

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142596.D
 Acq On : 02 Jun 2025 14:23
 Operator : RC/JU
 Sample : PB168235BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121815	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	480019	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	267337	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	467735	20.000	ng	0.00
76) Chrysene-d12	14.074	240	244296	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	271289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859387	118.857	ng	0.01
7) Phenol-d6	6.528	99	1054388	121.142	ng	0.00
23) Nitrobenzene-d5	7.463	82	643375	73.086	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	362774	122.265	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1387378	69.638	ng	-0.01
79) Terphenyl-d14	13.016	244	1353021	75.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	99567	34.413	ng	100
3) Pyridine	3.516	79	281828	38.251	ng	98
4) n-Nitrosodimethylamine	3.469	42	153136	40.029	ng	89
6) Aniline	6.563	93	374034	31.961	ng	100
8) 2-Chlorophenol	6.687	128	335779	42.636	ng	100
9) Benzaldehyde	6.451	77	175660	33.555	ng	100
10) Phenol	6.545	94	406297	41.486	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	295502	41.917	ng	99
12) 1,3-Dichlorobenzene	6.839	146	353667	40.245	ng	99
13) 1,4-Dichlorobenzene	6.916	146	361425	40.829	ng	98
14) 1,2-Dichlorobenzene	7.069	146	346239	40.877	ng	99
15) Benzyl Alcohol	7.039	79	270724	42.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	489983	41.387	ng	97
17) 2-Methylphenol	7.151	107	263017	42.776	ng	99
18) Hexachloroethane	7.410	117	124536	40.290	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	219266	40.649	ng	98
20) 3+4-Methylphenols	7.304	107	328466	41.715	ng	99
22) Acetophenone	7.310	105	430279	40.493	ng	99
24) Nitrobenzene	7.481	77	322571	40.628	ng	100
25) Isophorone	7.722	82	602379	40.928	ng	99
26) 2-Nitrophenol	7.798	139	183337	43.216	ng	96
27) 2,4-Dimethylphenol	7.834	122	319594	42.718	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	381998	41.548	ng	99
29) 2,4-Dichlorophenol	8.039	162	293761	43.176	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	302860	41.016	ng	98
31) Naphthalene	8.204	128	969182	41.005	ng	100
32) Benzoic acid	7.957	122	214093	47.010	ng	96
33) 4-Chloroaniline	8.251	127	173118	18.076	ng	98
34) Hexachlorobutadiene	8.322	225	185656	40.268	ng	99
35) Caprolactam	8.663	113	35648	18.655	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	301488	43.238	ng	97
37) 2-Methylnaphthalene	8.898	142	603600	40.592	ng	99
38) 1-Methylnaphthalene	8.998	142	625578	40.672	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	307355	40.051	ng	99
41) Hexachlorocyclopentadiene	9.051	237	402562	77.762	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	216571	41.851	ng	97

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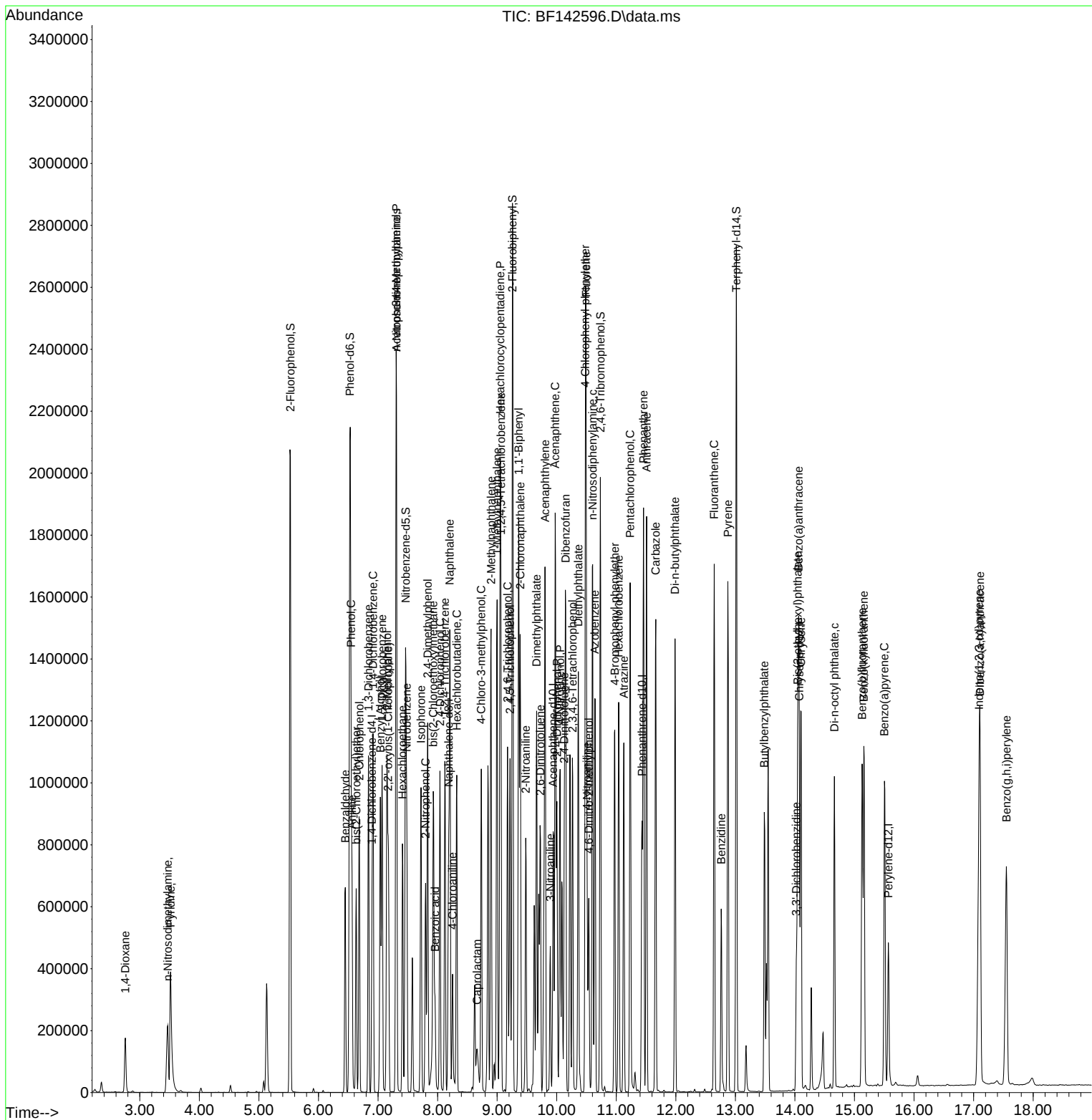
Instrument :
 BNA_F
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Quant Time: Jun 02 14:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	231921	42.495	ng	99
46) 1,1'-Biphenyl	9.363	154	840854	40.542	ng	99
47) 2-Chloronaphthalene	9.386	162	623705	40.702	ng	99
48) 2-Nitroaniline	9.480	65	192120	43.375	ng	98
49) Acenaphthylene	9.804	152	1063876	41.115	ng	100
50) Dimethylphthalate	9.663	163	758859	43.020	ng	100
51) 2,6-Dinitrotoluene	9.728	165	168232	44.188	ng	95
52) Acenaphthene	9.975	154	714616	45.228	ng	99
53) 3-Nitroaniline	9.892	138	108414	26.071	ng	98
54) 2,4-Dinitrophenol	10.004	184	195823	99.556	ng	92
55) Dibenzofuran	10.151	168	935965	41.165	ng	98
56) 4-Nitrophenol	10.057	139	275219	89.699	ng	97
57) 2,4-Dinitrotoluene	10.128	165	229516	46.161	ng	99
58) Fluorene	10.492	166	728508	41.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	197146	43.271	ng	99
60) Diethylphthalate	10.363	149	742673	43.109	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	358107	41.501	ng	98
62) 4-Nitroaniline	10.510	138	173033	45.880	ng	97
63) Azobenzene	10.639	77	654721	42.312	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	124652	47.754	ng	98
66) n-Nitrosodiphenylamine	10.604	169	657300	41.076	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	226677	40.986	ng	97
68) Hexachlorobenzene	11.039	284	254337	41.579	ng	100
69) Atrazine	11.127	200	197333	46.434	ng	100
70) Pentachlorophenol	11.233	266	286493	82.956	ng	99
71) Phenanthrene	11.457	178	1030386	41.221	ng	100
72) Anthracene	11.510	178	1047674	41.067	ng	99
73) Carbazole	11.663	167	915413	41.974	ng	99
74) Di-n-butylphthalate	11.986	149	1054540	44.174	ng	100
75) Fluoranthene	12.645	202	993361	42.530	ng	98
77) Benzidine	12.763	184	337902	37.169	ng	99
78) Pyrene	12.874	202	974927	42.780	ng	100
80) Butylbenzylphthalate	13.486	149	310361	49.286	ng	99
81) Benzo(a)anthracene	14.063	228	692921	42.477	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	129835	26.241	ng	98
83) Chrysene	14.104	228	640831	43.718	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	396090	49.135	ng	99
85) Di-n-octyl phthalate	14.663	149	689795	43.763	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	828706	40.689	ng	98
88) Benzo(b)fluoranthene	15.127	252	704885	43.901	ng	98
89) Benzo(k)fluoranthene	15.157	252	599933	39.893	ng	97
90) Benzo(a)pyrene	15.504	252	651737	43.063	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	679455	41.133	ng	99
92) Benzo(g,h,i)perylene	17.551	276	670764	40.598	ng	98

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

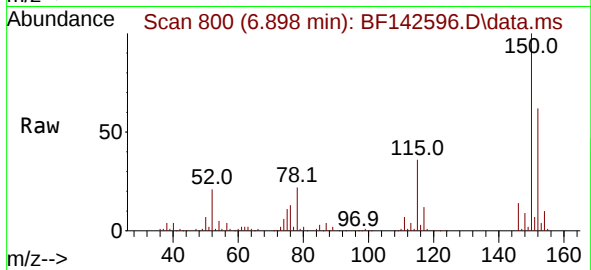
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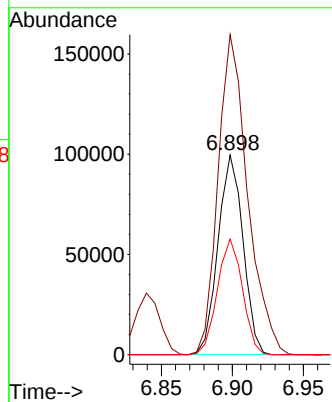
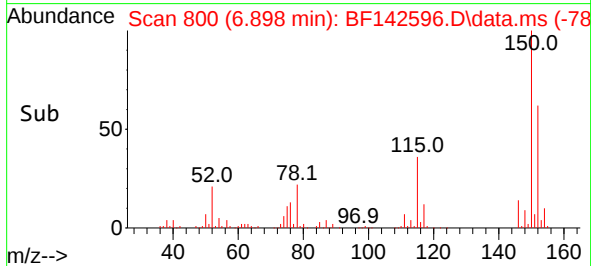


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

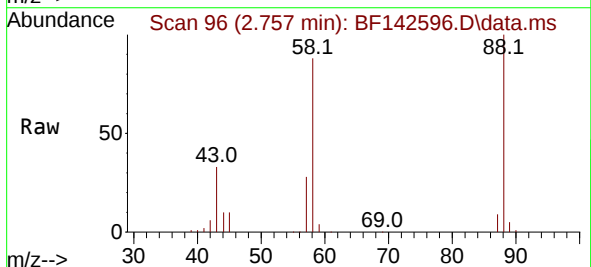
Instrument :
 BNA_F
 ClientSampleId :



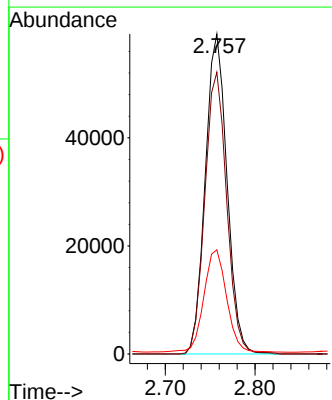
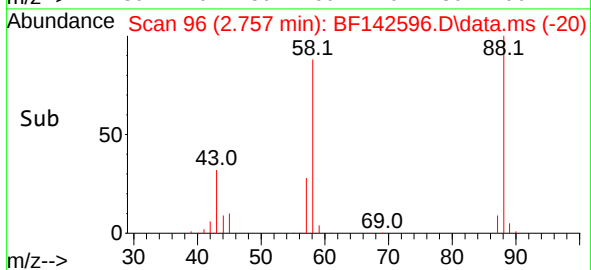
Tgt Ion:152 Resp: 121815
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.2 192.4
 115 58.0 48.3 72.5

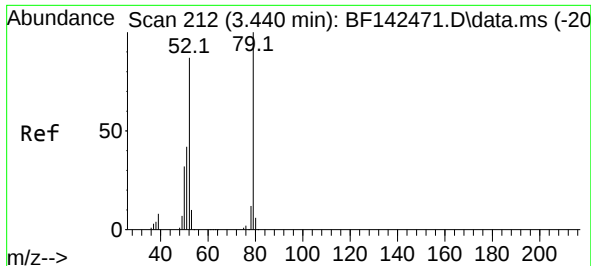


#2
 1,4-Dioxane
 Concen: 34.413 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23



Tgt Ion: 88 Resp: 99567
 Ion Ratio Lower Upper
 88 100
 58 88.7 70.8 106.2
 43 33.6 26.6 40.0





#3

Pyridine

Concen: 38.251 ng

RT: 3.516 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

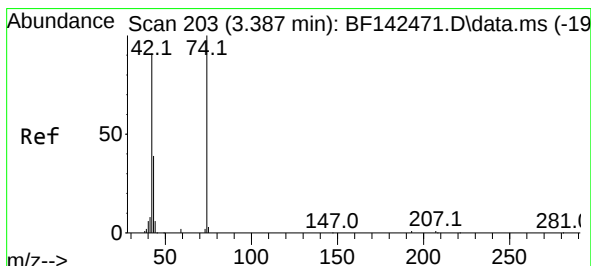
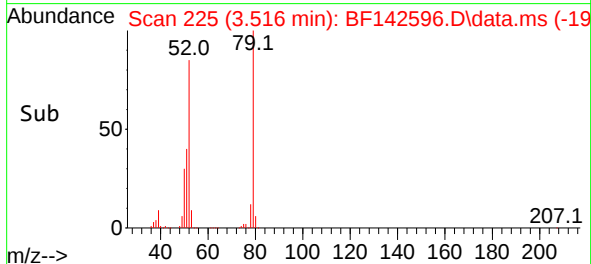
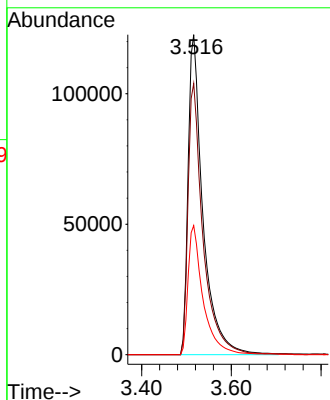
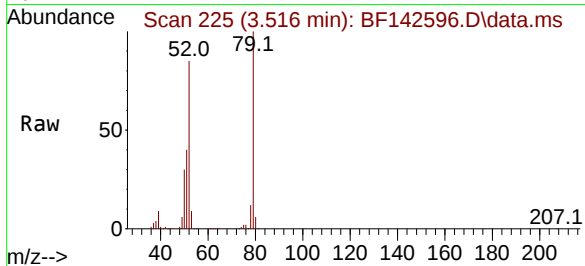
Tgt Ion: 79 Resp: 281828

Ion Ratio Lower Upper

79 100

52 84.7 69.2 103.8

51 40.4 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 40.029 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.065 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

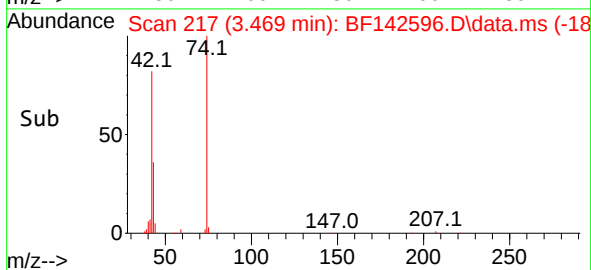
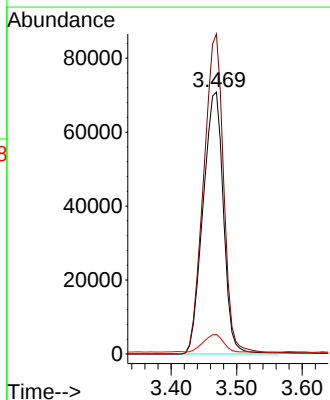
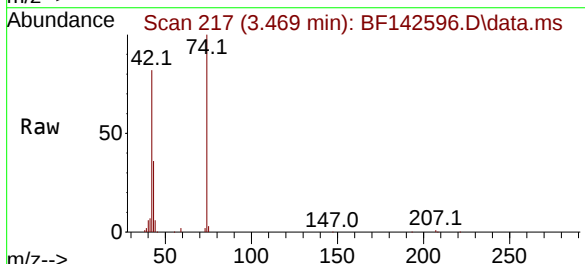
Tgt Ion: 42 Resp: 153136

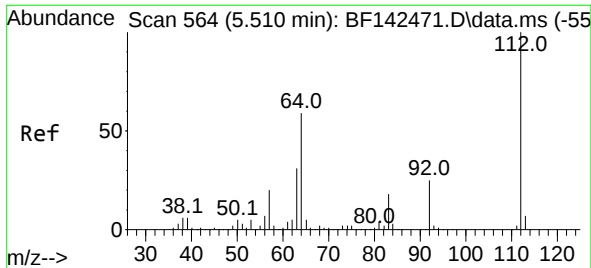
Ion Ratio Lower Upper

42 100

74 122.2 88.2 132.4

44 7.5 5.4 8.2

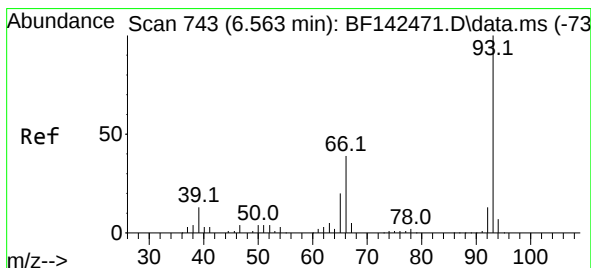
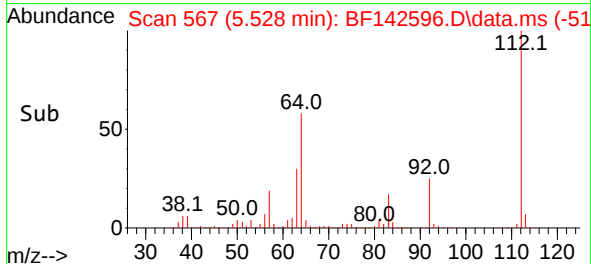
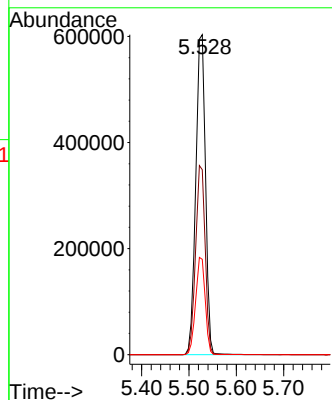
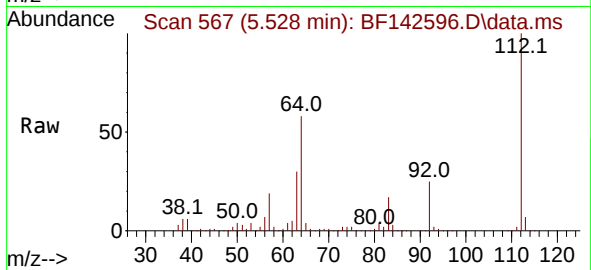




#5
2-Fluorophenol
Concen: 118.857 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

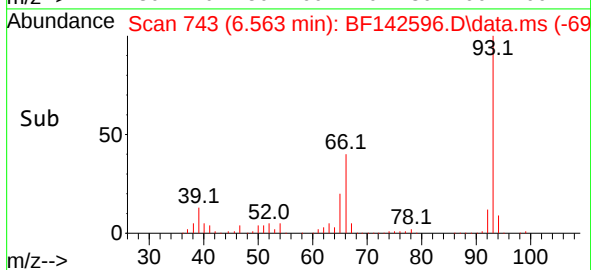
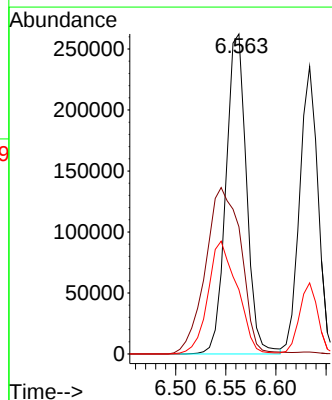
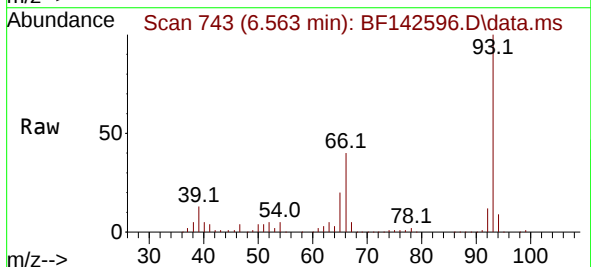
Instrument :
BNA_F
ClientSampleId :

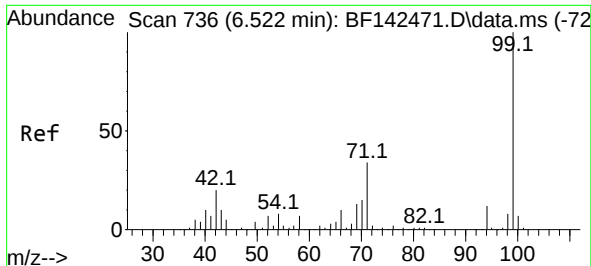
Tgt Ion:112 Resp: 859387
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.8 24.9 37.3



#6
Aniline
Concen: 31.961 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

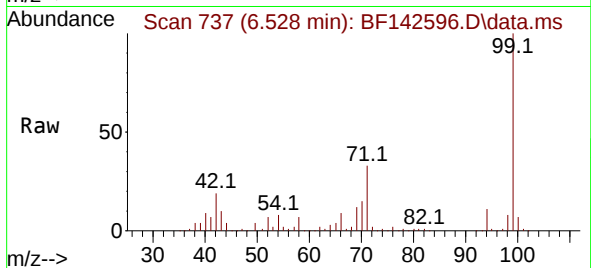
Tgt Ion: 93 Resp: 374034
Ion Ratio Lower Upper
93 100
66 39.8 32.0 48.0
65 20.1 16.1 24.1





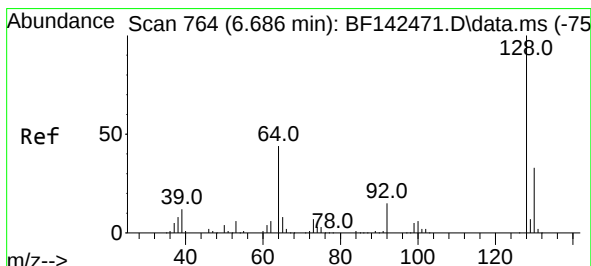
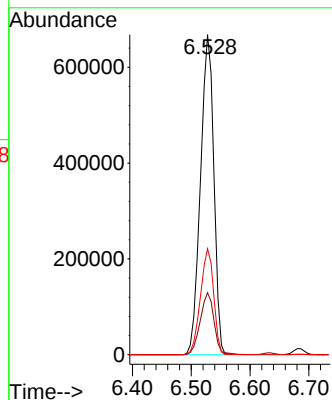
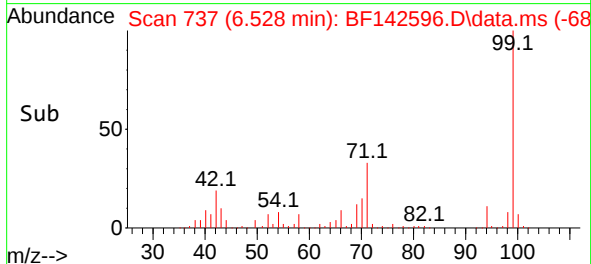
#7
Phenol-d6
Concen: 121.142 ng
RT: 6.528 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

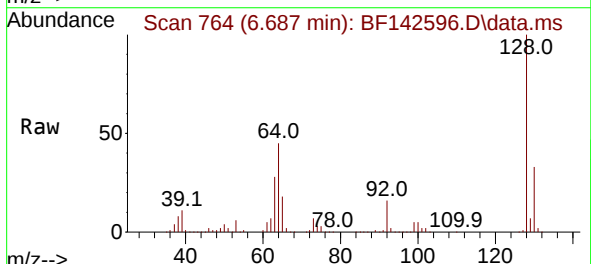


Tgt Ion: 99 Resp: 1054388

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.1	27.3	40.9

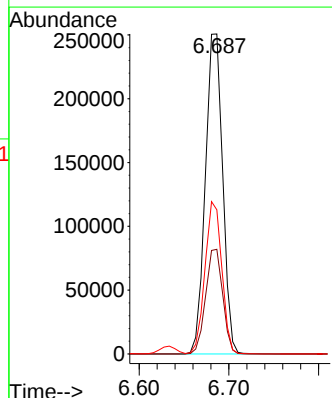
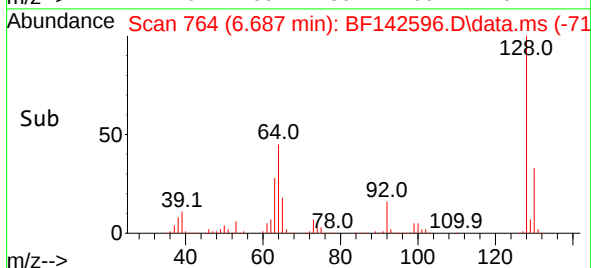


