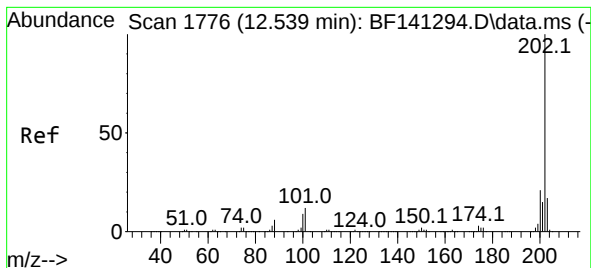
Tgt Ion:167 Resp: 664310
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.8 10.6 16.0



#74
Di-n-butylphthalate
Concen: 52.157 ng
RT: 11.881 min Scan# 1664
Delta R.T. -0.011 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:149 Resp: 796235
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 55.728 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

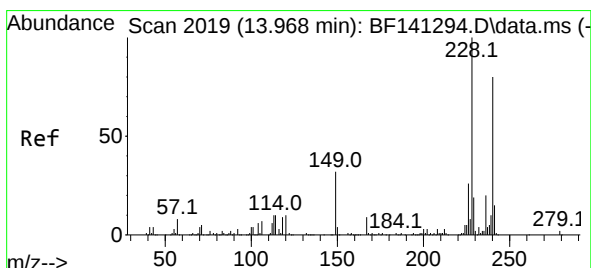
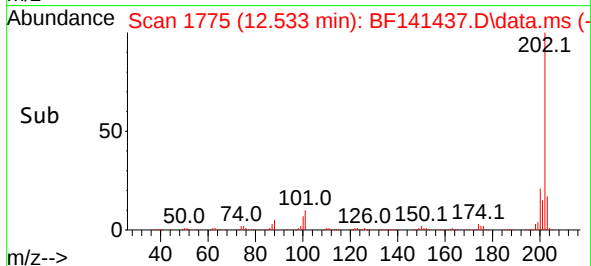
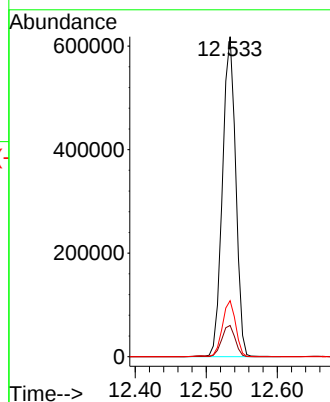
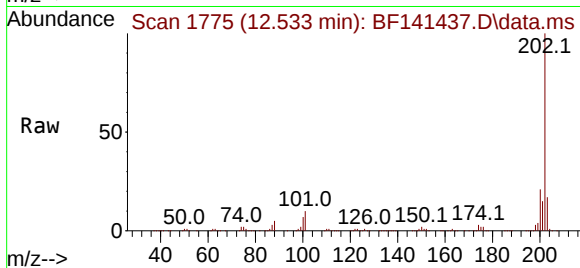
Tgt Ion:202 Resp: 797802

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.7

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

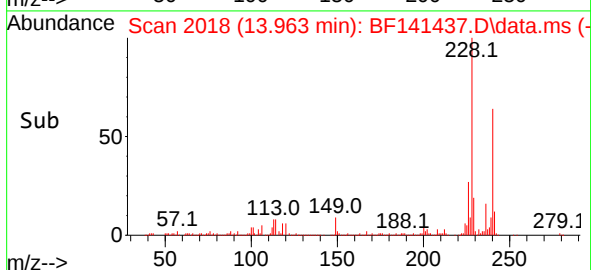
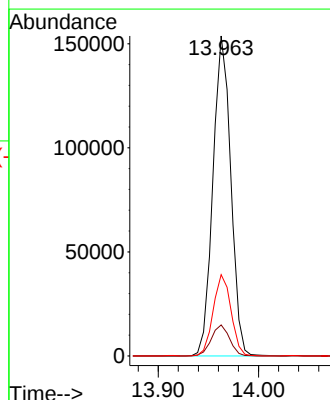
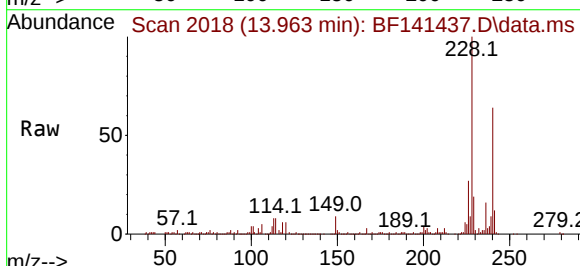
Tgt Ion:240 Resp: 190434

