

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142844.D
 Acq On : 25 Jun 2025 18:35
 Operator : RC/JU
 Sample : Q2394-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMSD

Quant Time: Jun 26 01:18:35 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	86832	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	327352	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161732	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216826	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166084	20.000	ng	0.00
86) Perylene-d12	15.545	264	195276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	510437	97.872	ng	0.01
7) Phenol-d6	6.510	99	618603	100.535	ng	0.00
23) Nitrobenzene-d5	7.439	82	379709	63.624	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	152841	91.833	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	776863	63.101	ng	0.00
79) Terphenyl-d14	12.992	244	479096	39.857	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	77619	37.209	ng	100
3) Pyridine	3.475	79	209759	40.110	ng	100
4) n-Nitrosodimethylamine	3.428	42	113036	41.799	ng	99
6) Aniline	6.540	93	214782	26.234	ng	# 83
8) 2-Chlorophenol	6.663	128	240076	42.673	ng	99
9) Benzaldehyde	6.428	77	142335	38.990	ng	100
10) Phenol	6.528	94	280041	40.944	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	211398	43.245	ng	98
12) 1,3-Dichlorobenzene	6.816	146	259981	41.320	ng	99
13) 1,4-Dichlorobenzene	6.892	146	266435	41.971	ng	99
14) 1,2-Dichlorobenzene	7.045	146	254247	42.226	ng	99
15) Benzyl Alcohol	7.022	79	190482	42.821	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	323932	41.245	ng	95
17) 2-Methylphenol	7.134	107	180490	42.335	ng	98
18) Hexachloroethane	7.387	117	94535	42.576	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	153811	42.980	ng	98
20) 3+4-Methylphenols	7.287	107	226021	42.519	ng	95
22) Acetophenone	7.287	105	310952	43.076	ng	98
24) Nitrobenzene	7.463	77	230370	42.648	ng	98
25) Isophorone	7.698	82	409972	42.823	ng	100
26) 2-Nitrophenol	7.781	139	133671	45.428	ng	98
27) 2,4-Dimethylphenol	7.816	122	212994	41.789	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	262521	43.132	ng	99
29) 2,4-Dichlorophenol	8.022	162	198199	42.886	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	217187	42.738	ng	99
31) Naphthalene	8.187	128	676656	42.229	ng	100
32) Benzoic acid	7.928	122	99567	38.327	ng	96
33) 4-Chloroaniline	8.234	127	76461	11.735	ng	97
34) Hexachlorobutadiene	8.298	225	132910	42.757	ng	99
35) Caprolactam	8.610	113	52363	42.938	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	192750	41.966	ng	98
37) 2-Methylnaphthalene	8.875	142	422995	42.581	ng	98
38) 1-Methylnaphthalene	8.975	142	434533	42.256	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	215130	45.080	ng	99
41) Hexachlorocyclopentadiene	9.028	237	224115	82.757	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	137174	44.112	ng	100

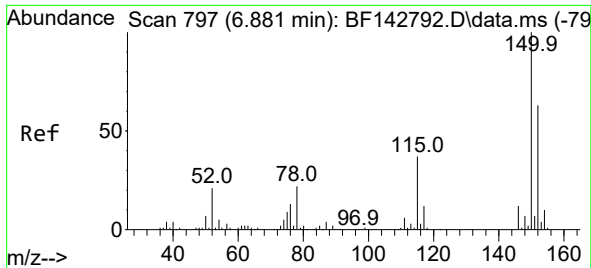
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	140604	42.953	ng	99
46) 1,1'-Biphenyl	9.339	154	569253	44.557	ng	99
47) 2-Chloronaphthalene	9.369	162	416871	43.481	ng	100
48) 2-Nitroaniline	9.463	65	114797	42.709	ng	98
49) Acenaphthylene	9.781	152	677374	42.918	ng	99
50) Dimethylphthalate	9.639	163	466375	44.548	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100547	43.733	ng	98
52) Acenaphthene	9.957	154	433591	45.027	ng	99
53) 3-Nitroaniline	9.869	138	51321	20.274	ng	98
54) 2,4-Dinitrophenol	9.981	184	81917	71.158	ng	99
55) Dibenzofuran	10.128	168	578999	41.931	ng	100
56) 4-Nitrophenol	10.039	139	118397	68.321	ng	98
57) 2,4-Dinitrotoluene	10.110	165	127282	41.679	ng	99
58) Fluorene	10.469	166	438096	40.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103184	39.105	ng	97
60) Diethylphthalate	10.339	149	442512	43.110	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	216441	42.059	ng	98
62) 4-Nitroaniline	10.486	138	83121	35.904	ng	97
63) Azobenzene	10.622	77	409836	44.673	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	58514	44.616	ng	96
66) n-Nitrosodiphenylamine	10.580	169	366172	48.728	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	123766	50.155	ng	97
68) Hexachlorobenzene	11.016	284	129801	47.338	ng	97
69) Atrazine	11.104	200	95172	49.045	ng	99
70) Pentachlorophenol	11.216	266	107461	78.649	ng	98
71) Phenanthrene	11.433	178	515807	43.915	ng	99
72) Anthracene	11.486	178	524846	43.570	ng	99
73) Carbazole	11.639	167	413578	39.785	ng	100
74) Di-n-butylphthalate	11.969	149	517455	47.783	ng	100
75) Fluoranthene	12.622	202	428340	38.426	ng	100
77) Benzidine	12.745	184	172817	27.695	ng	99
78) Pyrene	12.851	202	438025	28.137	ng	100
80) Butylbenzylphthalate	13.469	149	191237	42.349	ng	98
81) Benzo(a)anthracene	14.045	228	486056	43.382	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	60826	16.737	ng	99
83) Chrysene	14.080	228	448397	44.850	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	299554	46.105	ng	100
85) Di-n-octyl phthalate	14.645	149	570522	46.568	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	369992	24.875	ng	99
88) Benzo(b)fluoranthene	15.110	252	531909	47.074	ng	100
89) Benzo(k)fluoranthene	15.139	252	506561	47.917	ng	100
90) Benzo(a)pyrene	15.486	252	489635	44.854	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	301769	24.970	ng	98
92) Benzo(g,h,i)perylene	17.509	276	259891	21.566	ng	99

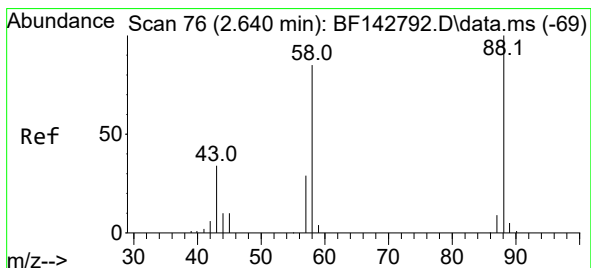
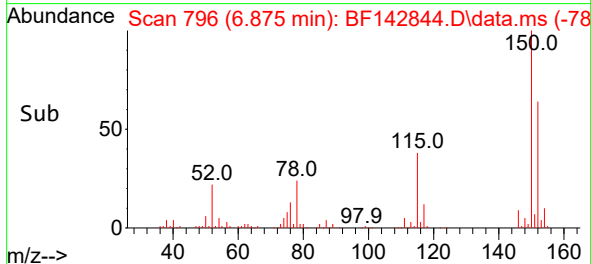
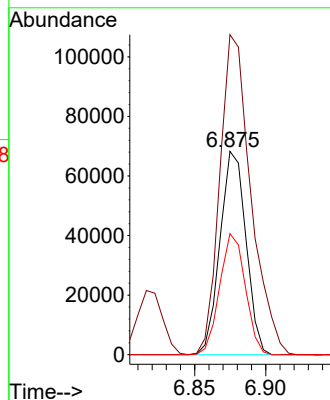
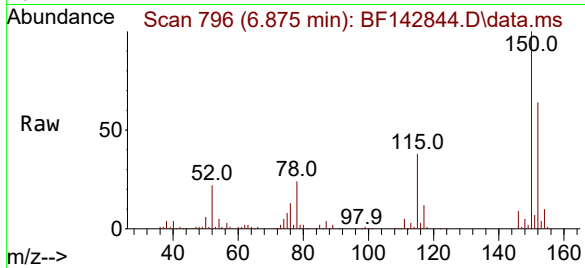
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

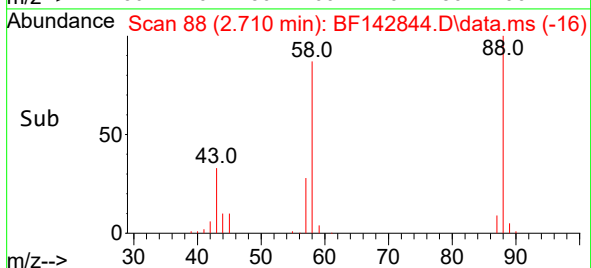
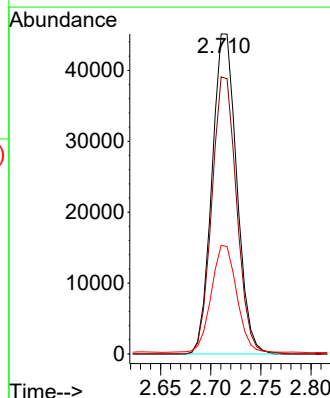
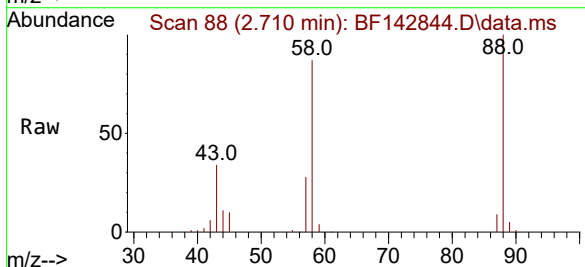
Instrument :
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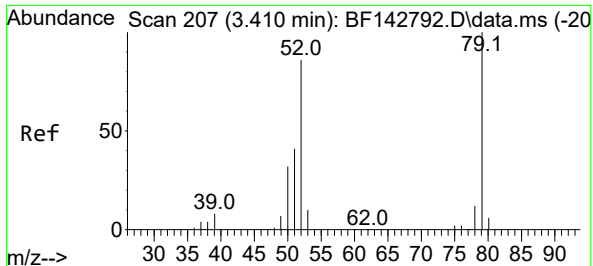
Tgt Ion:152 Resp: 86832
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.2 190.8
 115 59.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.209 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

Tgt Ion: 88 Resp: 77619
 Ion Ratio Lower Upper
 88 100
 58 86.5 69.1 103.7
 43 34.9 27.4 41.2

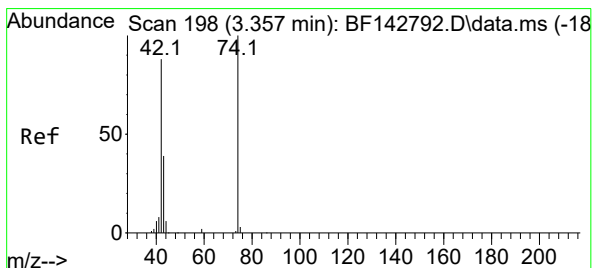
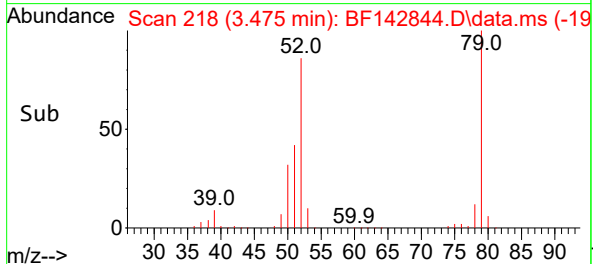
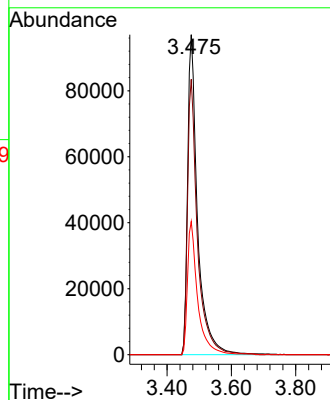
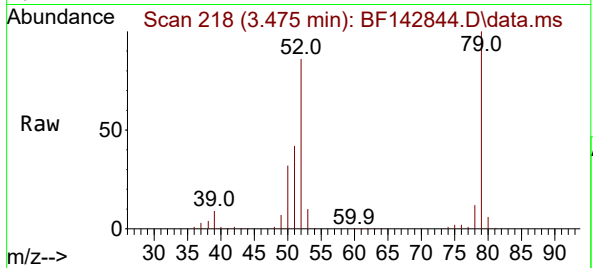




#3
Pyridine
Concen: 40.110 ng
RT: 3.475 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

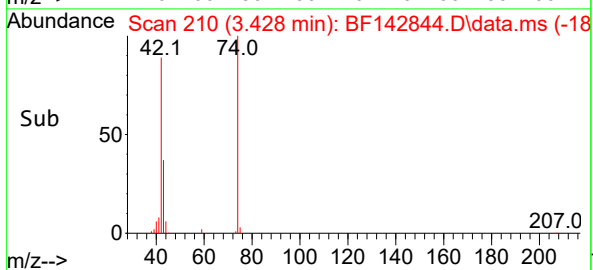
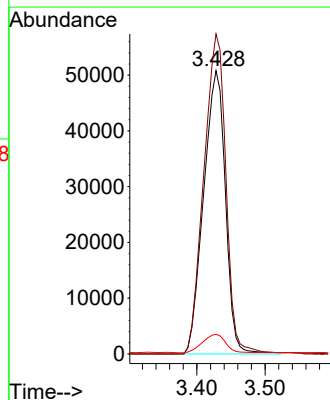
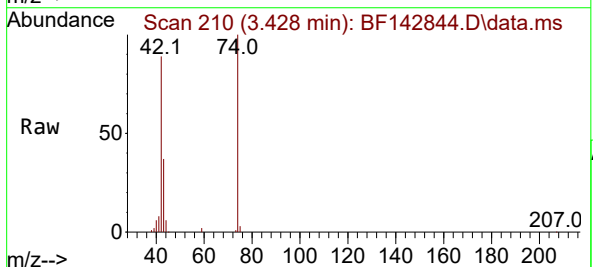
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

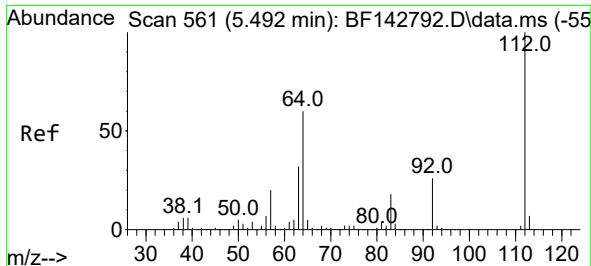
Tgt Ion: 79 Resp: 209759
Ion Ratio Lower Upper
79 100
52 86.1 69.2 103.8
51 41.6 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.799 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 42 Resp: 113036
Ion Ratio Lower Upper
42 100
74 113.0 90.9 136.3
44 6.9 5.8 8.6

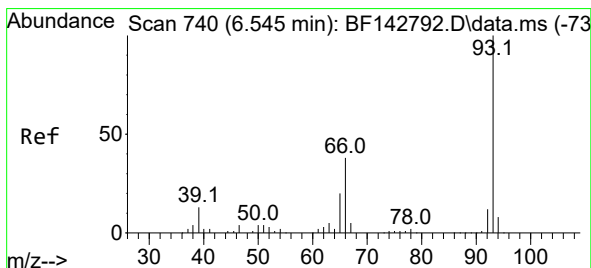
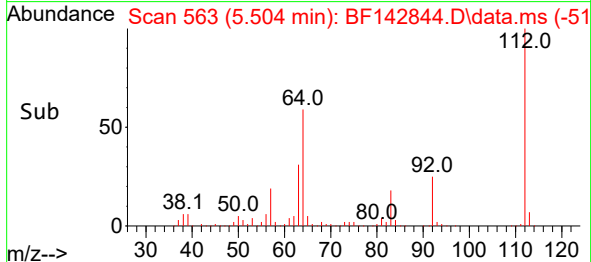
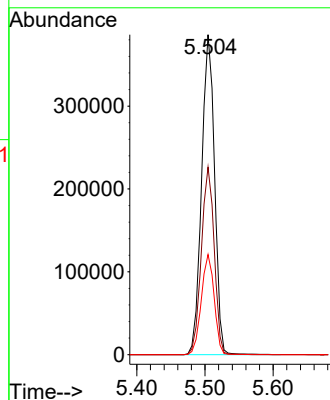
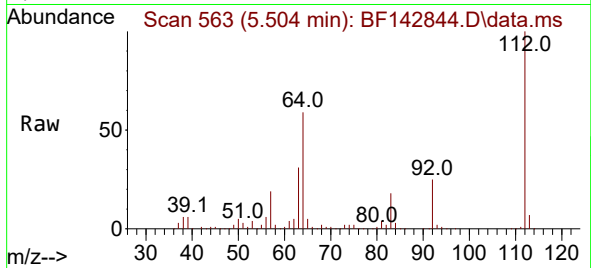




#5
2-Fluorophenol
Concen: 97.872 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

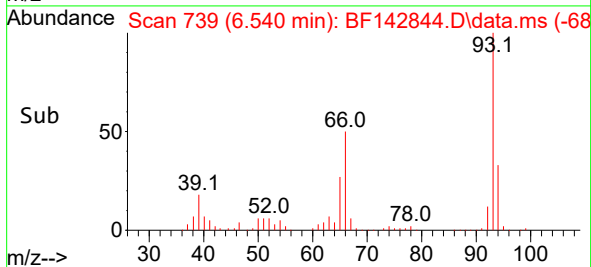
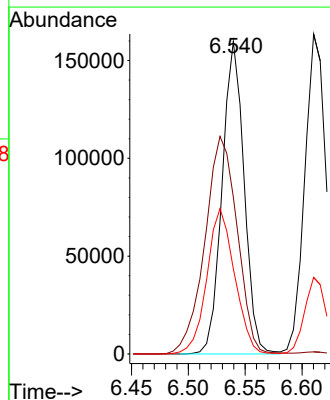
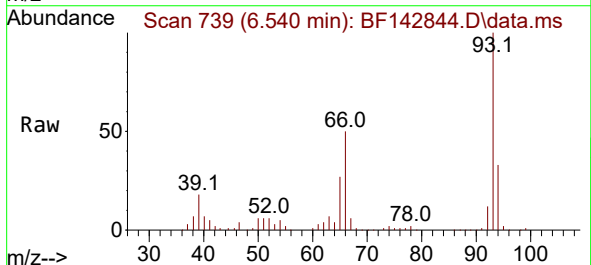
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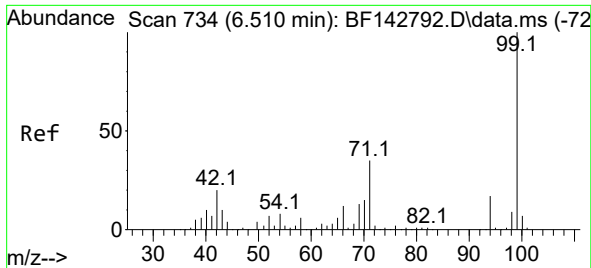
Tgt Ion:112 Resp: 510437
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.3 25.7 38.5



#6
Aniline
Concen: 26.234 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 93 Resp: 214782
Ion Ratio Lower Upper
93 100
66 50.3 31.8 47.6#
65 27.3 16.2 24.2#

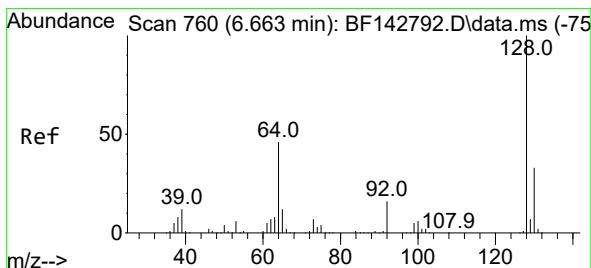
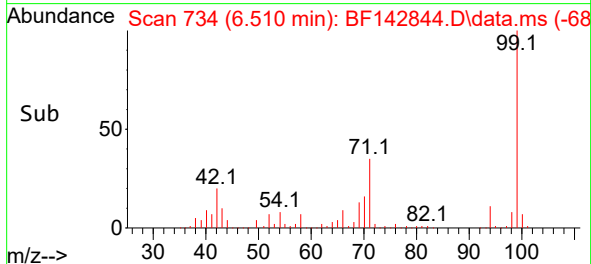
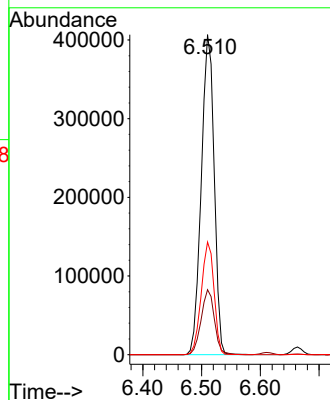
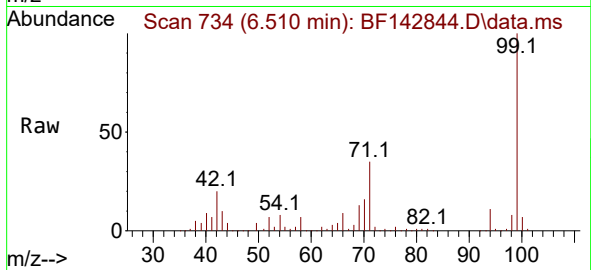




#7
Phenol-d6
Concen: 100.535 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

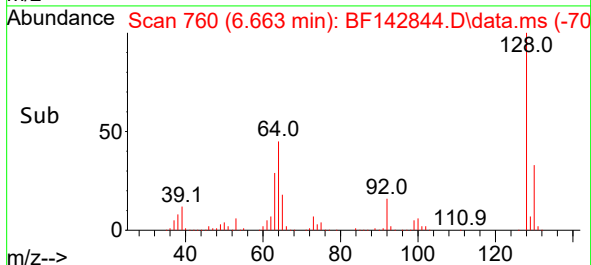
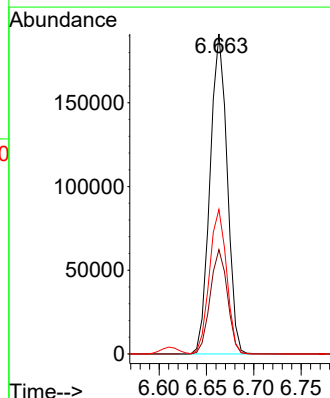
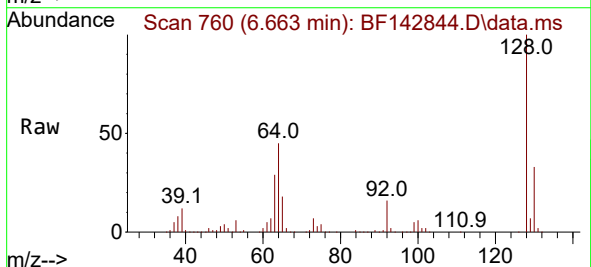
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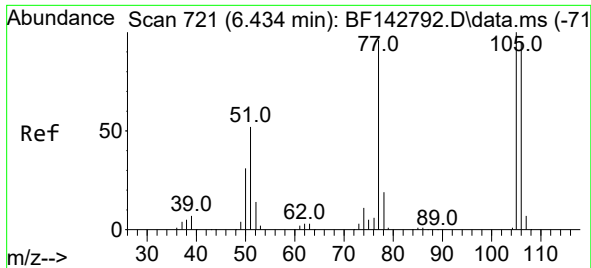
Tgt Ion: 99 Resp: 618603
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 35.2 27.8 41.8



#8
2-Chlorophenol
Concen: 42.673 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:128 Resp: 240076
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 45.1 26.5 66.5

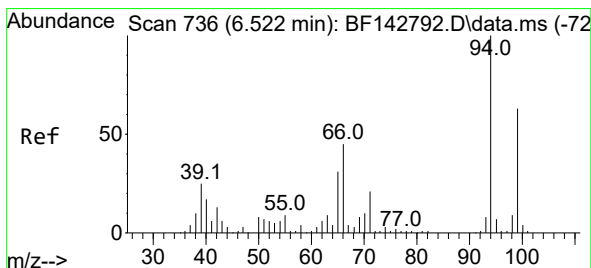
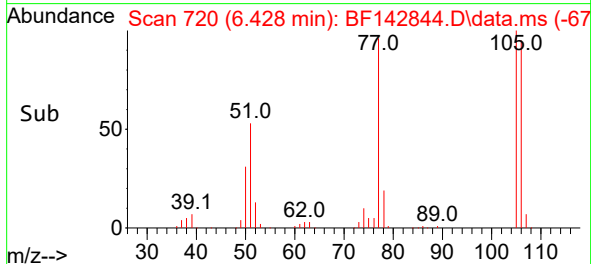
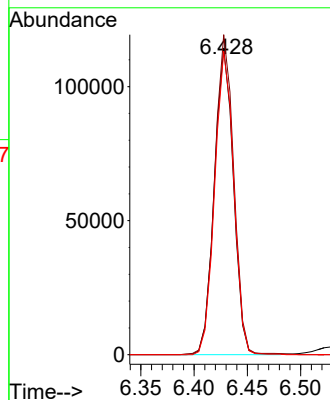
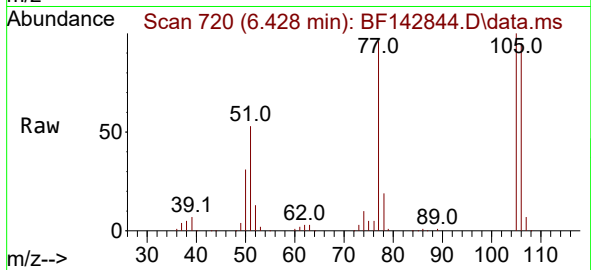