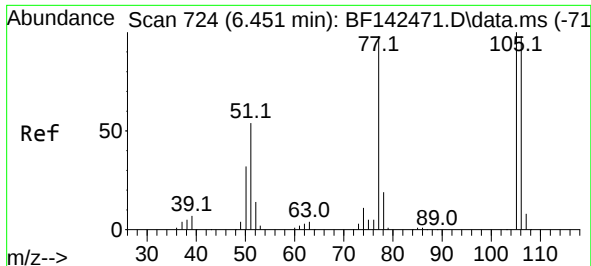
#8
2-Chlorophenol
Concen: 42.636 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion: 128 Resp: 335779

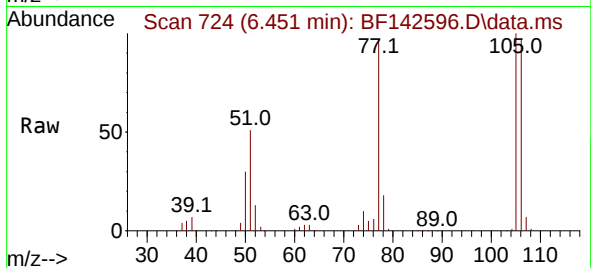
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	45.1	25.1	65.1



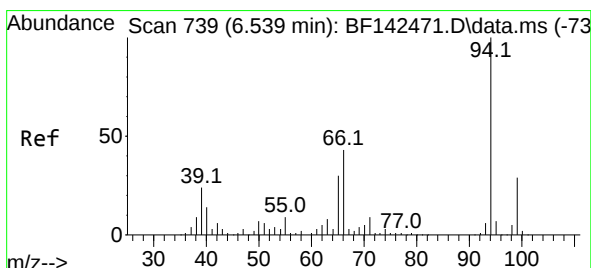
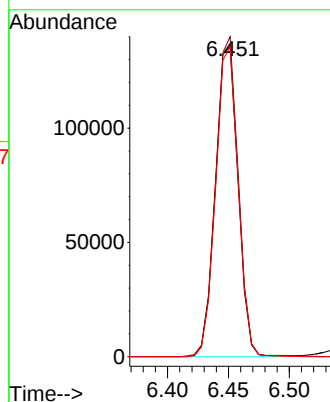
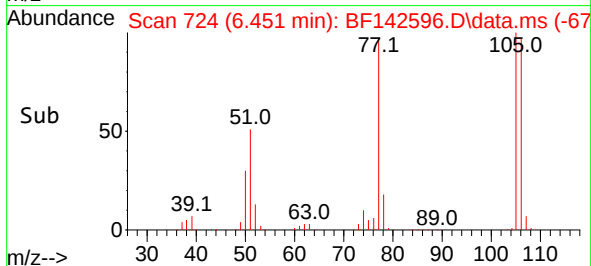


#9
Benzaldehyde
Concen: 33.555 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

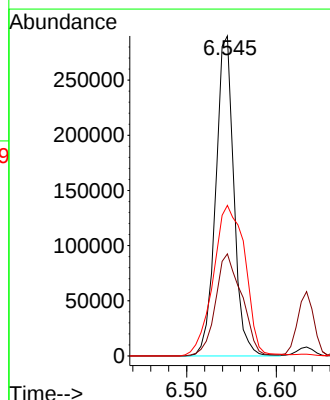
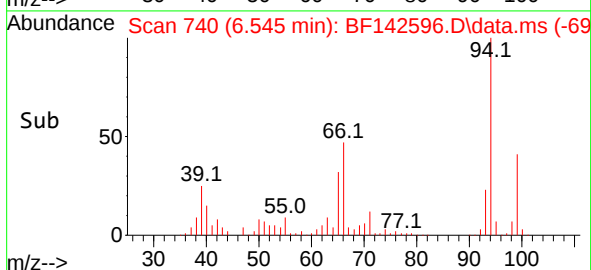
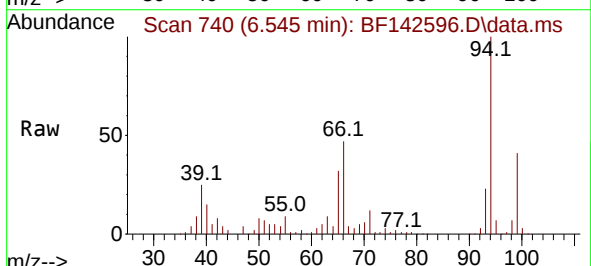


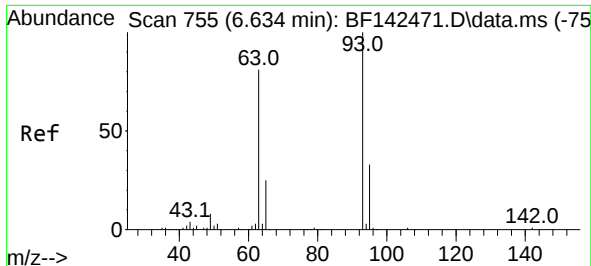
Tgt Ion: 77 Resp: 175660
Ion Ratio Lower Upper
77 100
105 103.1 82.5 122.5
106 99.9 80.0 120.0



#10
Phenol
Concen: 41.486 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion: 94 Resp: 406297
Ion Ratio Lower Upper
94 100
65 31.9 10.3 50.3
66 47.1 22.6 62.6

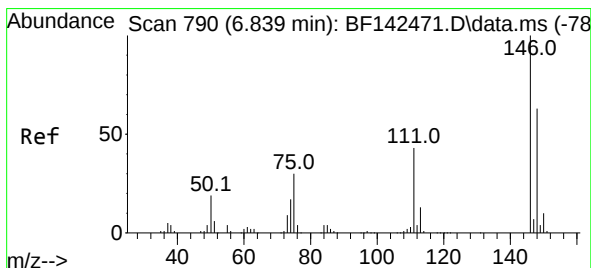
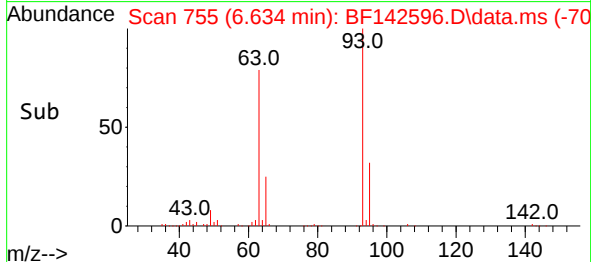
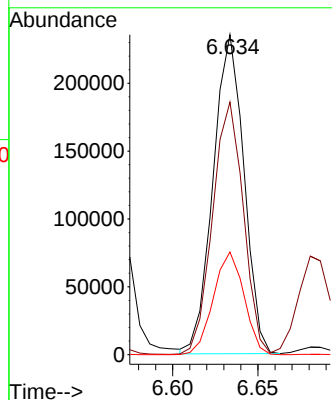
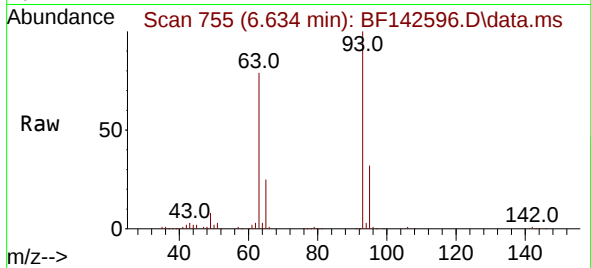




#11
bis(2-Chloroethyl)ether
Concen: 41.917 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

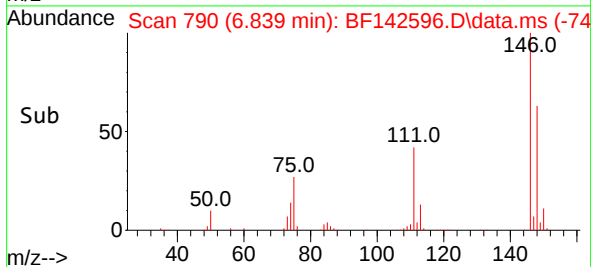
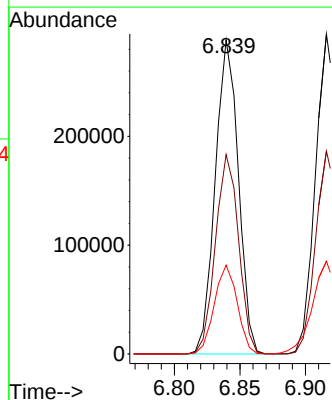
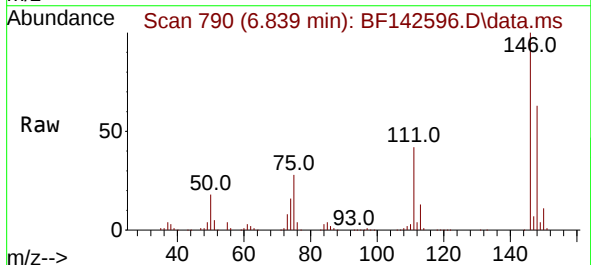
Instrument :
BNA_F
ClientSampleId :

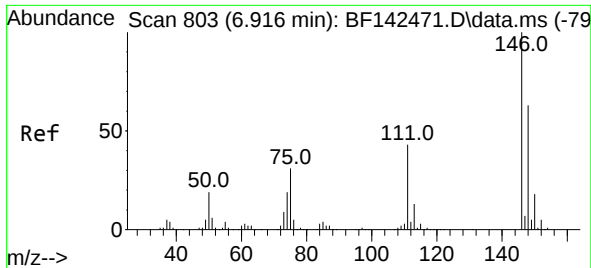
Tgt Ion: 93 Resp: 295502
Ion Ratio Lower Upper
93 100
63 78.9 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.245 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:146 Resp: 353667
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 28.3 23.8 35.6

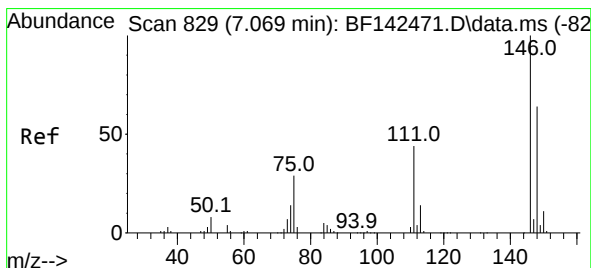
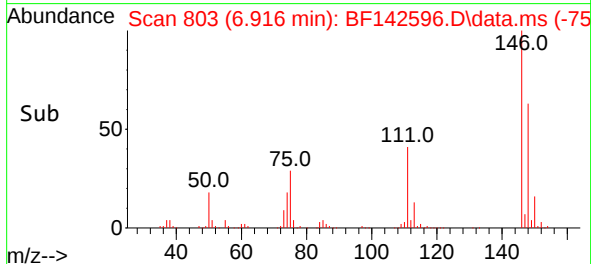
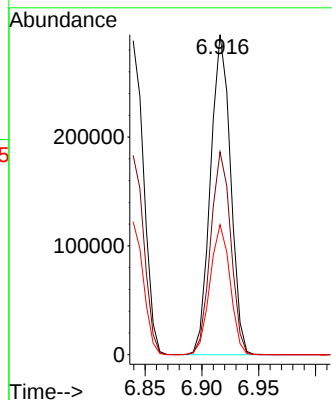
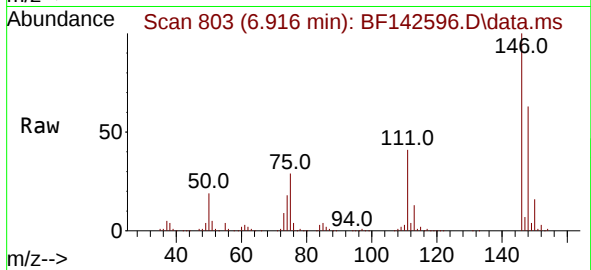




#13
1,4-Dichlorobenzene
Concen: 40.829 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

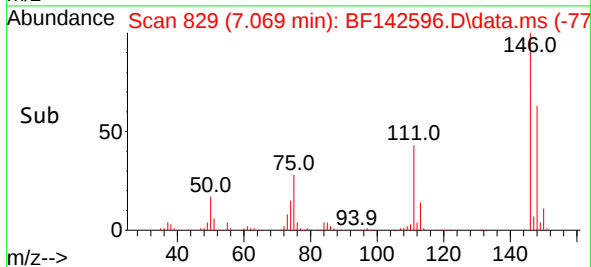
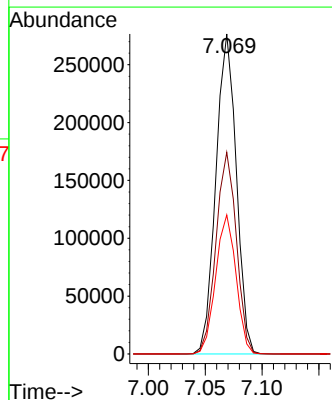
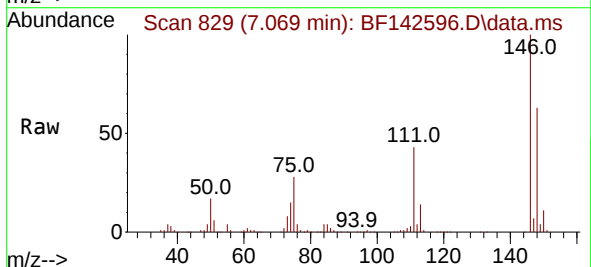
Instrument :
BNA_F
ClientSampleId :

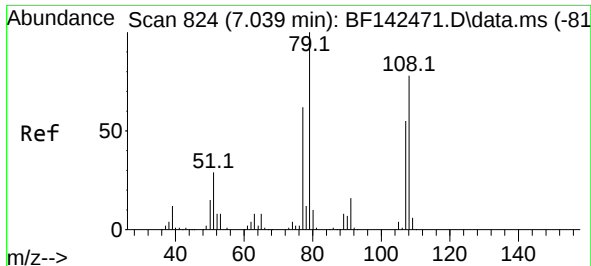
Tgt Ion:146 Resp: 361425
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 40.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 40.877 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:146 Resp: 346239
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 43.4 35.0 52.6

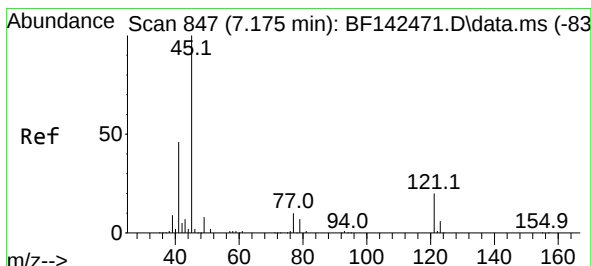
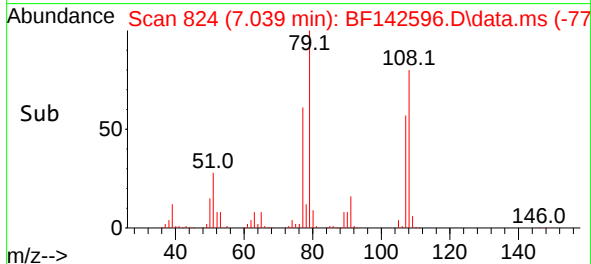
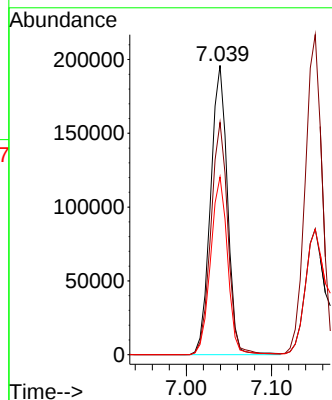
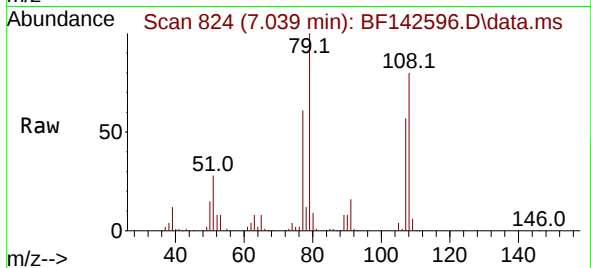




#15
Benzyl Alcohol
Concen: 42.090 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

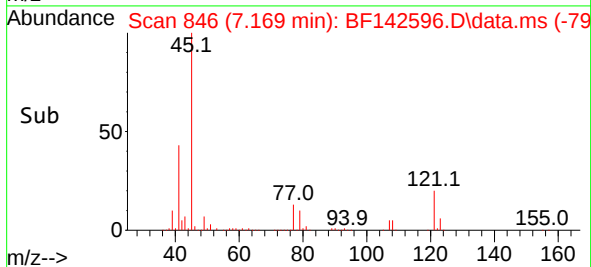
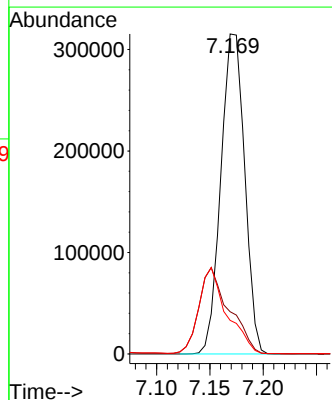
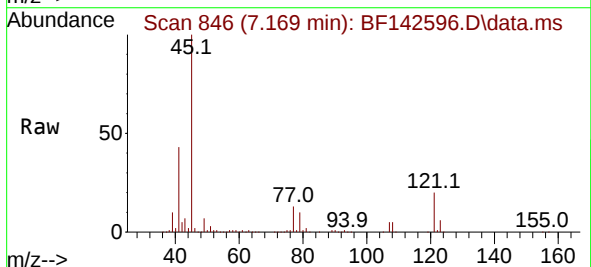
Instrument :
BNA_F
ClientSampleId :

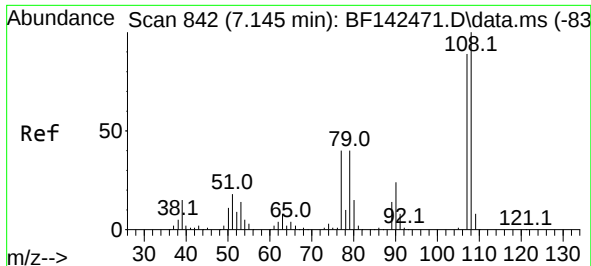
Tgt Ion: 79 Resp: 270724
Ion Ratio Lower Upper
79 100
108 80.3 62.1 93.1
77 61.5 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.387 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

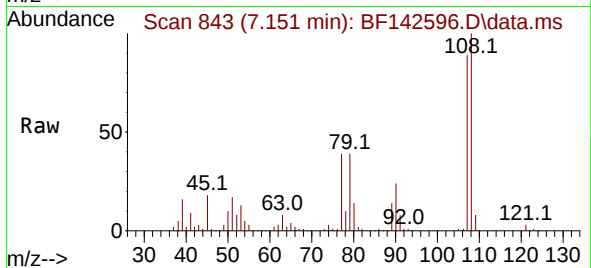
Tgt Ion: 45 Resp: 489983
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.0
79 10.5 0.0 29.2



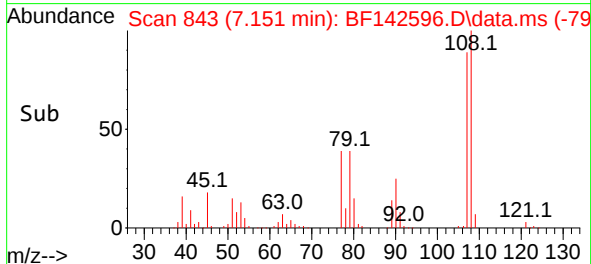
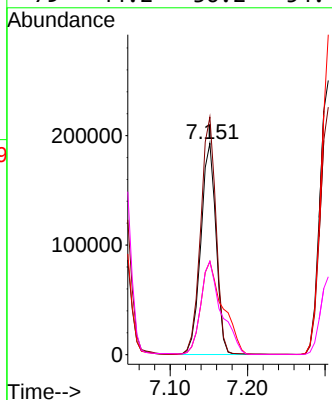


#17
2-Methylphenol
Concen: 42.776 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

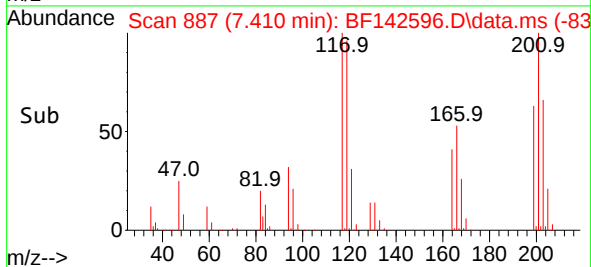
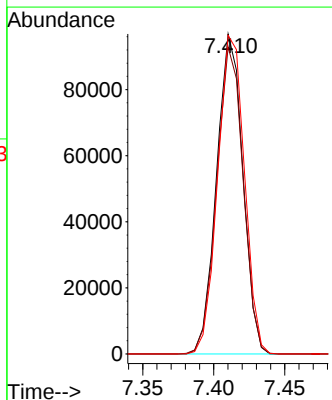
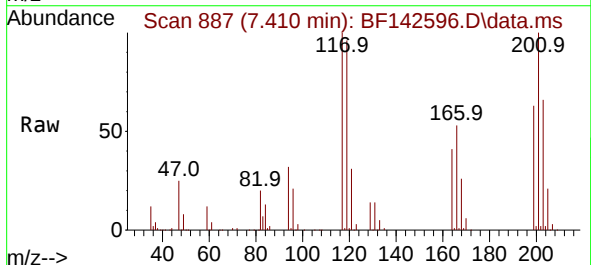


Tgt Ion:	107	Resp:	263017
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.2	135.2
77	44.1	36.1	54.1
79	44.2	36.2	54.4



#18
Hexachloroethane
Concen: 40.290 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:	117	Resp:	124536
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	99.5	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.649 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

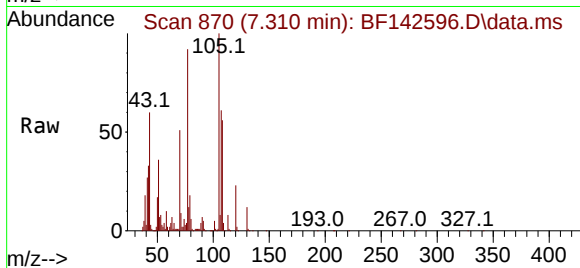
Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 219266

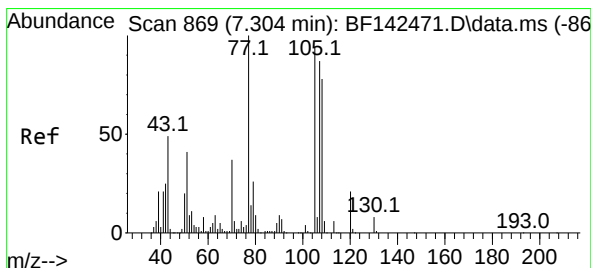
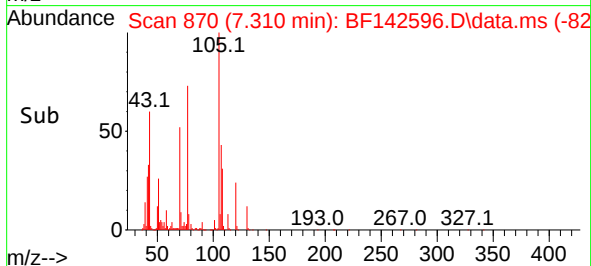
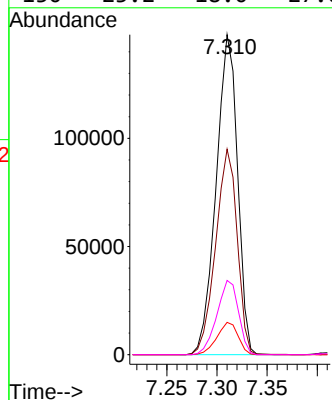
Ion Ratio Lower Upper

70 100

42 64.2 52.4 78.6

101 10.1 7.8 11.8

130 23.2 18.0 27.0



#20

3+4-Methylphenols

Concen: 41.715 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Tgt Ion: 107 Resp: 328466

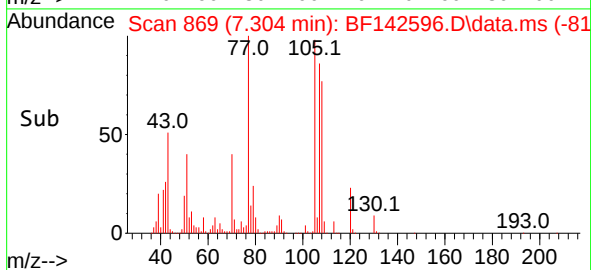
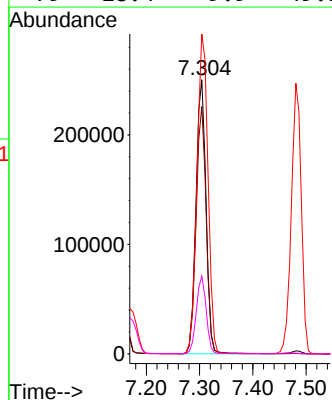
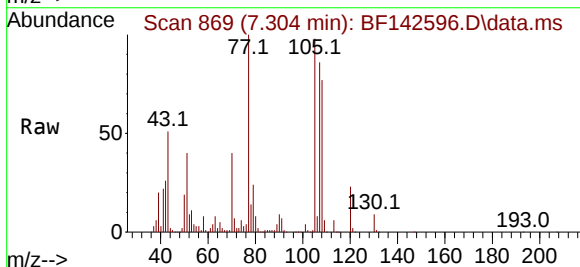
Ion Ratio Lower Upper

