

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141837.D
 Acq On : 05 Mar 2025 11:09
 Operator : RC/JU
 Sample : PB166970BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166970BS

Quant Time: Mar 05 11:41:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	246395	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	963244	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	528441	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	907213	20.000	ng	0.00
76) Chrysene-d12	14.045	240	588159	20.000	ng	0.00
86) Perylene-d12	15.515	264	530080	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2076762	134.604	ng	0.02
7) Phenol-d6	6.510	99	2614984	130.216	ng	0.00
23) Nitrobenzene-d5	7.445	82	1698269	112.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	810133	163.297	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3049329	92.526	ng	0.00
79) Terphenyl-d14	12.992	244	3594001	98.864	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.793	88	292229	41.743	ng 99
3) Pyridine	3.546	79	717868	41.213	ng 99
4) n-Nitrosodimethylamine	3.493	42	368870	44.012	ng 97
6) Aniline	6.551	93	647700	31.024	ng 100
8) 2-Chlorophenol	6.669	128	760147	45.544	ng 97
9) Benzaldehyde	6.434	77	280876	24.045	ng 100
10) Phenol	6.522	94	923649	43.042	ng 99
11) bis(2-Chloroethyl)ether	6.622	93	690465	42.211	ng 97
12) 1,3-Dichlorobenzene	6.828	146	778962	43.581	ng 99
13) 1,4-Dichlorobenzene	6.904	146	787342	43.718	ng 99
14) 1,2-Dichlorobenzene	7.057	146	759495	45.162	ng 99
15) Benzyl Alcohol	7.022	79	677429	42.209	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	994320	40.026	ng 99
17) 2-Methylphenol	7.134	107	617275	44.806	ng 100
18) Hexachloroethane	7.398	117	292591	43.406	ng 97
19) n-Nitroso-di-n-propyla...	7.298	70	522803	39.603	ng 99
20) 3+4-Methylphenols	7.281	107	762603	44.454	ng 96
22) Acetophenone	7.292	105	1116413	47.588	ng 99
24) Nitrobenzene	7.463	77	798747	49.497	ng 99
25) Isophorone	7.704	82	1425008	44.016	ng 99
26) 2-Nitrophenol	7.781	139	382061	52.525	ng 98
27) 2,4-Dimethylphenol	7.810	122	667567	56.095	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	850689	41.192	ng 100
29) 2,4-Dichlorophenol	8.016	162	620682	45.209	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	665487	44.236	ng 99
31) Naphthalene	8.186	128	2149639	43.421	ng 99
32) Benzoic acid	7.928	122	548592	54.072	ng 97
33) 4-Chloroaniline	8.228	127	228083	12.565	ng 98
34) Hexachlorobutadiene	8.304	225	407388	43.578	ng 99
35) Caprolactam	8.604	113	125856	29.799	ng 92
36) 4-Chloro-3-methylphenol	8.710	107	689518	45.211	ng 98
37) 2-Methylnaphthalene	8.880	142	1340824	41.291	ng 100
38) 1-Methylnaphthalene	8.980	142	1319465	42.348	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	721490	47.274	ng 99
41) Hexachlorocyclopentadiene	9.033	237	914175	143.530	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	458853	46.543	ng 99

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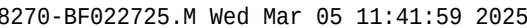
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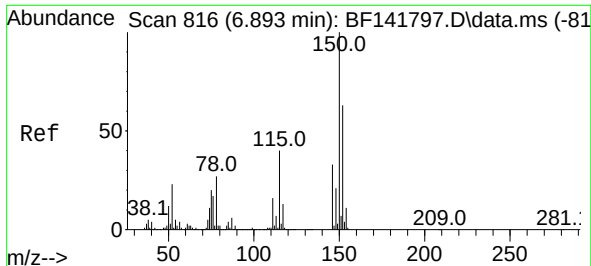
Quant Time: Mar 05 11:41:48 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	478201	48.985	ng	98
46) 1,1'-Biphenyl	9.345	154	1903841	47.332	ng	99
47) 2-Chloronaphthalene	9.369	162	1314952	44.293	ng	99
48) 2-Nitroaniline	9.457	65	428286	52.279	ng	98
49) Acenaphthylene	9.786	152	2063328	46.356	ng	100
50) Dimethylphthalate	9.645	163	1547672	43.734	ng	99
51) 2,6-Dinitrotoluene	9.704	165	345814	50.900	ng	93
52) Acenaphthene	9.957	154	1504280	50.086	ng	99
53) 3-Nitroaniline	9.869	138	198326	28.770	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	406725	114.101	ng	# 1
55) Dibenzofuran	10.127	168	1869323	42.763	ng	100
56) 4-Nitrophenol	10.027	139	676987	129.524	ng	96
57) 2,4-Dinitrotoluene	10.104	165	473712	56.606	ng	97
58) Fluorene	10.469	166	1435853	43.850	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	405913	47.809	ng	99
60) Diethylphthalate	10.345	149	1500999	42.309	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	693530	42.273	ng	99
62) 4-Nitroaniline	10.486	138	374478	61.964	ng	95
63) Azobenzene	10.622	77	1497236	40.082	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	257695	58.235	ng	96
66) n-Nitrosodiphenylamine	10.580	169	1307870	43.903	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	448387	42.314	ng	98
68) Hexachlorobenzene	11.016	284	497585	44.468	ng	99
69) Atrazine	11.104	200	509505	62.195	ng	100
70) Pentachlorophenol	11.210	266	674642	95.061	ng	99
71) Phenanthrene	11.433	178	2199181	45.319	ng	99
72) Anthracene	11.486	178	2241244	46.083	ng	100
73) Carbazole	11.633	167	2005738	46.701	ng	100
74) Di-n-butylphthalate	11.969	149	2233666	41.030	ng	100
75) Fluoranthene	12.616	202	2316260	46.583	ng	99
77) Benzidine	12.739	184	732768	98.985	ng	100
78) Pyrene	12.845	202	2363583	46.408	ng	100
80) Butylbenzylphthalate	13.463	149	885352	47.846	ng	99
81) Benzo(a)anthracene	14.033	228	1768789	45.530	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	289893	26.009	ng	100
83) Chrysene	14.068	228	1641298	45.831	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1106877	48.040	ng	99
85) Di-n-octyl phthalate	14.633	149	1556856	45.133	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1646356	48.775	ng	98
88) Benzo(b)fluoranthene	15.086	252	1518600	42.058	ng	99
89) Benzo(k)fluoranthene	15.115	252	1391500	45.341	ng	99
90) Benzo(a)pyrene	15.457	252	1371079	47.348	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1317720	47.827	ng	98
92) Benzo(g,h,i)perylene	17.462	276	1280496	45.366	ng	98

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

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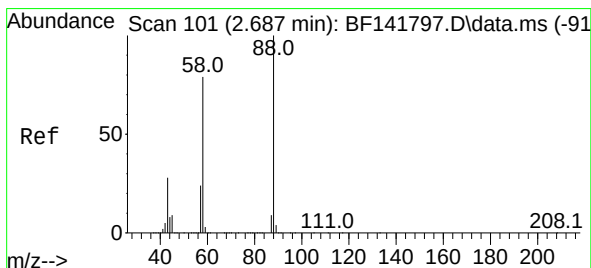
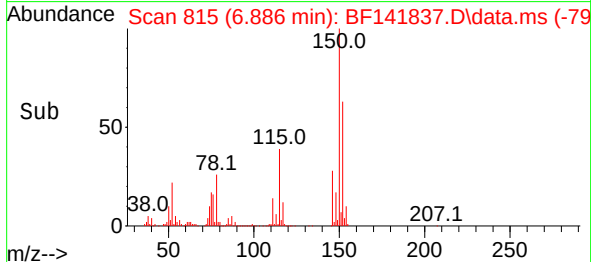
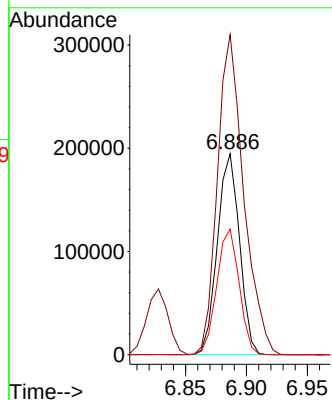
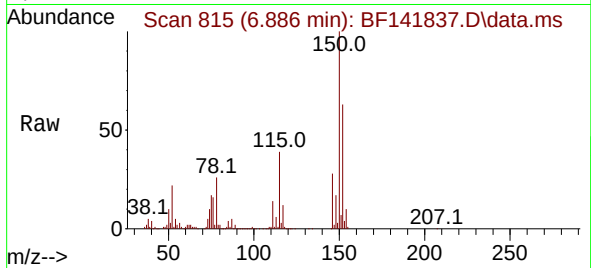




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

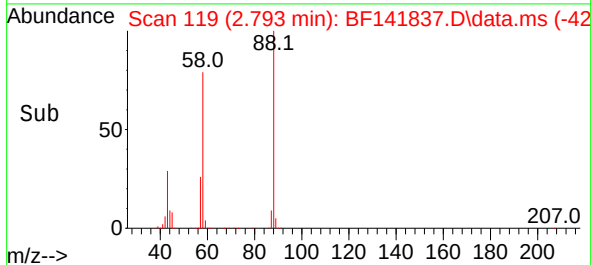
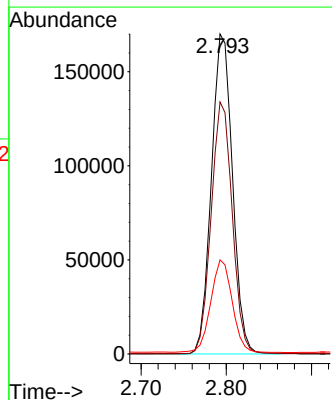
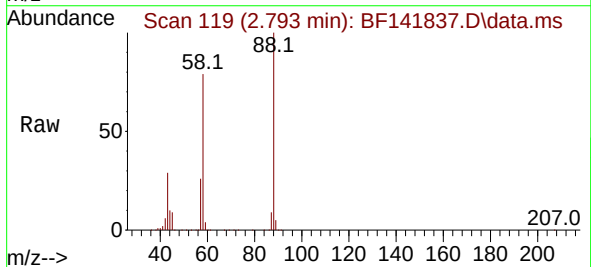
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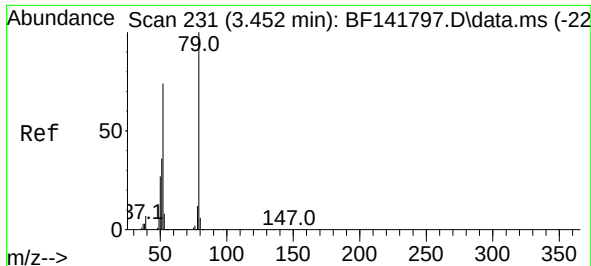
Tgt Ion:152 Resp: 246395
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.5 191.3
 115 62.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 41.743 ng
 RT: 2.793 min Scan# 119
 Delta R.T. 0.106 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

Tgt Ion: 88 Resp: 292229
 Ion Ratio Lower Upper
 88 100
 58 78.6 63.9 95.9
 43 29.5 23.0 34.6

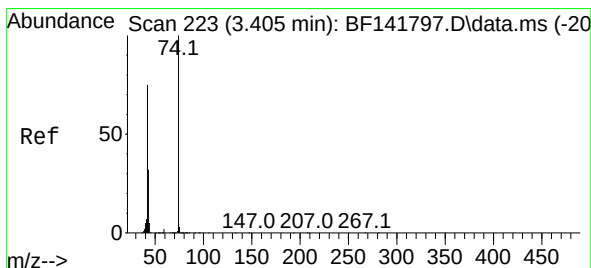
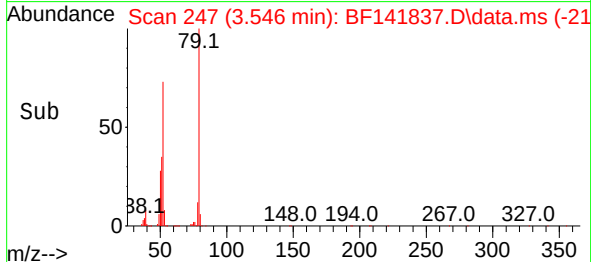
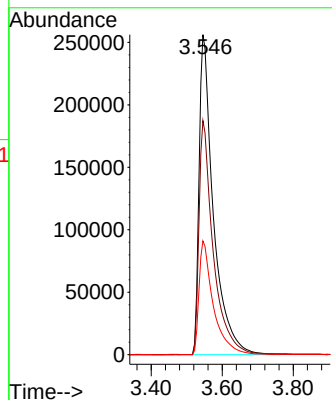
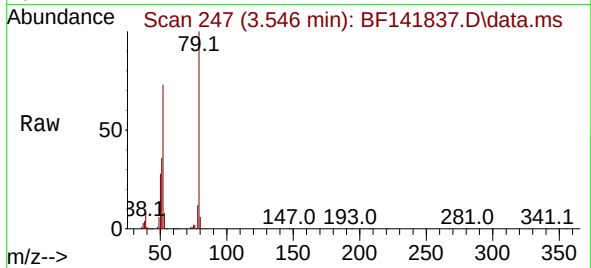




#3
Pyridine
Concen: 41.213 ng
RT: 3.546 min Scan# 241
Delta R.T. 0.094 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

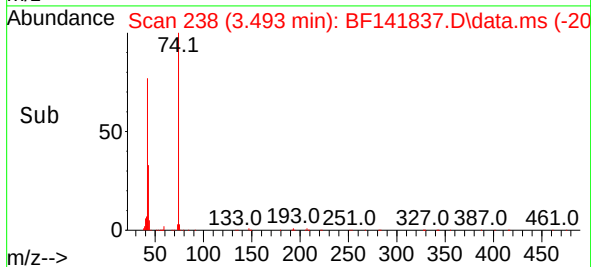
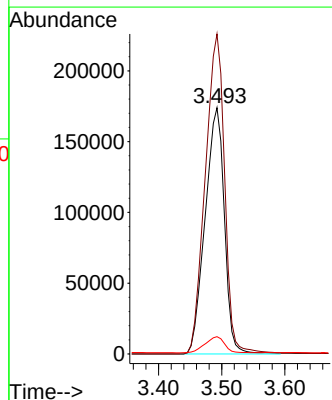
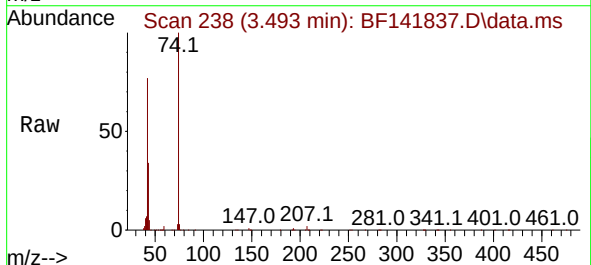
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ClientSampleId :
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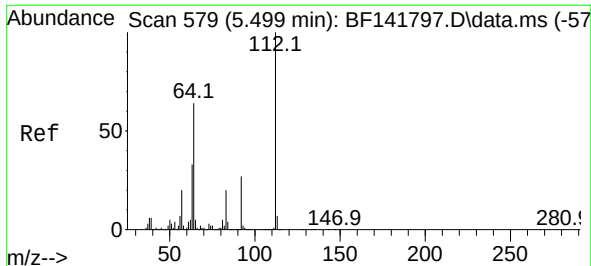
Tgt Ion: 79 Resp: 717868
Ion Ratio Lower Upper
79 100
52 73.2 59.0 88.4
51 35.6 29.0 43.4



#4
n-Nitrosodimethylamine
Concen: 44.012 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.088 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion: 42 Resp: 368870
Ion Ratio Lower Upper
42 100
74 129.9 107.1 160.7
44 7.0 6.6 9.8

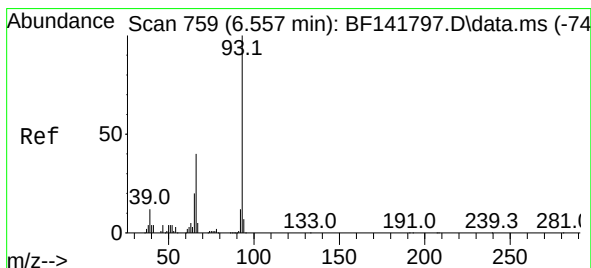
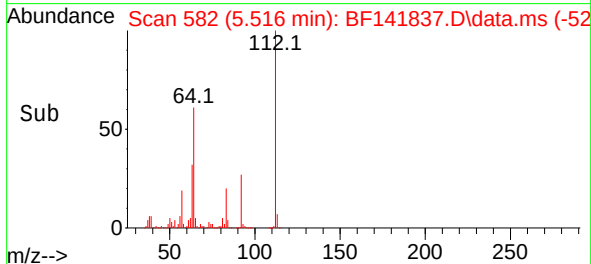
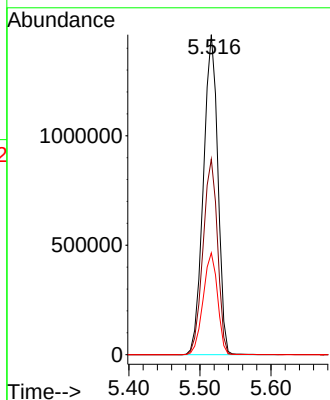
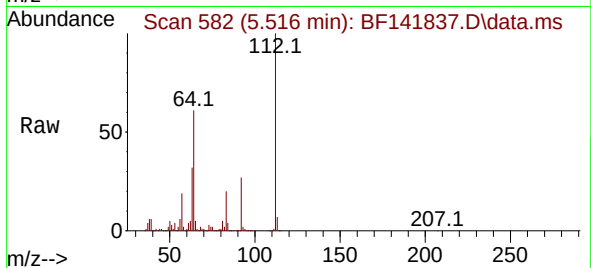




#5
2-Fluorophenol
Concen: 134.604 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

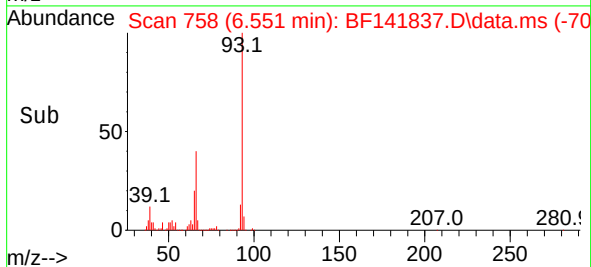
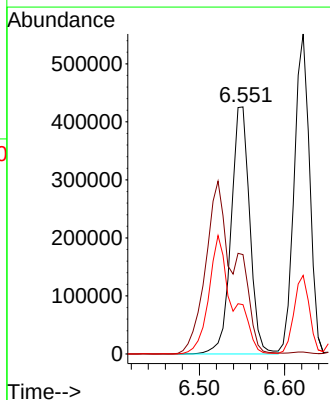
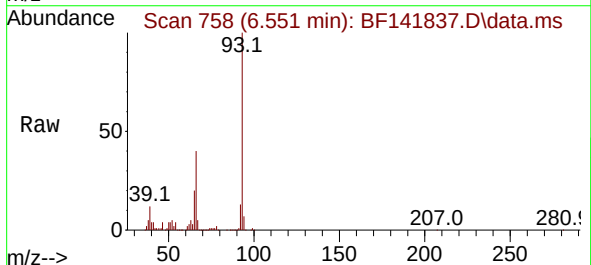
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ClientSampleId :
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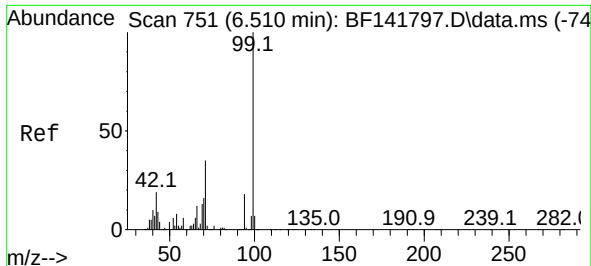
Tgt Ion:112 Resp: 2076762
Ion Ratio Lower Upper
112 100
64 61.1 51.3 76.9
63 31.8 26.2 39.4



#6
Aniline
Concen: 31.024 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion: 93 Resp: 647700
Ion Ratio Lower Upper
93 100
66 40.2 32.3 48.5
65 19.9 15.9 23.9

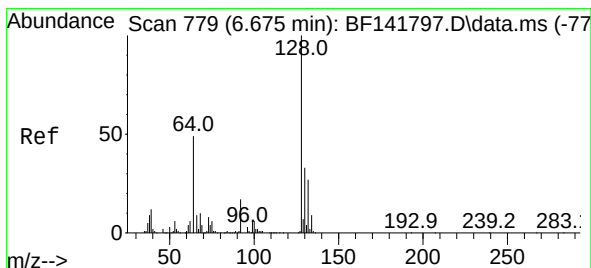
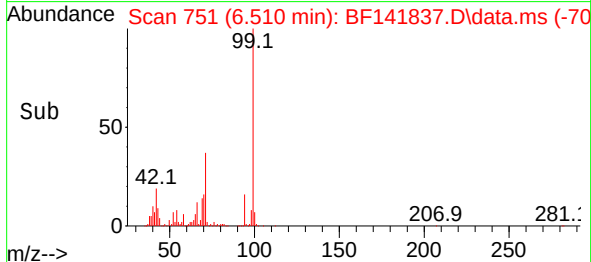
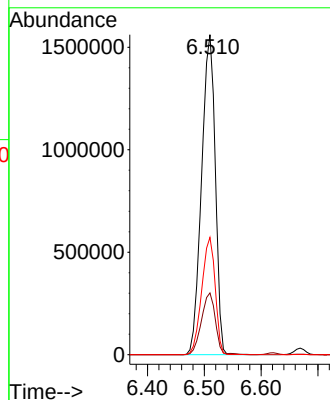
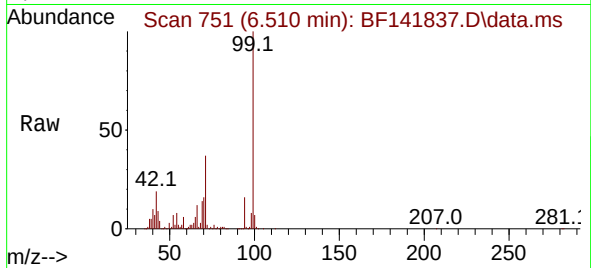




#7
Phenol-d6
Concen: 130.216 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

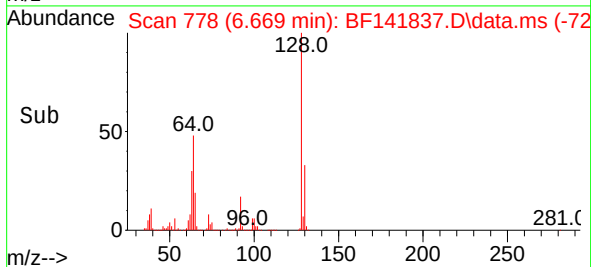
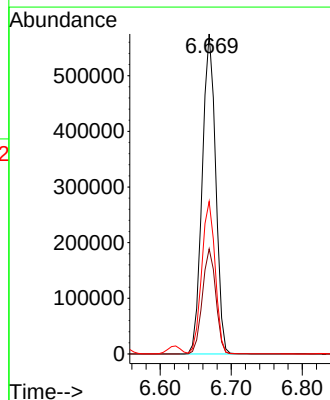
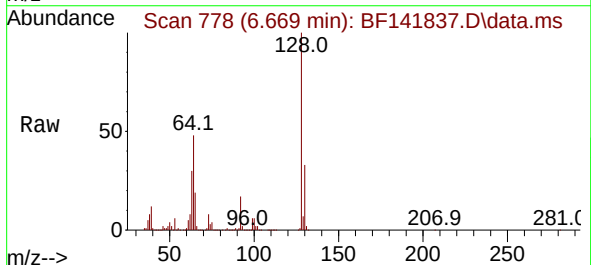
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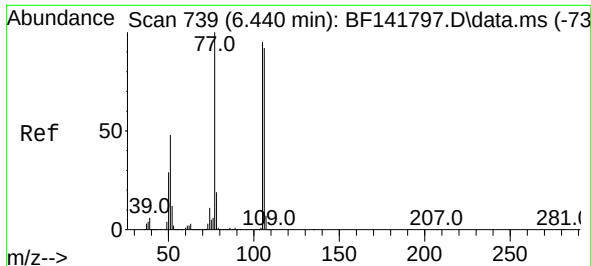
Tgt Ion: 99 Resp: 2614984
Ion Ratio Lower Upper
99 100
42 19.3 15.2 22.8
71 36.6 28.2 42.2



#8
2-Chlorophenol
Concen: 45.544 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:128 Resp: 760147
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 47.7 31.1 71.1

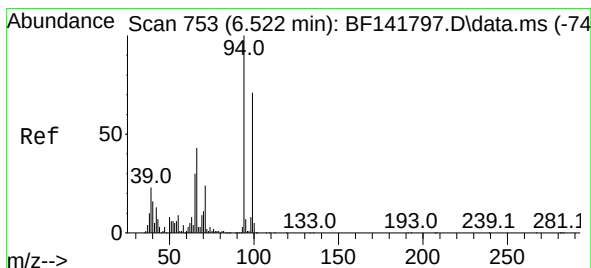
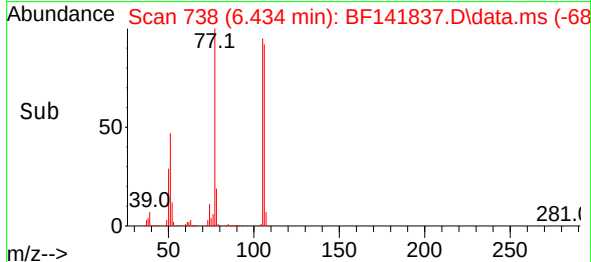
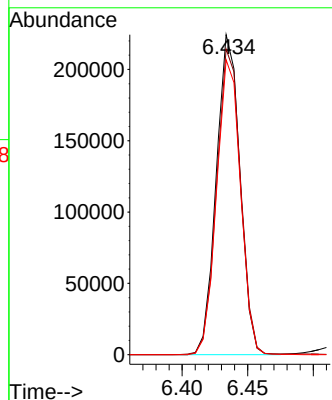
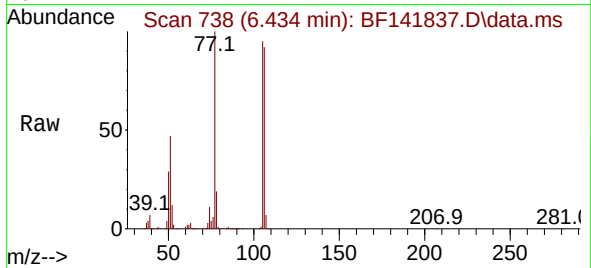




