

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142843.D
 Acq On : 25 Jun 2025 18:04
 Operator : RC/JU
 Sample : Q2394-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMS

Quant Time: Jun 25 18:35:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	88519	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	329491	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	165682	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	227501	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165966	20.000	ng	0.00
86) Perylene-d12	15.545	264	197780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	499572	93.963	ng	0.01
7) Phenol-d6	6.510	99	600360	95.711	ng	0.00
23) Nitrobenzene-d5	7.439	82	362464	60.340	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	150754	88.420	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	742296	58.856	ng	0.00
79) Terphenyl-d14	12.992	244	463419	38.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	75011	35.274	ng	100
3) Pyridine	3.475	79	200057	37.526	ng	99
4) n-Nitrosodimethylamine	3.428	42	107913	39.144	ng	100
6) Aniline	6.540	93	217621	26.074	ng	# 87
8) 2-Chlorophenol	6.663	128	233842	40.773	ng	98
9) Benzaldehyde	6.428	77	137324	36.901	ng	99
10) Phenol	6.528	94	273460	39.220	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	199815	40.096	ng	99
12) 1,3-Dichlorobenzene	6.816	146	255057	39.765	ng	99
13) 1,4-Dichlorobenzene	6.892	146	253276	39.138	ng	99
14) 1,2-Dichlorobenzene	7.045	146	244651	39.858	ng	99
15) Benzyl Alcohol	7.022	79	185058	40.809	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	311726	38.934	ng	95
17) 2-Methylphenol	7.134	107	174992	40.263	ng	98
18) Hexachloroethane	7.387	117	90157	39.831	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	148962	40.832	ng	97
20) 3+4-Methylphenols	7.287	107	219249	40.459	ng	96
22) Acetophenone	7.287	105	297693	40.971	ng	97
24) Nitrobenzene	7.463	77	222065	40.844	ng	97
25) Isophorone	7.698	82	393119	40.796	ng	100
26) 2-Nitrophenol	7.781	139	127098	42.914	ng	96
27) 2,4-Dimethylphenol	7.816	122	206921	40.334	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	252403	41.200	ng	100
29) 2,4-Dichlorophenol	8.022	162	190142	40.876	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	208686	40.798	ng	99
31) Naphthalene	8.186	128	662234	41.061	ng	100
32) Benzoic acid	7.928	122	97920	37.448	ng	96
33) 4-Chloroaniline	8.234	127	77471	11.813	ng	98
34) Hexachlorobutadiene	8.298	225	127754	40.832	ng	99
35) Caprolactam	8.604	113	50110	40.824	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	182369	39.448	ng	100
37) 2-Methylnaphthalene	8.875	142	404875	40.492	ng	100
38) 1-Methylnaphthalene	8.975	142	419225	40.502	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	206370	42.213	ng	99
41) Hexachlorocyclopentadiene	9.028	237	215010	77.502	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	131094	41.152	ng	100

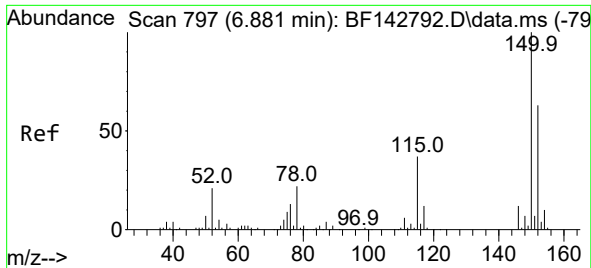
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	136008	40.558	ng	99
46) 1,1'-Biphenyl	9.339	154	547245	41.813	ng	100
47) 2-Chloronaphthalene	9.369	162	405690	41.306	ng	99
48) 2-Nitroaniline	9.463	65	109486	39.762	ng	95
49) Acenaphthylene	9.781	152	656449	40.601	ng	100
50) Dimethylphthalate	9.639	163	450728	42.027	ng	100
51) 2,6-Dinitrotoluene	9.704	165	97227	41.281	ng	99
52) Acenaphthene	9.957	154	424561	43.038	ng	99
53) 3-Nitroaniline	9.869	138	53290	20.550	ng	99
54) 2,4-Dinitrophenol	9.980	184	80048	67.877	ng	99
55) Dibenzofuran	10.128	168	563126	39.809	ng	99
56) 4-Nitrophenol	10.039	139	115198	64.891	ng	98
57) 2,4-Dinitrotoluene	10.110	165	122816	39.258	ng	98
58) Fluorene	10.469	166	429288	38.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101337	37.490	ng	96
60) Diethylphthalate	10.339	149	430342	40.925	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	208769	39.601	ng	99
62) 4-Nitroaniline	10.486	138	81554	34.388	ng	98
63) Azobenzene	10.622	77	400040	42.566	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	56551	41.096	ng	94
66) n-Nitrosodiphenylamine	10.580	169	360840	45.765	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	120669	46.605	ng	97
68) Hexachlorobenzene	11.016	284	129337	44.955	ng	98
69) Atrazine	11.104	200	94788	46.555	ng	99
70) Pentachlorophenol	11.216	266	107120	74.720	ng	97
71) Phenanthrene	11.433	178	505523	41.020	ng	100
72) Anthracene	11.486	178	513353	40.616	ng	100
73) Carbazole	11.639	167	404102	37.050	ng	100
74) Di-n-butylphthalate	11.963	149	511965	45.058	ng	100
75) Fluoranthene	12.621	202	420643	35.965	ng	100
77) Benzidine	12.745	184	165026	26.465	ng	99
78) Pyrene	12.851	202	417496	26.837	ng	99
80) Butylbenzylphthalate	13.469	149	181793	40.286	ng	97
81) Benzo(a)anthracene	14.045	228	463653	41.412	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	59405	16.358	ng	98
83) Chrysene	14.080	228	425822	42.622	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	283606	43.681	ng	100
85) Di-n-octyl phthalate	14.645	149	541947	44.267	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	365312	24.250	ng	99
88) Benzo(b)fluoranthene	15.110	252	512125	44.749	ng	100
89) Benzo(k)fluoranthene	15.139	252	484313	45.233	ng	99
90) Benzo(a)pyrene	15.486	252	475618	43.019	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	299177	24.442	ng	99
92) Benzo(g,h,i)perylene	17.509	276	257081	21.062	ng	99

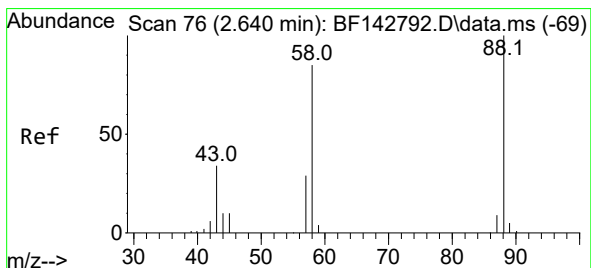
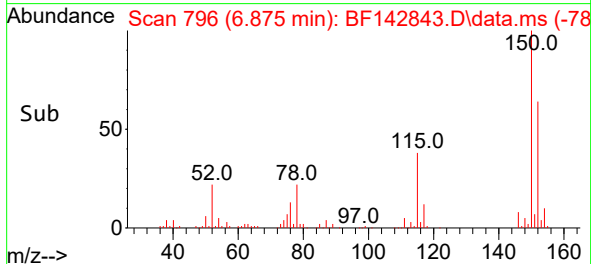
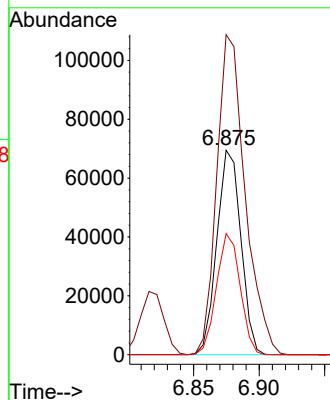
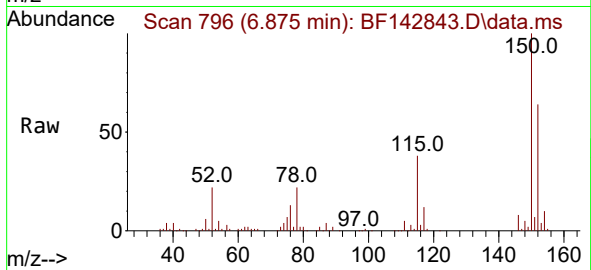
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

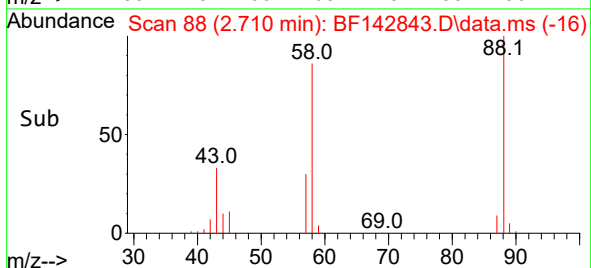
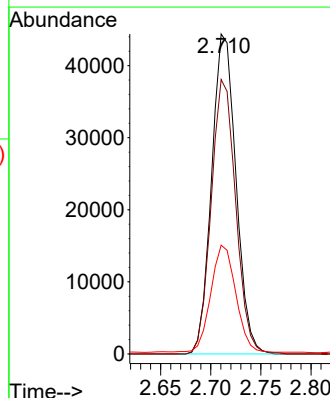
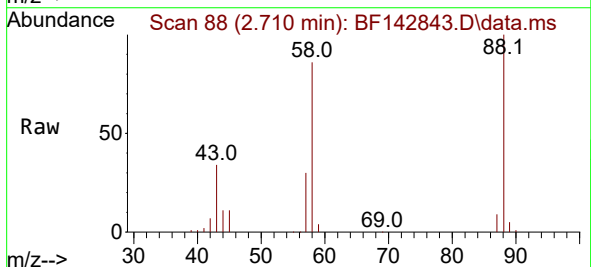
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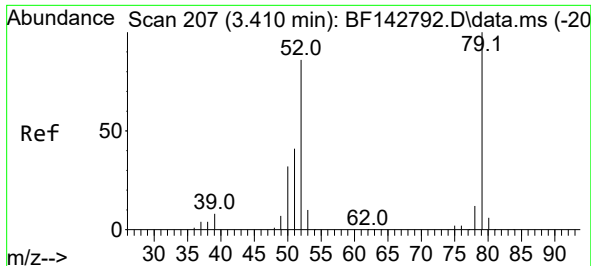
Tgt Ion:152 Resp: 88519
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.2 190.8
 115 59.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.274 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

Tgt Ion: 88 Resp: 75011
 Ion Ratio Lower Upper
 88 100
 58 86.4 69.1 103.7
 43 35.1 27.4 41.2

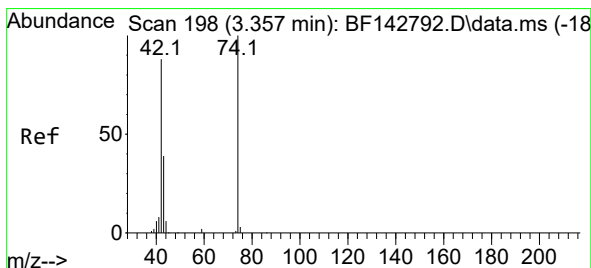
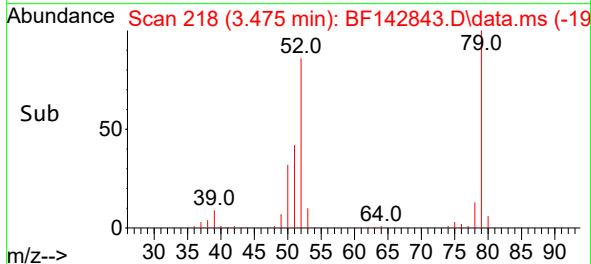
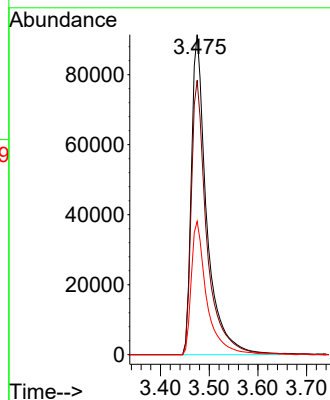
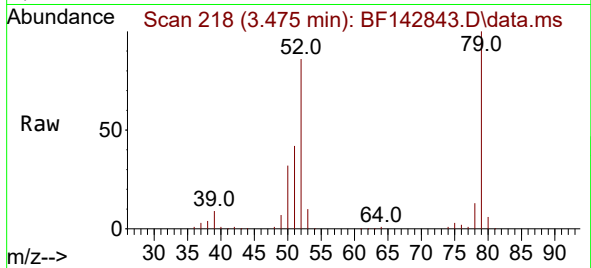




#3
Pyridine
Concen: 37.526 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

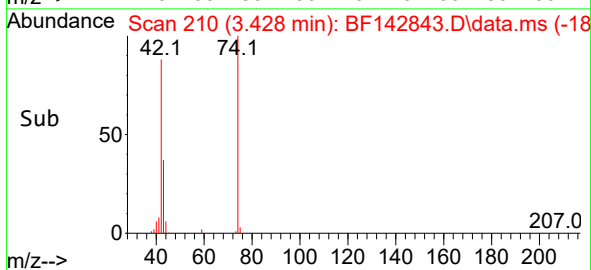
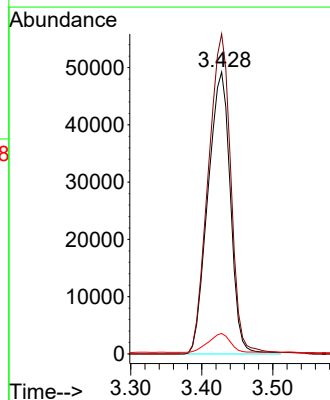
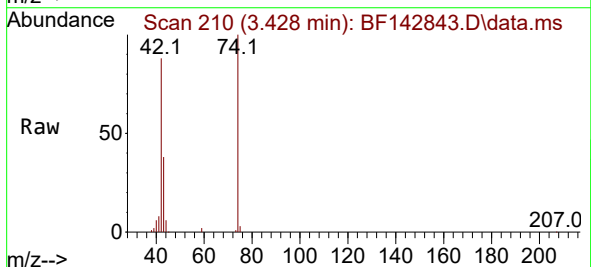
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ClientSampleId :
MH-K/LMS

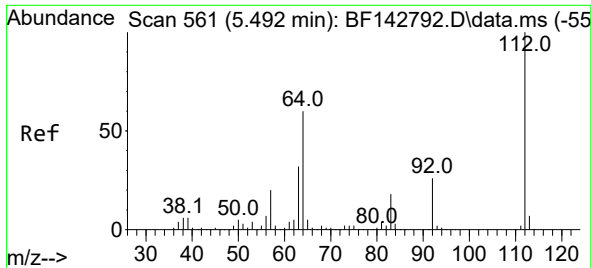
Tgt Ion: 79 Resp: 200057
Ion Ratio Lower Upper
79 100
52 85.7 69.2 103.8
51 41.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 39.144 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion: 42 Resp: 107913
Ion Ratio Lower Upper
42 100
74 113.5 90.9 136.3
44 7.2 5.8 8.6

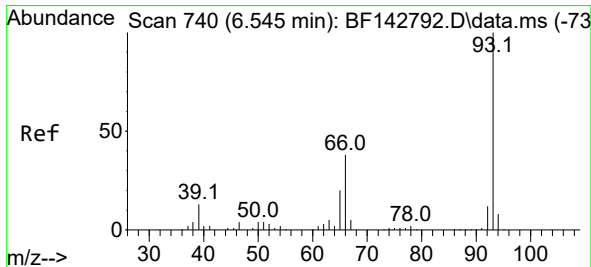
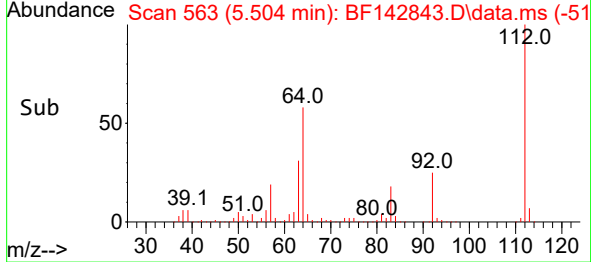
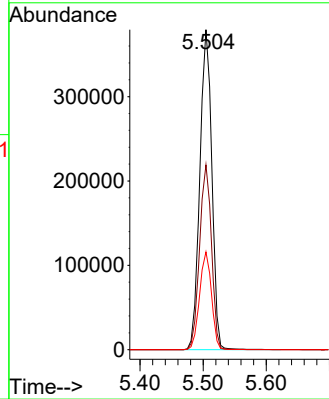
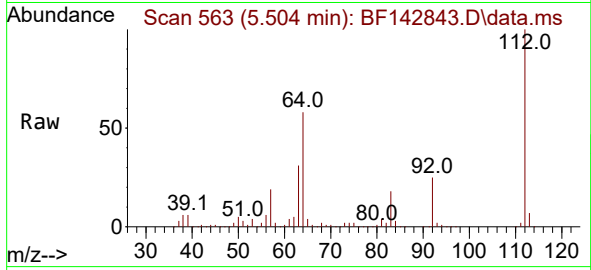




#5
2-Fluorophenol
Concen: 93.963 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

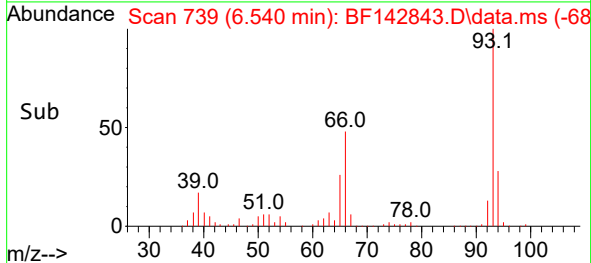
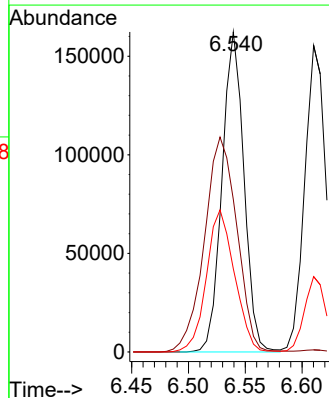
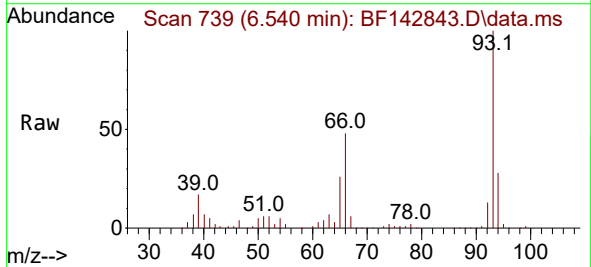
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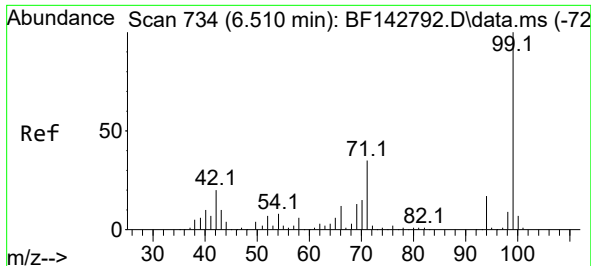
Tgt Ion:112 Resp: 499572
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.5 25.7 38.5



#6
Aniline
Concen: 26.074 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion: 93 Resp: 217621
Ion Ratio Lower Upper
93 100
66 47.6 31.8 47.6#
65 26.0 16.2 24.2#

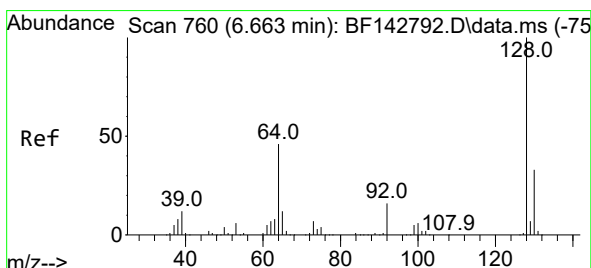
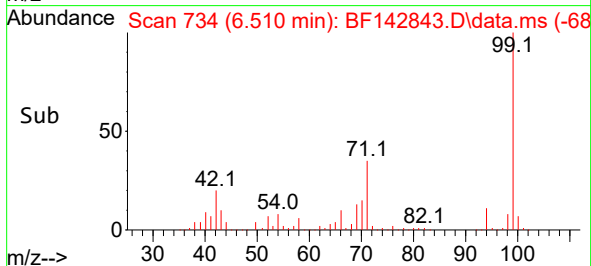
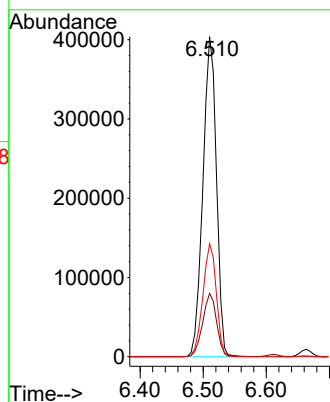
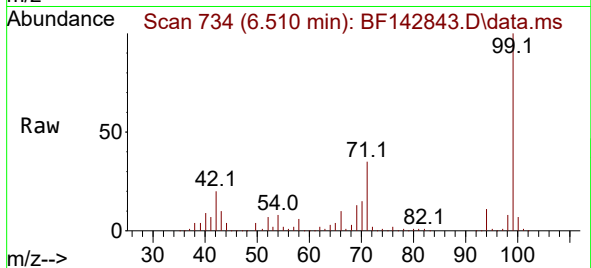




#7
Phenol-d6
Concen: 95.711 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

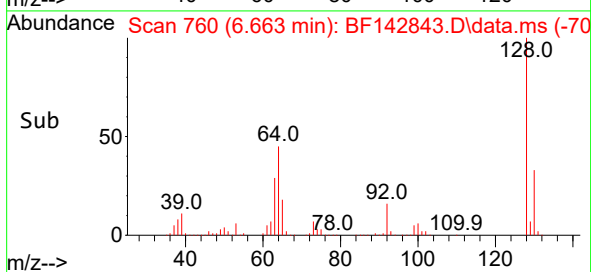
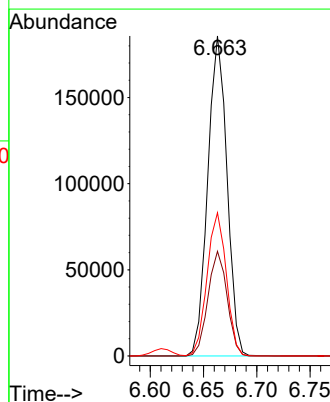
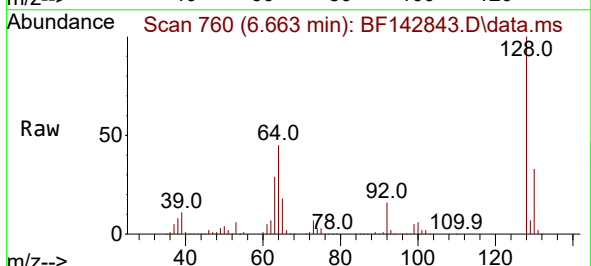
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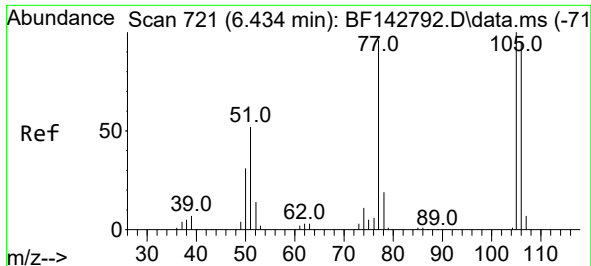
Tgt Ion: 99 Resp: 600360
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 40.773 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:128 Resp: 233842
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 44.7 26.5 66.5

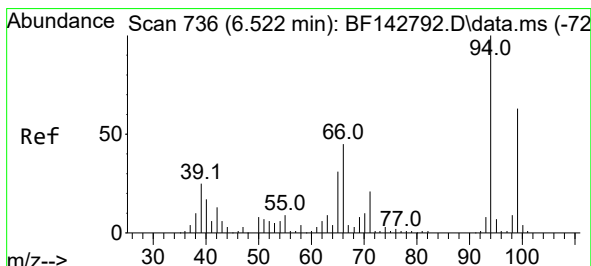
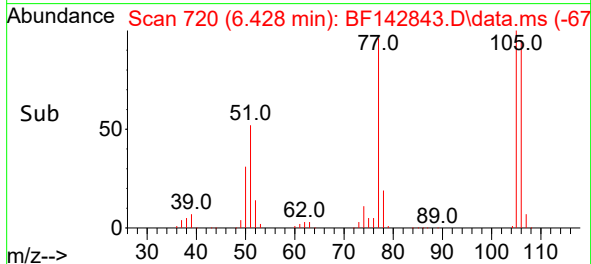
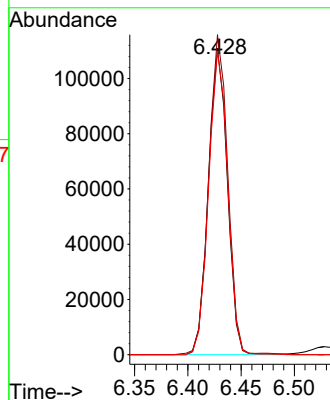
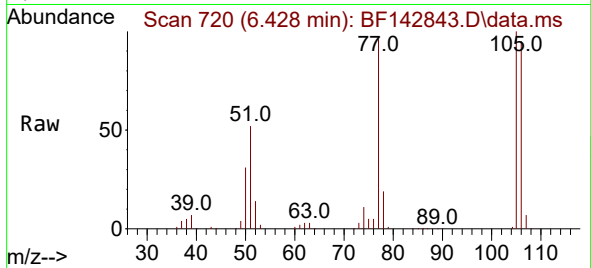