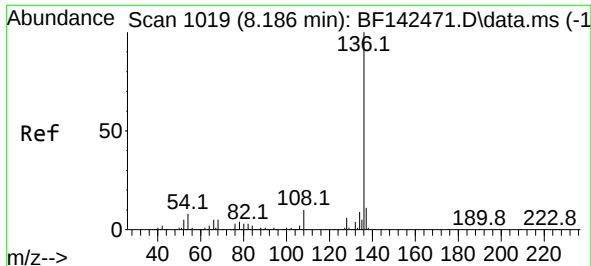
107 100

108 90.3 70.4 110.4

77 116.7 95.4 135.4

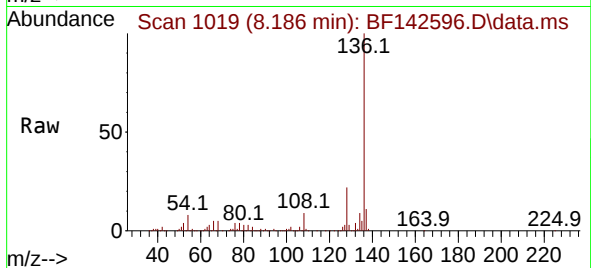
79 28.4 9.9 49.9



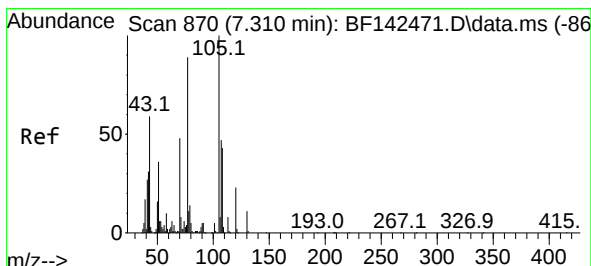
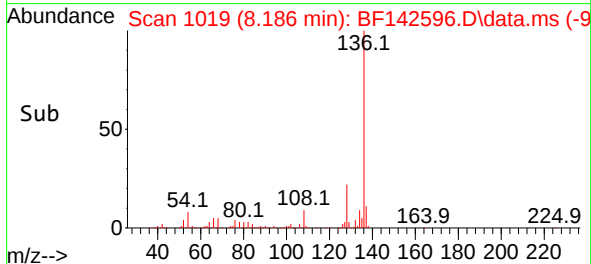
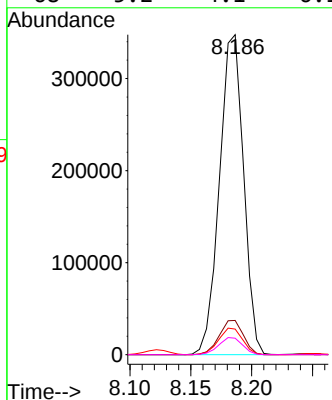


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

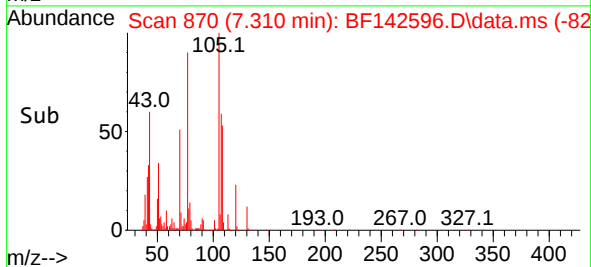
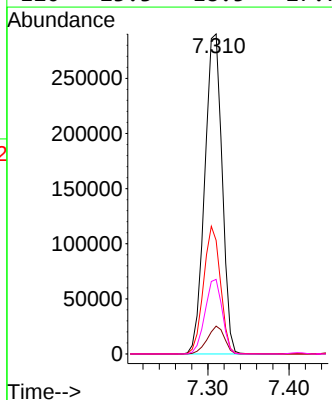
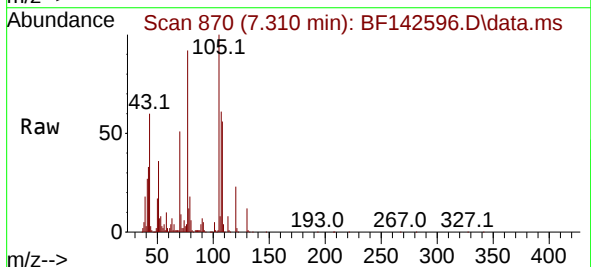


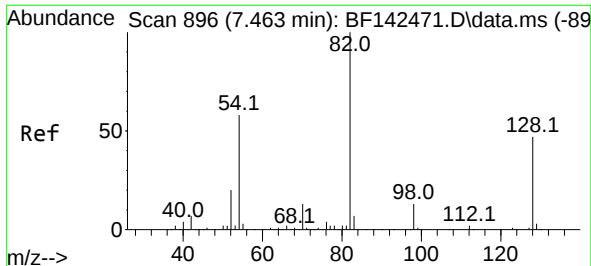
Tgt Ion:136 Resp: 480019
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 6.6 10.0
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 40.493 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

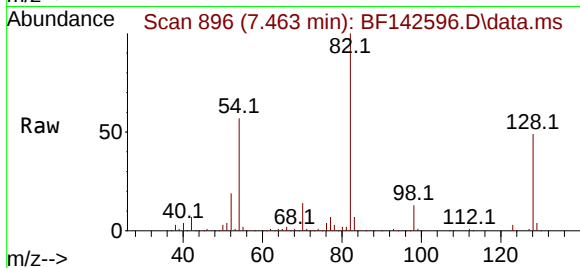
Tgt Ion:105 Resp: 430279
Ion Ratio Lower Upper
105 100
71 8.7 6.4 9.6
51 35.5 28.6 42.8
120 23.3 18.5 27.7



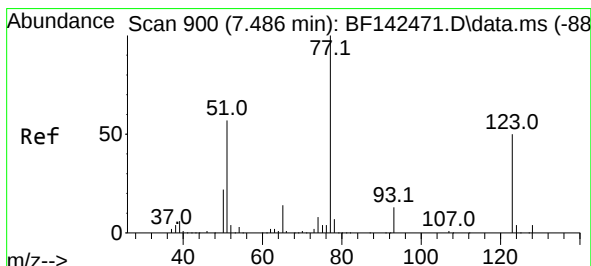
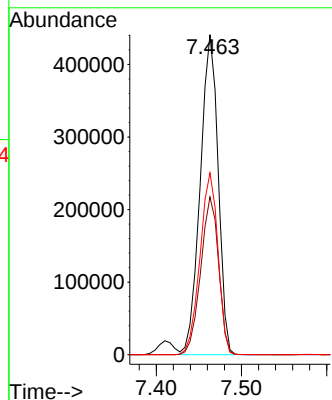
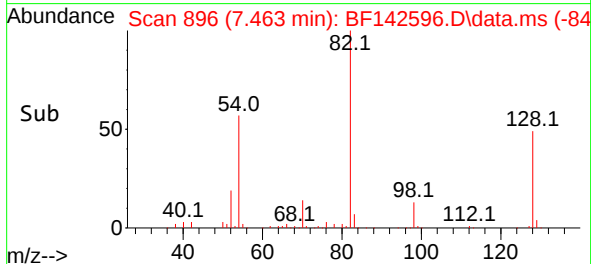


#23
Nitrobenzene-d5
Concen: 73.086 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

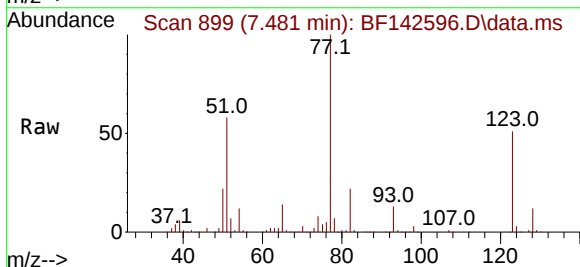
Instrument :
BNA_F
ClientSampleId :



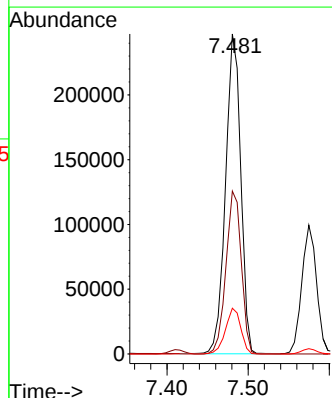
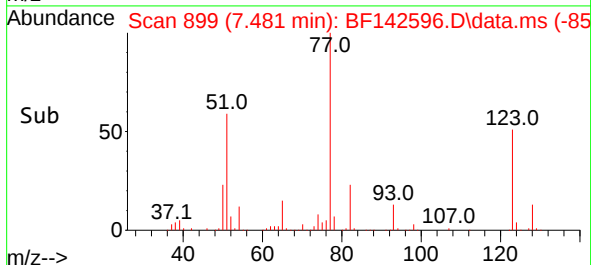
Tgt Ion: 82 Resp: 643375
Ion Ratio Lower Upper
82 100
128 49.3 37.4 56.2
54 56.8 46.6 70.0

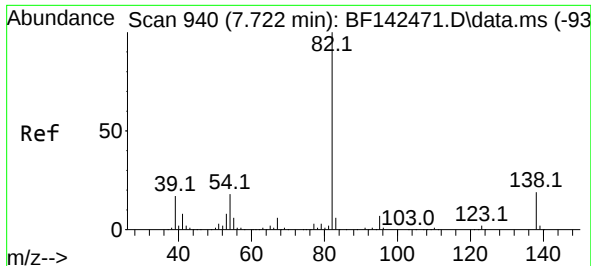


#24
Nitrobenzene
Concen: 40.628 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion: 77 Resp: 322571
Ion Ratio Lower Upper
77 100
123 50.9 40.6 61.0
65 14.3 11.4 17.2

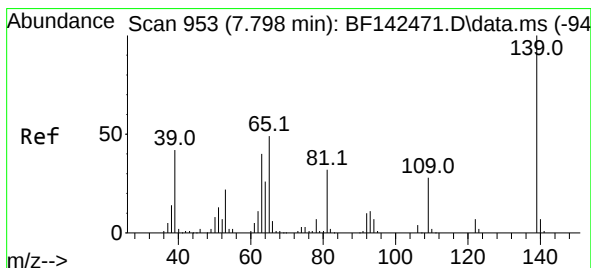
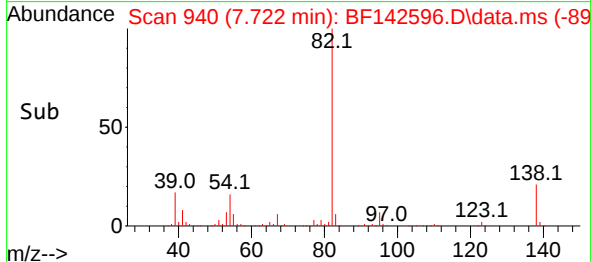
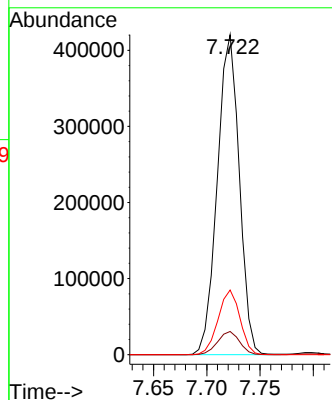
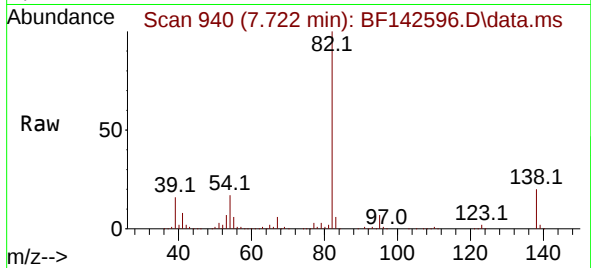




#25
Isophorone
Concen: 40.928 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

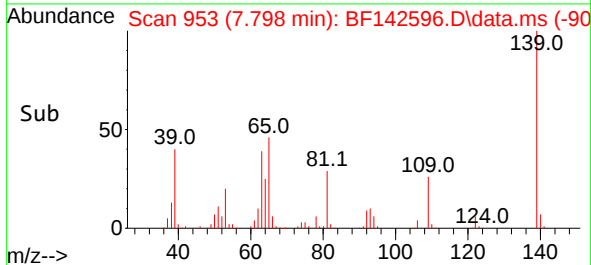
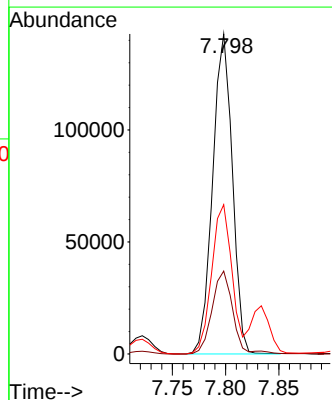
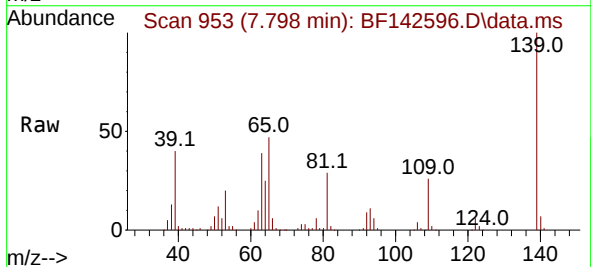
Instrument :
BNA_F
ClientSampleId :

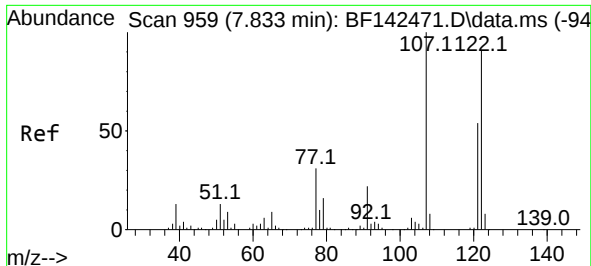
Tgt Ion: 82 Resp: 602379
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 20.2 15.5 23.3



#26
2-Nitrophenol
Concen: 43.216 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:139 Resp: 183337
Ion Ratio Lower Upper
139 100
109 25.9 22.6 33.8
65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.718 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

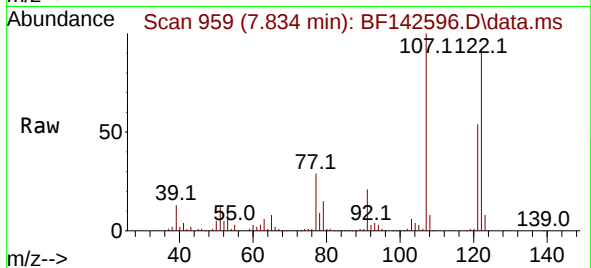
Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :



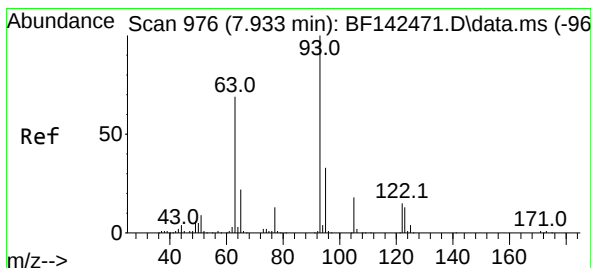
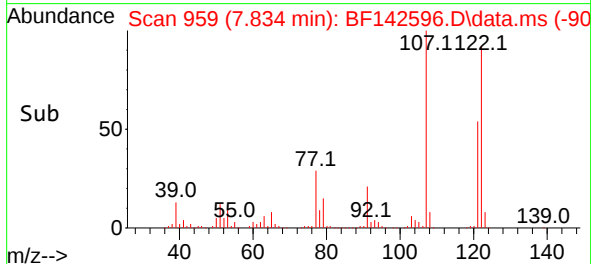
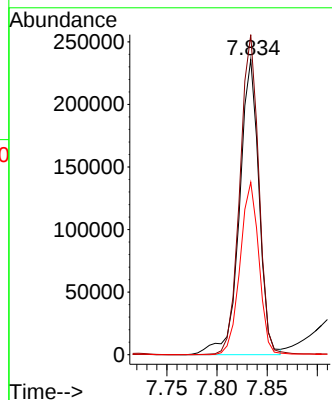
Tgt Ion:122 Resp: 319594

Ion Ratio Lower Upper

122 100

107 108.4 88.1 132.1

121 58.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.548 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

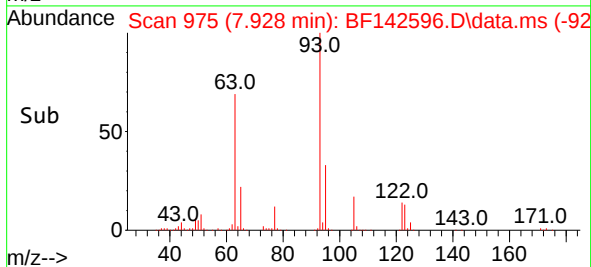
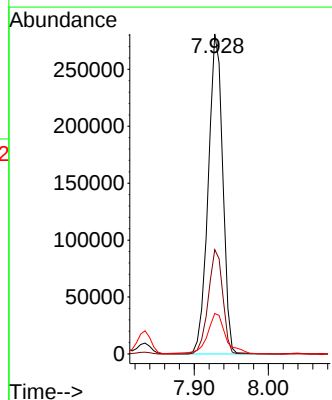
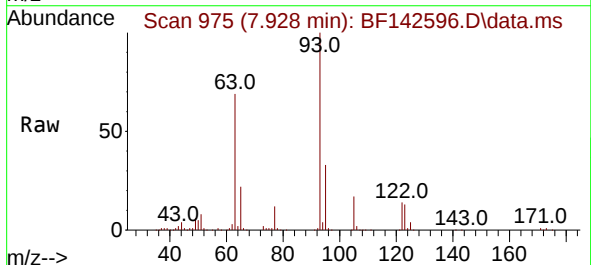
Tgt Ion: 93 Resp: 381998

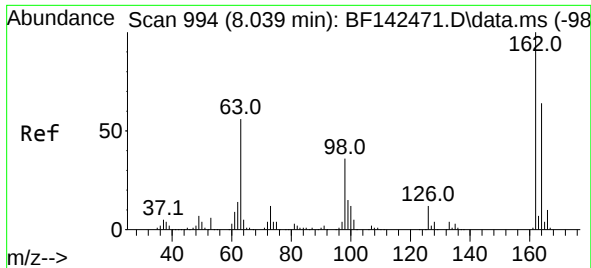
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.176 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

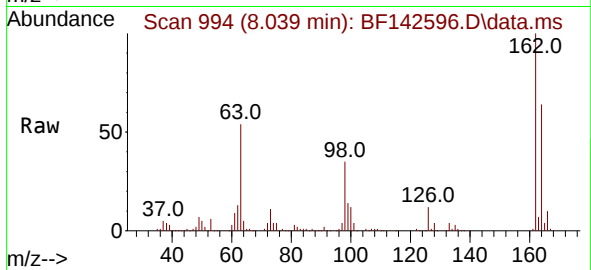
Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :



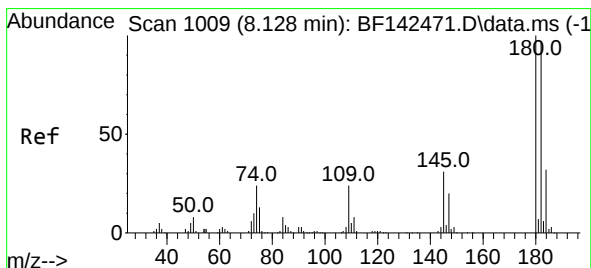
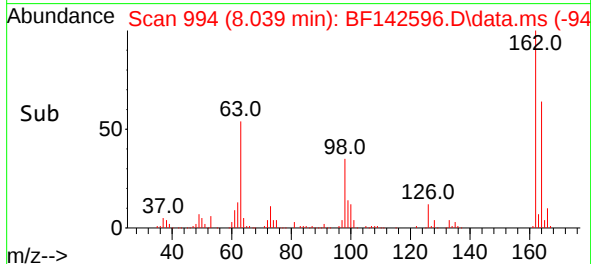
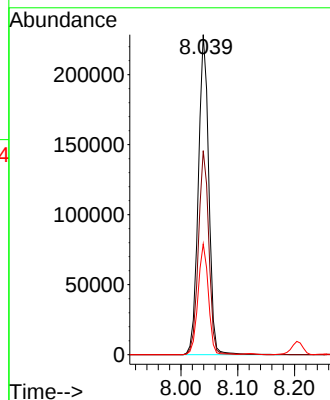
Tgt Ion:162 Resp: 293761

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 34.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.016 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

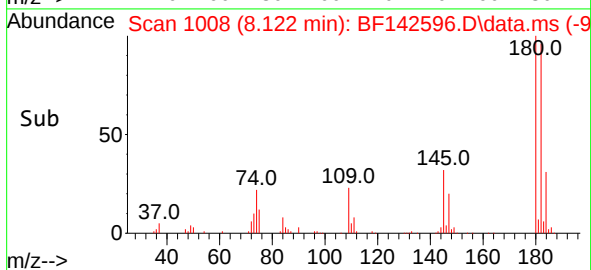
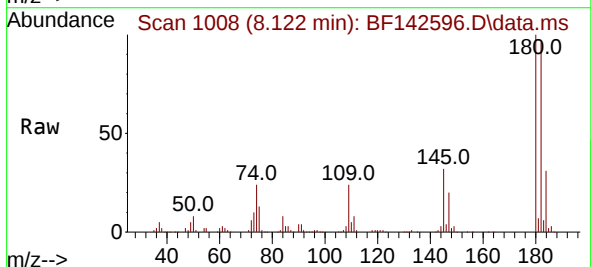
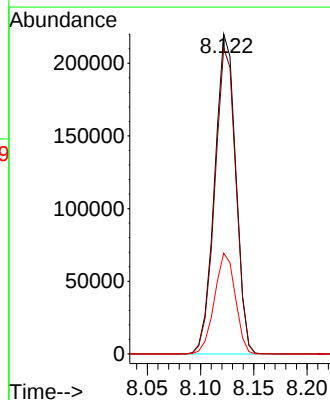
Tgt Ion:180 Resp: 302860

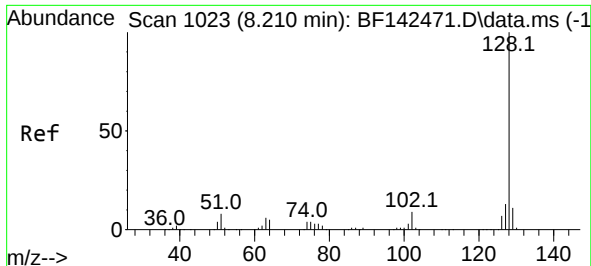
Ion Ratio Lower Upper

180 100

182 95.6 78.0 117.0

145 31.5 25.0 37.6

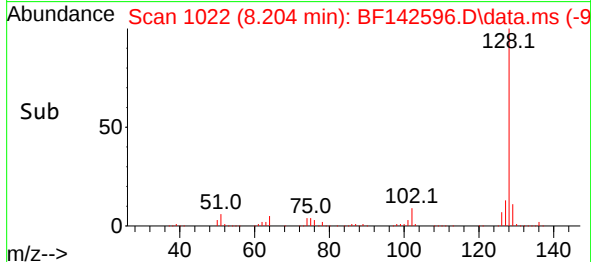
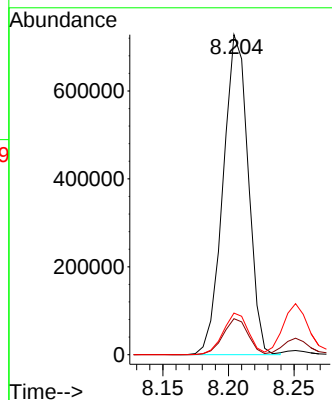
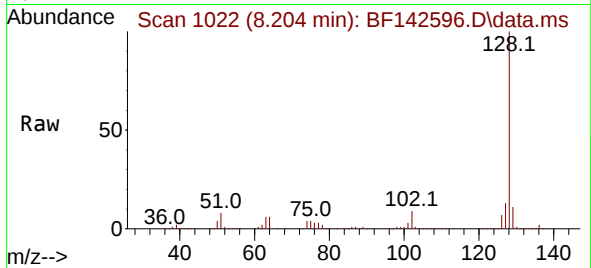




#31
Naphthalene
Concen: 41.005 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

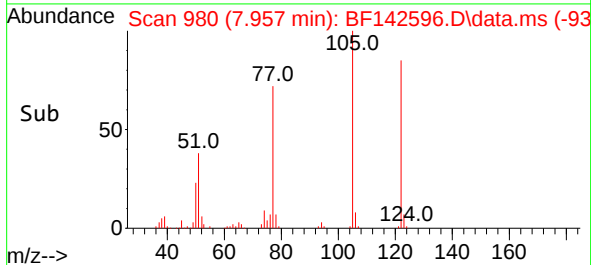
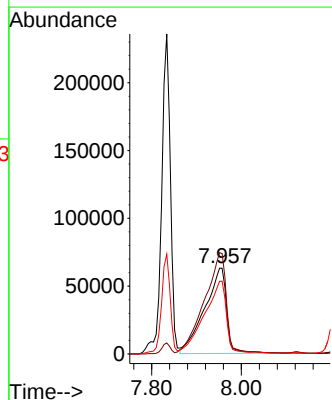
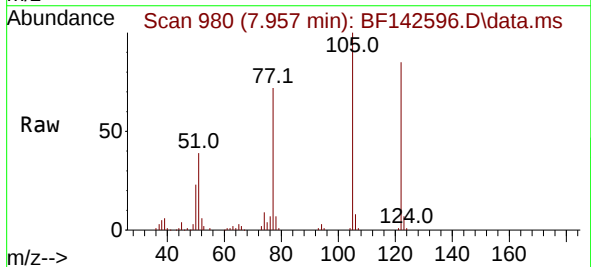
Instrument :
BNA_F
ClientSampleId :