#9
Benzaldehyde
Concen: 24.045 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

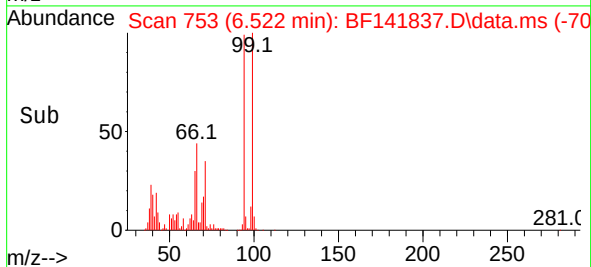
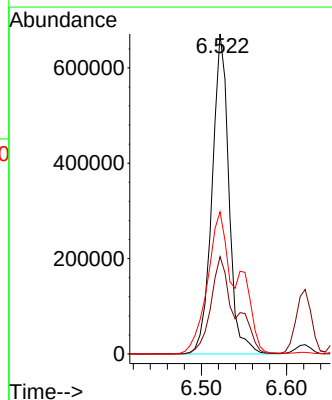
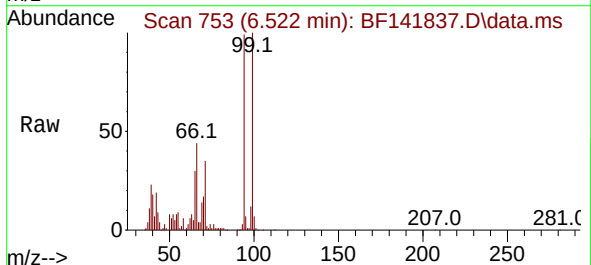
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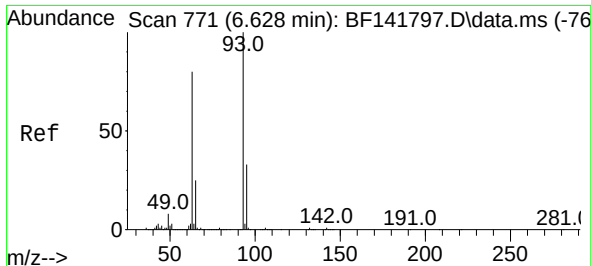
Tgt Ion: 77 Resp: 280876
Ion Ratio Lower Upper
77 100
105 95.5 75.3 115.3
106 92.1 72.3 112.3



#10
Phenol
Concen: 43.042 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion: 94 Resp: 923649
Ion Ratio Lower Upper
94 100
65 30.4 10.2 50.2
66 44.4 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 42.211 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

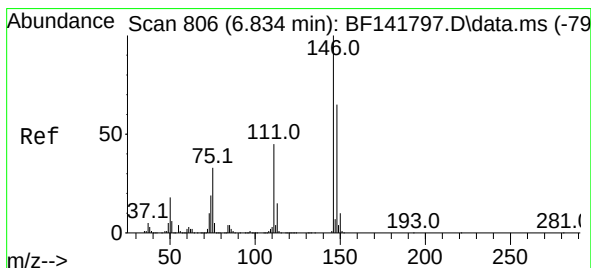
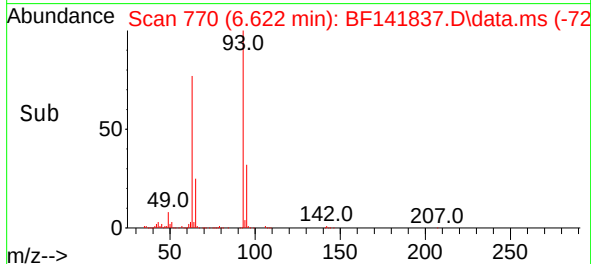
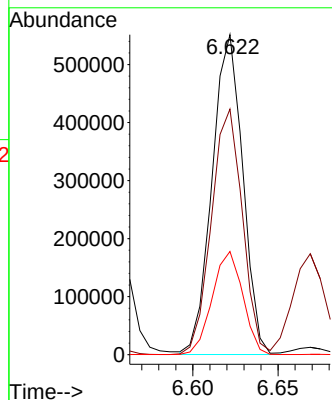
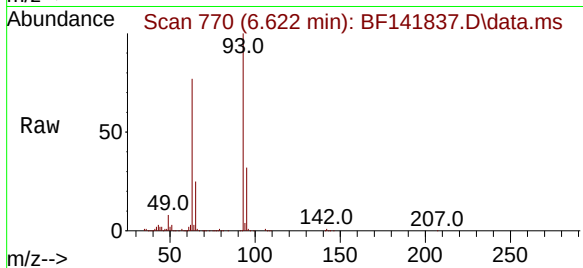
Tgt Ion: 93 Resp: 690465

Ion Ratio Lower Upper

93 100

63 76.8 59.3 99.3

95 32.2 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 43.581 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

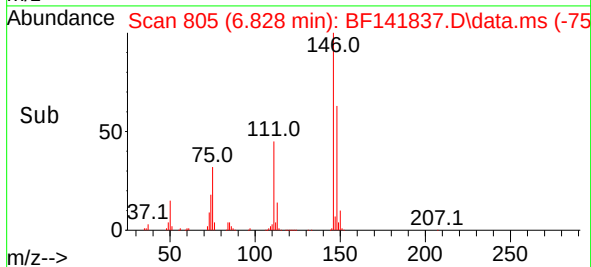
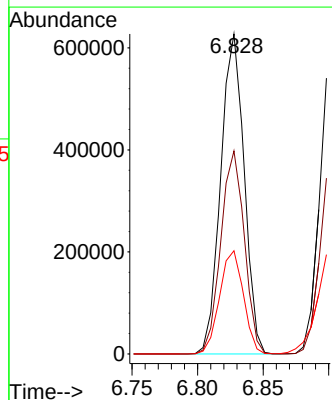
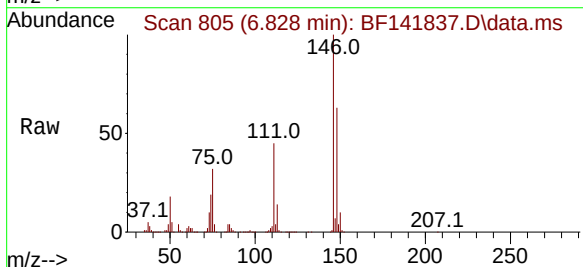
Tgt Ion:146 Resp: 778962

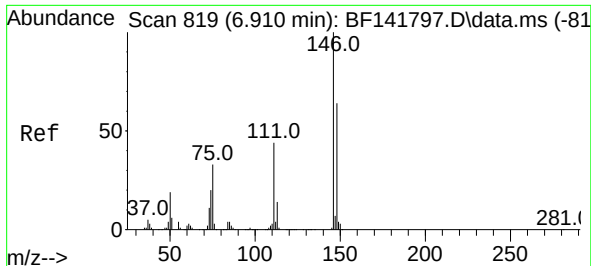
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 32.3 26.2 39.4

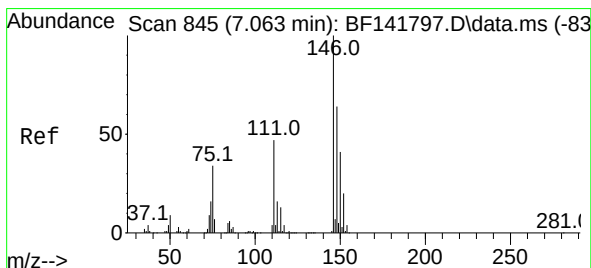
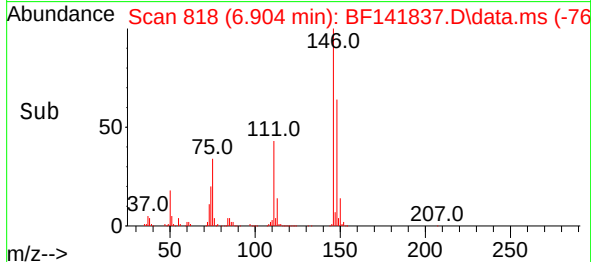
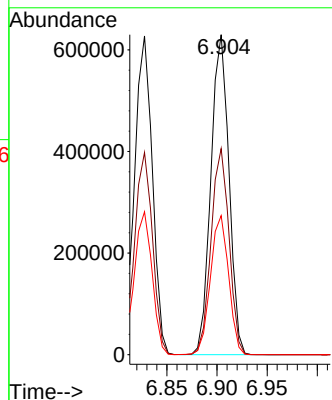
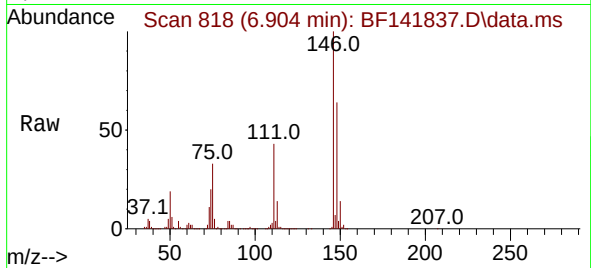




#13
1,4-Dichlorobenzene
Concen: 43.718 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

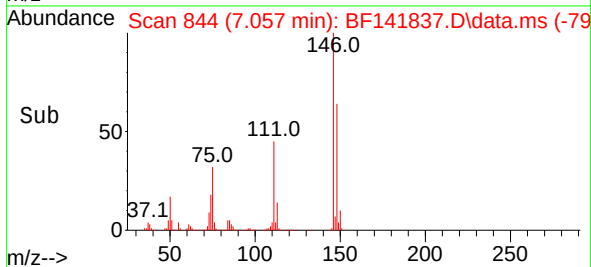
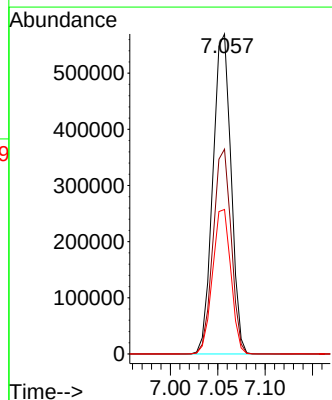
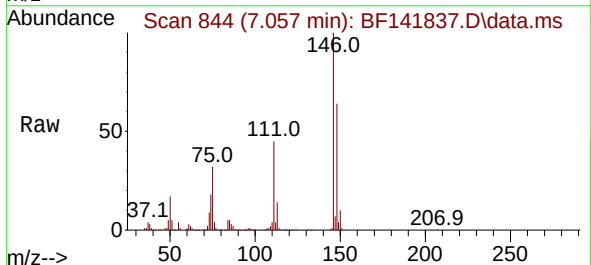
Instrument :
BNA_F
ClientSampleId :
PB166970BS

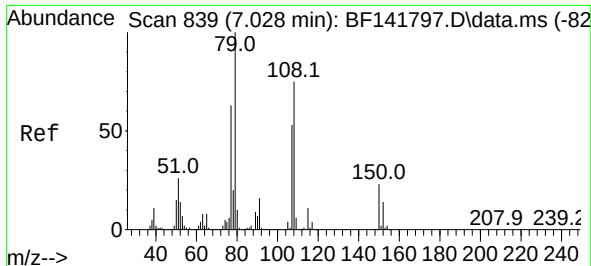
Tgt Ion:146 Resp: 787342
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 43.5 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 45.162 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:146 Resp: 759495
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 45.2 37.8 56.6

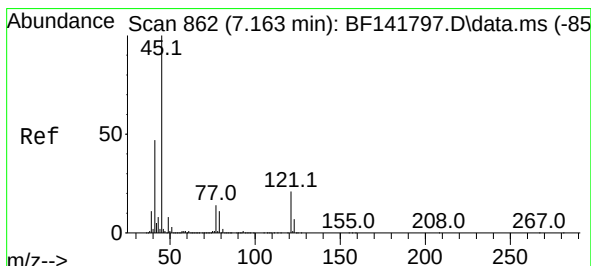
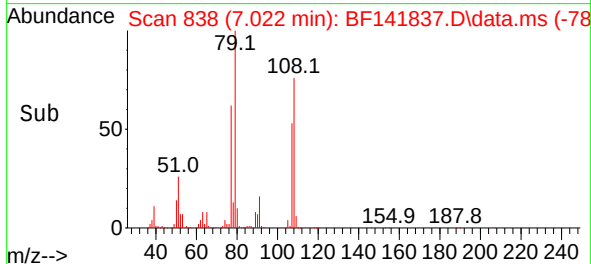
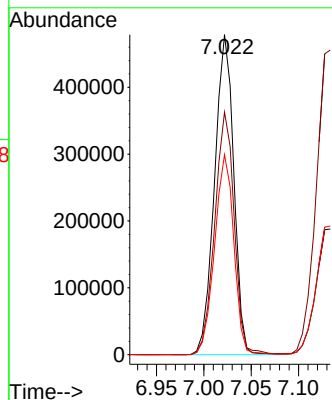
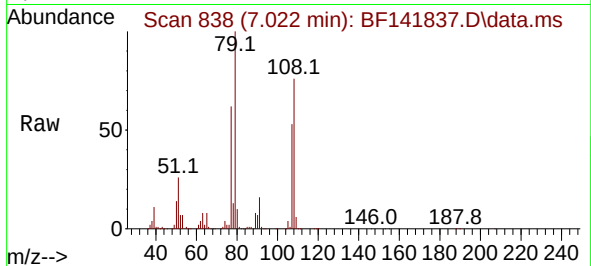




#15
Benzyl Alcohol
Concen: 42.209 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

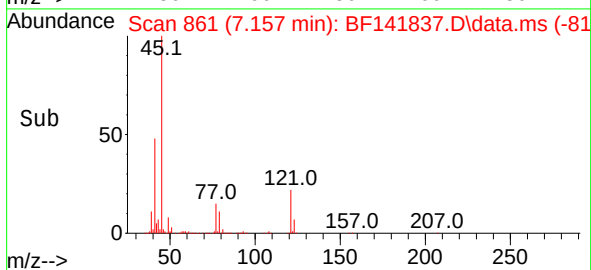
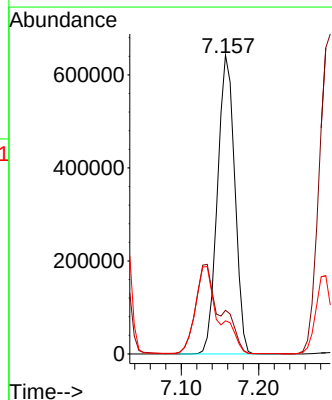
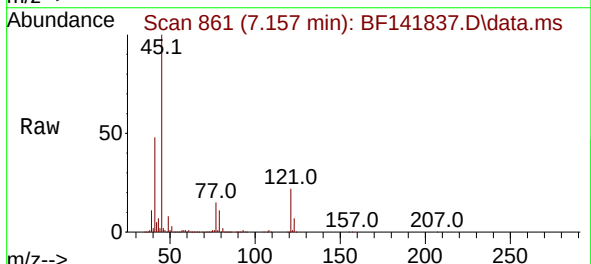
Instrument :
BNA_F
ClientSampleId :
PB166970BS

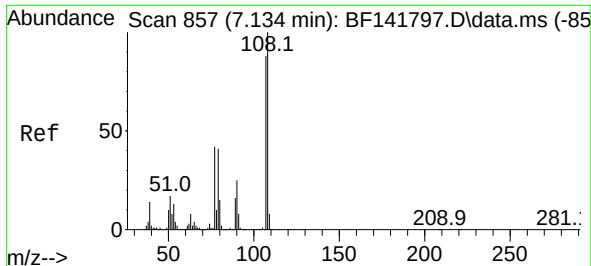
Tgt Ion: 79 Resp: 677429
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.2
77 62.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.026 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

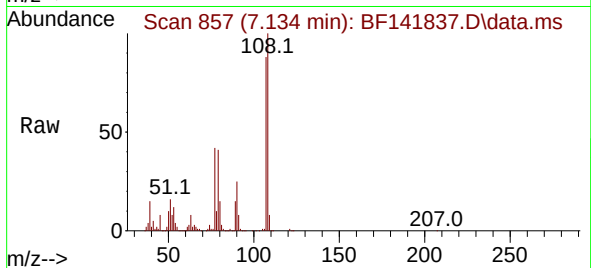
Tgt Ion: 45 Resp: 994320
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.4
79 11.1 0.0 30.9





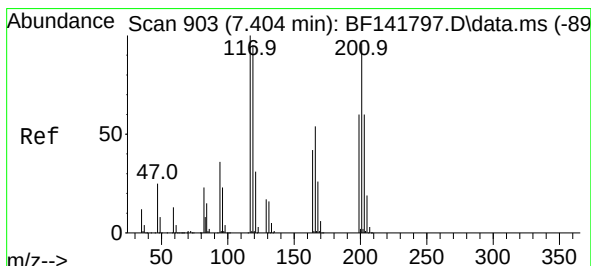
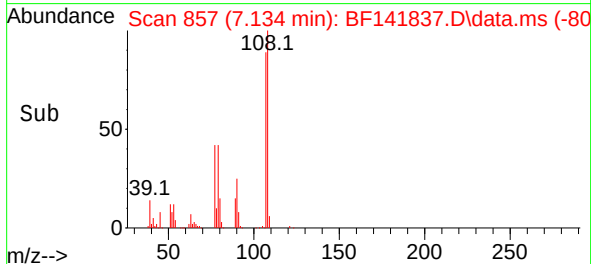
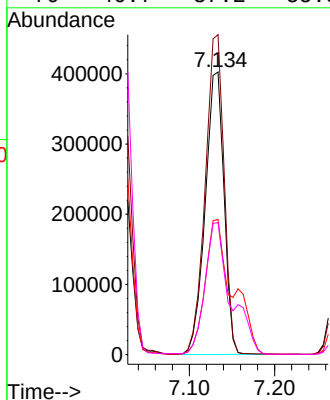
#17
2-Methylphenol
Concen: 44.806 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB166970BS



Tgt Ion:107 Resp: 617275

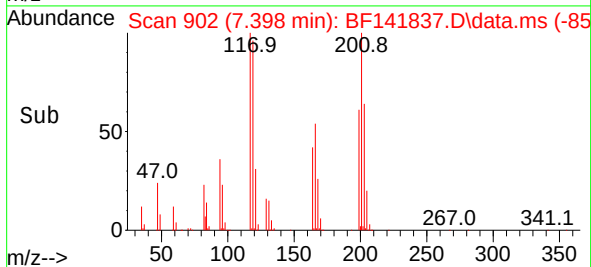
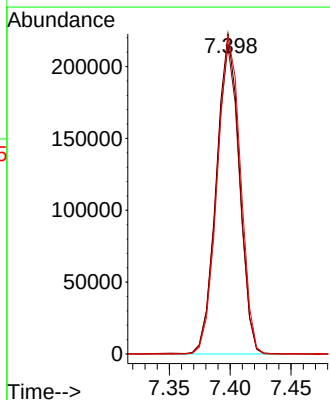
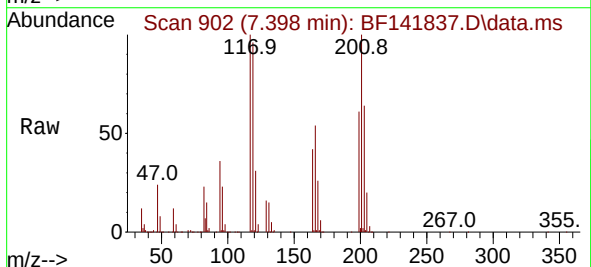
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	47.8	37.7	56.5
79	46.7	37.2	55.8

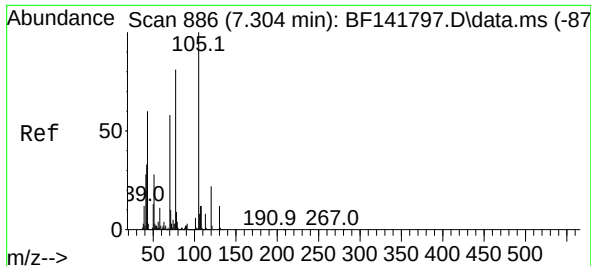


#18
Hexachloroethane
Concen: 43.406 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:117 Resp: 292591

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	99.6	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.603 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

Tgt Ion: 70 Resp: 522803

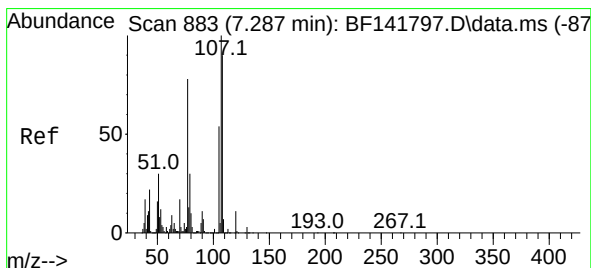
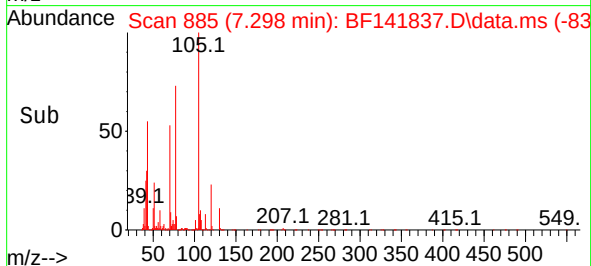
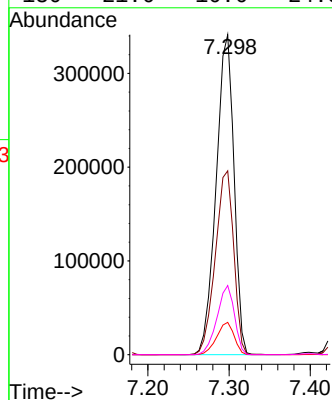
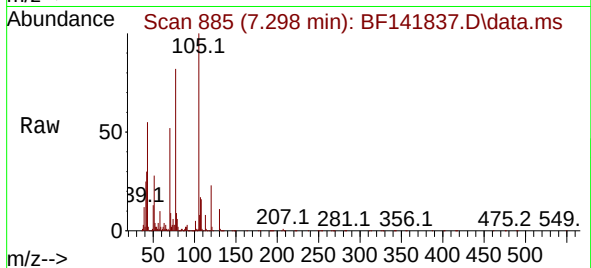
Ion Ratio Lower Upper

70 100

42 57.5 45.4 68.0

101 10.1 7.8 11.8

130 21.6 16.6 24.8



#20

3+4-Methylphenols

Concen: 44.454 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Tgt Ion:107 Resp: 762603

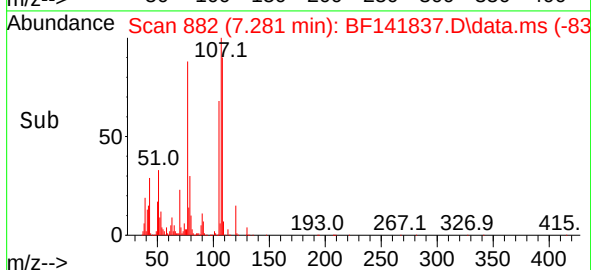
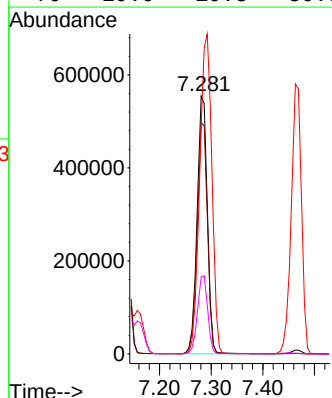
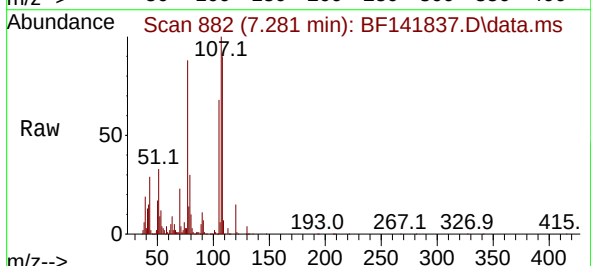
Ion Ratio Lower Upper

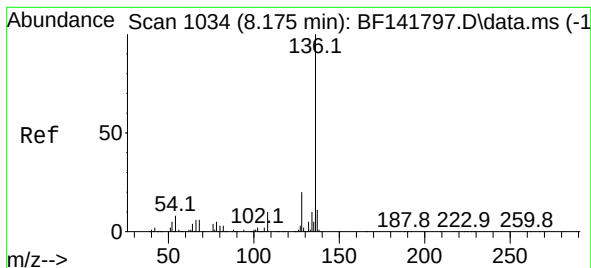
107 100

108 89.7 69.7 109.7

77 87.7 58.3 98.3

79 29.9 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

Tgt Ion:136 Resp: 963244

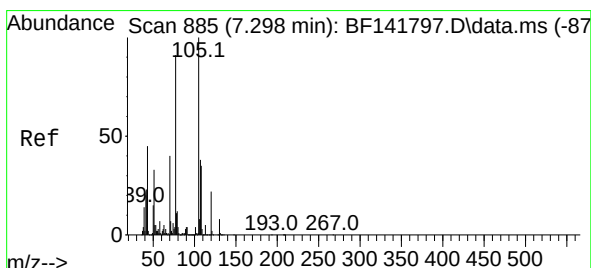
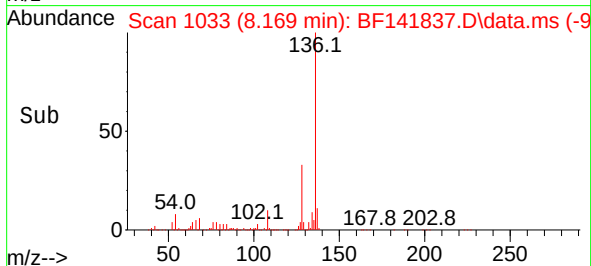
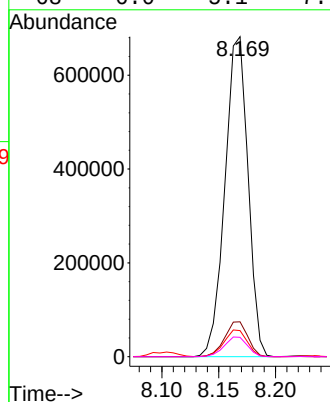
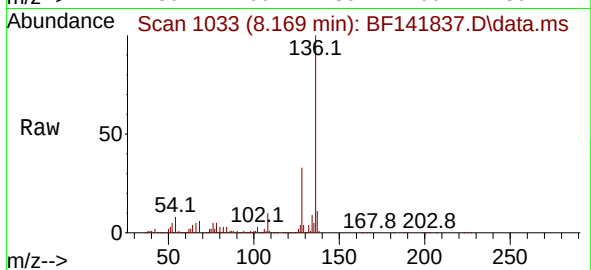
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.9 10.3