#9
Benzaldehyde
Concen: 36.901 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

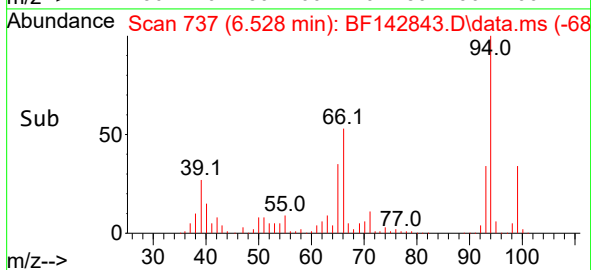
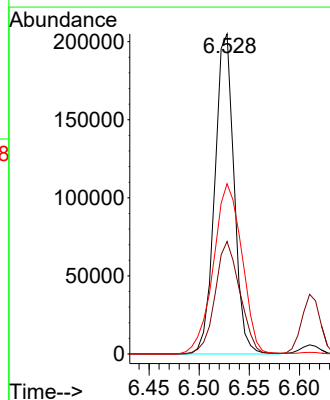
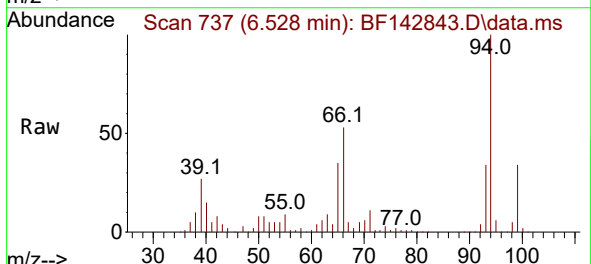
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

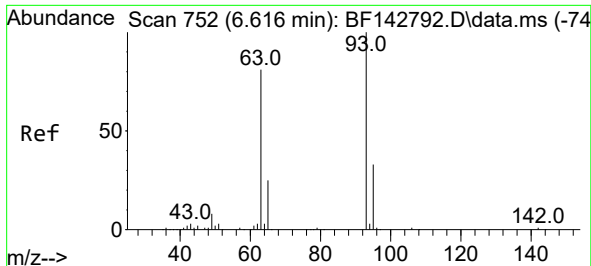
Tgt Ion: 77 Resp: 137324
Ion Ratio Lower Upper
77 100
105 104.5 83.8 123.8
106 99.1 78.7 118.7



#10
Phenol
Concen: 39.220 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion: 94 Resp: 273460
Ion Ratio Lower Upper
94 100
65 35.2 11.3 51.3
66 53.2 24.9 64.9

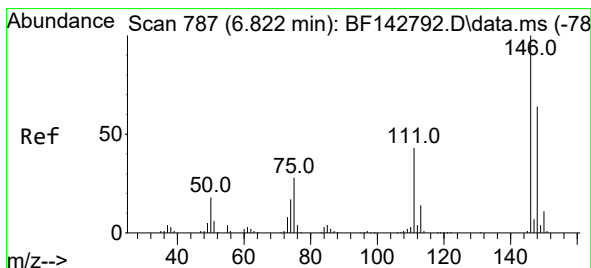
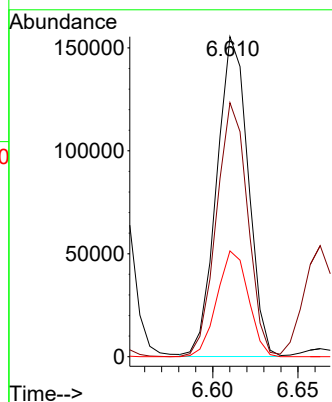
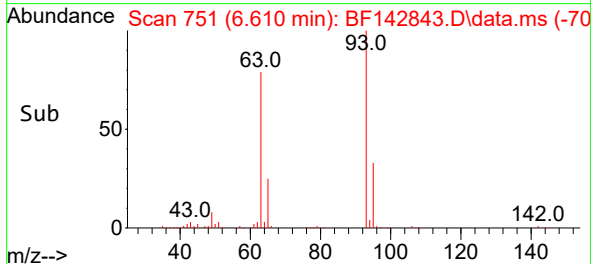
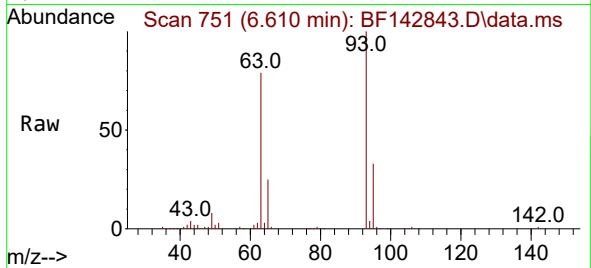




#11
bis(2-Chloroethyl)ether
Concen: 40.096 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

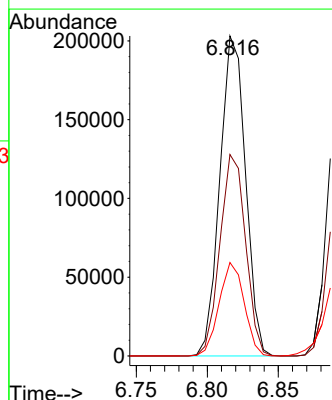
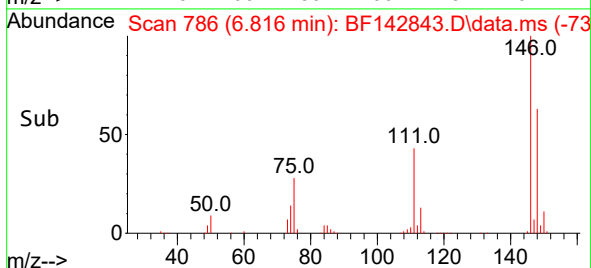
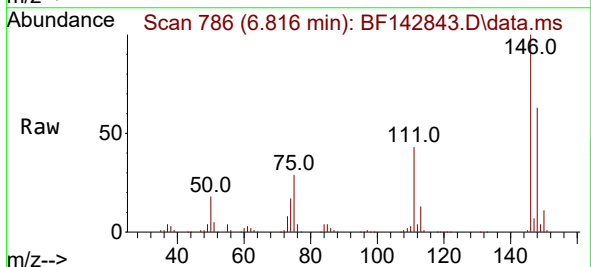
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

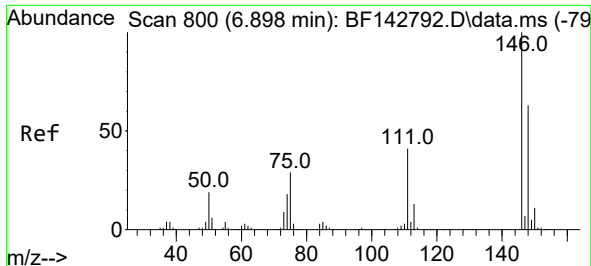
Tgt Ion: 93 Resp: 199815
Ion Ratio Lower Upper
93 100
63 79.4 60.3 100.3
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.765 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:146 Resp: 255057
Ion Ratio Lower Upper
146 100
148 63.0 51.1 76.7
75 29.2 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 39.138 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

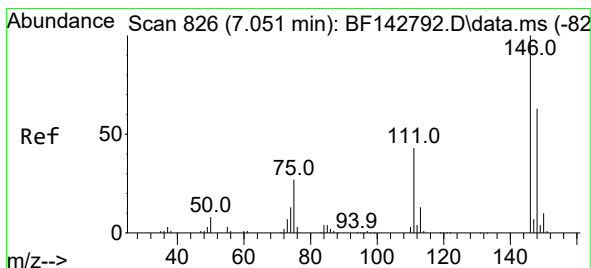
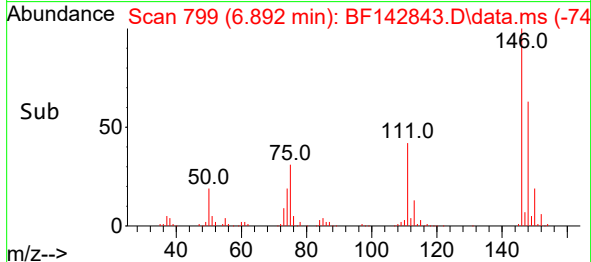
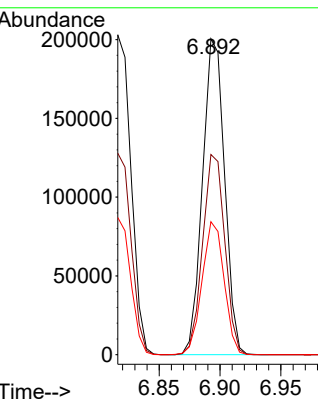
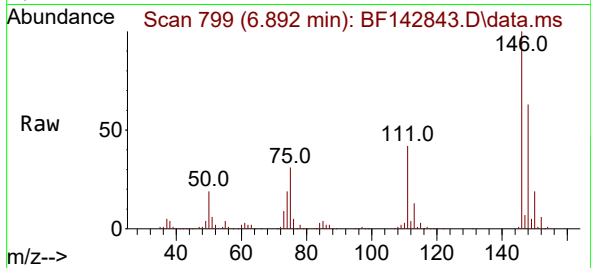
Tgt Ion:146 Resp: 253276

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 42.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 39.858 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

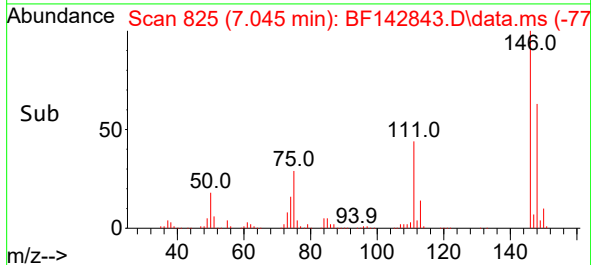
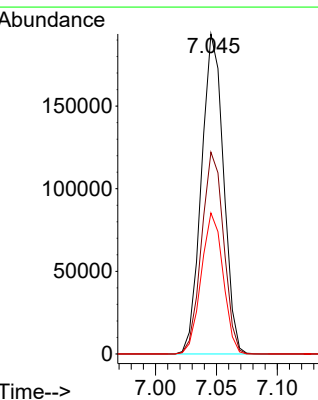
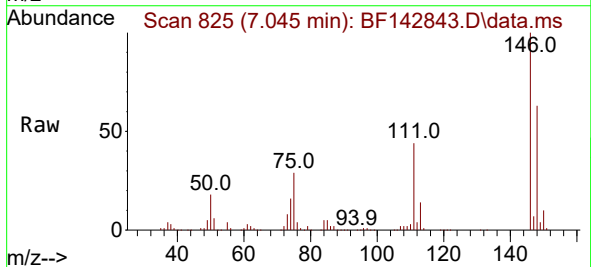
Tgt Ion:146 Resp: 244651

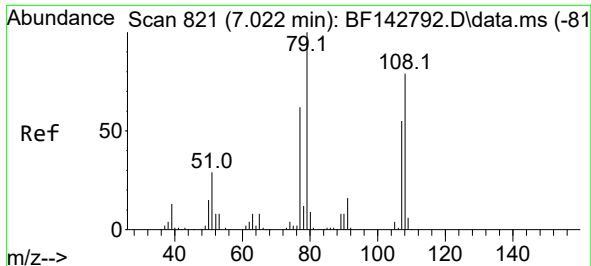
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 44.0 34.1 51.1

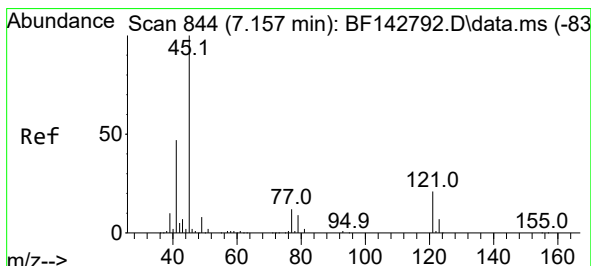
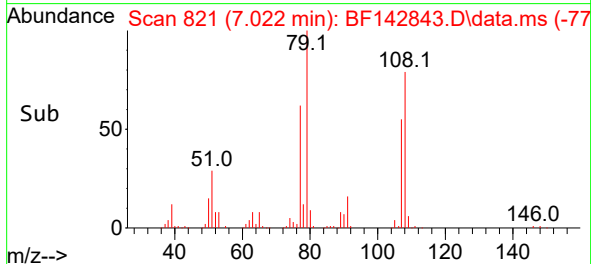
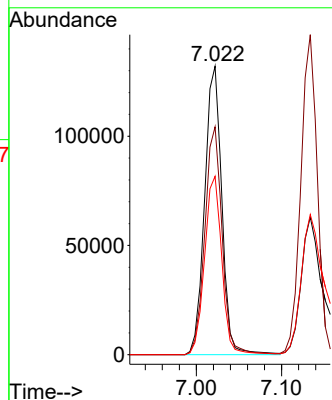
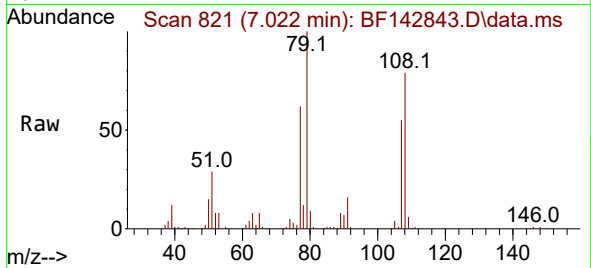




#15
Benzyl Alcohol
Concen: 40.809 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

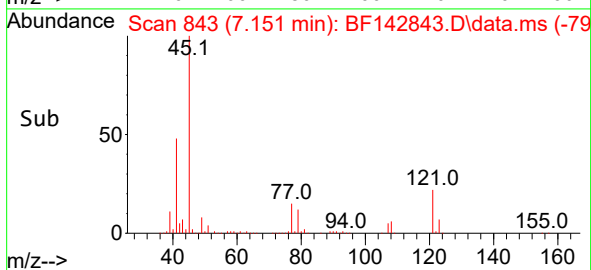
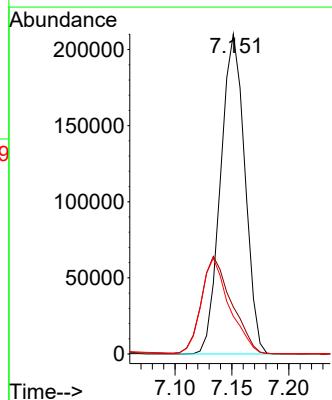
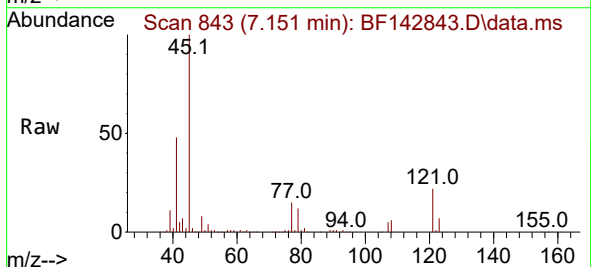
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

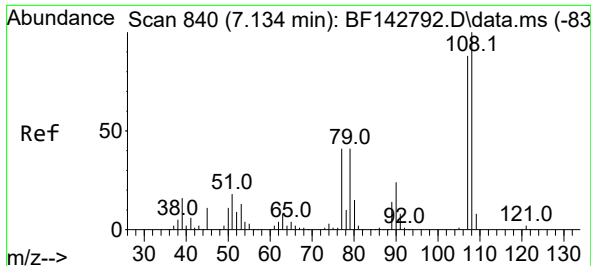
Tgt Ion: 79 Resp: 185058
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 61.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.934 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion: 45 Resp: 311726
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.8
79 11.8 0.0 29.8

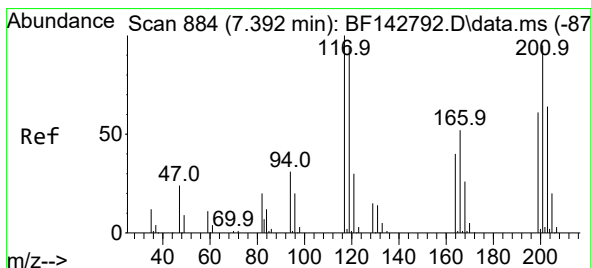
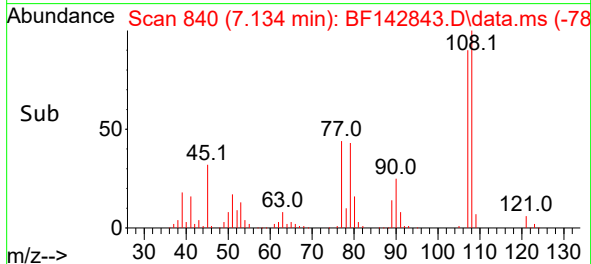
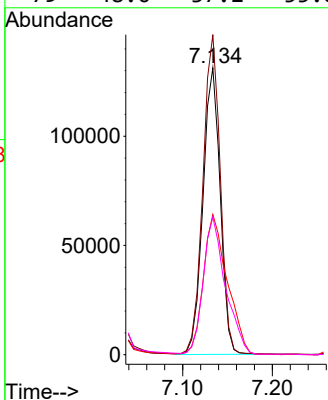
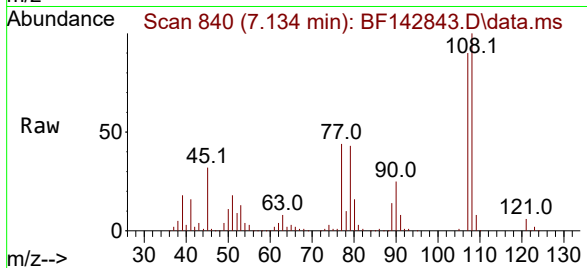




#17
2-Methylphenol
Concen: 40.263 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

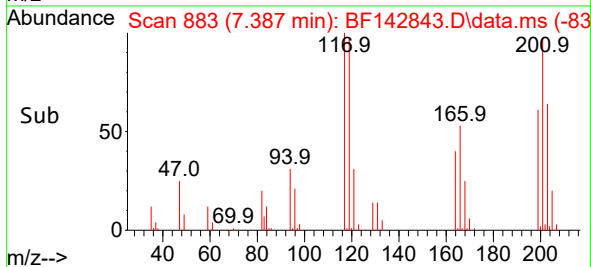
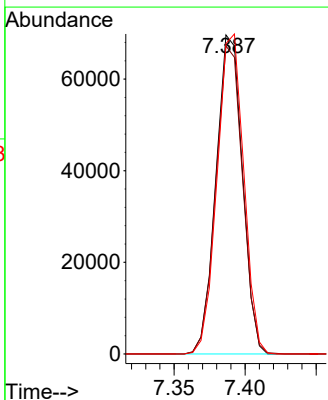
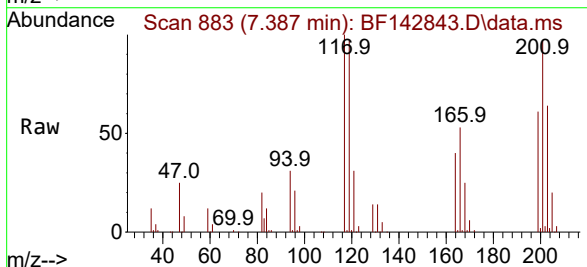
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

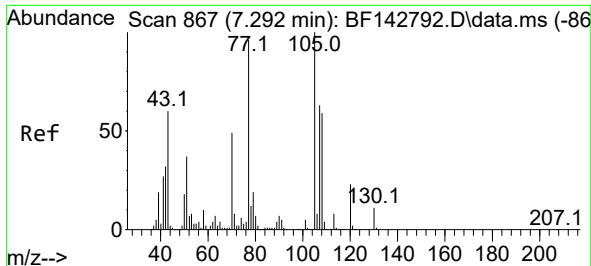
Tgt Ion:	107	Resp:	174992
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.9	136.3
77	48.8	37.3	55.9
79	48.0	37.2	55.8



#18
Hexachloroethane
Concen: 39.831 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:	117	Resp:	90157
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	97.3	75.9	113.9

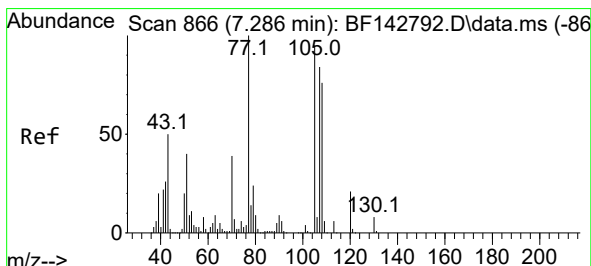
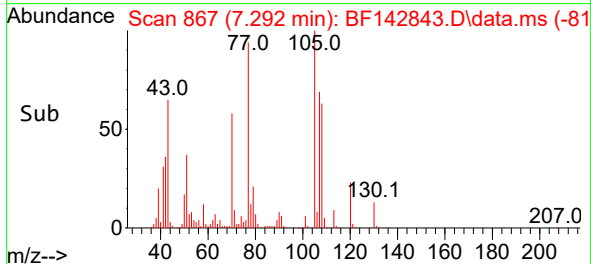
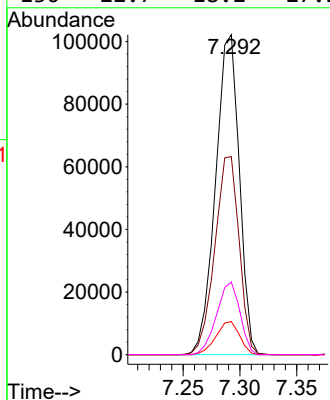
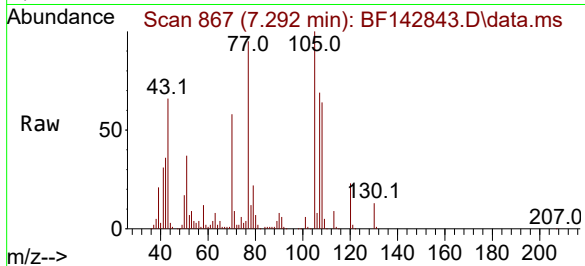




#19
n-Nitroso-di-n-propylamine
Concen: 40.832 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

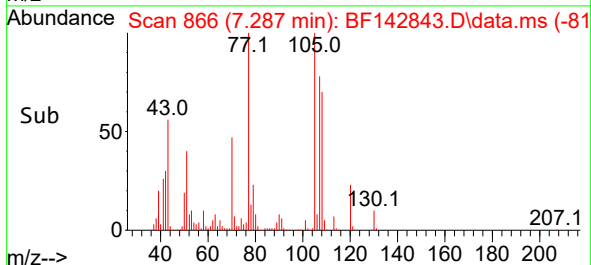
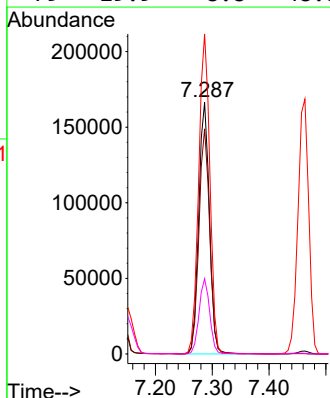
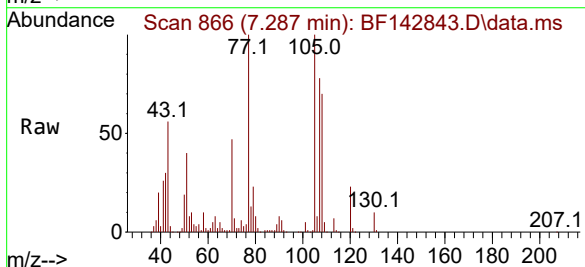
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

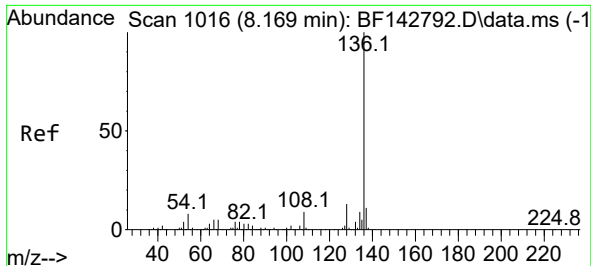
Tgt Ion: 70 Resp: 148962
Ion Ratio Lower Upper
70 100
42 61.9 52.1 78.1
101 10.4 8.2 12.2
130 22.7 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.459 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion: 107 Resp: 219249
Ion Ratio Lower Upper
107 100
108 89.5 70.0 110.0
77 127.2 98.5 138.5
79 29.9 8.8 48.8