#9
Benzaldehyde
Concen: 38.990 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

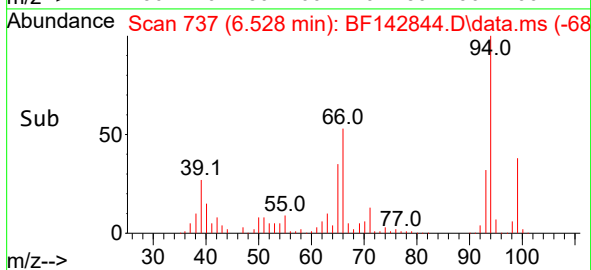
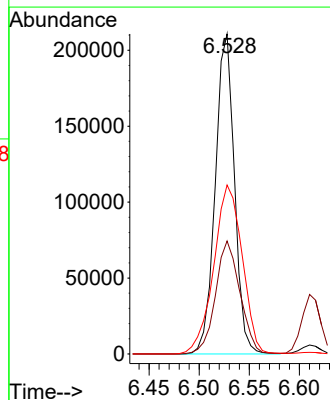
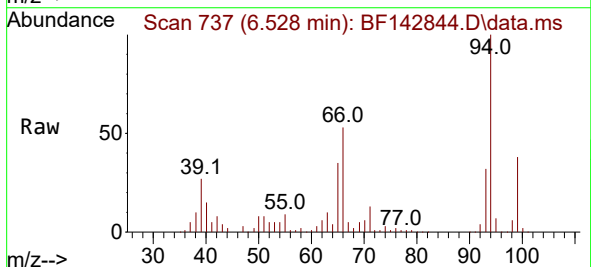
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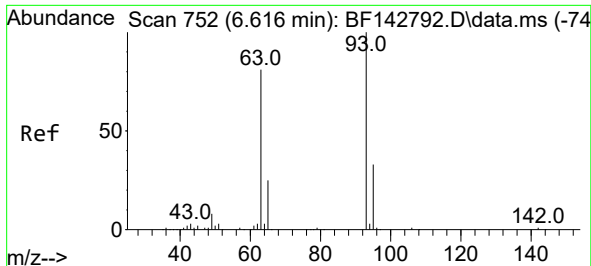
Tgt Ion: 77 Resp: 142335
Ion Ratio Lower Upper
77 100
105 104.3 83.8 123.8
106 98.9 78.7 118.7



#10
Phenol
Concen: 40.944 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 94 Resp: 280041
Ion Ratio Lower Upper
94 100
65 35.3 11.3 51.3
66 52.8 24.9 64.9

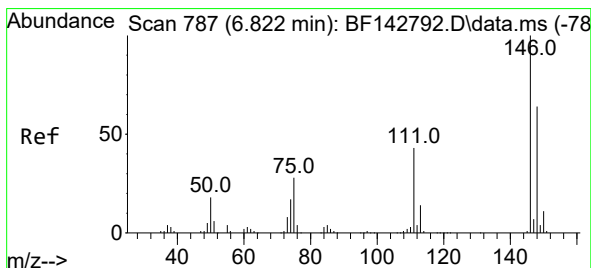
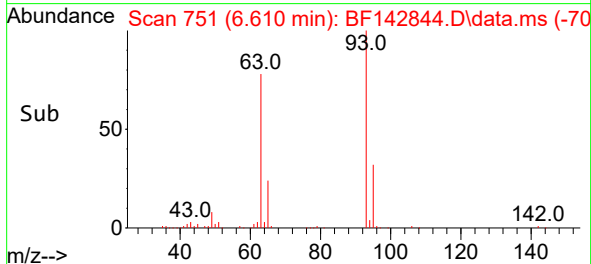
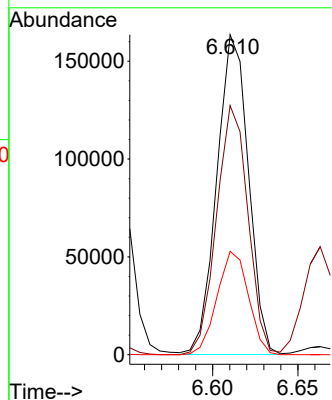
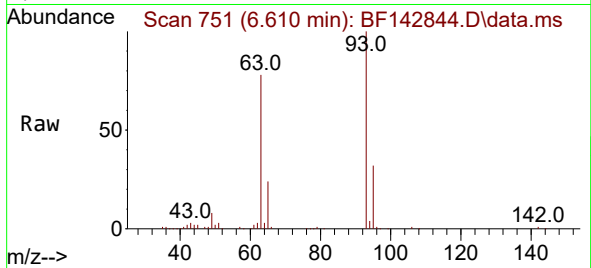




#11
bis(2-Chloroethyl)ether
Concen: 43.245 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

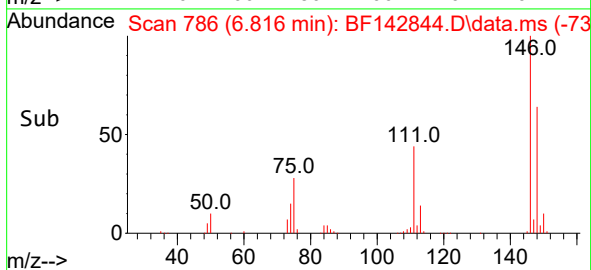
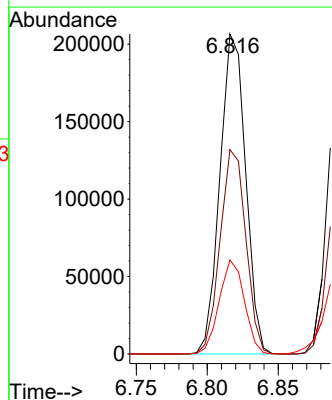
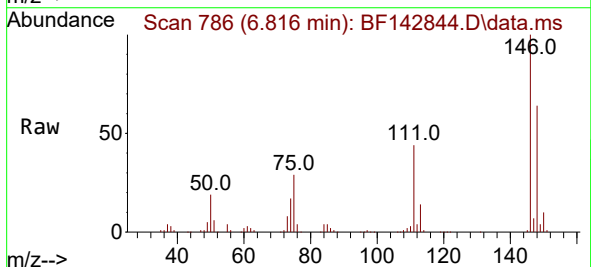
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

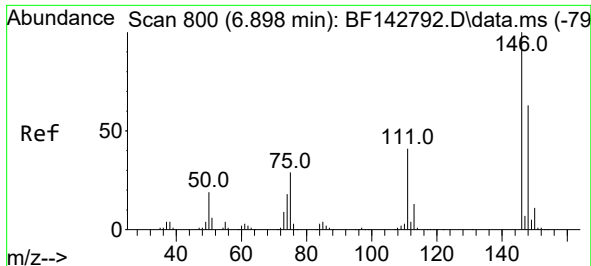
Tgt Ion: 93 Resp: 211398
Ion Ratio Lower Upper
93 100
63 77.8 60.3 100.3
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.320 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:146 Resp: 259981
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 29.4 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.971 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

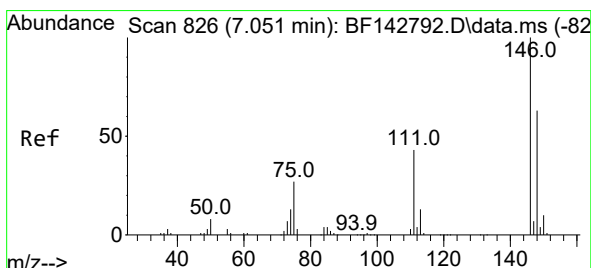
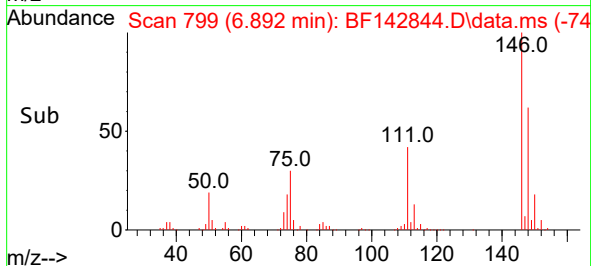
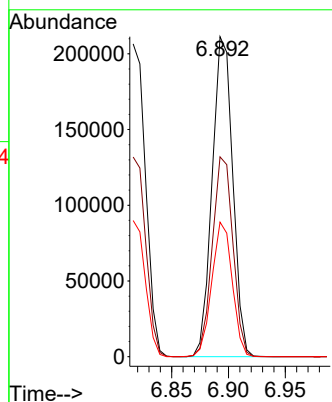
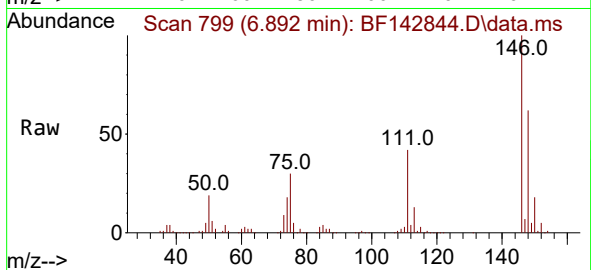
Tgt Ion:146 Resp: 266435

Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

111 42.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.226 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

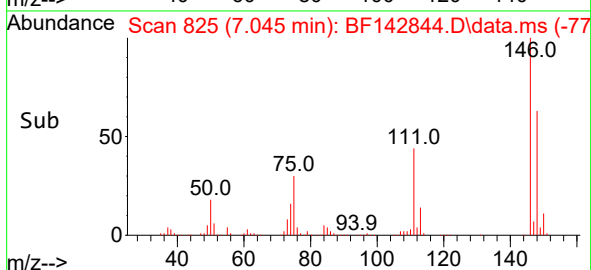
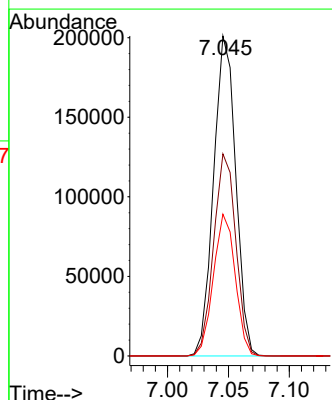
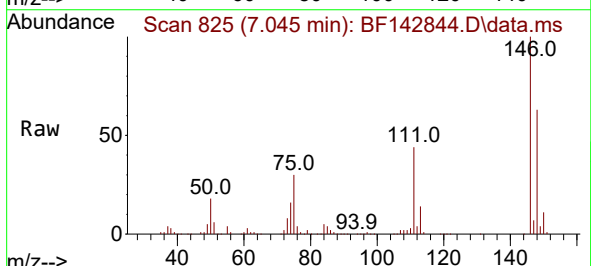
Tgt Ion:146 Resp: 254247

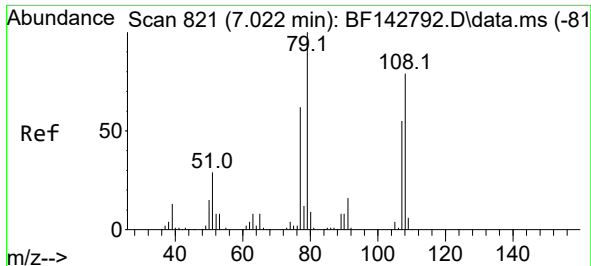
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 44.3 34.1 51.1

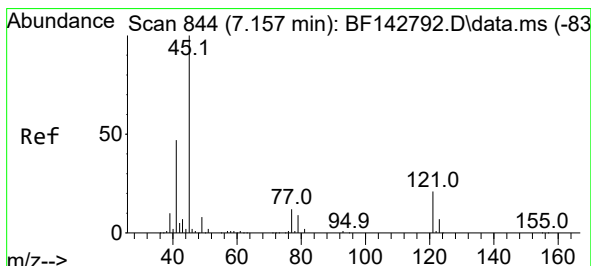
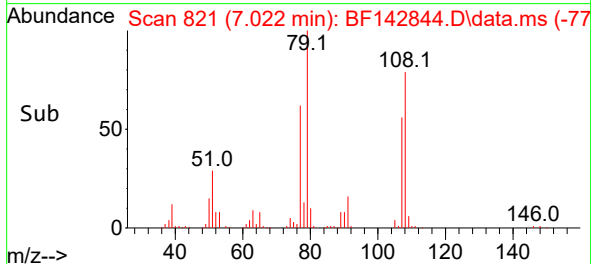
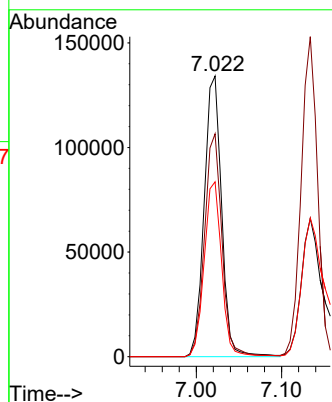
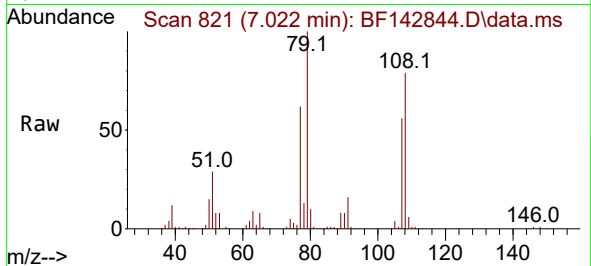




#15
Benzyl Alcohol
Concen: 42.821 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

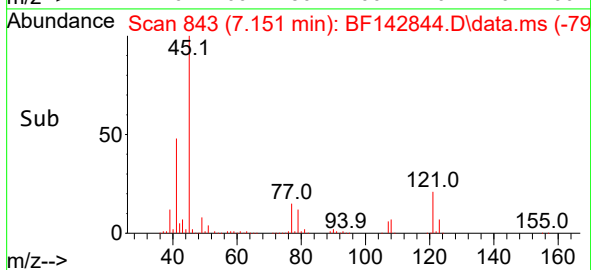
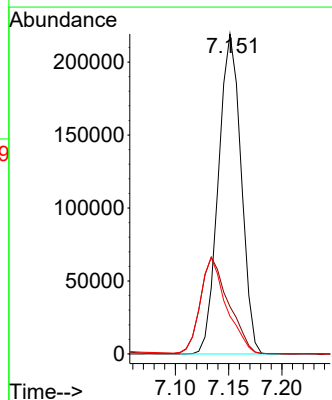
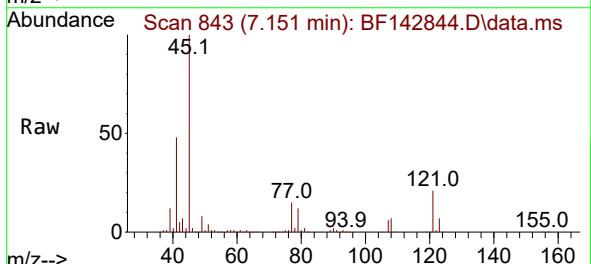
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

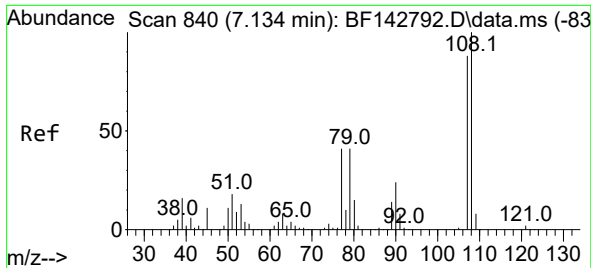
Tgt Ion: 79 Resp: 190482
Ion Ratio Lower Upper
79 100
108 79.4 63.4 95.0
77 62.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.245 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 45 Resp: 323932
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.8
79 11.8 0.0 29.8

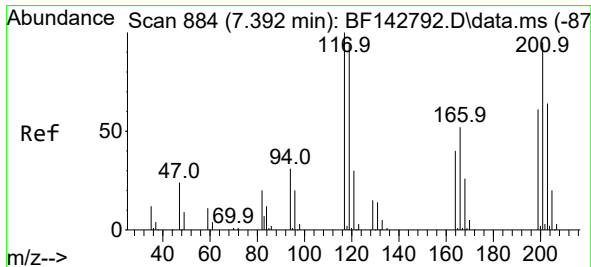
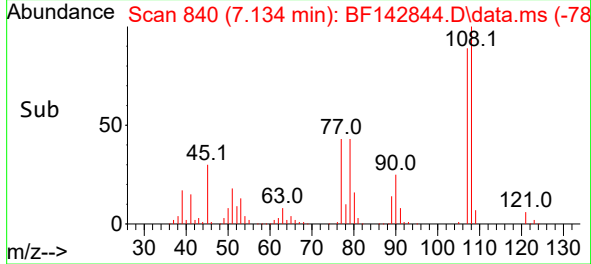
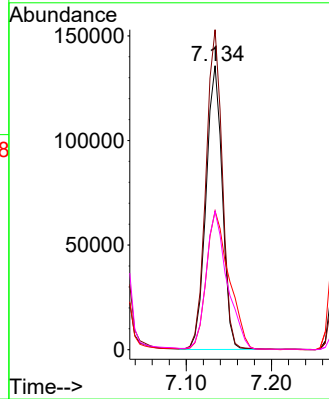
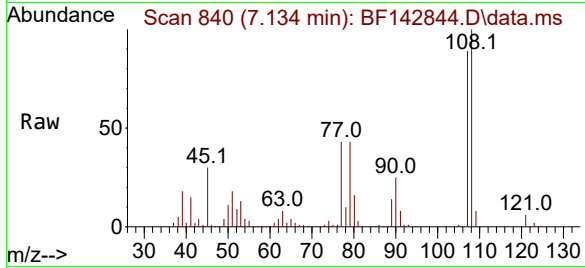




#17
2-Methylphenol
Concen: 42.335 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

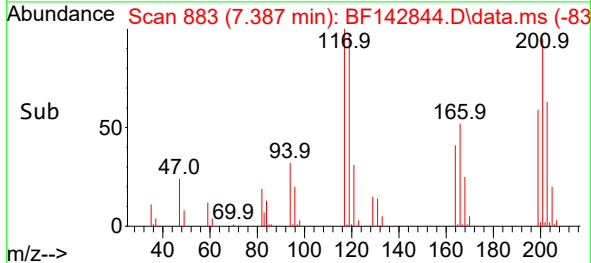
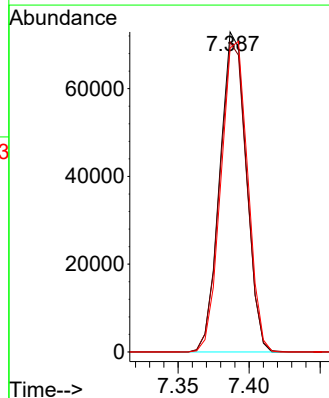
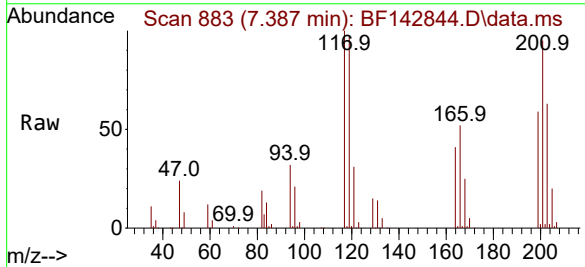
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

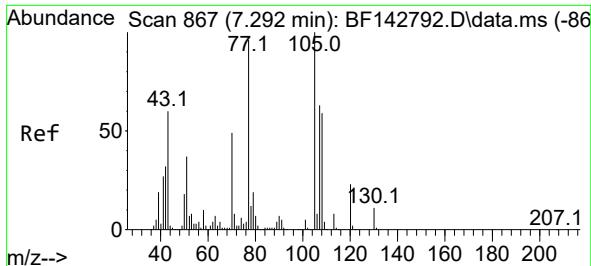
Tgt Ion:	107	Resp:	180490
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	48.9	37.3	55.9
79	48.7	37.2	55.8



#18
Hexachloroethane
Concen: 42.576 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:	117	Resp:	94535
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	95.0	75.9	113.9

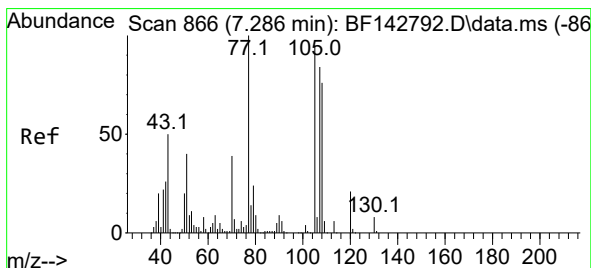
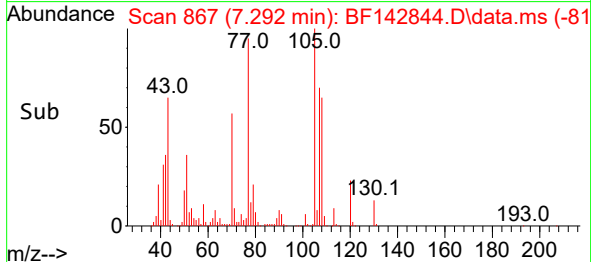
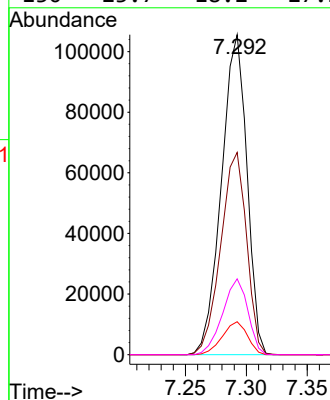
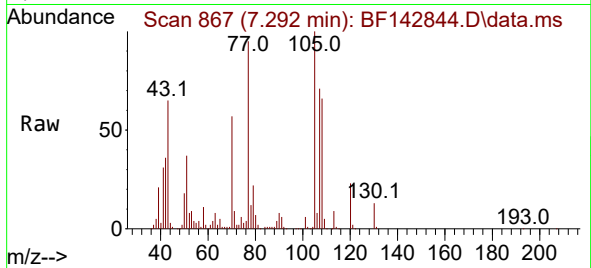




#19
n-Nitroso-di-n-propylamine
Concen: 42.980 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

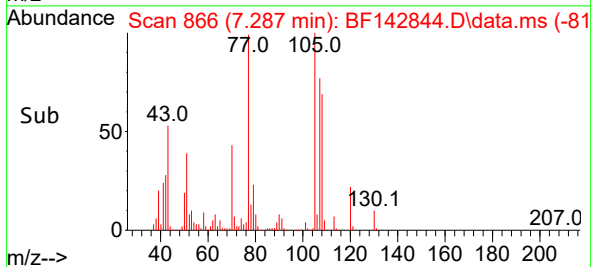
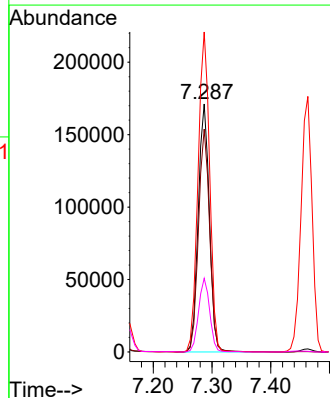
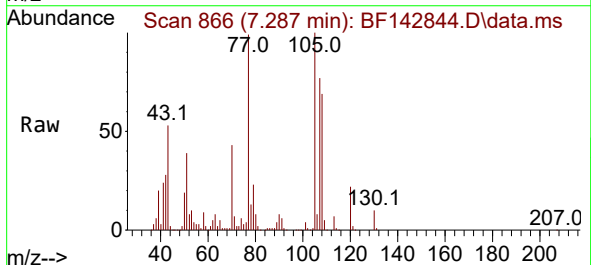
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

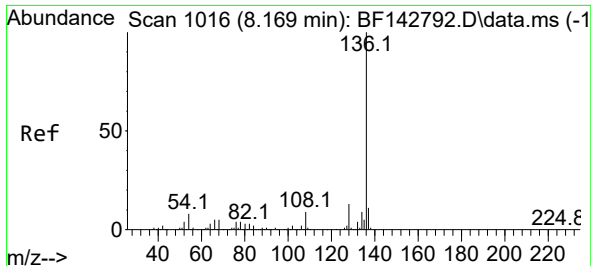
Tgt Ion: 70 Resp: 153811
Ion Ratio Lower Upper
70 100
42 63.2 52.1 78.1
101 10.3 8.2 12.2
130 23.7 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.519 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:107 Resp: 226021
Ion Ratio Lower Upper
107 100
108 89.8 70.0 110.0
77 129.0 98.5 138.5
79 29.7 8.8 48.8