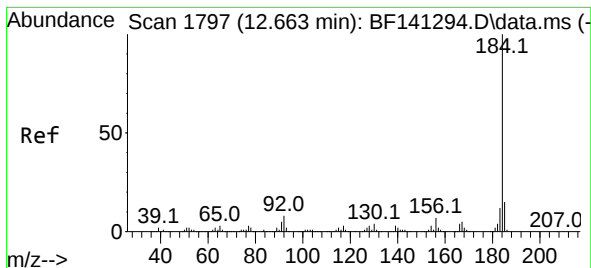
Ion Ratio Lower Upper

240 100

120 9.7 10.0 15.0#

236 25.4 19.7 29.5





#77

Benzidine

Concen: 26.763 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

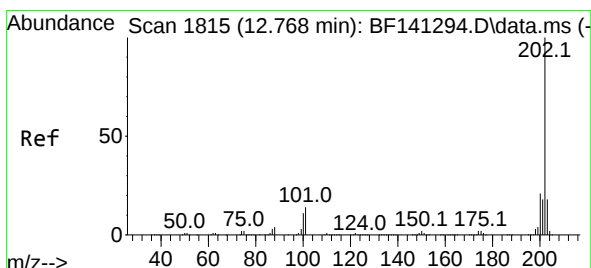
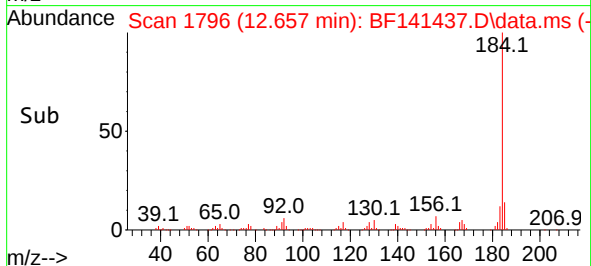
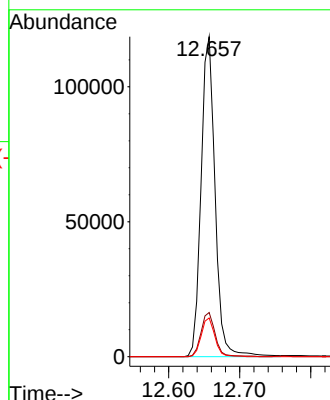
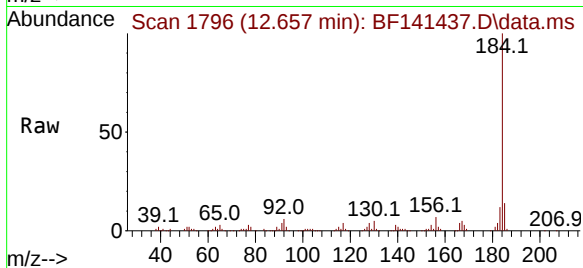
Tgt Ion:184 Resp: 163388

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 44.732 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

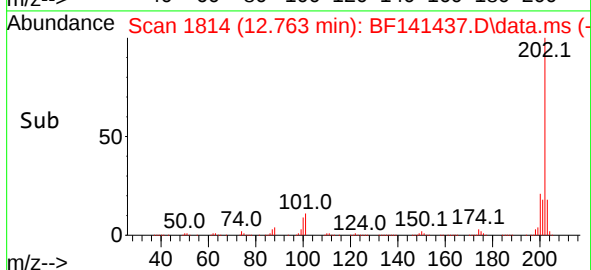
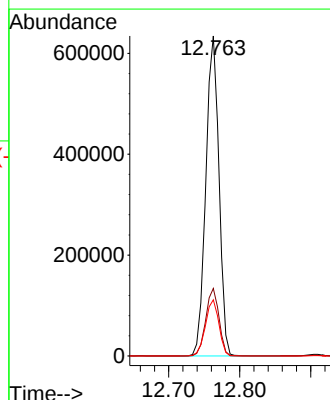
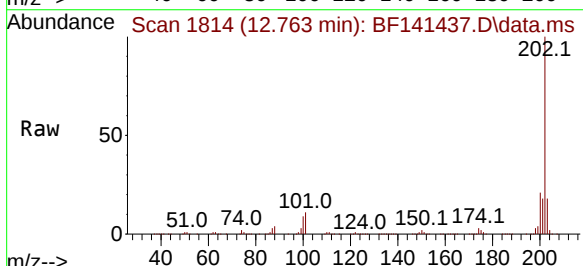
Tgt Ion:202 Resp: 817692

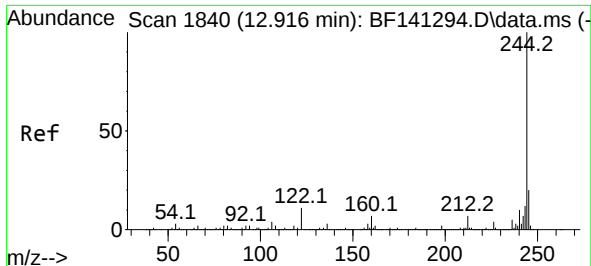
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.5 14.3 21.5