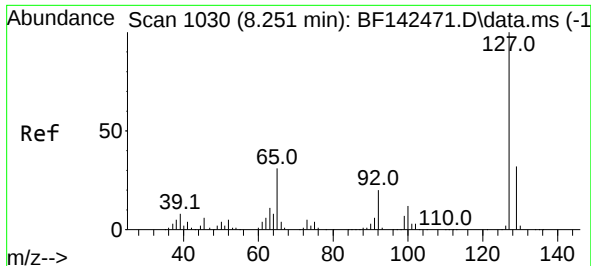
Tgt Ion:128 Resp: 969182
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 47.010 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:122 Resp: 214093
Ion Ratio Lower Upper
122 100
105 117.1 101.7 141.7
77 84.8 69.5 109.5



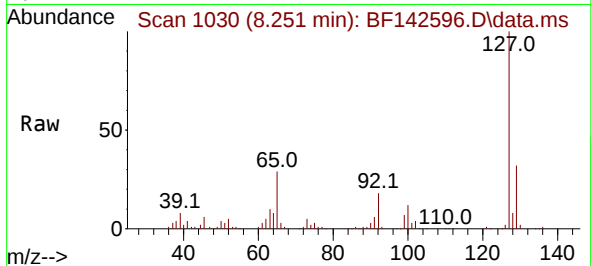


#33
4-Chloroaniline
Concen: 18.076 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

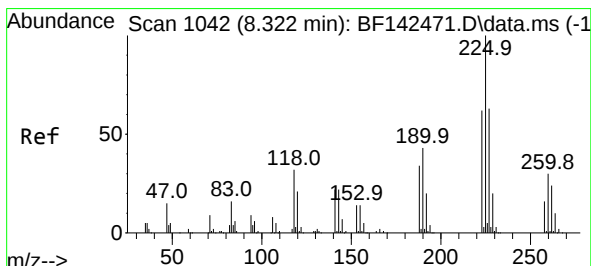
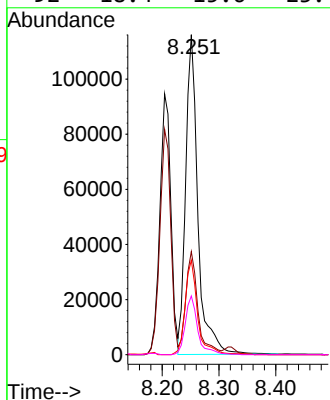
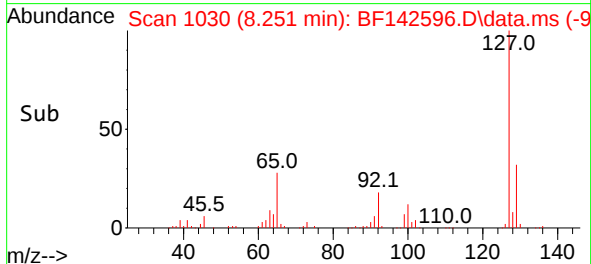
Instrument :

BNA_F

ClientSampleId :

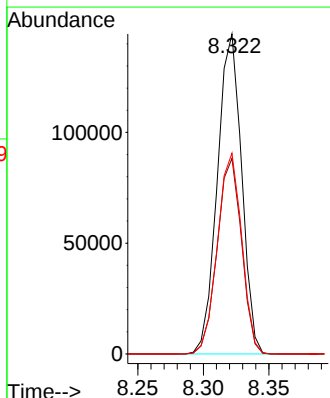
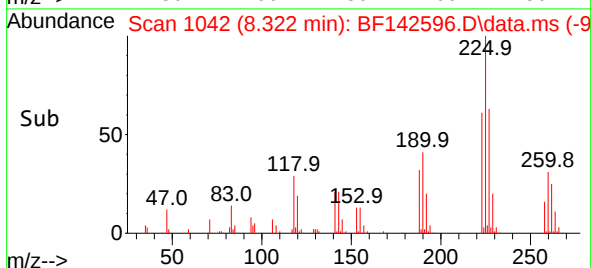
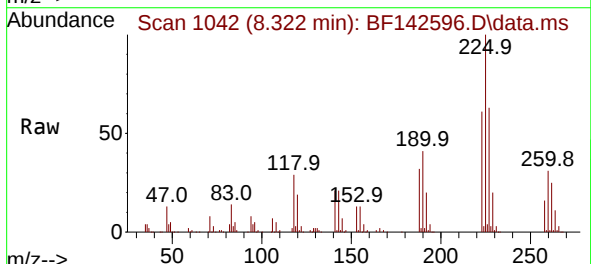


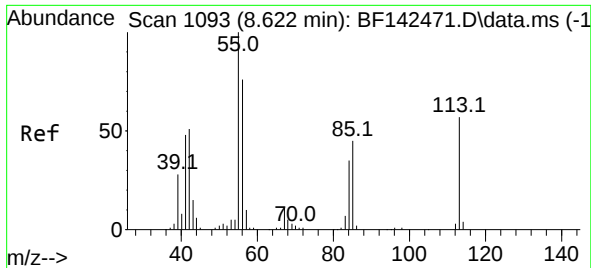
Tgt Ion:	127	Resp:	173118
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.5	24.9	37.3
92	18.4	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.268 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:	225	Resp:	185656
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	62.8	50.3	75.5

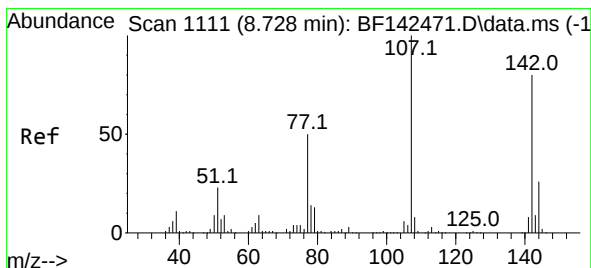
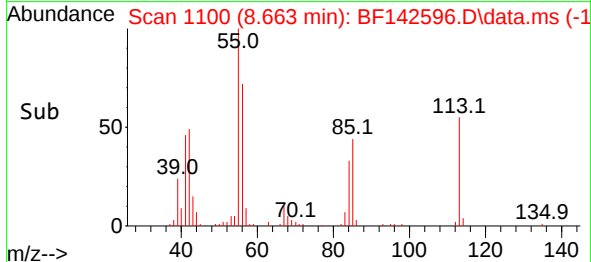
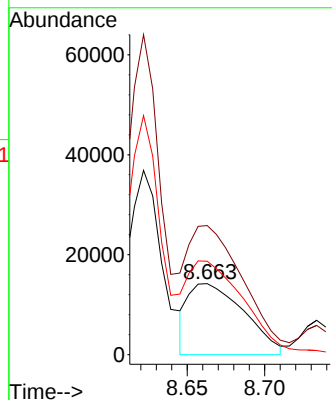
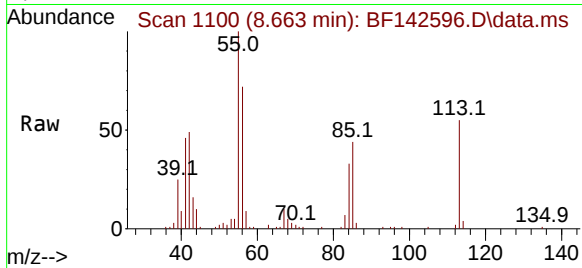




#35
 Caprolactam
 Concen: 18.655 ng
 RT: 8.663 min Scan# 1110
 Delta R.T. 0.018 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

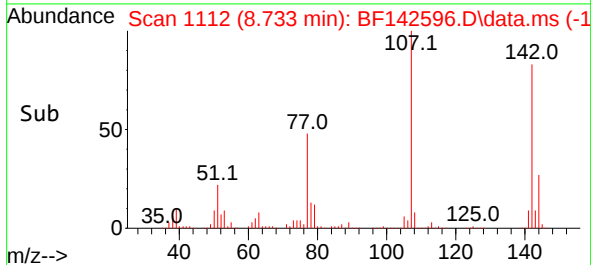
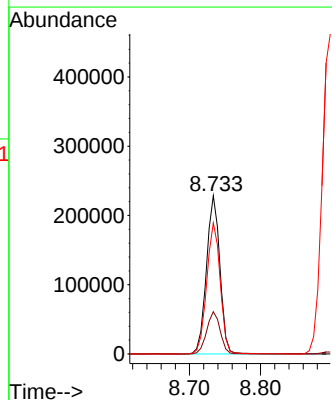
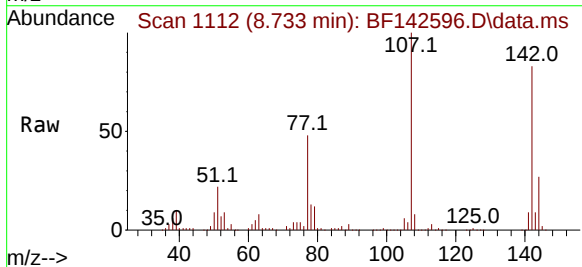
Instrument :
 BNA_F
 ClientSampleId :

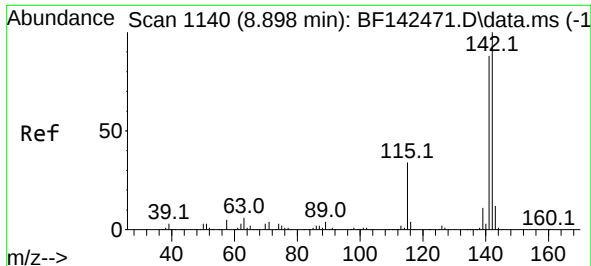
Tgt Ion:113 Resp: 35648
 Ion Ratio Lower Upper
 113 100
 55 181.9 154.7 194.7
 56 131.7 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.238 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

Tgt Ion:107 Resp: 301488
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.9 31.3
 142 82.8 64.2 96.2

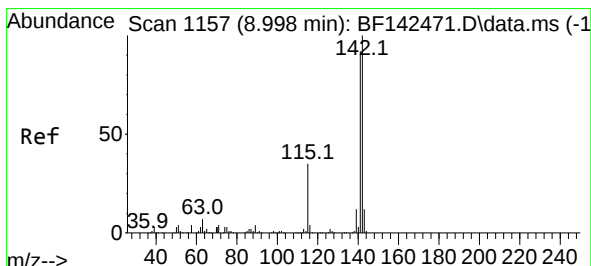
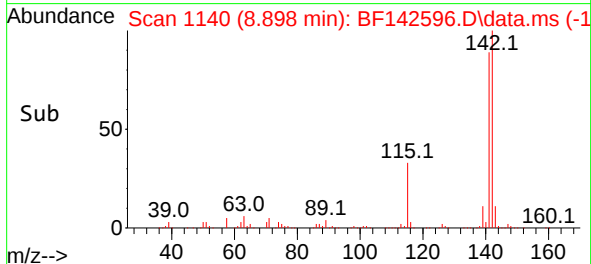
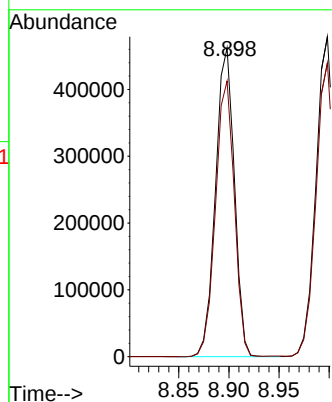
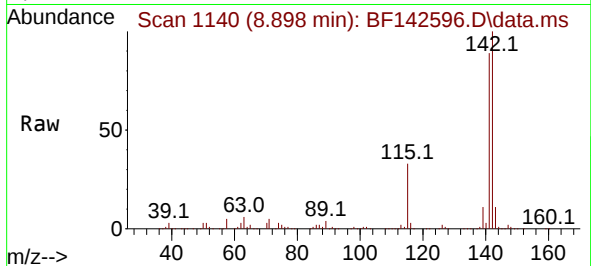




#37
2-Methylnaphthalene
Concen: 40.592 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

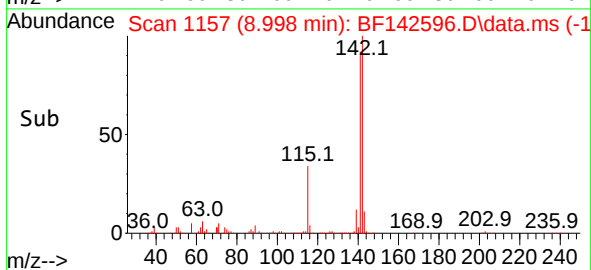
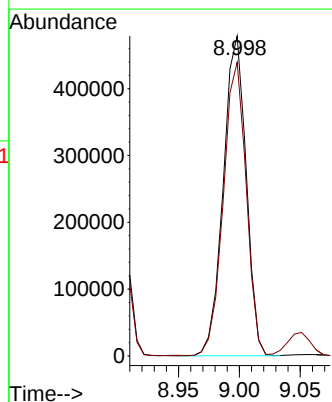
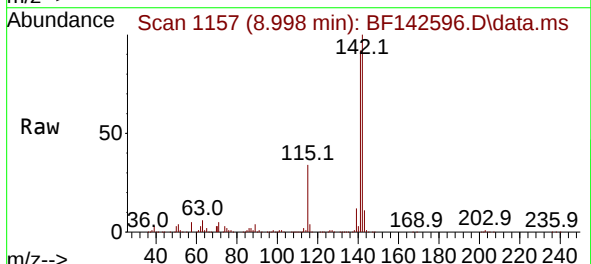
Instrument :
BNA_F
ClientSampleId :

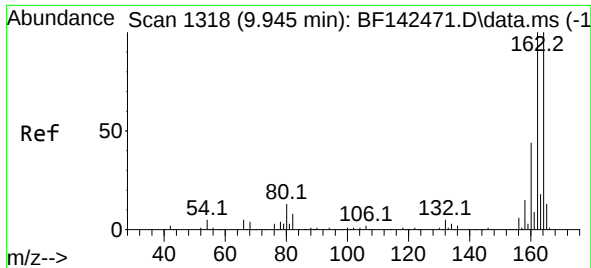
Tgt Ion:142 Resp: 603600
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.672 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:142 Resp: 625578
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

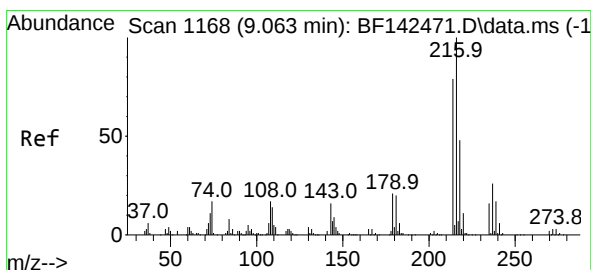
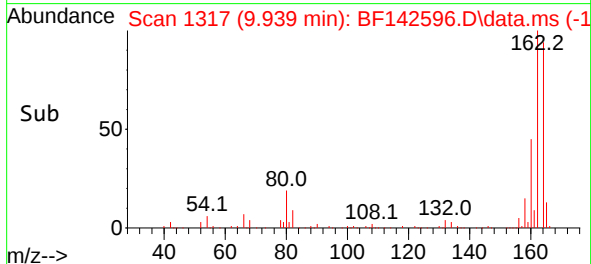
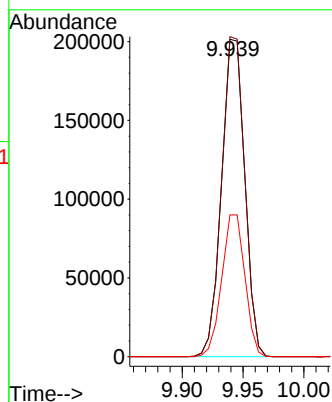
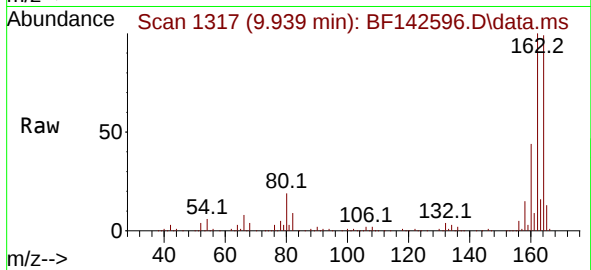
Tgt Ion:164 Resp: 267337

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.051 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Tgt Ion:216 Resp: 307355

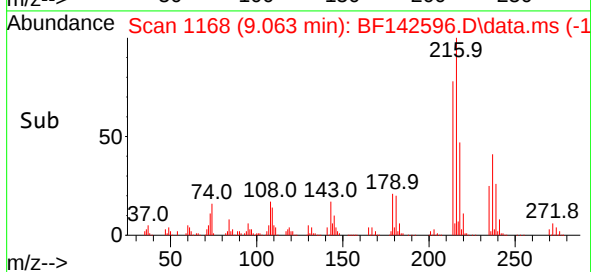
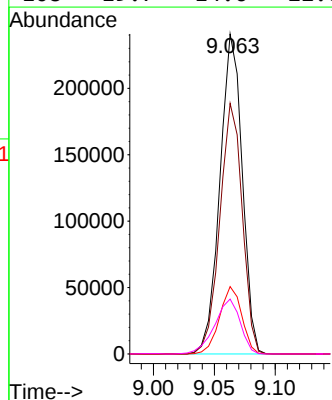
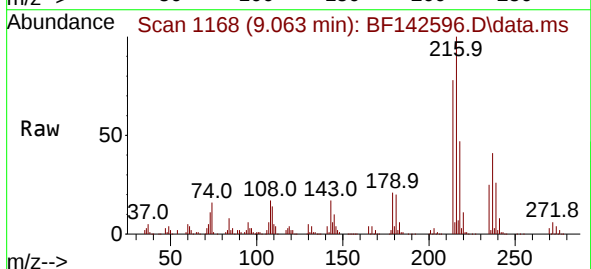
Ion Ratio Lower Upper

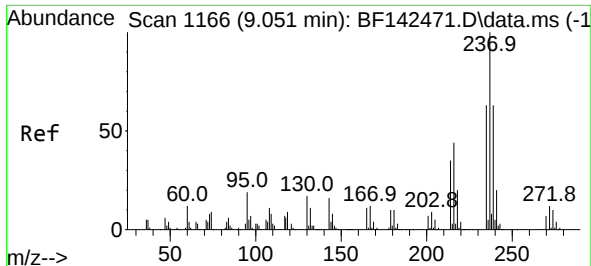
216 100

214 78.5 62.9 94.3

179 21.0 16.9 25.3

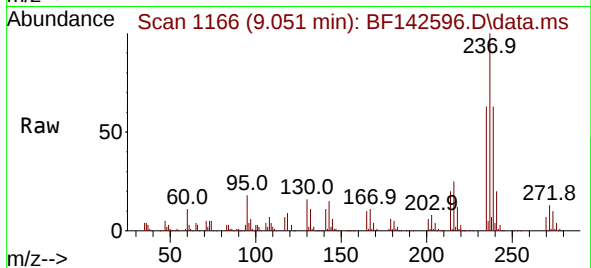
108 19.7 14.6 22.0



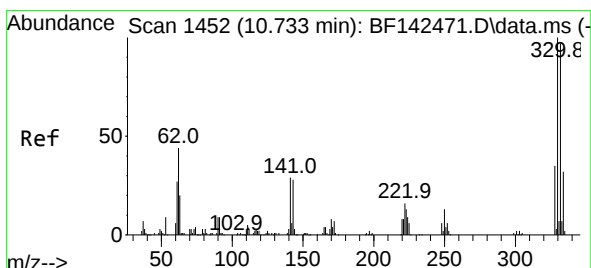
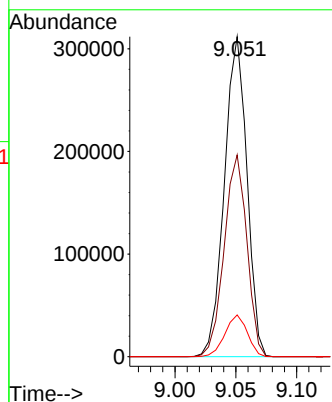
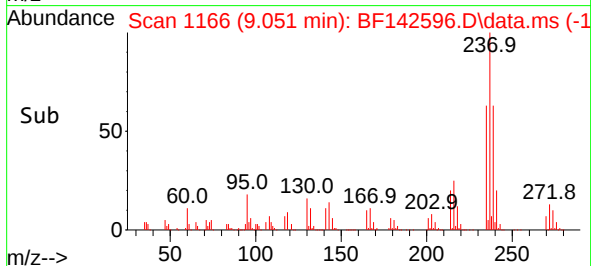


#41
Hexachlorocyclopentadiene
Concen: 77.762 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

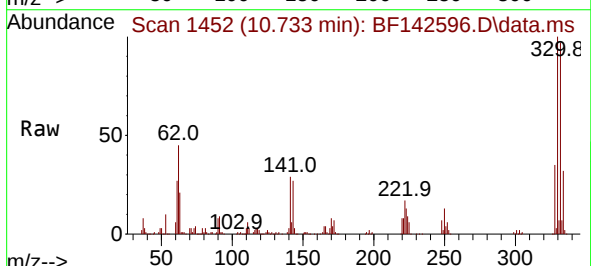
Instrument :
BNA_F
ClientSampleId :



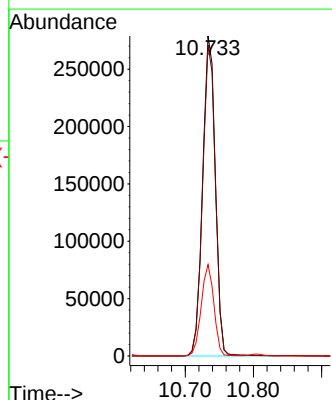
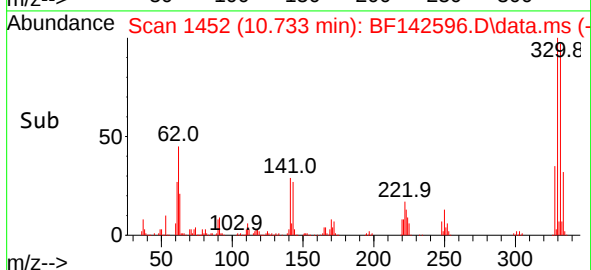
Tgt Ion:237 Resp: 402562
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.0 0.0 32.4

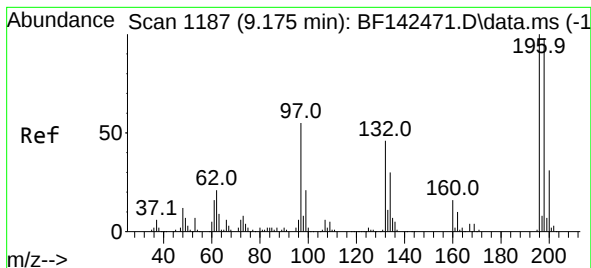


#42
2,4,6-Tribromophenol
Concen: 122.265 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:330 Resp: 362774
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 28.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 41.851 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

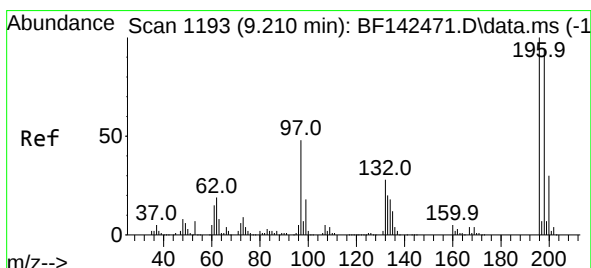
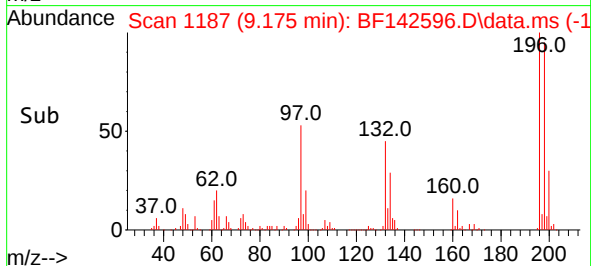
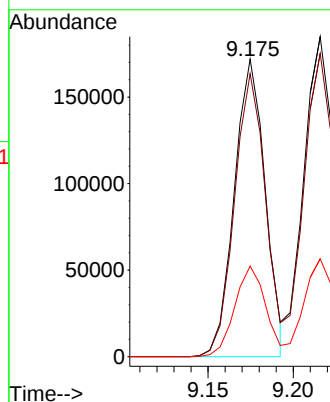
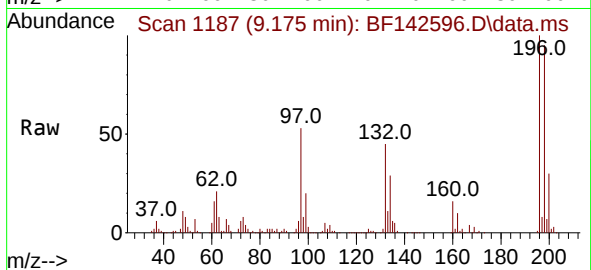
Tgt Ion:196 Resp: 216571

Ion Ratio Lower Upper

196 100

198 95.1 78.8 118.2

200 30.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.495 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Tgt Ion:196 Resp: 231921