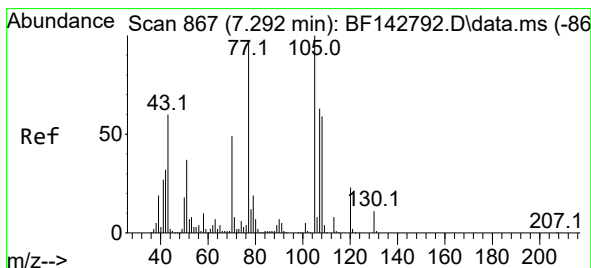
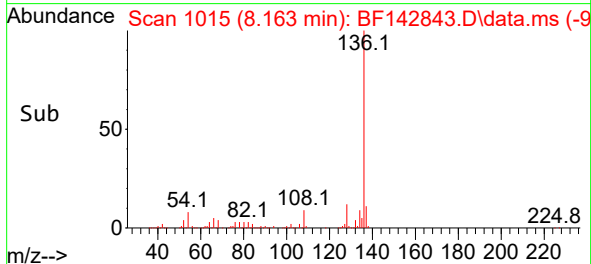
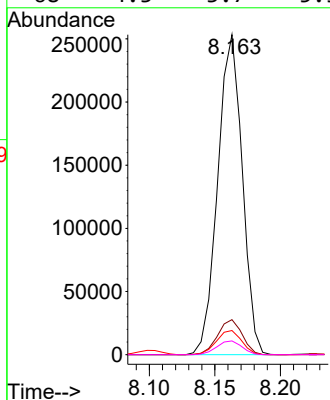
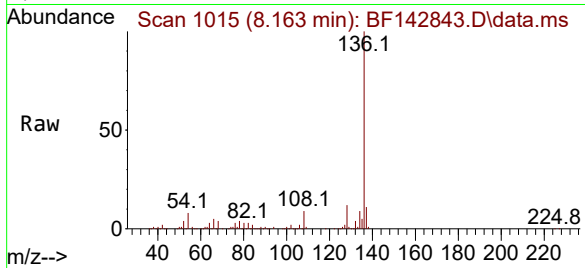




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

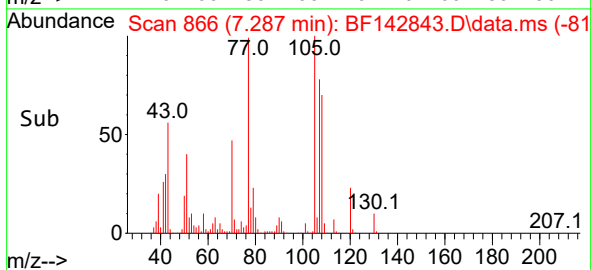
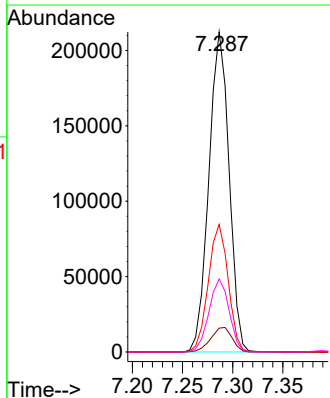
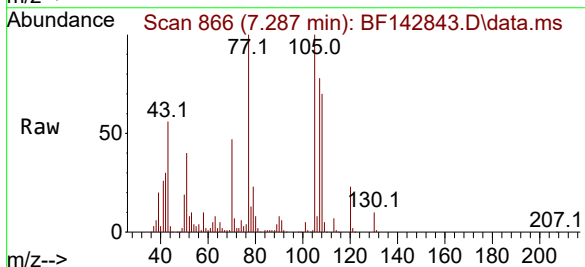
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

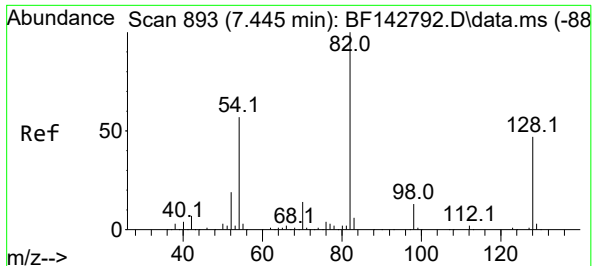
Tgt Ion:136 Resp: 329491
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.3 9.5
68 4.3 3.7 5.5



#22
Acetophenone
Concen: 40.971 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:105 Resp: 297693
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 39.8 29.8 44.8
120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 60.340 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

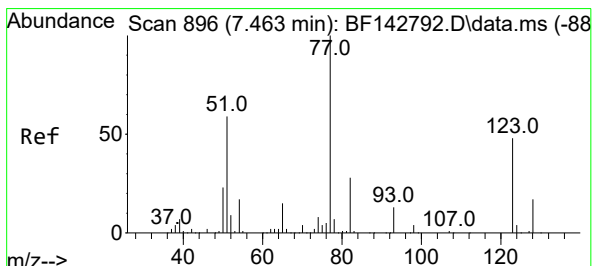
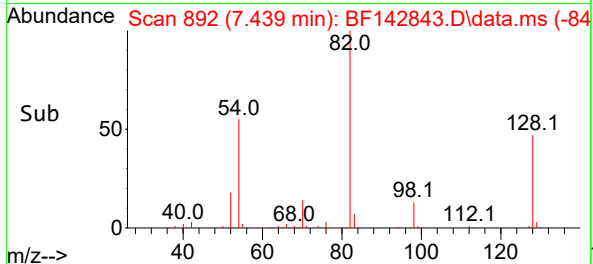
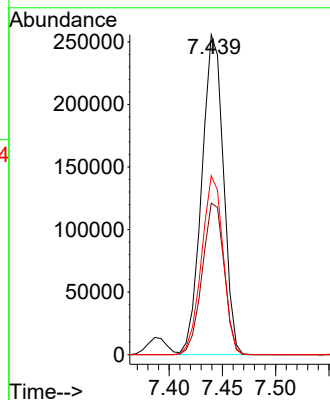
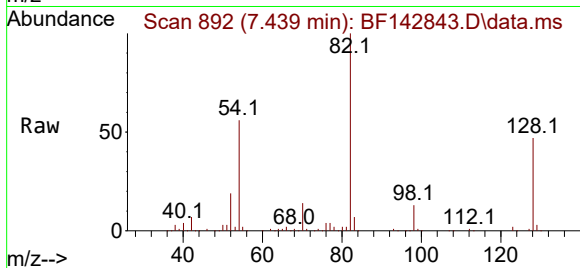
Tgt Ion: 82 Resp: 362464

Ion Ratio Lower Upper

82 100

128 47.3 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 40.844 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

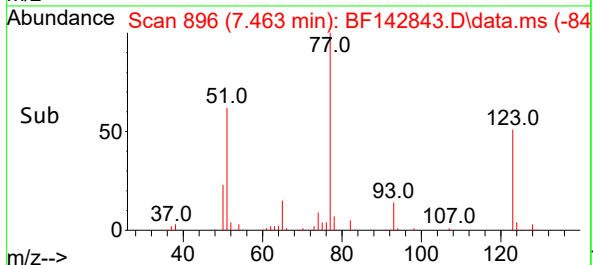
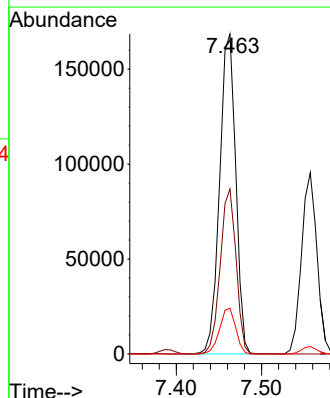
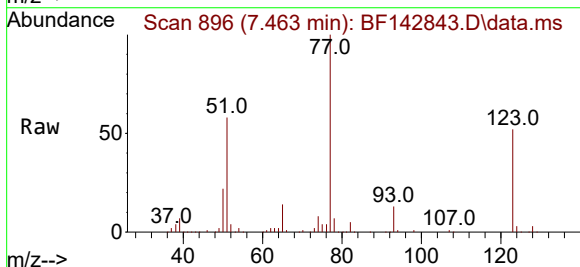
Tgt Ion: 77 Resp: 222065

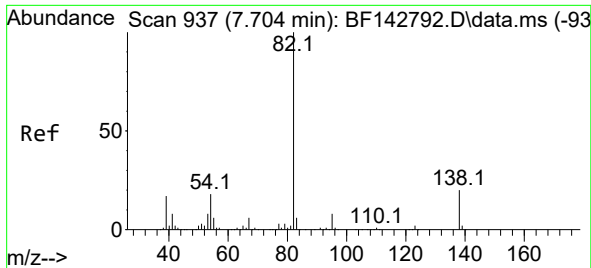
Ion Ratio Lower Upper

77 100

123 51.5 39.2 58.8

65 14.3 11.6 17.4

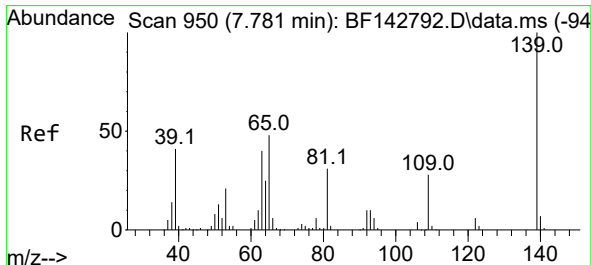
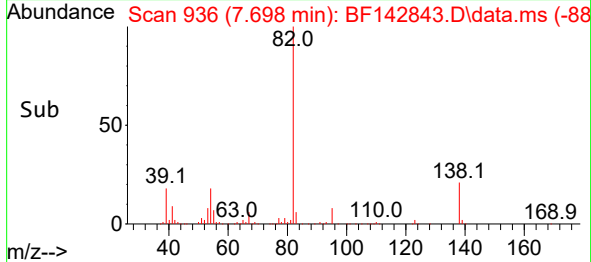
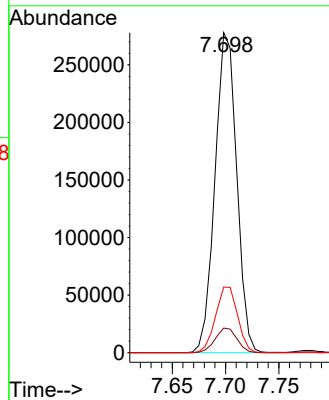
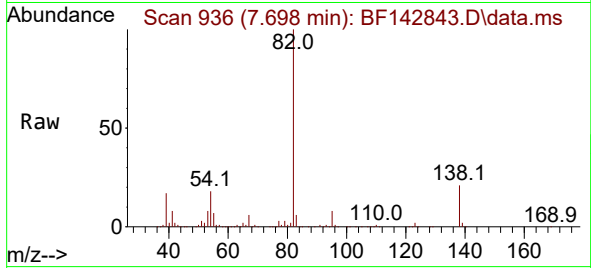




#25
Isophorone
Concen: 40.796 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

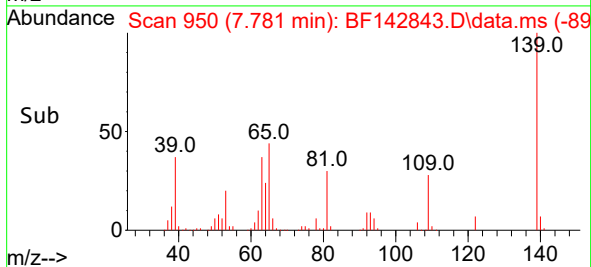
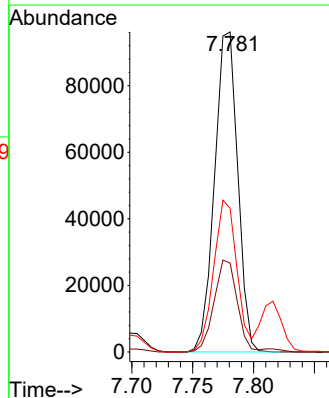
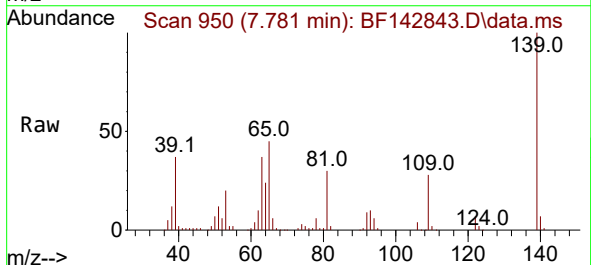
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

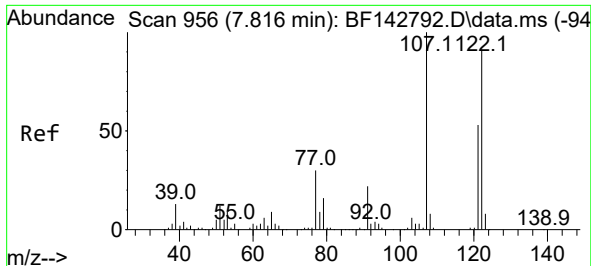
Tgt Ion: 82 Resp: 393119
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4



#26
2-Nitrophenol
Concen: 42.914 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:139 Resp: 127098
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 44.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.334 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

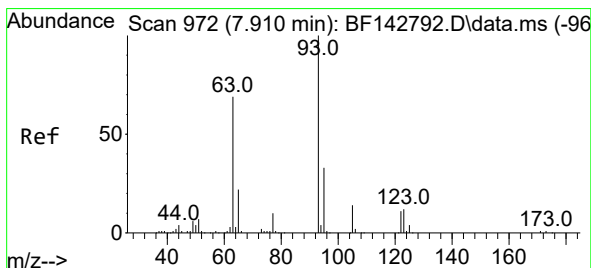
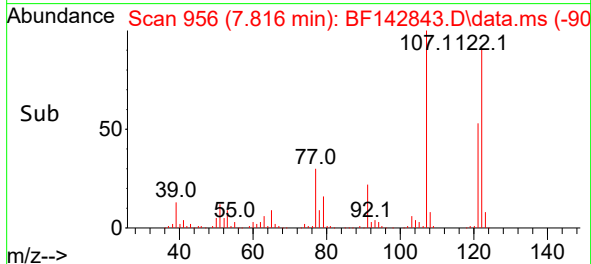
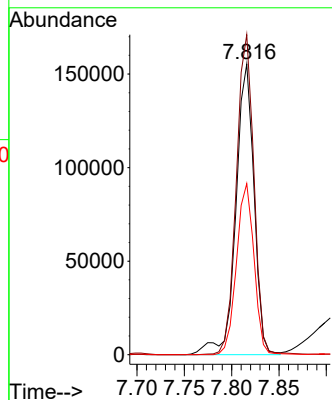
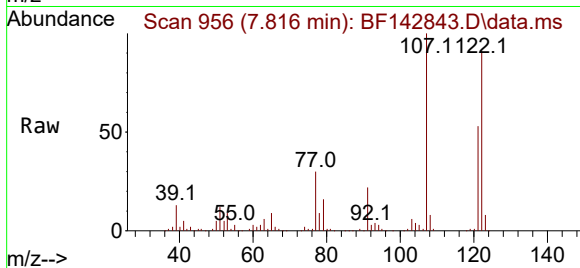
Tgt Ion:122 Resp: 206921

Ion Ratio Lower Upper

122 100

107 110.1 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.200 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

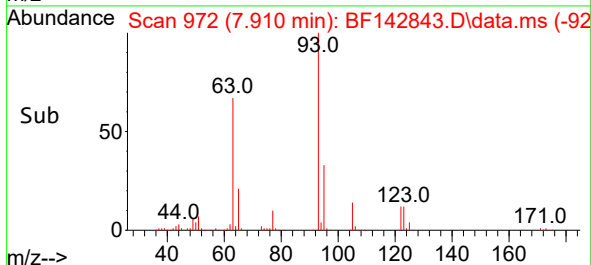
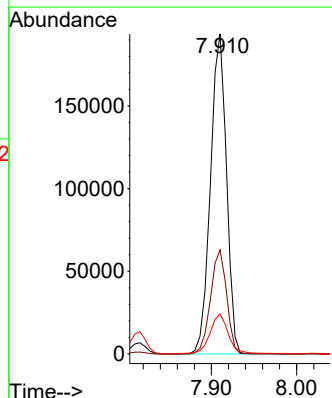
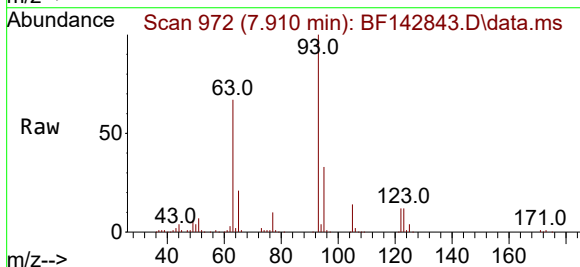
Tgt Ion: 93 Resp: 252403

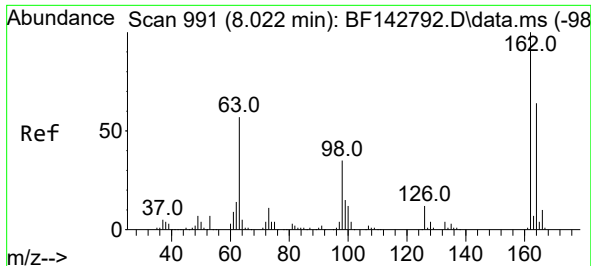
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.876 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

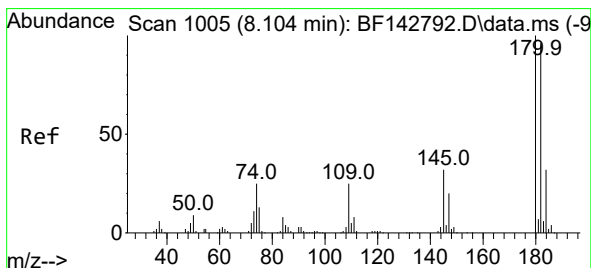
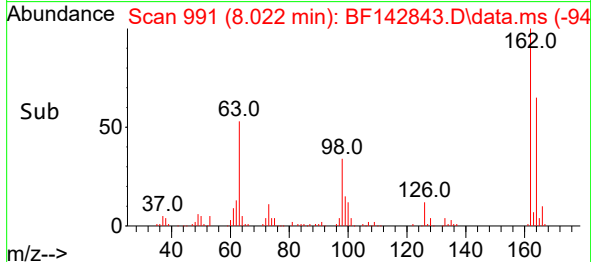
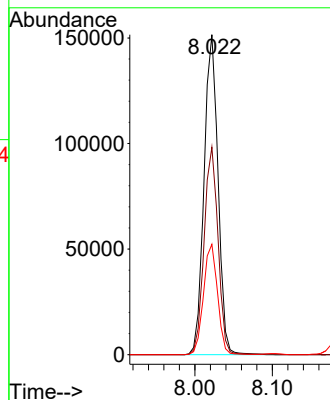
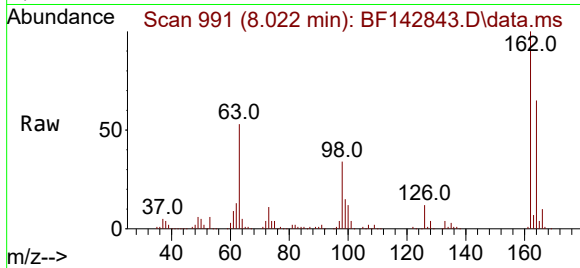
Tgt Ion:162 Resp: 190142

Ion Ratio Lower Upper

162 100

164 64.9 44.0 84.0

98 34.5 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 40.798 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

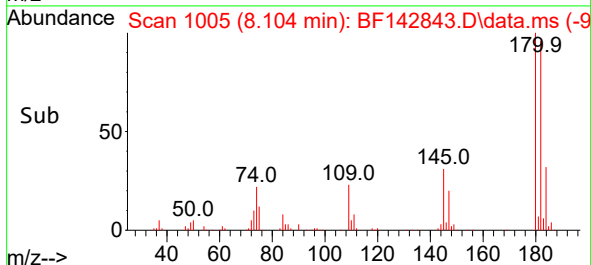
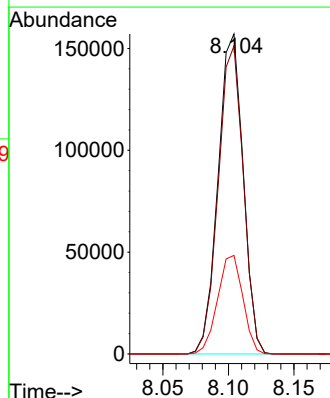
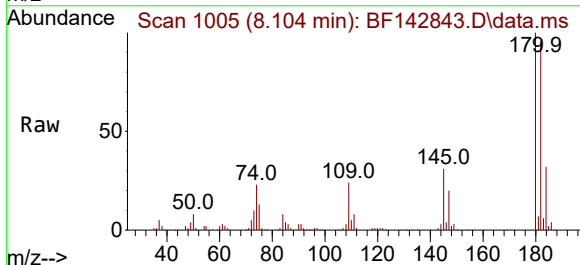
Tgt Ion:180 Resp: 208686

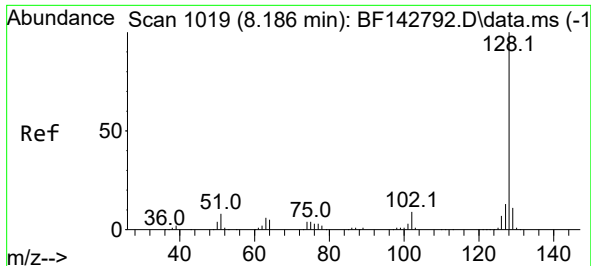
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 30.8 25.8 38.8

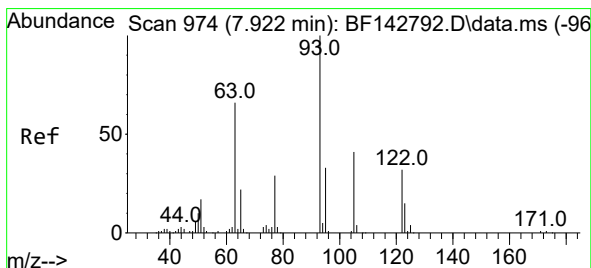
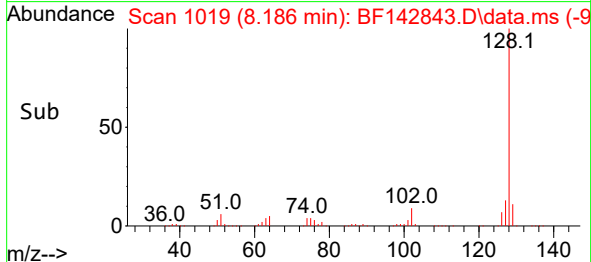
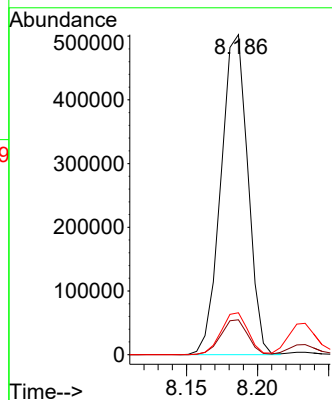
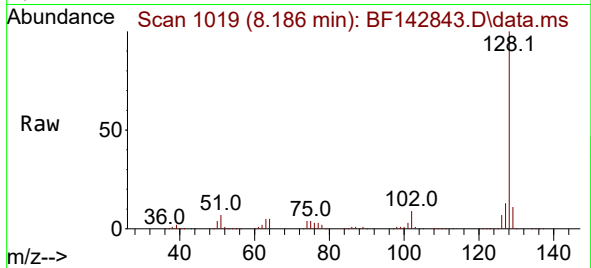




#31
Naphthalene
Concen: 41.061 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

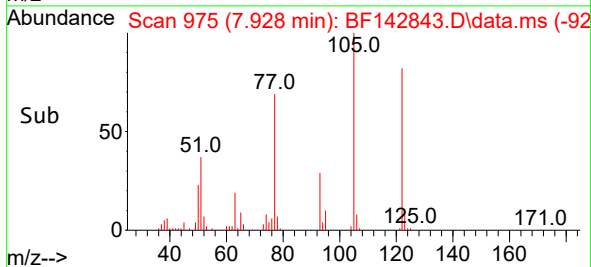
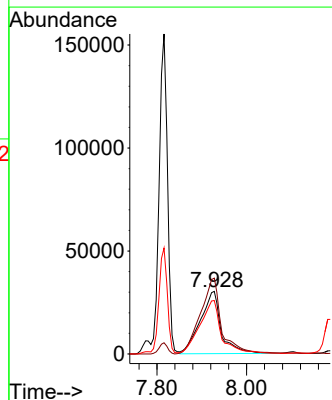
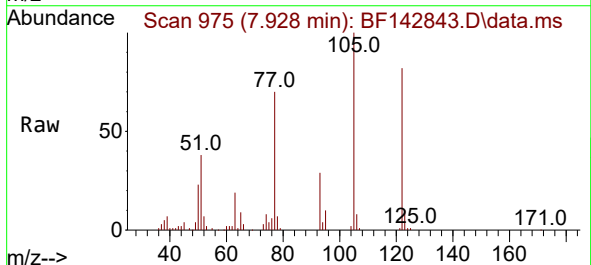
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

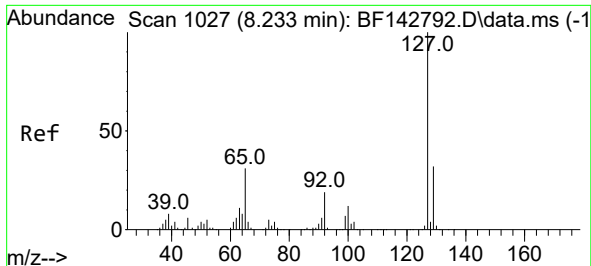
Tgt Ion:128 Resp: 662234
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 37.448 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:122 Resp: 97920
Ion Ratio Lower Upper
122 100
105 121.3 104.7 144.7
77 85.5 70.2 110.2