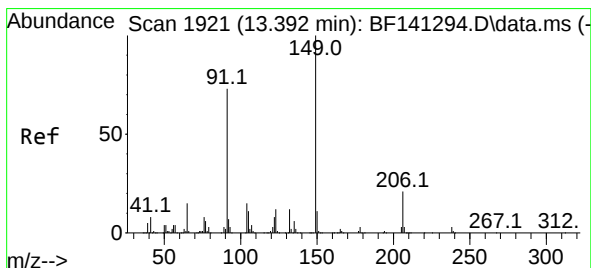
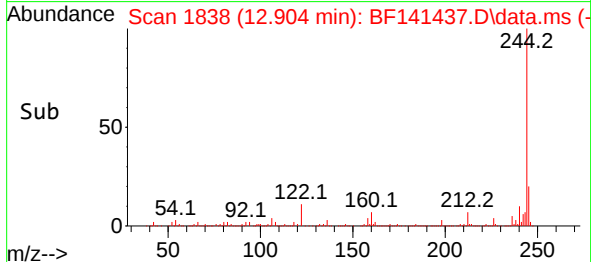
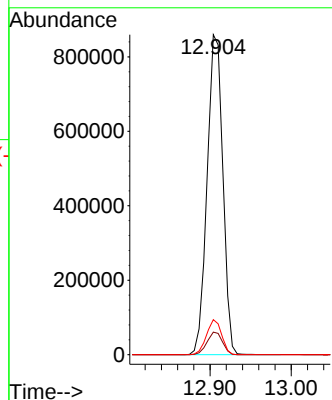
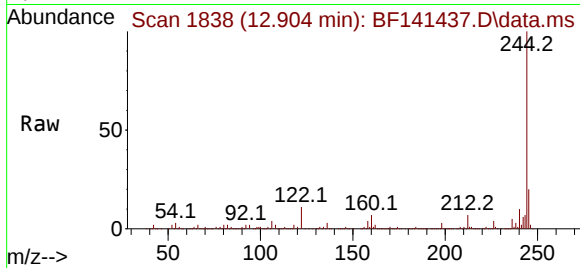




#79
 Terphenyl-d14
 Concen: 93.444 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

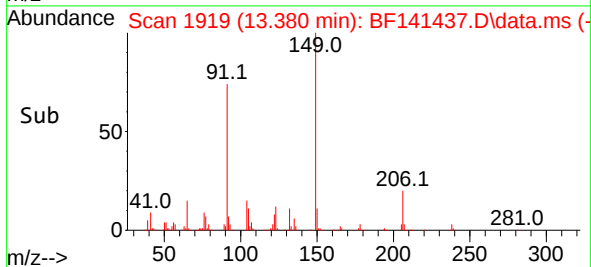
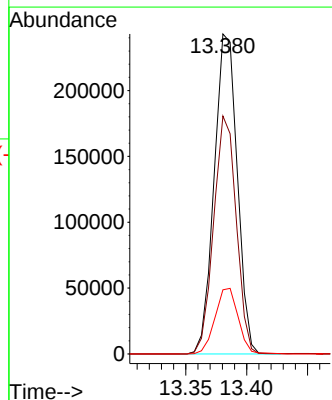
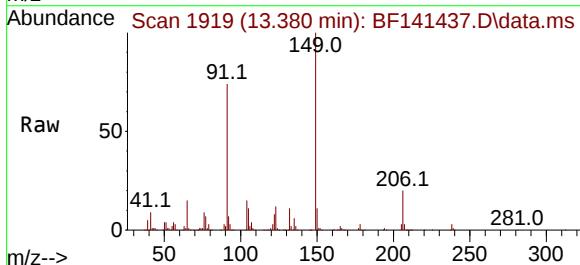
Instrument :
 BNA_F
 ClientSampleId :
 PB166264BS

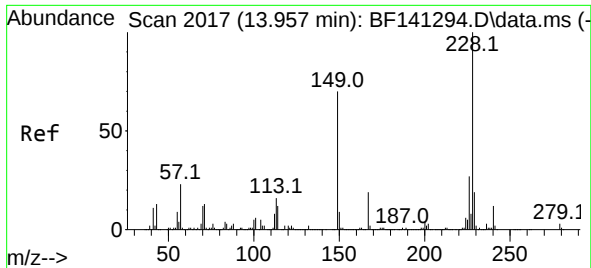
Tgt Ion:244 Resp: 1153872
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 50.185 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141437.D
 Acq: 05 Feb 2025 10:55

Tgt Ion:149 Resp: 320493
 Ion Ratio Lower Upper
 149 100
 91 74.4 58.6 87.8
 206 20.0 16.7 25.1