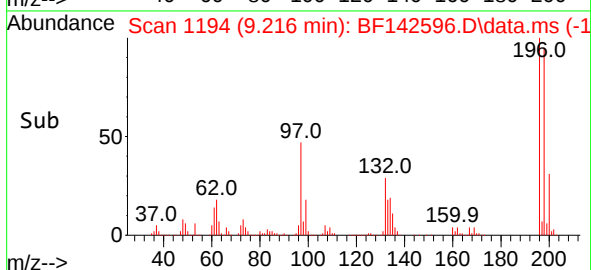
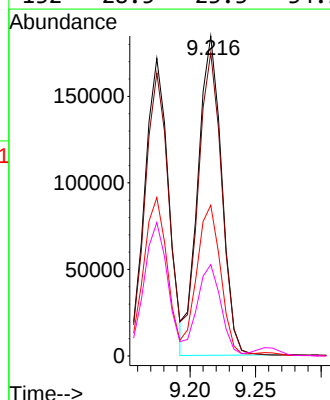
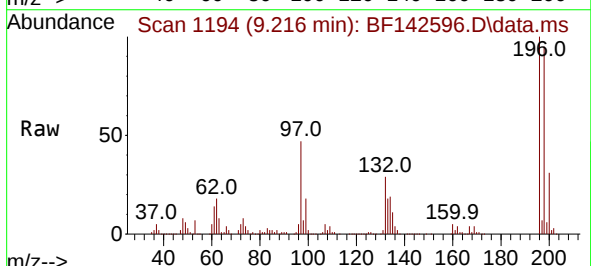
Ion Ratio Lower Upper

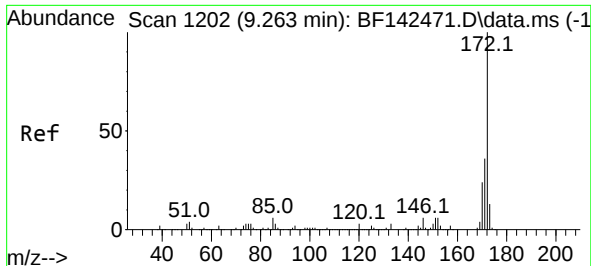
196 100

198 94.7 75.5 113.3

97 47.1 39.3 58.9

132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.638 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

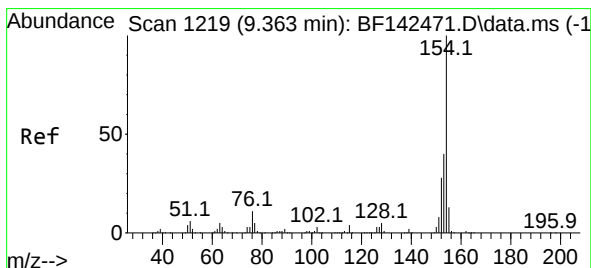
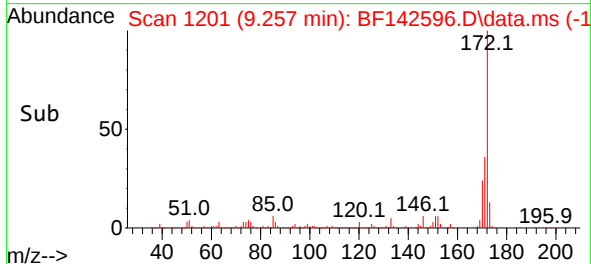
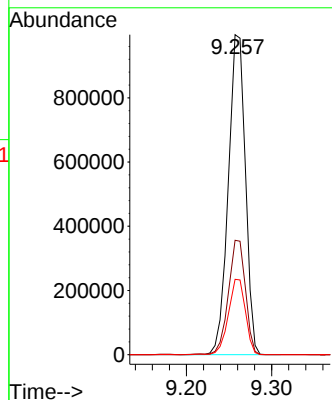
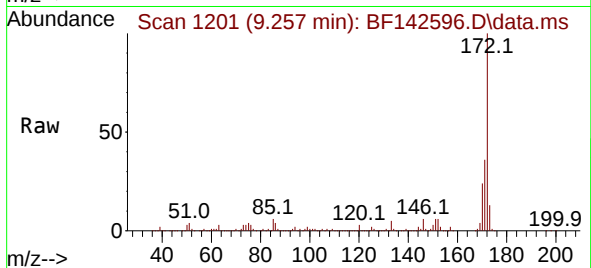
Tgt Ion:172 Resp: 1387378

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.542 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

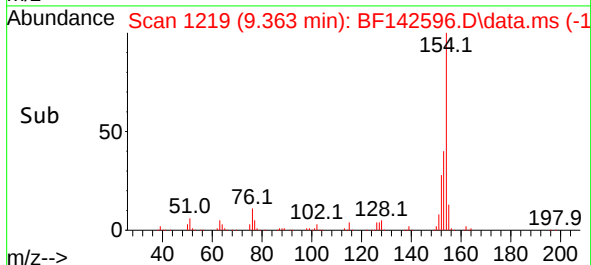
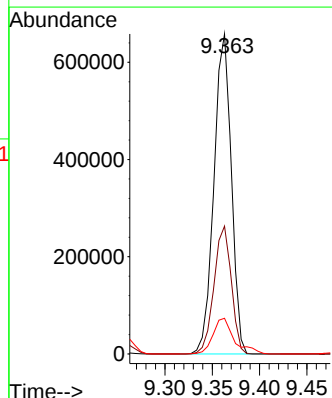
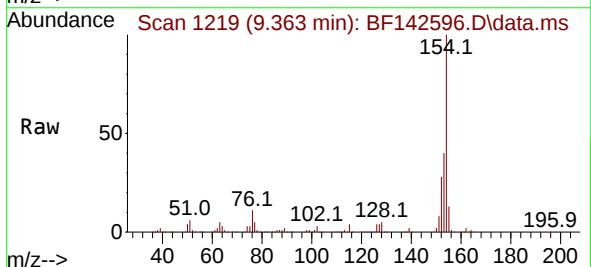
Tgt Ion:154 Resp: 840854

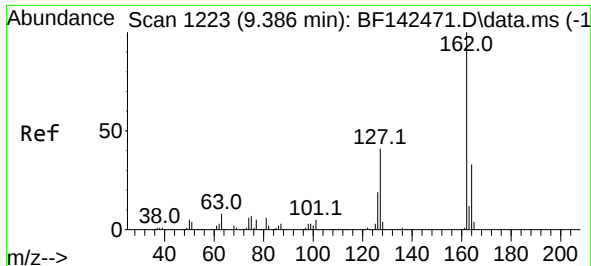
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 11.2 0.0 30.8

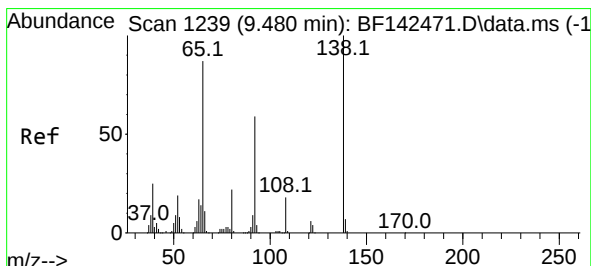
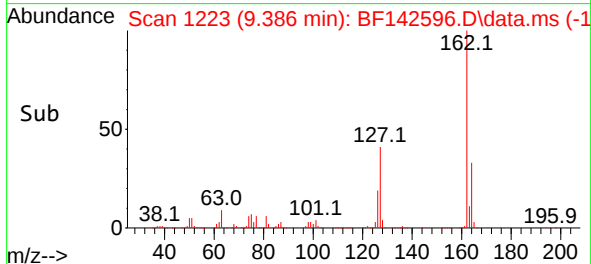
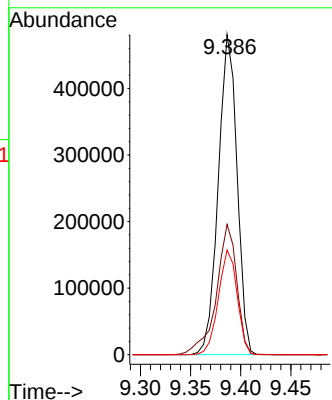
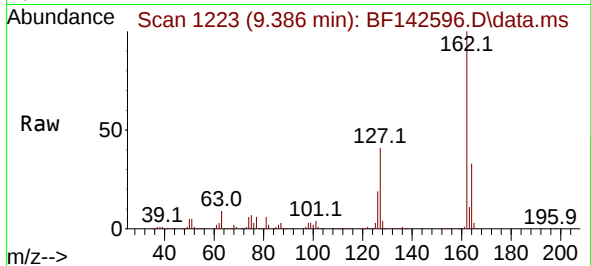




#47
2-Chloronaphthalene
Concen: 40.702 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

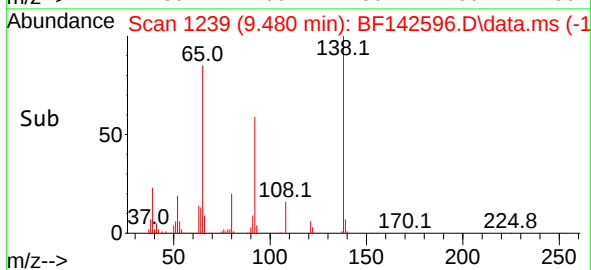
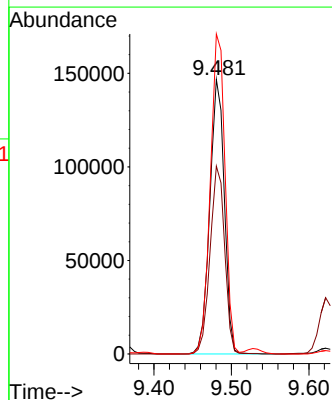
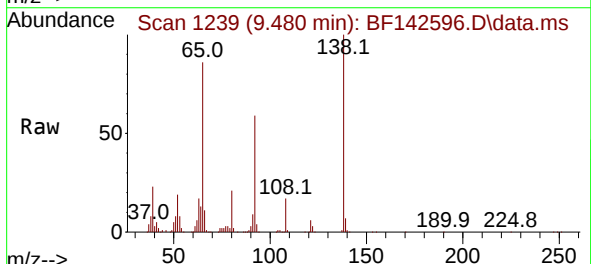
Instrument :
BNA_F
ClientSampleId :

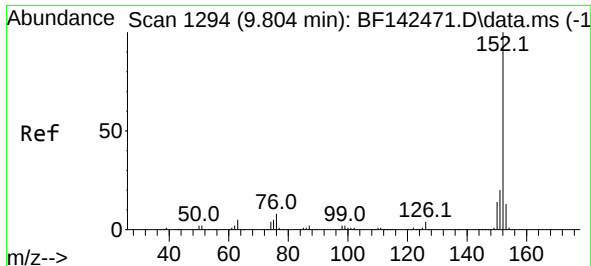
Tgt Ion:162 Resp: 623705
Ion Ratio Lower Upper
162 100
127 40.7 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.375 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

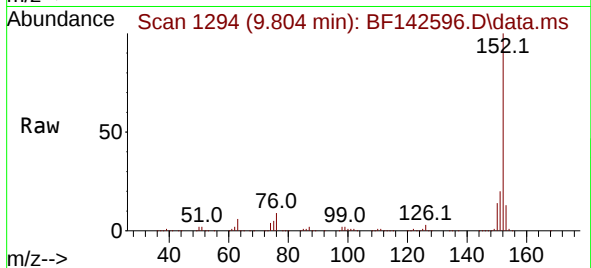
Tgt Ion: 65 Resp: 192120
Ion Ratio Lower Upper
65 100
92 68.4 54.4 81.6
138 116.6 91.4 137.2



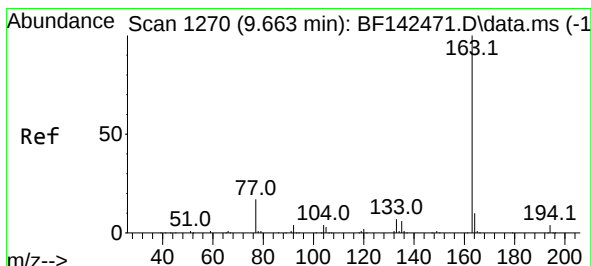
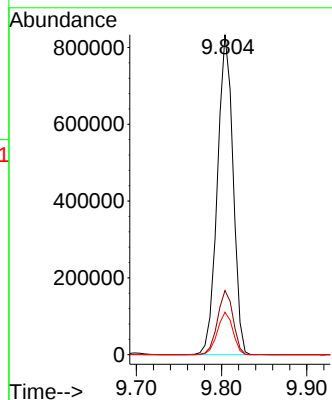
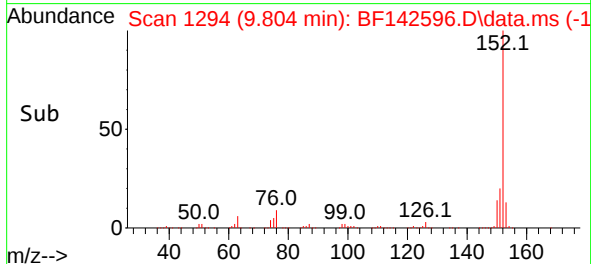


#49
Acenaphthylene
Concen: 41.115 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

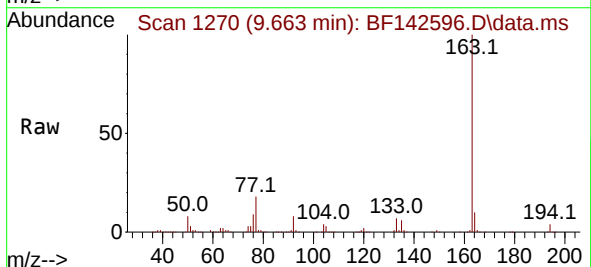
Instrument :
BNA_F
ClientSampleId :



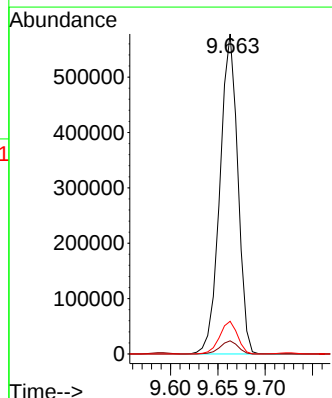
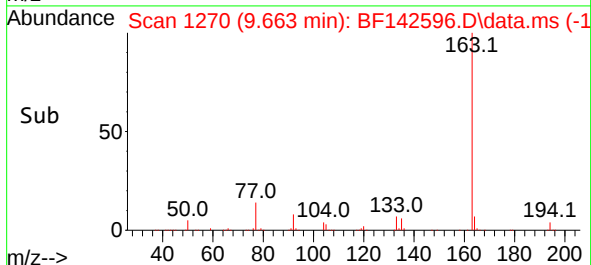
Tgt Ion:152 Resp: 1063876
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.6 15.8

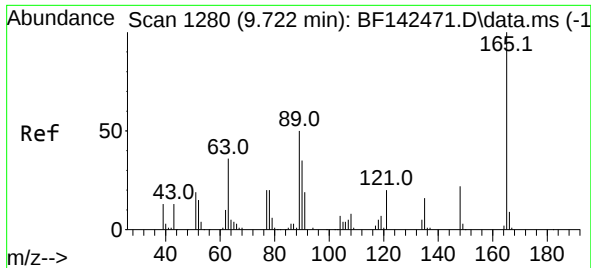


#50
Dimethylphthalate
Concen: 43.020 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:163 Resp: 758859
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4

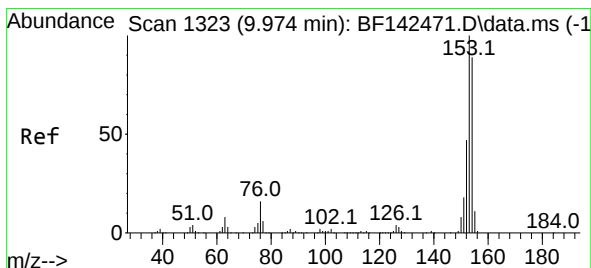
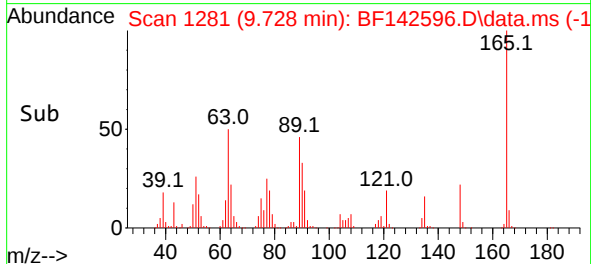
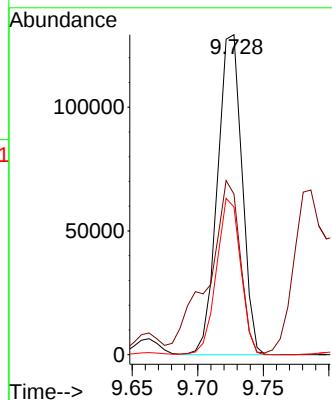
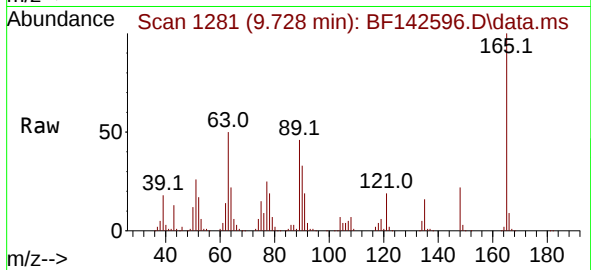




#51
2,6-Dinitrotoluene
Concen: 44.188 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

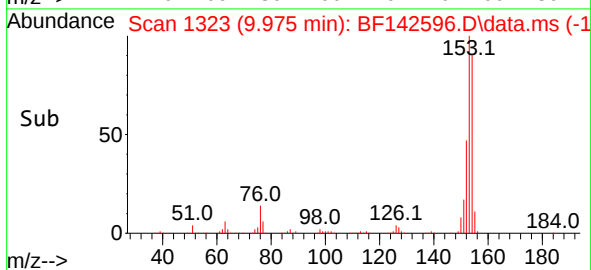
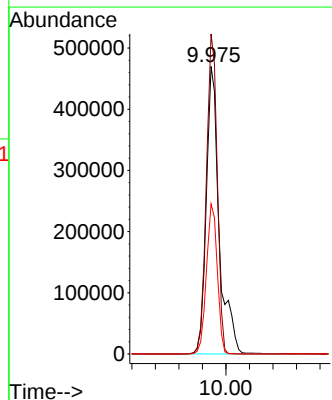
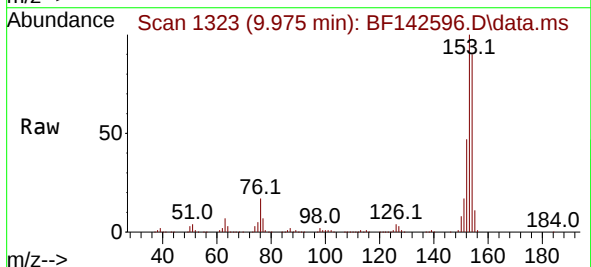
Instrument :
BNA_F
ClientSampleId :

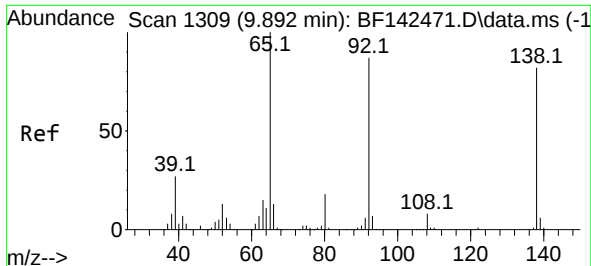
Tgt Ion:165 Resp: 168232
Ion Ratio Lower Upper
165 100
63 50.2 42.9 64.3
89 46.2 40.2 60.4



#52
Acenaphthene
Concen: 45.228 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

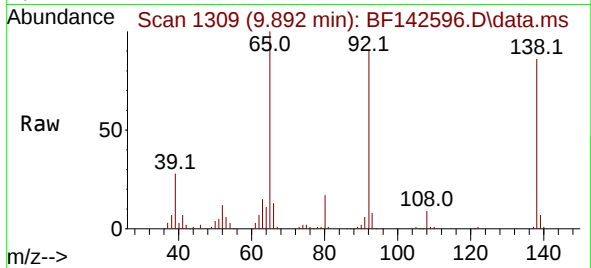
Tgt Ion:154 Resp: 714616
Ion Ratio Lower Upper
154 100
153 111.3 90.0 135.0
152 52.2 42.6 64.0



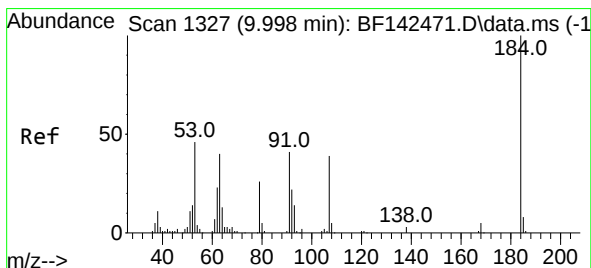
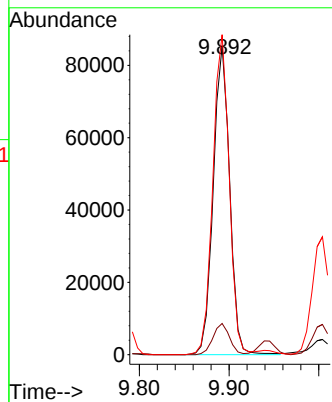
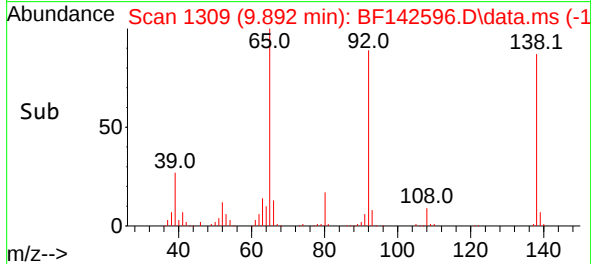


#53
3-Nitroaniline
Concen: 26.071 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

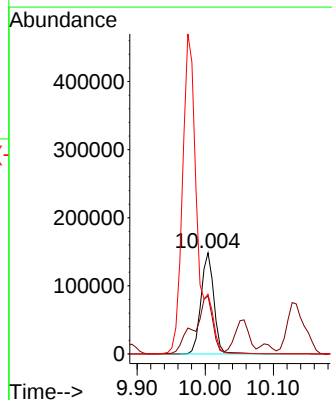
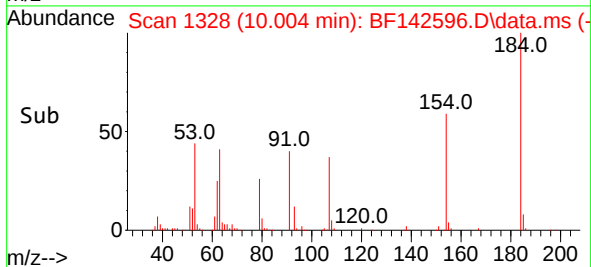
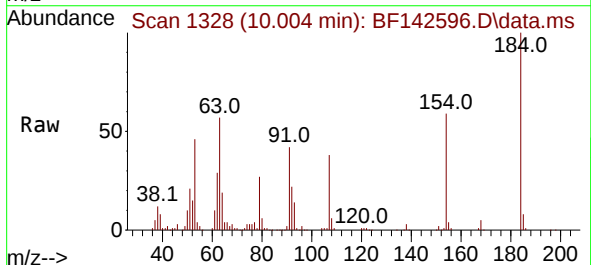


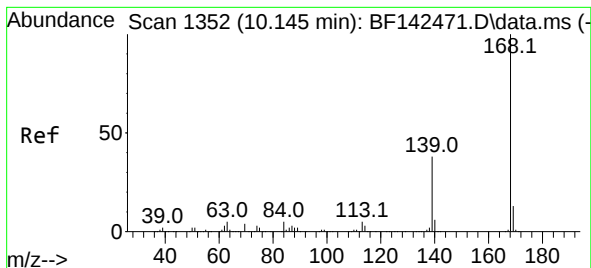
Tgt Ion:138 Resp: 108414
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 103.7 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 99.556 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:184 Resp: 195823
Ion Ratio Lower Upper
184 100
63 57.3 46.3 69.5
154 59.1 56.8 85.2





#55

Dibenzofuran

Concen: 41.165 ng

RT: 10.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

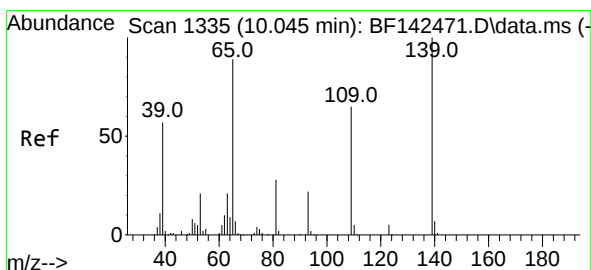
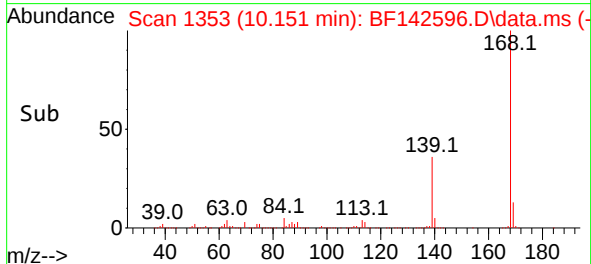
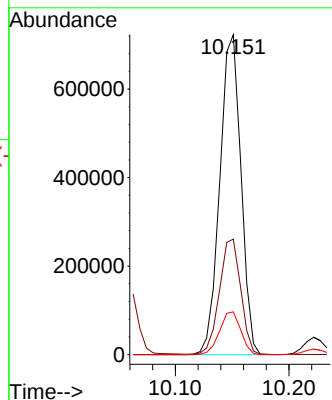
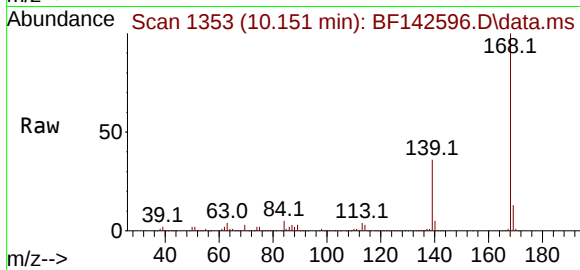
Tgt Ion:168 Resp: 935965

Ion Ratio Lower Upper

168 100

139 36.1 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 89.699 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