68 6.0 5.1 7.7



#22

Acetophenone

Concen: 47.588 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Tgt Ion:105 Resp: 1116413

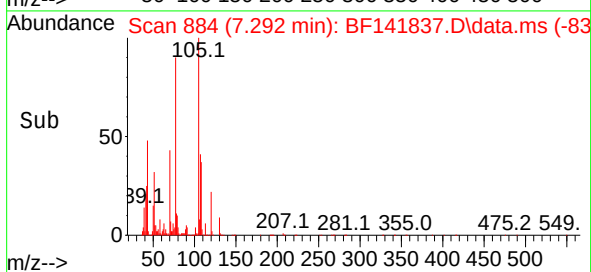
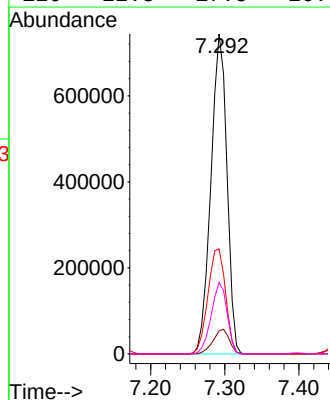
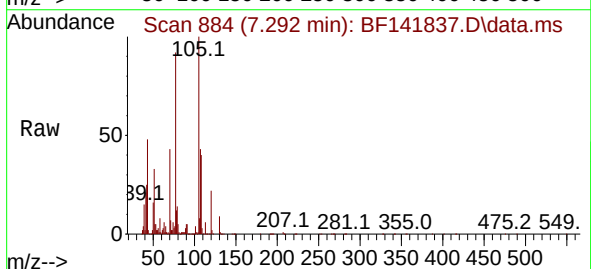
Ion Ratio Lower Upper

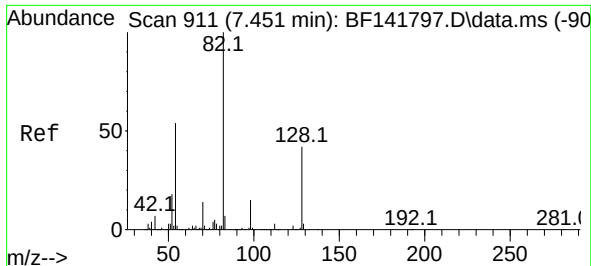
105 100

71 7.2 5.4 8.0

51 32.8 26.1 39.1

120 22.3 17.5 26.3





#23

Nitrobenzene-d5

Concen: 112.696 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

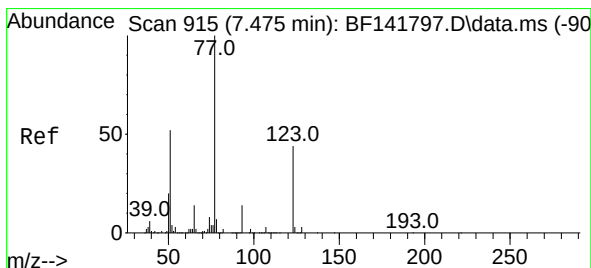
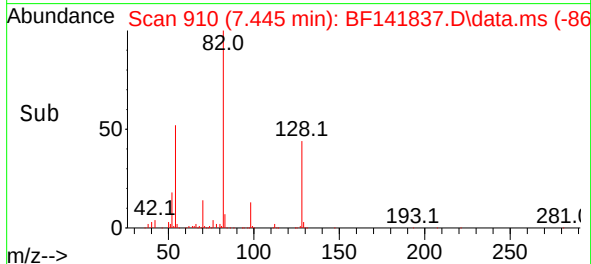
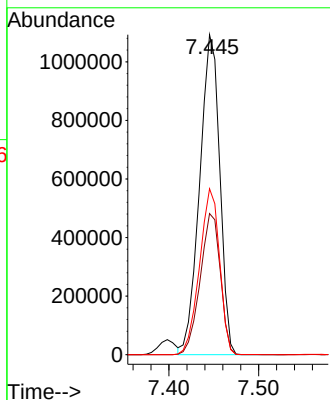
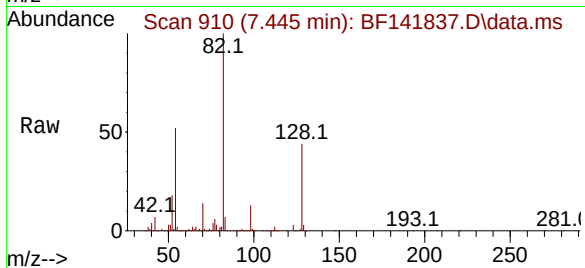
Tgt Ion: 82 Resp: 1698269

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

54 51.9 42.7 64.1



#24

Nitrobenzene

Concen: 49.497 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

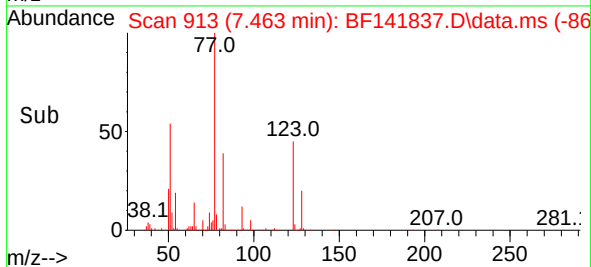
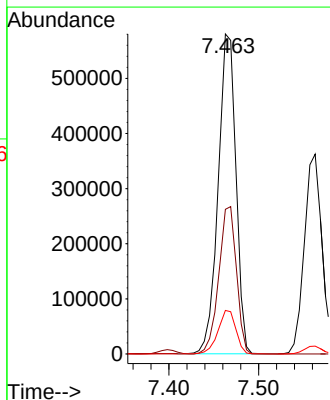
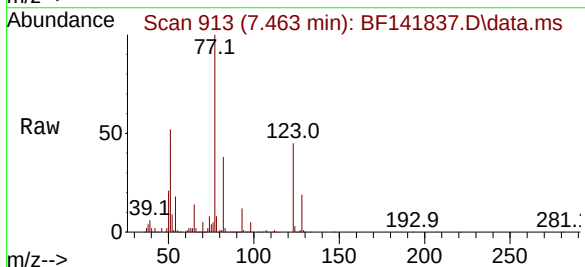
Tgt Ion: 77 Resp: 798747

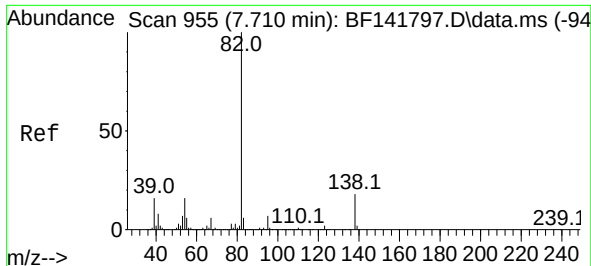
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 13.6 11.2 16.8

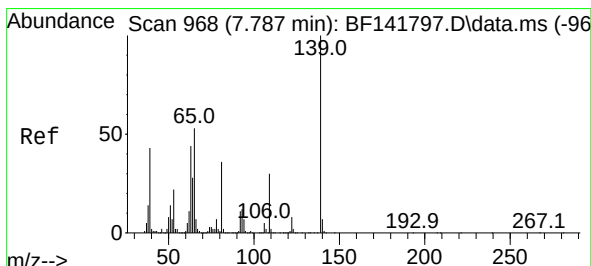
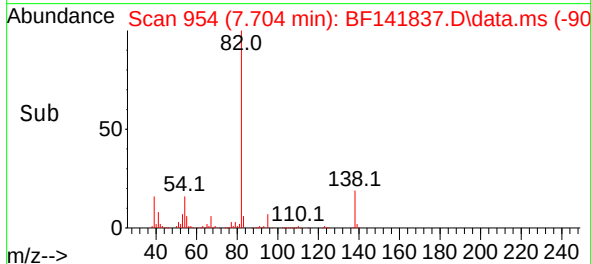
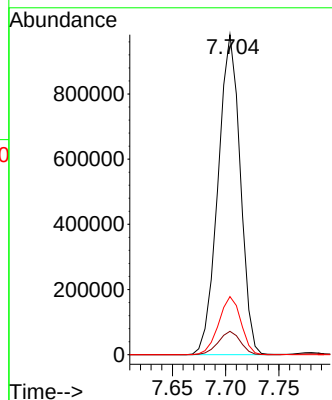
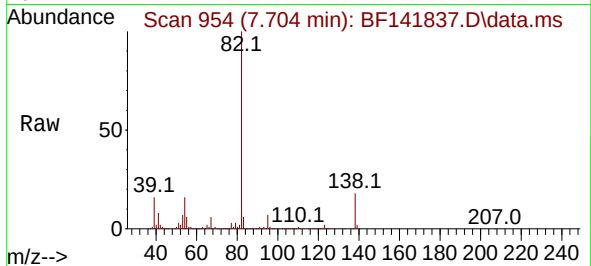




#25
Isophorone
Concen: 44.016 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

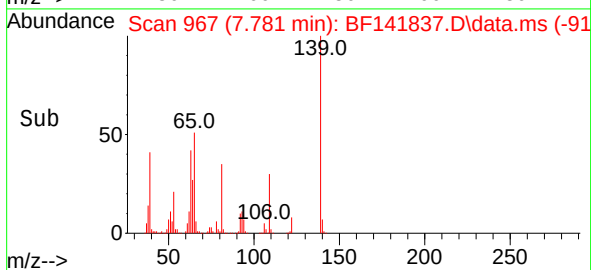
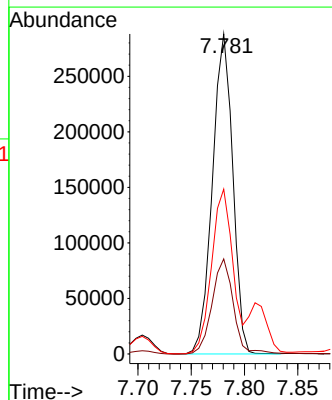
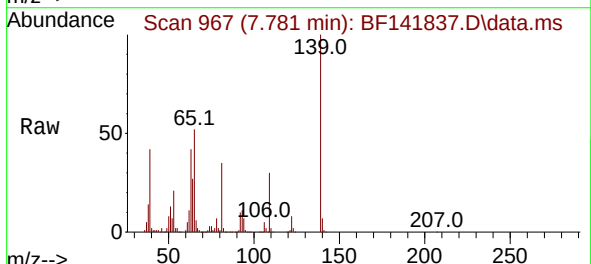
Instrument :
BNA_F
ClientSampleId :
PB166970BS

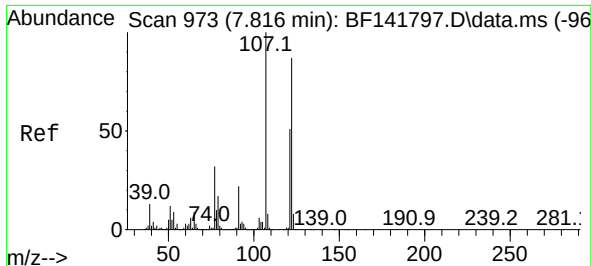
Tgt Ion: 82 Resp: 1425008
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.2 14.0 21.0



#26
2-Nitrophenol
Concen: 52.525 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:139 Resp: 382061
Ion Ratio Lower Upper
139 100
109 29.7 24.1 36.1
65 51.5 42.3 63.5

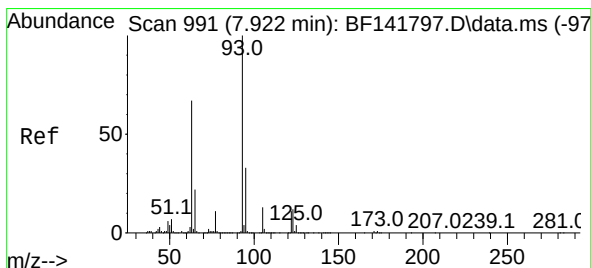
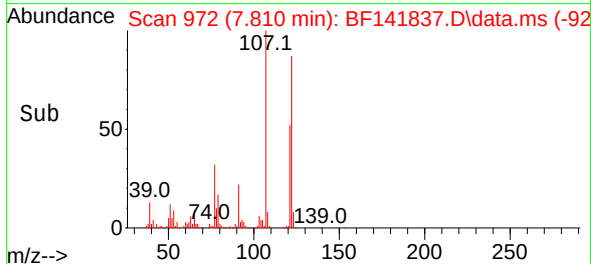
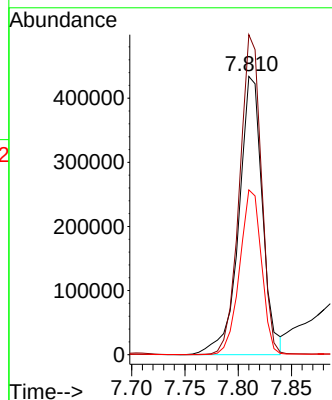
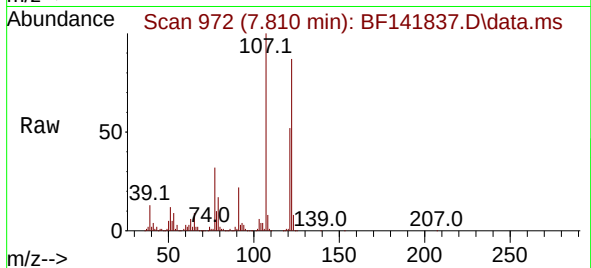




#27
2,4-Dimethylphenol
Concen: 56.095 ng
RT: 7.810 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

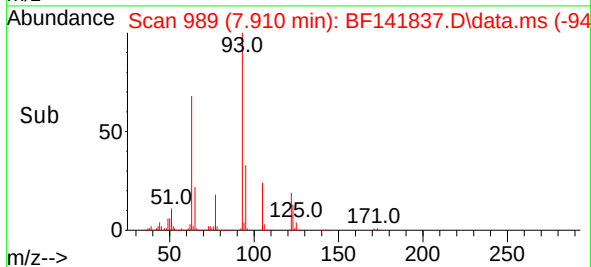
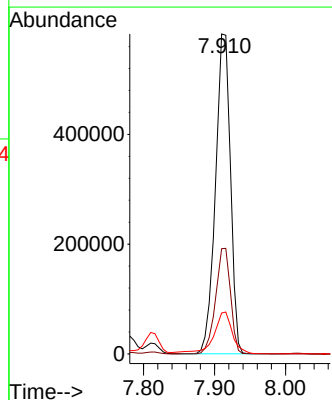
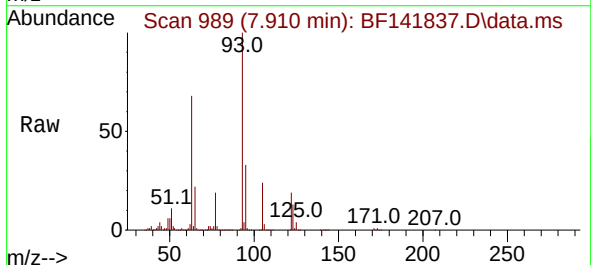
Instrument :
BNA_F
ClientSampleId :
PB166970BS

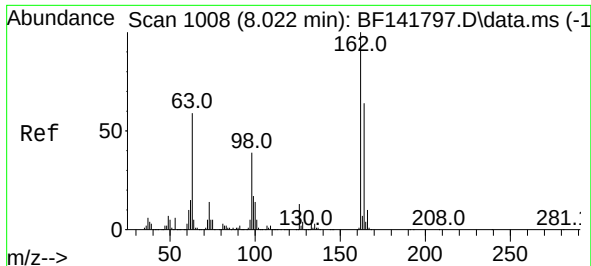
Tgt Ion:122 Resp: 667567
Ion Ratio Lower Upper
122 100
107 115.0 92.5 138.7
121 59.3 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.192 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion: 93 Resp: 850689
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.209 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

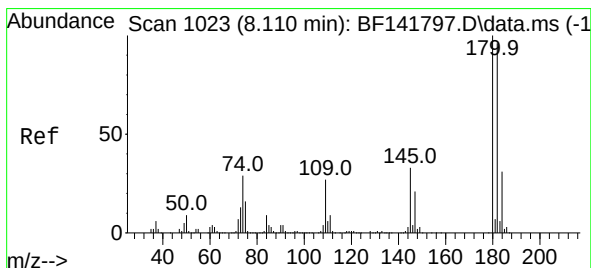
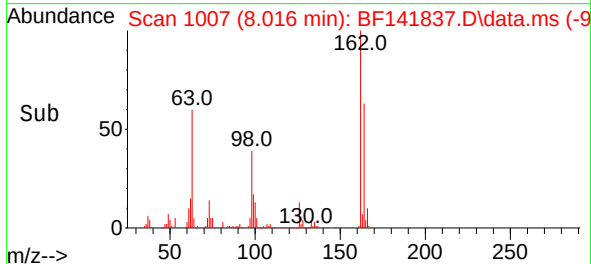
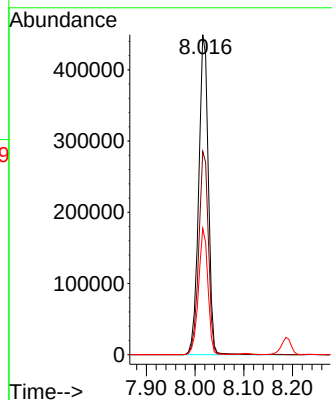
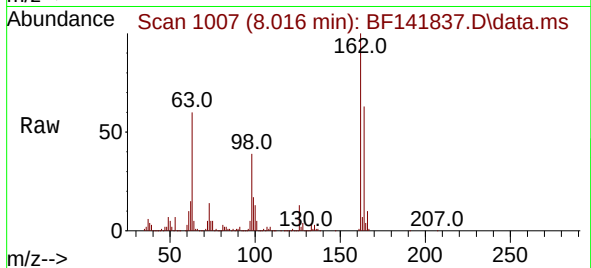
Tgt Ion:162 Resp: 620682

Ion Ratio Lower Upper

162 100

164 63.5 44.3 84.3

98 39.4 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.236 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

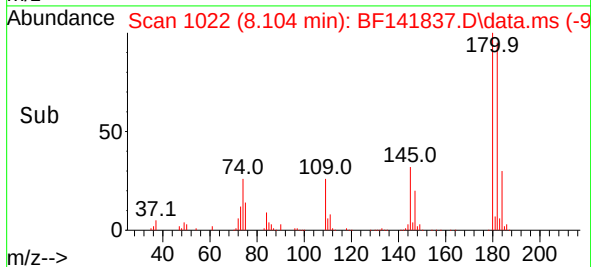
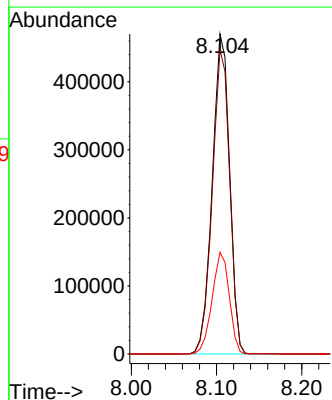
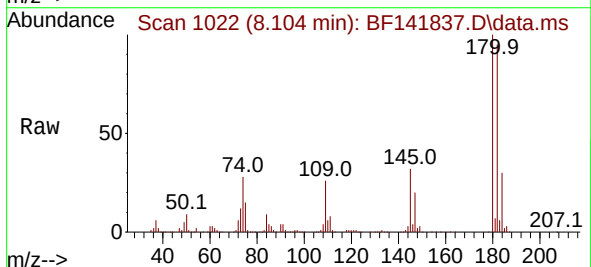
Tgt Ion:180 Resp: 665487

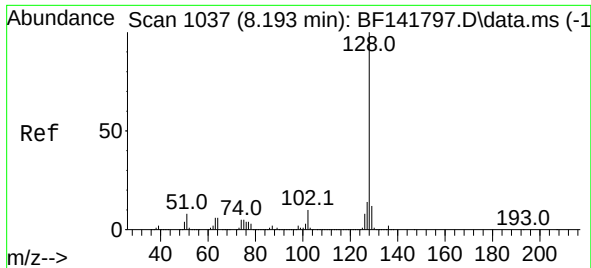
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 31.8 26.4 39.6

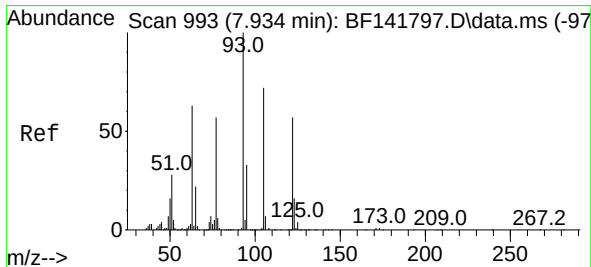
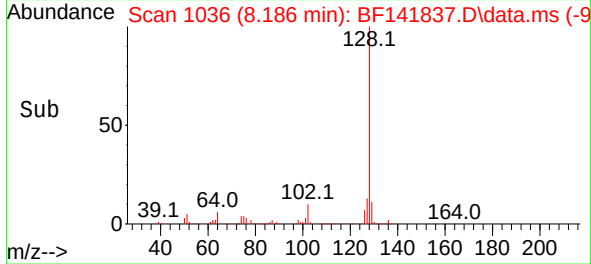
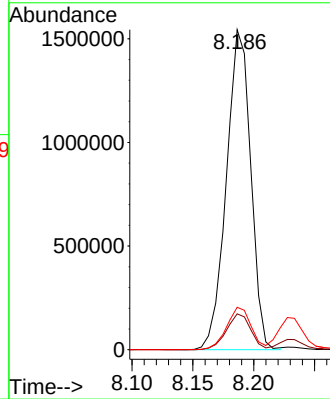
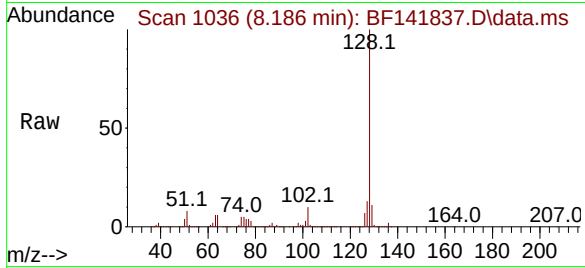




#31
Naphthalene
Concen: 43.421 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

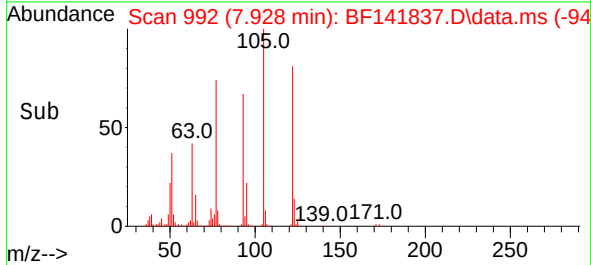
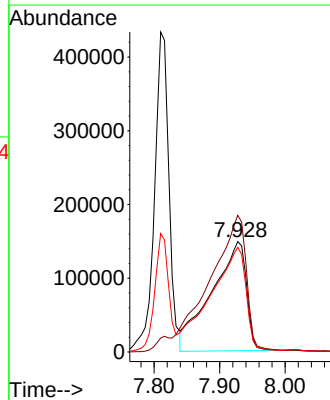
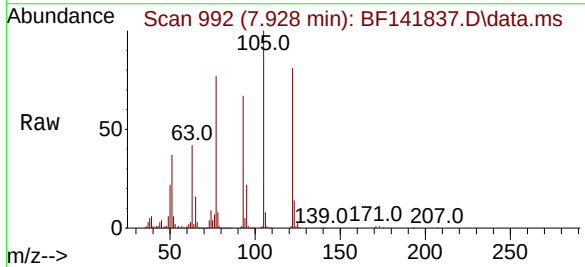
Instrument :
BNA_F
ClientSampleId :
PB166970BS

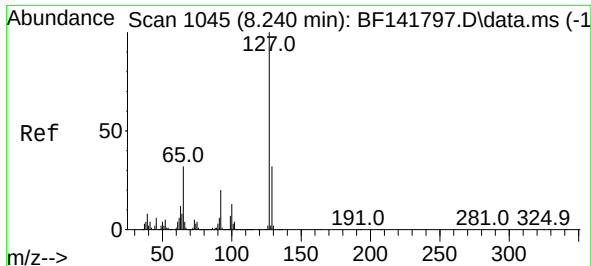
Tgt Ion:128 Resp: 2149639
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 54.072 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:122 Resp: 548592
Ion Ratio Lower Upper
122 100
105 123.8 105.8 145.8
77 94.7 79.9 119.9





#33

4-Chloroaniline

Concen: 12.565 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.012 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