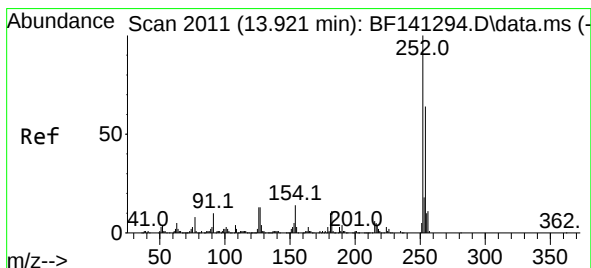
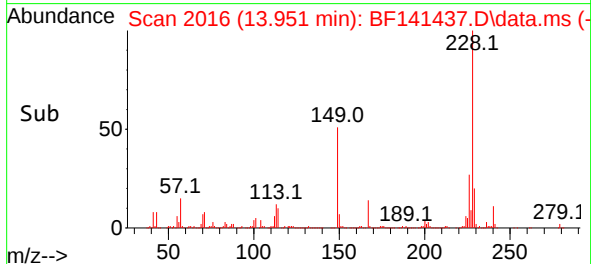
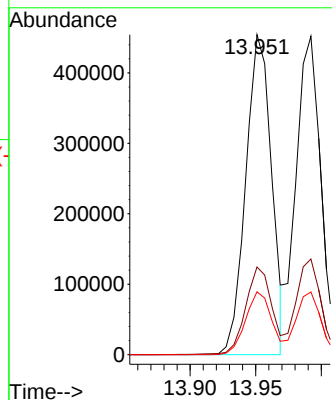
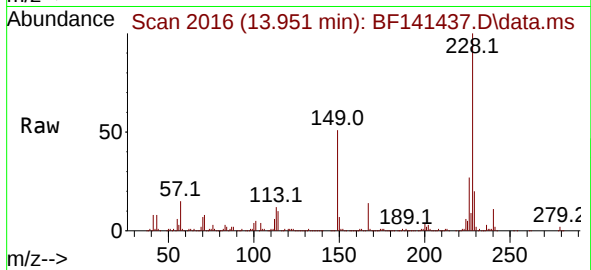




#81
Benzo(a)anthracene
Concen: 47.335 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

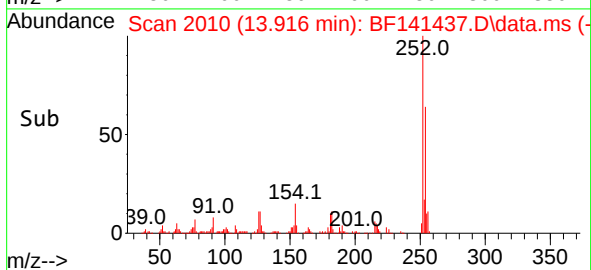
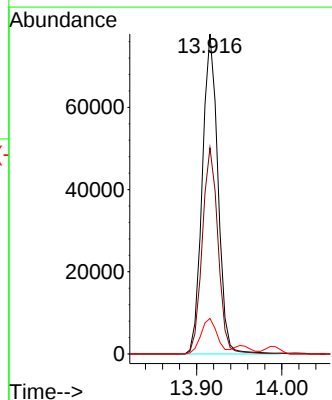
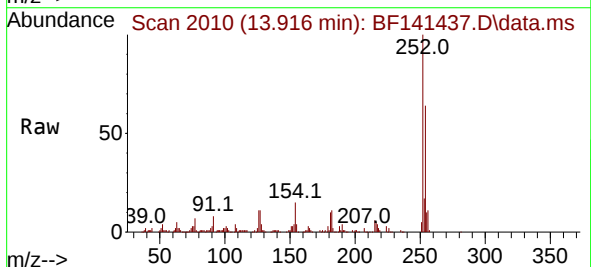
Instrument :
BNA_F
ClientSampleId :
PB166264BS

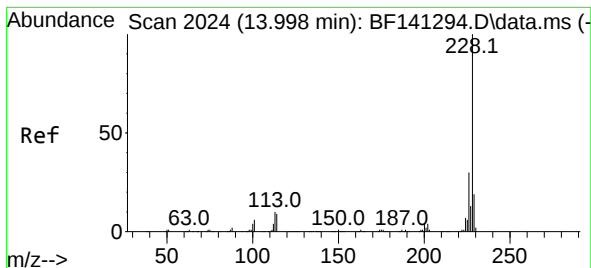
Tgt Ion:228 Resp: 622029
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 23.776 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:252 Resp: 99370
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 11.1 10.0 15.0