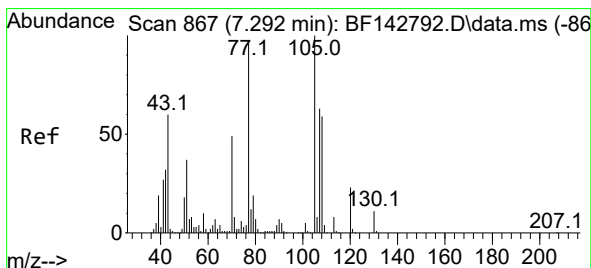
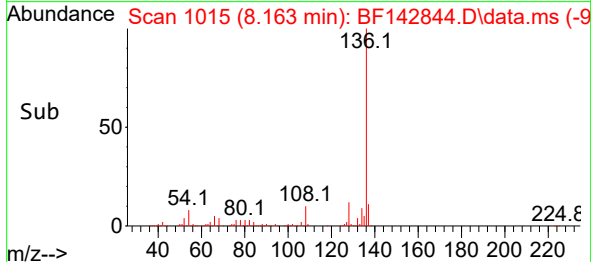
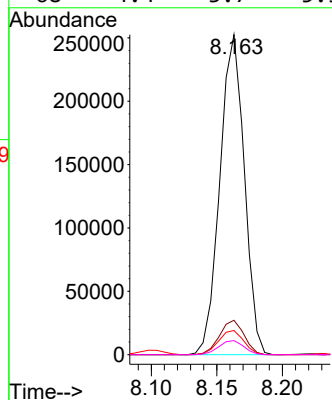
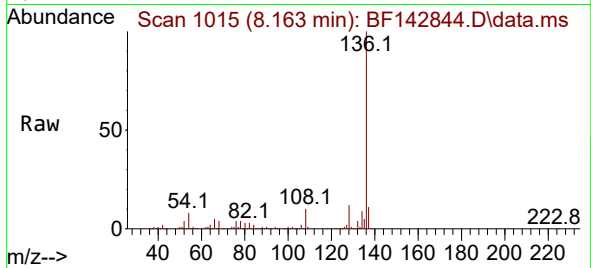




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

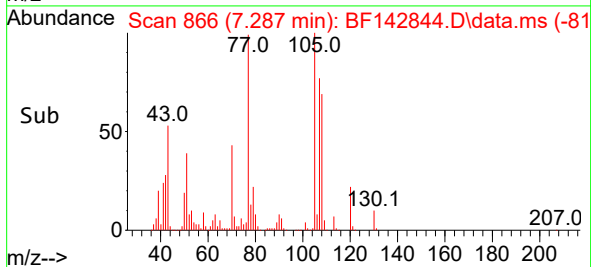
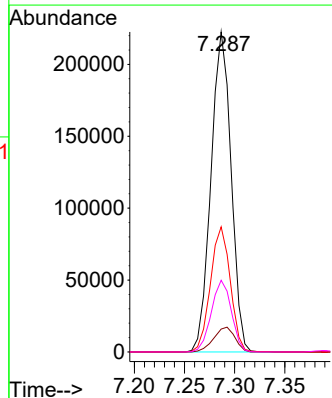
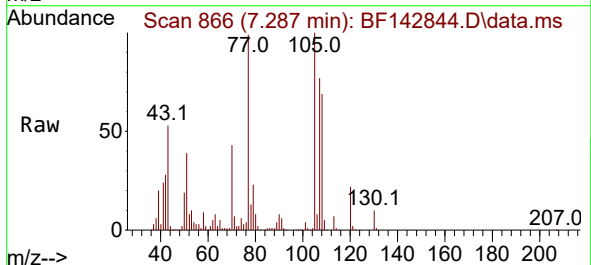
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

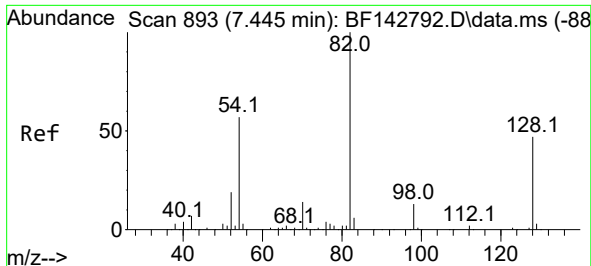
Tgt Ion:136 Resp: 327352
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 43.076 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:105 Resp: 310952
Ion Ratio Lower Upper
105 100
71 7.2 6.5 9.7
51 39.1 29.8 44.8
120 22.4 18.2 27.2

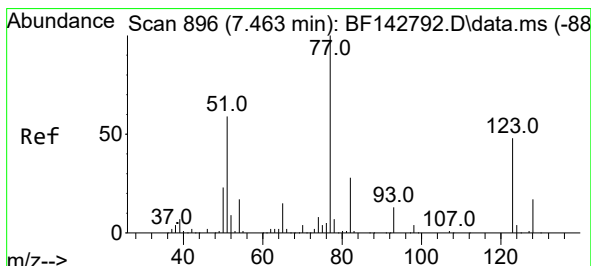
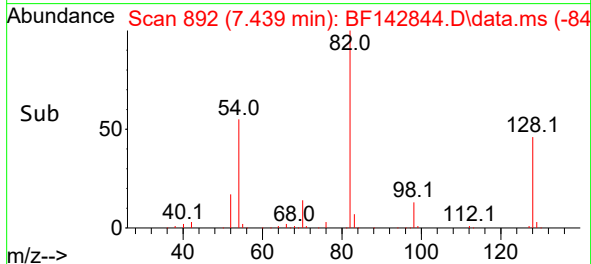
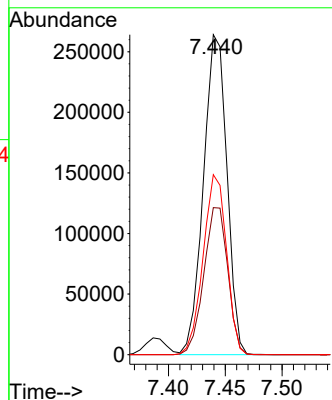
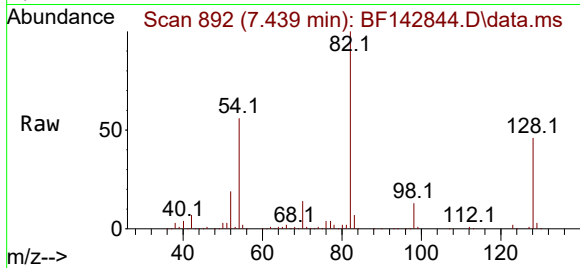




#23
Nitrobenzene-d5
Concen: 63.624 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

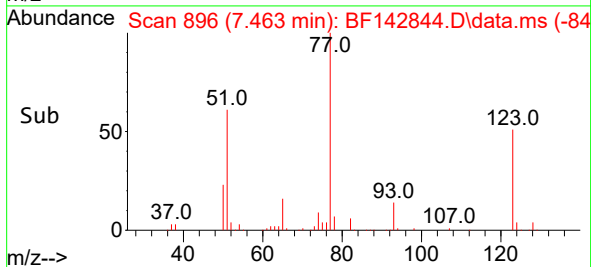
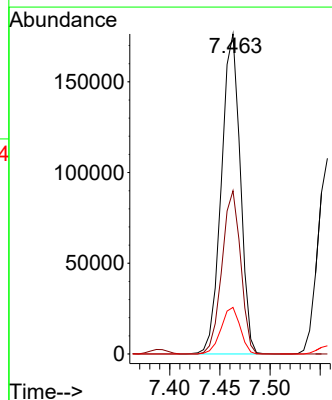
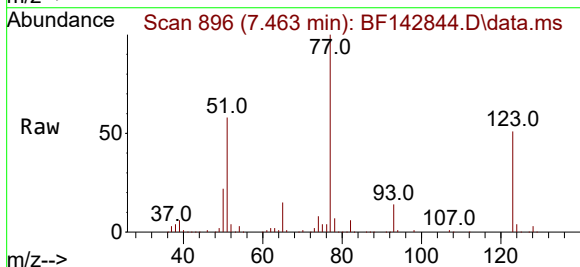
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

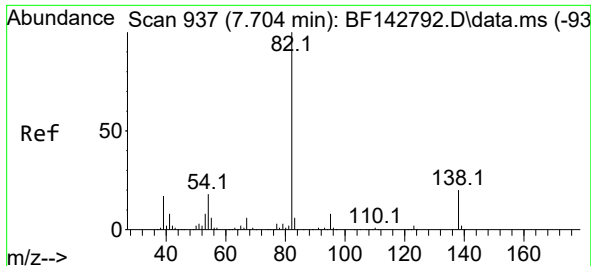
Tgt Ion: 82 Resp: 379709
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 56.2 45.7 68.5



#24
Nitrobenzene
Concen: 42.648 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 77 Resp: 230370
Ion Ratio Lower Upper
77 100
123 51.0 39.2 58.8
65 14.6 11.6 17.4

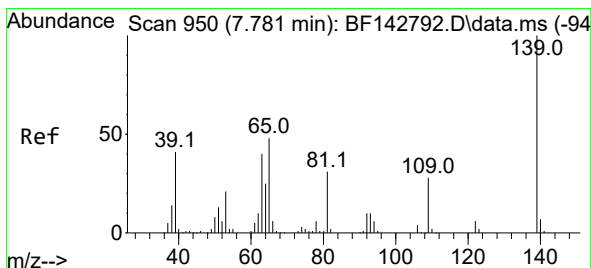
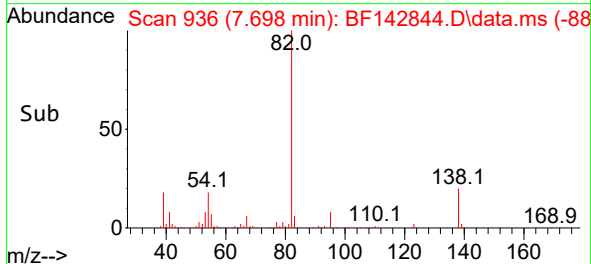
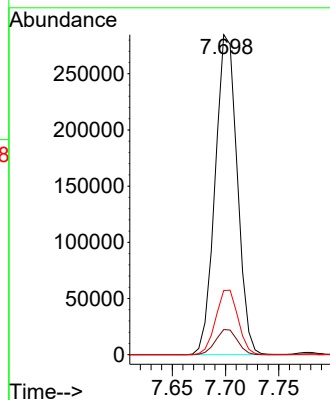
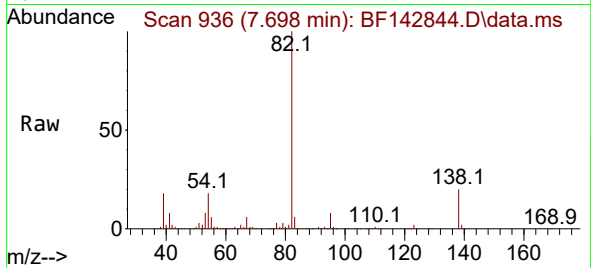




#25
Isophorone
Concen: 42.823 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

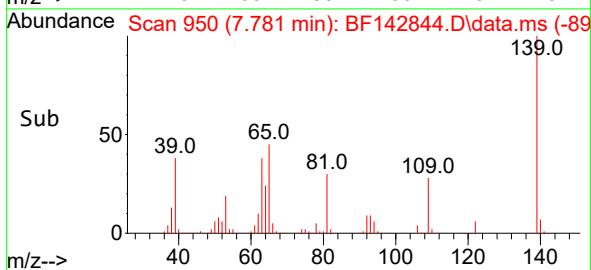
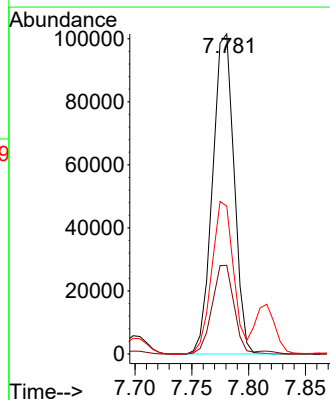
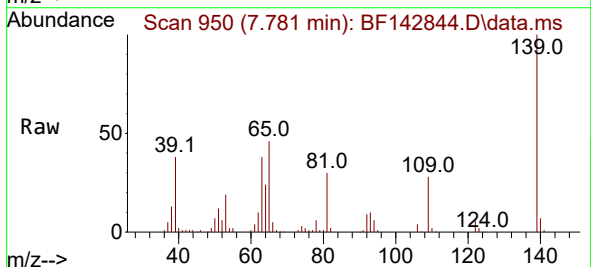
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

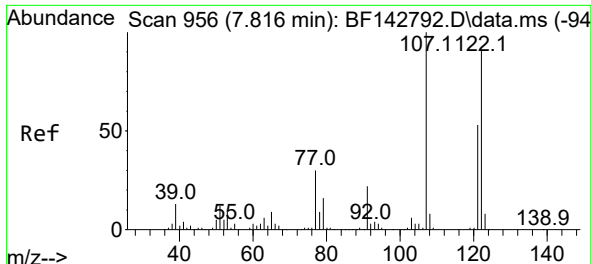
Tgt Ion: 82 Resp: 409972
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 45.428 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:139 Resp: 133671
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 46.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.789 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

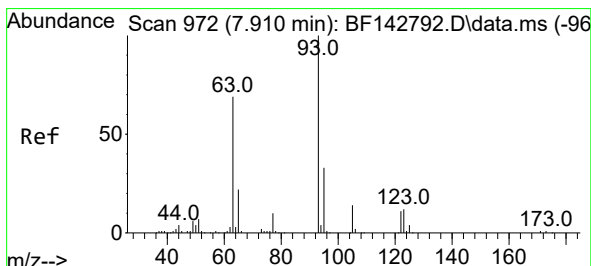
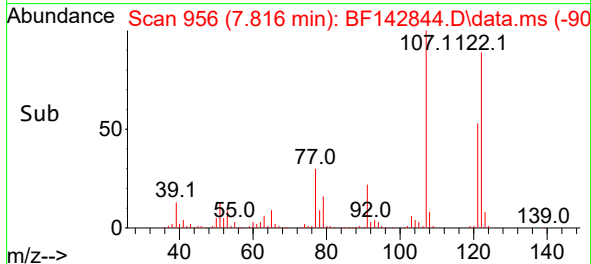
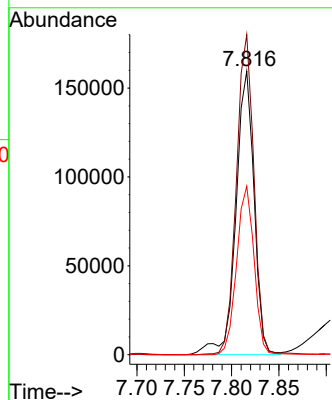
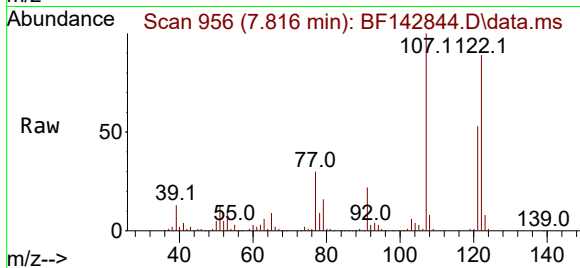
Tgt Ion:122 Resp: 212994

Ion Ratio Lower Upper

122 100

107 112.8 88.0 132.0

121 59.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.132 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

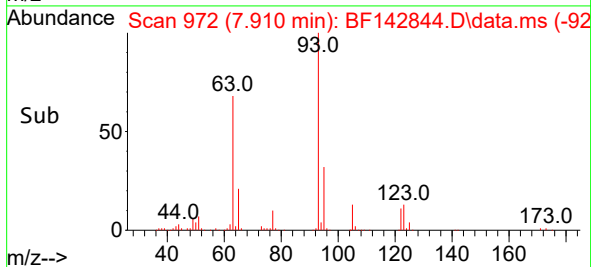
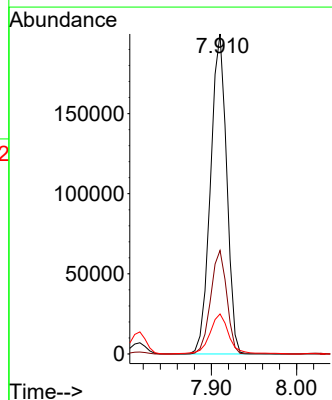
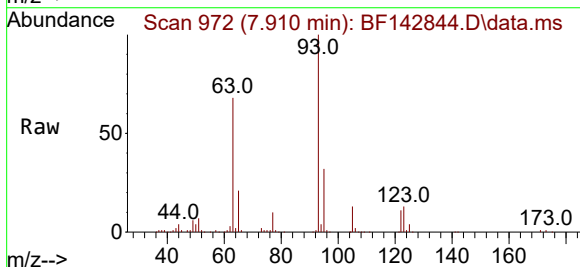
Tgt Ion: 93 Resp: 262521

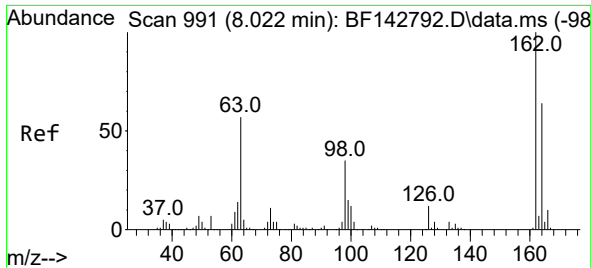
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.886 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

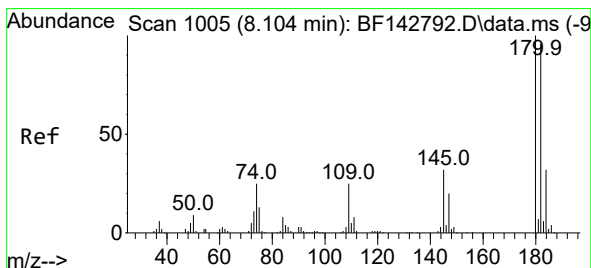
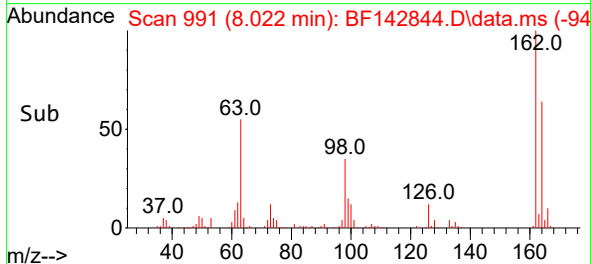
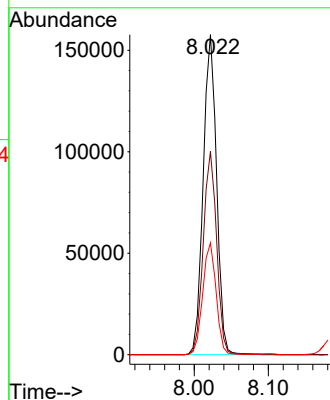
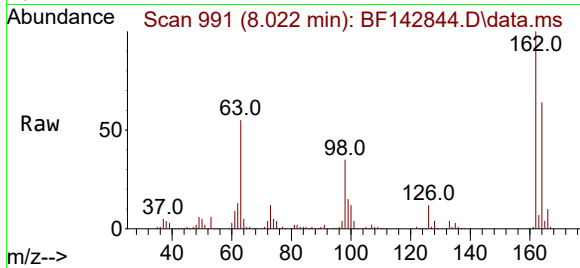
Tgt Ion:162 Resp: 198199

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.738 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

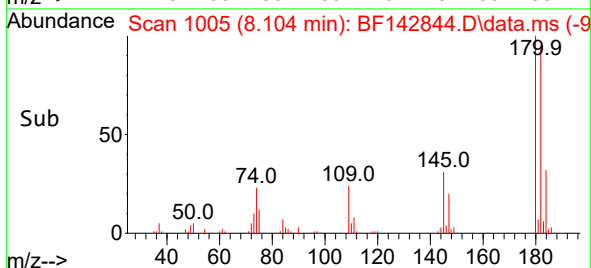
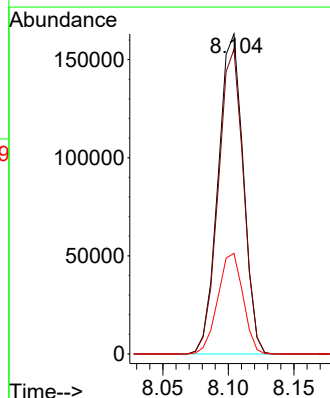
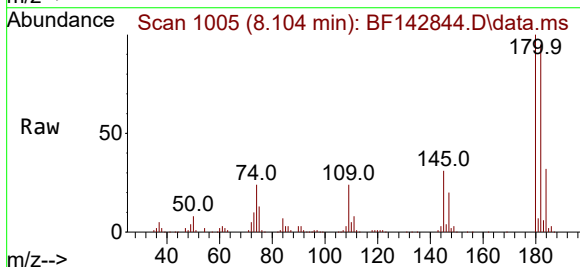
Tgt Ion:180 Resp: 217187

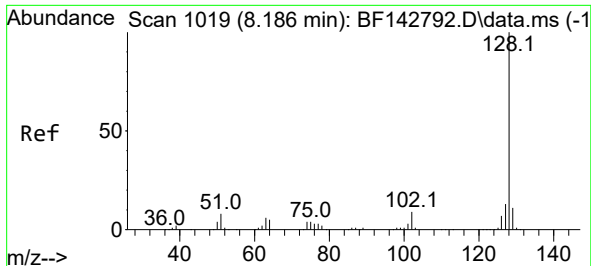
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 31.4 25.8 38.8

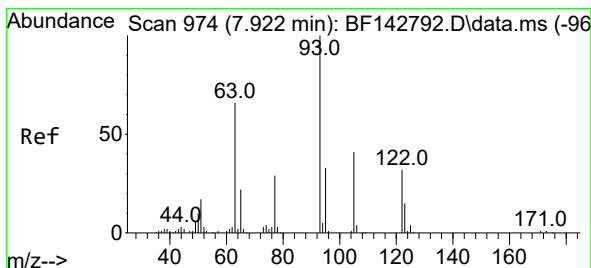
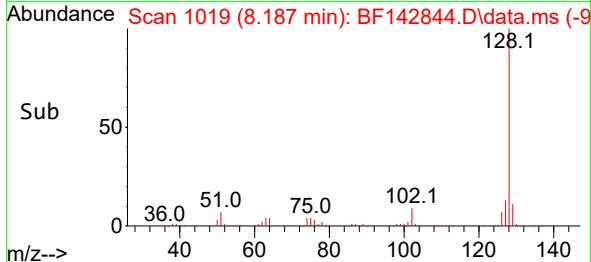
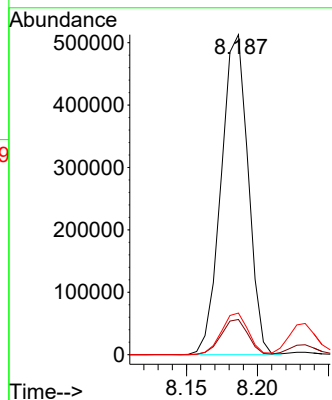
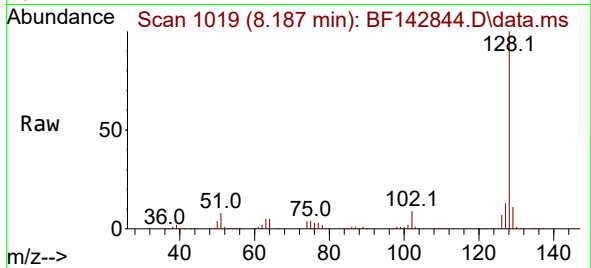




#31
Naphthalene
Concen: 42.229 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

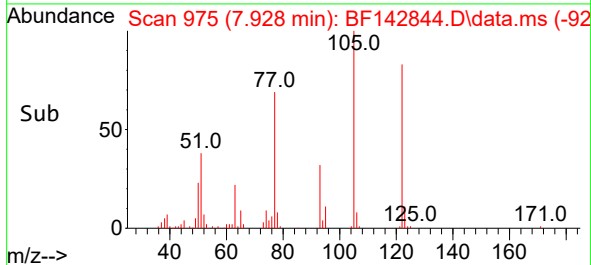
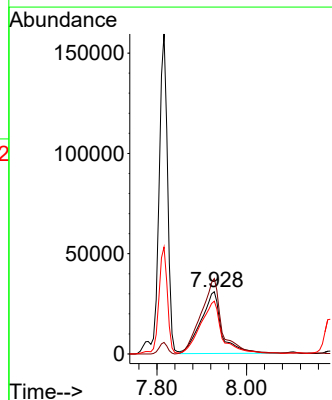
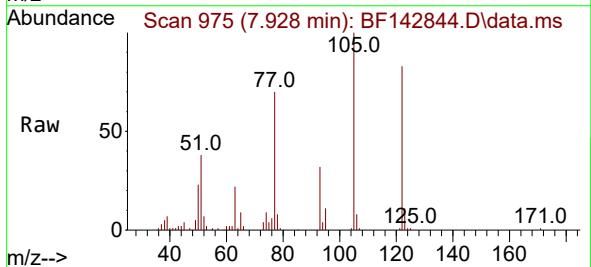
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

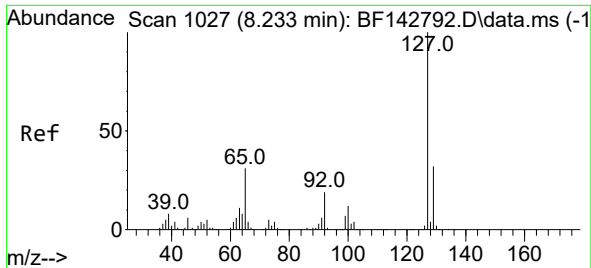
Tgt Ion:128 Resp: 676656
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 38.327 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:122 Resp: 99567
Ion Ratio Lower Upper
122 100
105 121.0 104.7 144.7
77 84.8 70.2 110.2