Tgt Ion:127 Resp: 228083

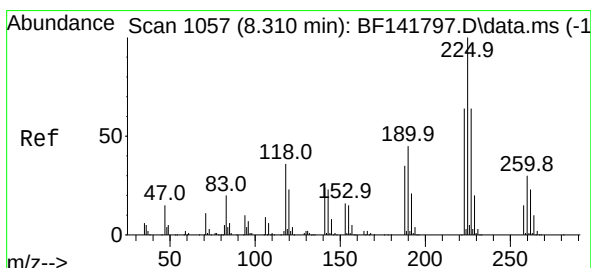
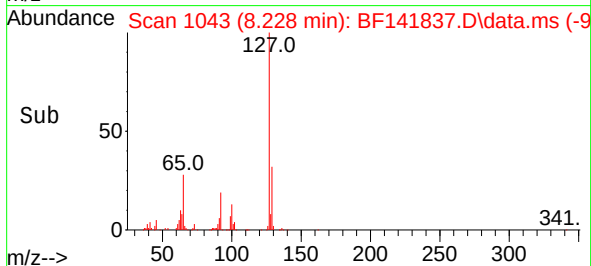
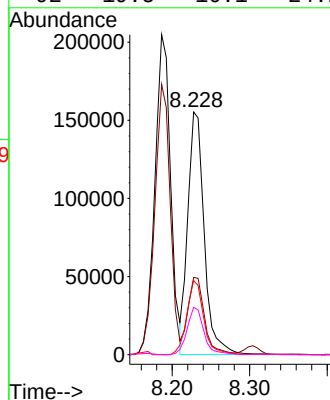
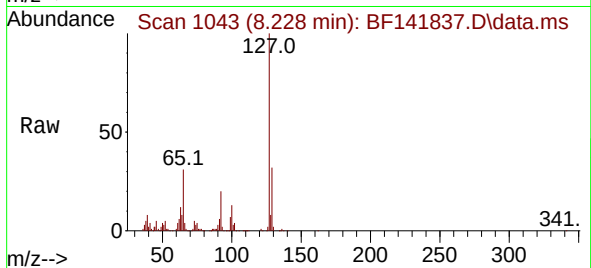
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 30.6 25.7 38.5

92 19.5 16.1 24.1



#34

Hexachlorobutadiene

Concen: 43.578 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

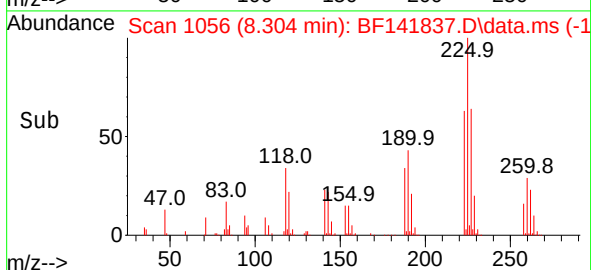
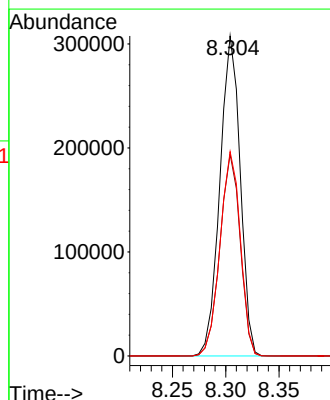
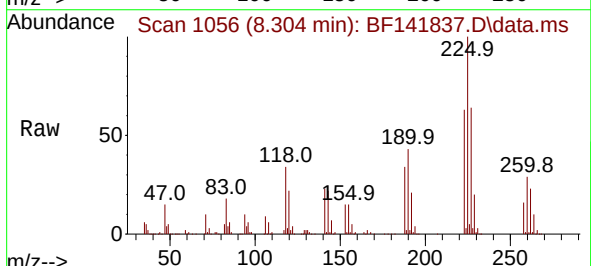
Tgt Ion:225 Resp: 407388

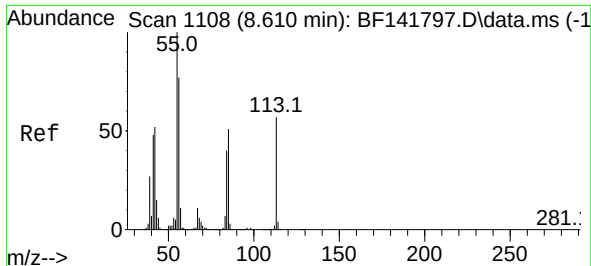
Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

227 63.8 51.6 77.4





#35

Caprolactam

Concen: 29.799 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

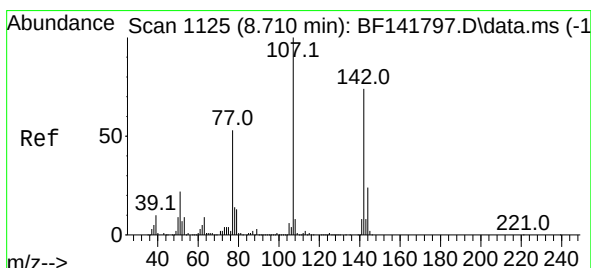
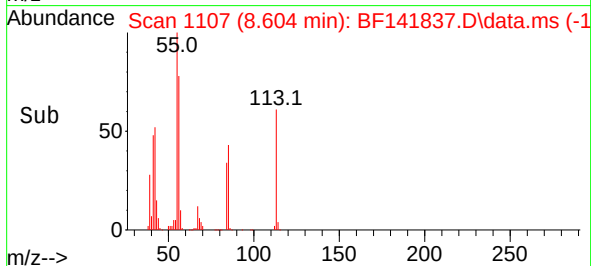
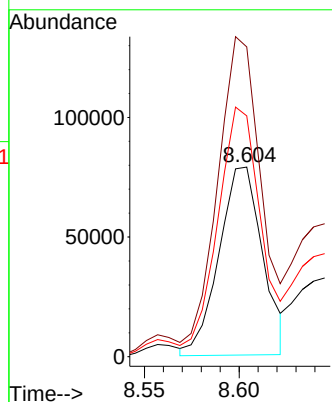
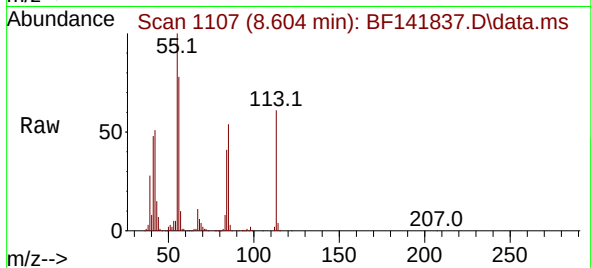
Tgt Ion:113 Resp: 125856

Ion Ratio Lower Upper

113 100

55 163.4 155.6 195.6

56 127.0 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 45.211 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

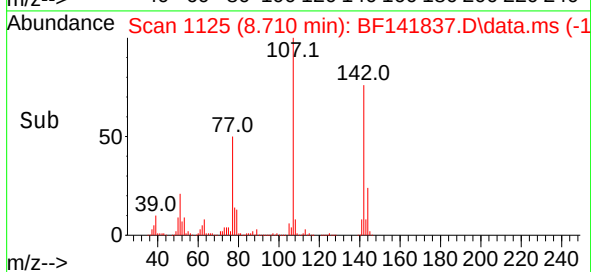
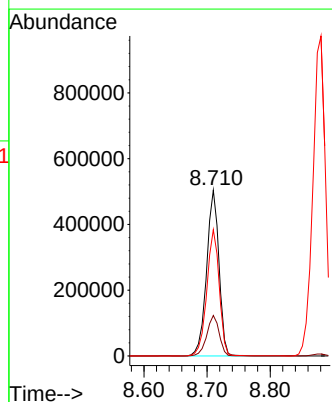
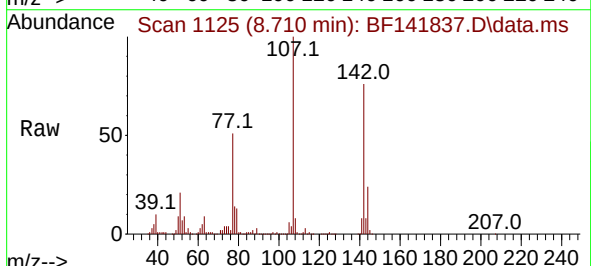
Tgt Ion:107 Resp: 689518

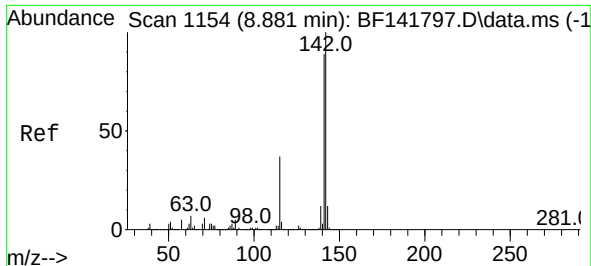
Ion Ratio Lower Upper

107 100

144 24.5 19.4 29.0

142 76.1 59.4 89.0

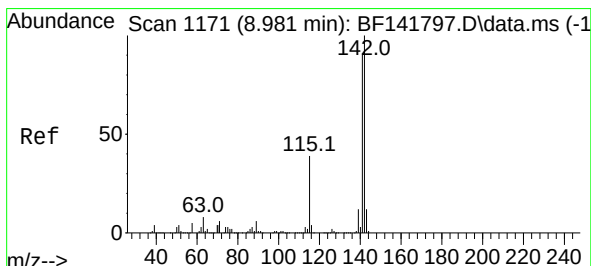
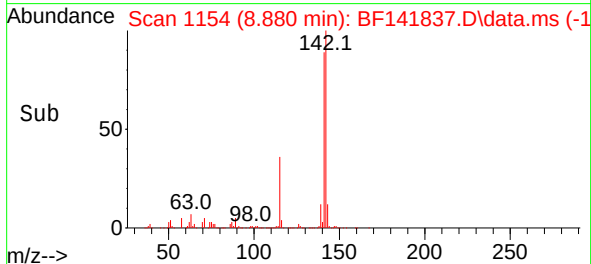
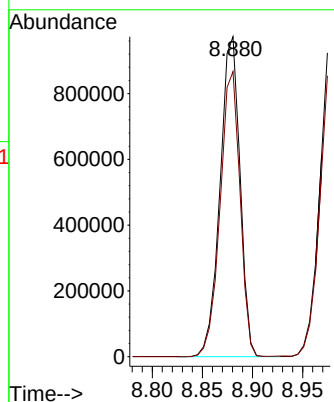
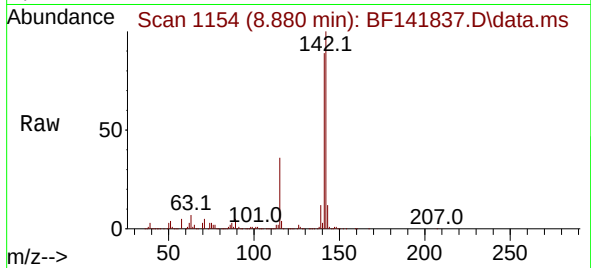




#37
2-Methylnaphthalene
Concen: 41.291 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

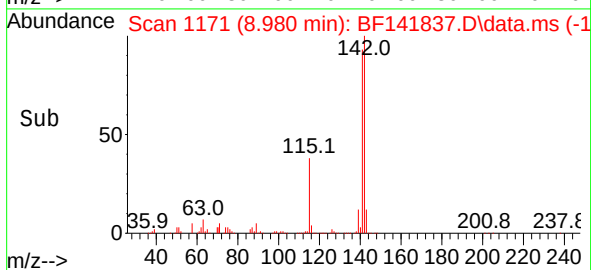
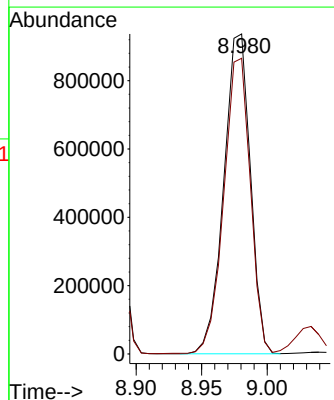
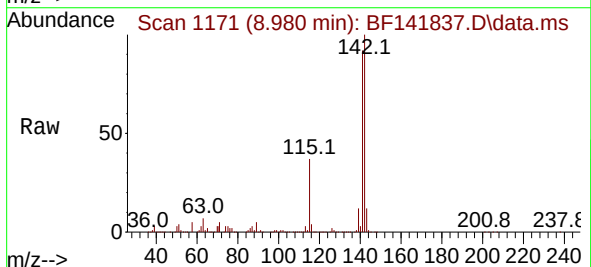
Instrument :
BNA_F
ClientSampleId :
PB166970BS

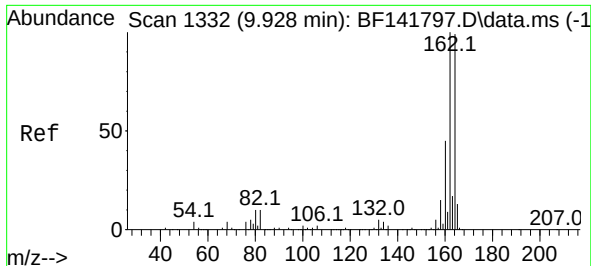
Tgt Ion:142 Resp: 1340824
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.348 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:142 Resp: 1319465
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

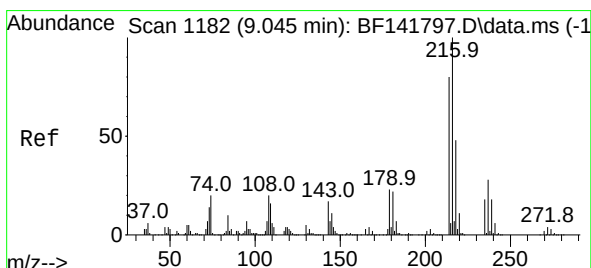
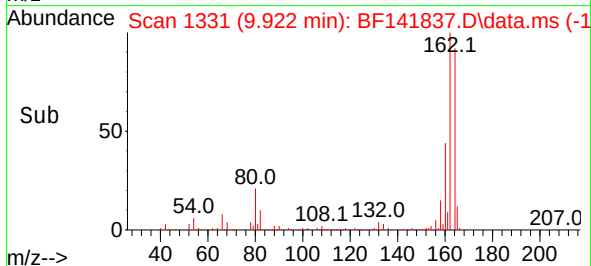
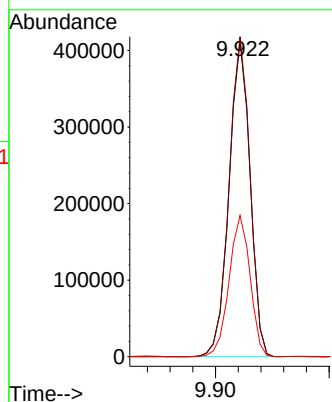
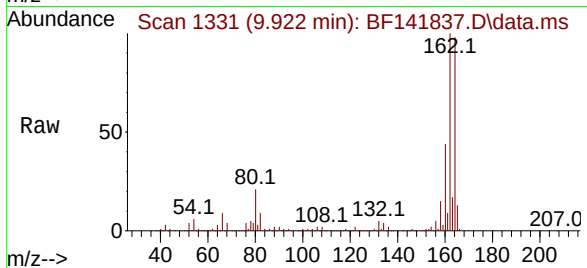
Tgt Ion:164 Resp: 528441

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 44.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.274 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Tgt Ion:216 Resp: 721490

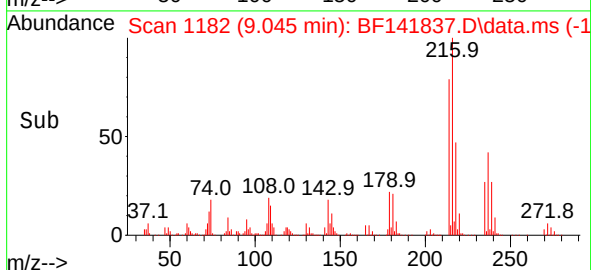
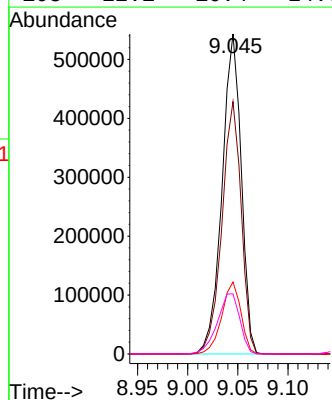
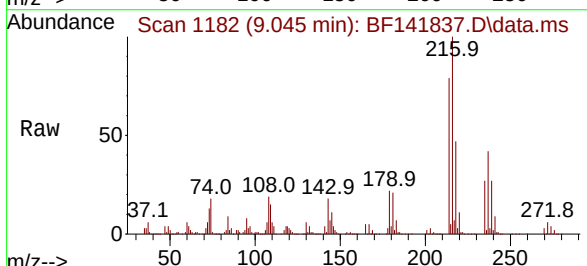
Ion Ratio Lower Upper

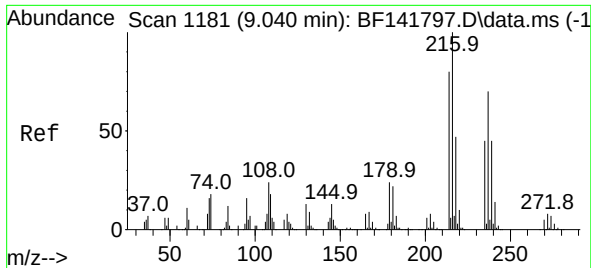
216 100

214 79.0 63.5 95.3

179 22.6 18.1 27.1

108 22.1 16.4 24.6

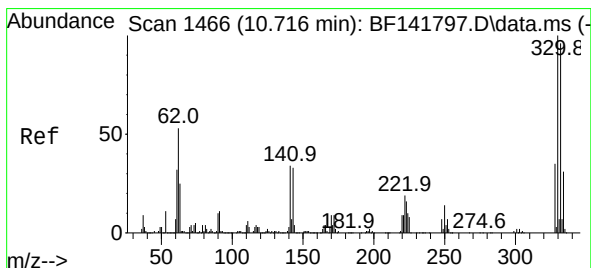
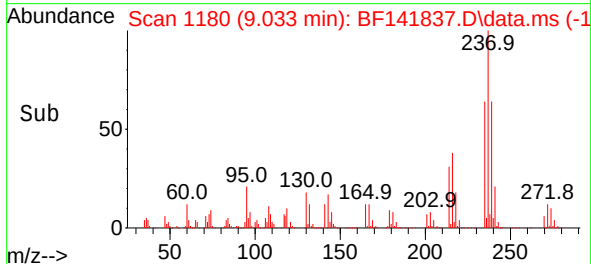
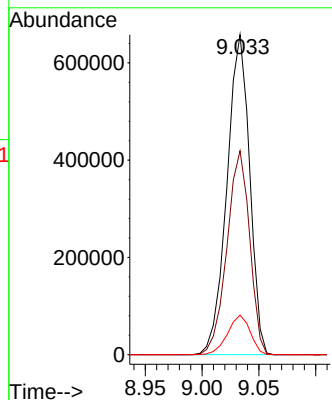
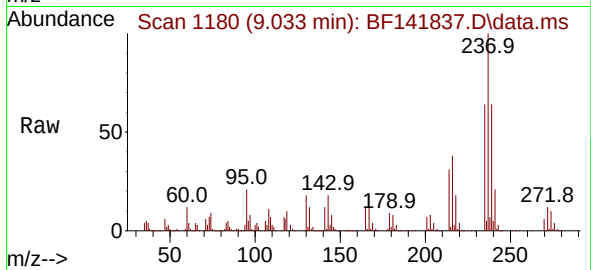




#41
 Hexachlorocyclopentadiene
 Concen: 143.530 ng
 RT: 9.033 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

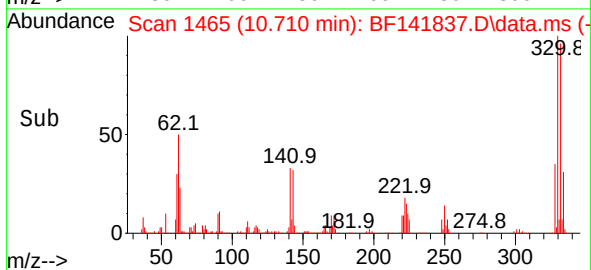
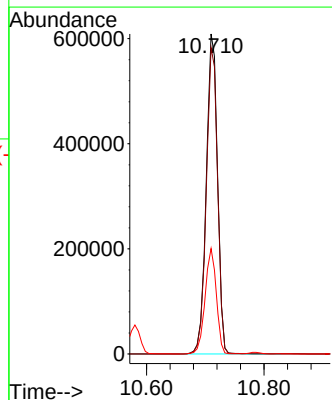
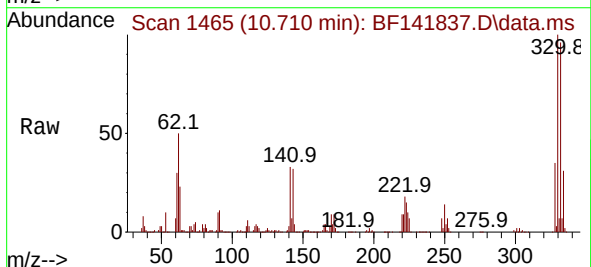
Instrument :
 BNA_F
 ClientSampleId :
 PB166970BS

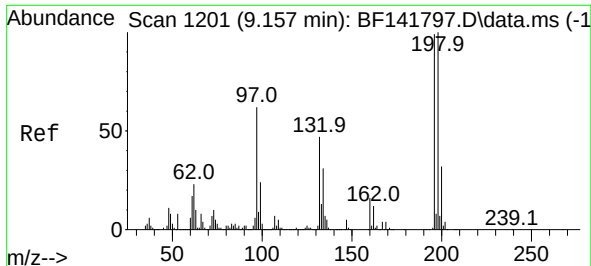
Tgt Ion:237 Resp: 914175
 Ion Ratio Lower Upper
 237 100
 235 63.7 43.3 83.3
 272 12.4 0.0 31.9



#42
 2,4,6-Tribromophenol
 Concen: 163.297 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

Tgt Ion:330 Resp: 810133
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 33.0 29.0 43.4

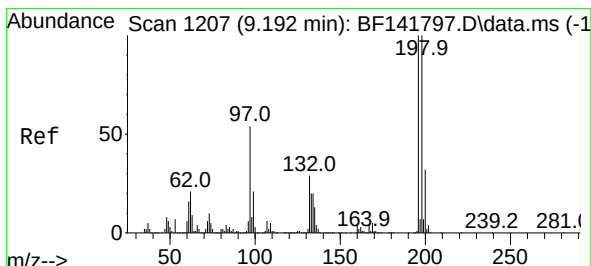
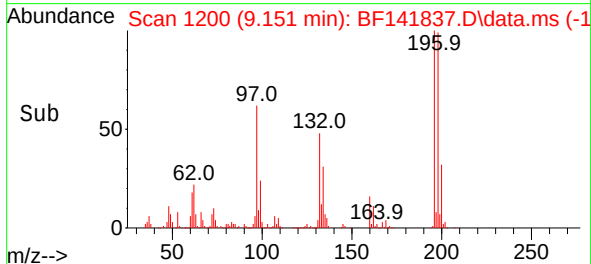
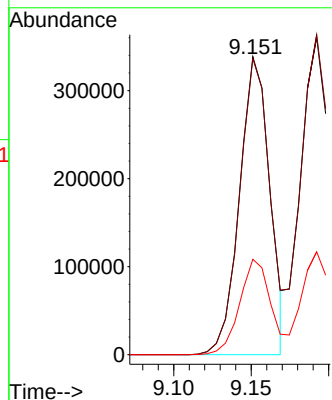
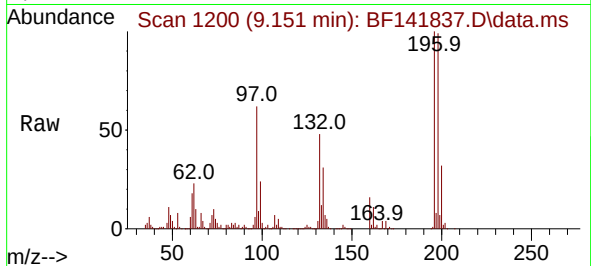




#43
2,4,6-Trichlorophenol
Concen: 46.543 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

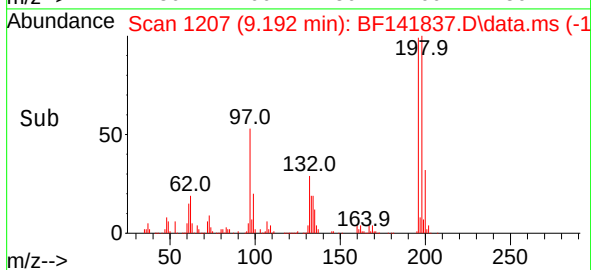
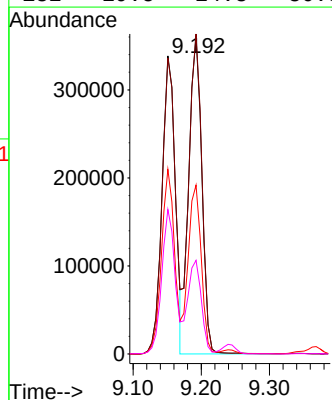
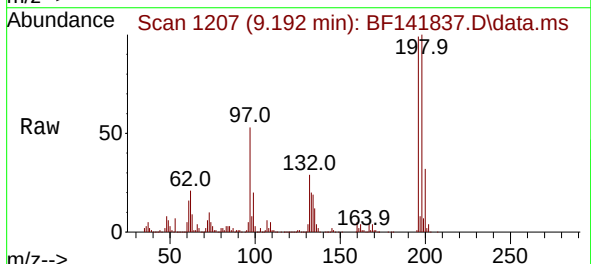
Instrument :
BNA_F
ClientSampleId :
PB166970BS

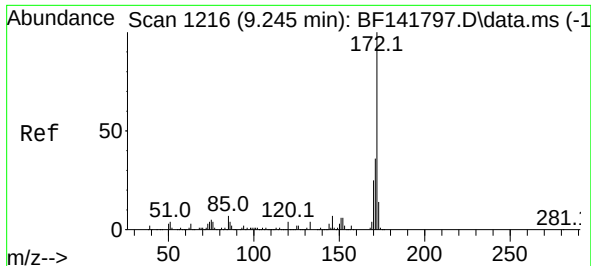
Tgt Ion:196 Resp: 458853
Ion Ratio Lower Upper
196 100
198 99.3 80.4 120.6
200 32.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.985 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:196 Resp: 478201
Ion Ratio Lower Upper
196 100
198 100.8 79.7 119.5
97 53.2 44.2 66.2
132 29.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 92.526 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