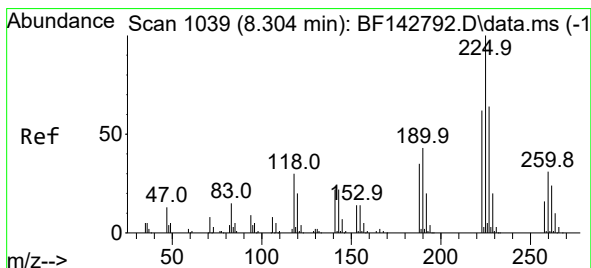
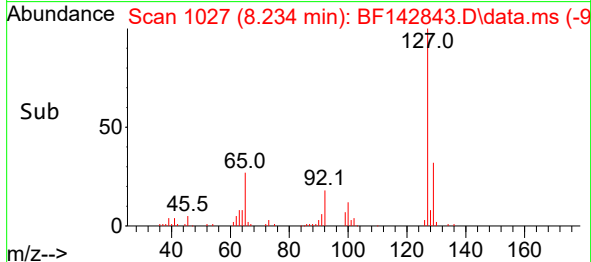
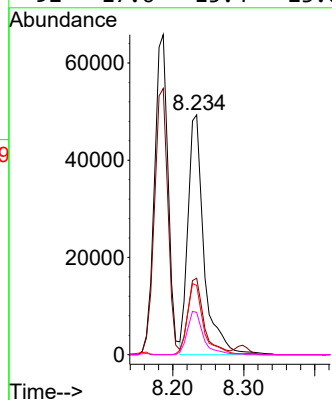
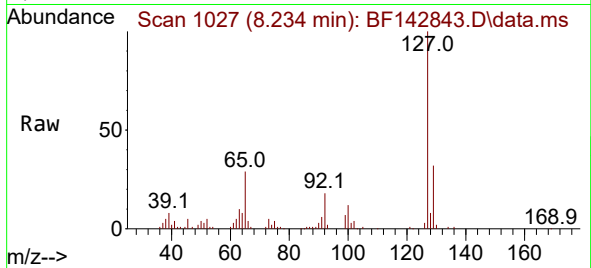




#33
4-Chloroaniline
Concen: 11.813 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

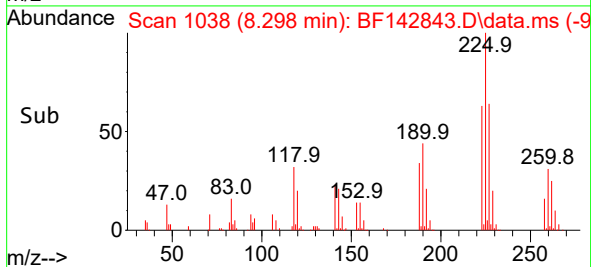
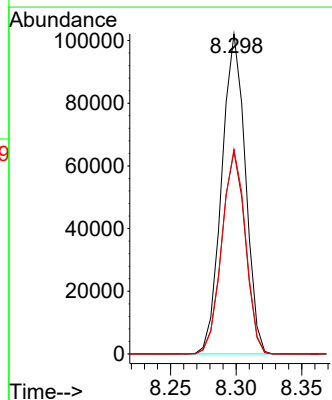
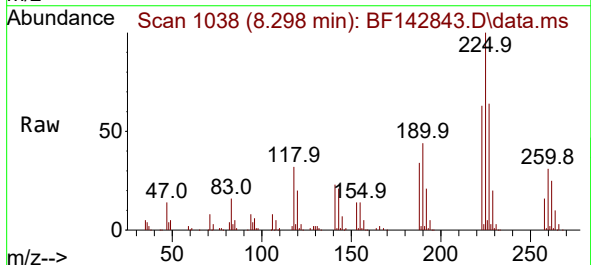
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

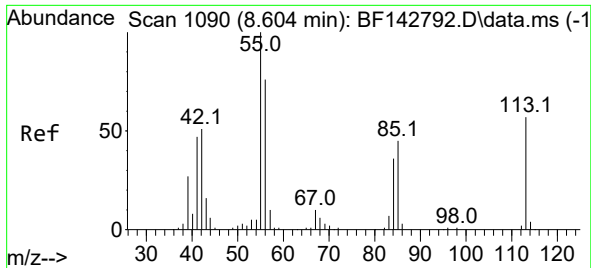
Tgt Ion:	127	Resp:	77471
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.9	24.6	36.8
92	17.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.832 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:	225	Resp:	127754
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	64.0	51.4	77.0

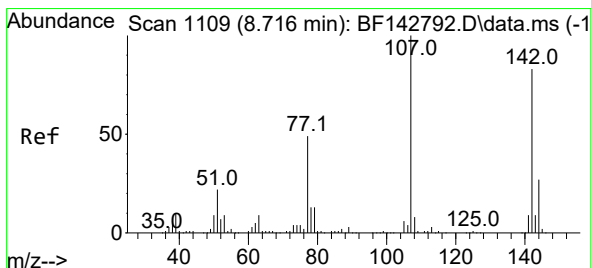
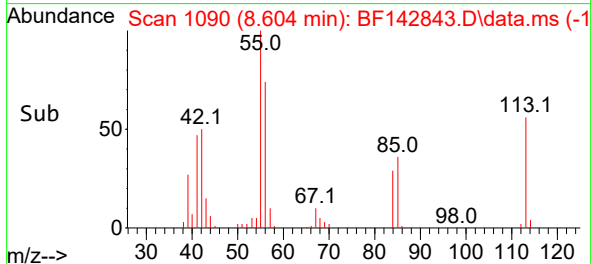
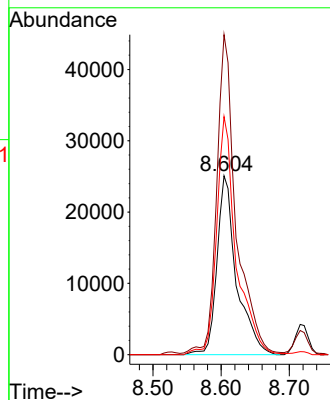
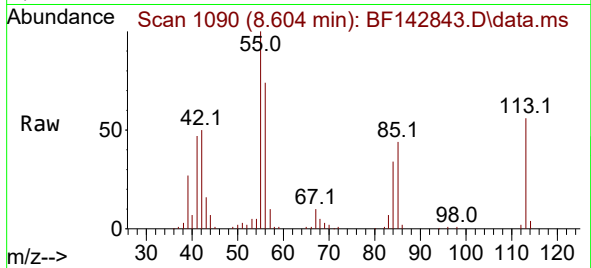




#35
 Caprolactam
 Concen: 40.824 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

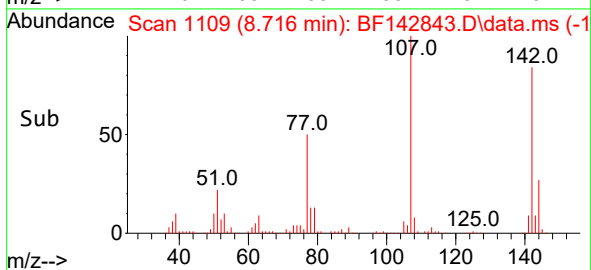
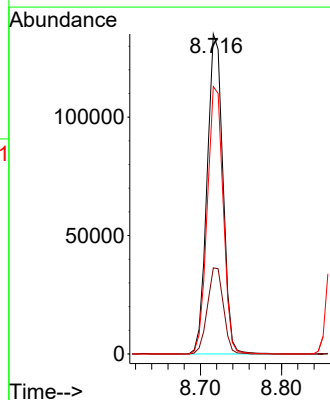
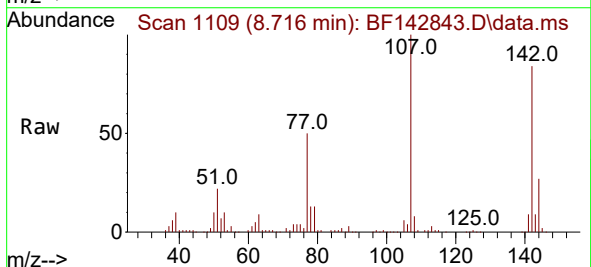
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMS

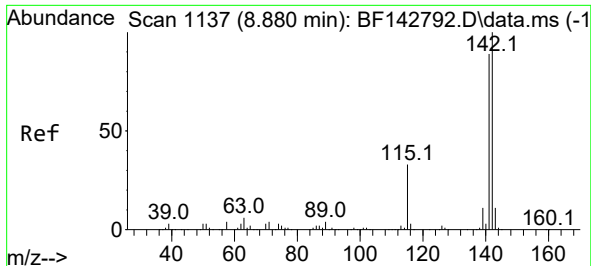
Tgt Ion:113 Resp: 50110
 Ion Ratio Lower Upper
 113 100
 55 178.9 154.4 194.4
 56 133.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.448 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

Tgt Ion:107 Resp: 182369
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 83.5 66.6 100.0

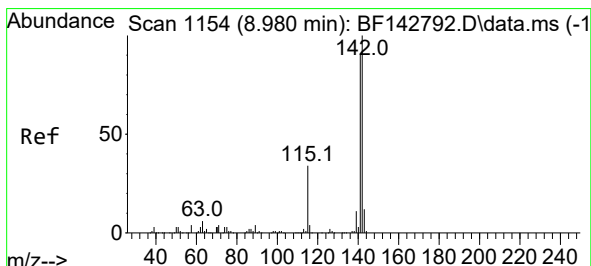
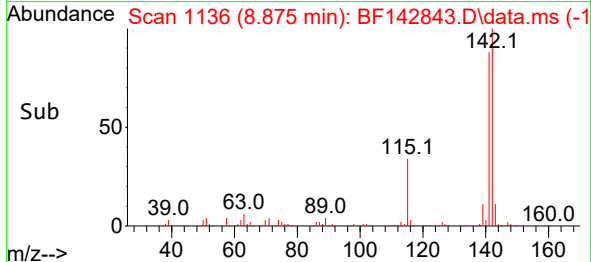
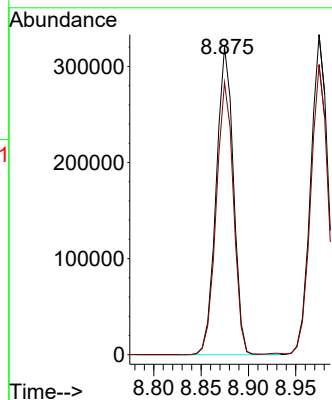
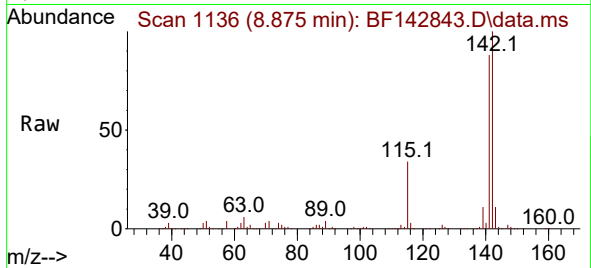




#37
2-Methylnaphthalene
Concen: 40.492 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

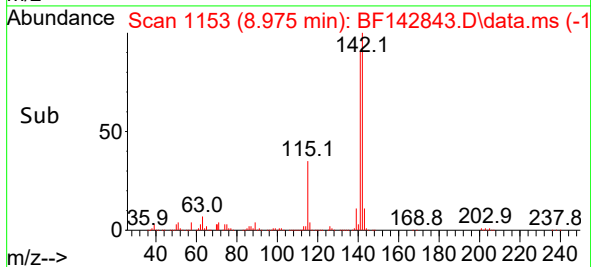
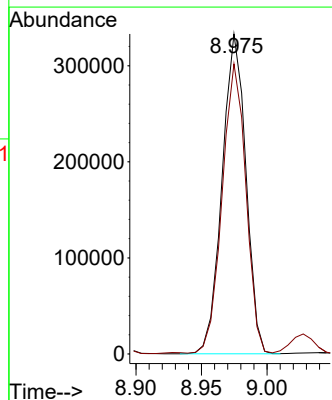
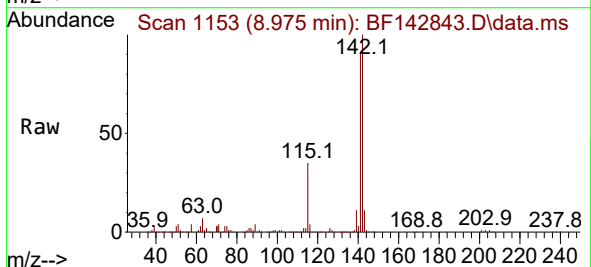
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

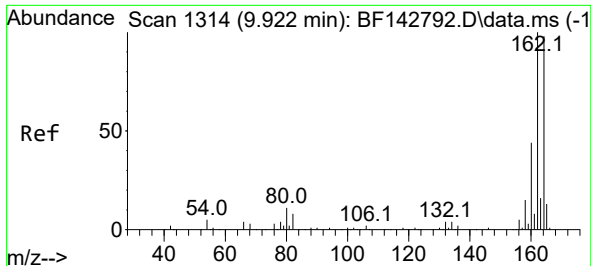
Tgt Ion:142 Resp: 404875
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#38
1-Methylnaphthalene
Concen: 40.502 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:142 Resp: 419225
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4

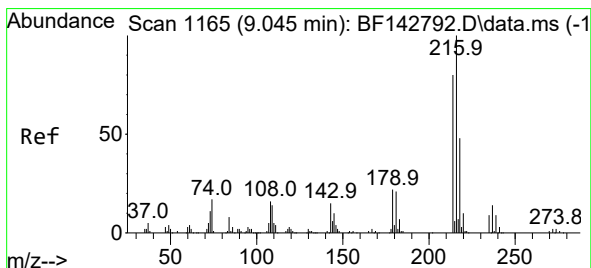
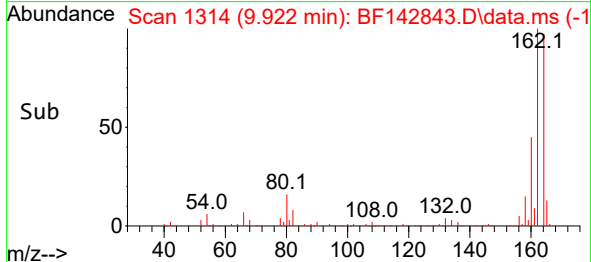
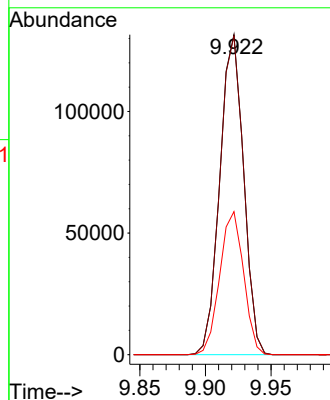
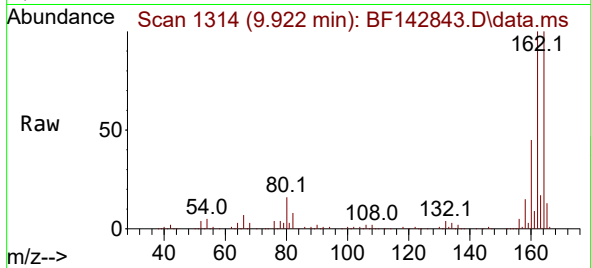




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

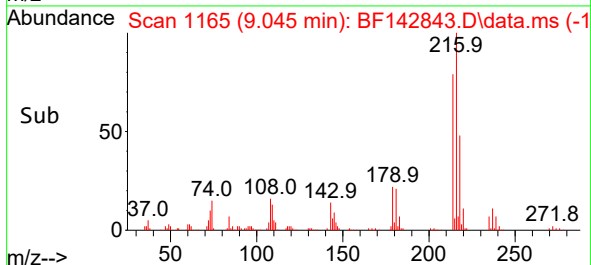
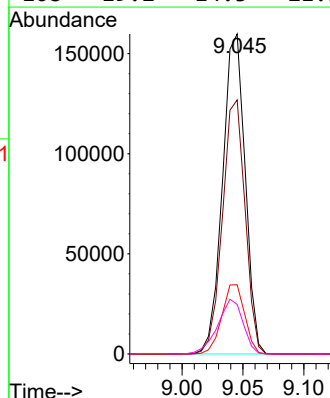
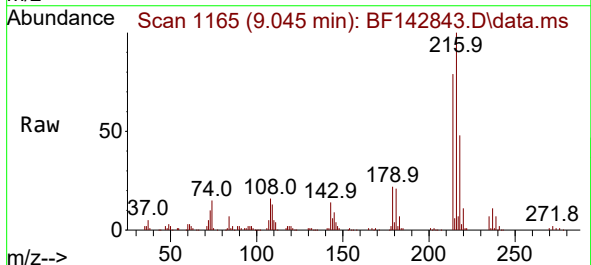
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

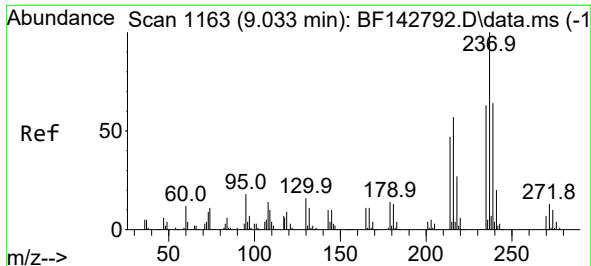
Tgt Ion:164 Resp: 165682
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.8
160 44.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.213 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:216 Resp: 206370
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 22.0 17.6 26.4
108 19.2 14.3 21.5

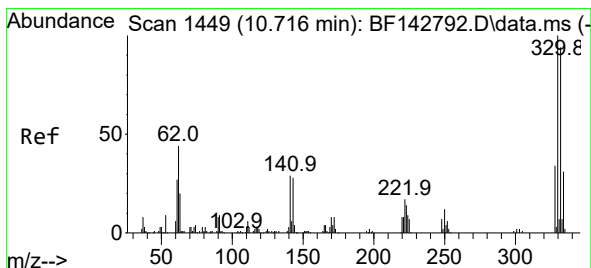
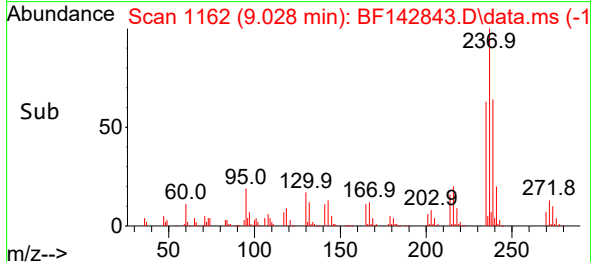
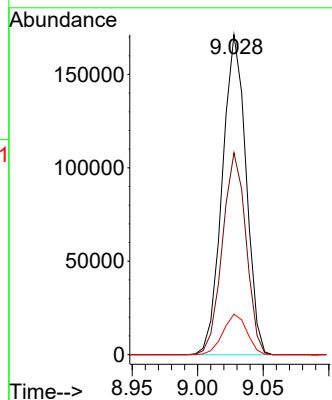
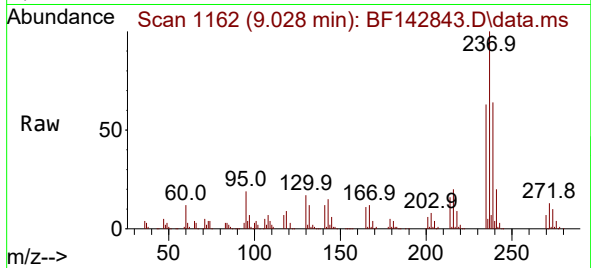




#41
Hexachlorocyclopentadiene
Concen: 77.502 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

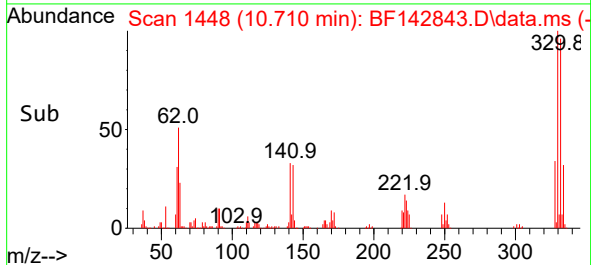
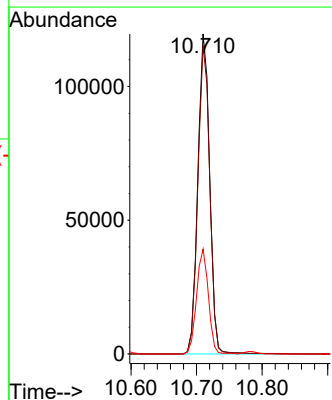
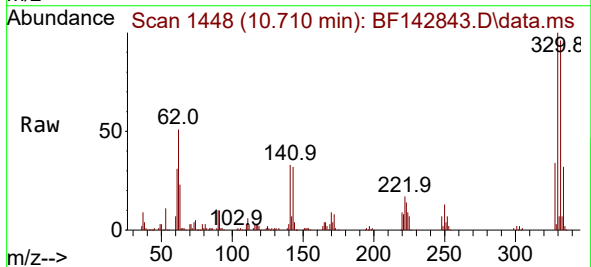
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

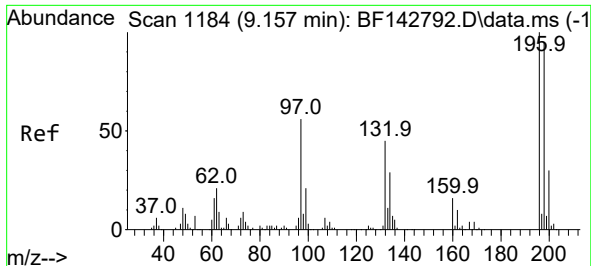
Tgt Ion:237 Resp: 215010
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 88.420 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

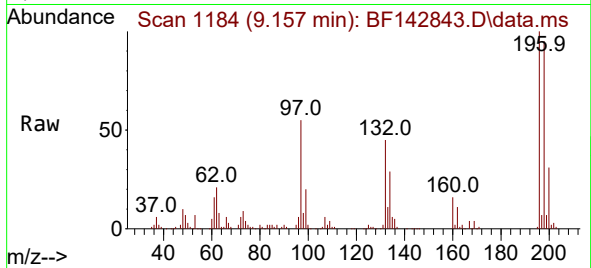
Tgt Ion:330 Resp: 150754
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 32.6 25.3 37.9



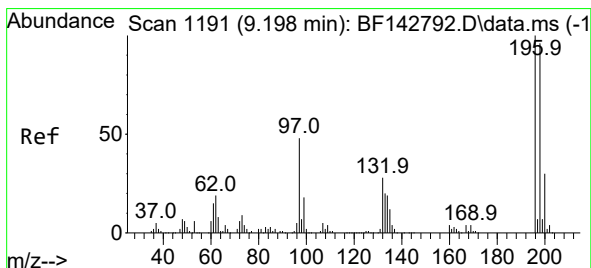
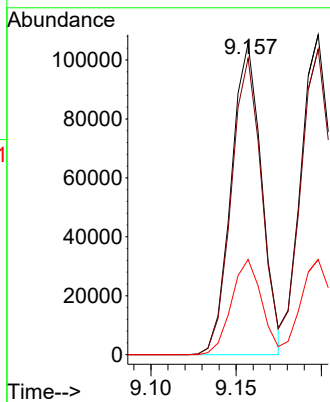
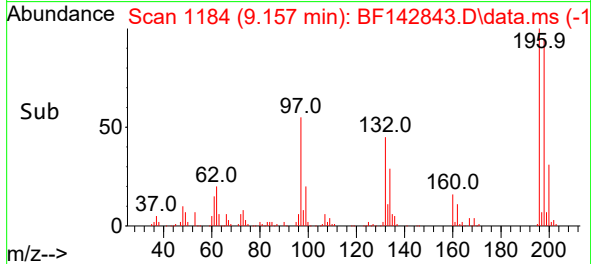


#43
2,4,6-Trichlorophenol
Concen: 41.152 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

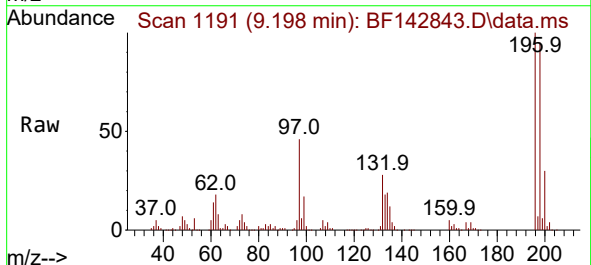
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS



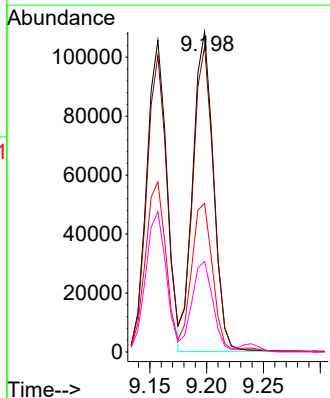
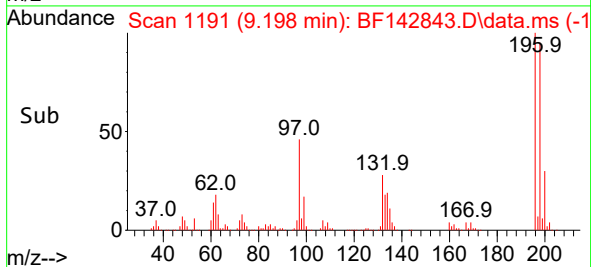
Tgt Ion:196 Resp: 131094
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 30.6 24.1 36.1

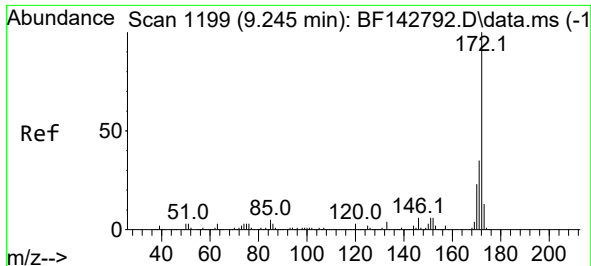


#44
2,4,5-Trichlorophenol
Concen: 40.558 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04