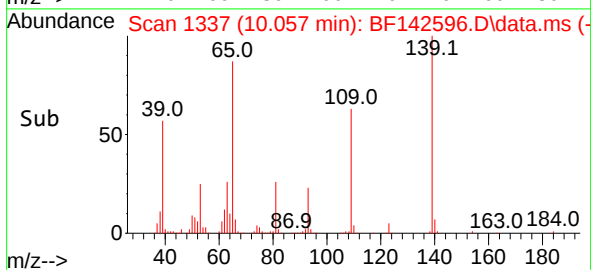
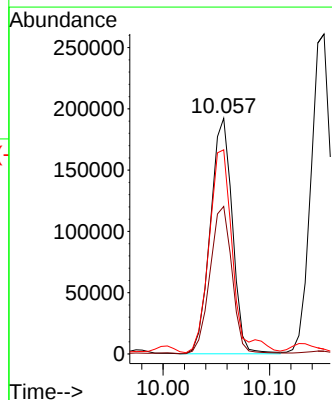
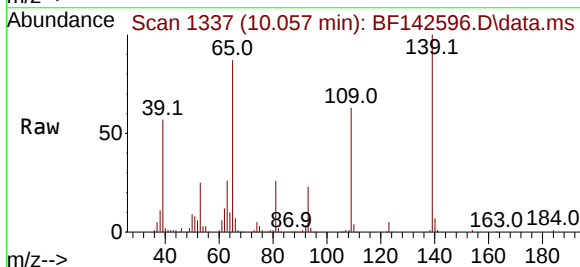
Tgt Ion:139 Resp: 275219

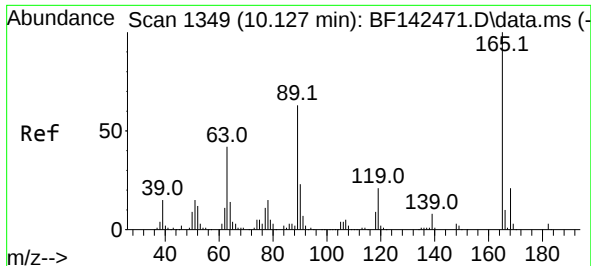
Ion Ratio Lower Upper

139 100

109 62.6 45.1 85.1

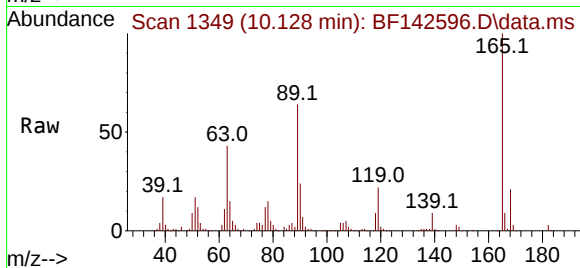
65 86.6 69.7 109.7



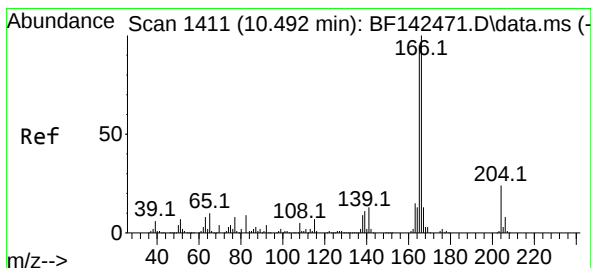
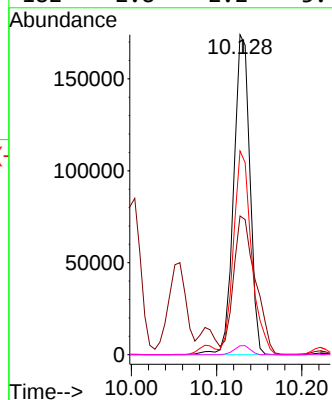
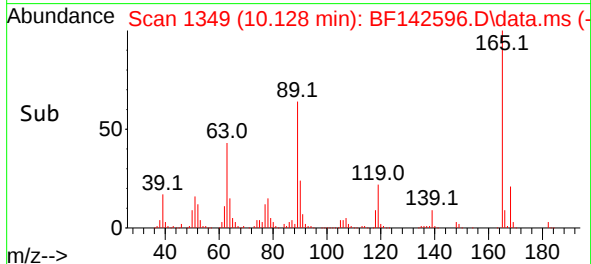


#57
2,4-Dinitrotoluene
Concen: 46.161 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

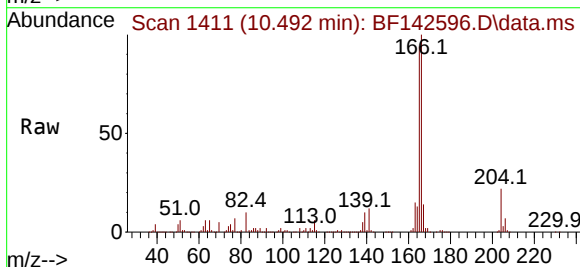
Instrument :
BNA_F
ClientSampleId :



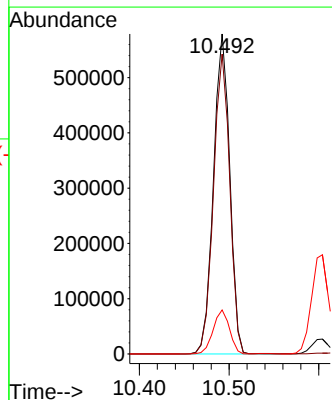
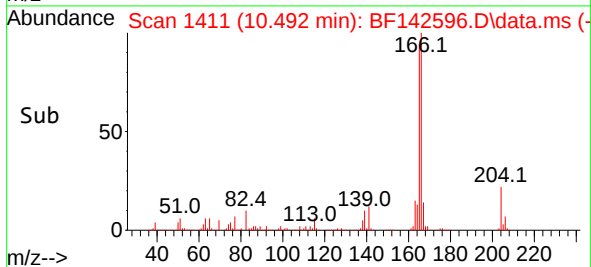
Tgt Ion:165 Resp: 229516
Ion Ratio Lower Upper
165 100
63 43.4 33.6 50.4
89 63.6 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.474 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:166 Resp: 728508
Ion Ratio Lower Upper
166 100
165 93.7 75.8 113.8
167 13.7 10.6 16.0

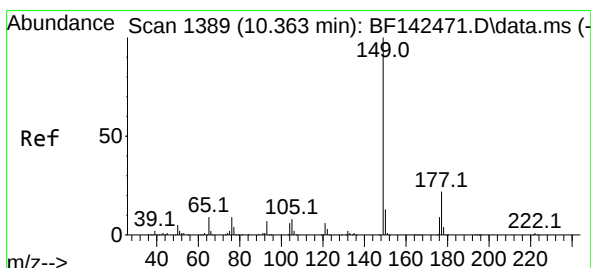
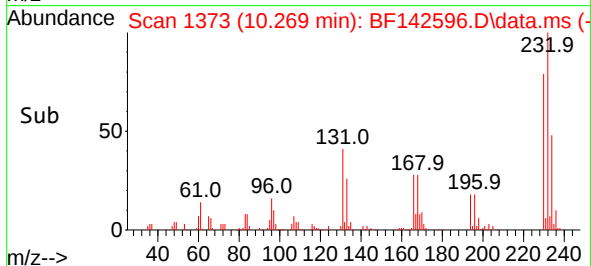
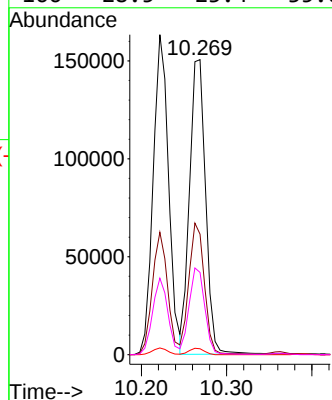
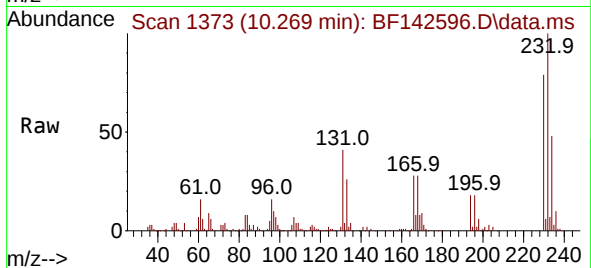




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.271 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

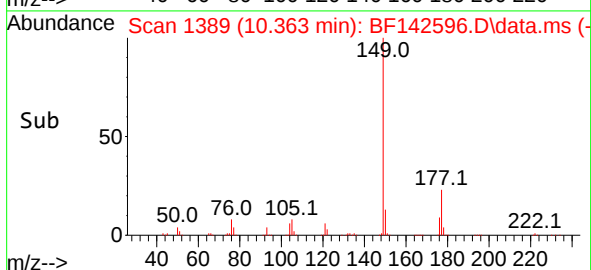
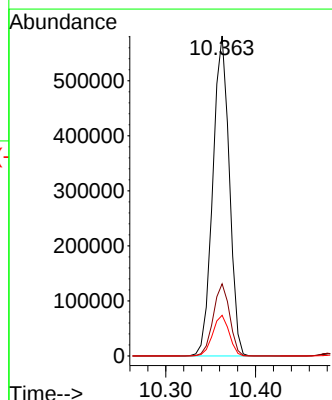
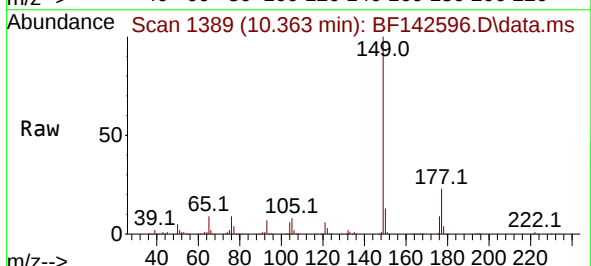
Instrument :
BNA_F
ClientSampleId :

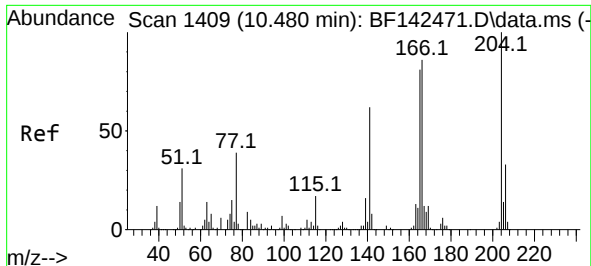
Tgt Ion:232 Resp: 197146
Ion Ratio Lower Upper
232 100
131 43.3 35.2 52.8
130 2.0 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 43.109 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:149 Resp: 742673
Ion Ratio Lower Upper
149 100
177 22.6 17.6 26.4
150 12.7 10.1 15.1

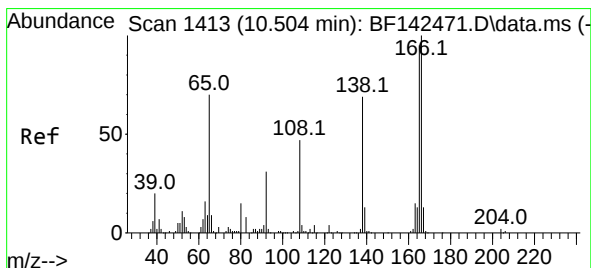
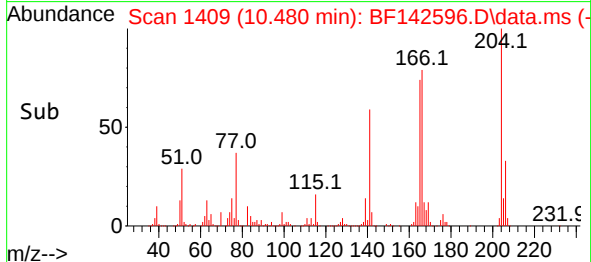
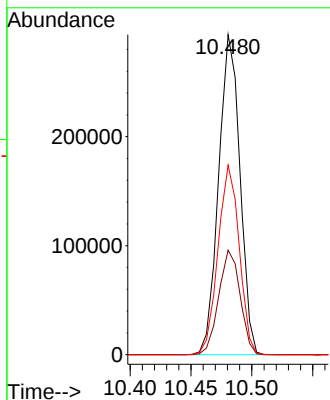
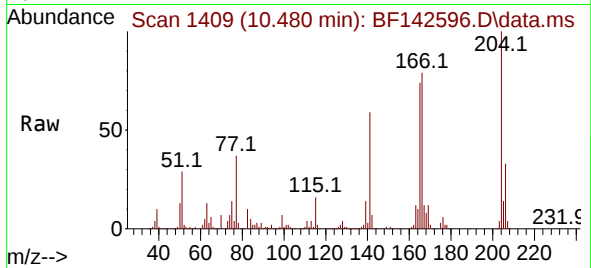




#61
4-Chlorophenyl-phenylether
Concen: 41.501 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

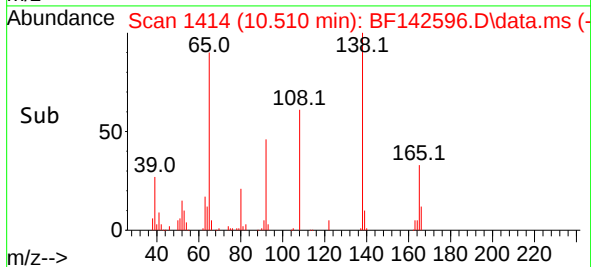
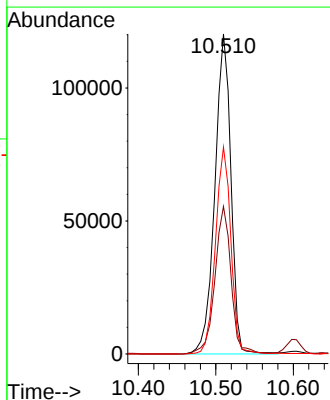
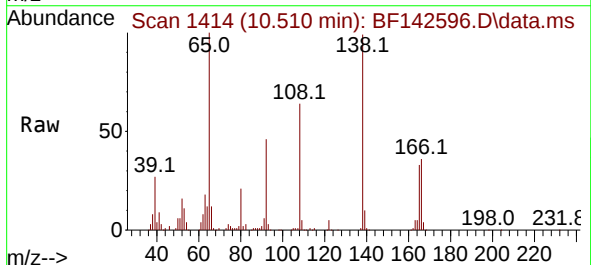
Instrument :
BNA_F
ClientSampleId :

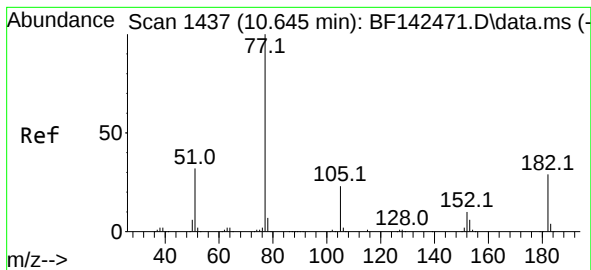
Tgt Ion:204 Resp: 358107
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.2 49.5 74.3



#62
4-Nitroaniline
Concen: 45.880 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:138 Resp: 173033
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 64.7 48.4 88.4

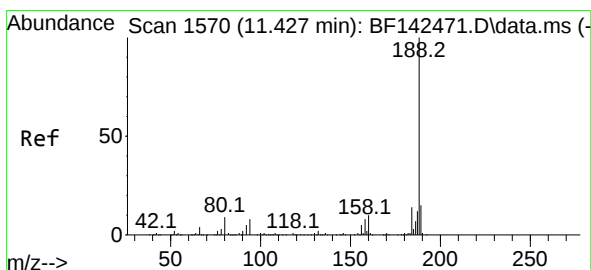
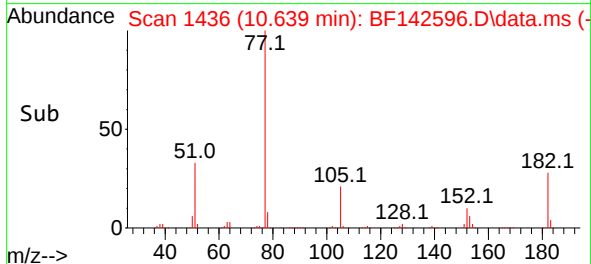
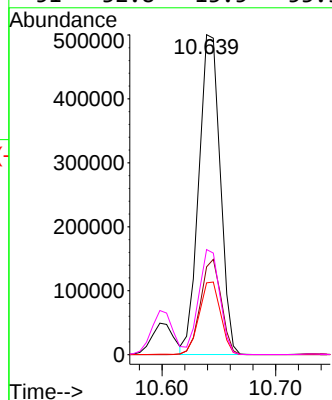
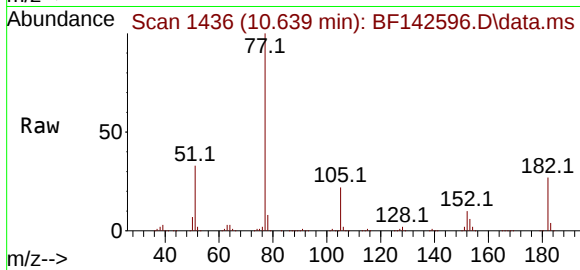




#63
 Azobenzene
 Concen: 42.312 ng
 RT: 10.639 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

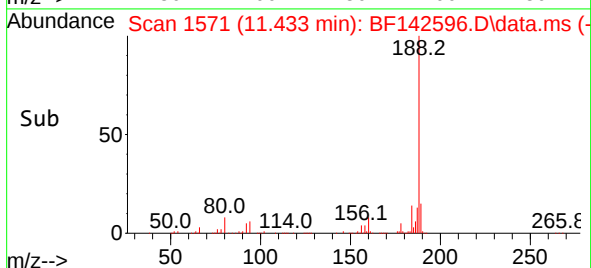
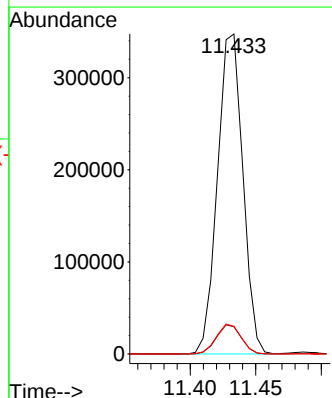
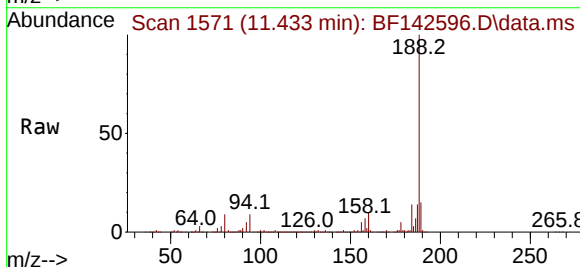
Instrument :
 BNA_F
 ClientSampleId :

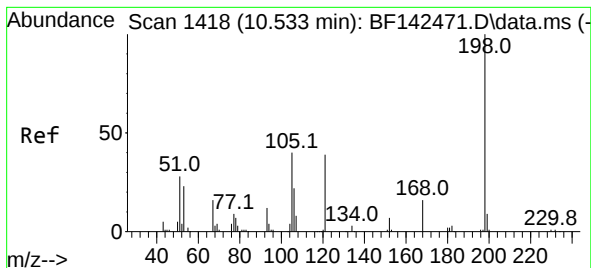
Tgt Ion:	77	Resp:	654721
Ion	Ratio	Lower	Upper
77	100		
182	27.5	9.0	49.0
105	22.5	2.4	42.4
51	32.8	13.5	53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.433 min Scan# 1571
 Delta R.T. 0.000 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

Tgt Ion:	188	Resp:	467735
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	8.6	7.4	11.0

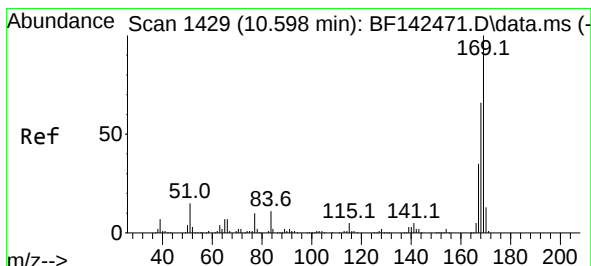
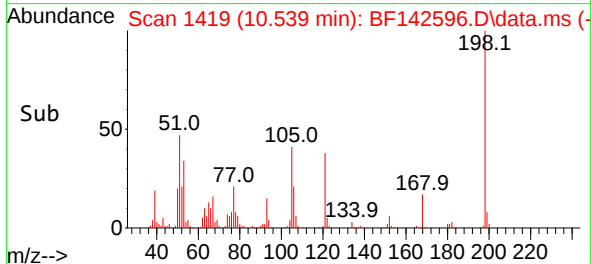
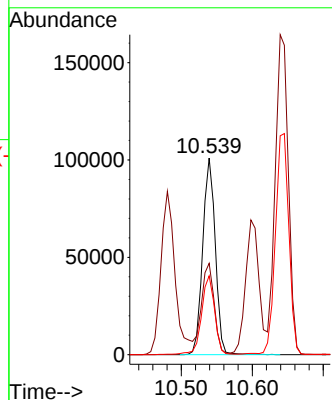
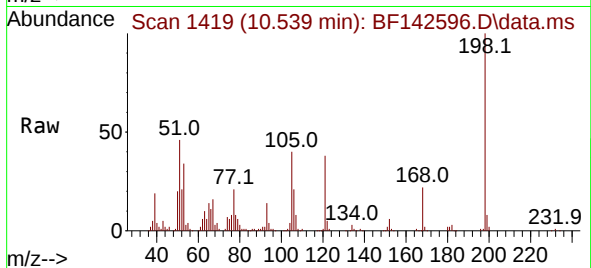




#65
4,6-Dinitro-2-methylphenol
Concen: 47.754 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

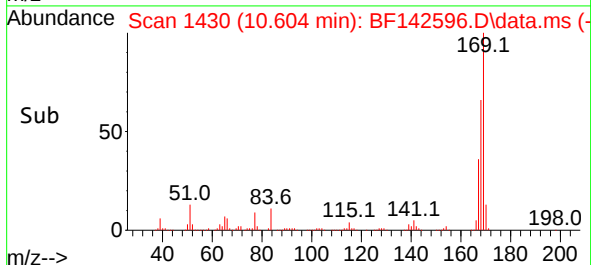
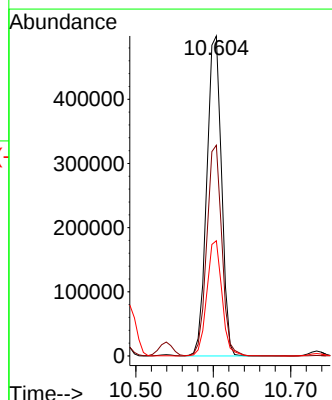
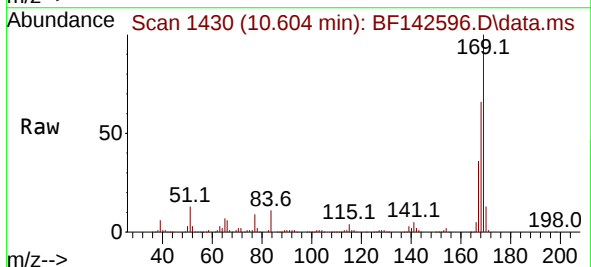
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 124652
Ion Ratio Lower Upper
198 100
51 46.4 28.3 68.3
105 40.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.076 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:169 Resp: 657300
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 36.0 28.3 42.5

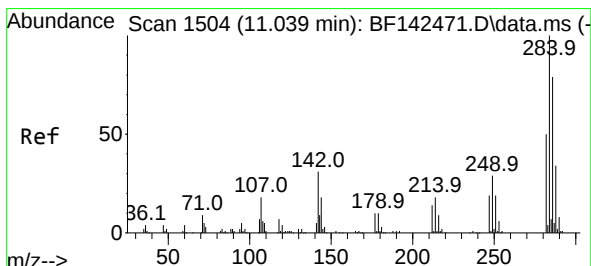
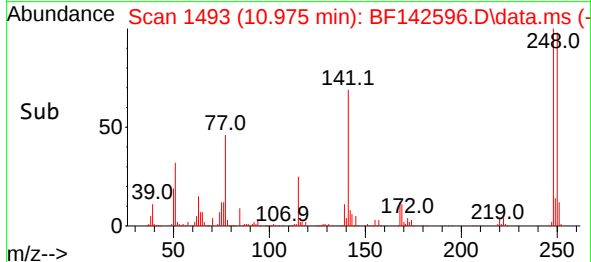
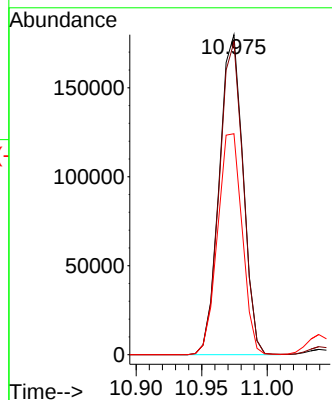
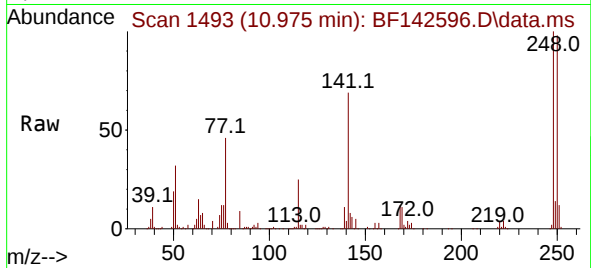




#67
4-Bromophenyl-phenylether
Concen: 40.986 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