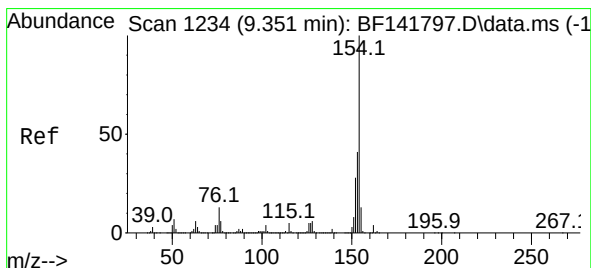
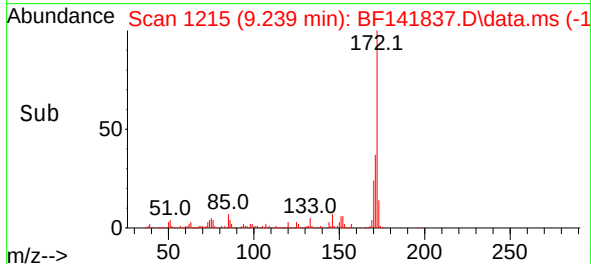
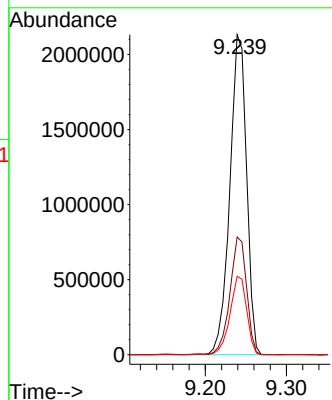
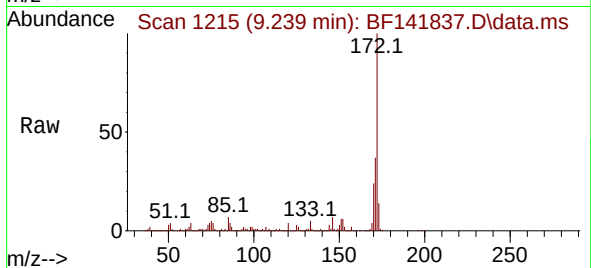
Tgt Ion:172 Resp: 3049329

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 24.5 19.7 29.5



#46

1,1'-Biphenyl

Concen: 47.332 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

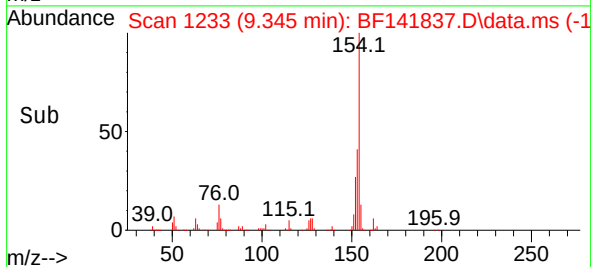
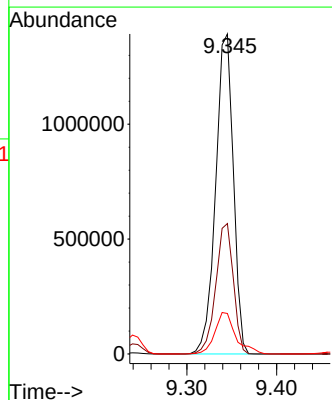
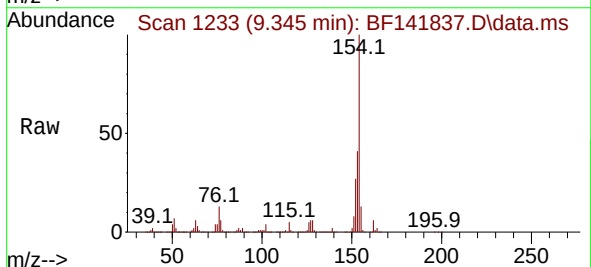
Tgt Ion:154 Resp: 1903841

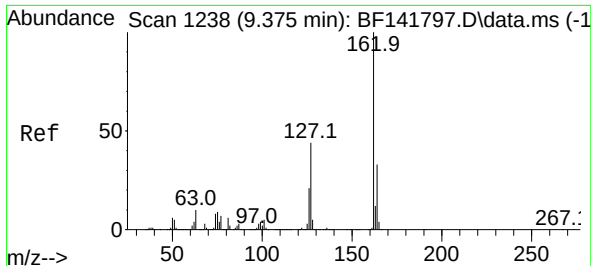
Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

76 12.7 0.0 33.4

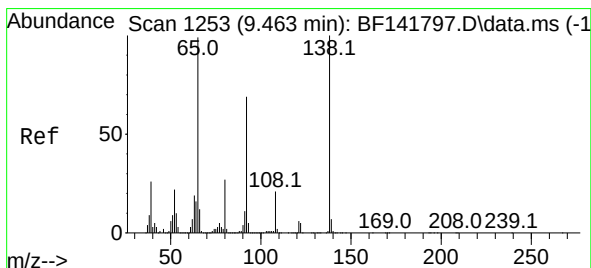
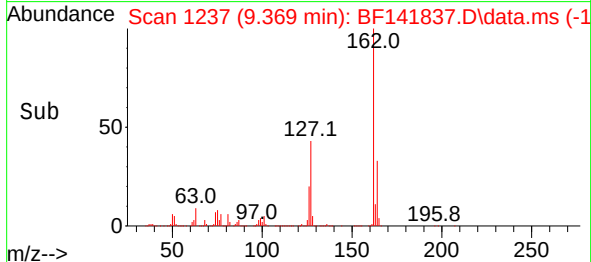
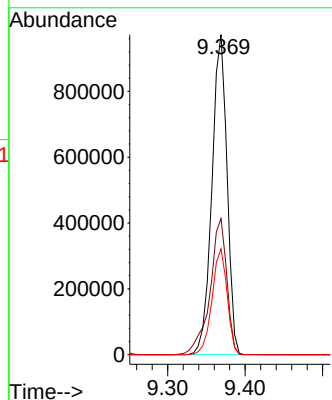
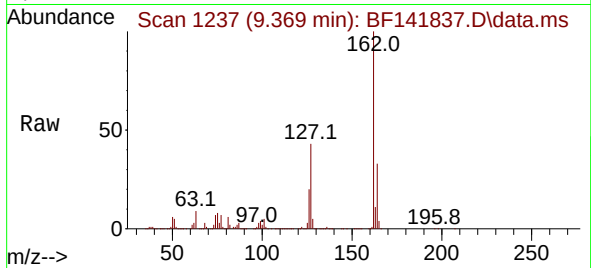




#47
2-Chloronaphthalene
Concen: 44.293 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

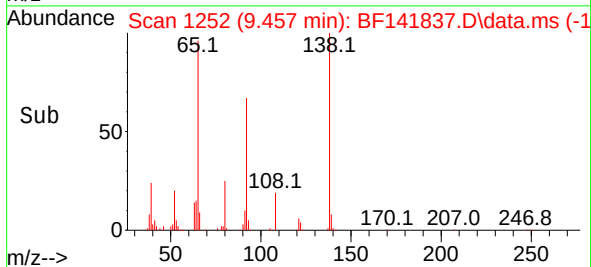
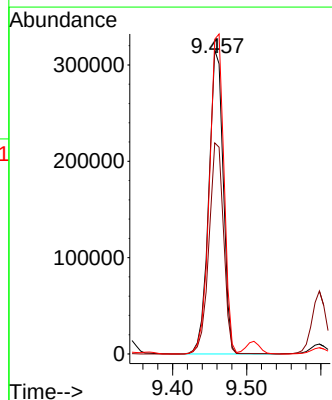
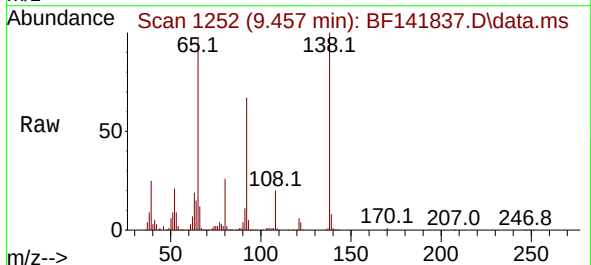
Instrument :
BNA_F
ClientSampleId :
PB166970BS

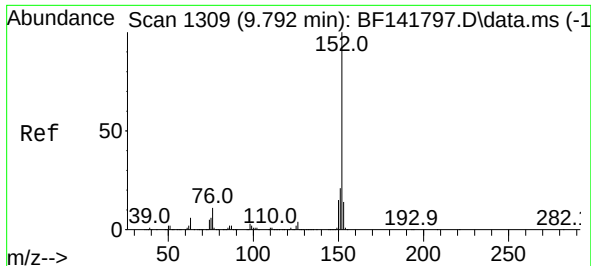
Tgt Ion:162 Resp: 1314952
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.6
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 52.279 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion: 65 Resp: 428286
Ion Ratio Lower Upper
65 100
92 69.5 55.7 83.5
138 103.6 80.6 121.0





#49

Acenaphthylene

Concen: 46.356 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

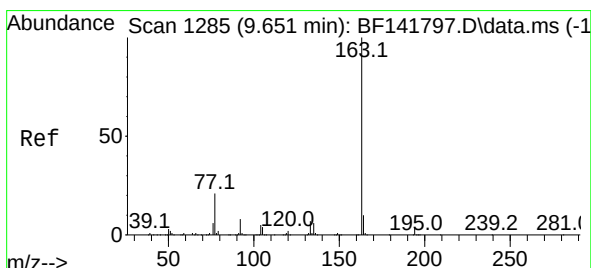
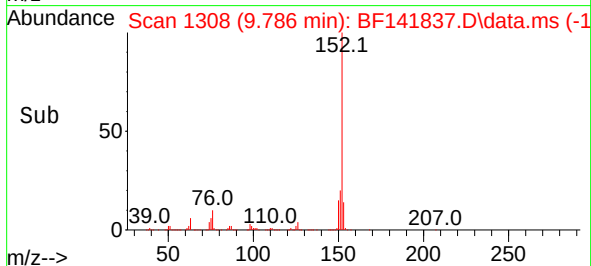
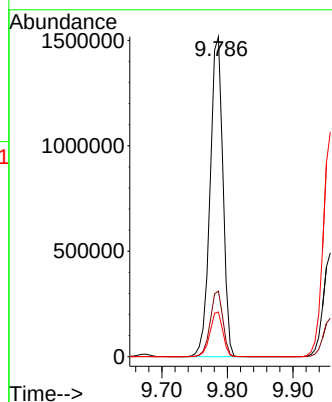
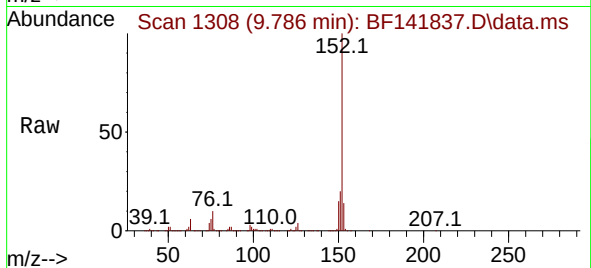
Tgt Ion:152 Resp: 2063328

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 43.734 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

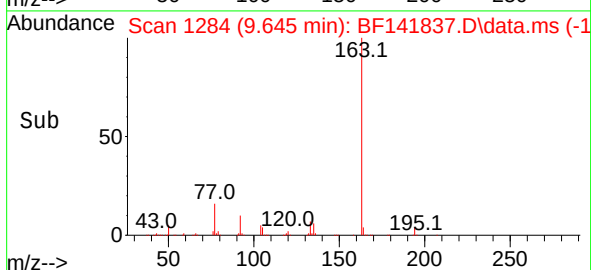
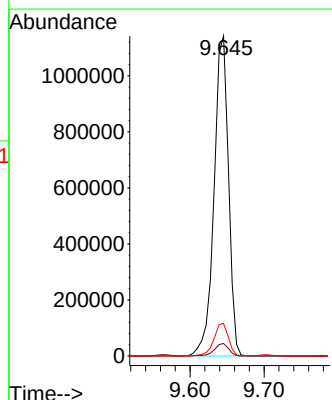
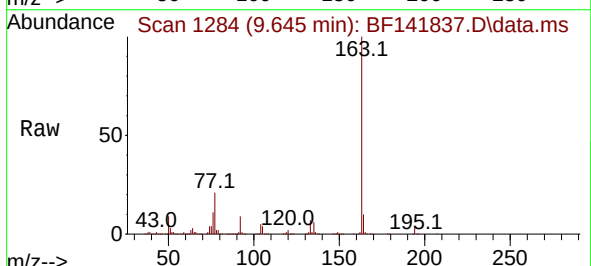
Tgt Ion:163 Resp: 1547672

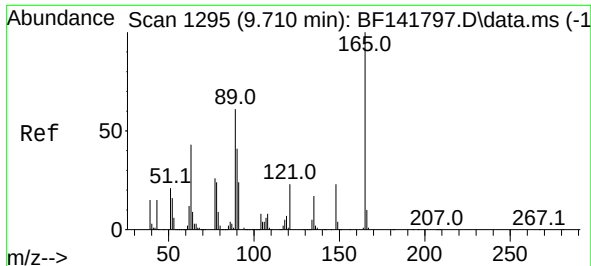
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 50.900 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

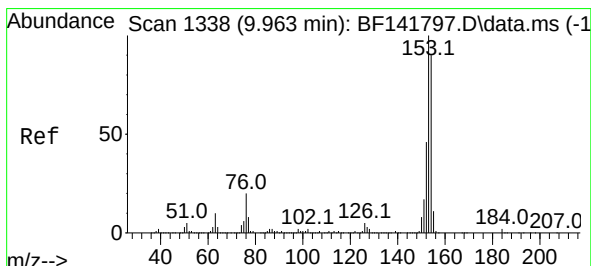
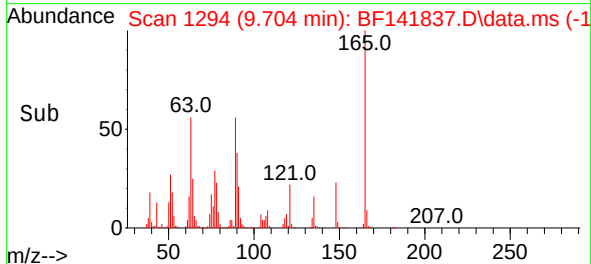
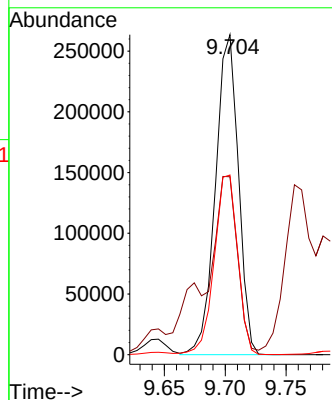
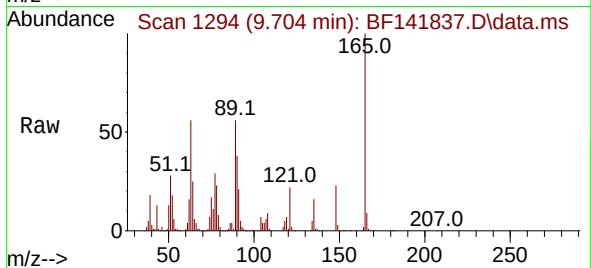
Tgt Ion:165 Resp: 345814

Ion Ratio Lower Upper

165 100

63 55.6 49.5 74.3

89 56.1 49.0 73.4



#52

Acenaphthene

Concen: 50.086 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

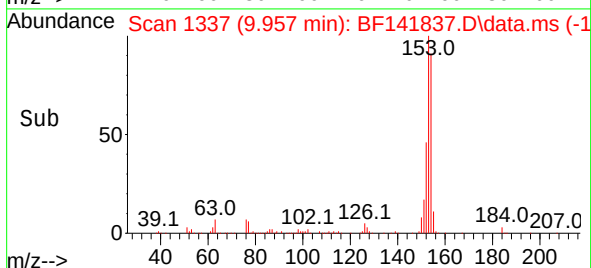
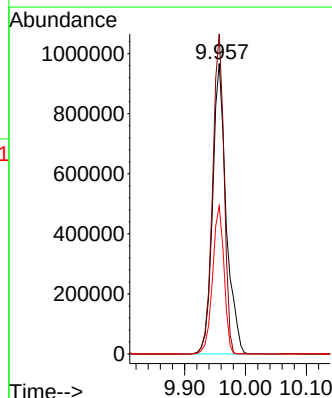
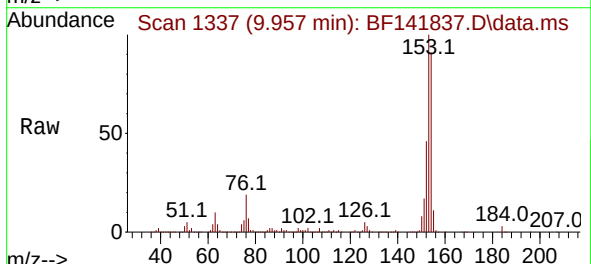
Tgt Ion:154 Resp: 1504280

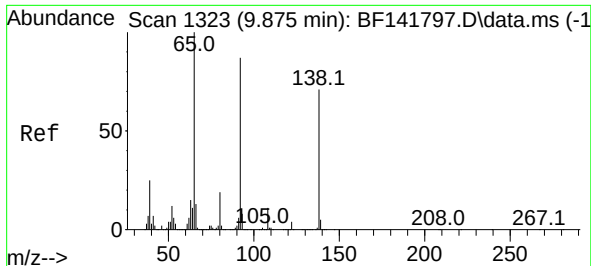
Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

152 50.9 40.9 61.3

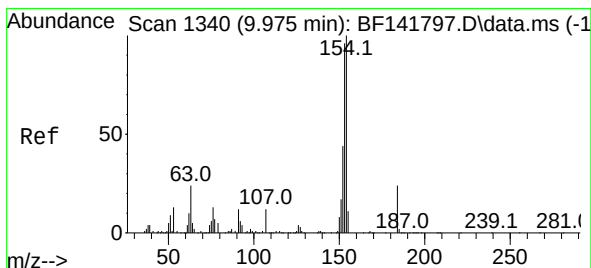
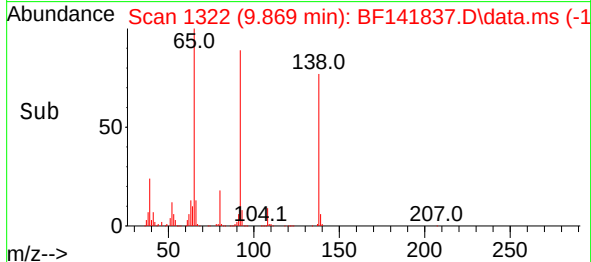
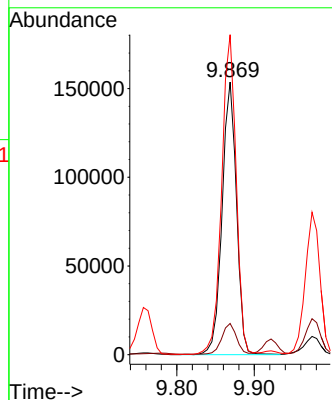
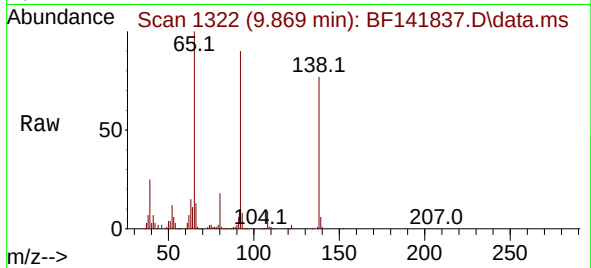




#53
3-Nitroaniline
Concen: 28.770 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

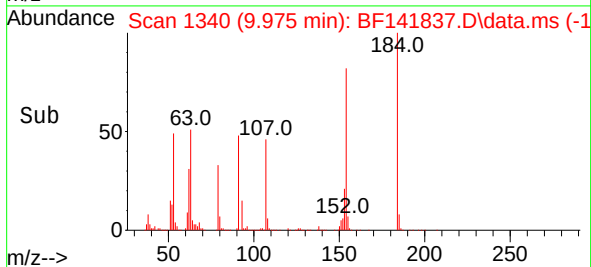
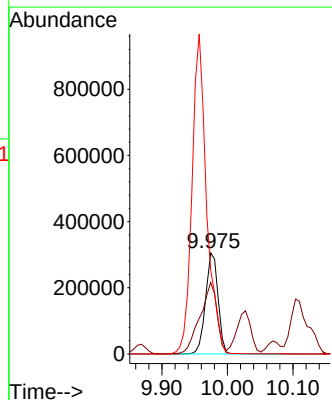
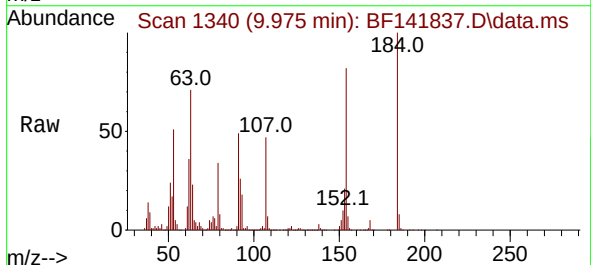
Instrument :
BNA_F
ClientSampleId :
PB166970BS

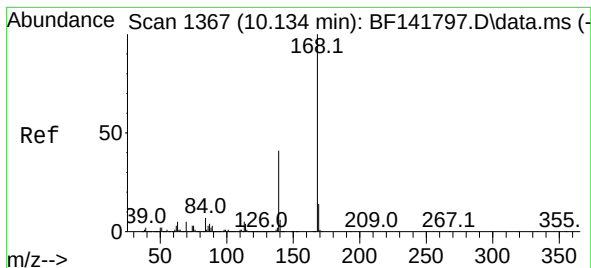
Tgt Ion:138 Resp: 198326
Ion Ratio Lower Upper
138 100
108 11.5 12.7 19.1#
92 117.4 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 114.101 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:184 Resp: 406725
Ion Ratio Lower Upper
184 100
63 70.7 79.0 118.6#
154 82.4 335.8 503.8#





#55

Dibenzenofuran

Concen: 42.763 ng

RT: 10.127 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

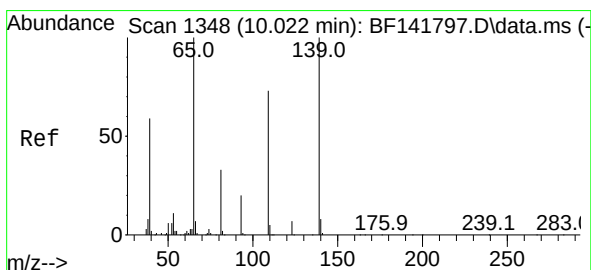
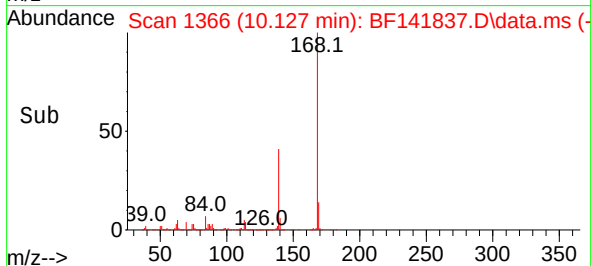
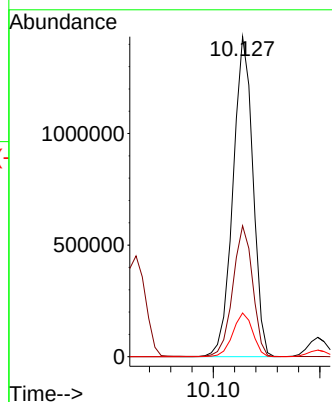
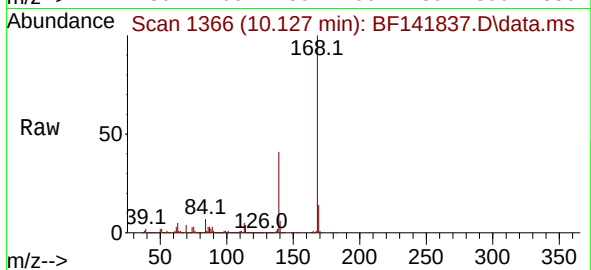
Tgt Ion:168 Resp: 1869323

Ion Ratio Lower Upper

168 100

139 40.9 32.9 49.3

169 13.7 11.1 16.7



#56

4-Nitrophenol

Concen: 129.524 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

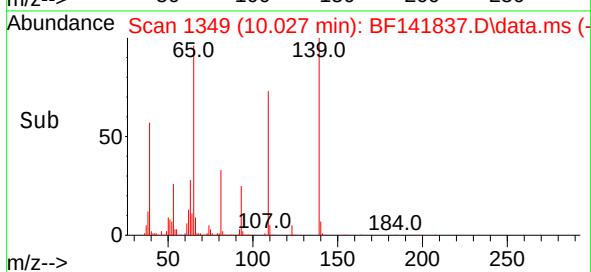
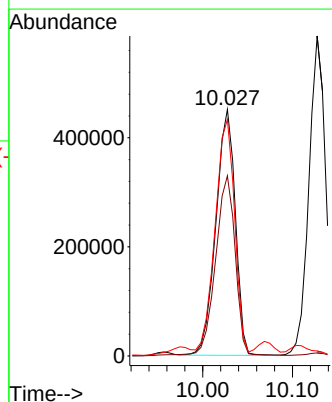
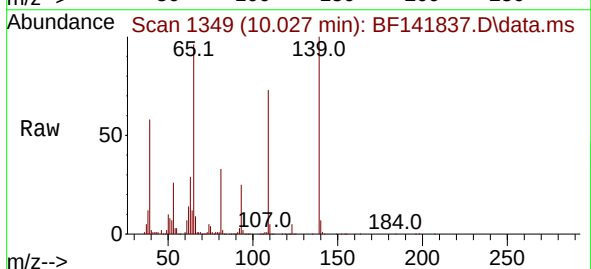
Tgt Ion:139 Resp: 676987