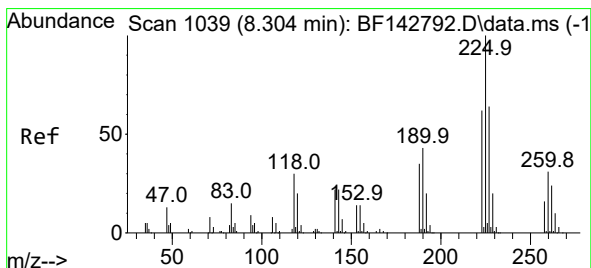
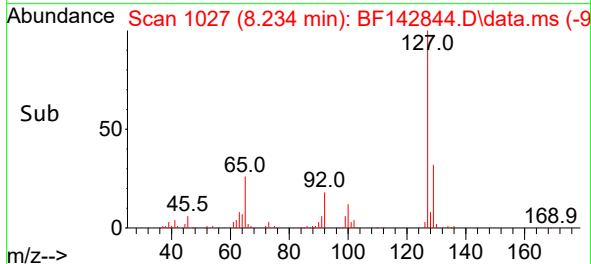
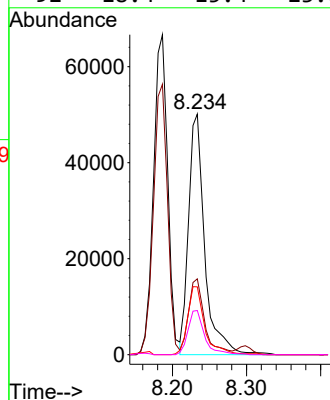
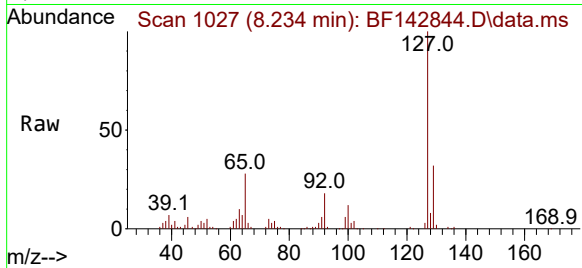




#33
4-Chloroaniline
Concen: 11.735 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

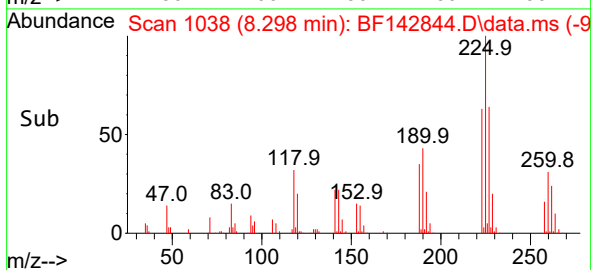
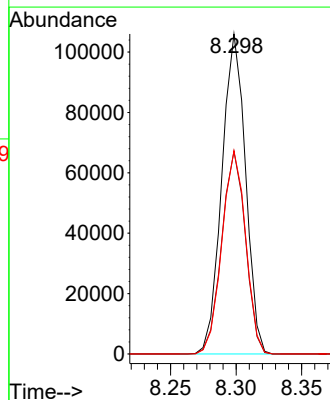
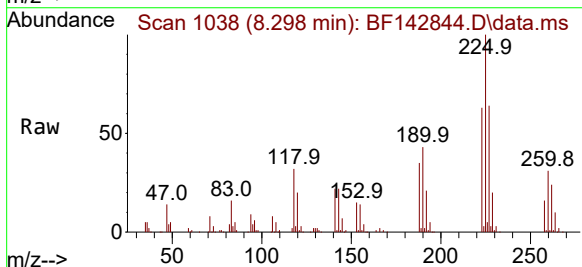
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

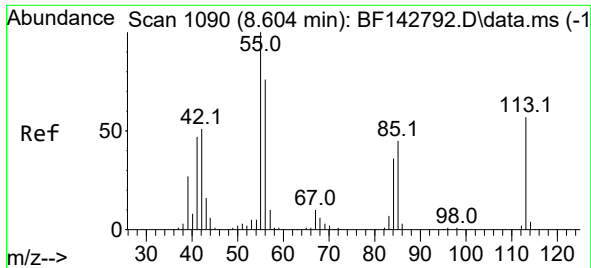
Tgt Ion:	127	Resp:	76461
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.2	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.757 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:	225	Resp:	132910
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.5	51.4	77.0

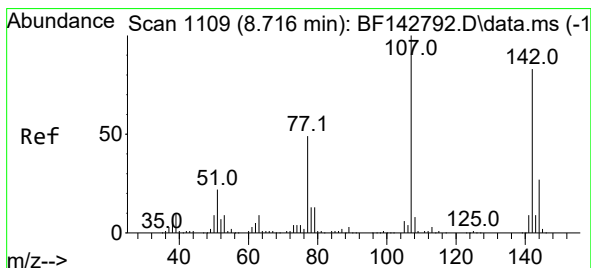
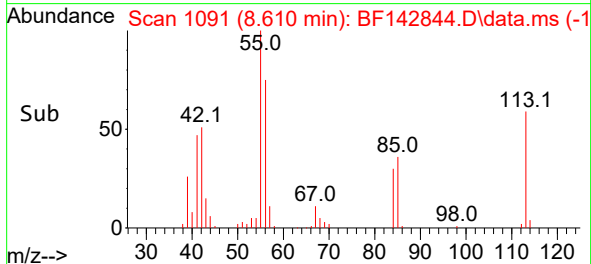
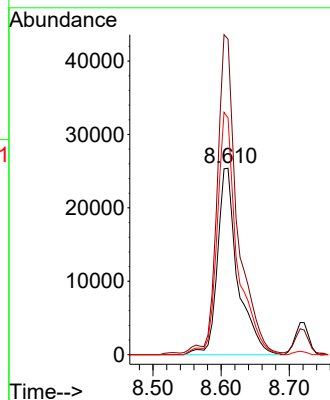
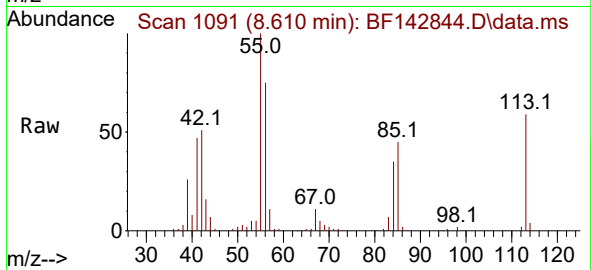




#35
 Caprolactam
 Concen: 42.938 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

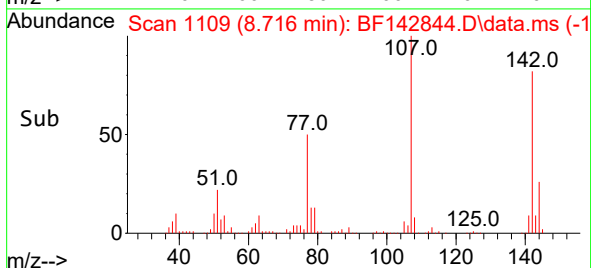
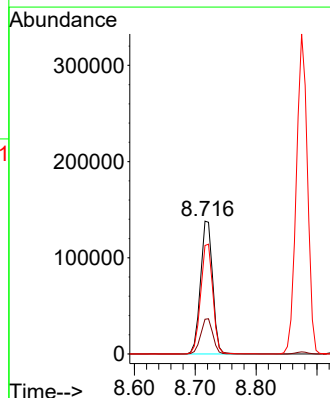
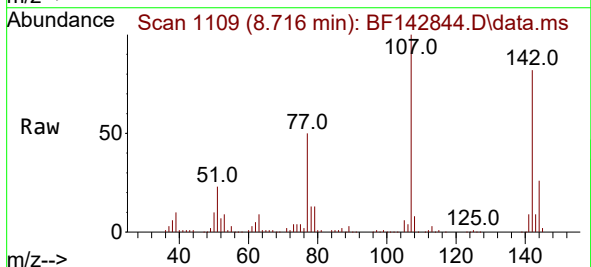
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMSD

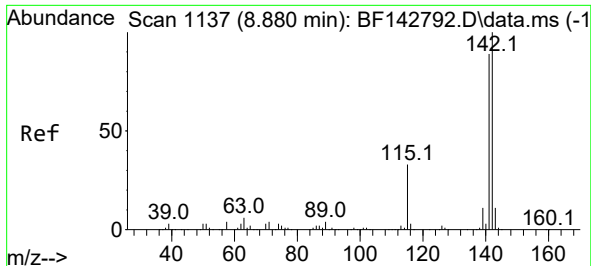
Tgt Ion:113 Resp: 52363
 Ion Ratio Lower Upper
 113 100
 55 169.2 154.4 194.4
 56 127.0 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.966 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

Tgt Ion:107 Resp: 192750
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.3 31.9
 142 81.7 66.6 100.0

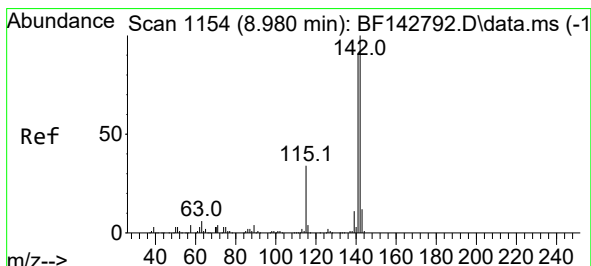
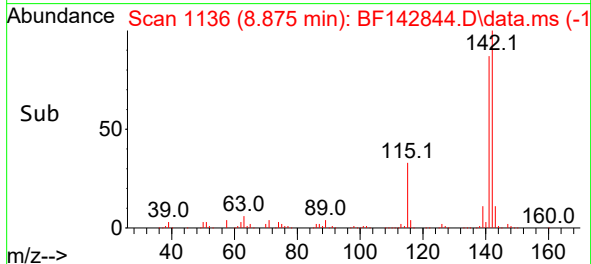
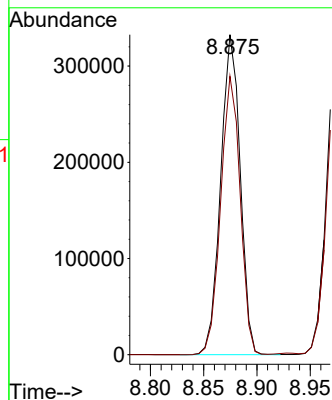
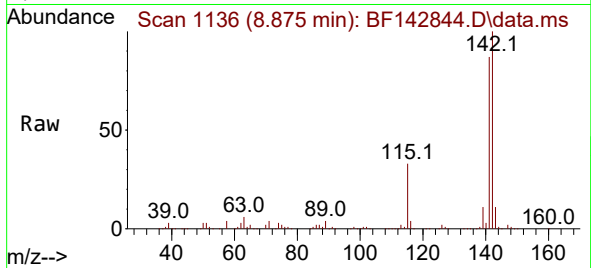




#37
2-Methylnaphthalene
Concen: 42.581 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

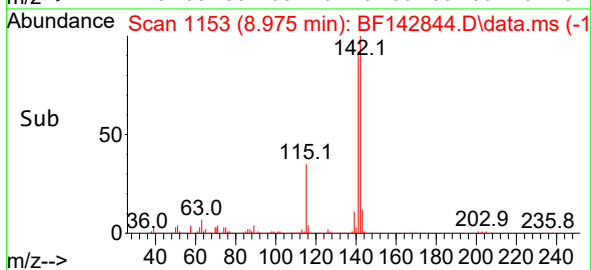
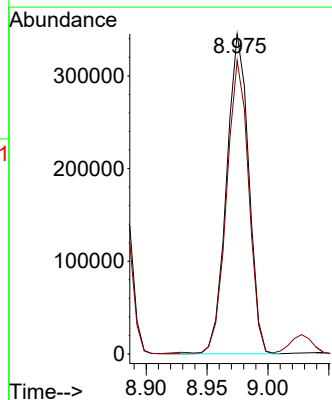
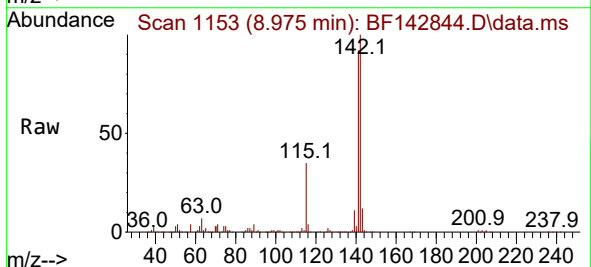
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

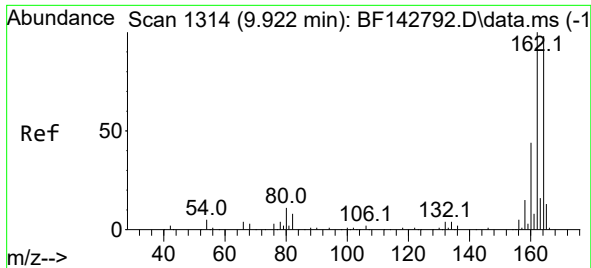
Tgt Ion:142 Resp: 422995
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.256 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:142 Resp: 434533
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

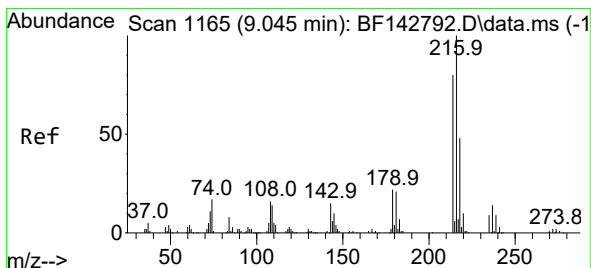
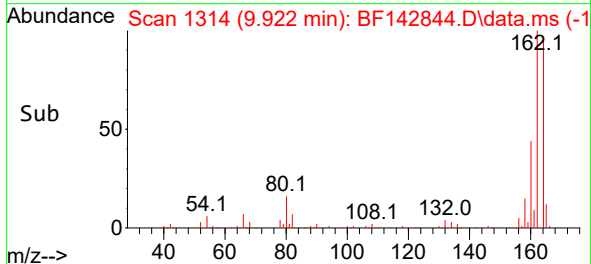
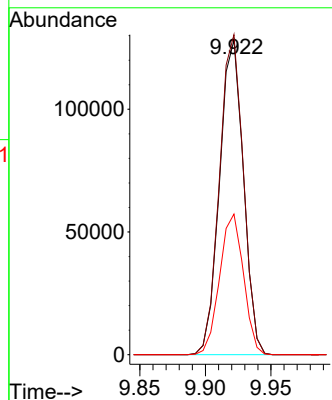
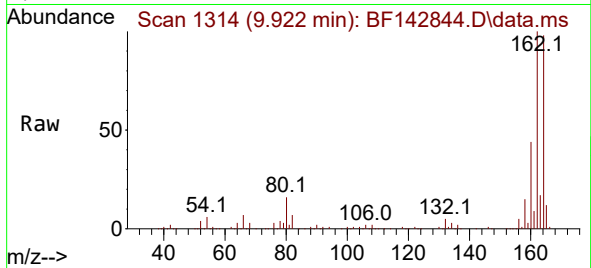




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

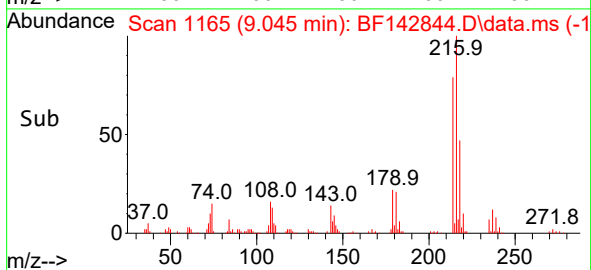
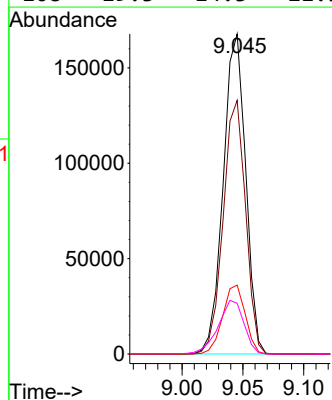
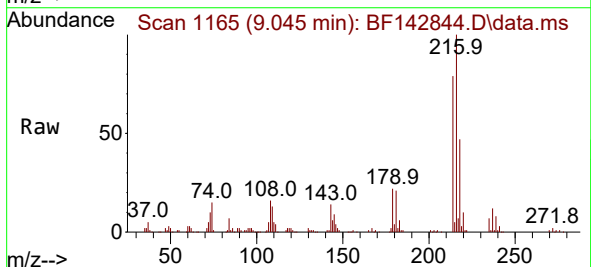
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

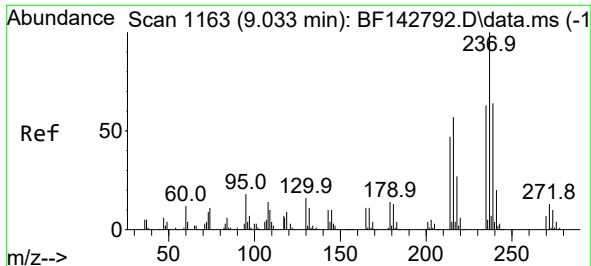
Tgt Ion:164 Resp: 161732
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.080 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:216 Resp: 215130
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.7 17.6 26.4
108 19.3 14.3 21.5

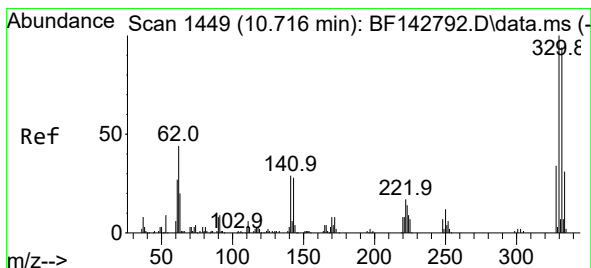
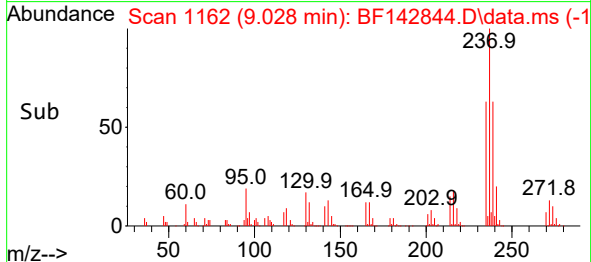
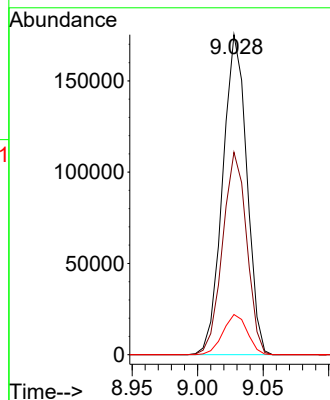
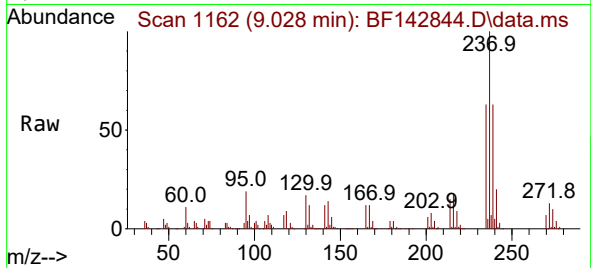




#41
Hexachlorocyclopentadiene
Concen: 82.757 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

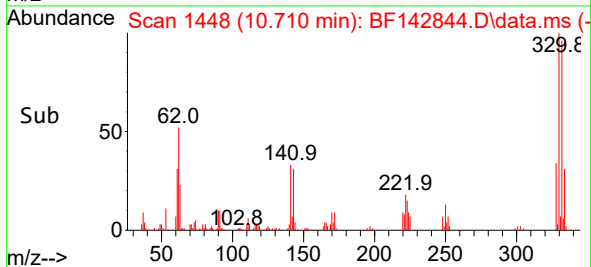
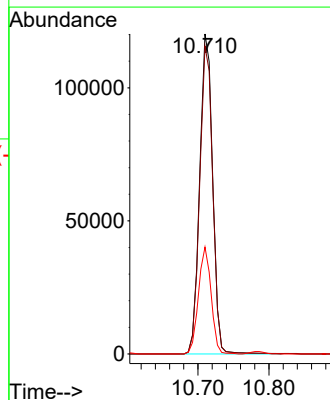
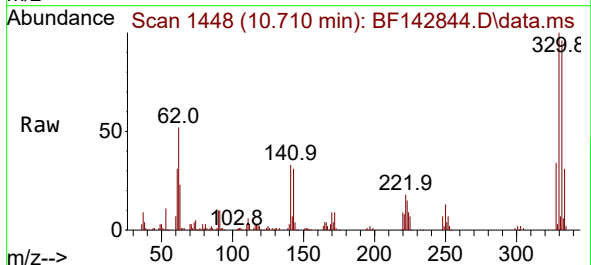
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

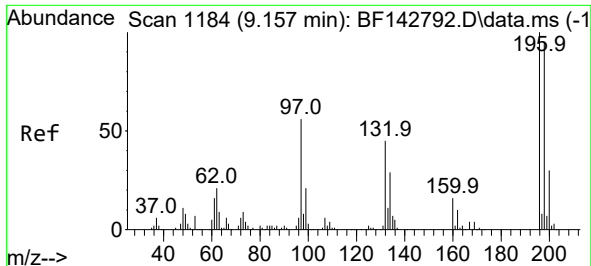
Tgt Ion:237 Resp: 224115
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 91.833 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:330 Resp: 152841
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 32.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 44.112 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

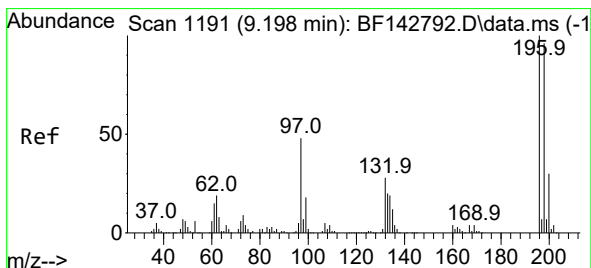
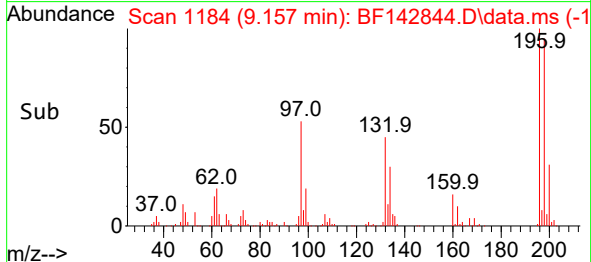
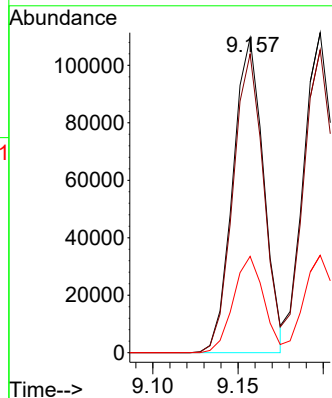
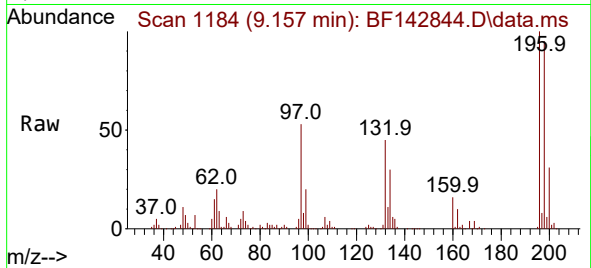
Tgt Ion:196 Resp: 137174

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 30.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.953 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Tgt Ion:196 Resp: 140604

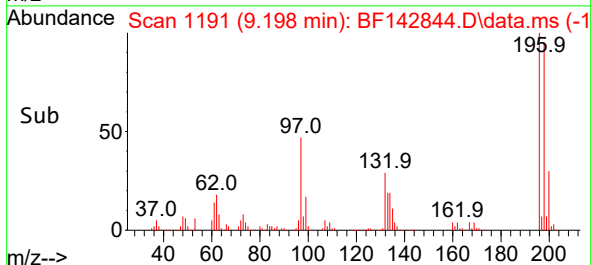
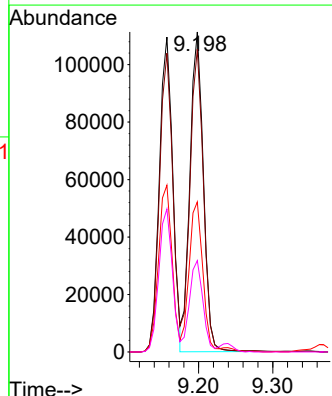
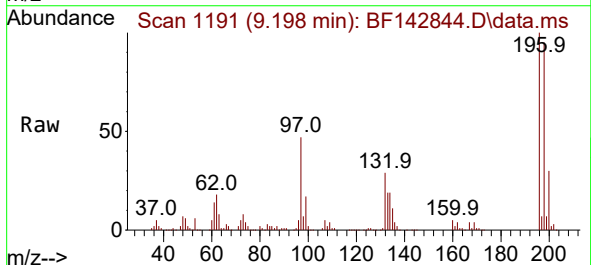
Ion Ratio Lower Upper