#83

Chrysene

Concen: 48.850 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

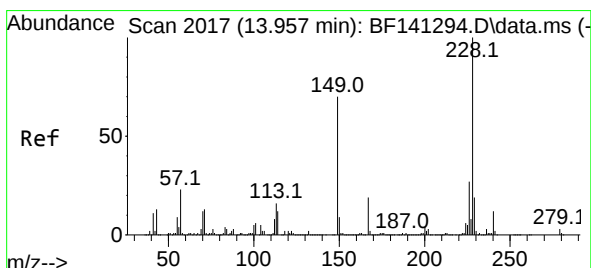
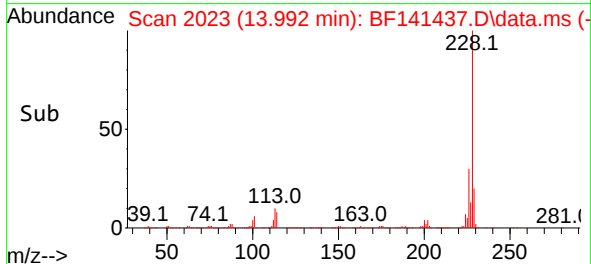
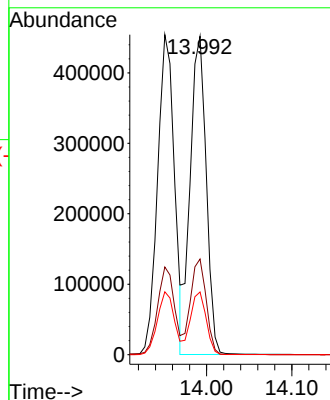
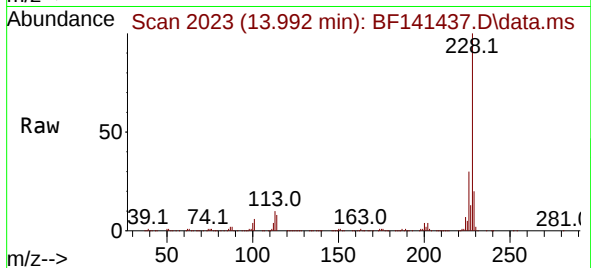
Tgt Ion:228 Resp: 588319

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.960 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

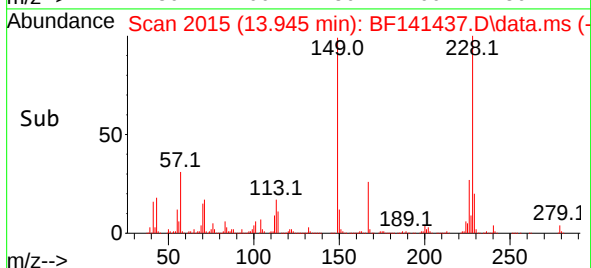
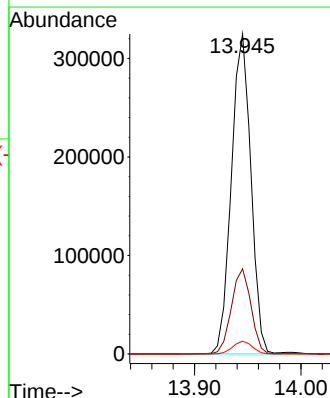
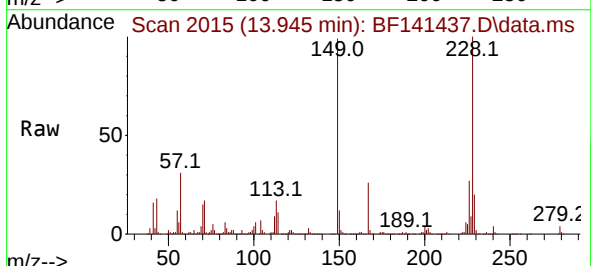
Tgt Ion:149 Resp: 412832

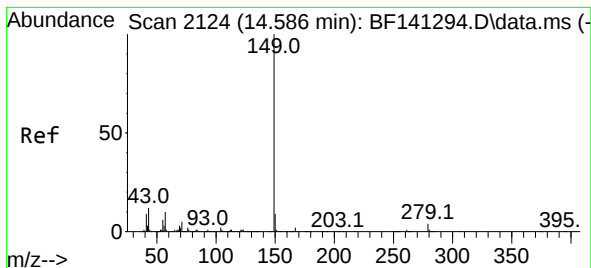
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.281 ng

RT: 14.569 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

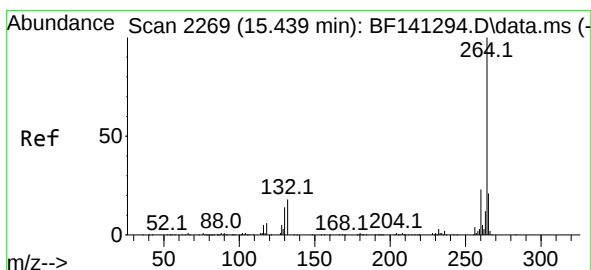
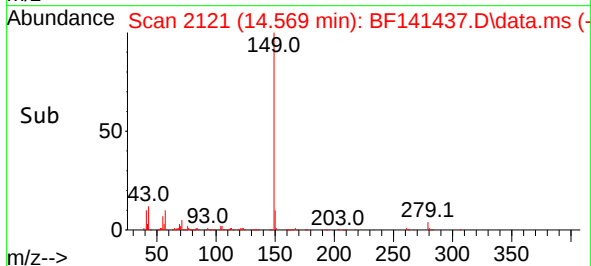
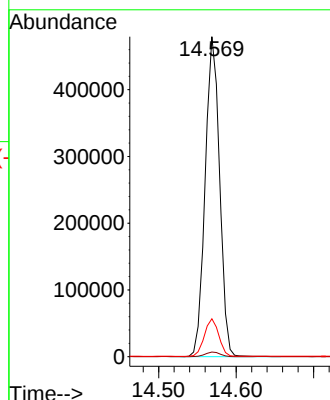
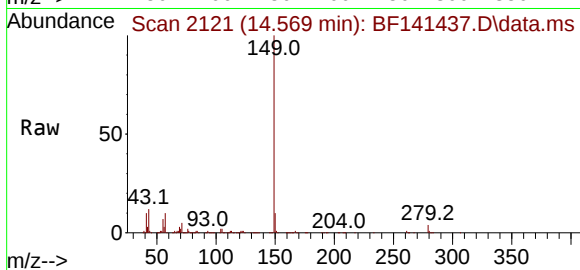
Tgt Ion:149 Resp: 620089