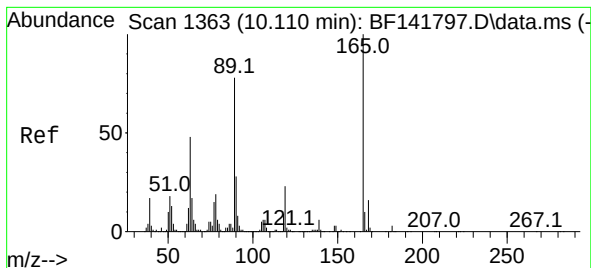
Ion Ratio Lower Upper

139 100

109 73.1 53.4 93.4

65 96.0 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 56.606 ng

RT: 10.104 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

Tgt Ion:165 Resp: 473712

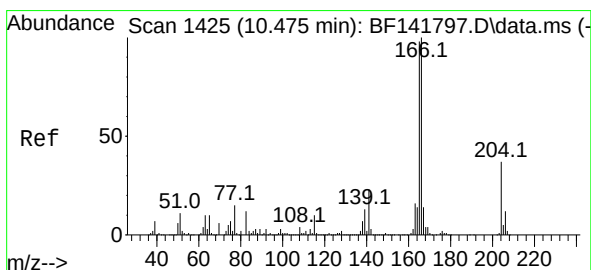
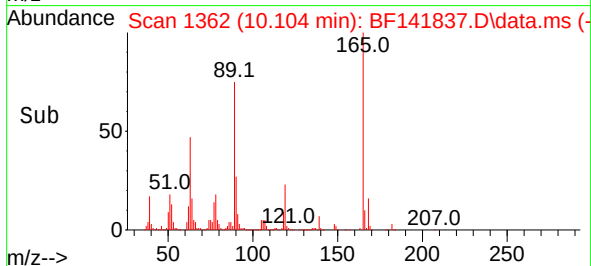
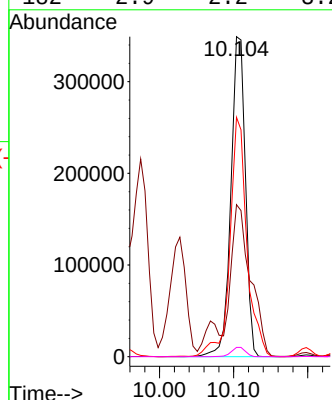
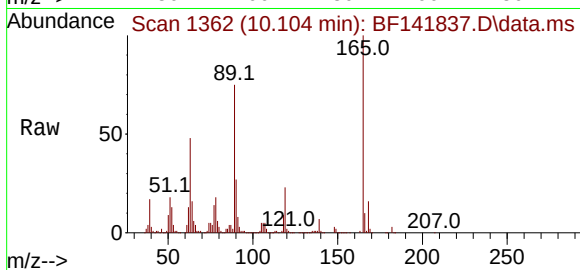
Ion Ratio Lower Upper

165 100

63 47.5 38.8 58.2

89 74.8 62.6 94.0

182 2.9 2.2 3.2



#58

Fluorene

Concen: 43.850 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

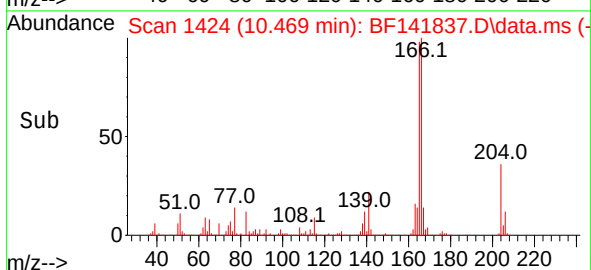
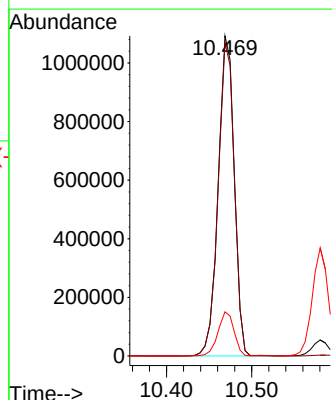
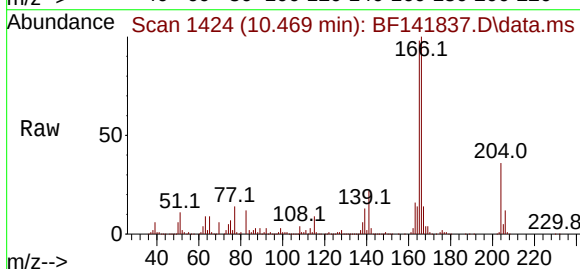
Tgt Ion:166 Resp: 1435853

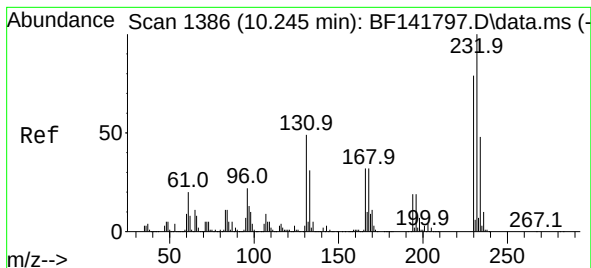
Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.8 11.0 16.4

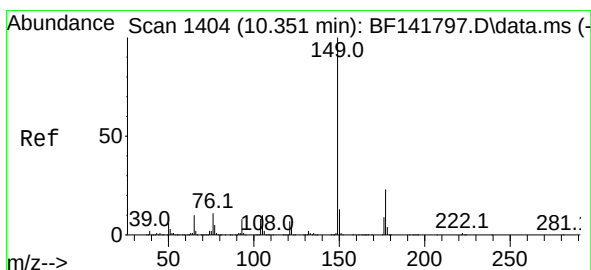
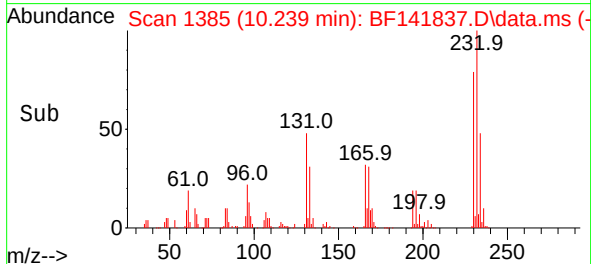
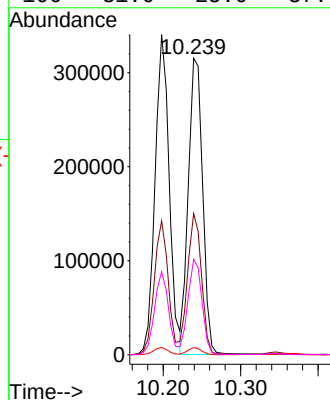
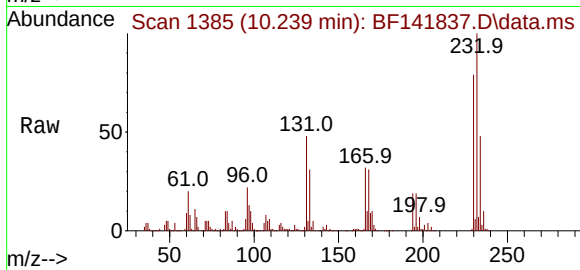




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.809 ng
RT: 10.239 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

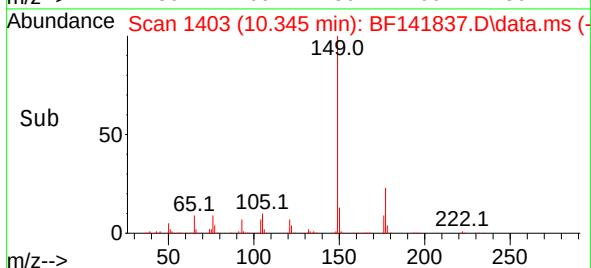
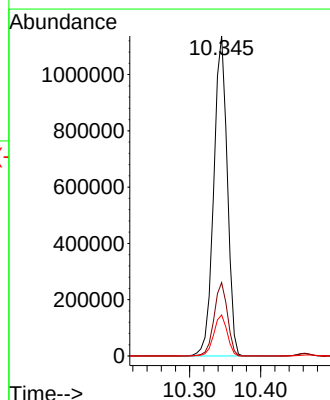
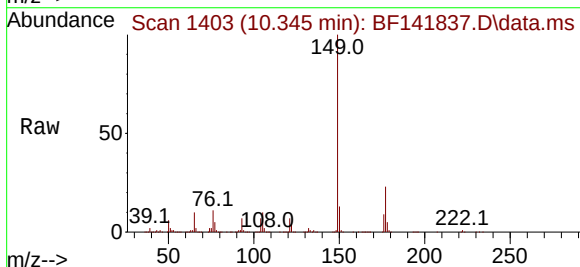
Instrument :
BNA_F
ClientSampleId :
PB166970BS

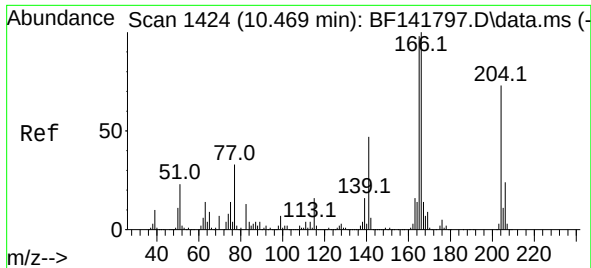
Tgt Ion:232 Resp: 405913
Ion Ratio Lower Upper
232 100
131 46.8 37.8 56.8
130 2.3 2.0 3.0
166 31.0 25.0 37.4



#60
Diethylphthalate
Concen: 42.309 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:149 Resp: 1500999
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 10.3 15.5

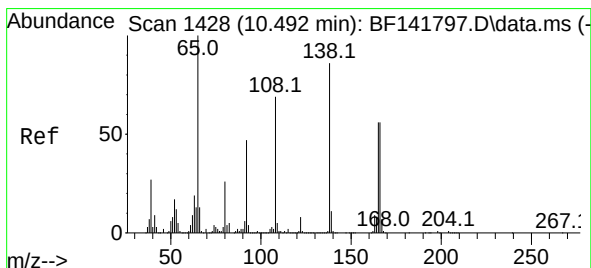
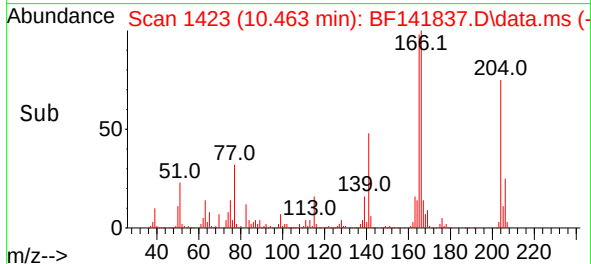
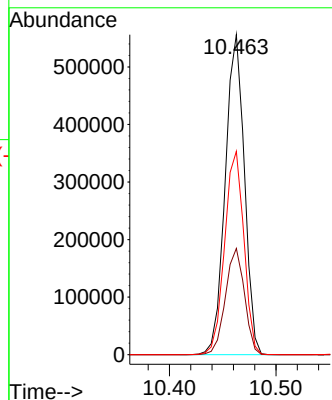
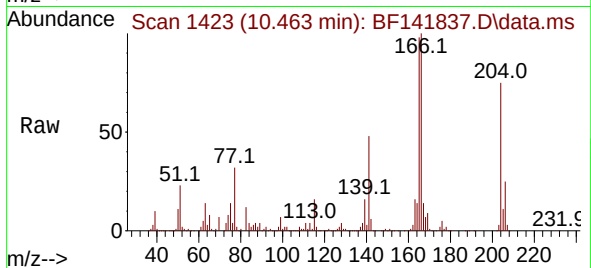




#61
4-Chlorophenyl-phenylether
Concen: 42.273 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

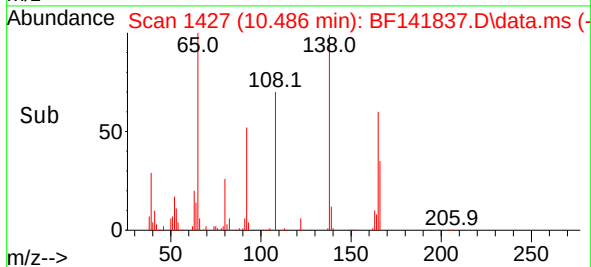
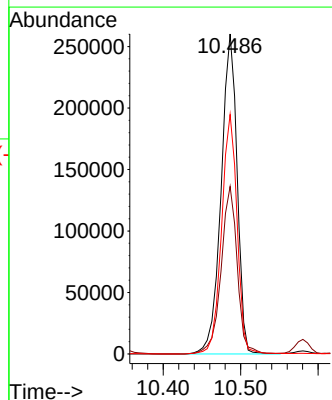
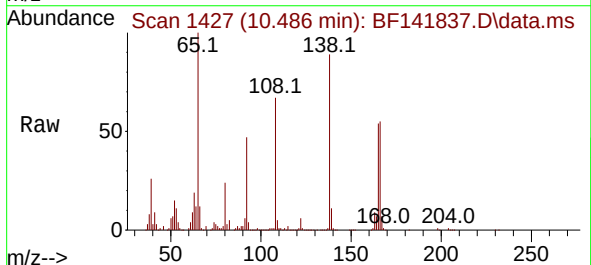
Instrument :
BNA_F
ClientSampleId :
PB166970BS

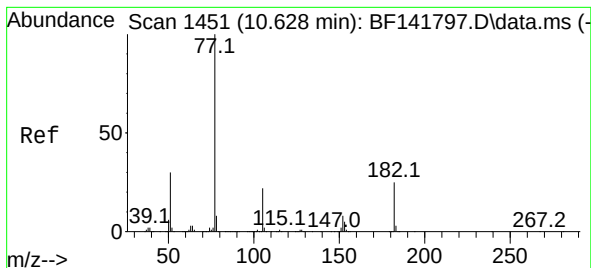
Tgt Ion:204 Resp: 693530
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 63.5 51.7 77.5



#62
4-Nitroaniline
Concen: 61.964 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:138 Resp: 374478
Ion Ratio Lower Upper
138 100
92 52.3 34.9 74.9
108 74.9 59.6 99.6





#63

Azobenzene

Concen: 40.082 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

Tgt Ion: 77 Resp: 1497236

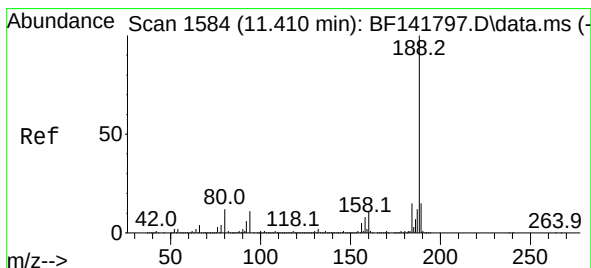
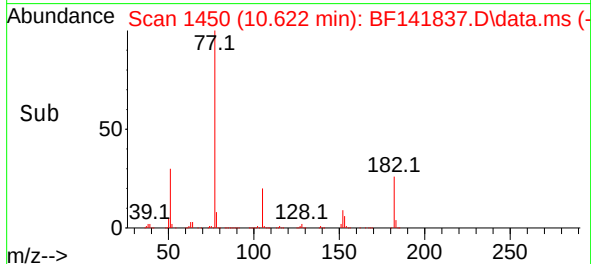
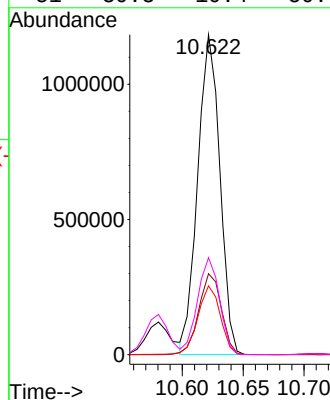
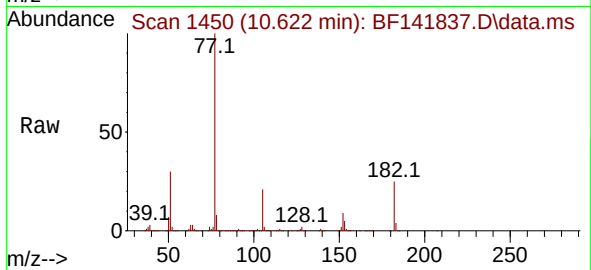
Ion Ratio Lower Upper

77 100

182 25.3 4.2 44.2

105 21.5 1.5 41.5

51 30.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

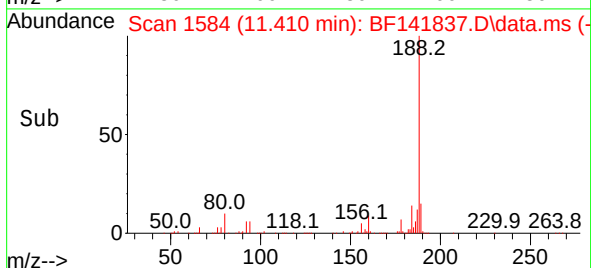
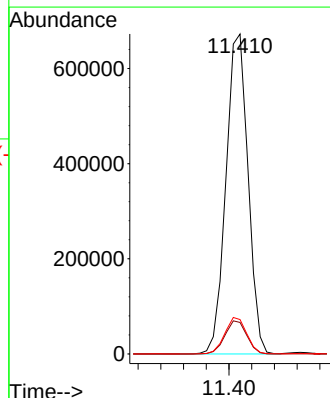
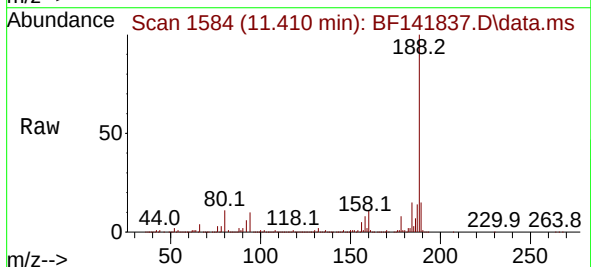
Tgt Ion:188 Resp: 907213

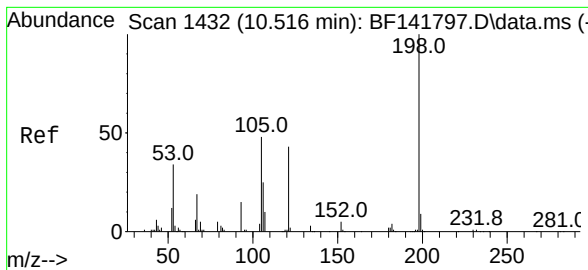
Ion Ratio Lower Upper

188 100

94 9.8 8.9 13.3

80 10.8 9.7 14.5

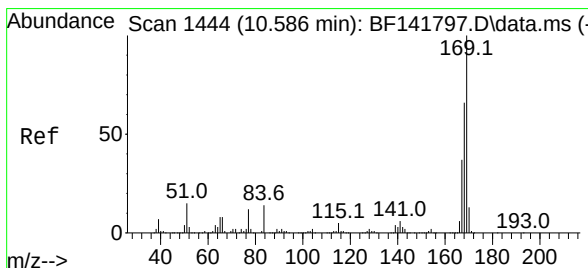
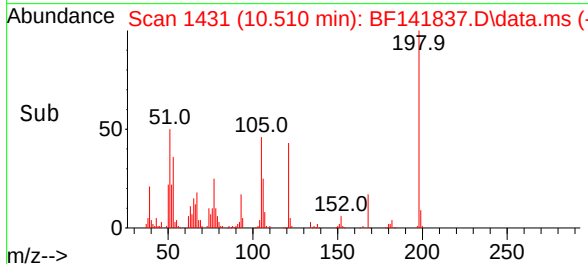
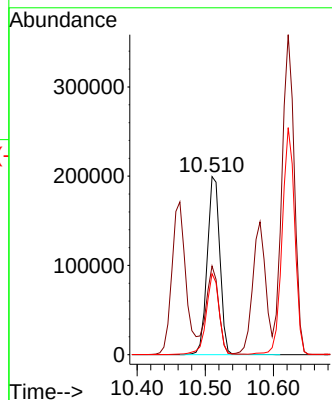
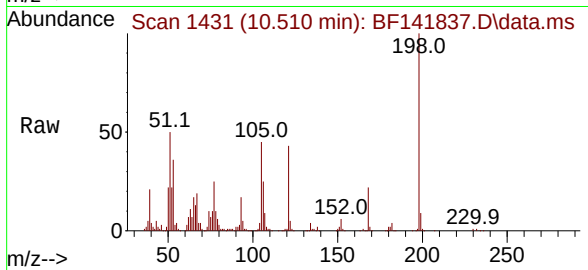




#65
4,6-Dinitro-2-methylphenol
Concen: 58.235 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

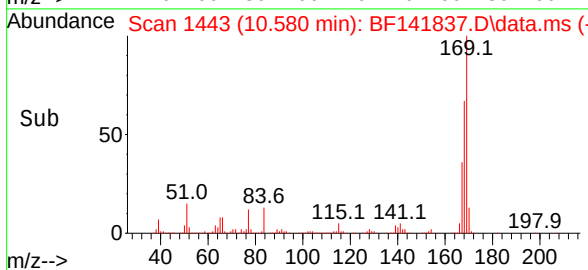
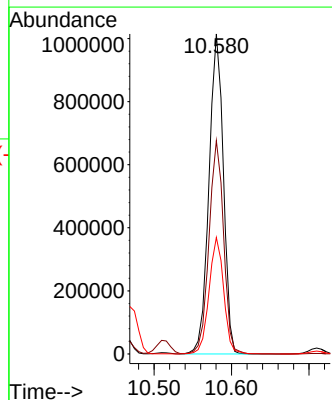
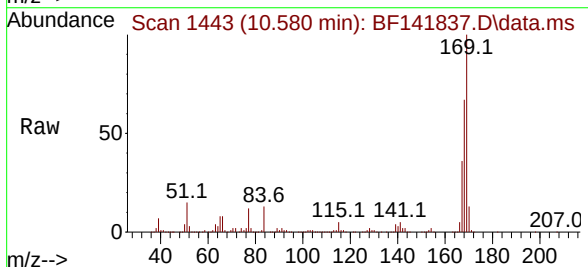
Instrument :
BNA_F
ClientSampleId :
PB166970BS

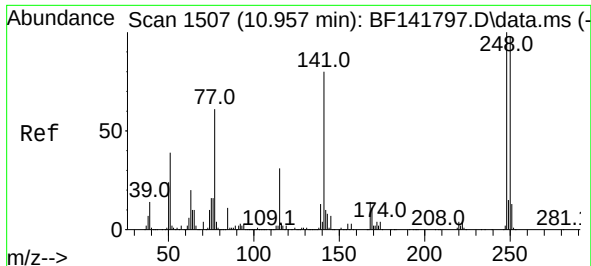
Tgt Ion:198 Resp: 257695
Ion Ratio Lower Upper
198 100
51 49.8 32.1 72.1
105 45.4 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.903 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:169 Resp: 1307870
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.4 29.3 43.9

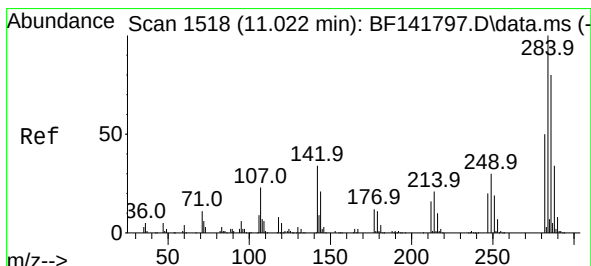
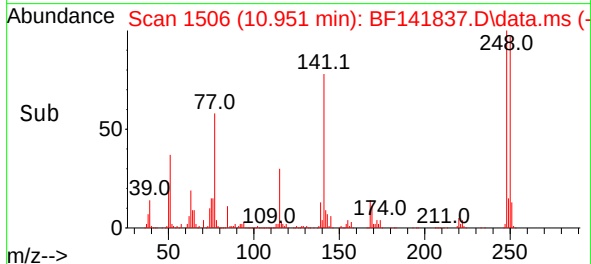
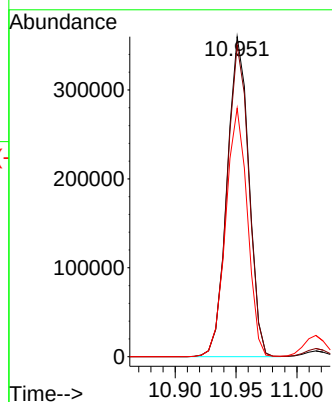
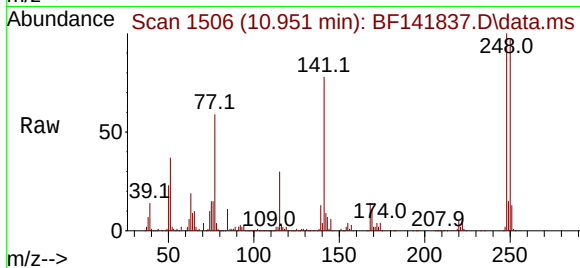




#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

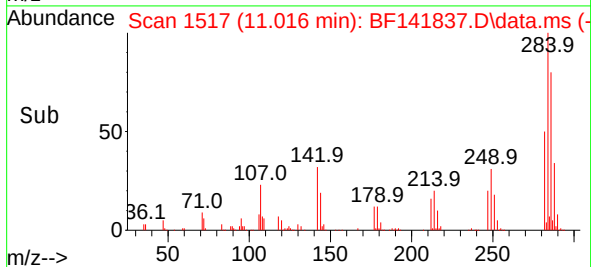
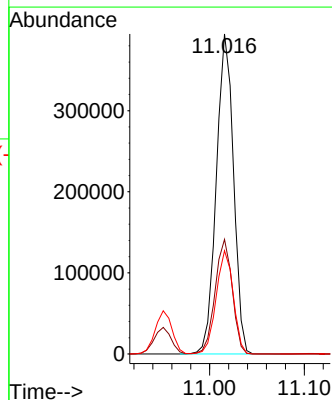
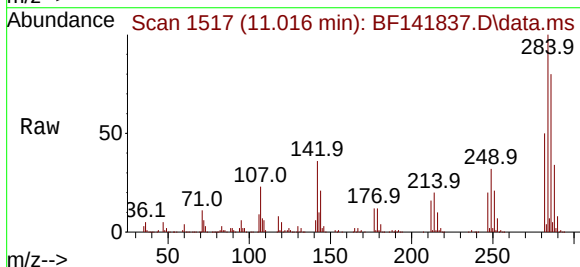
Instrument :
BNA_F
ClientSampleId :
PB166970BS