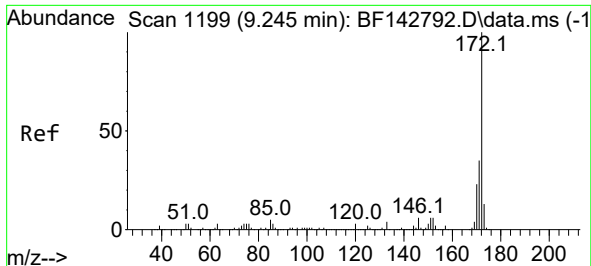
196 100

198 94.7 76.6 115.0

97 46.9 38.2 57.2

132 28.6 23.4 35.0

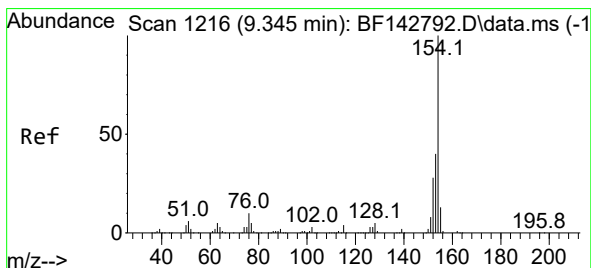
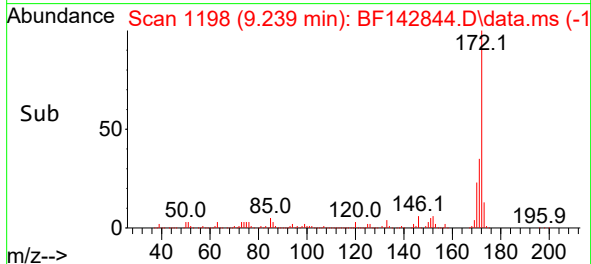
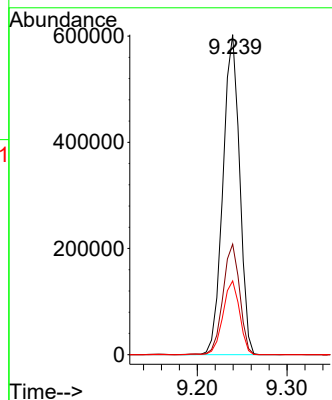
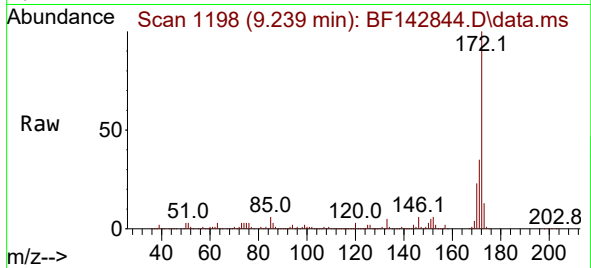




#45
2-Fluorobiphenyl
Concen: 63.101 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

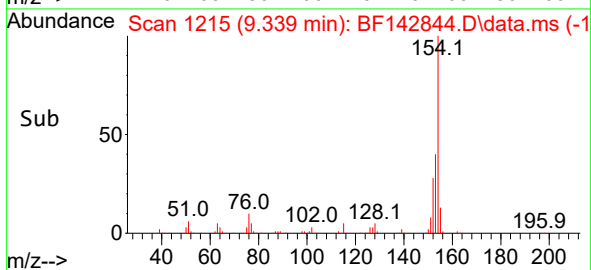
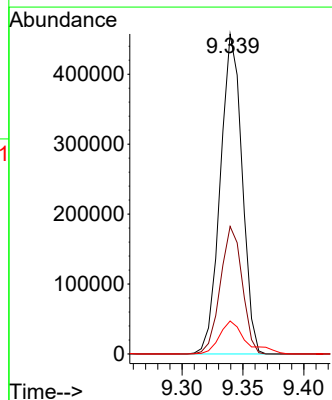
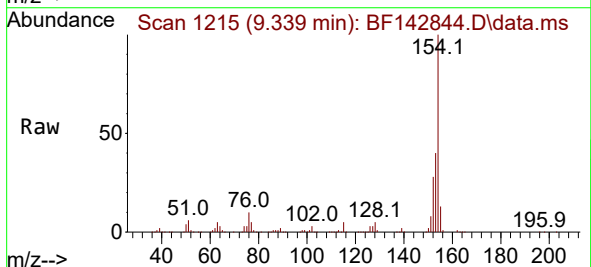
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

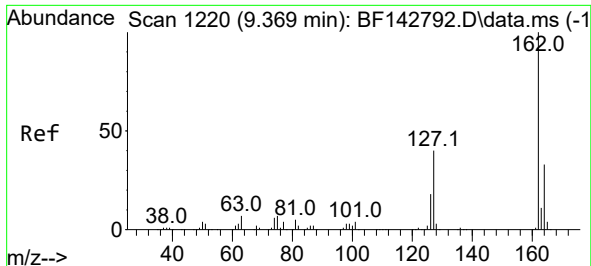
Tgt Ion:172 Resp: 776863
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.0 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.557 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:154 Resp: 569253
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 10.3 0.0 30.3

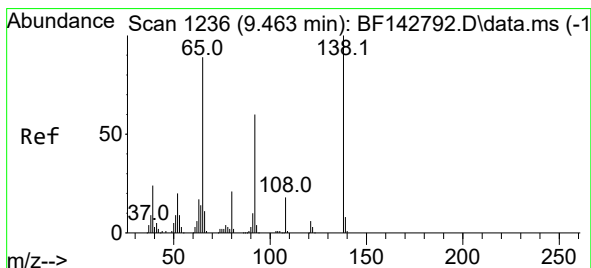
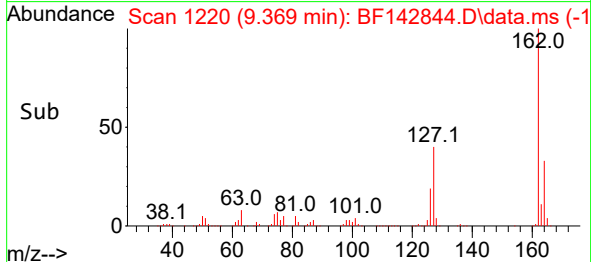
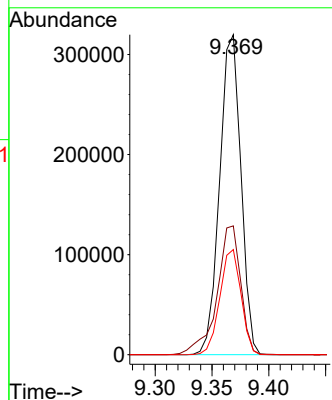
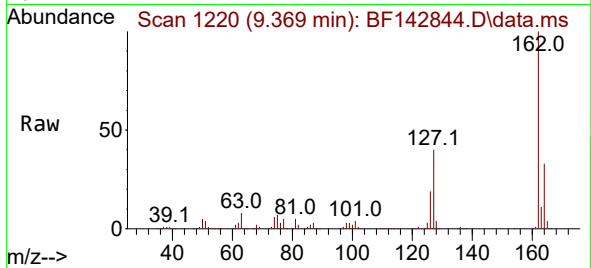




#47
2-Chloronaphthalene
Concen: 43.481 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

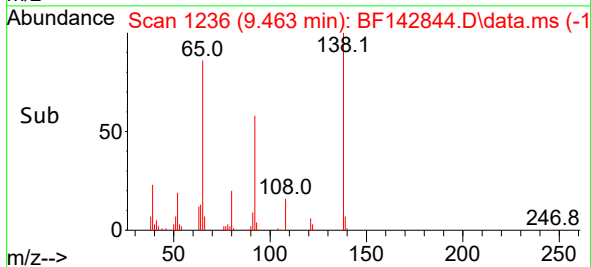
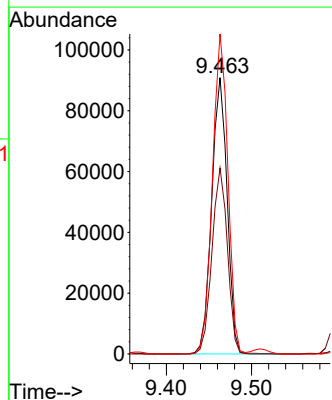
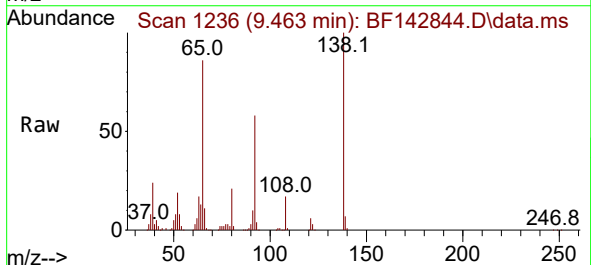
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

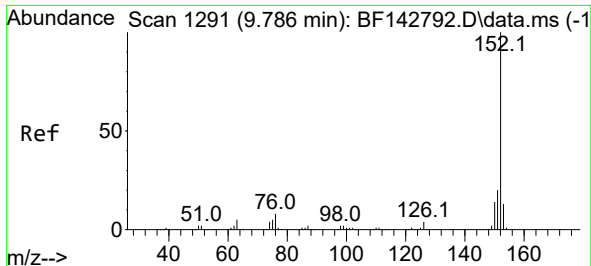
Tgt Ion:162 Resp: 416871
Ion Ratio Lower Upper
162 100
127 40.3 32.2 48.2
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 42.709 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion: 65 Resp: 114797
Ion Ratio Lower Upper
65 100
92 67.3 53.8 80.6
138 115.8 89.6 134.4

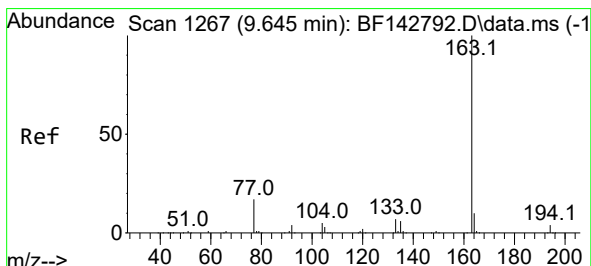
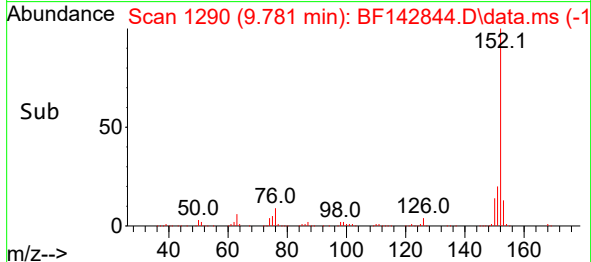
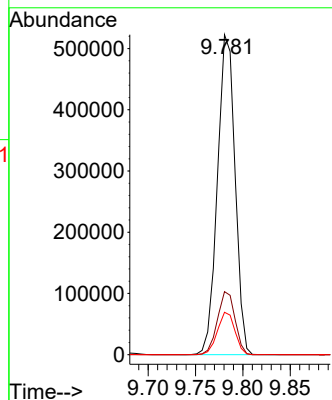
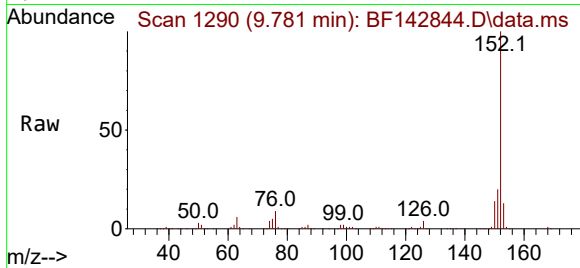




#49
Acenaphthylene
Concen: 42.918 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

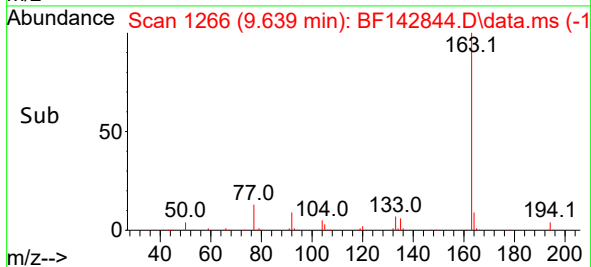
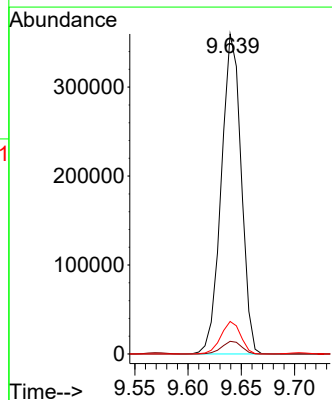
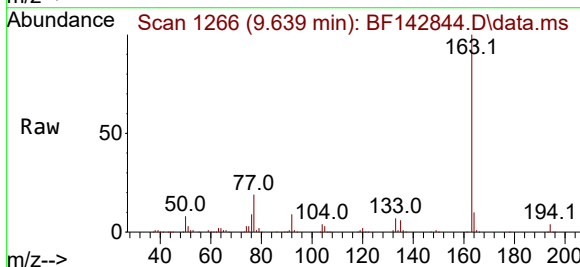
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

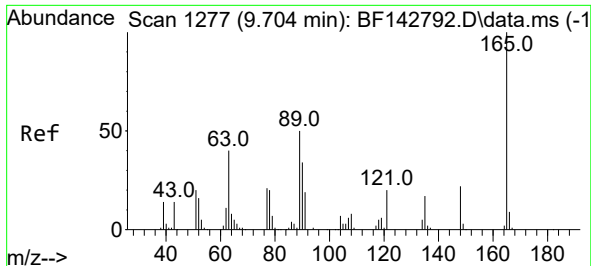
Tgt Ion:152 Resp: 677374
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 44.548 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:163 Resp: 466375
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.0 12.0

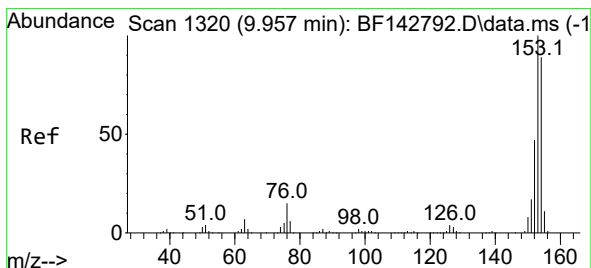
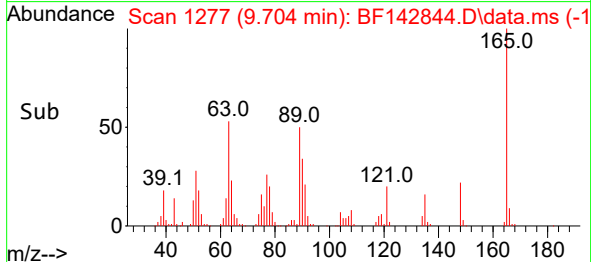
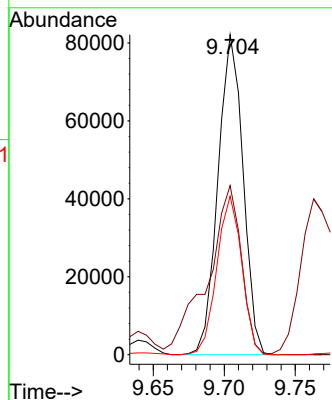
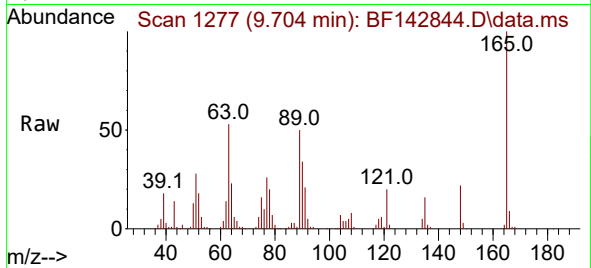




#51
2,6-Dinitrotoluene
Concen: 43.733 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

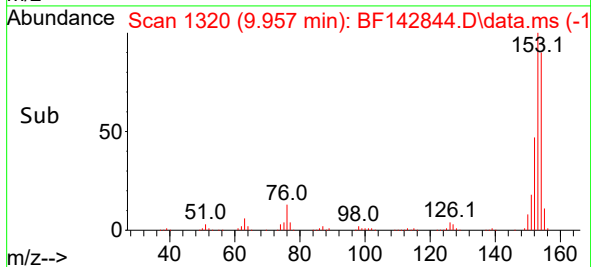
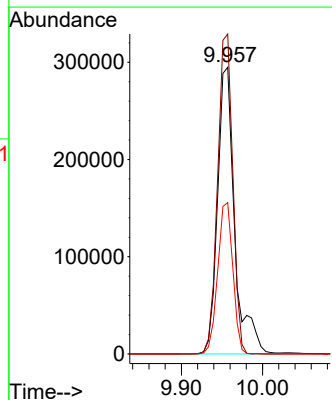
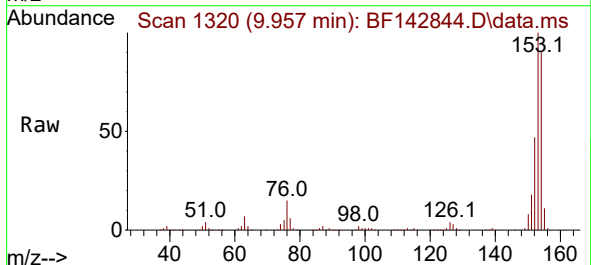
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

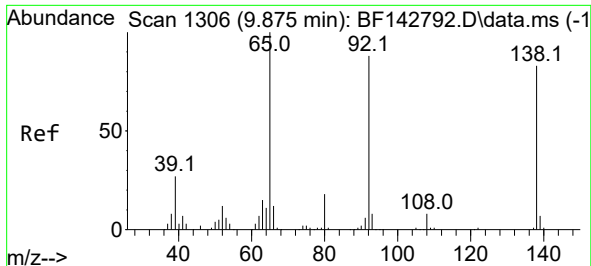
Tgt Ion:165 Resp: 100547
Ion Ratio Lower Upper
165 100
63 52.8 44.2 66.4
89 49.5 39.8 59.8



#52
Acenaphthene
Concen: 45.027 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

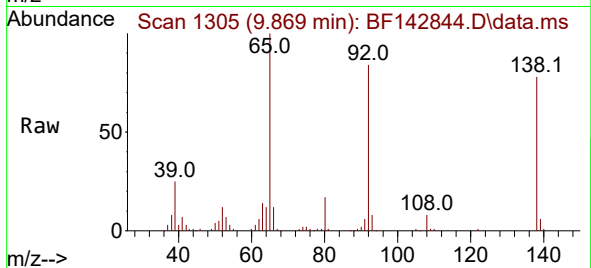
Tgt Ion:154 Resp: 433591
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 52.8 41.9 62.9



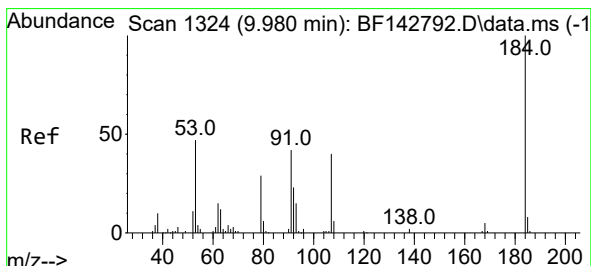
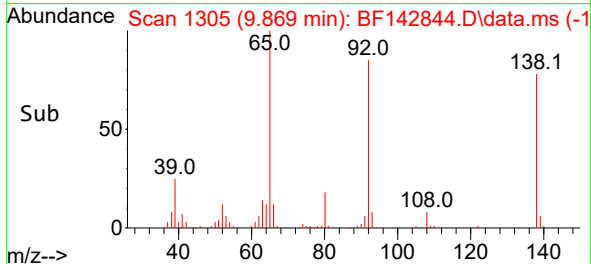
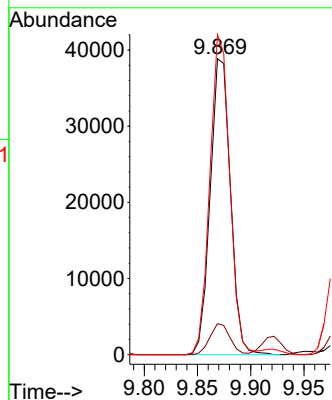


#53
3-Nitroaniline
Concen: 20.274 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

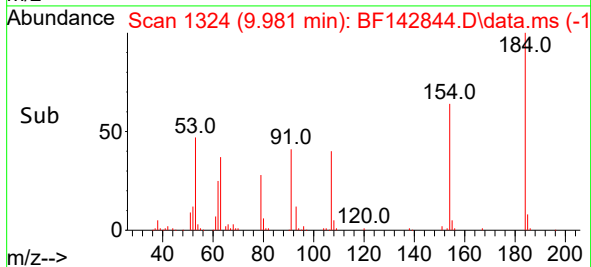
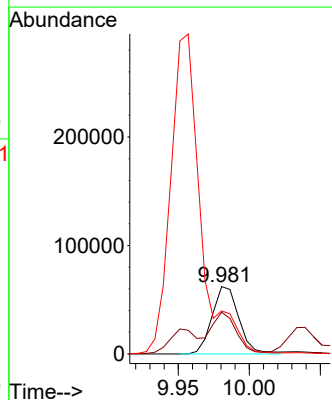
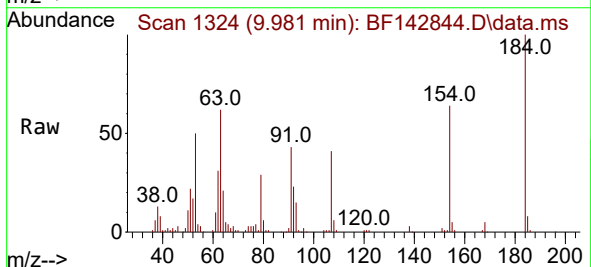


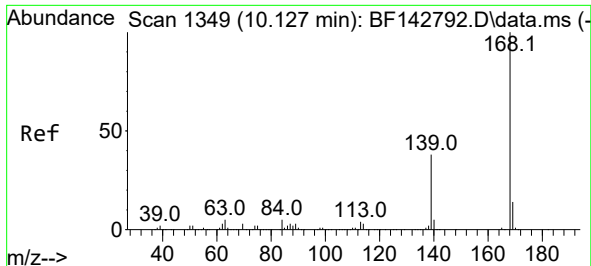
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.1	12.1
92	108.1	85.1	127.7



#54
2,4-Dinitrophenol
Concen: 71.158 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	50.6	75.8
154	63.9	51.8	77.8

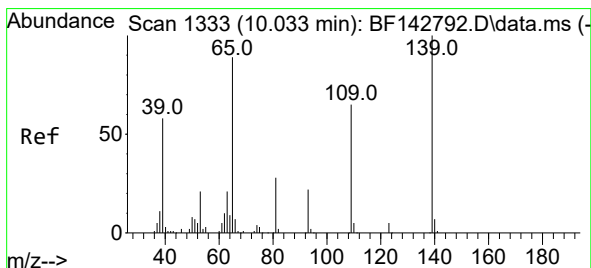
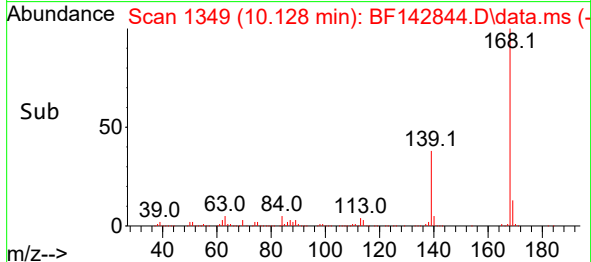
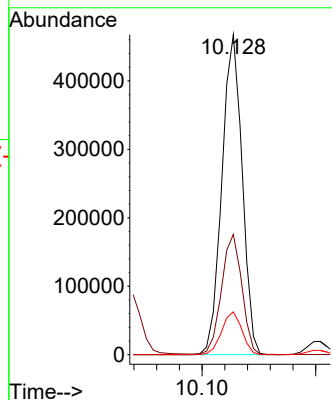
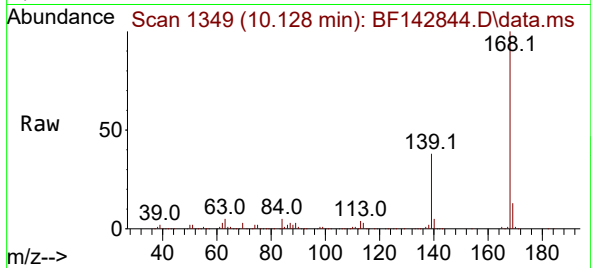




#55
Dibenzenofuran
Concen: 41.931 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

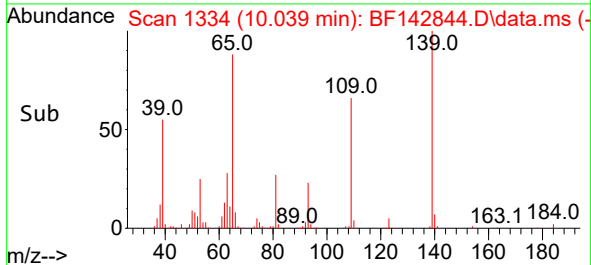
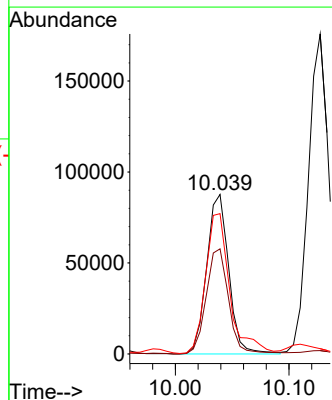
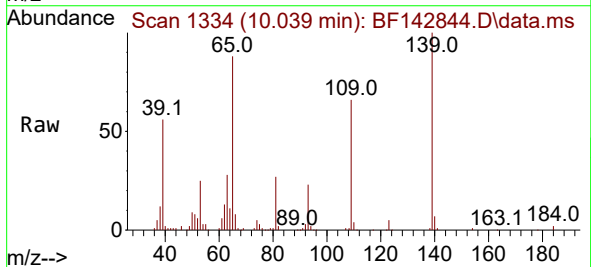
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

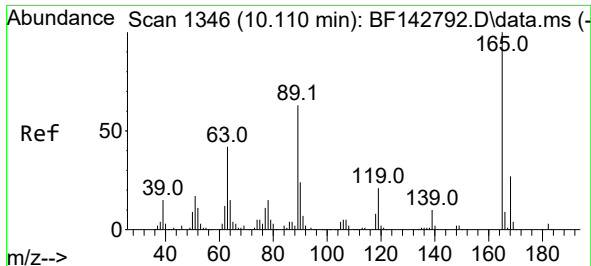
Tgt Ion:168 Resp: 578999
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 68.321 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:139 Resp: 118397
Ion Ratio Lower Upper
139 100
109 65.9 44.7 84.7
65 88.0 69.8 109.8