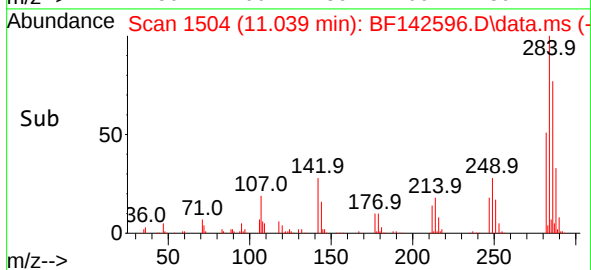
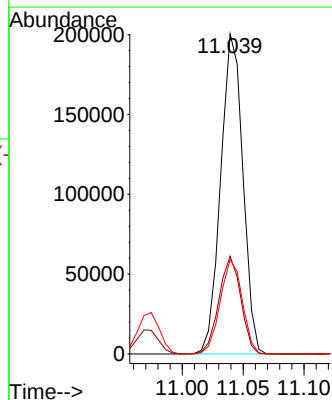
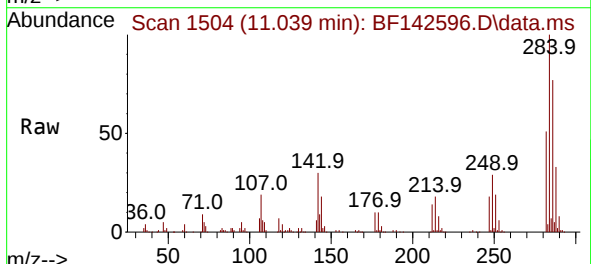
Instrument :
BNA_F
ClientSampleId :

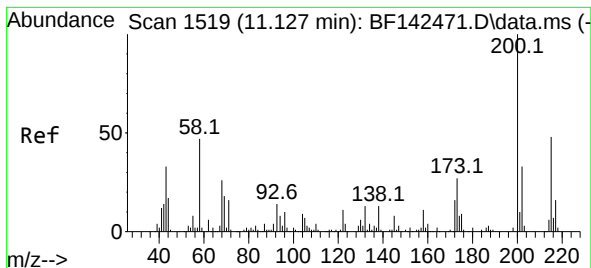
Tgt Ion:248 Resp: 226677
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.4
141 69.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.579 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:284 Resp: 254337
Ion Ratio Lower Upper
284 100
142 30.5 24.8 37.2
249 29.5 23.6 35.4





#69

Atrazine

Concen: 46.434 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

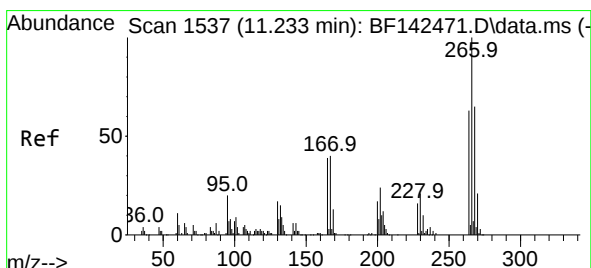
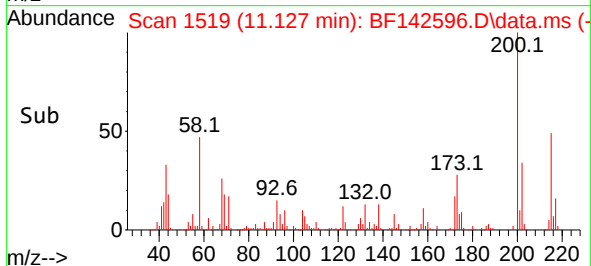
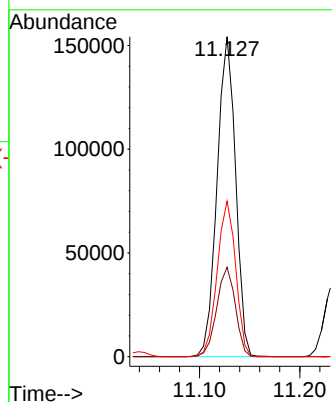
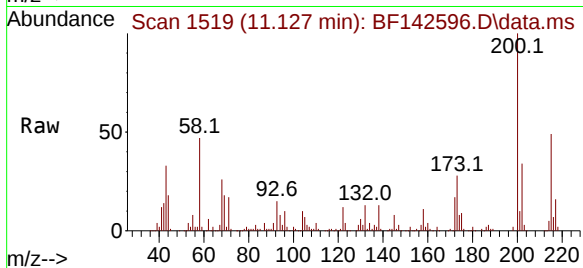
Tgt Ion:200 Resp: 197333

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.6 28.5 68.5



#70

Pentachlorophenol

Concen: 82.956 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

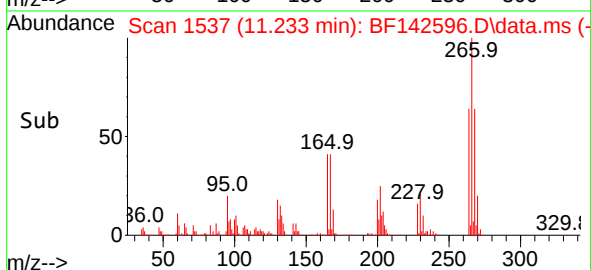
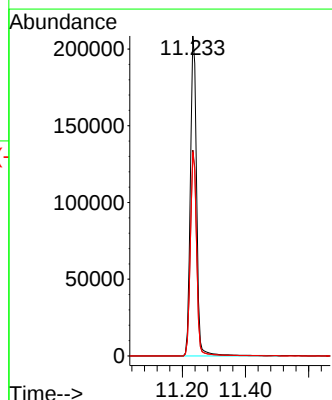
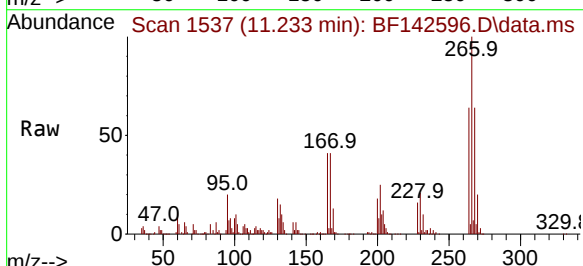
Tgt Ion:266 Resp: 286493

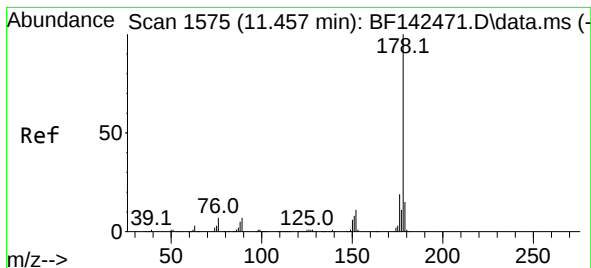
Ion Ratio Lower Upper

266 100

268 64.3 51.7 77.5

264 63.6 50.4 75.6





#71

Phenanthrene

Concen: 41.221 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

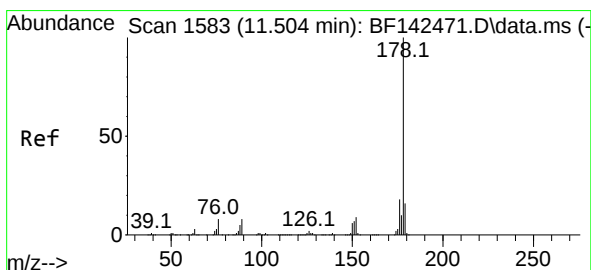
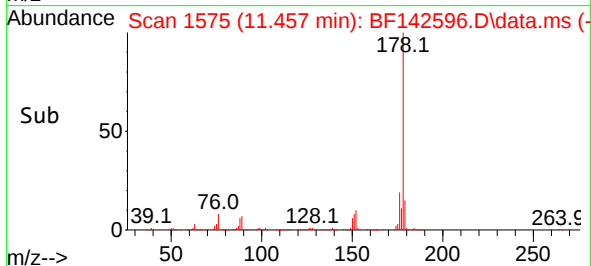
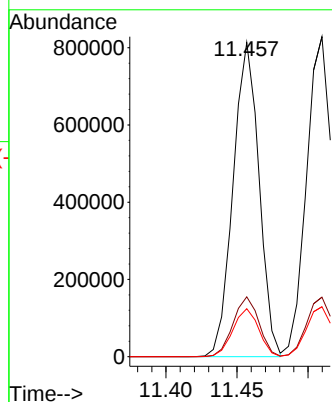
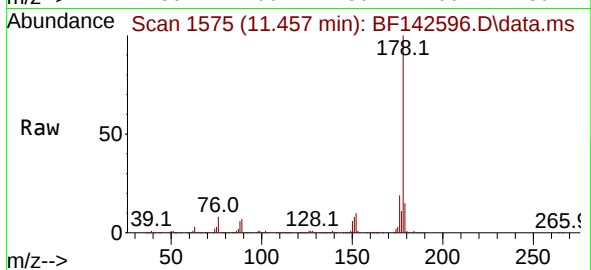
Tgt Ion:178 Resp: 1030386

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 41.067 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

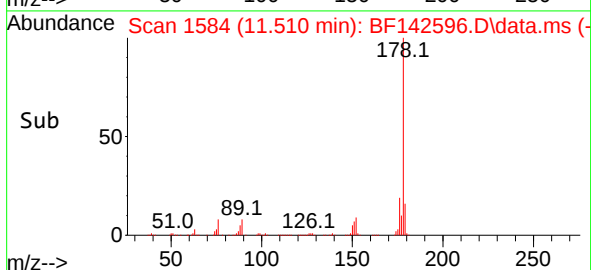
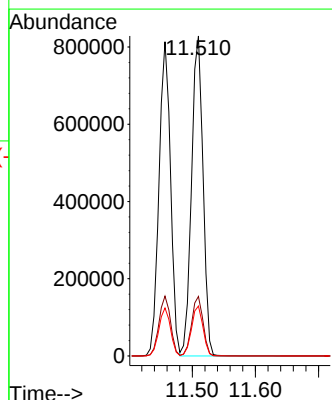
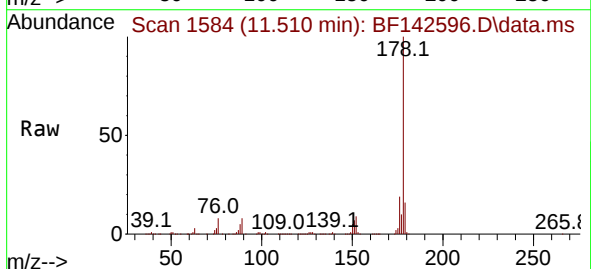
Tgt Ion:178 Resp: 1047674

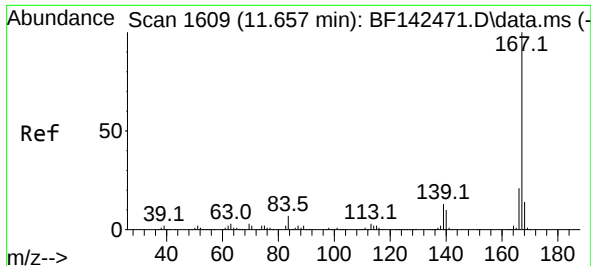
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

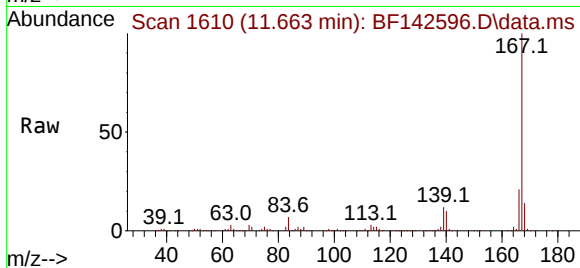
179 15.6 12.4 18.6



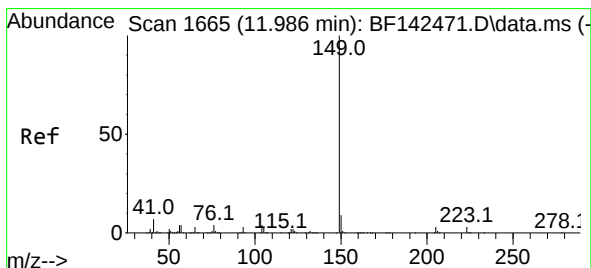
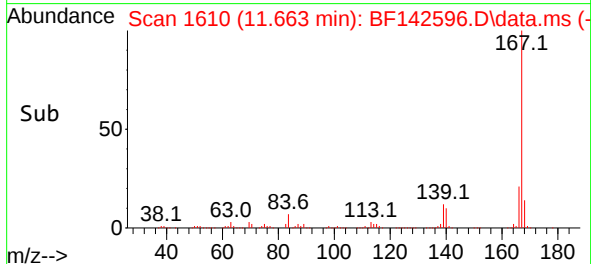
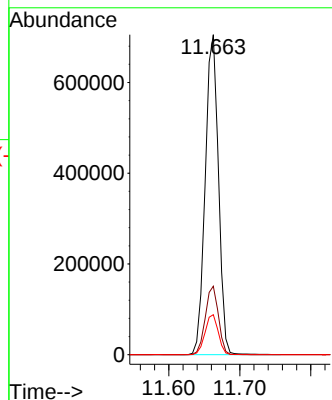


#73
 Carbazole
 Concen: 41.974 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

Instrument :
 BNA_F
 ClientSampleId :

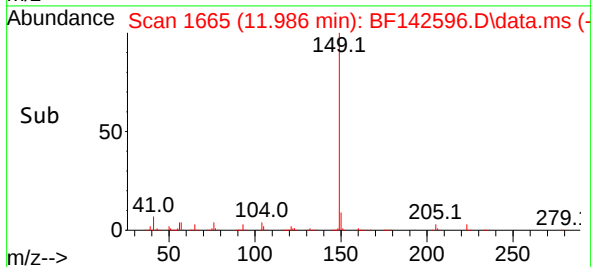
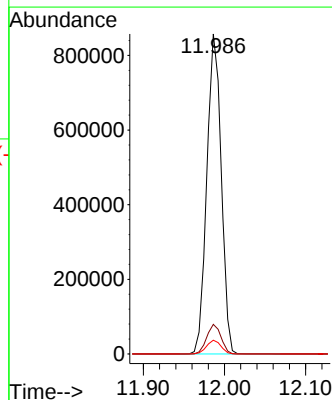
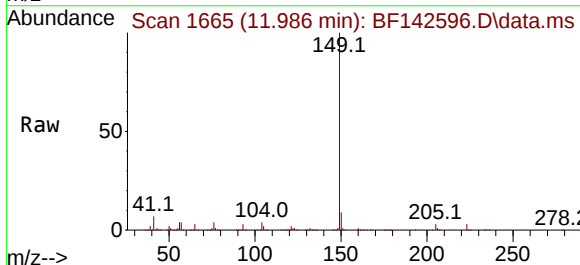


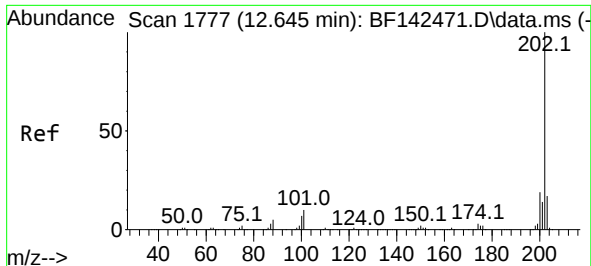
Tgt Ion:167 Resp: 915413
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 44.174 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

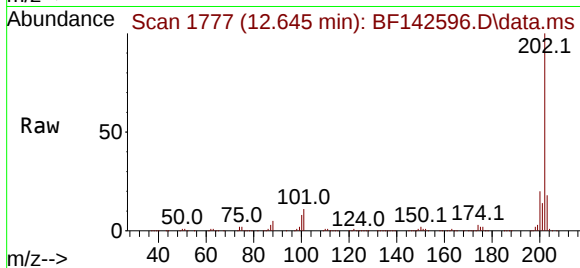
Tgt Ion:149 Resp: 1054540
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4



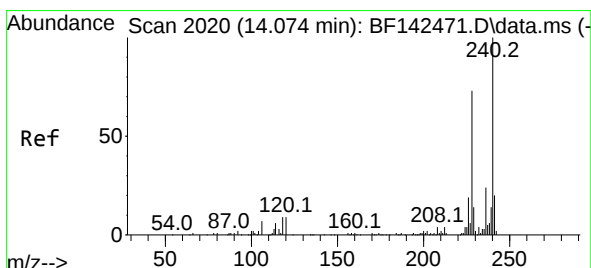
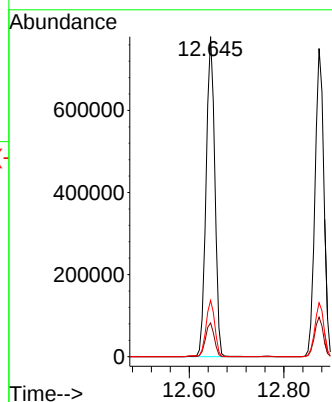
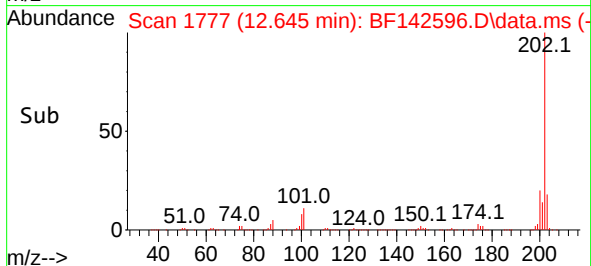


#75
Fluoranthene
Concen: 42.530 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

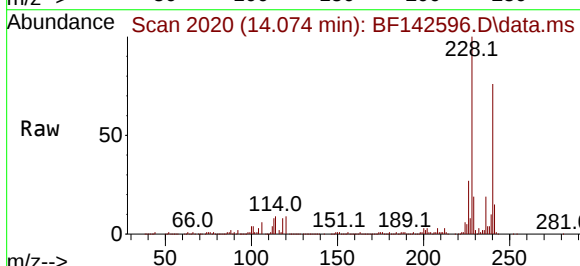
Instrument :
BNA_F
ClientSampleId :



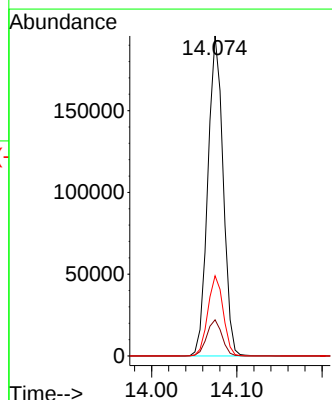
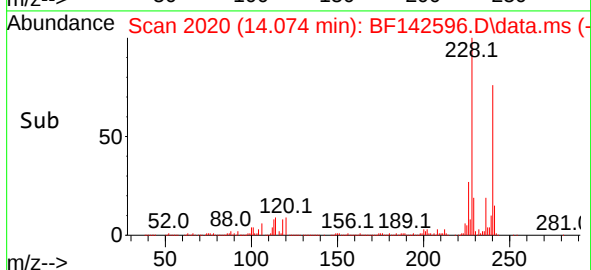
Tgt Ion:202 Resp: 993361
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.6 0.0 37.2

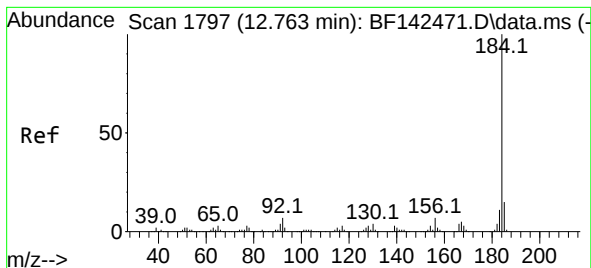


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23



Tgt Ion:240 Resp: 244296
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 25.1 19.6 29.4





#77

Benzidine

Concen: 37.169 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

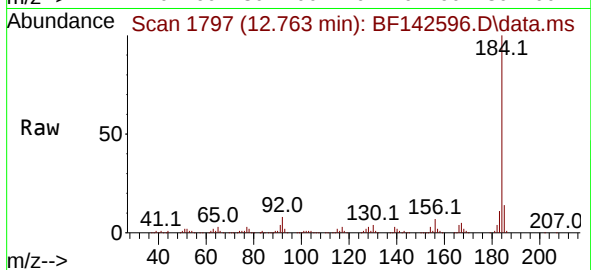
Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :



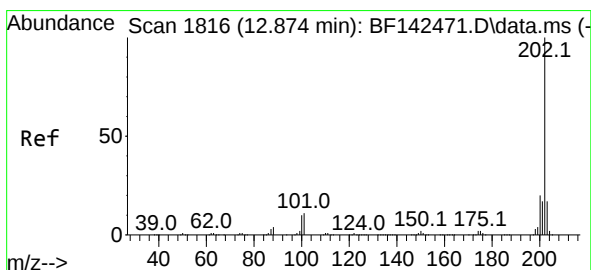
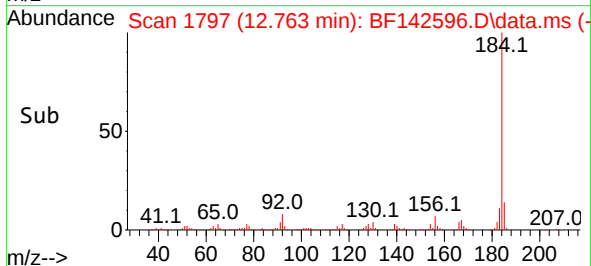
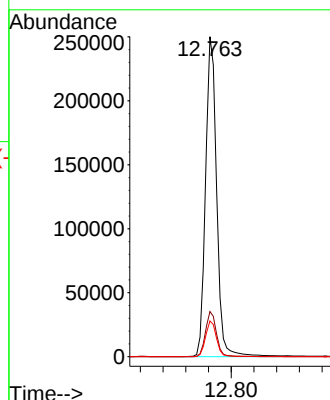
Tgt Ion:184 Resp: 337902

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.1 9.0 13.4



#78

Pyrene

Concen: 42.780 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

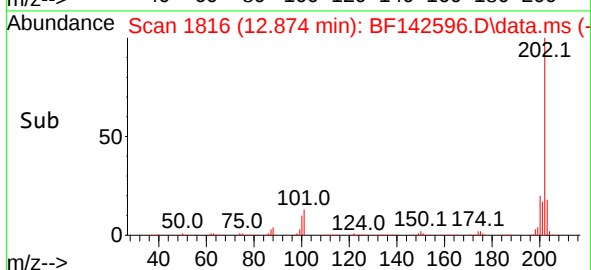
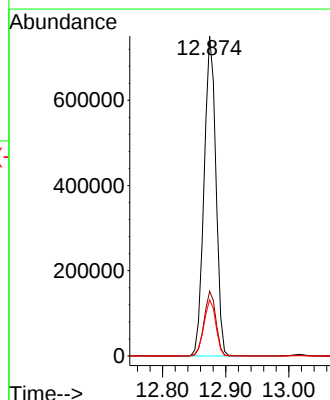
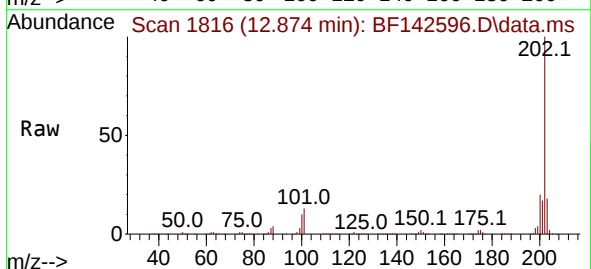
Tgt Ion:202 Resp: 974927

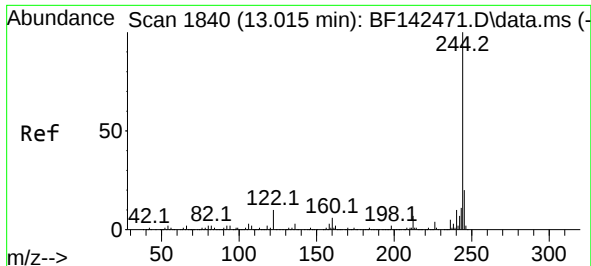
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

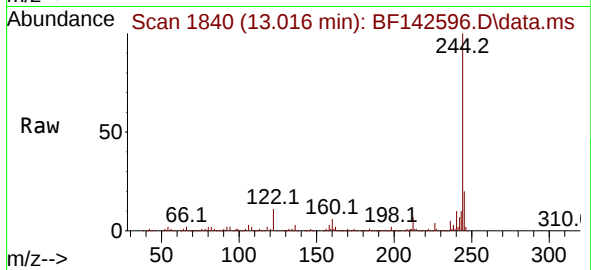
203 17.5 13.9 20.9



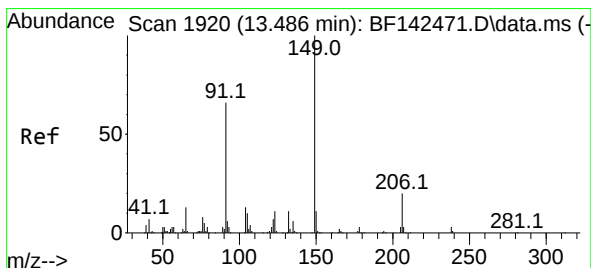
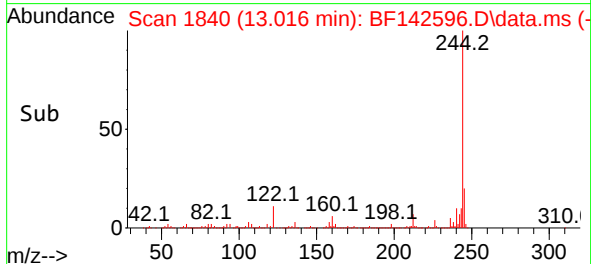
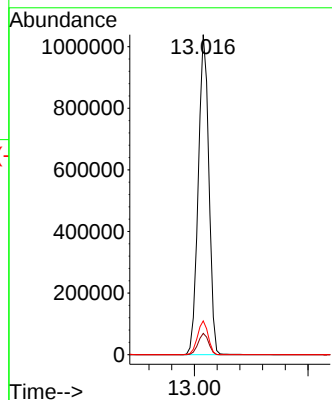


#79
 Terphenyl-d14
 Concen: 75.685 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