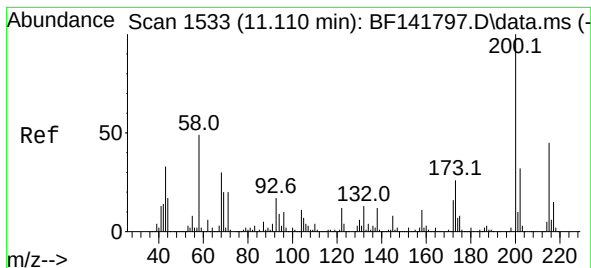
Tgt Ion:248 Resp: 448387
Ion Ratio Lower Upper
248 100
250 97.4 78.1 117.1
141 77.7 64.3 96.5



#68
Hexachlorobenzene
Concen: 44.468 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:284 Resp: 497585
Ion Ratio Lower Upper
284 100
142 35.8 28.2 42.2
249 32.2 25.5 38.3





#69

Atrazine

Concen: 62.195 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

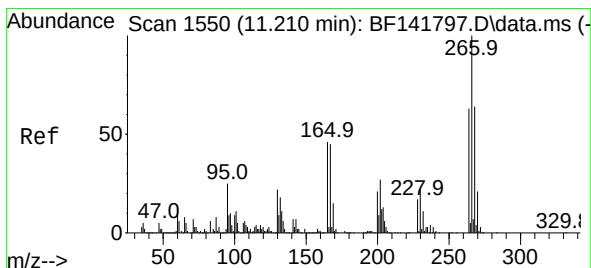
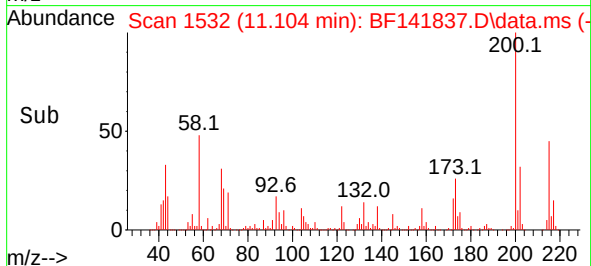
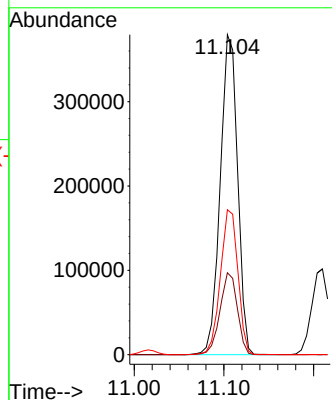
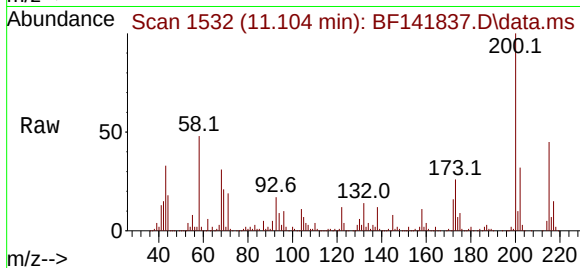
Tgt Ion:200 Resp: 509505

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

215 45.3 25.3 65.3



#70

Pentachlorophenol

Concen: 95.061 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

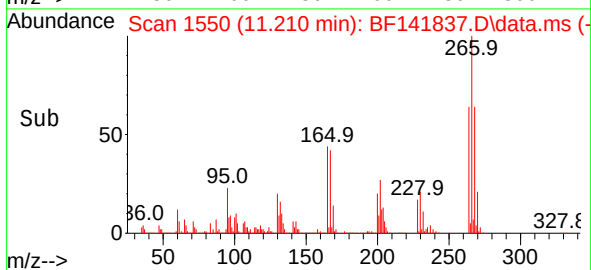
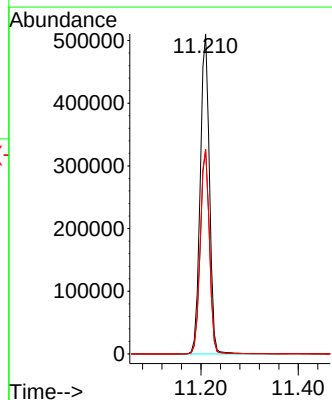
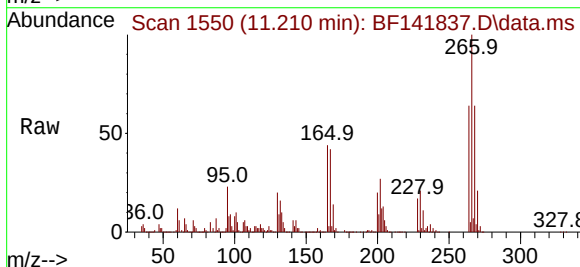
Tgt Ion:266 Resp: 674642

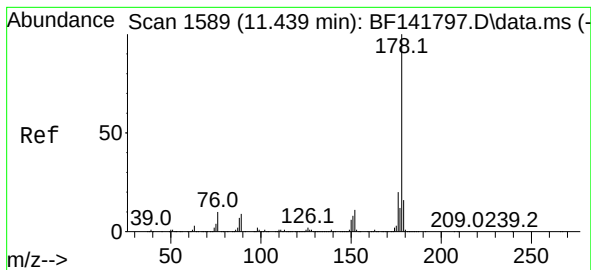
Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

264 64.0 50.2 75.4

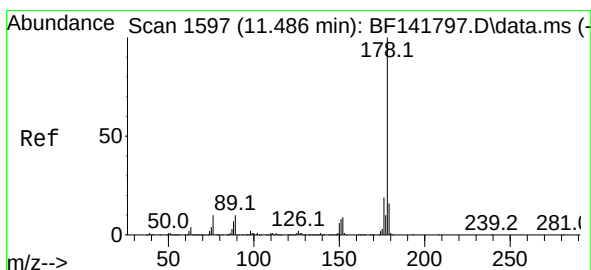
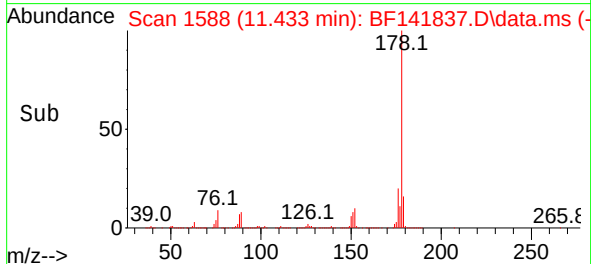
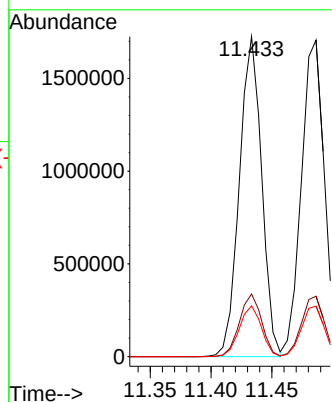
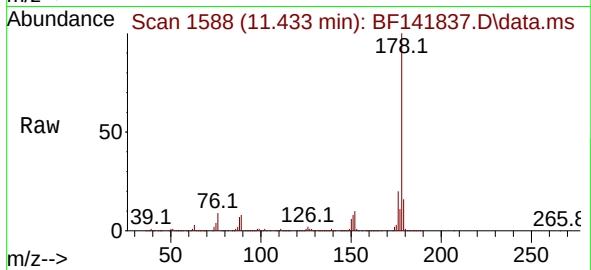




#71
Phenanthrene
Concen: 45.319 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

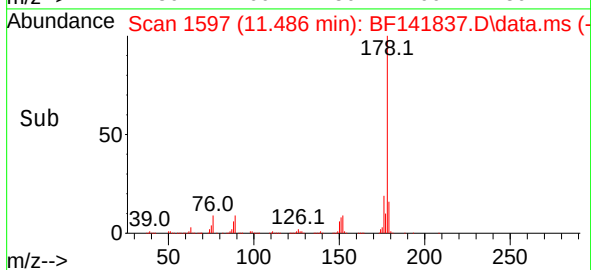
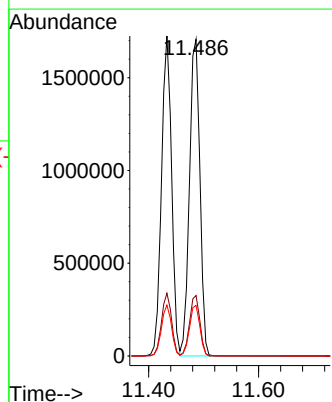
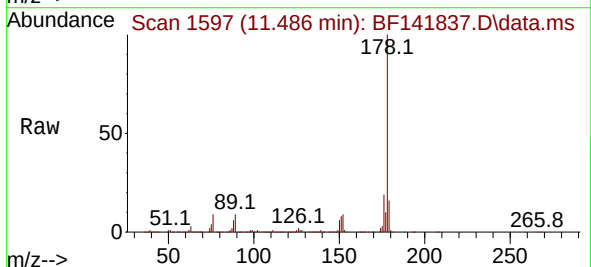
Instrument :
BNA_F
ClientSampleId :
PB166970BS

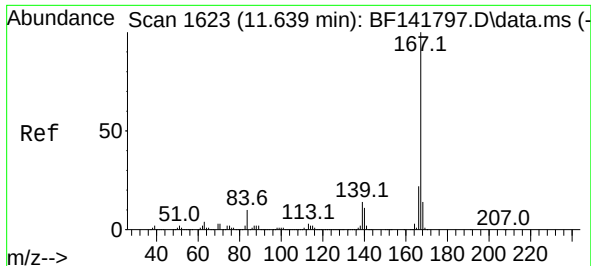
Tgt Ion:178 Resp: 2199181
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 46.083 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:178 Resp: 2241244
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.0 12.8 19.2

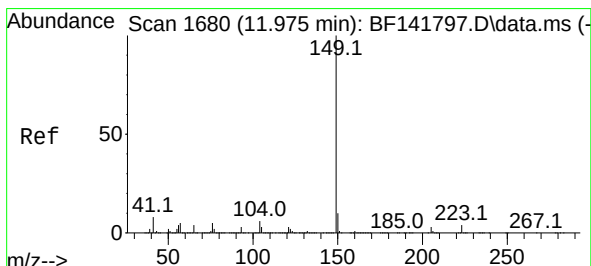
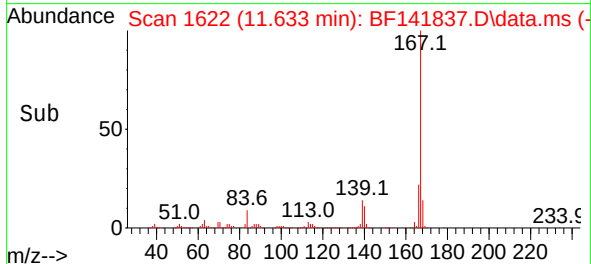
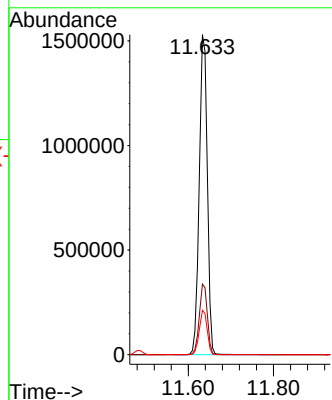
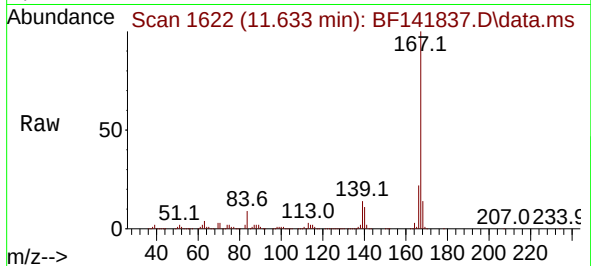




#73
 Carbazole
 Concen: 46.701 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

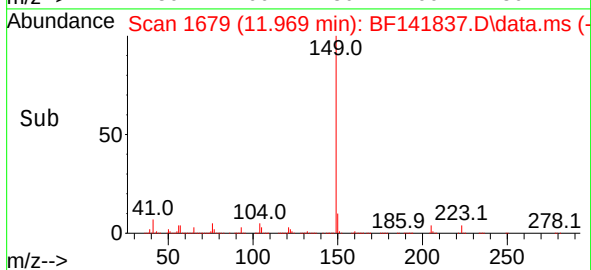
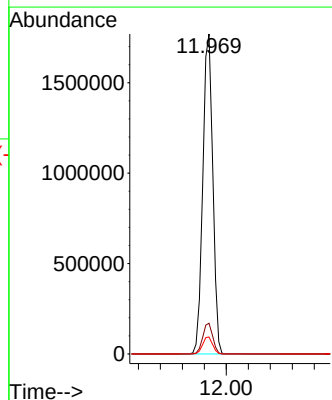
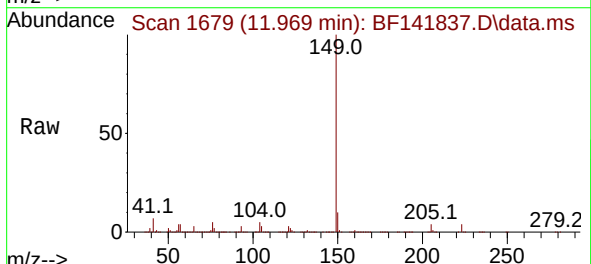
Instrument :
 BNA_F
 ClientSampleId :
 PB166970BS

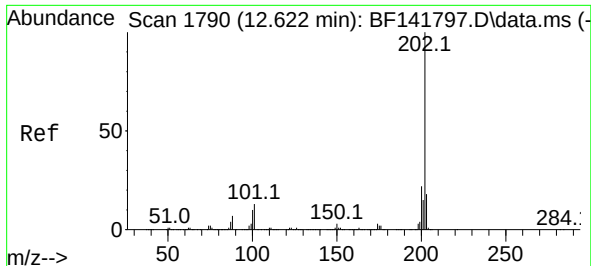
Tgt Ion:167 Resp: 2005738
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.8 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 41.030 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

Tgt Ion:149 Resp: 2233666
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.4 6.6

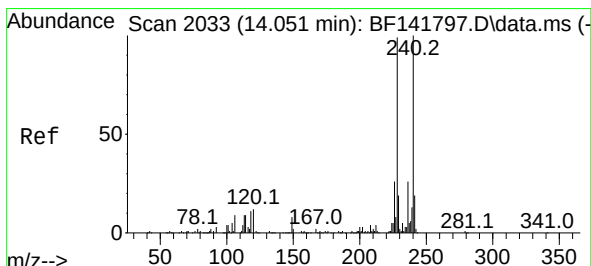
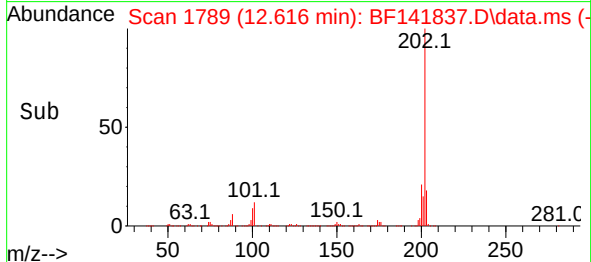
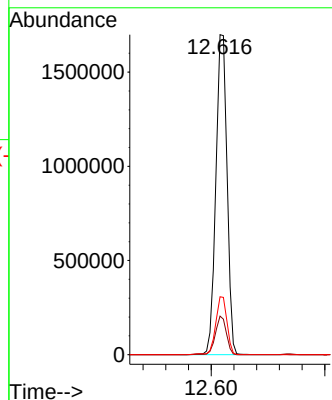
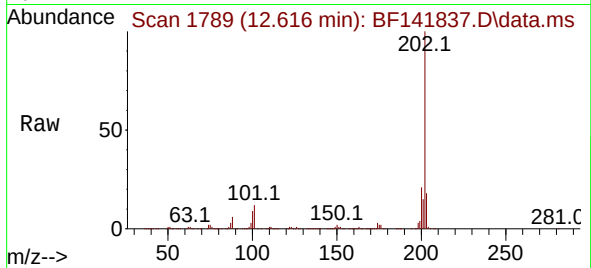




#75
Fluoranthene
Concen: 46.583 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

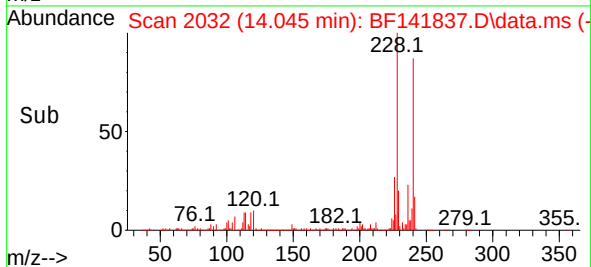
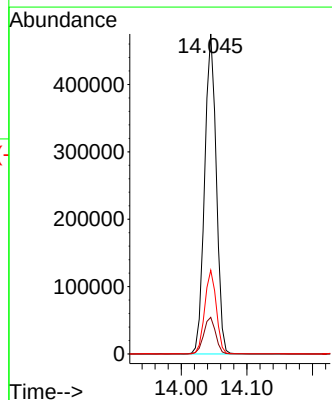
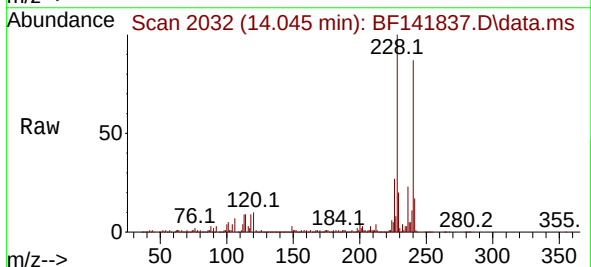
Instrument :
BNA_F
ClientSampleId :
PB166970BS

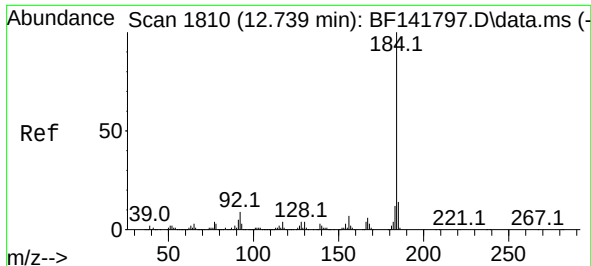
Tgt Ion:202 Resp: 2316260
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.8
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:240 Resp: 588159
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 26.1 21.0 31.4

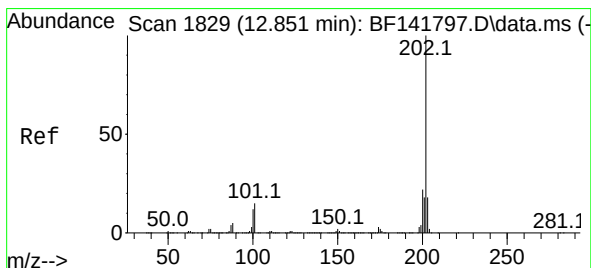
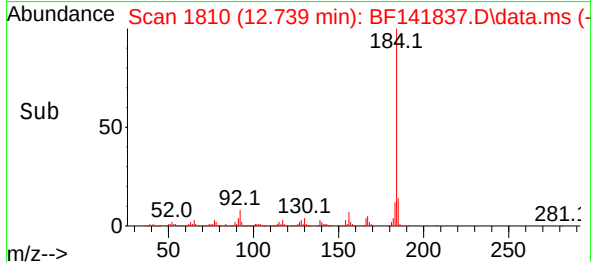
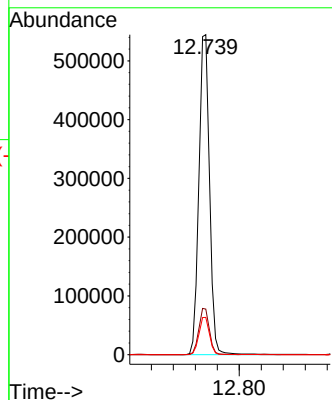
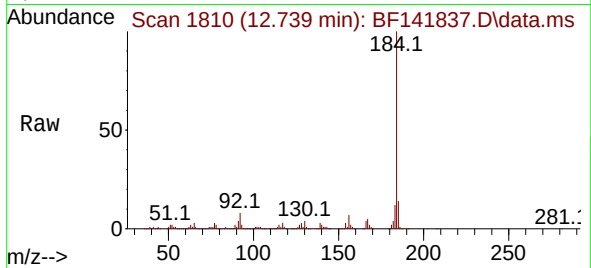




#77
Benzidine
Concen: 98.985 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

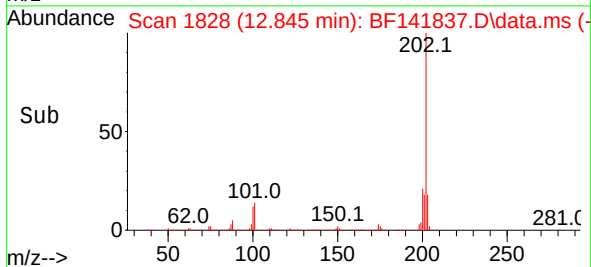
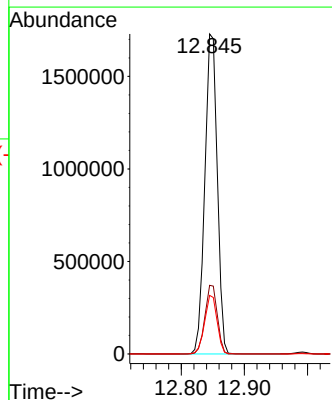
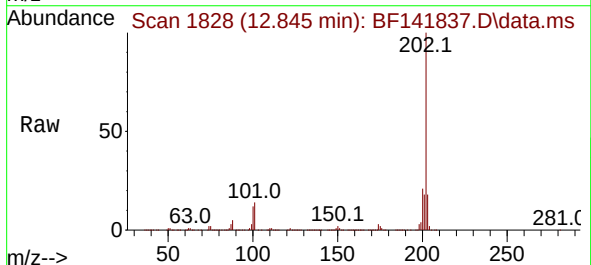
Instrument :
BNA_F
ClientSampleId :
PB166970BS

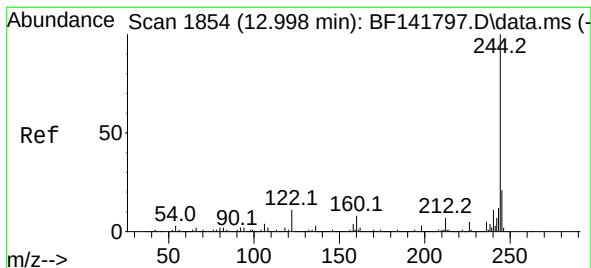
Tgt Ion:184 Resp: 732768
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 46.408 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:202 Resp: 2363583
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.0
203 18.3 14.6 22.0





#79

Terphenyl-d14

Concen: 98.864 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

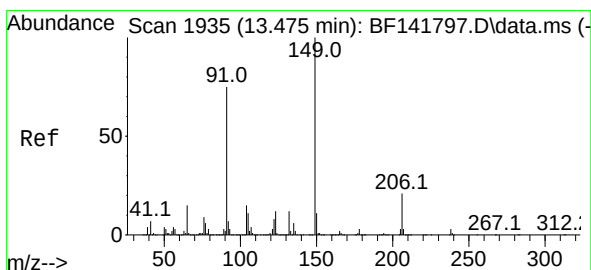
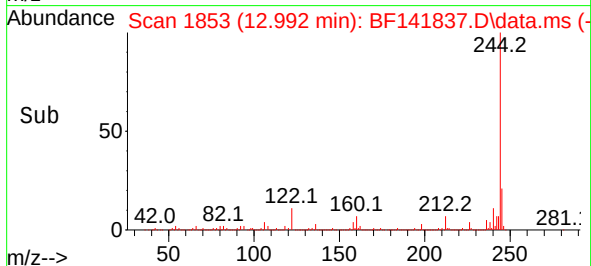
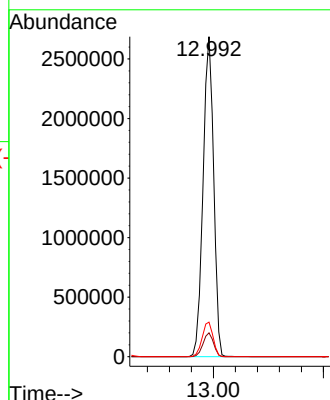
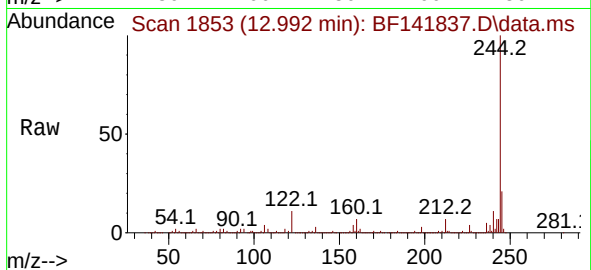
Tgt Ion:244 Resp: 3594001