Tgt Ion:196 Resp: 136008
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
97 46.4 38.2 57.2
132 28.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 58.856 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

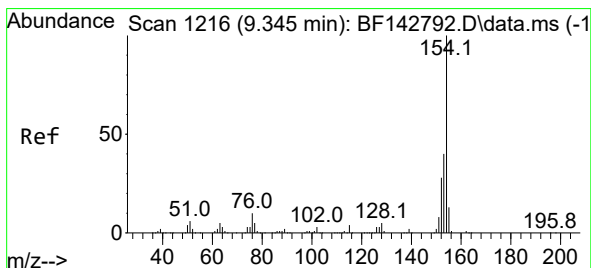
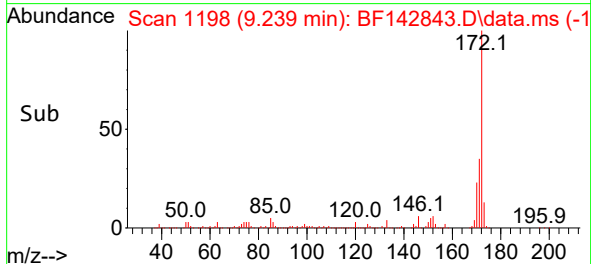
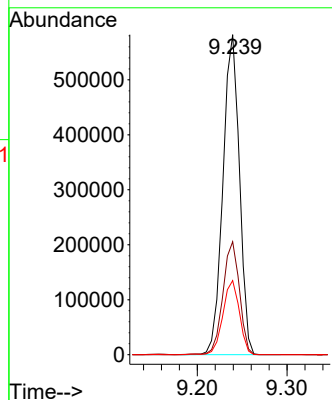
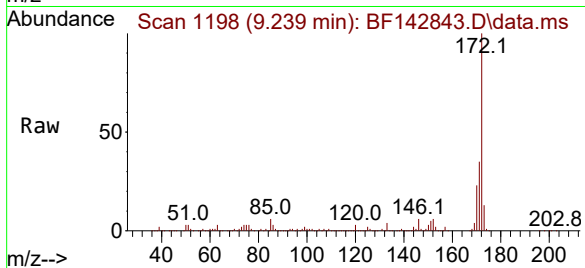
Tgt Ion:172 Resp: 742296

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.2 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.813 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

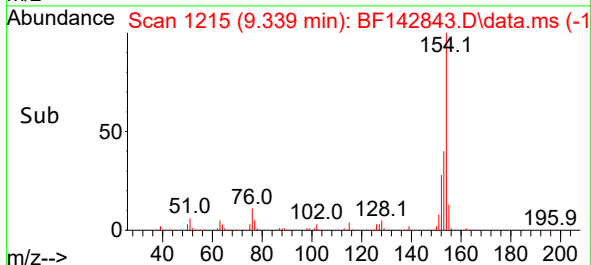
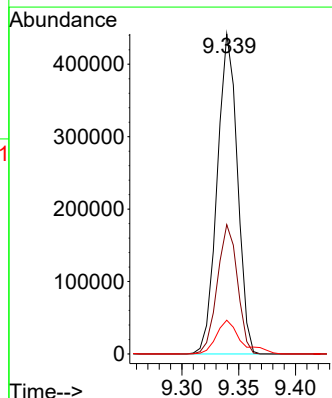
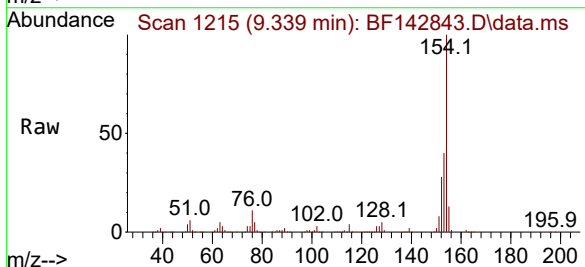
Tgt Ion:154 Resp: 547245

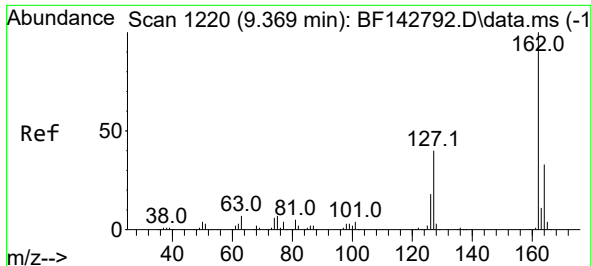
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.306 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

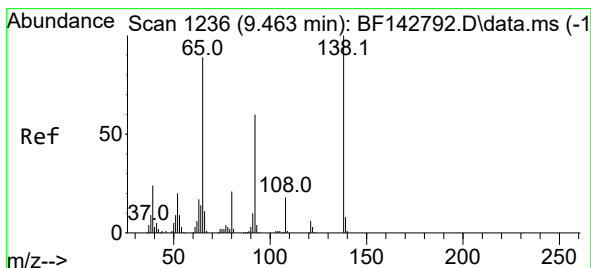
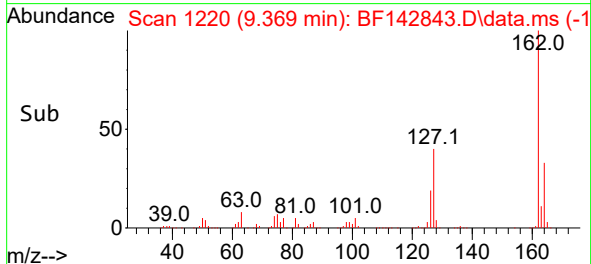
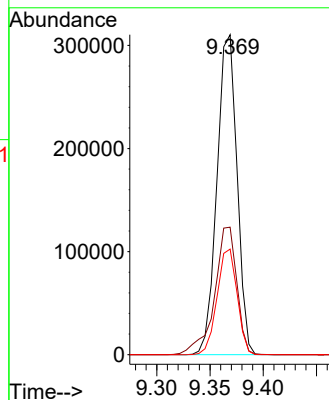
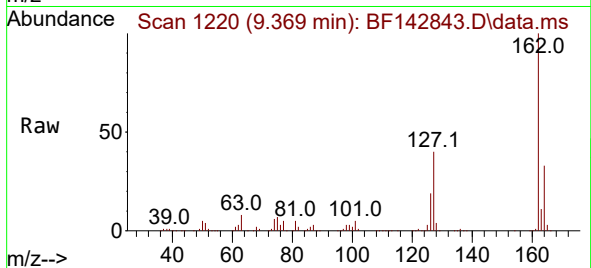
Tgt Ion:162 Resp: 405690

Ion Ratio Lower Upper

162 100

127 39.8 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 39.762 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

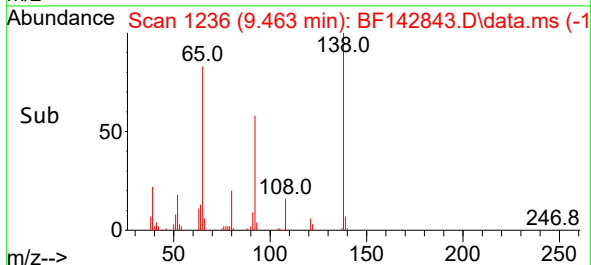
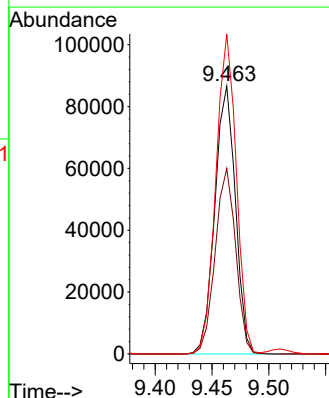
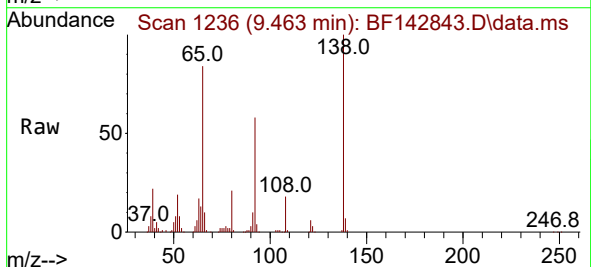
Tgt Ion: 65 Resp: 109486

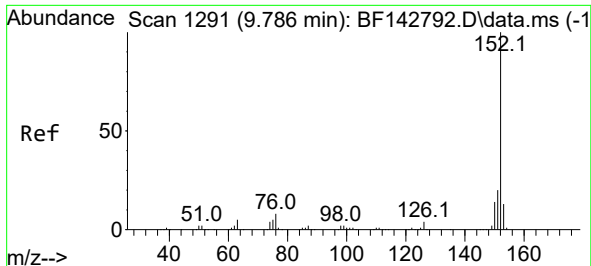
Ion Ratio Lower Upper

65 100

92 69.2 53.8 80.6

138 119.4 89.6 134.4

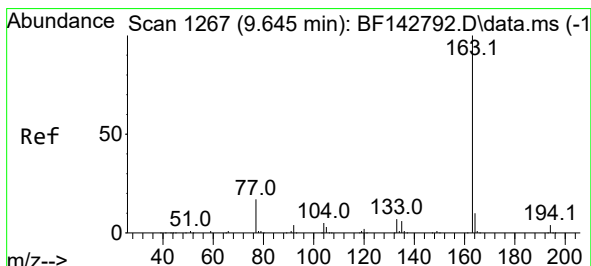
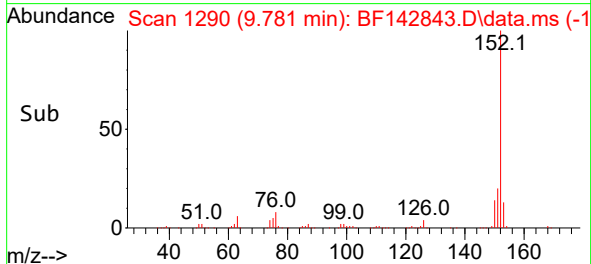
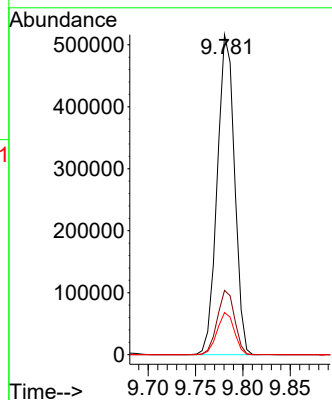
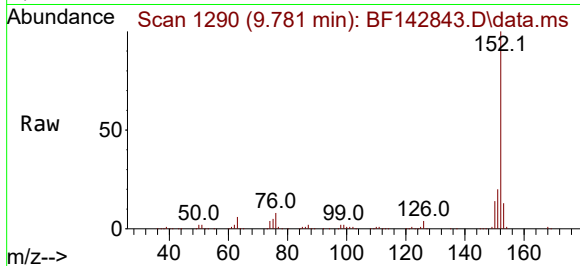




#49
Acenaphthylene
Concen: 40.601 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

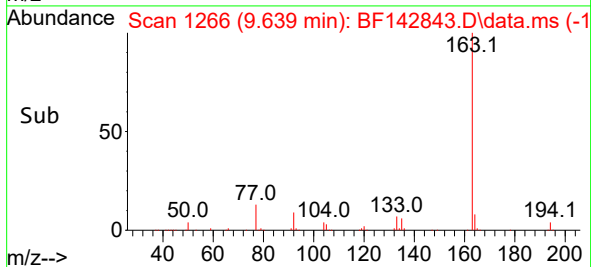
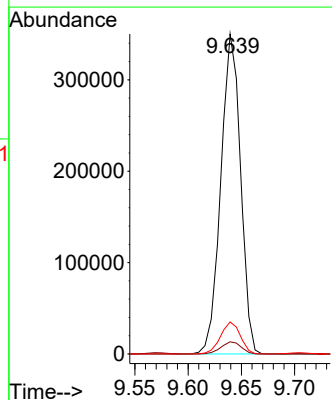
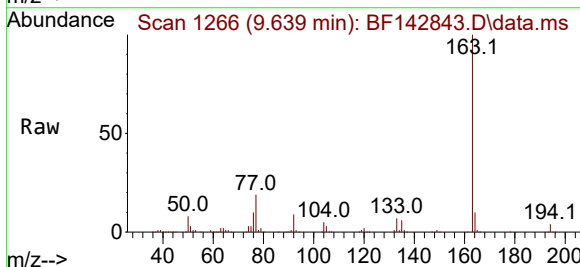
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

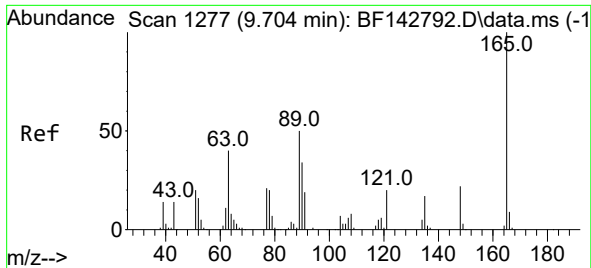
Tgt Ion:152 Resp: 656449
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 42.027 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:163 Resp: 450728
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.0 12.0

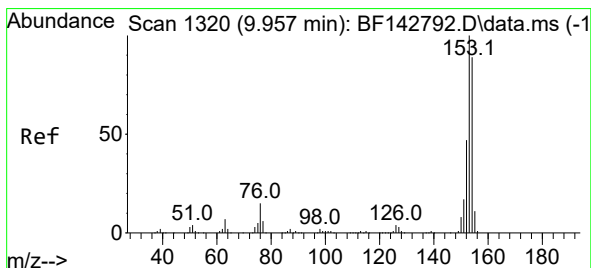
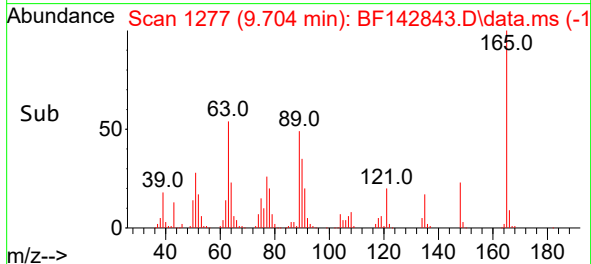
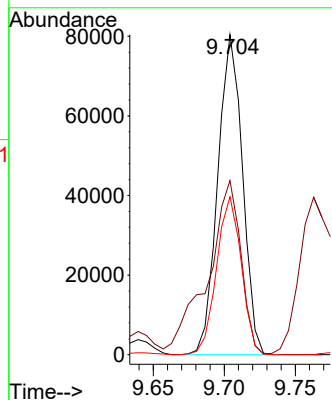
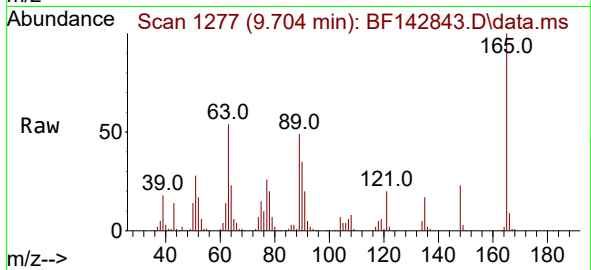




#51
2,6-Dinitrotoluene
Concen: 41.281 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

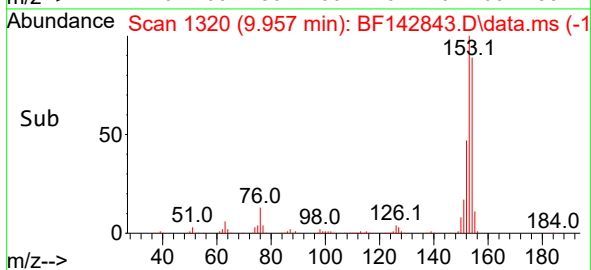
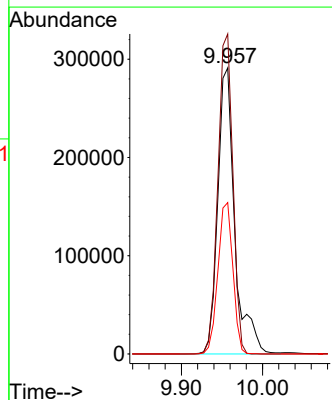
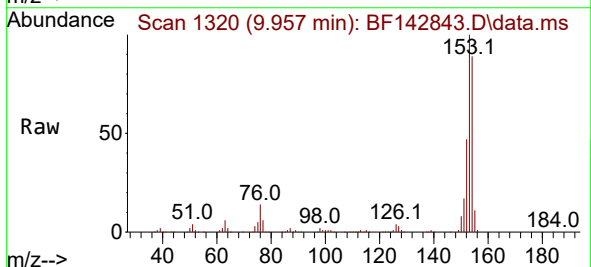
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

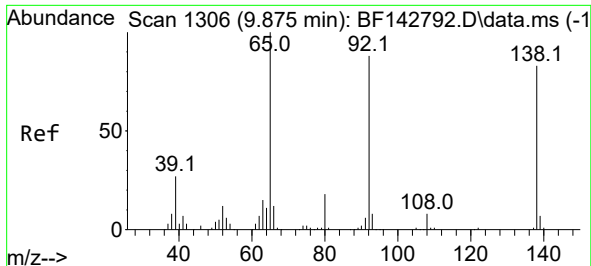
Tgt Ion:165 Resp: 97227
Ion Ratio Lower Upper
165 100
63 54.4 44.2 66.4
89 49.4 39.8 59.8



#52
Acenaphthene
Concen: 43.038 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:154 Resp: 424561
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.9 41.9 62.9

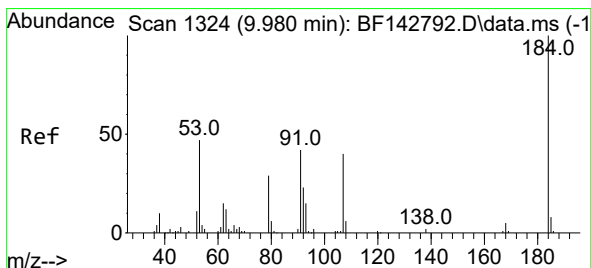
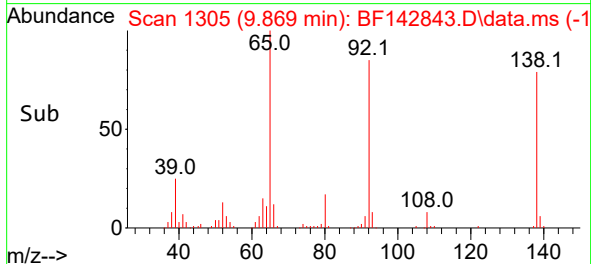
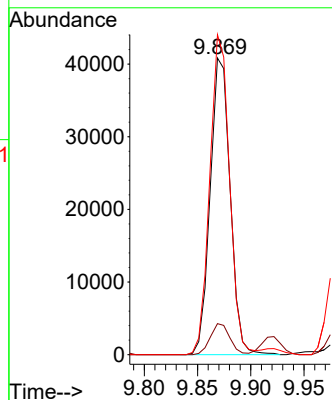
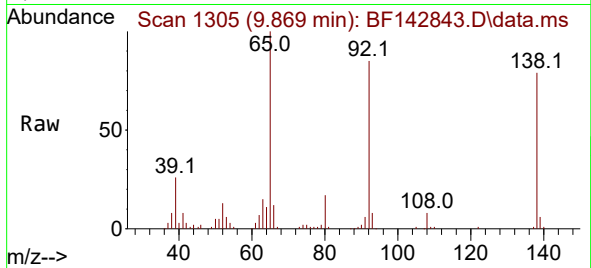




#53
3-Nitroaniline
Concen: 20.550 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

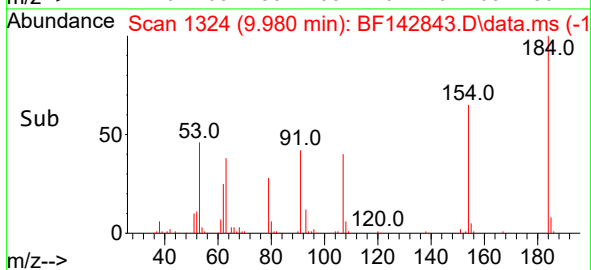
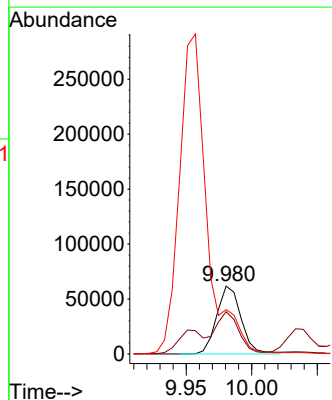
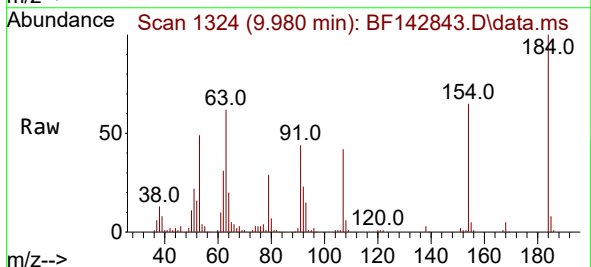
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

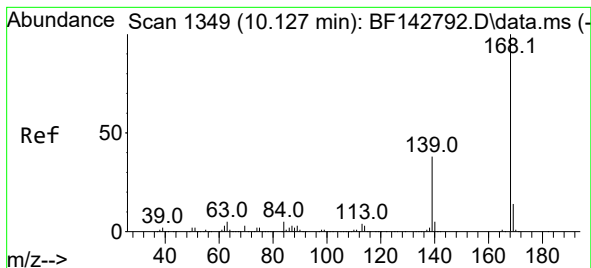
Tgt Ion:138 Resp: 53290
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 107.9 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 67.877 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:184 Resp: 80048
Ion Ratio Lower Upper
184 100
63 62.3 50.6 75.8
154 65.3 51.8 77.8





#55

Dibenzenofuran

Concen: 39.809 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

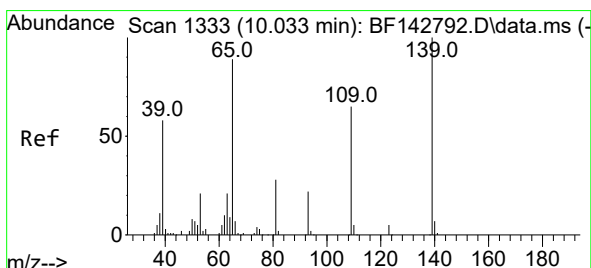
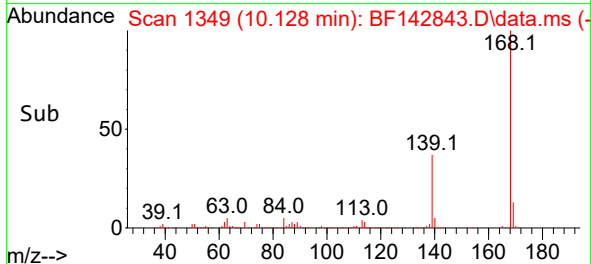
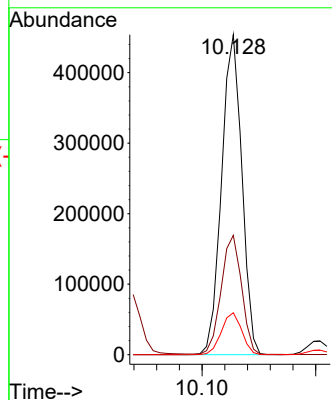
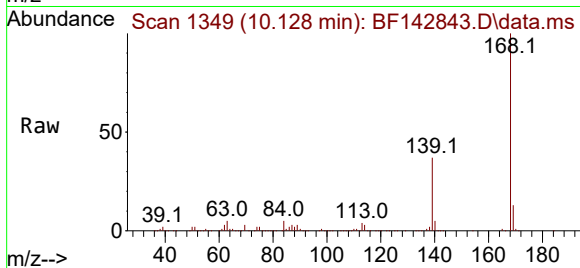
Tgt Ion:168 Resp: 563126

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 64.891 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

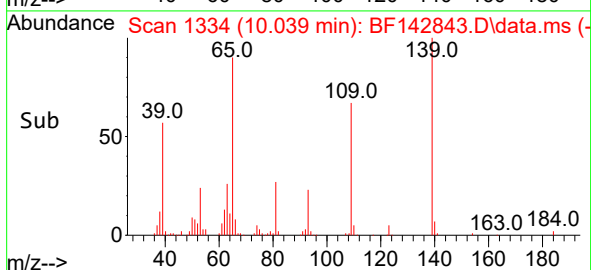
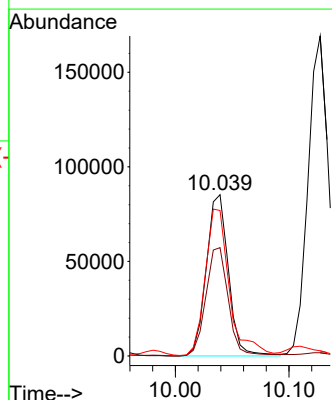
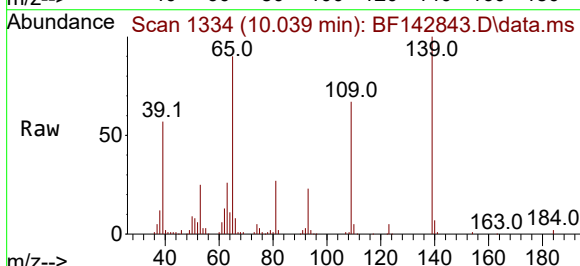
Tgt Ion:139 Resp: 115198