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

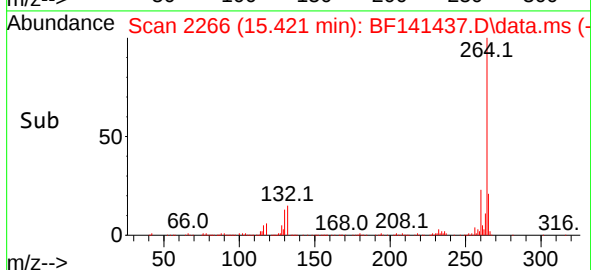
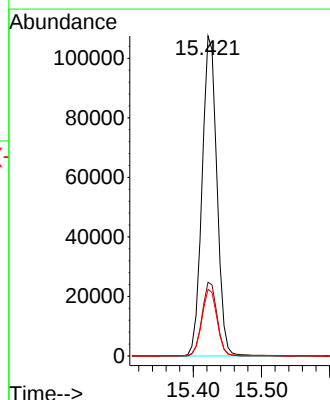
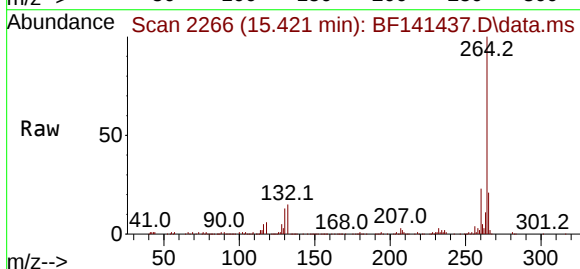
Tgt Ion:264 Resp: 162618

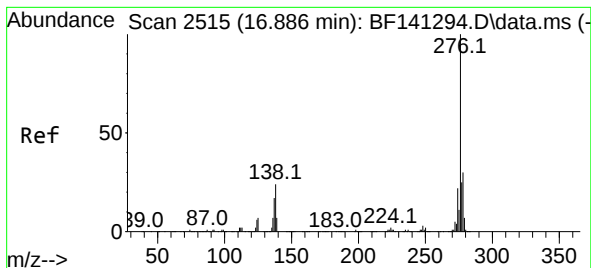
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.220 ng

RT: 16.874 min Scan# 2195

Delta R.T. -0.023 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

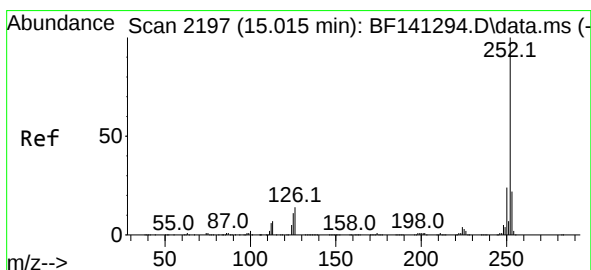
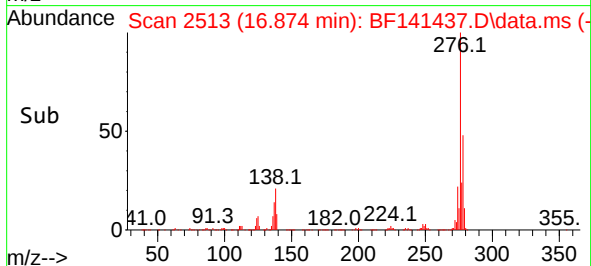
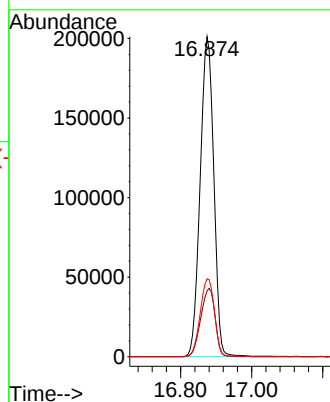
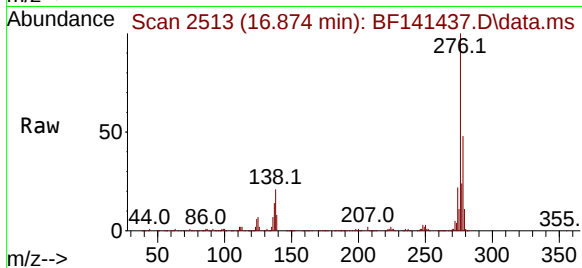
Tgt Ion:276 Resp: 537592