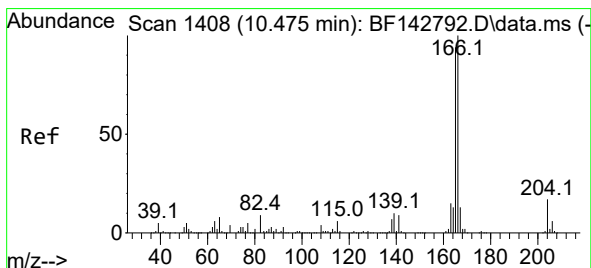
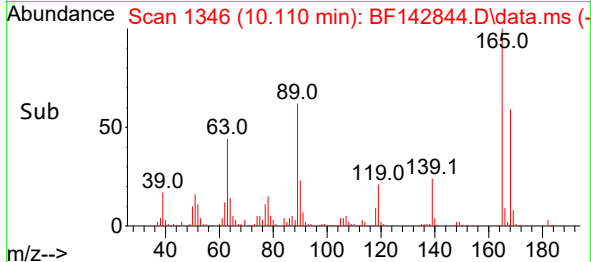
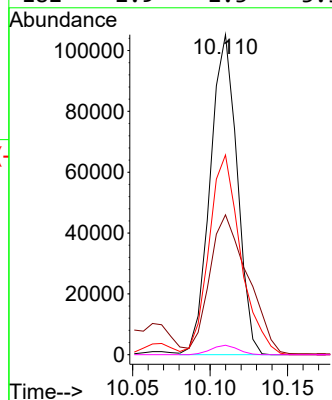
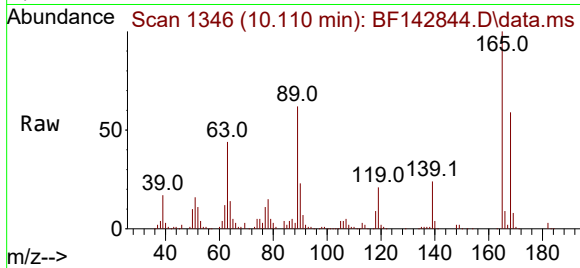




#57
2,4-Dinitrotoluene
Concen: 41.679 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

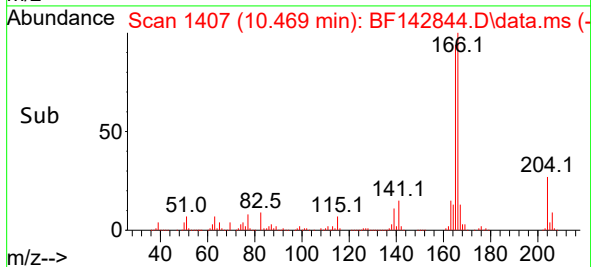
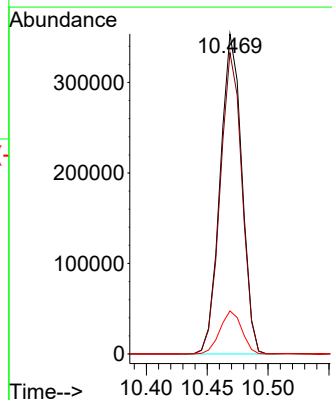
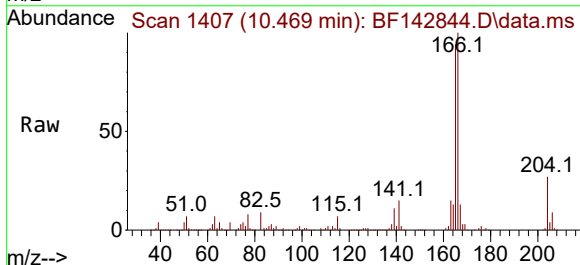
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

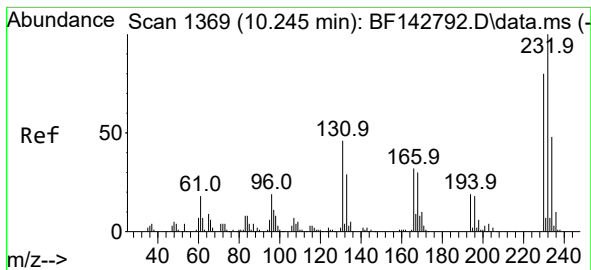
Tgt Ion:165 Resp: 127282
Ion Ratio Lower Upper
165 100
63 43.7 33.9 50.9
89 62.4 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 40.624 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:166 Resp: 438096
Ion Ratio Lower Upper
166 100
165 94.2 75.2 112.8
167 13.5 10.6 15.8

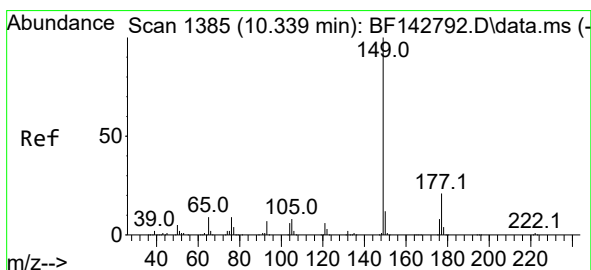
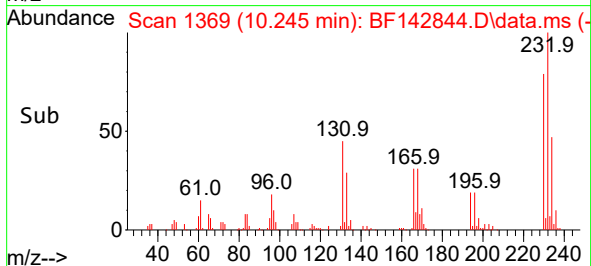
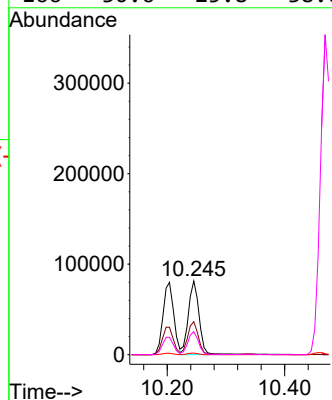
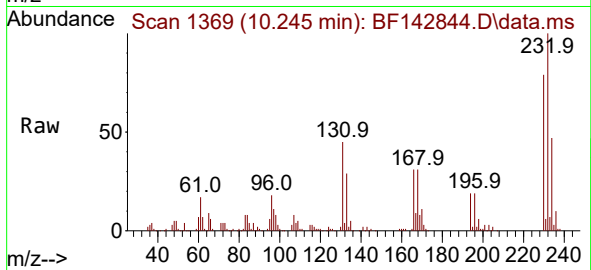




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.105 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

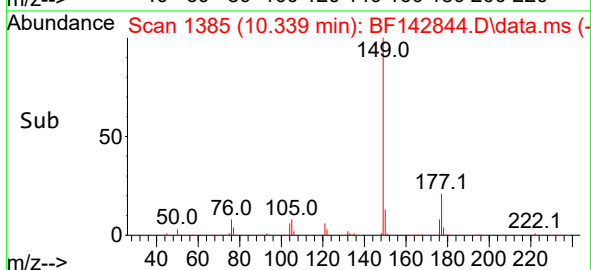
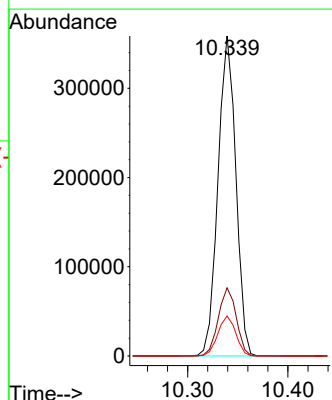
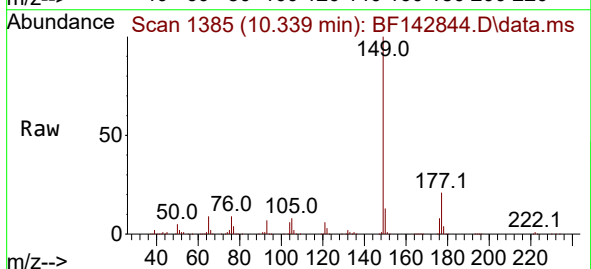
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

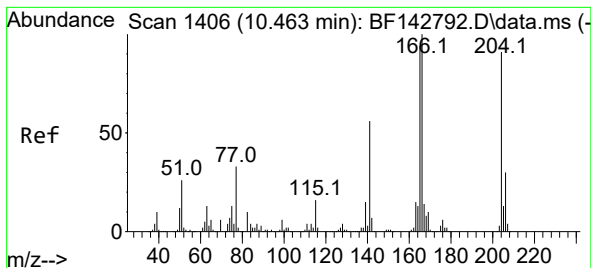
Tgt Ion:232 Resp: 103184
Ion Ratio Lower Upper
232 100
131 45.1 37.6 56.4
130 2.1 1.7 2.5
166 30.6 25.8 38.6



#60
Diethylphthalate
Concen: 43.110 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:149 Resp: 442512
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.5 9.8 14.6

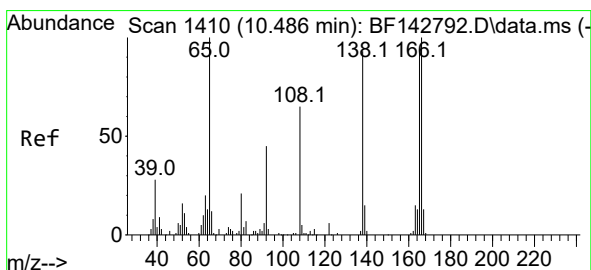
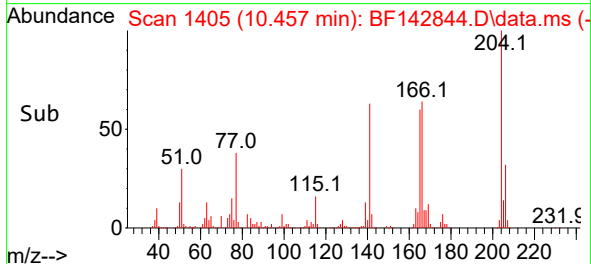
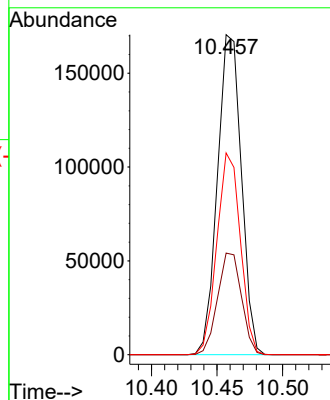
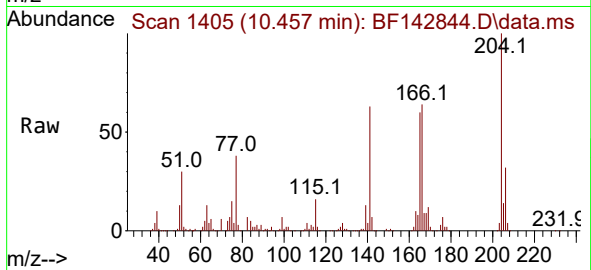




#61
4-Chlorophenyl-phenylether
Concen: 42.059 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

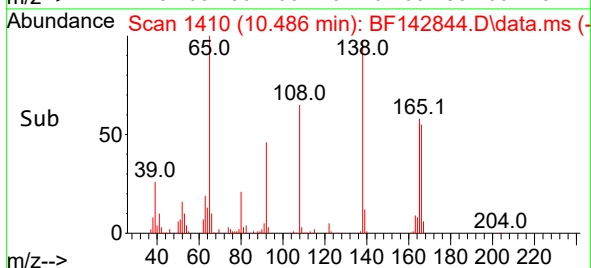
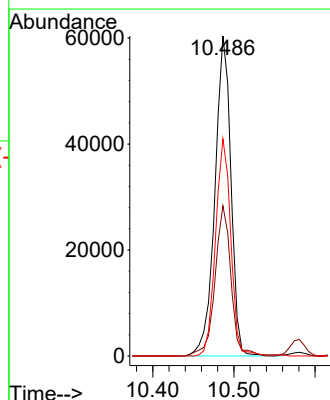
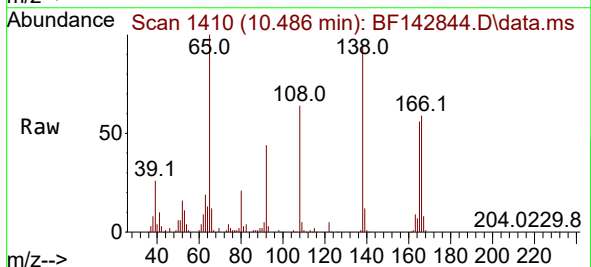
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

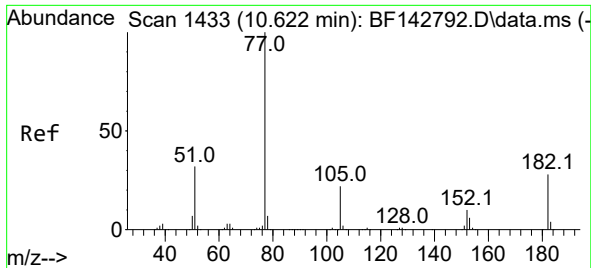
Tgt Ion:204 Resp: 216441
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 35.904 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:138 Resp: 83121
Ion Ratio Lower Upper
138 100
92 46.9 28.4 68.4
108 67.8 50.2 90.2

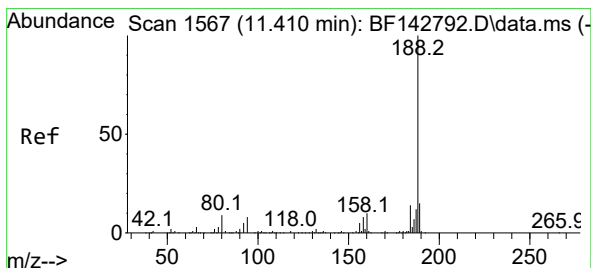
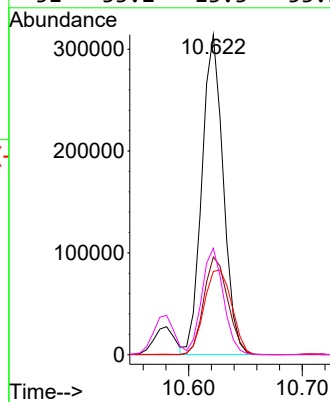
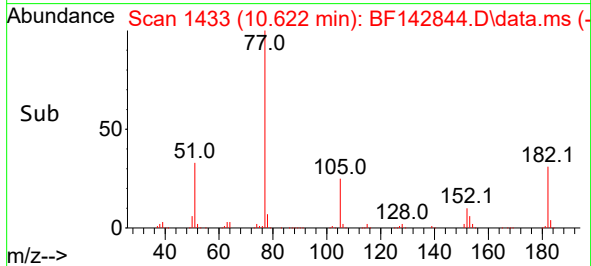
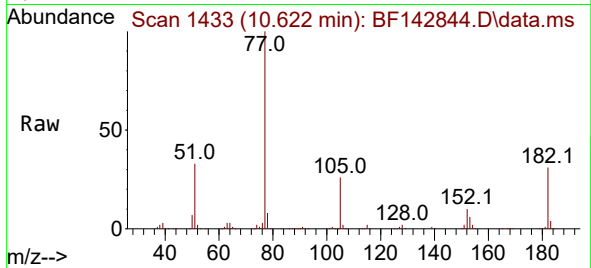




#63
Azobenzene
Concen: 44.673 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

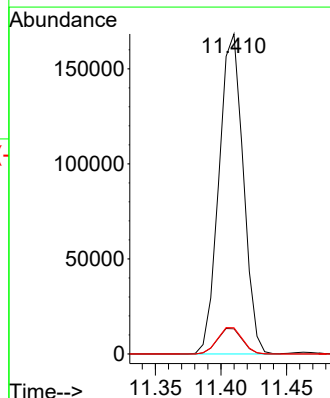
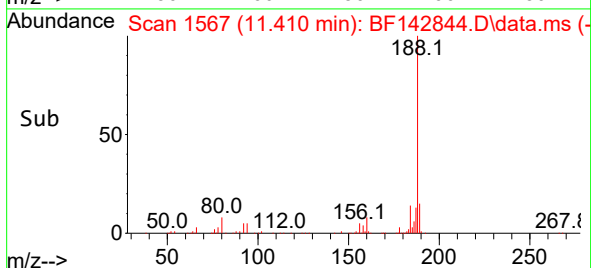
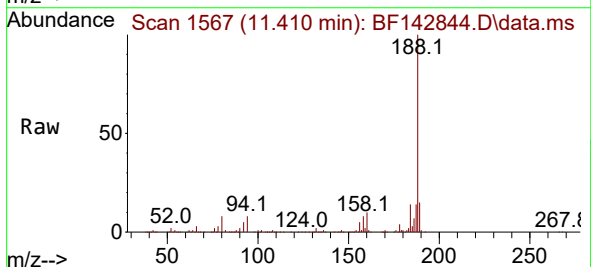
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

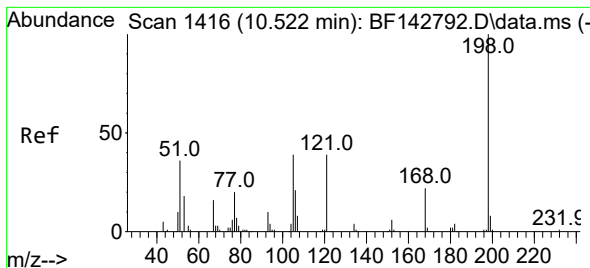
Tgt Ion: 77	Resp: 409836
Ion Ratio	Lower Upper
77 100	
182 30.6	7.7 47.7
105 26.0	1.9 41.9
51 33.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt	Ion:188	Resp:	216826
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.2	6.9	10.3

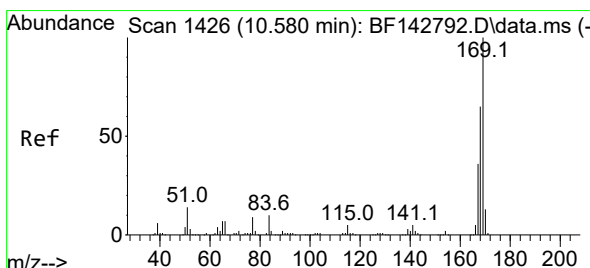
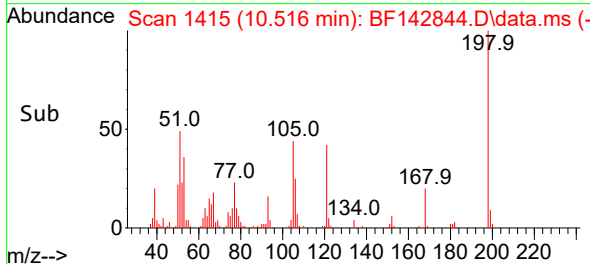
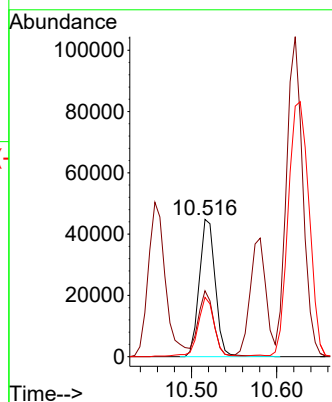
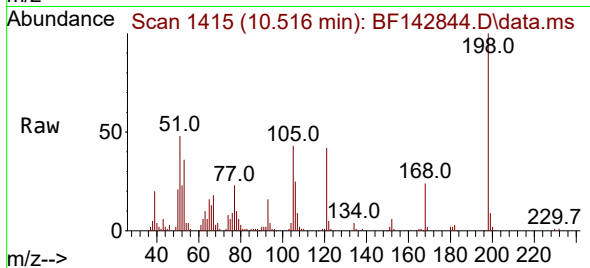




#65
4,6-Dinitro-2-methylphenol
Concen: 44.616 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

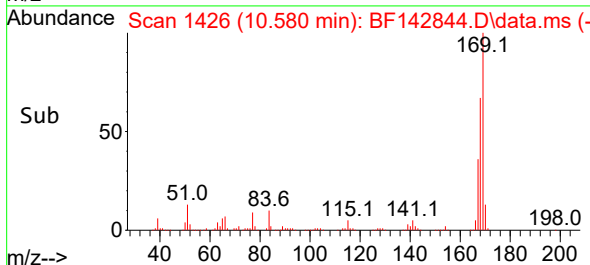
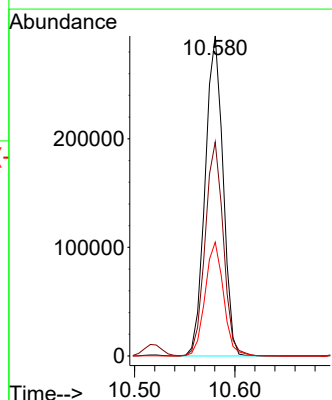
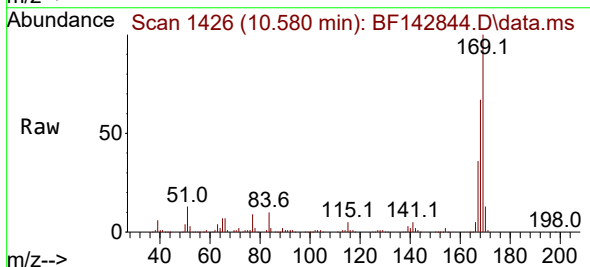
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

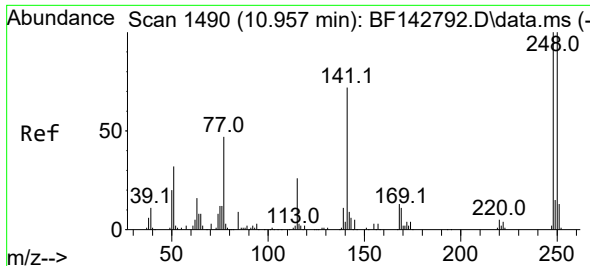
Tgt Ion:198 Resp: 58514
Ion Ratio Lower Upper
198 100
51 48.1 25.4 65.4
105 43.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 48.728 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:169 Resp: 366172
Ion Ratio Lower Upper
169 100
168 66.9 51.9 77.9
167 35.6 28.5 42.7

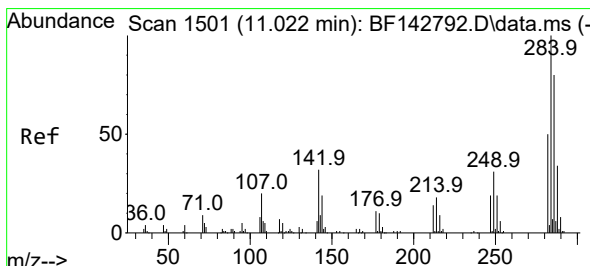
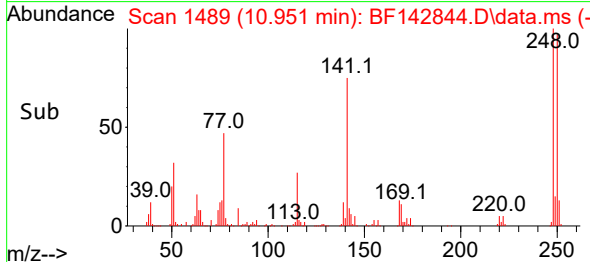
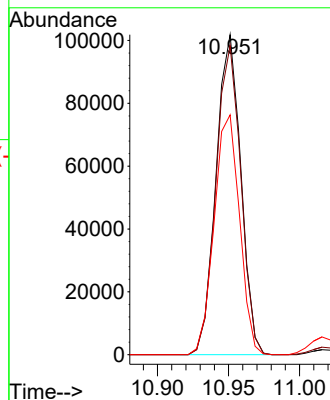
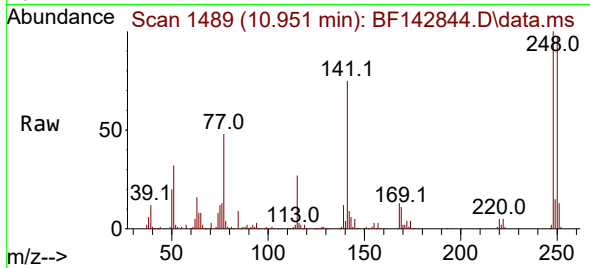




#67
4-Bromophenyl-phenylether
Concen: 50.155 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

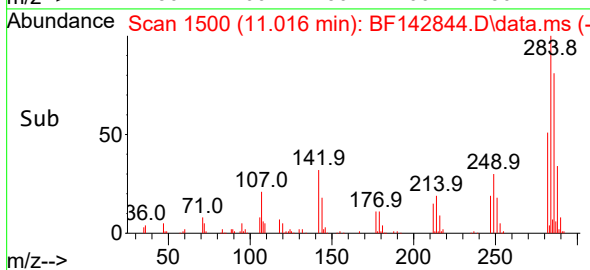
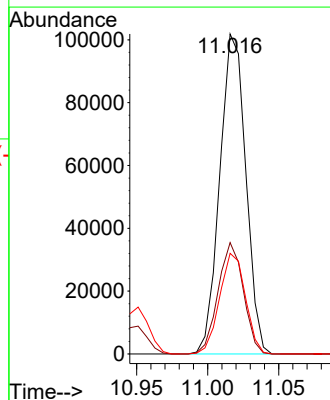
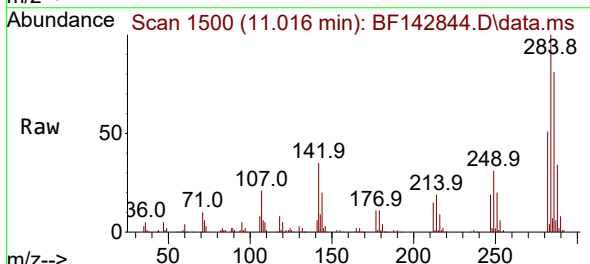
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