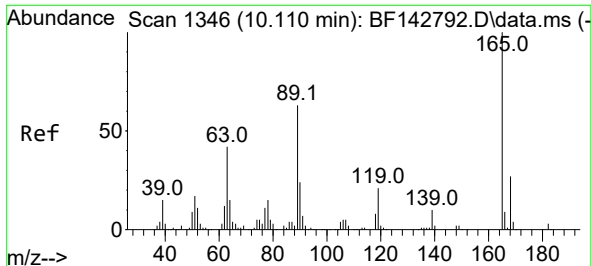
Ion Ratio Lower Upper

139 100

109 67.2 44.7 84.7

65 90.2 69.8 109.8

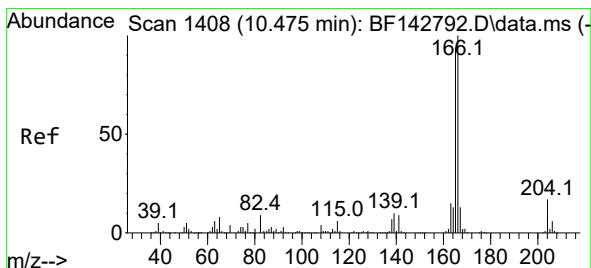
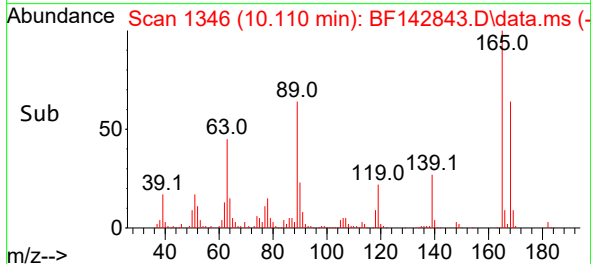
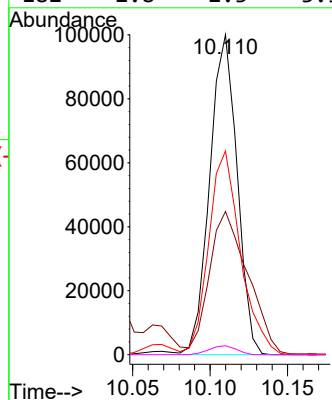
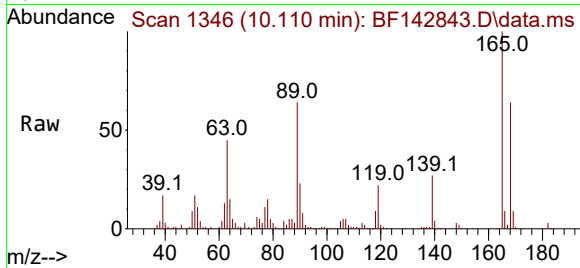




#57
2,4-Dinitrotoluene
Concen: 39.258 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

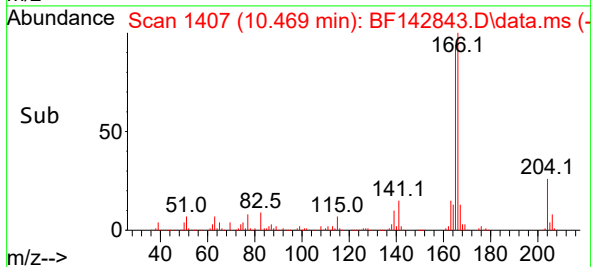
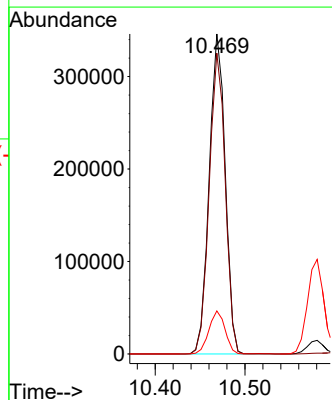
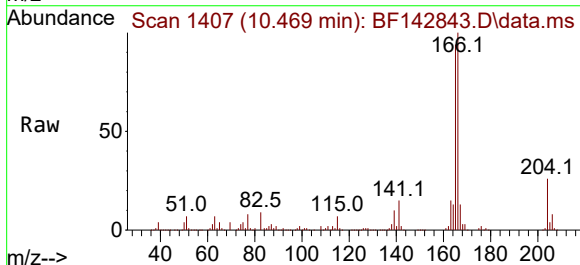
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

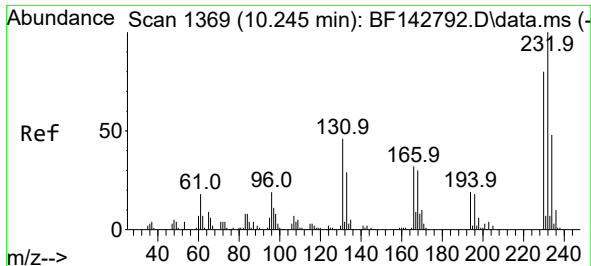
Tgt Ion:165 Resp: 122816
Ion Ratio Lower Upper
165 100
63 44.8 33.9 50.9
89 63.7 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 38.858 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:166 Resp: 429288
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.5 10.6 15.8

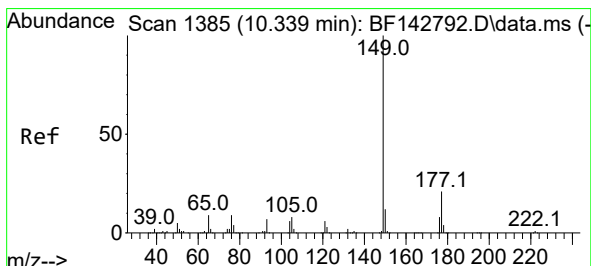
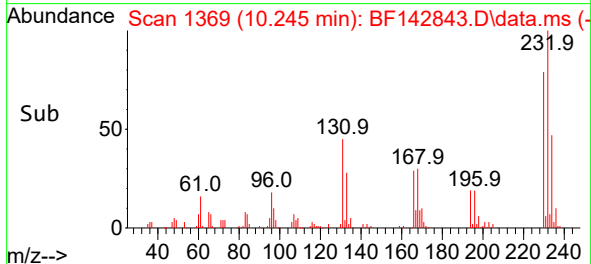
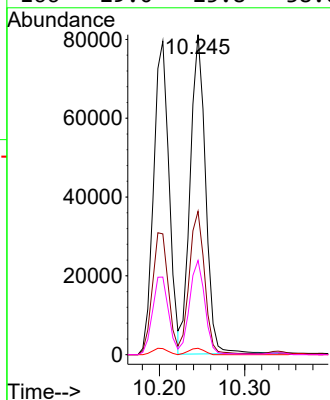
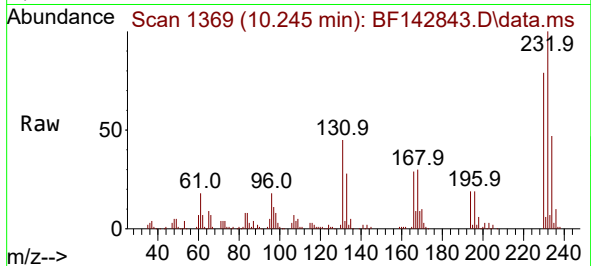




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.490 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

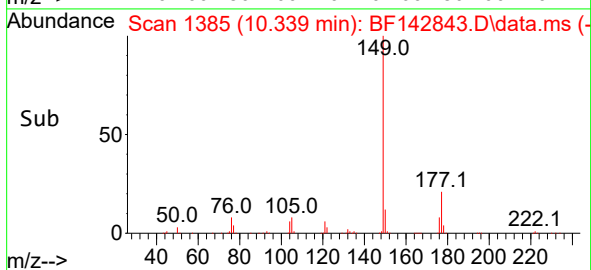
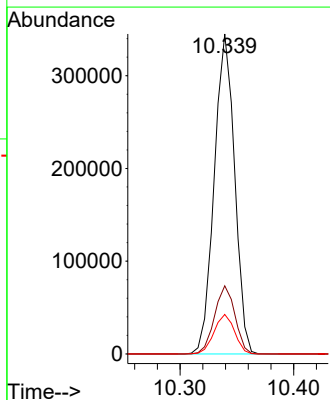
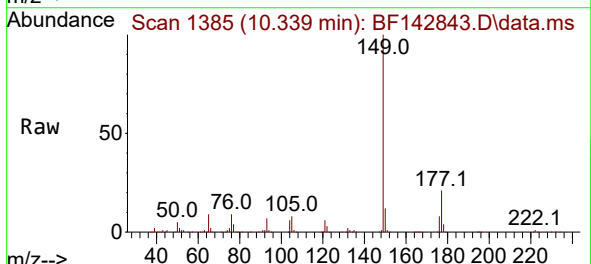
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

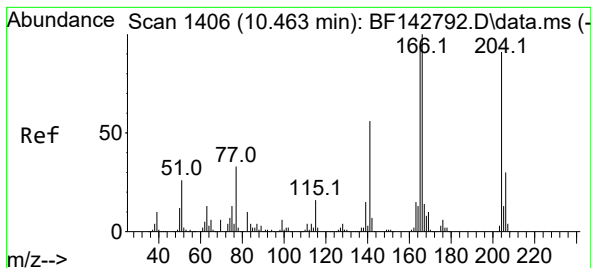
Tgt Ion:232 Resp: 101337
Ion Ratio Lower Upper
232 100
131 45.6 37.6 56.4
130 2.1 1.7 2.5
166 29.0 25.8 38.6



#60
Diethylphthalate
Concen: 40.925 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:149 Resp: 430342
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.4 9.8 14.6

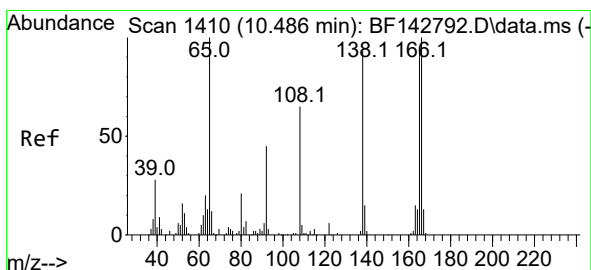
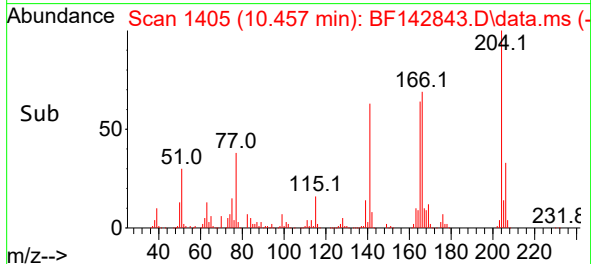
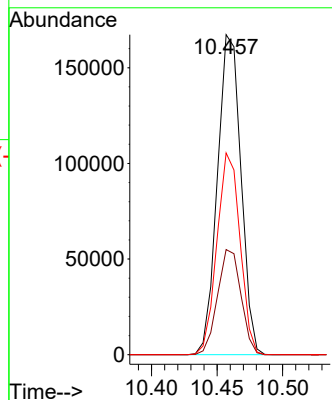
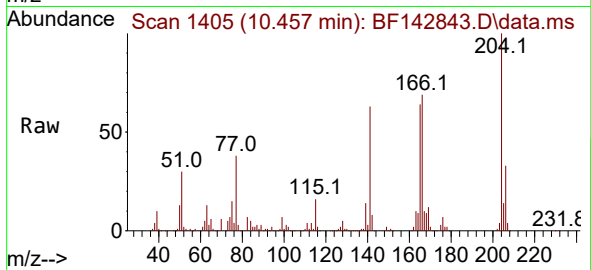




#61
4-Chlorophenyl-phenylether
Concen: 39.601 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

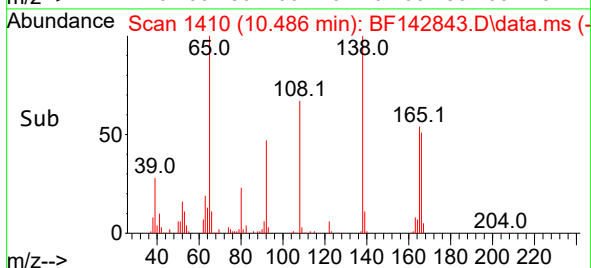
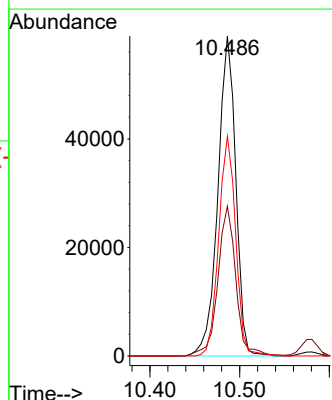
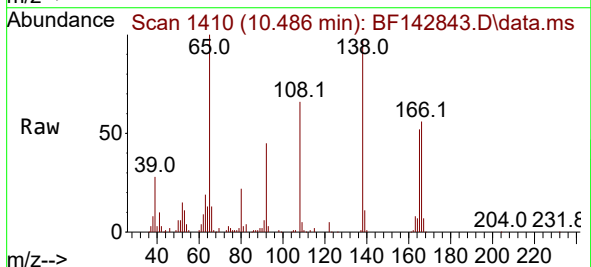
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

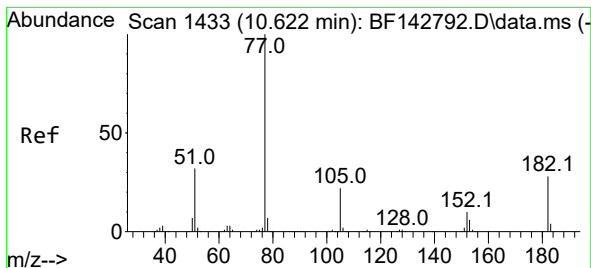
Tgt Ion:204 Resp: 208769
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 34.388 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:138 Resp: 81554
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 68.6 50.2 90.2





#63

Azobenzene

Concen: 42.566 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

Tgt Ion: 77 Resp: 400040

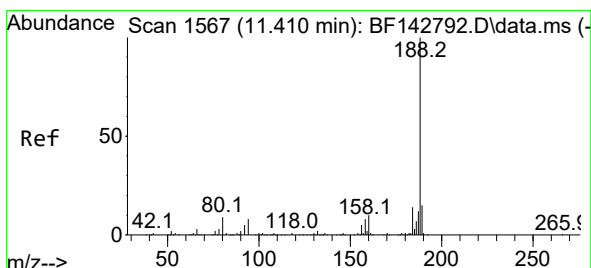
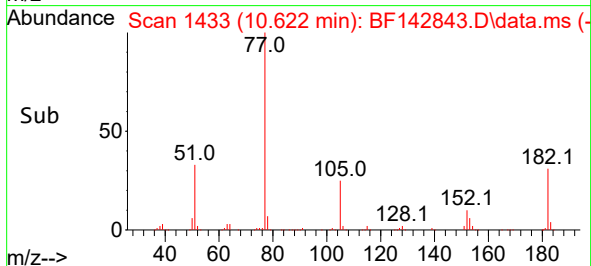
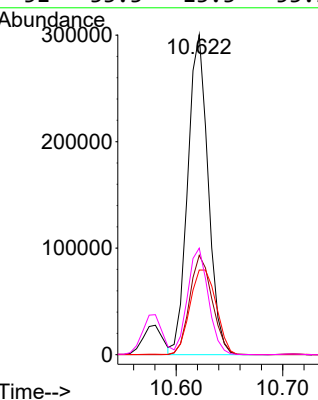
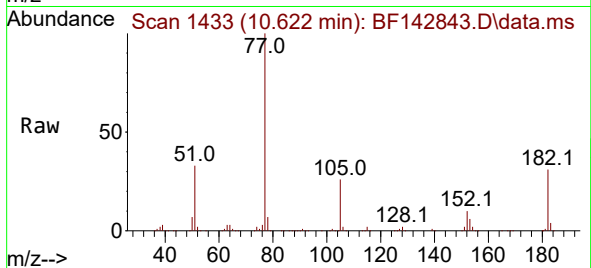
Ion Ratio Lower Upper

77 100

182 31.1 7.7 47.7

105 26.5 1.9 41.9

51 33.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

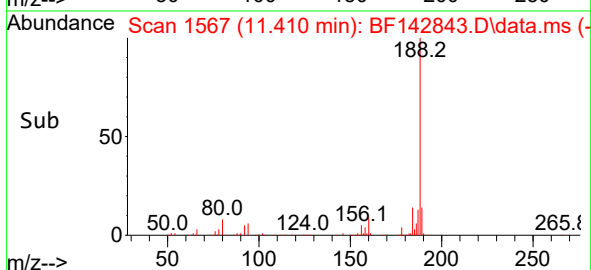
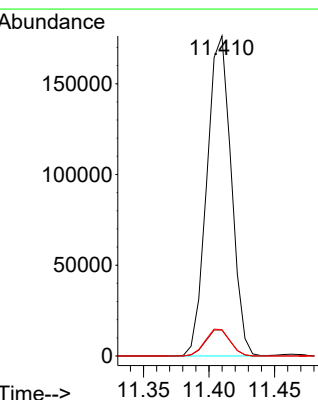
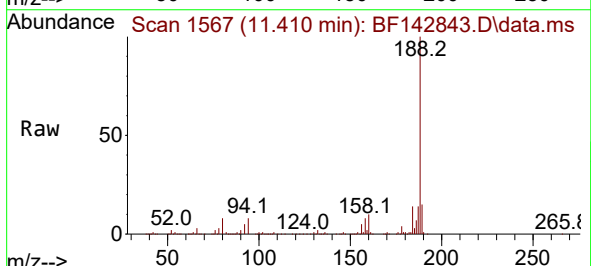
Tgt Ion:188 Resp: 227501

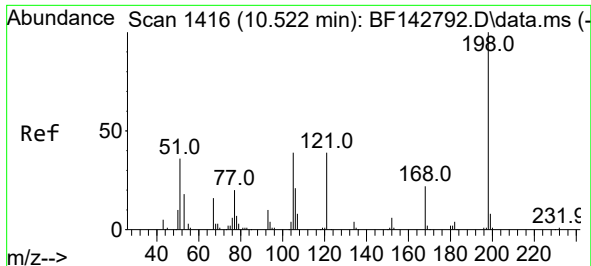
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.2 6.9 10.3

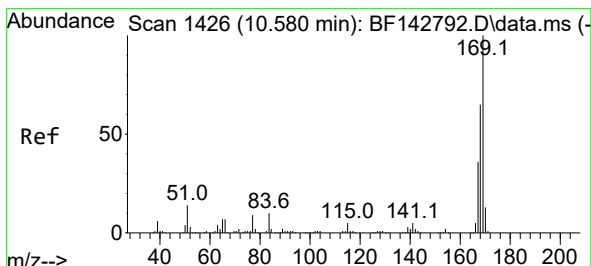
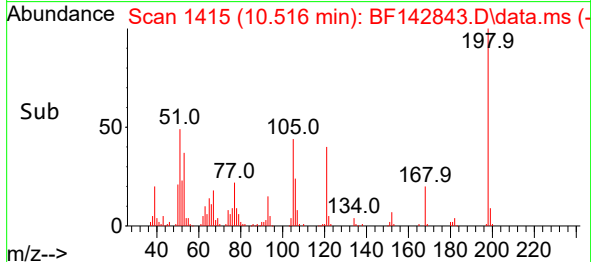
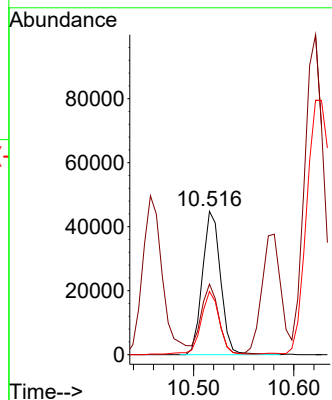
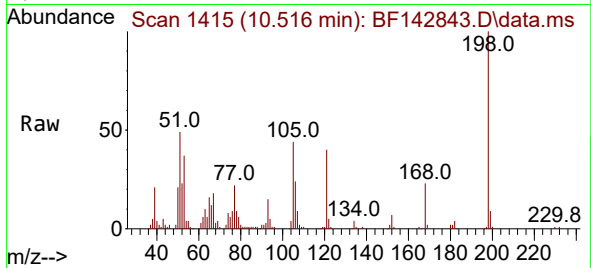




#65
4,6-Dinitro-2-methylphenol
Concen: 41.096 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

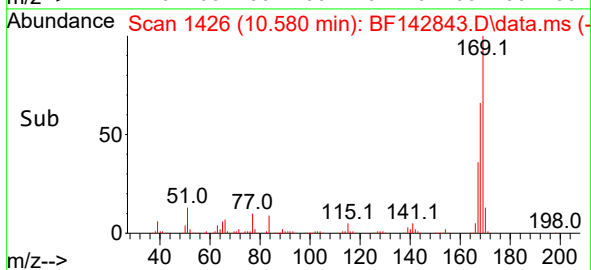
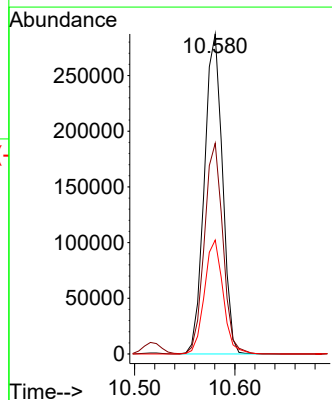
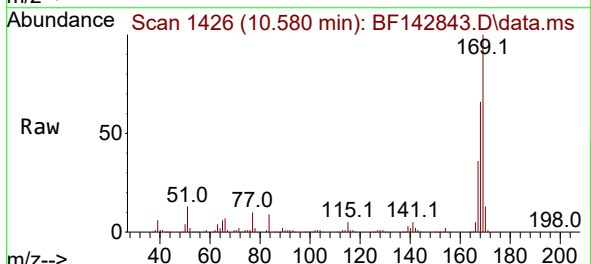
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

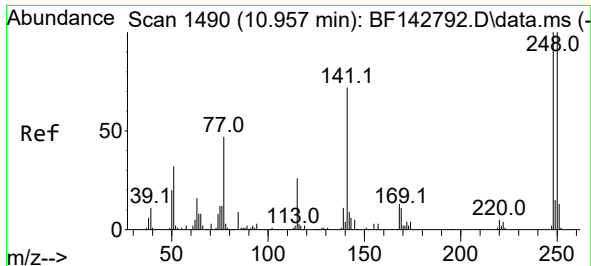
Tgt Ion:198 Resp: 56551
Ion Ratio Lower Upper
198 100
51 49.2 25.4 65.4
105 44.1 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.765 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:169 Resp: 360840
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.6 28.5 42.7

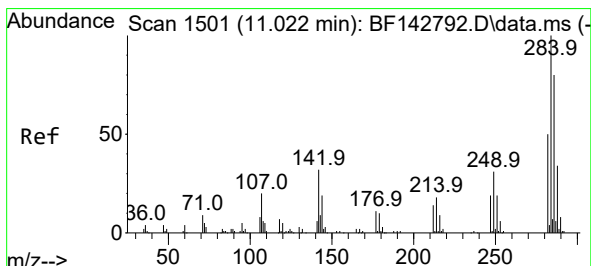
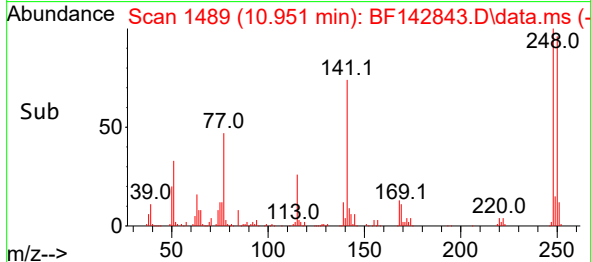
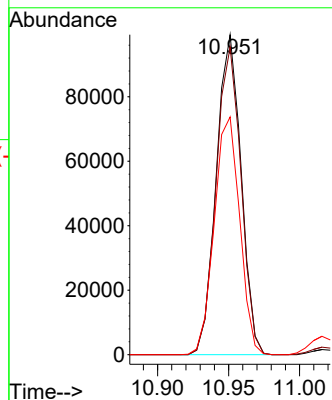
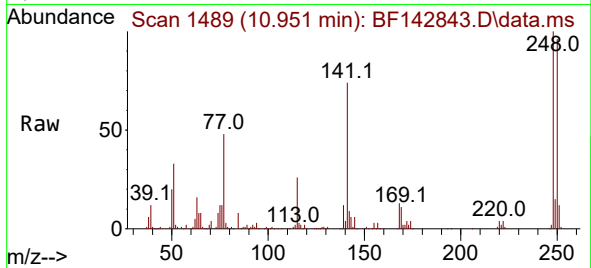




#67
4-Bromophenyl-phenylether
Concen: 46.605 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

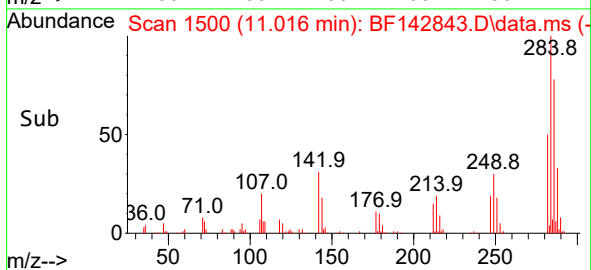
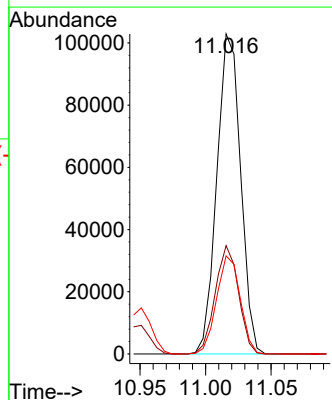
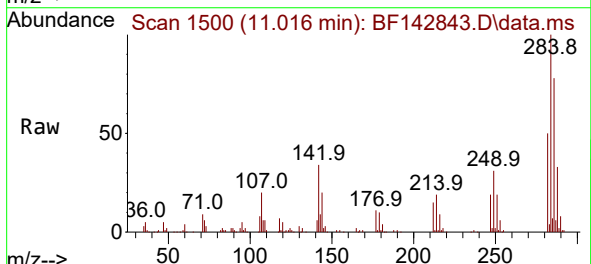
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