Ion Ratio Lower Upper

276 100

138 22.4 21.7 32.5

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 54.445 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

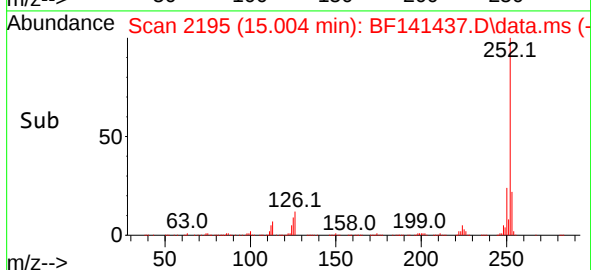
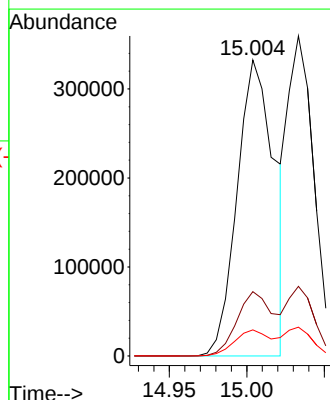
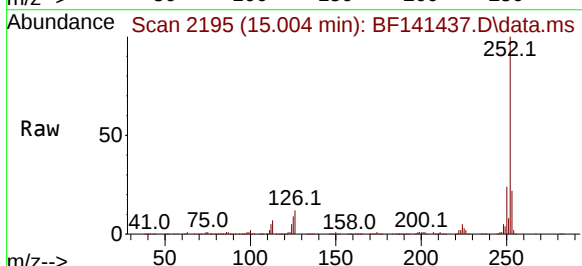
Tgt Ion:252 Resp: 556928

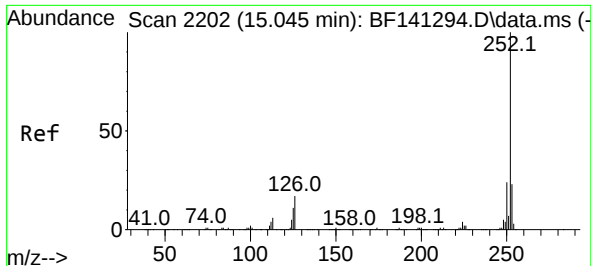
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.8 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 46.638 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166264BS

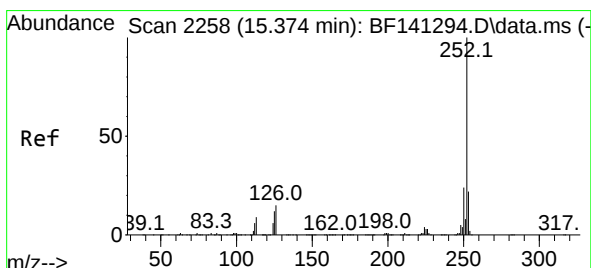
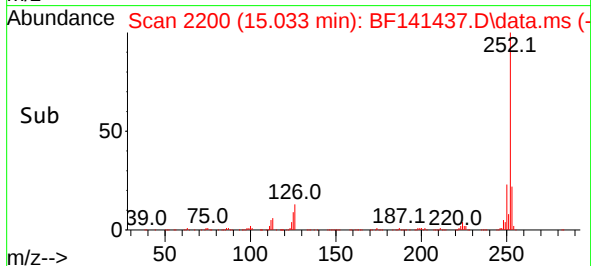
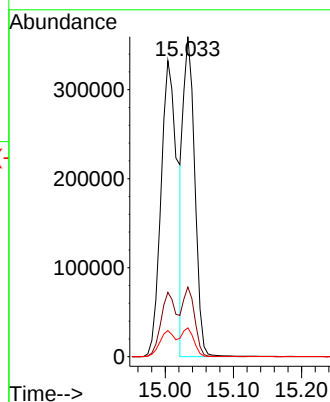
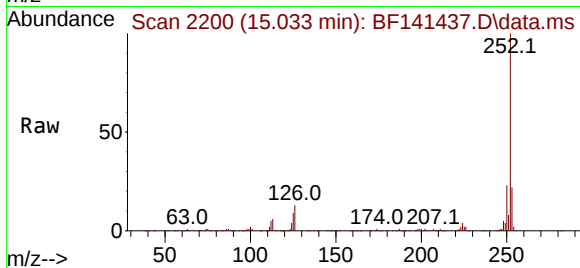
Tgt Ion:252 Resp: 422623