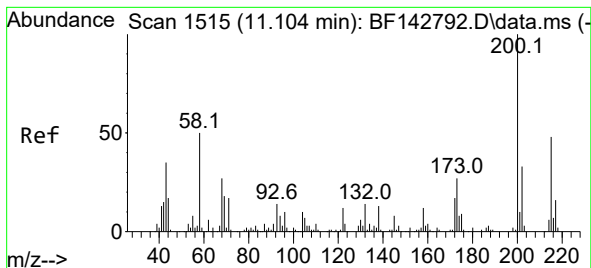
Tgt Ion:248 Resp: 123766
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 75.0 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.338 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:284 Resp: 129801
Ion Ratio Lower Upper
284 100
142 34.8 25.5 38.3
249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.045 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

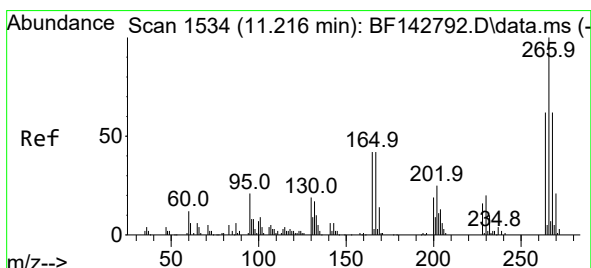
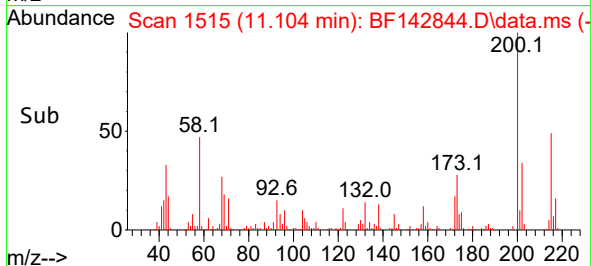
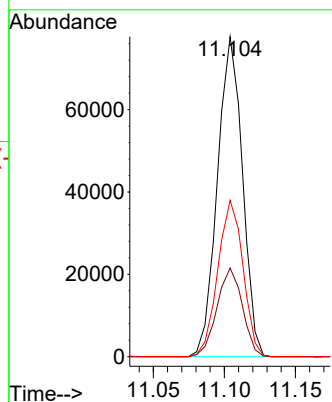
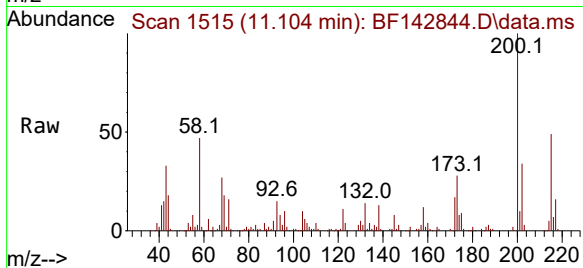
Tgt Ion:200 Resp: 95172

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 78.649 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

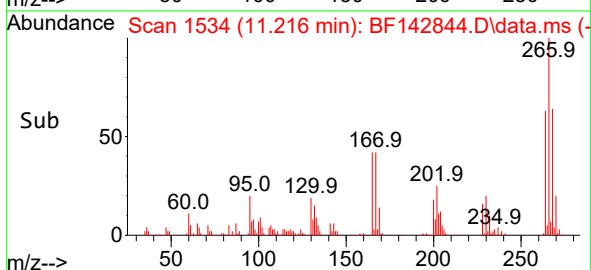
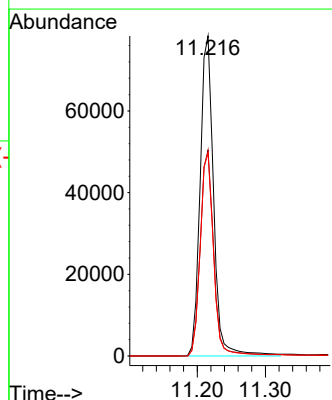
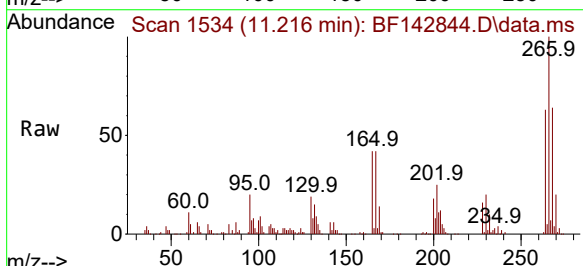
Tgt Ion:266 Resp: 107461

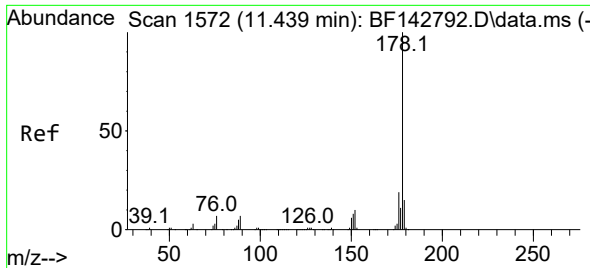
Ion Ratio Lower Upper

266 100

268 64.4 49.8 74.8

264 63.4 49.9 74.9

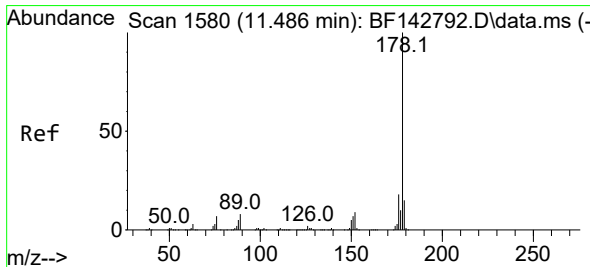
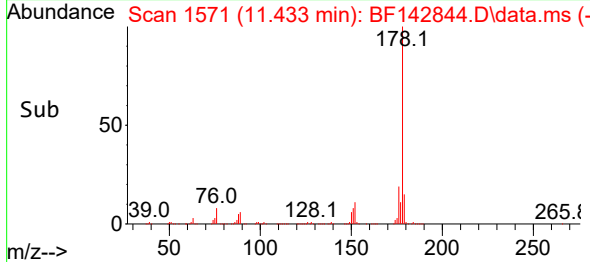
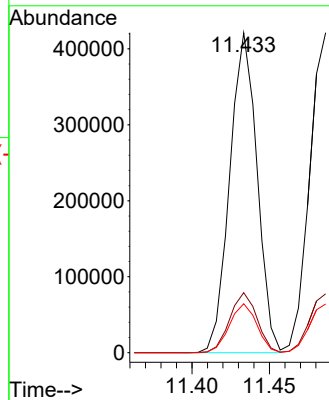
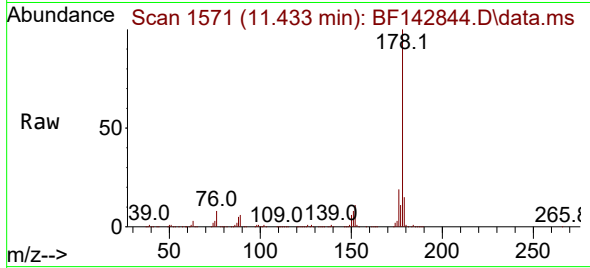




#71
Phenanthrene
Concen: 43.915 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

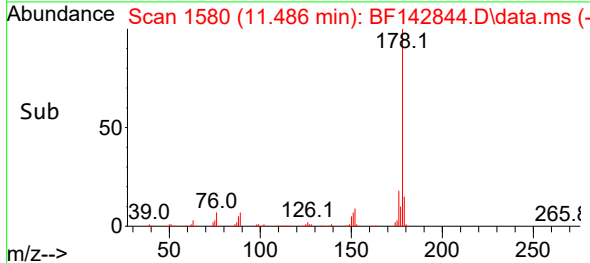
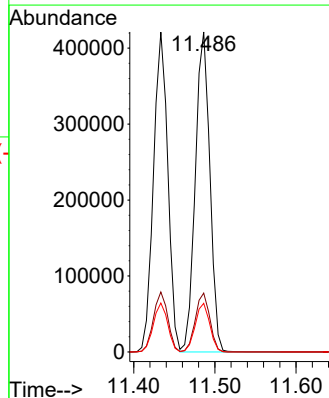
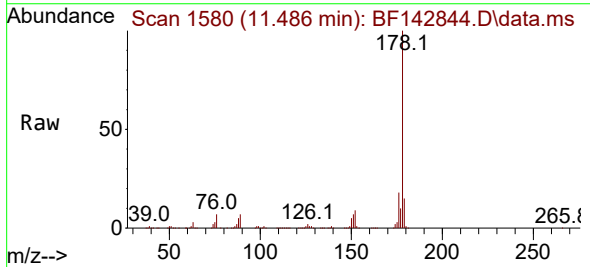
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

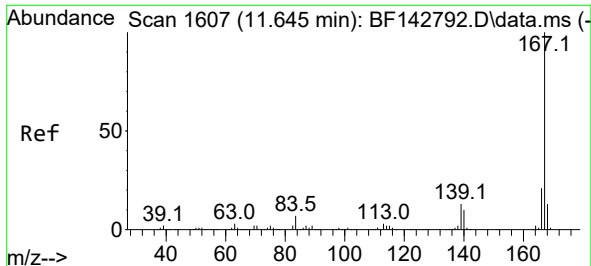
Tgt Ion:178 Resp: 515807
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 43.570 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

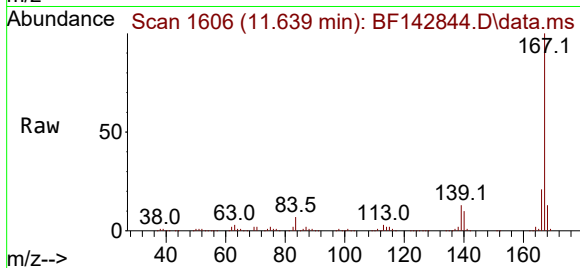
Tgt Ion:178 Resp: 524846
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.2 12.4 18.6



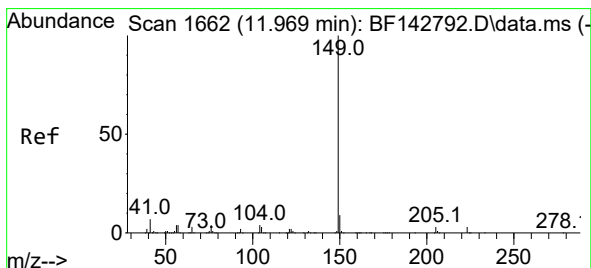
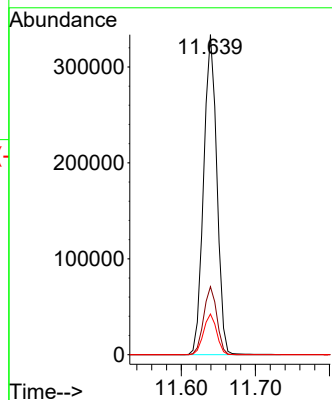
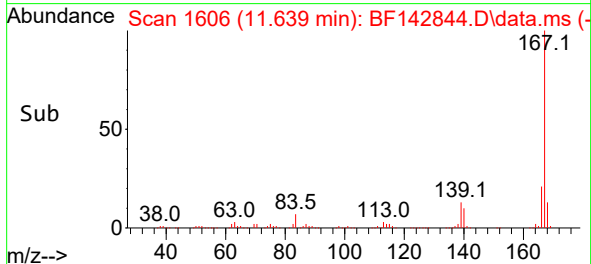


#73
 Carbazole
 Concen: 39.785 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

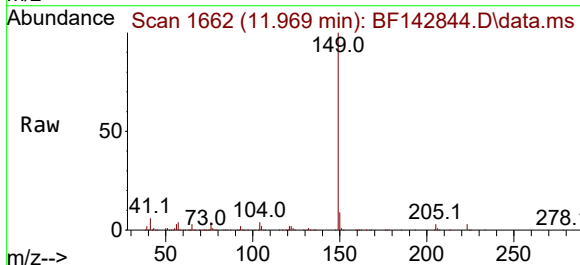
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMSD



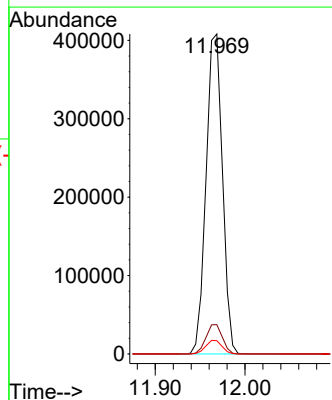
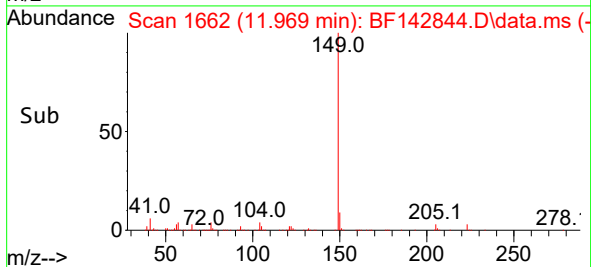
Tgt Ion:167 Resp: 413578
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.7 10.2 15.2

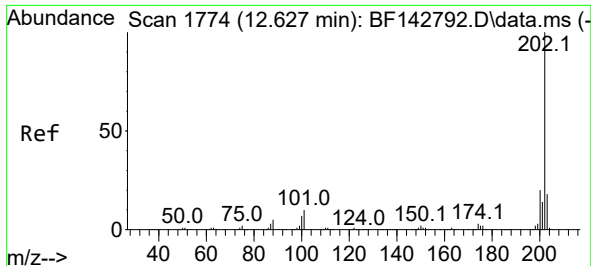


#74
 Di-n-butylphthalate
 Concen: 47.783 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35



Tgt Ion:149 Resp: 517455
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.2 3.5 5.3

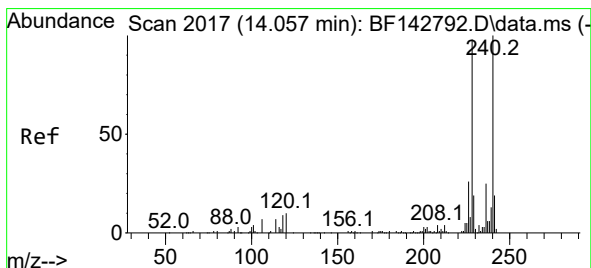
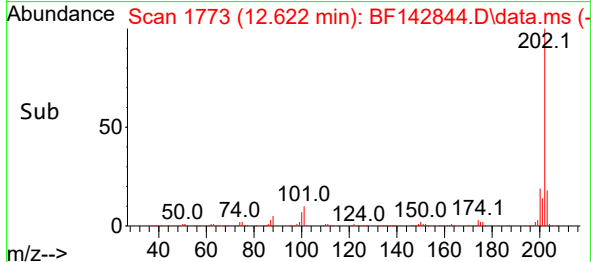
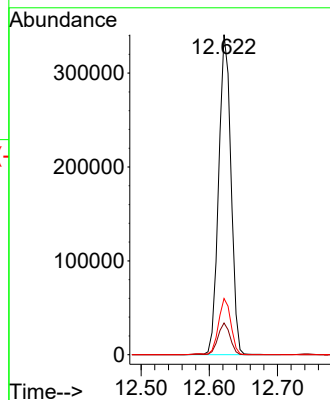
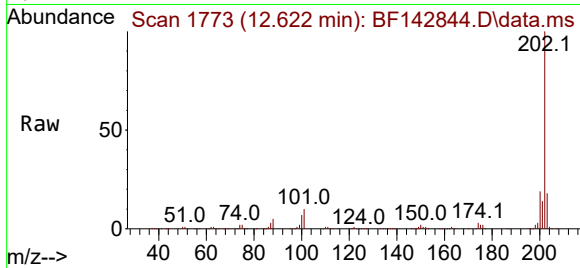




#75
Fluoranthene
Concen: 38.426 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

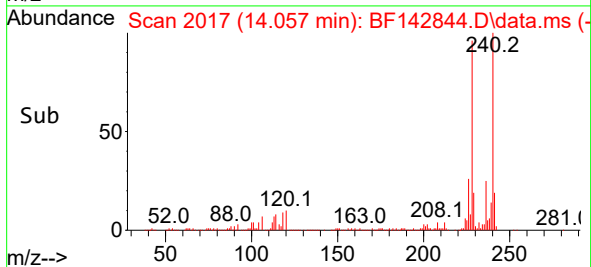
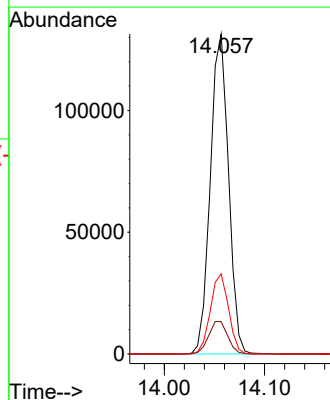
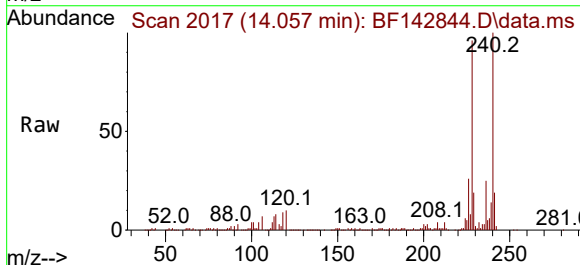
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

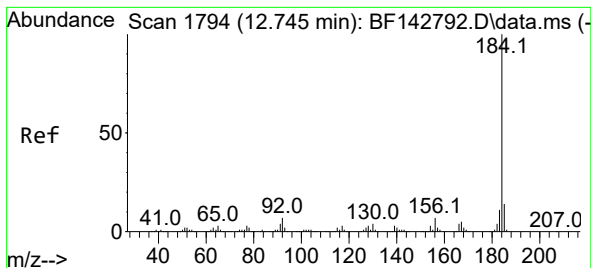
Tgt Ion:202 Resp: 428340
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:240 Resp: 166084
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.0 19.8 29.8





#77

Benzidine

Concen: 27.695 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

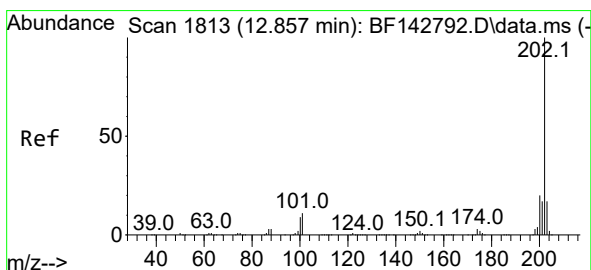
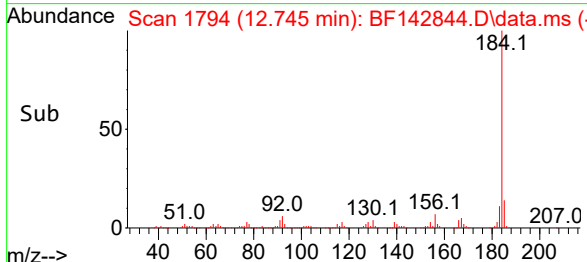
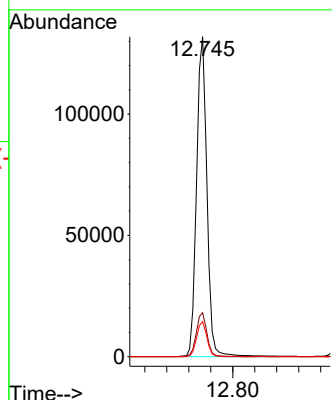
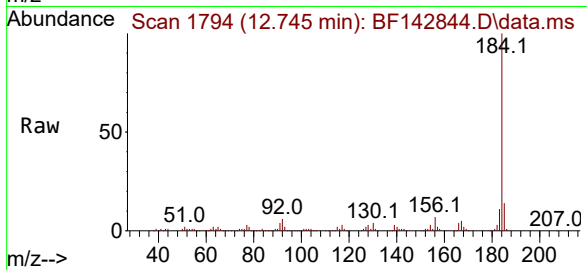
Tgt Ion:184 Resp: 172817

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 10.9 9.0 13.4



#78

Pyrene

Concen: 28.137 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

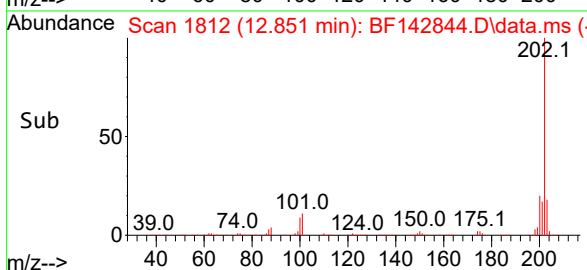
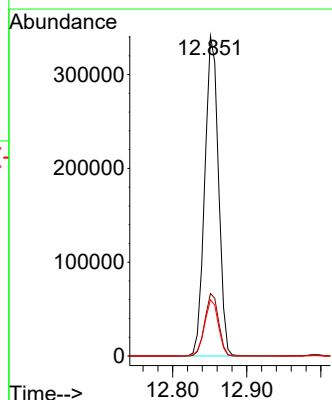
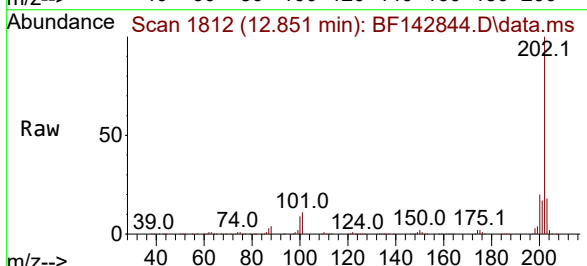
Tgt Ion:202 Resp: 438025

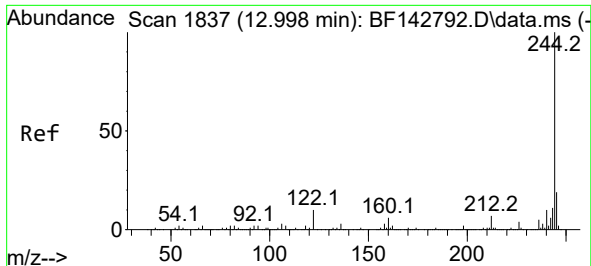
Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

203 17.5 13.8 20.6

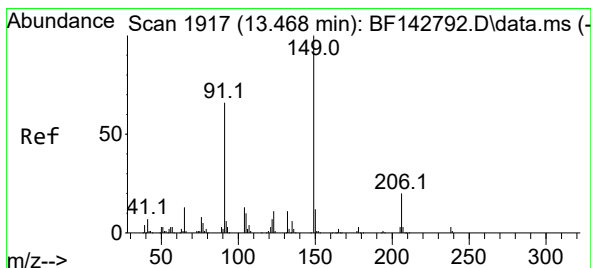
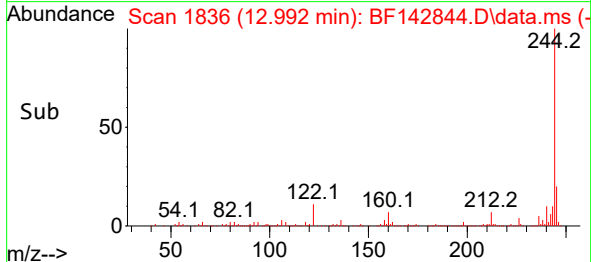
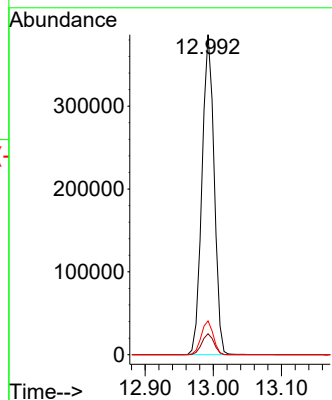
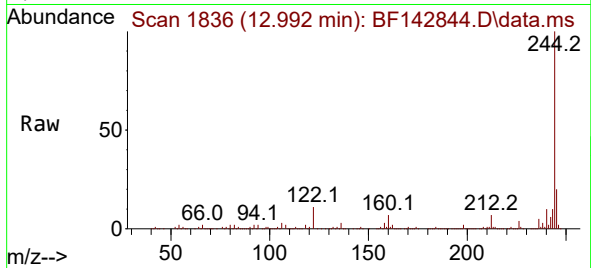




#79
 Terphenyl-d14
 Concen: 39.857 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