Instrument :
 BNA_F
 ClientSampleId :

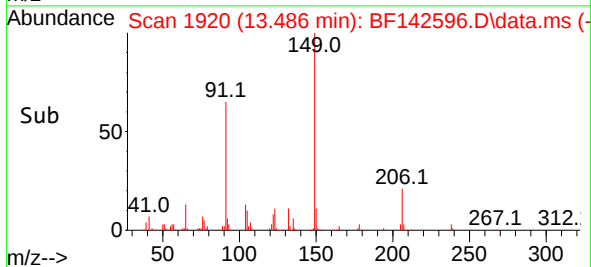
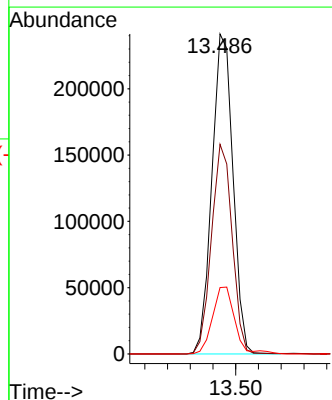
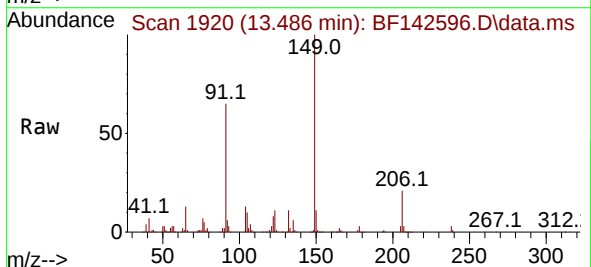


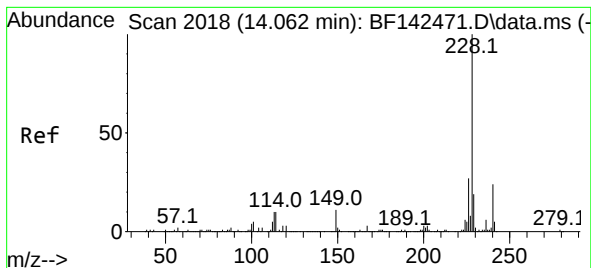
Tgt Ion:244 Resp: 1353021
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.286 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142596.D
 Acq: 02 Jun 2025 14:23

Tgt Ion:149 Resp: 310361
 Ion Ratio Lower Upper
 149 100
 91 65.5 52.9 79.3
 206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 42.477 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

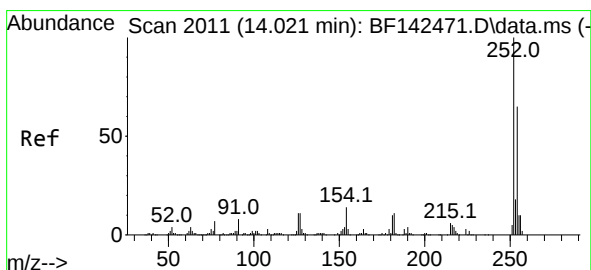
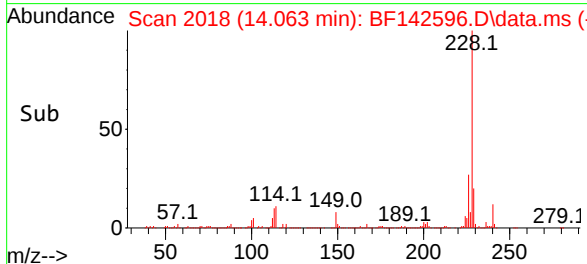
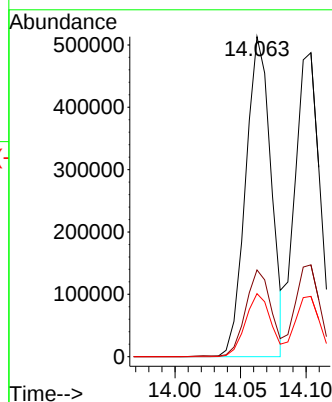
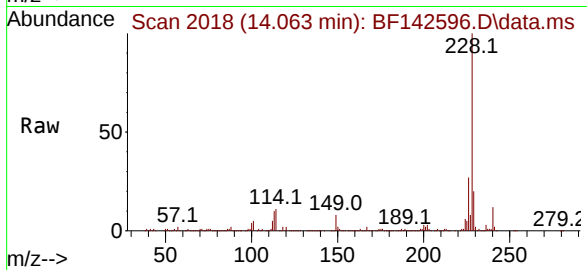
Tgt Ion:228 Resp: 692921

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 26.241 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

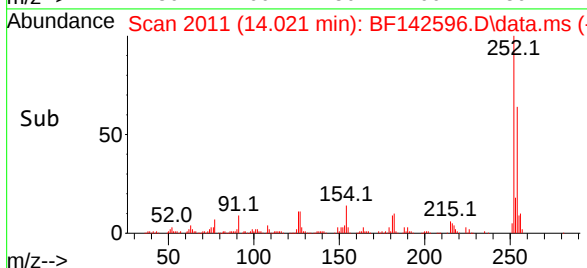
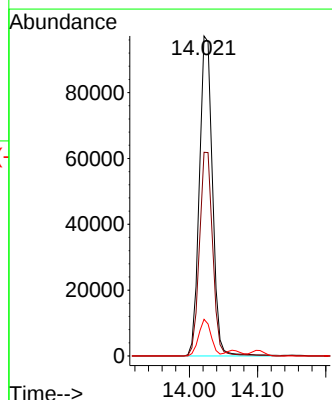
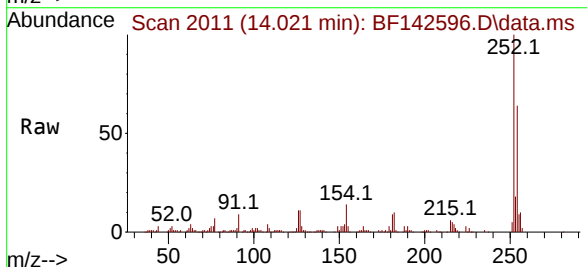
Tgt Ion:252 Resp: 129835

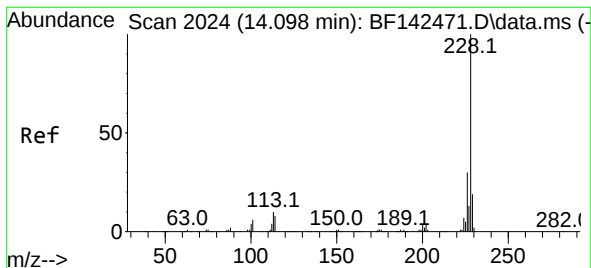
Ion Ratio Lower Upper

252 100

254 63.6 52.0 78.0

126 11.4 8.9 13.3





#83

Chrysene

Concen: 43.718 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

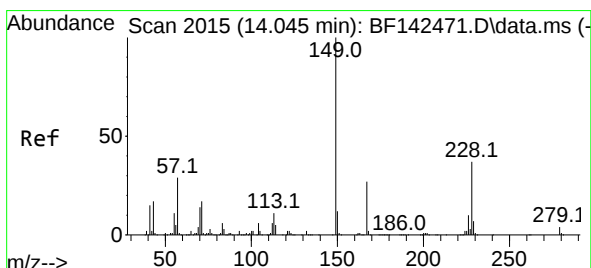
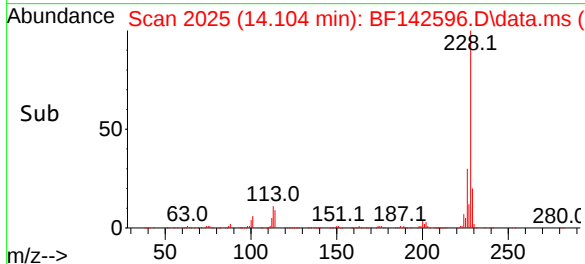
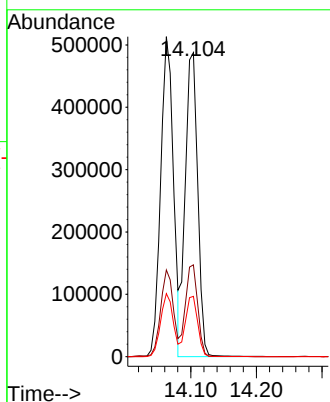
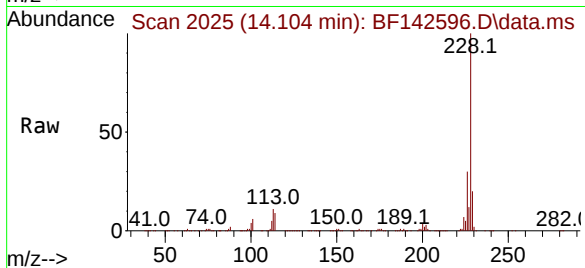
Tgt Ion:228 Resp: 640831

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.135 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

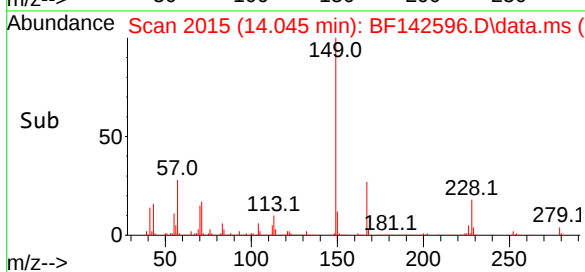
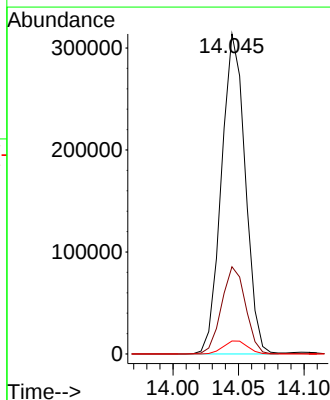
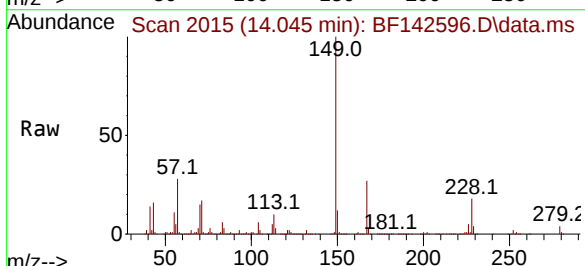
Tgt Ion:149 Resp: 396090

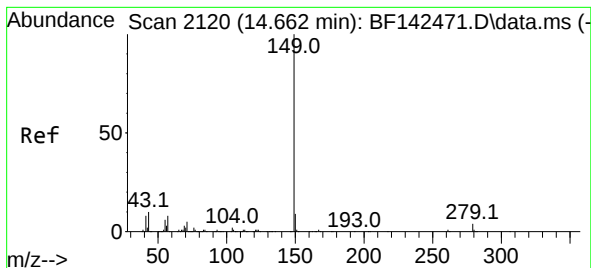
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.763 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

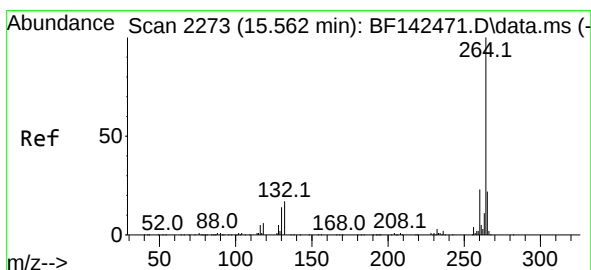
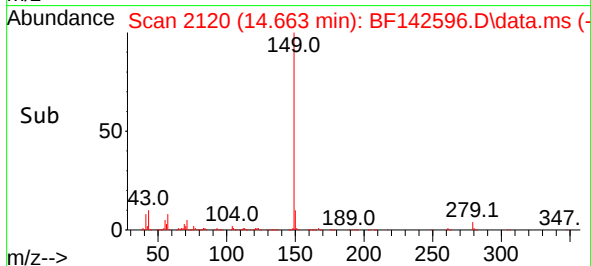
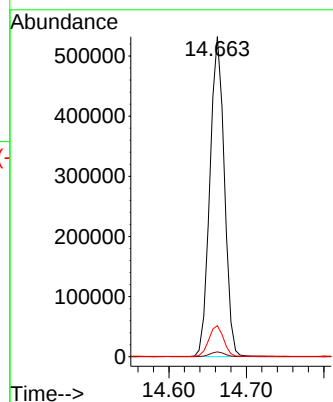
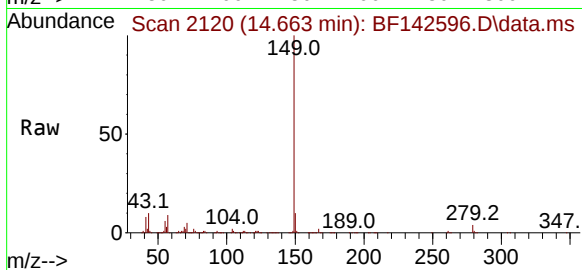
Tgt Ion:149 Resp: 689795

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

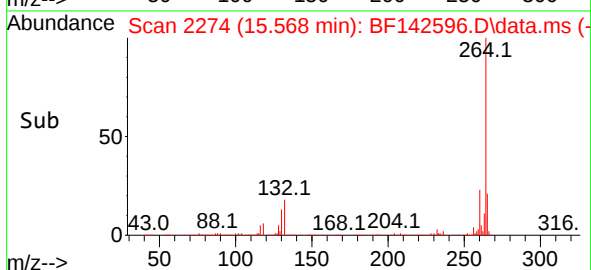
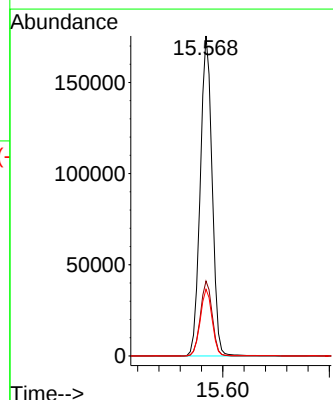
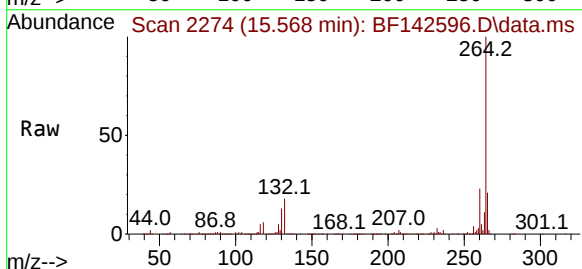
Tgt Ion:264 Resp: 271289

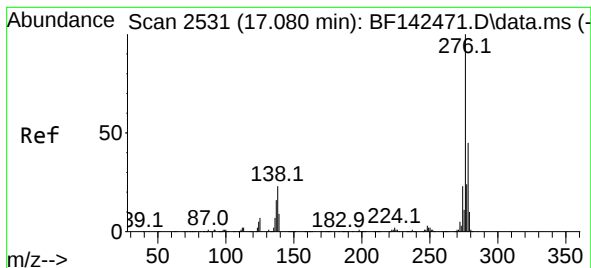
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 20.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.689 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

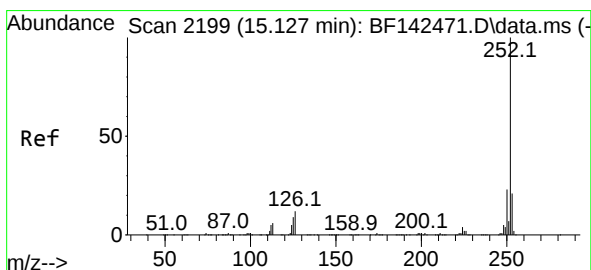
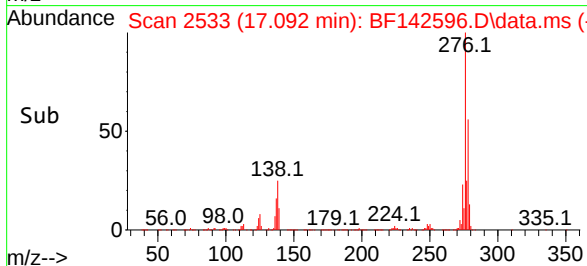
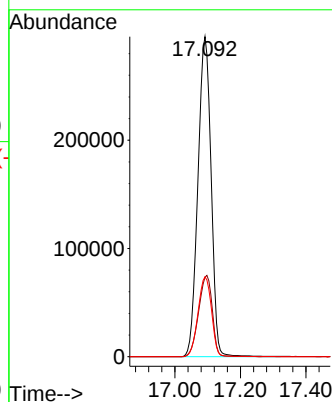
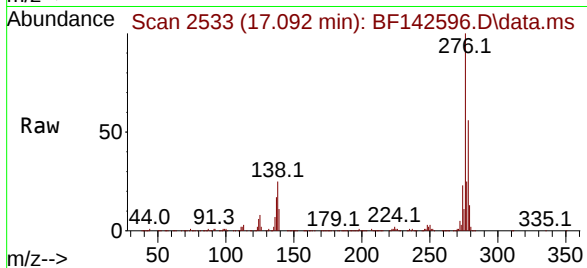
Tgt Ion:276 Resp: 828706

Ion Ratio Lower Upper

276 100

138 26.3 19.9 29.9

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.901 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

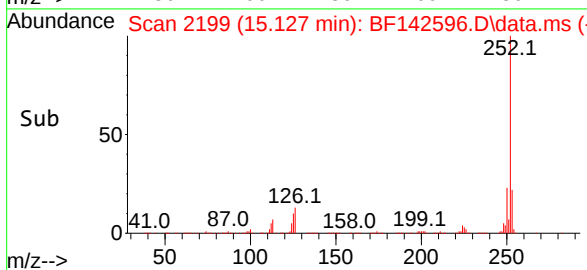
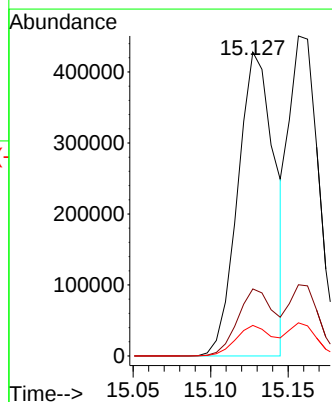
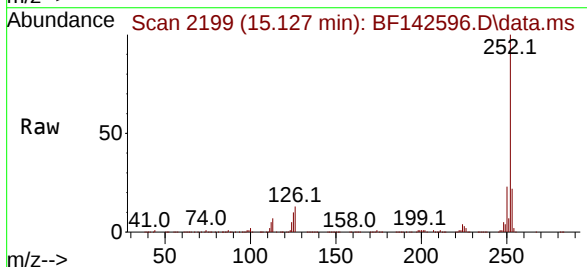
Tgt Ion:252 Resp: 704885

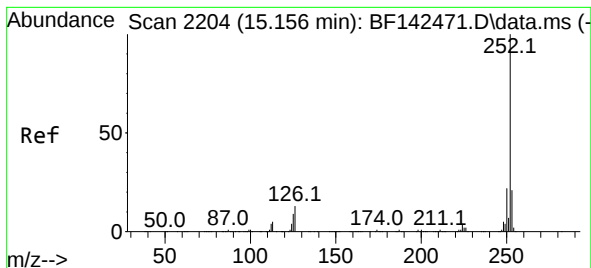
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.893 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

Instrument :

BNA_F

ClientSampleId :

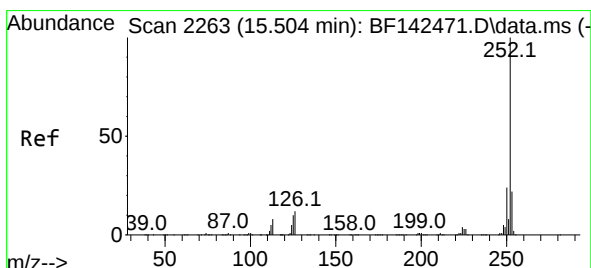
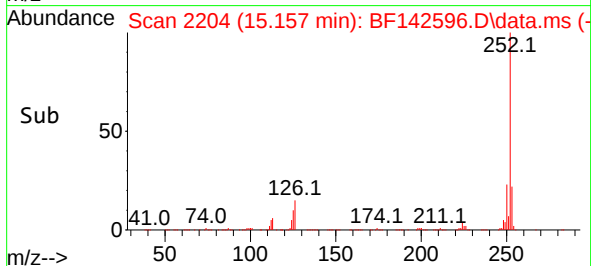
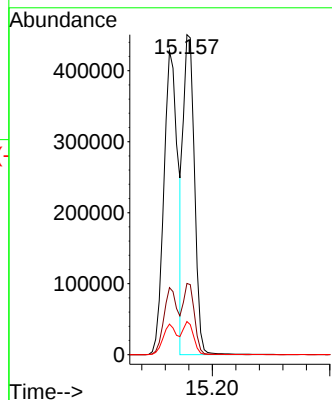
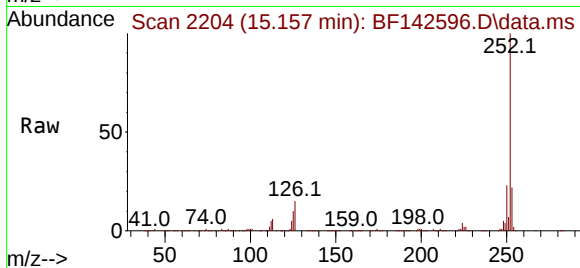
Tgt Ion:252 Resp: 599933

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 10.4 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.063 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142596.D

Acq: 02 Jun 2025 14:23

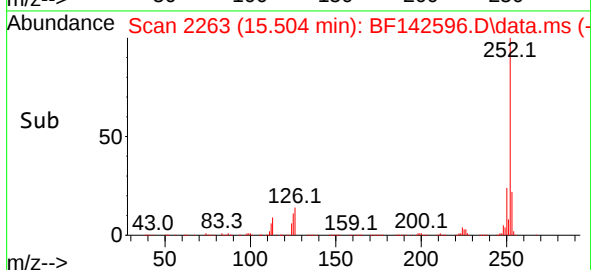
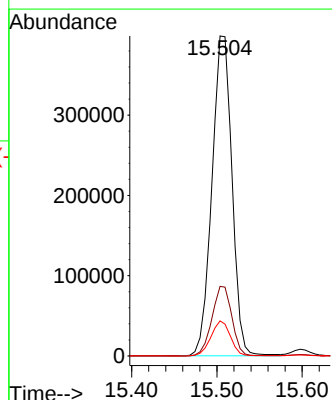
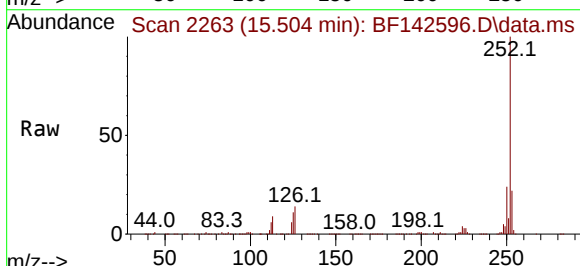
Tgt Ion:252 Resp: 651737

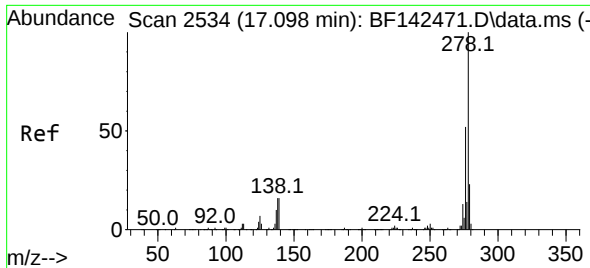
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.0 7.9 11.9

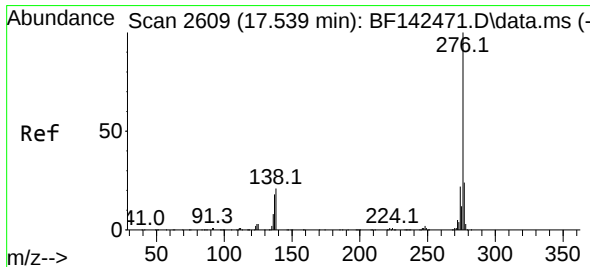
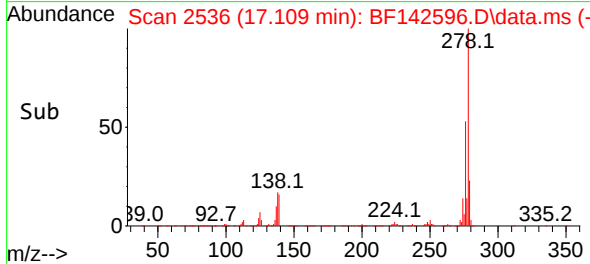
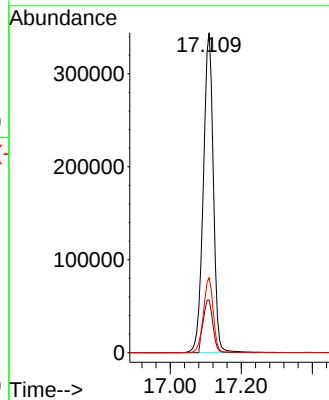
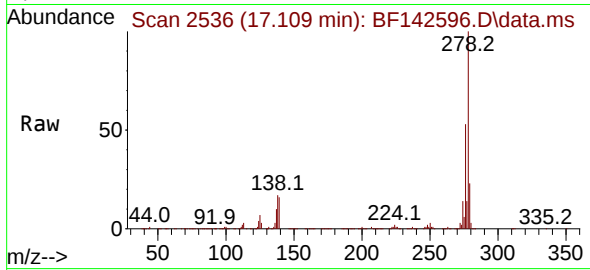




#91
Dibenzo(a,h)anthracene
Concen: 41.133 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 679455
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 40.598 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.006 min
Lab File: BF142596.D
Acq: 02 Jun 2025 14:23

Tgt Ion:276 Resp: 670764
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.8 16.8 25.2