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.0 8.4 12.6



#90

Benzo(a)pyrene

Concen: 53.108 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141437.D

Acq: 05 Feb 2025 10:55

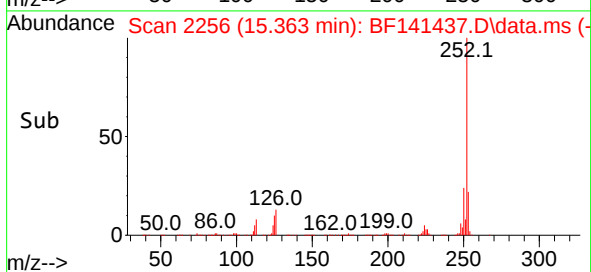
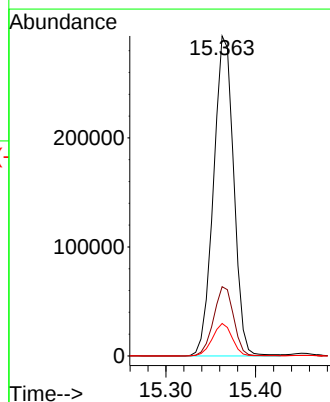
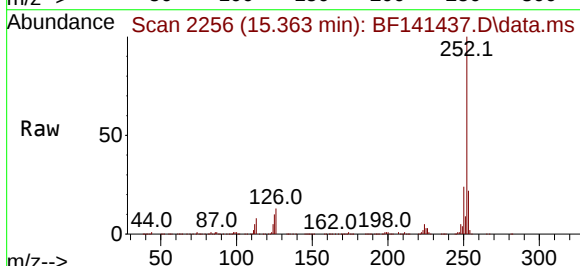
Tgt Ion:252 Resp: 459067

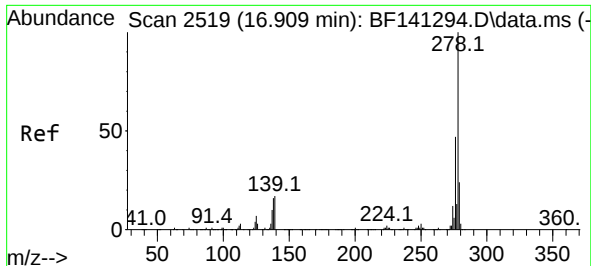
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.1 9.4 14.2

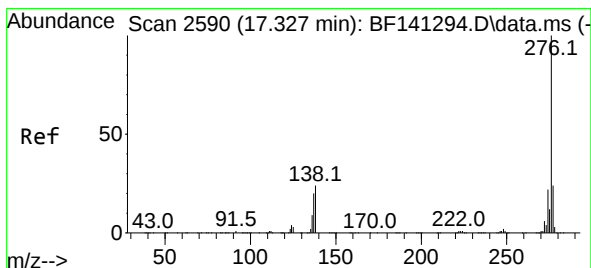
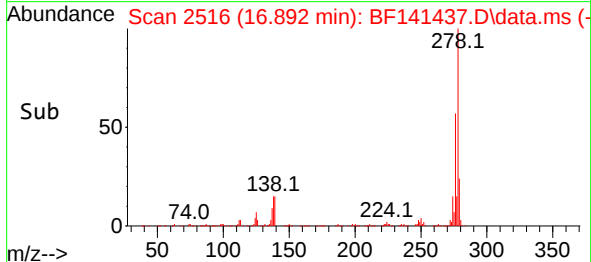
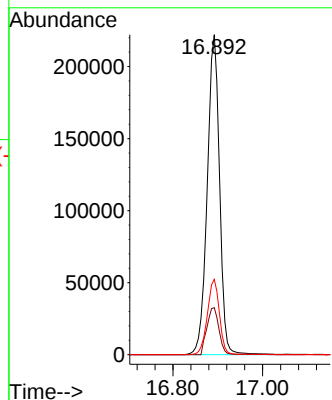
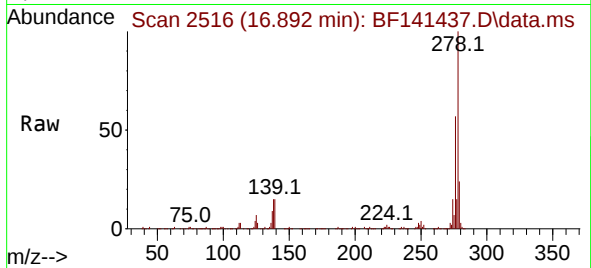




#91
Dibenzo(a,h)anthracene
Concen: 50.137 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166264BS

Tgt Ion:278 Resp: 423370
Ion Ratio Lower Upper
278 100
139 14.7 13.9 20.9
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.833 ng
RT: 17.310 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141437.D
Acq: 05 Feb 2025 10:55

Tgt Ion:276 Resp: 402423
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 19.2 19.0 28.4