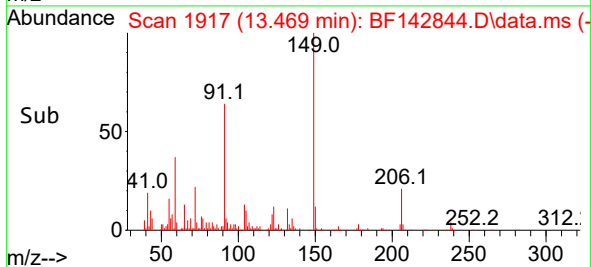
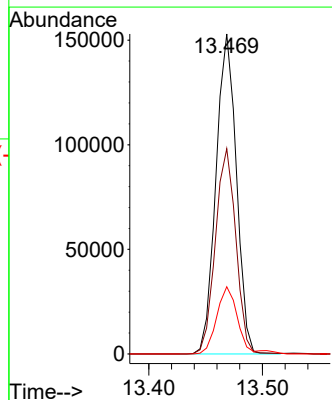
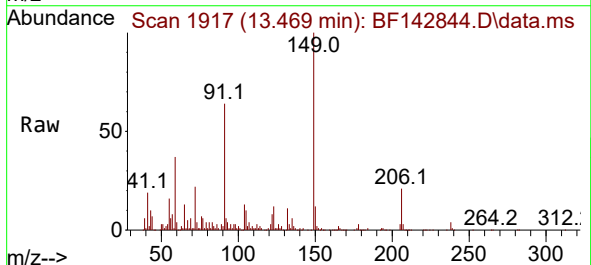
Instrument :
 BNA_F
 ClientSampleId :
 MH-K/LMSD

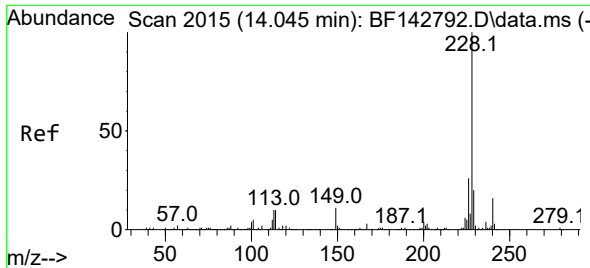
Tgt Ion:244 Resp: 479096
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.349 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142844.D
 Acq: 25 Jun 2025 18:35

Tgt Ion:149 Resp: 191237
 Ion Ratio Lower Upper
 149 100
 91 64.1 52.9 79.3
 206 21.0 16.3 24.5

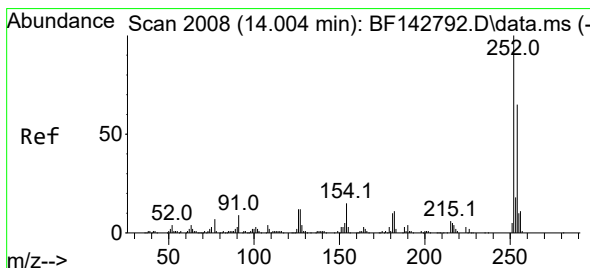
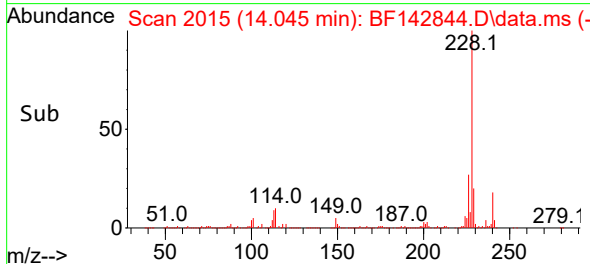
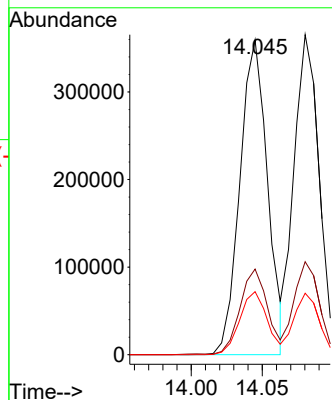
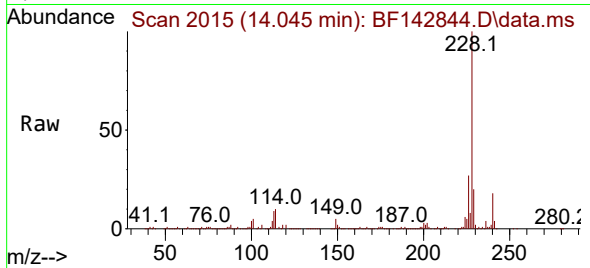




#81
Benzo(a)anthracene
Concen: 43.382 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

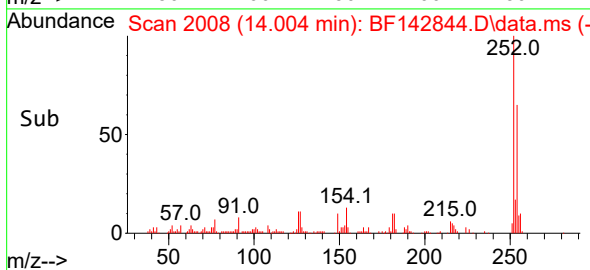
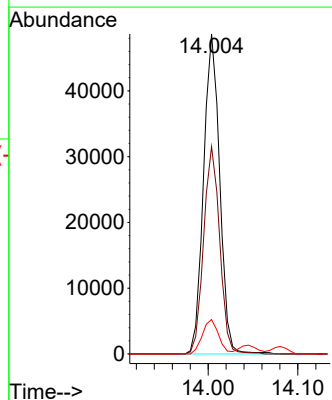
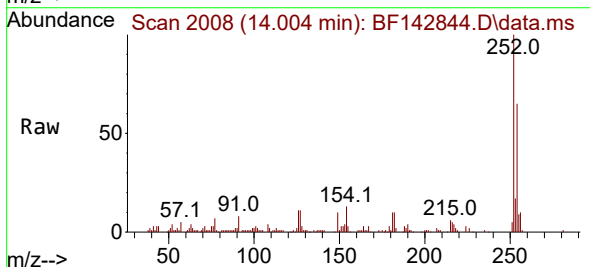
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

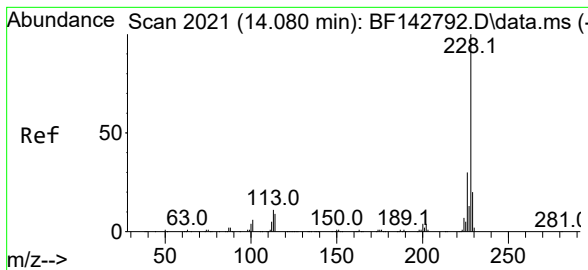
Tgt Ion:228 Resp: 486056
Ion Ratio Lower Upper
228 100
226 27.2 21.2 31.8
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 16.737 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:252 Resp: 60826
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 10.7 9.4 14.2





#83

Chrysene

Concen: 44.850 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

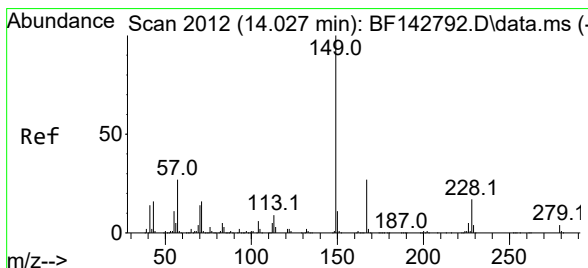
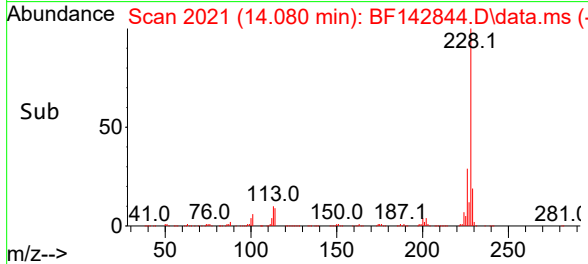
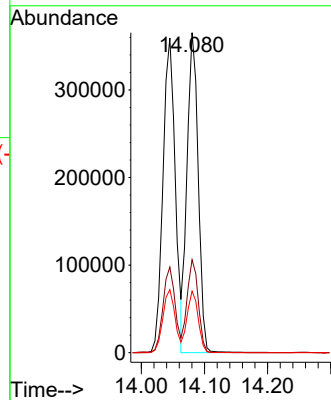
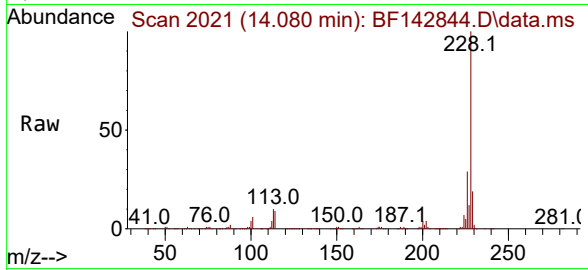
Tgt Ion:228 Resp: 448397

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.105 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

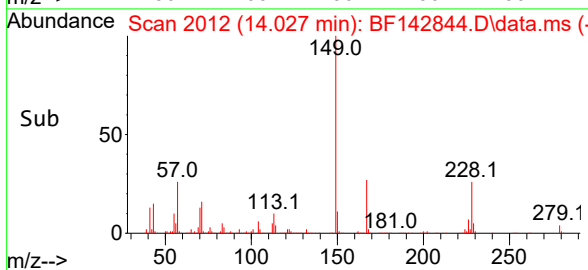
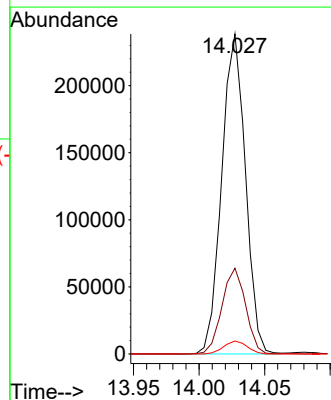
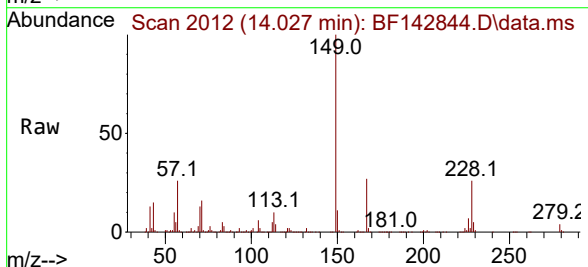
Tgt Ion:149 Resp: 299554

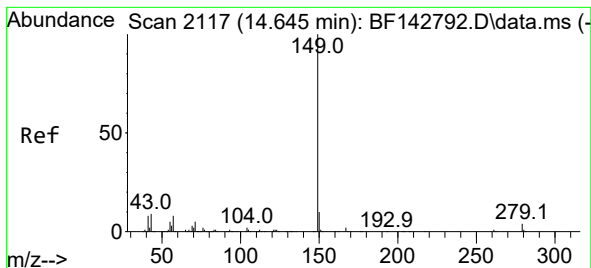
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.568 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

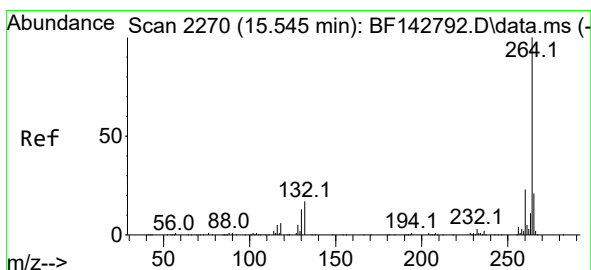
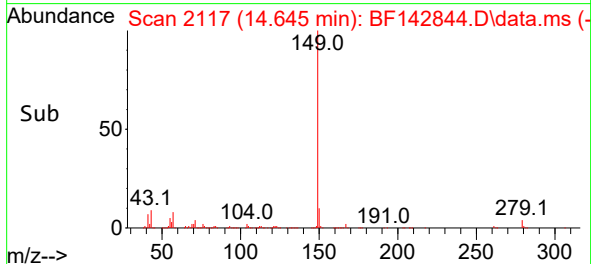
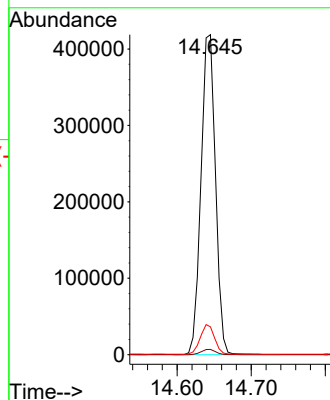
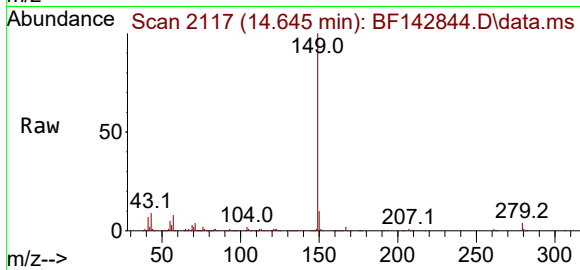
Tgt Ion:149 Resp: 570522

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.0 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: BF142844.D

Acq: 25 Jun 2025 18:35

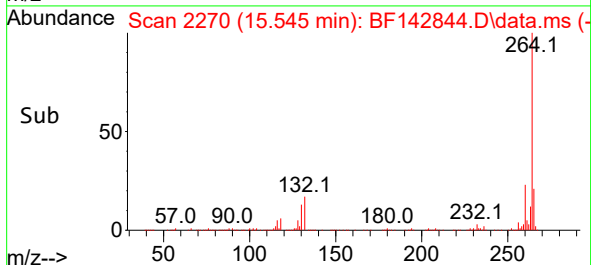
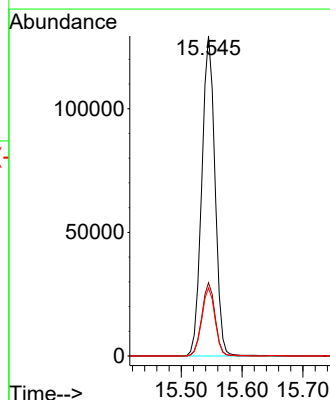
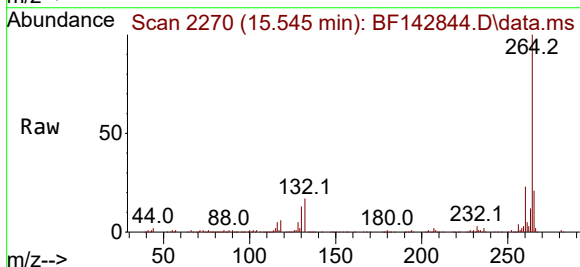
Tgt Ion:264 Resp: 195276

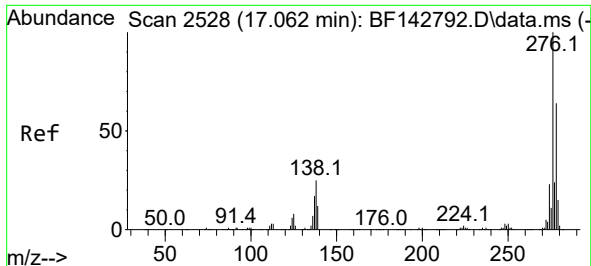
Ion Ratio Lower Upper

264 100

260 22.9 18.1 27.1

265 21.2 16.6 25.0

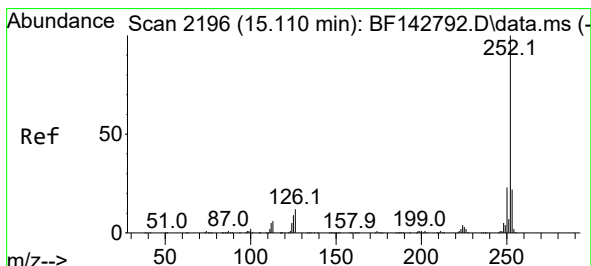
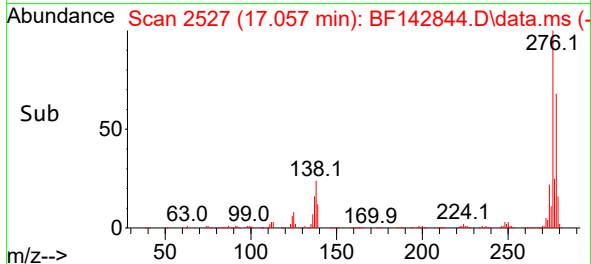
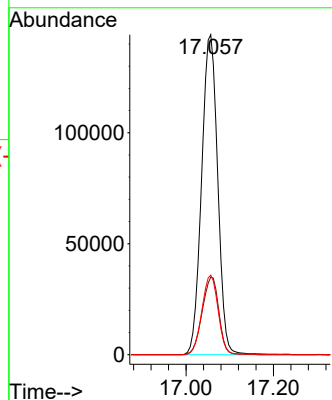
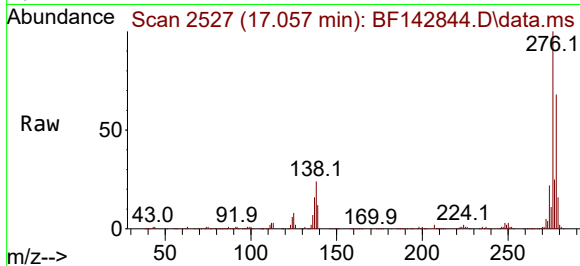




#87
Indeno(1,2,3-cd)pyrene
Concen: 24.875 ng
RT: 17.057 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

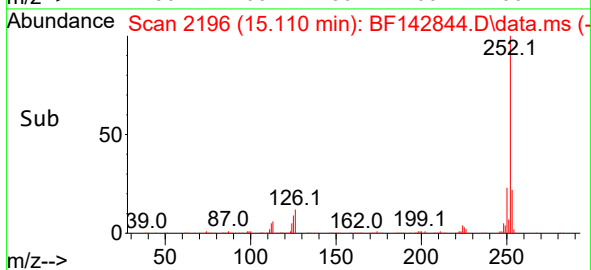
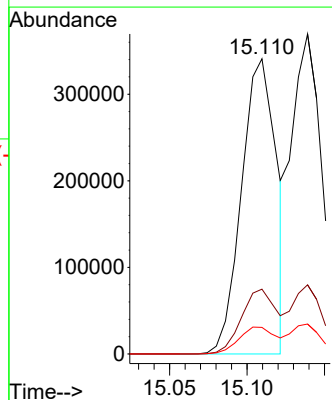
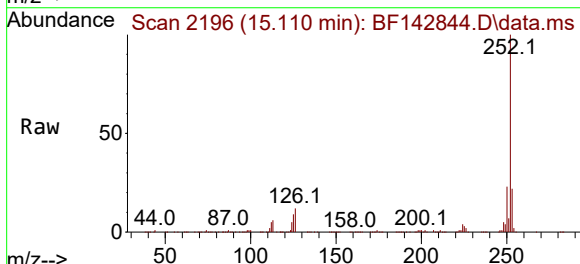
Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

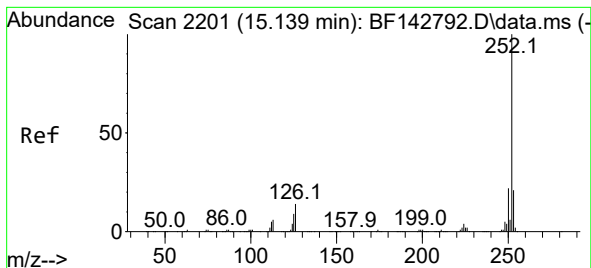
Tgt Ion:276 Resp: 369992
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.4
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 47.074 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:252 Resp: 531909
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.917 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

Instrument :

BNA_F

ClientSampleId :

MH-K/LMSD

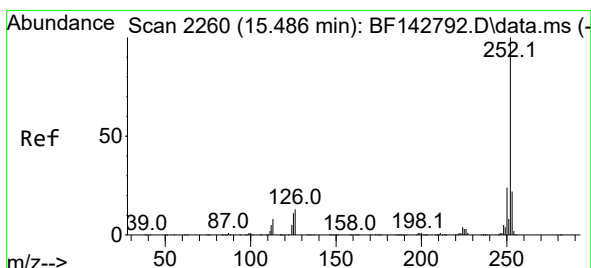
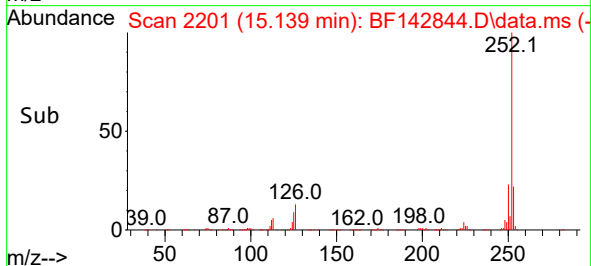
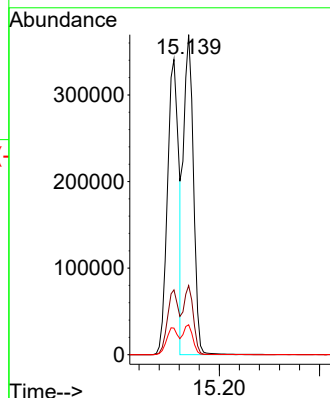
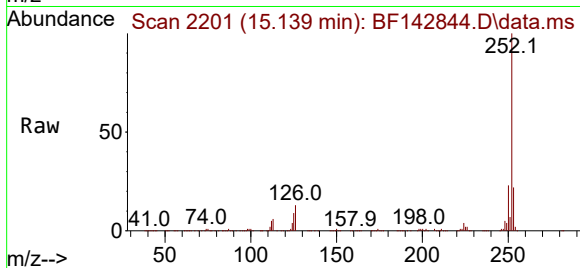
Tgt Ion:252 Resp: 506561

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.854 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142844.D

Acq: 25 Jun 2025 18:35

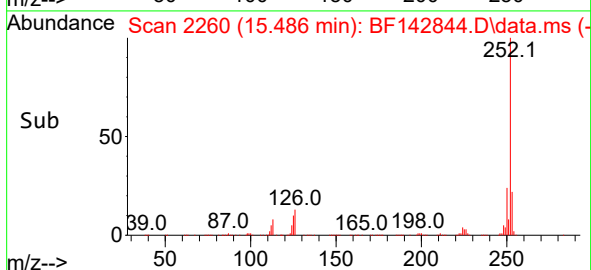
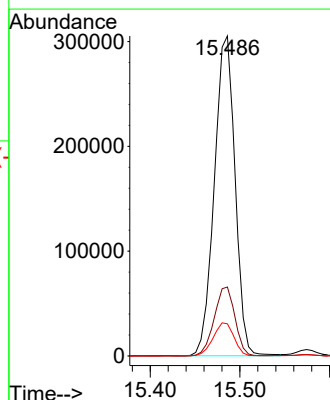
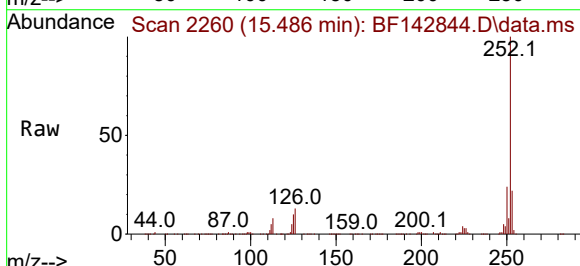
Tgt Ion:252 Resp: 489635

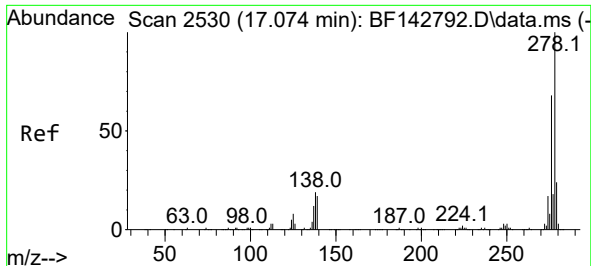
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.0 8.6 12.8

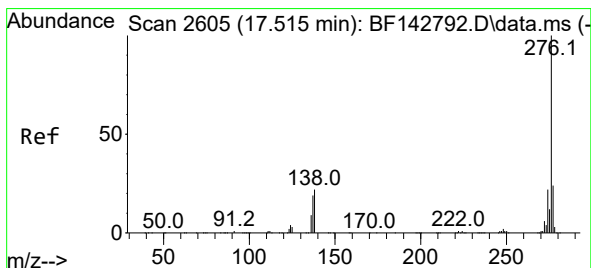
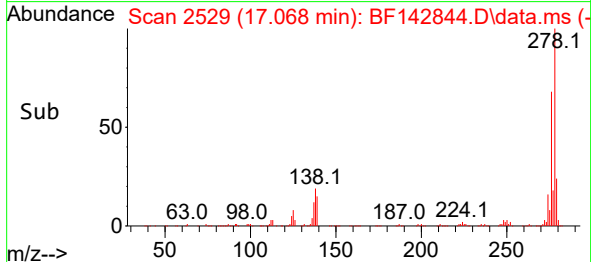
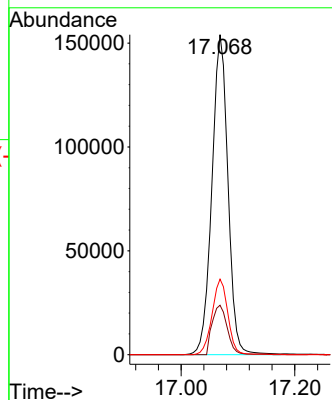
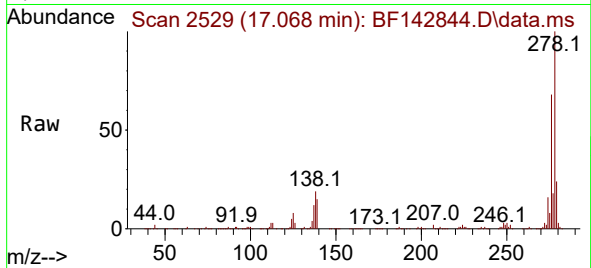




#91
Dibenzo(a,h)anthracene
Concen: 24.970 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

Tgt Ion:278 Resp: 301769
Ion Ratio Lower Upper
278 100
139 15.4 13.5 20.3
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.566 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142844.D
Acq: 25 Jun 2025 18:35

Tgt Ion:276 Resp: 259891
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 21.2 17.6 26.4