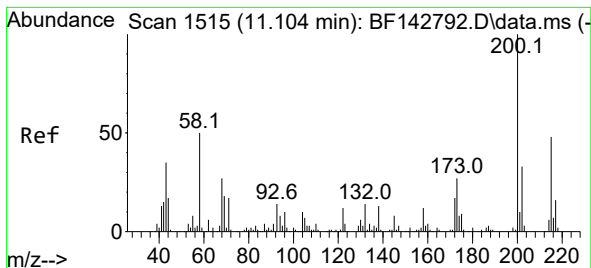
Tgt Ion:248 Resp: 120669
Ion Ratio Lower Upper
248 100
250 96.2 79.8 119.8
141 74.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.955 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:284 Resp: 129337
Ion Ratio Lower Upper
284 100
142 33.9 25.5 38.3
249 30.7 24.9 37.3





#69

Atrazine

Concen: 46.555 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

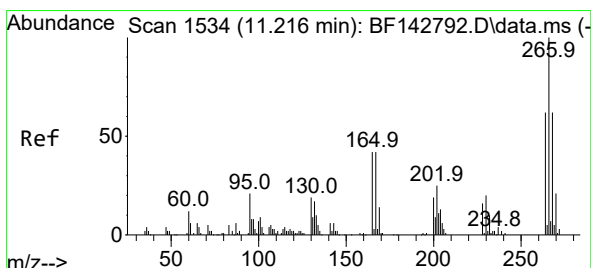
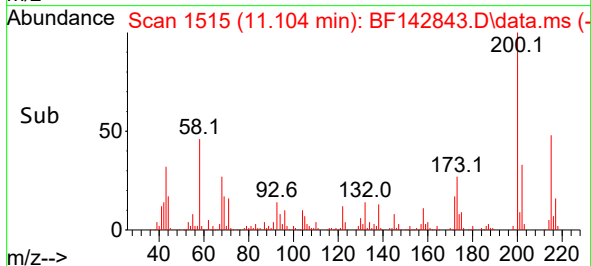
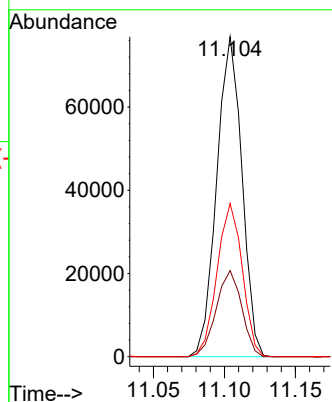
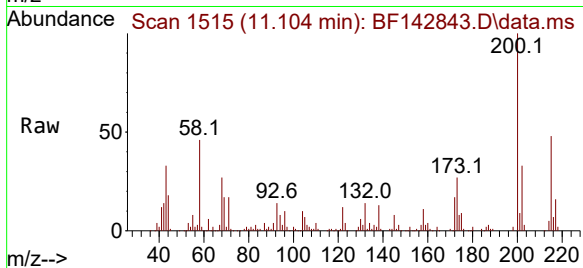
Tgt Ion:200 Resp: 94788

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 47.9 28.4 68.4



#70

Pentachlorophenol

Concen: 74.720 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

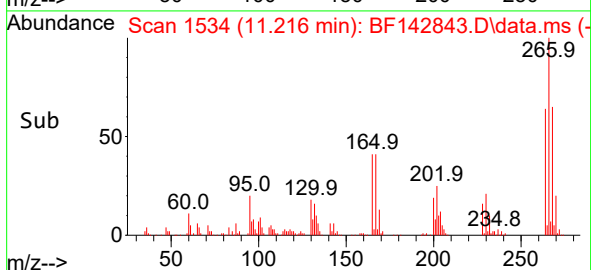
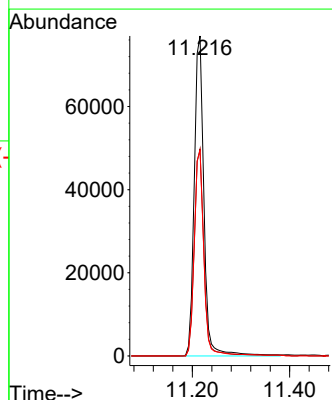
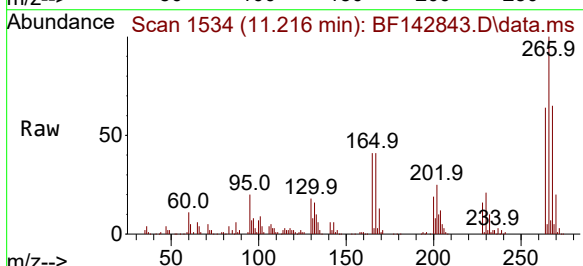
Tgt Ion:266 Resp: 107120

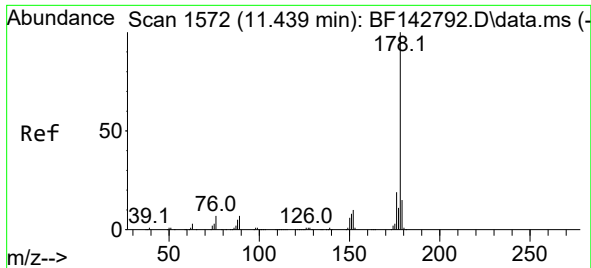
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.8

264 64.2 49.9 74.9

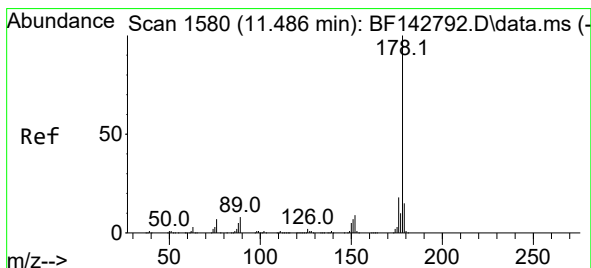
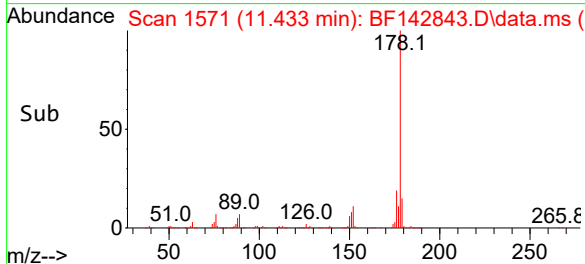
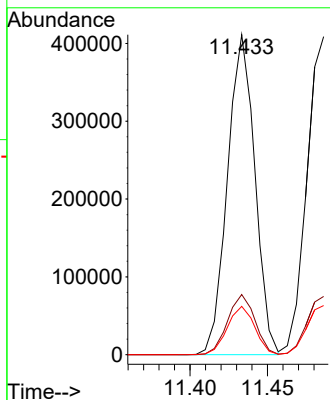
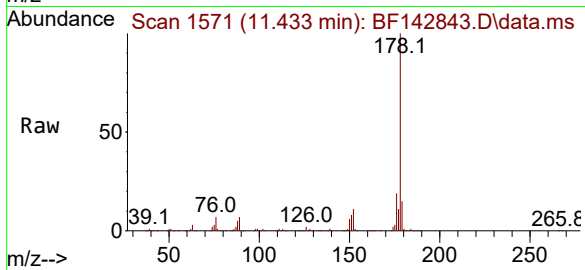




#71
Phenanthrene
Concen: 41.020 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

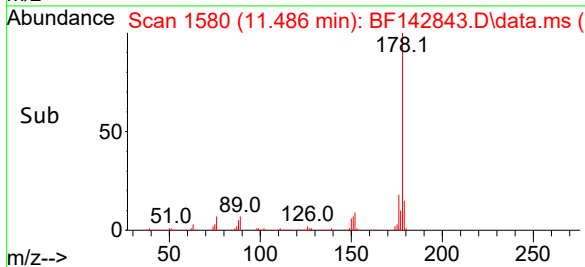
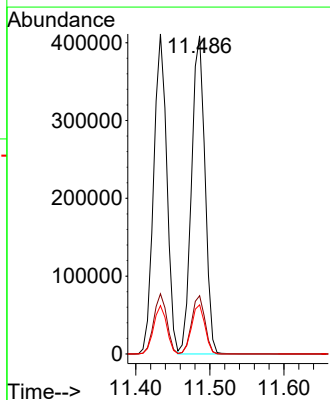
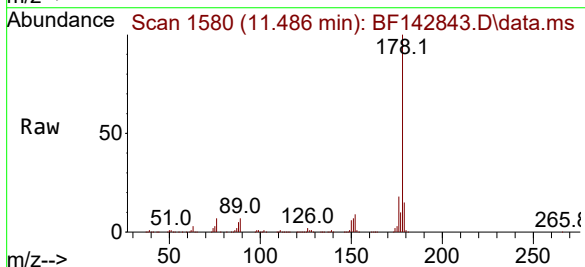
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

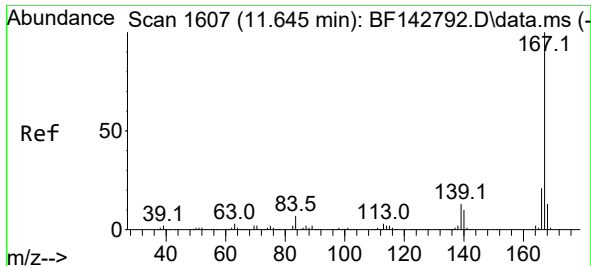
Tgt Ion:178 Resp: 505523
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 40.616 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:178 Resp: 513353
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6

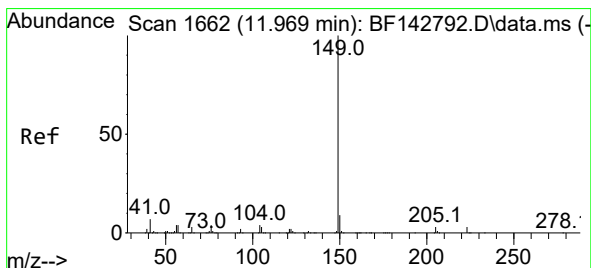
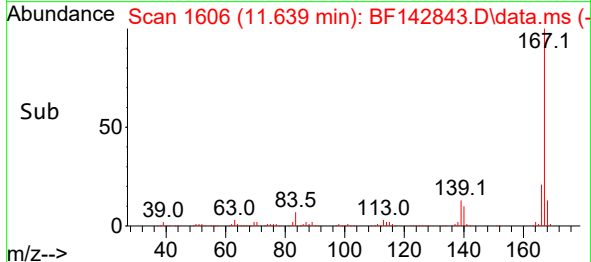
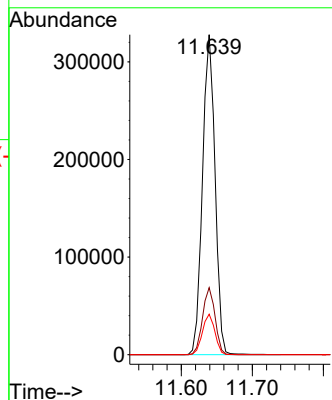
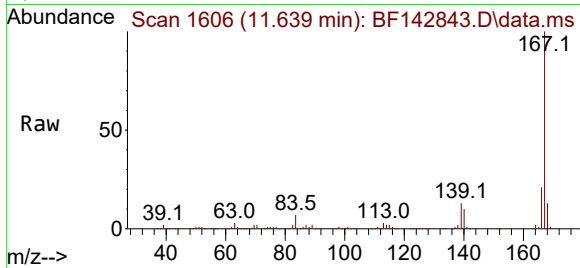




#73
 Carbazole
 Concen: 37.050 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

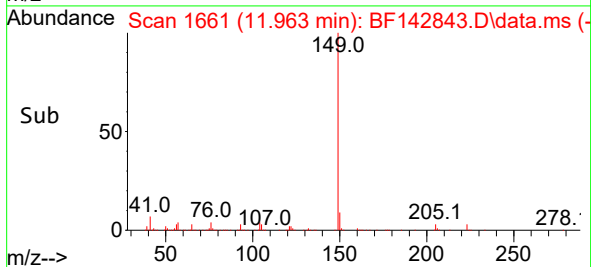
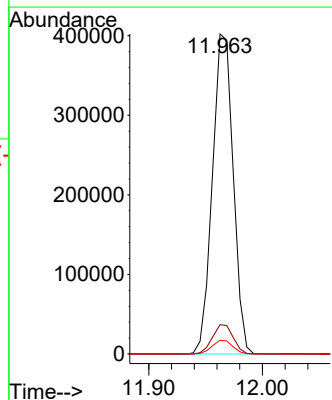
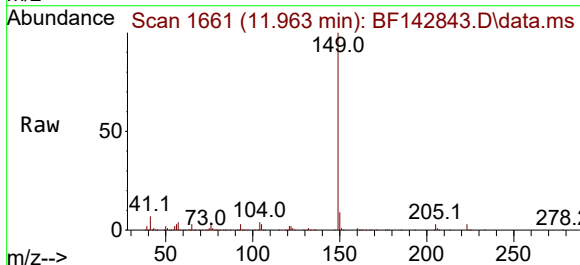
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMS

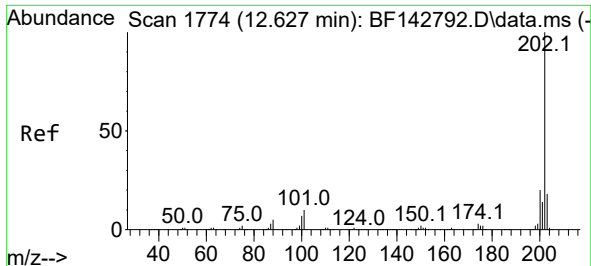
Tgt Ion:167 Resp: 404102
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 45.058 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

Tgt Ion:149 Resp: 511965
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.3 3.5 5.3

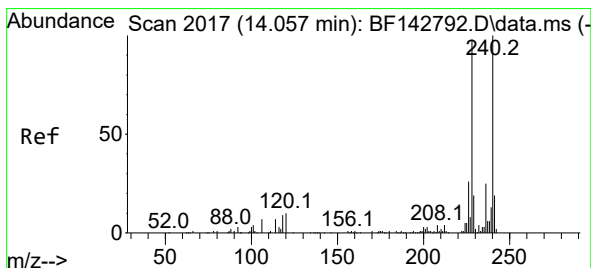
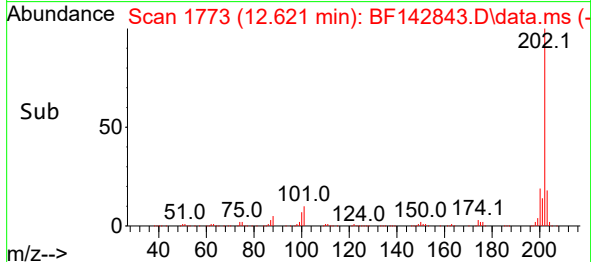
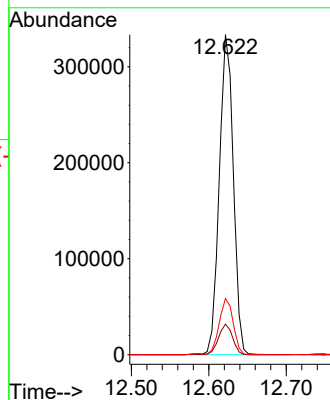
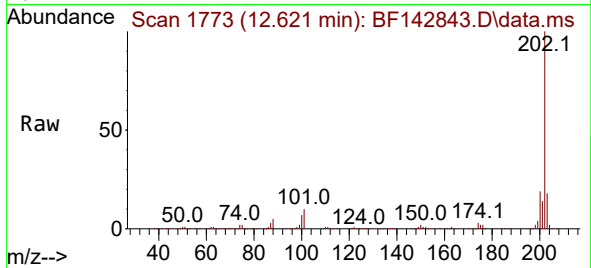




#75
Fluoranthene
Concen: 35.965 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

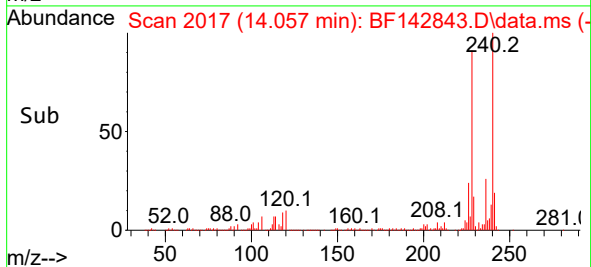
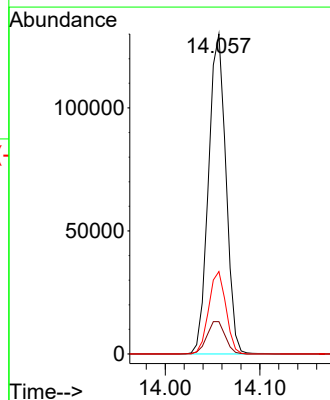
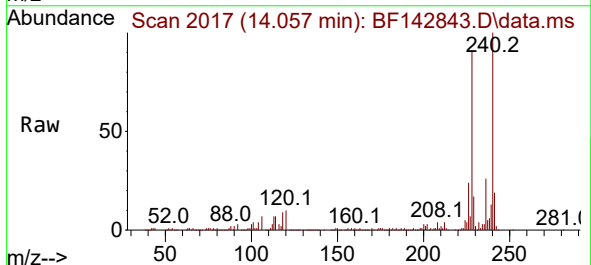
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

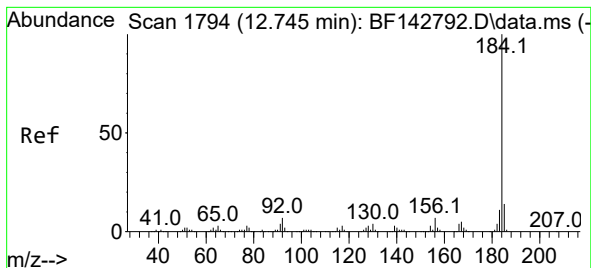
Tgt Ion:202 Resp: 420643
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:240 Resp: 165966
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.8 19.8 29.8





#77

Benzidine

Concen: 26.465 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

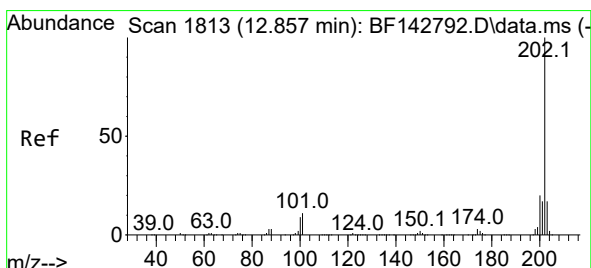
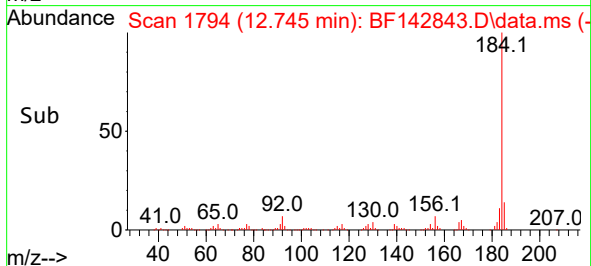
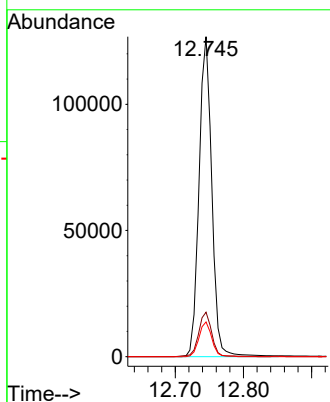
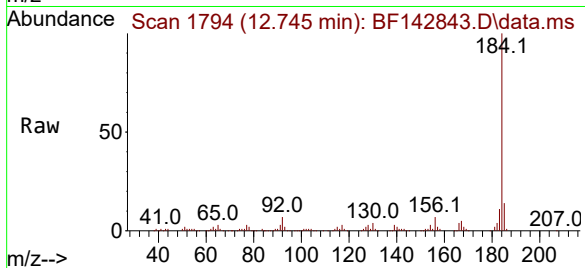
Tgt Ion:184 Resp: 165026

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 26.837 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

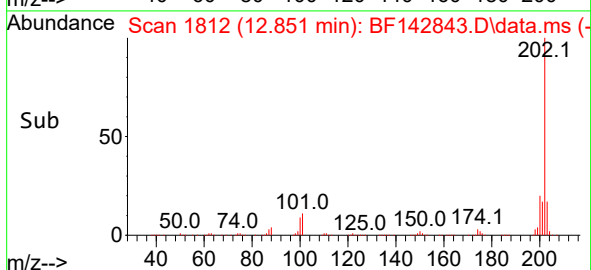
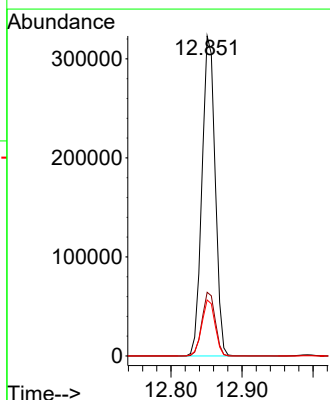
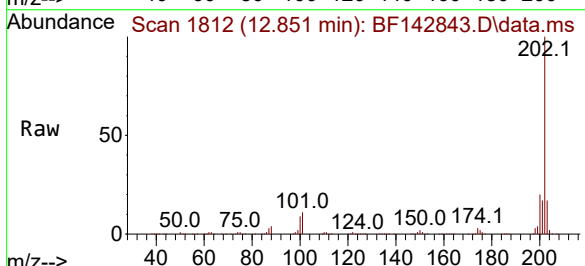
Tgt Ion:202 Resp: 417496

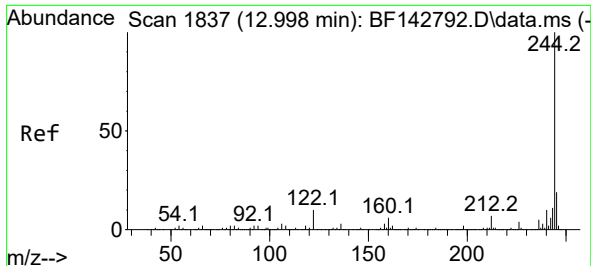
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.5 13.8 20.6

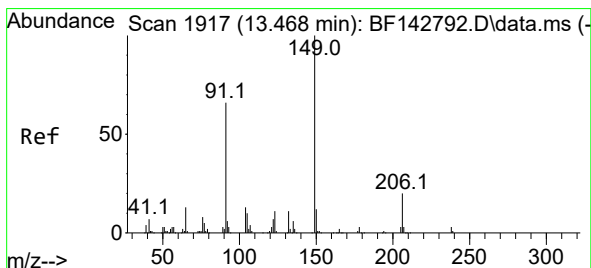
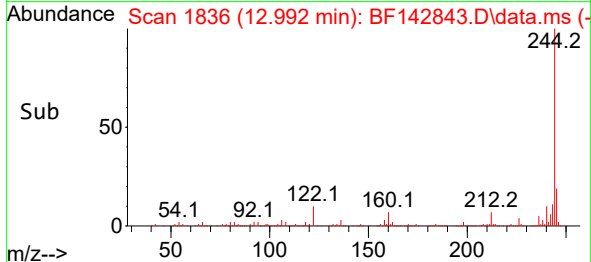
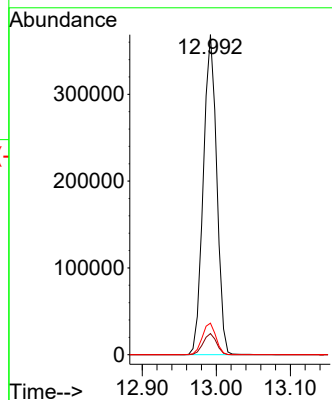
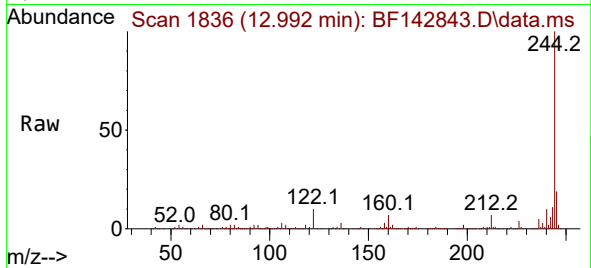




#79
 Terphenyl-d14
 Concen: 38.581 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

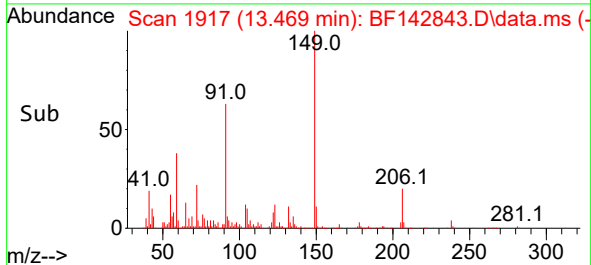
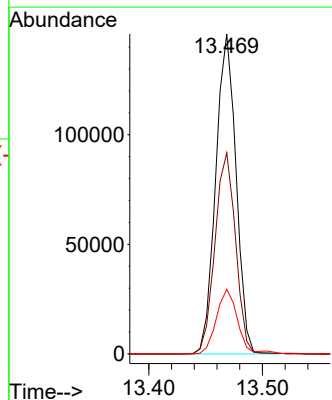
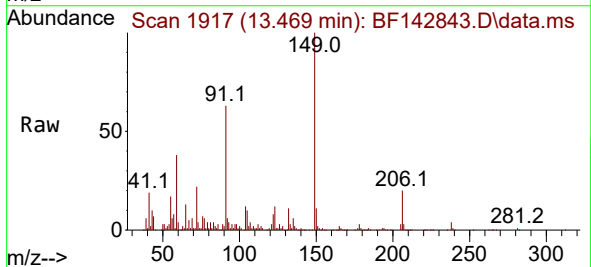
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMS

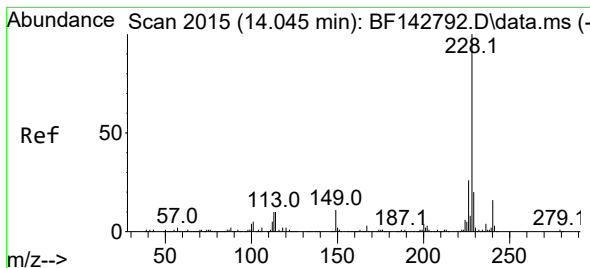
Tgt Ion:244 Resp: 463419
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 40.286 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142843.D
 Acq: 25 Jun 2025 18:04

Tgt Ion:149 Resp: 181793
 Ion Ratio Lower Upper
 149 100
 91 62.9 52.9 79.3
 206 20.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 41.412 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

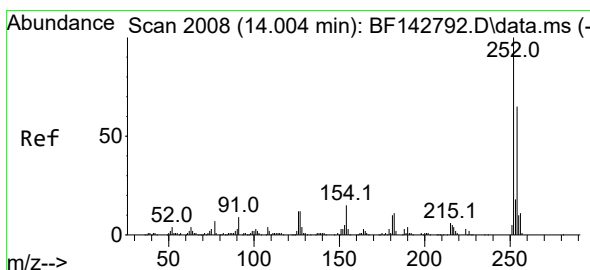
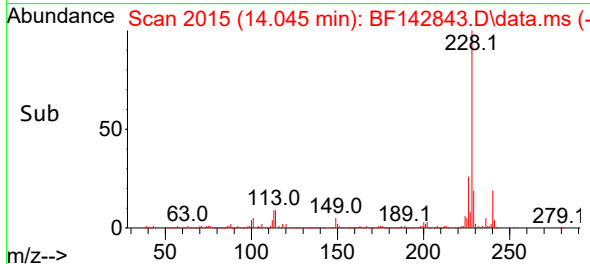
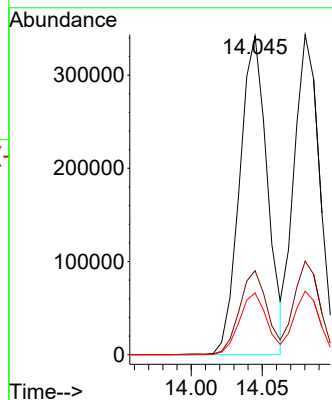
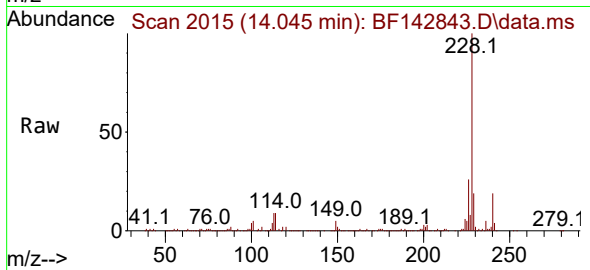
Tgt Ion:228 Resp: 463653

Ion Ratio Lower Upper

228 100

226 26.3 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 16.358 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

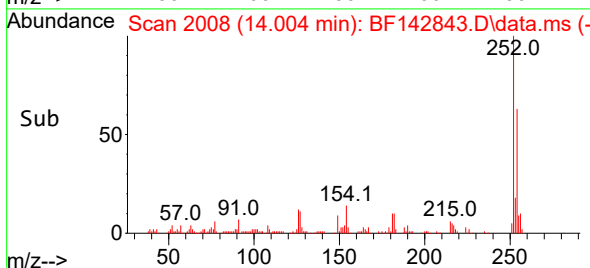
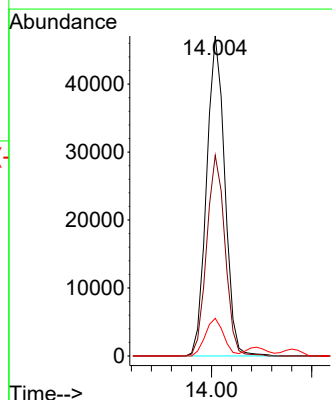
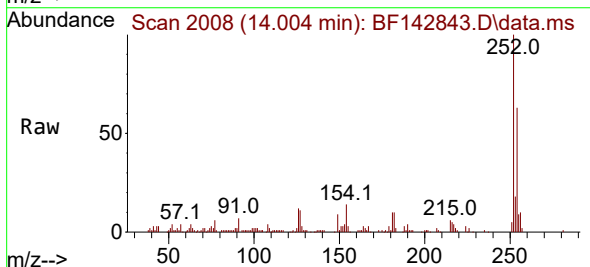
Tgt Ion:252 Resp: 59405

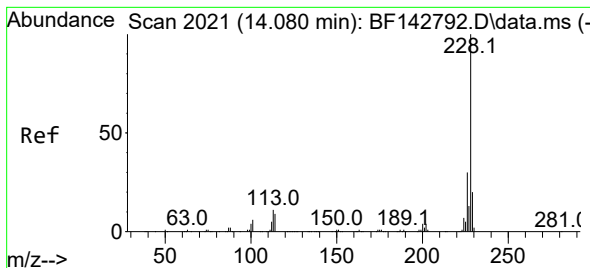
Ion Ratio Lower Upper

252 100

254 62.7 51.7 77.5

126 11.8 9.4 14.2





#83

Chrysene

Concen: 42.622 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

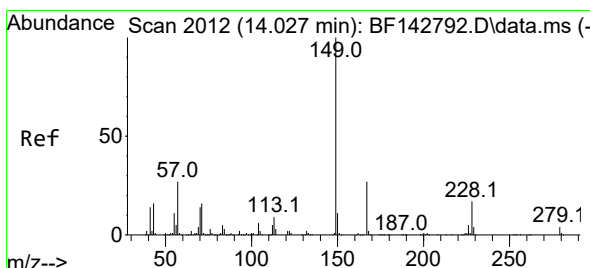
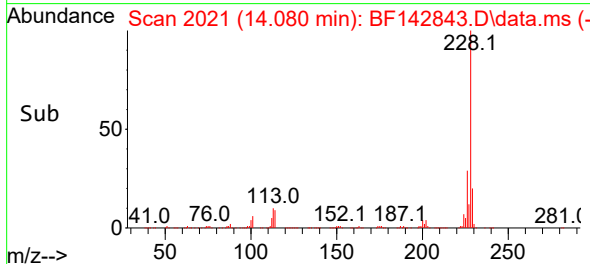
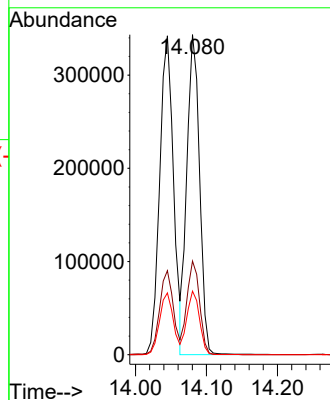
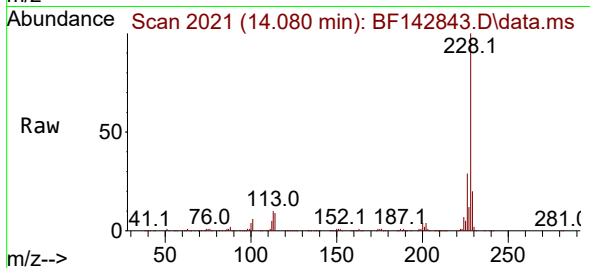
Tgt Ion:228 Resp: 425822

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.681 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

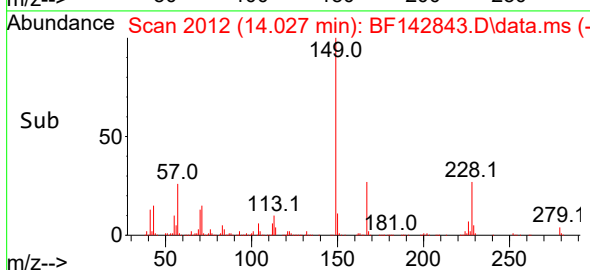
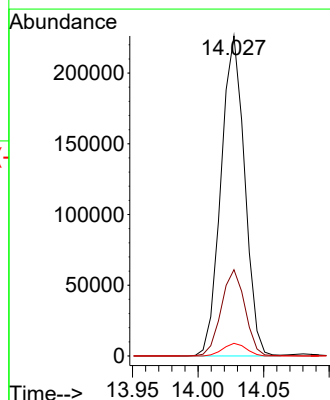
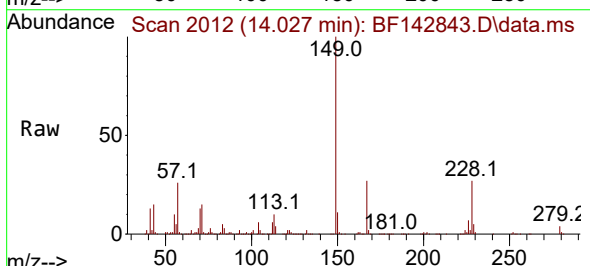
Tgt Ion:149 Resp: 283606

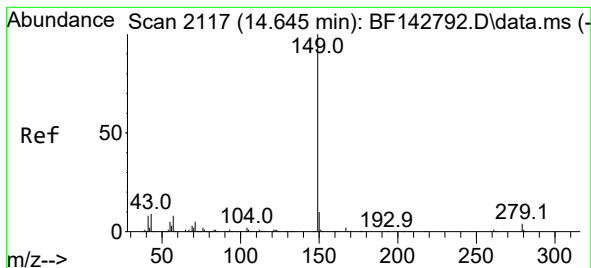
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.267 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

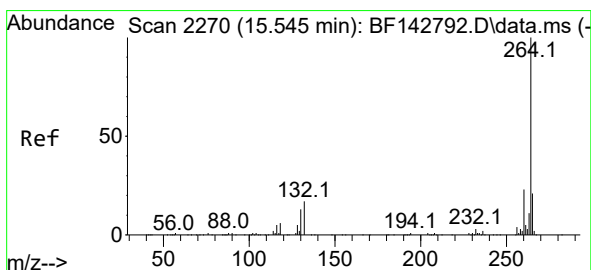
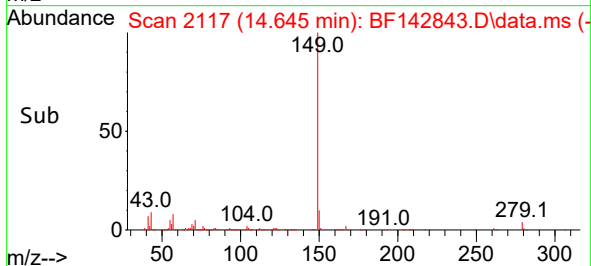
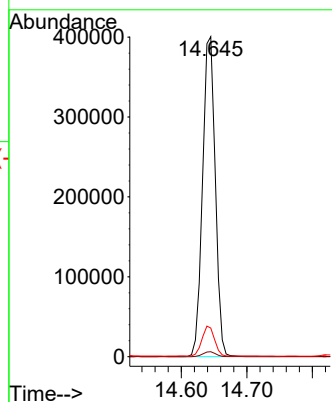
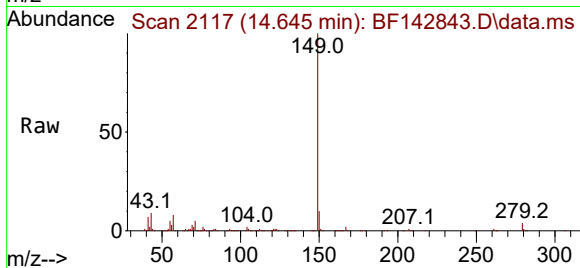
Tgt Ion:149 Resp: 541947

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.3 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

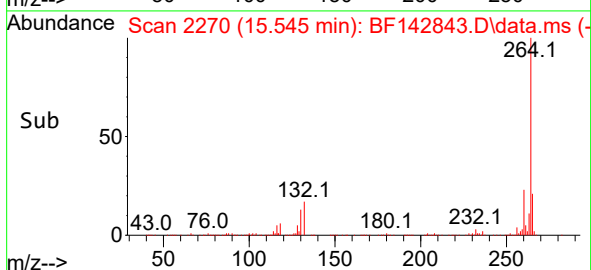
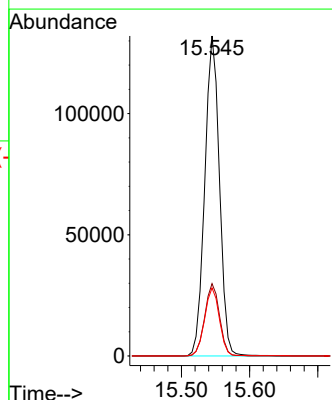
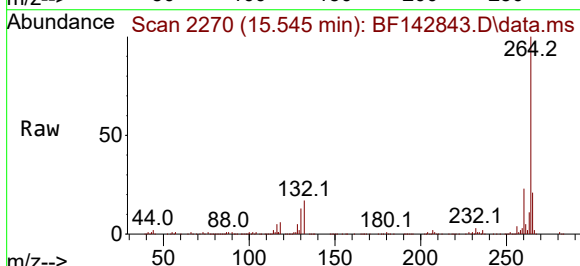
Tgt Ion:264 Resp: 197780

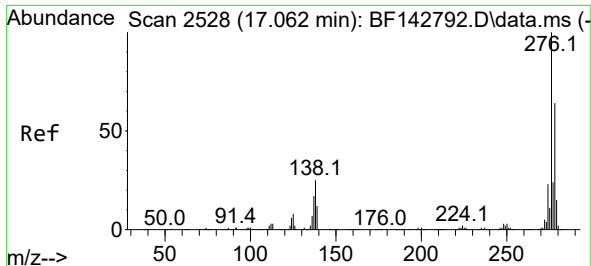
Ion Ratio Lower Upper

264 100

260 22.6 18.1 27.1

265 21.2 16.6 25.0

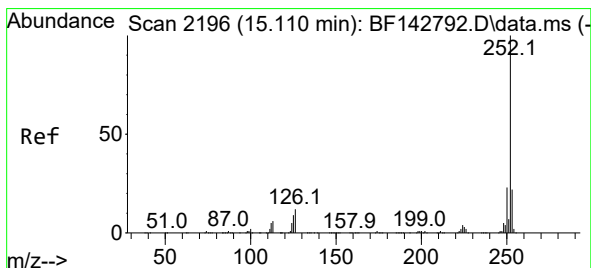
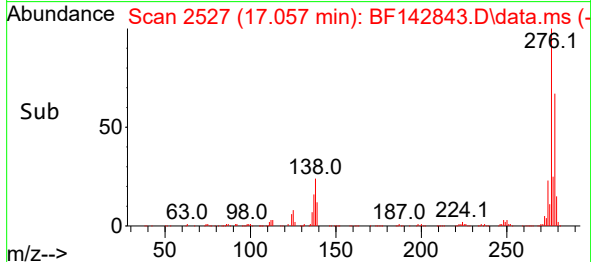
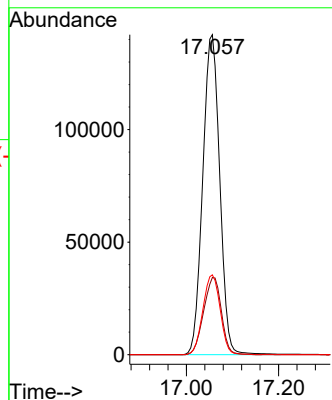
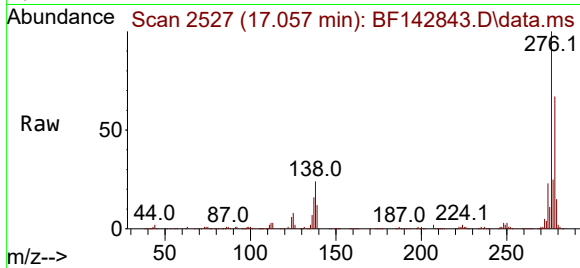




#87
Indeno(1,2,3-cd)pyrene
Concen: 24.250 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

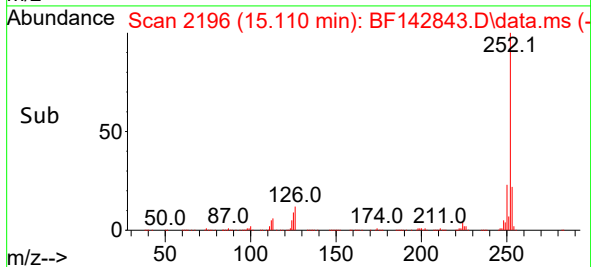
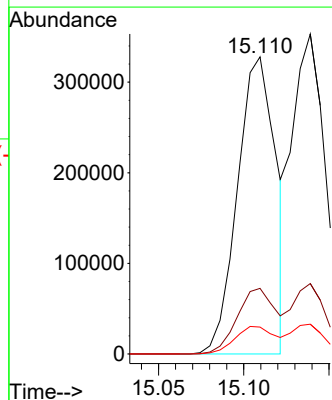
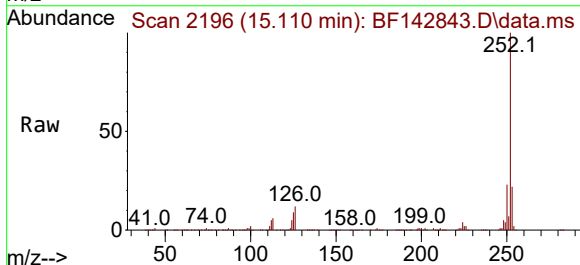
Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

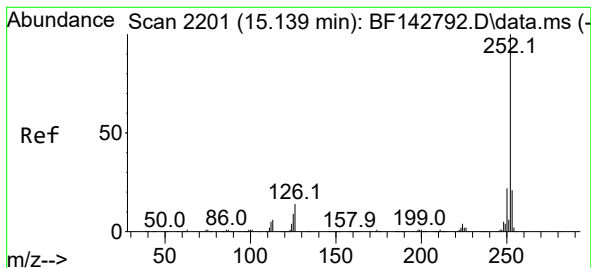
Tgt Ion:276 Resp: 365312
Ion Ratio Lower Upper
276 100
138 25.2 20.2 30.4
277 25.4 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.749 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:252 Resp: 512125
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.233 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

Instrument :

BNA_F

ClientSampleId :

MH-K/LMS

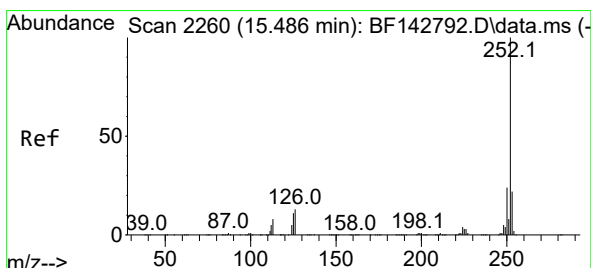
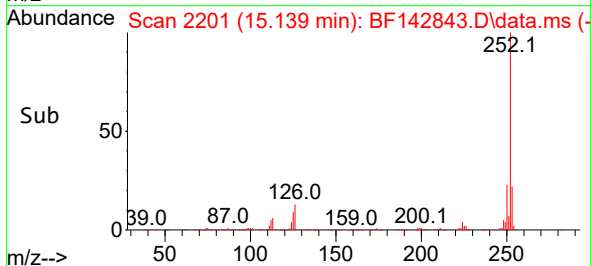
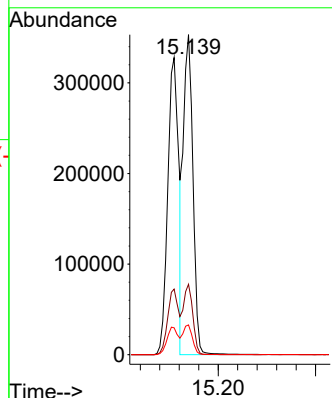
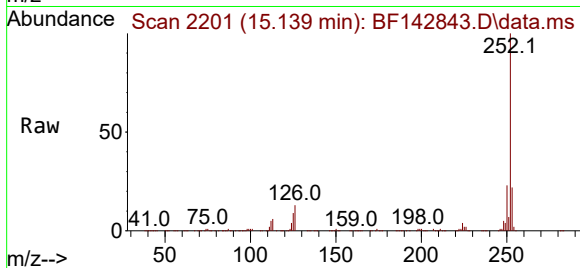
Tgt Ion:252 Resp: 484313

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 43.019 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142843.D

Acq: 25 Jun 2025 18:04

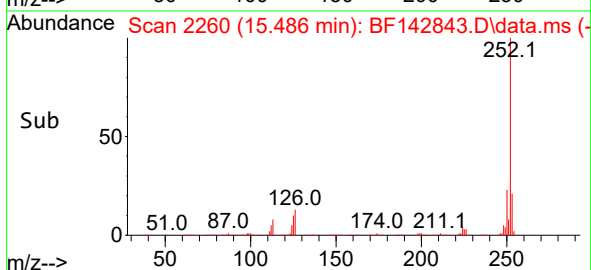
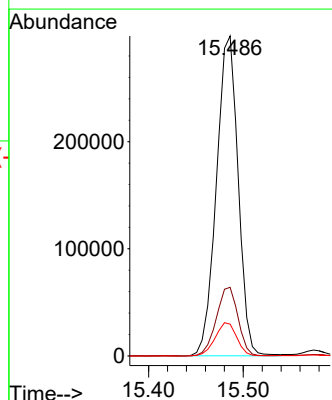
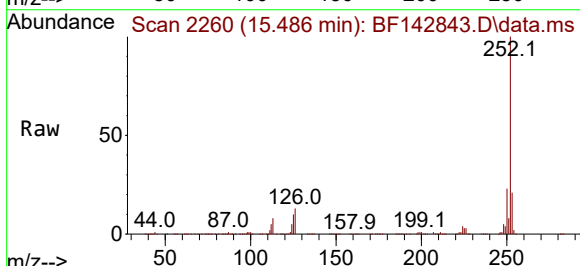
Tgt Ion:252 Resp: 475618

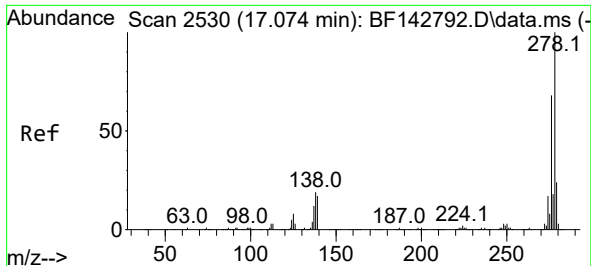
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.9 8.6 12.8

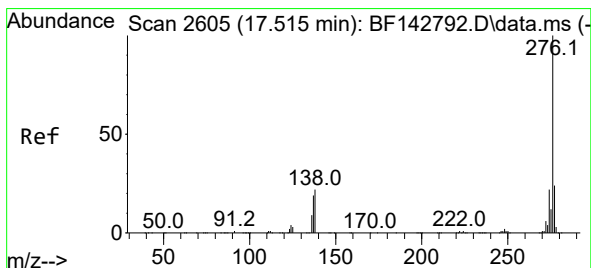
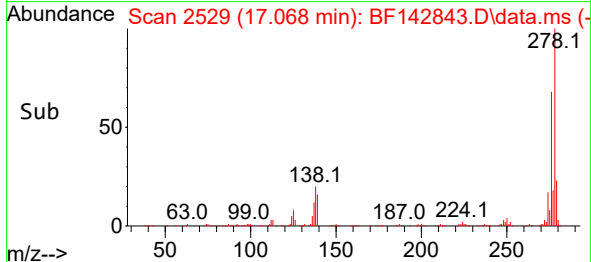
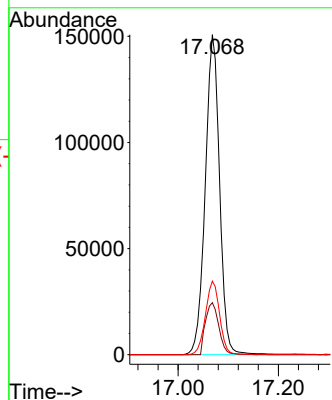
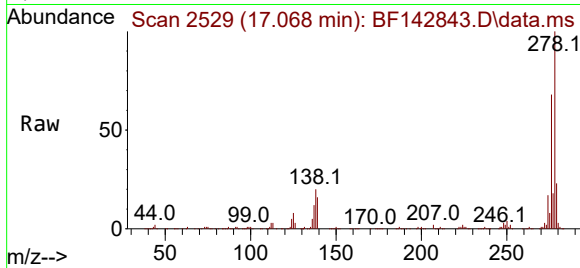




#91
Dibenzo(a,h)anthracene
Concen: 24.442 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

Tgt Ion:278 Resp: 299177
Ion Ratio Lower Upper
278 100
139 16.2 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.062 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142843.D
Acq: 25 Jun 2025 18:04

Tgt Ion:276 Resp: 257081
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 21.0 17.6 26.4