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.8 9.0 13.6



#80

Butylbenzylphthalate

Concen: 47.846 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

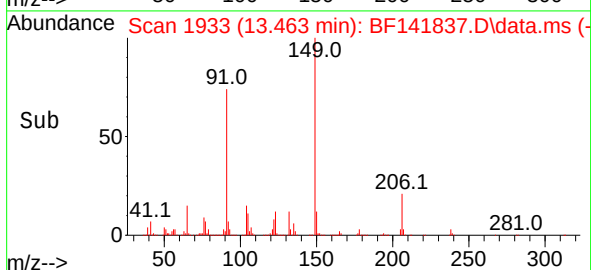
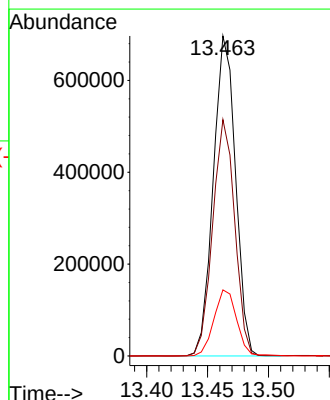
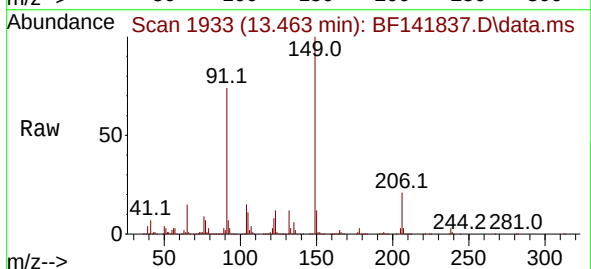
Tgt Ion:149 Resp: 885352

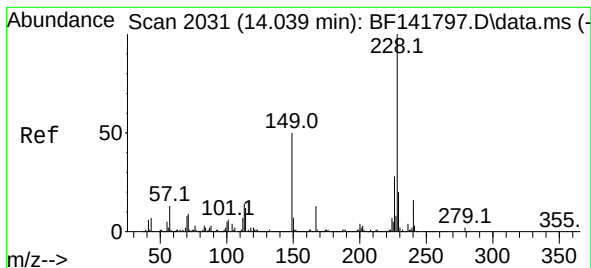
Ion Ratio Lower Upper

149 100

91 73.8 60.1 90.1

206 20.7 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.530 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

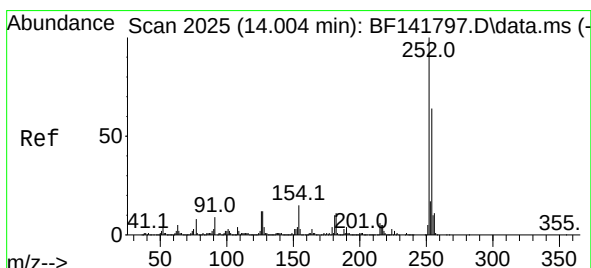
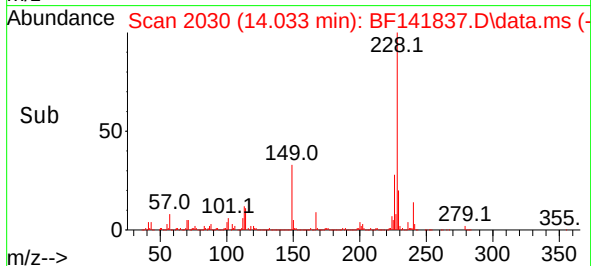
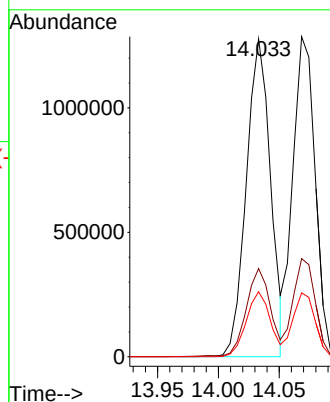
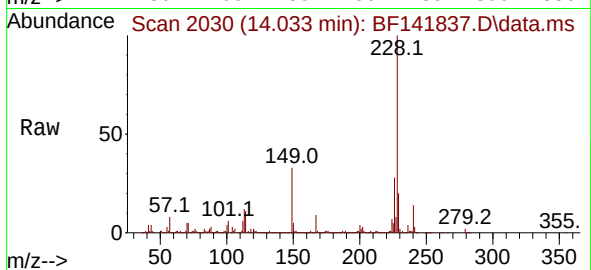
Tgt Ion:228 Resp: 1768789

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 26.009 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

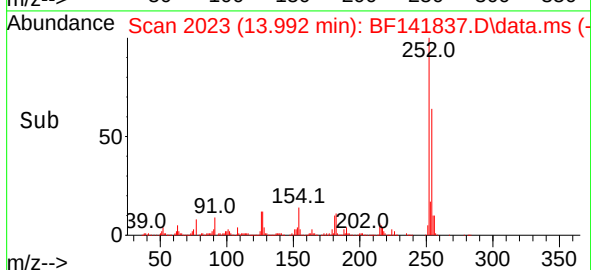
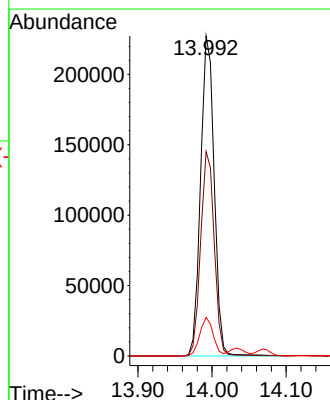
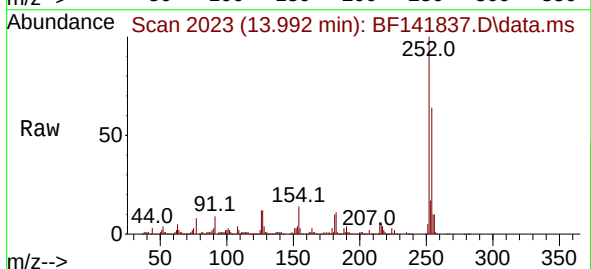
Tgt Ion:252 Resp: 289893

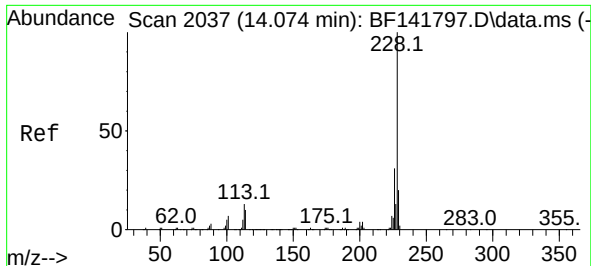
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 12.1 9.8 14.6

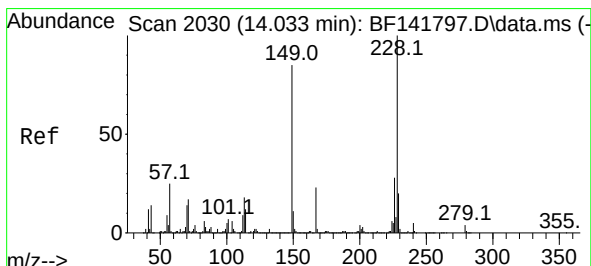
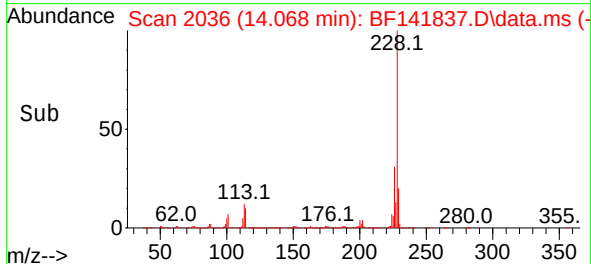
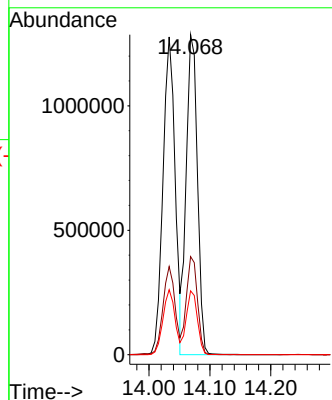
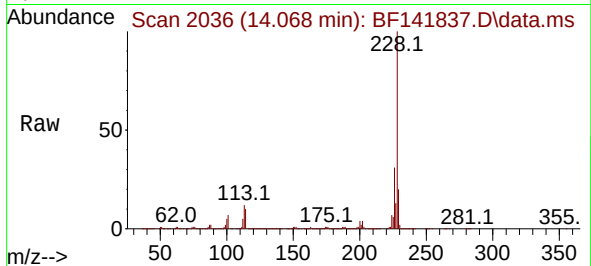




#83
Chrysene
Concen: 45.831 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

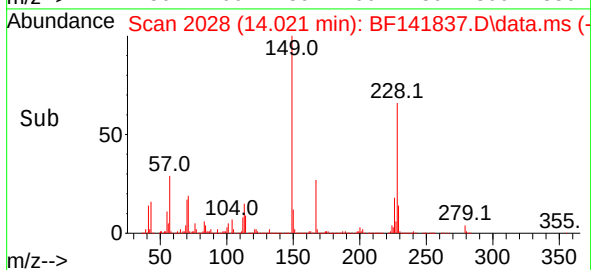
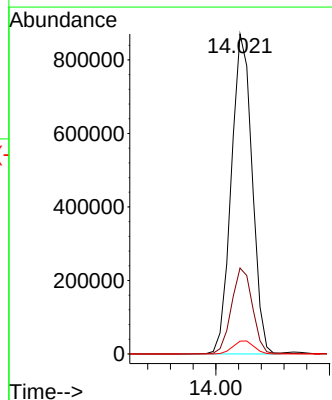
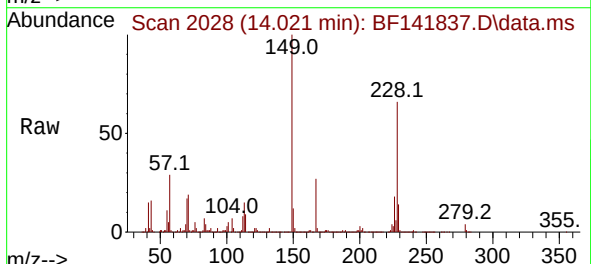
Instrument :
BNA_F
ClientSampleId :
PB166970BS

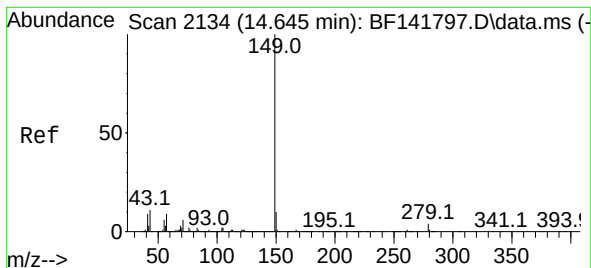
Tgt Ion:228 Resp: 1641298
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.0 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.040 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:149 Resp: 1106877
Ion Ratio Lower Upper
149 100
167 26.9 21.2 31.8
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.133 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

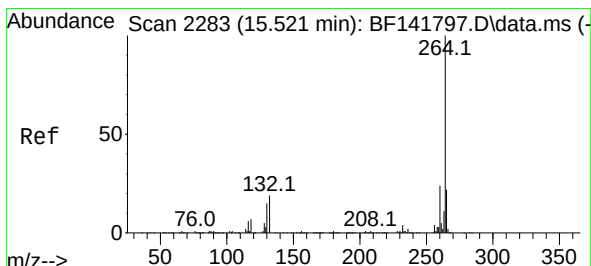
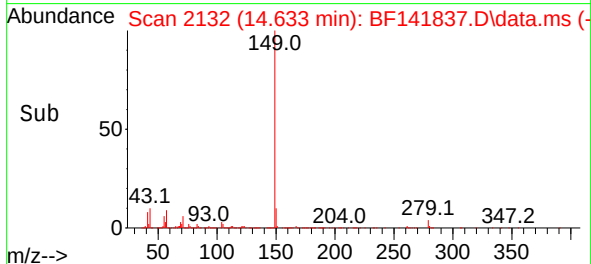
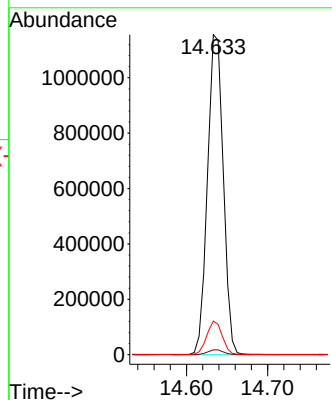
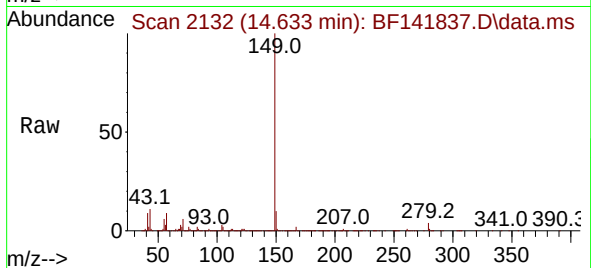
Tgt Ion:149 Resp: 1556856

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

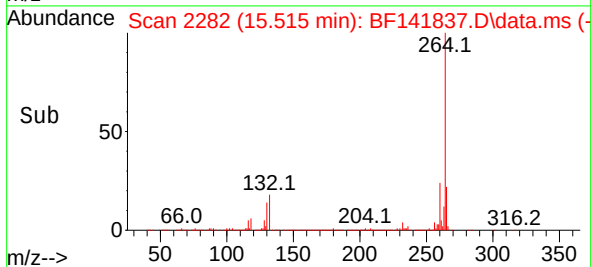
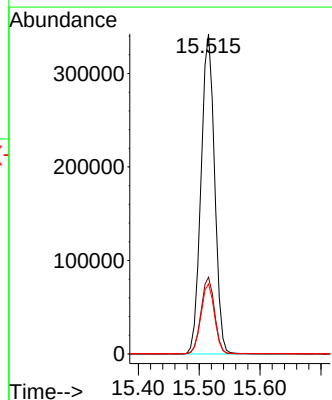
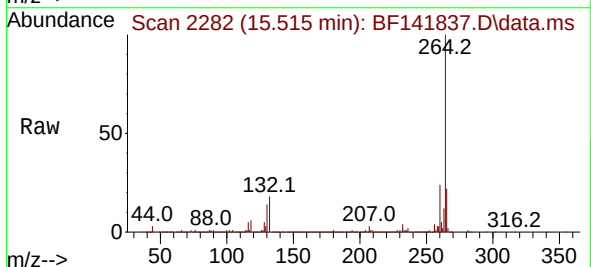
Tgt Ion:264 Resp: 530080

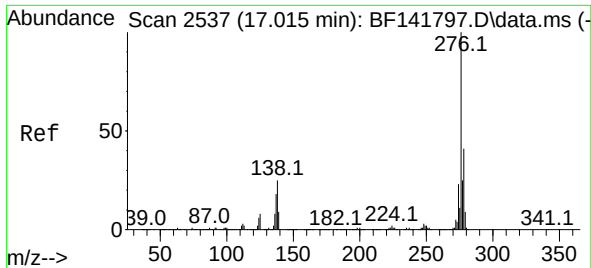
Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.9 17.4 26.0

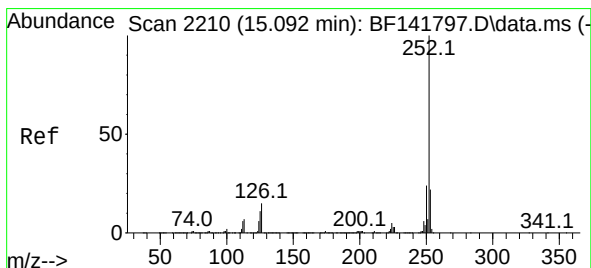
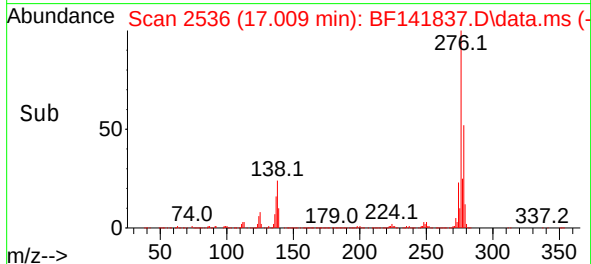
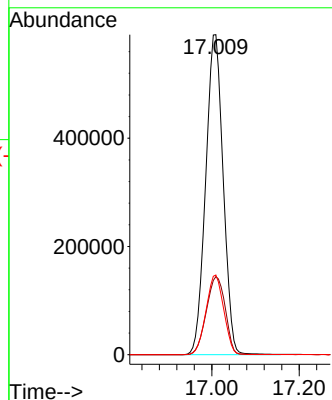
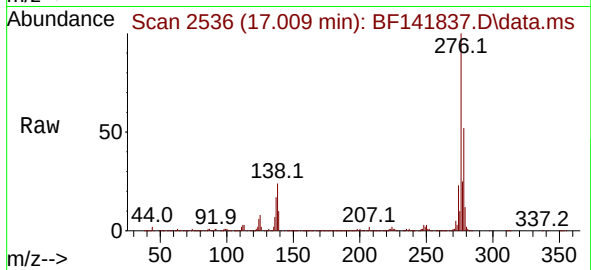




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.775 ng
RT: 17.009 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

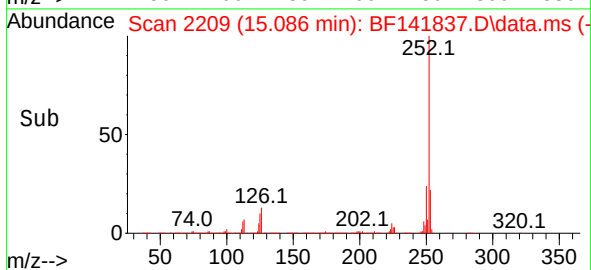
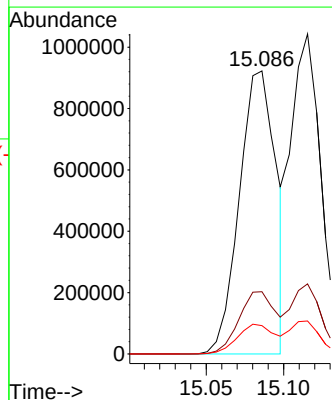
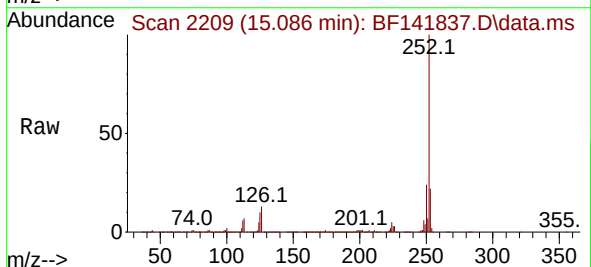
Instrument :
BNA_F
ClientSampleId :
PB166970BS

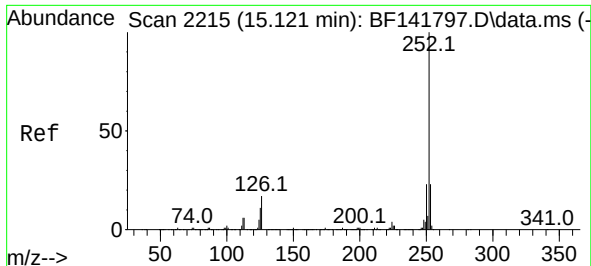
Tgt Ion:276 Resp: 1646356
Ion Ratio Lower Upper
276 100
138 26.3 22.5 33.7
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 42.058 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF141837.D
Acq: 05 Mar 2025 11:09

Tgt Ion:252 Resp: 1518600
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 45.341 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB166970BS

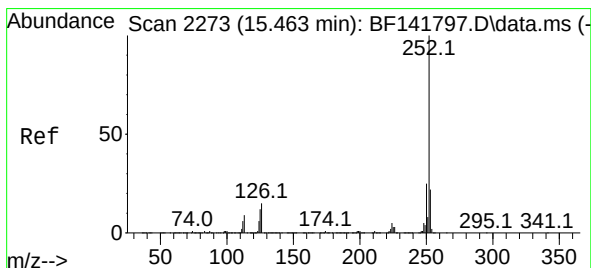
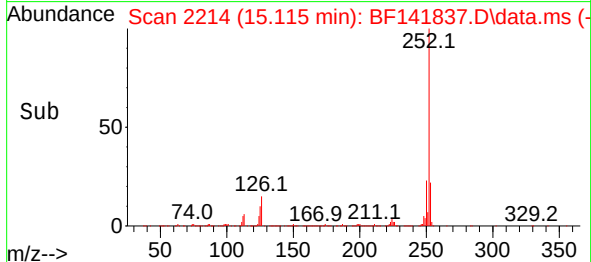
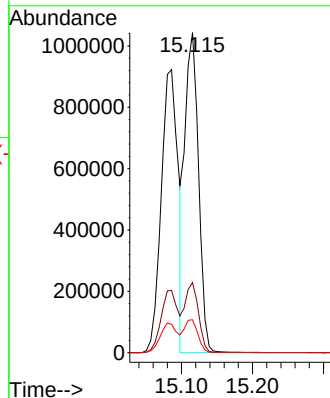
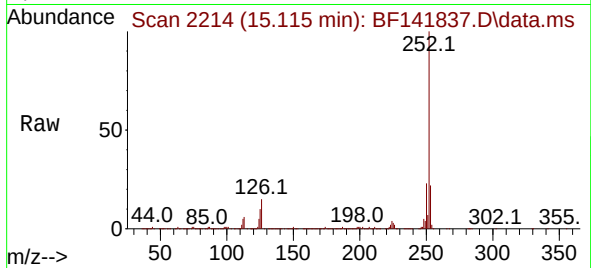
Tgt Ion:252 Resp: 1391500

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.3 8.8 13.2



#90

Benzo(a)pyrene

Concen: 47.348 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF141837.D

Acq: 05 Mar 2025 11:09

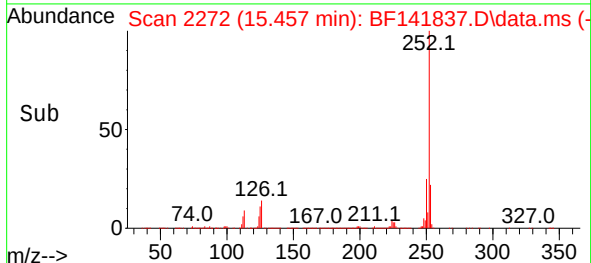
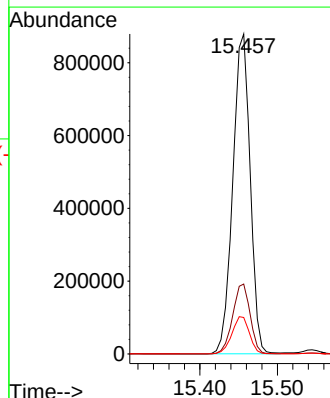
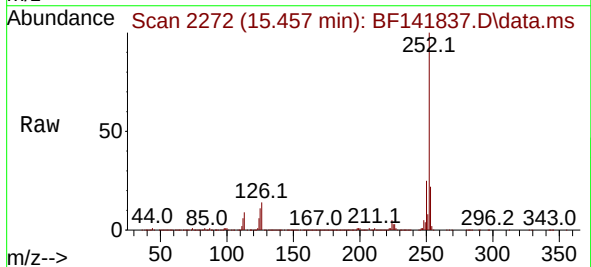
Tgt Ion:252 Resp: 1371079

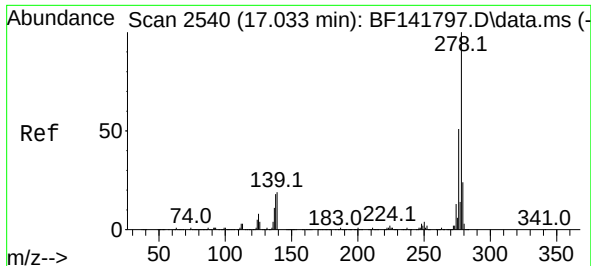
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.4 9.4 14.2

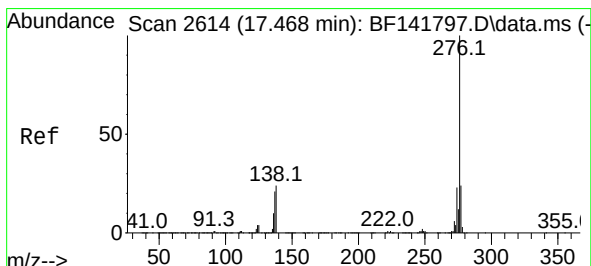
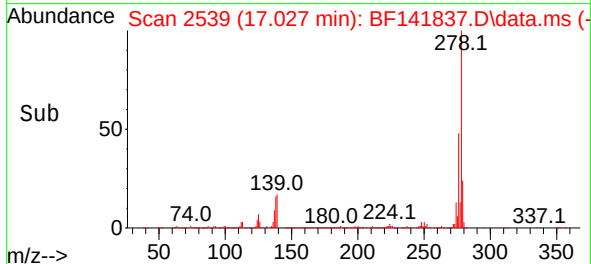
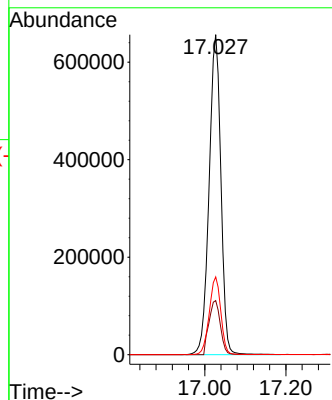
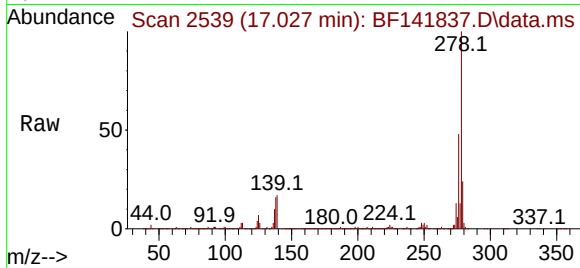




#91
 Dibenzo(a,h)anthracene
 Concen: 47.827 ng
 RT: 17.027 min Scan# 2540
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB166970BS

Tgt Ion:278 Resp: 1317720
 Ion Ratio Lower Upper
 278 100
 139 16.9 14.9 22.3
 279 24.3 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 45.366 ng
 RT: 17.462 min Scan# 2613
 Delta R.T. -0.006 min
 Lab File: BF141837.D
 Acq: 05 Mar 2025 11:09

Tgt Ion:276 Resp: 1280496
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.4 29.0
 138 22.0 19.3 28.9

