

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142847.D
 Acq On : 25 Jun 2025 20:07
 Operator : RC/JU
 Sample : Q2386-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MSD

Quant Time: Jun 26 01:20:15 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	6.881	152	82970	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	310770	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150165	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	189094	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160851	20.000	ng	0.00
86) Perylene-d12	15.545	264	187947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	538998	108.158	ng	0.02
7) Phenol-d6	6.510	99	591511	100.607	ng	0.00
23) Nitrobenzene-d5	7.445	82	424869	74.989	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160712	104.000	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	880680	77.044	ng	0.00
79) Terphenyl-d14	12.992	244	572626	49.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	63133	31.674	ng	# 83
3) Pyridine	3.534	79	141053	28.228	ng	100
4) n-Nitrosodimethylamine	3.469	42	99895	38.659	ng	98
6) Aniline	6.540	93	92127	11.776	ng	# 52
8) 2-Chlorophenol	6.663	128	214243	39.854	ng	99
9) Benzaldehyde	6.428	77	61350	17.588	ng	99
10) Phenol	6.528	94	220340	33.715	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	197059	42.188	ng	96
12) 1,3-Dichlorobenzene	6.822	146	223267	37.137	ng	99
13) 1,4-Dichlorobenzene	6.898	146	224093	36.944	ng	99
14) 1,2-Dichlorobenzene	7.045	146	216818	37.686	ng	98
15) Benzyl Alcohol	7.022	79	177349	41.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	291017	38.779	ng	92
17) 2-Methylphenol	7.134	107	164219	40.311	ng	98
18) Hexachloroethane	7.392	117	78463	36.983	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	141947	41.511	ng	98
20) 3+4-Methylphenols	7.287	107	203073	39.981	ng	91
22) Acetophenone	7.287	105	284980	41.584	ng	99
24) Nitrobenzene	7.463	77	208020	40.565	ng	97
25) Isophorone	7.698	82	377210	41.503	ng	100
26) 2-Nitrophenol	7.781	139	119491	42.776	ng	98
27) 2,4-Dimethylphenol	7.816	122	200094	41.353	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	241876	41.860	ng	100
29) 2,4-Dichlorophenol	8.022	162	183851	41.905	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	194118	40.237	ng	99
31) Naphthalene	8.187	128	627508	41.252	ng	100
32) Benzoic acid	7.928	122	95081	38.553	ng	96
33) 4-Chloroaniline	8.234	127	48724	7.877	ng	98
34) Hexachlorobutadiene	8.298	225	117109	39.684	ng	99
35) Caprolactam	8.604	113	38380	33.151	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	174889	40.109	ng	98
37) 2-Methylnaphthalene	8.875	142	389348	41.285	ng	100
38) 1-Methylnaphthalene	8.975	142	409247	41.920	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	199005	44.913	ng	99
41) Hexachlorocyclopentadiene	9.028	237	204072	81.160	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	127725	44.237	ng	100

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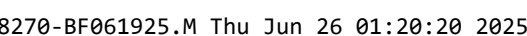
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	132583	43.622	ng	100
46) 1,1'-Biphenyl	9.339	154	521779	43.987	ng	100
47) 2-Chloronaphthalene	9.369	162	387711	43.555	ng	100
48) 2-Nitroaniline	9.463	65	103438	41.447	ng	95
49) Acenaphthylene	9.781	152	623749	42.565	ng	99
50) Dimethylphthalate	9.639	163	456303	46.944	ng	100
51) 2,6-Dinitrotoluene	9.704	165	91799	43.004	ng	97
52) Acenaphthene	9.957	154	470004	52.568	ng	100
53) 3-Nitroaniline	9.869	138	41204	17.532	ng	97
54) 2,4-Dinitrophenol	9.980	184	89582	83.811	ng	99
55) Dibenzofuran	10.128	168	564490	44.029	ng	99
56) 4-Nitrophenol	10.039	139	96494	59.971	ng	98
57) 2,4-Dinitrotoluene	10.110	165	115569	40.758	ng	98
58) Fluorene	10.469	166	445318	44.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97343	39.733	ng	96
60) Diethylphthalate	10.339	149	400180	41.989	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	198109	41.462	ng	98
62) 4-Nitroaniline	10.486	138	73589	34.236	ng	97
63) Azobenzene	10.622	77	342327	40.189	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	53440	46.723	ng	95
66) n-Nitrosodiphenylamine	10.580	169	335807	51.241	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	112246	52.157	ng	97
68) Hexachlorobenzene	11.016	284	119119	49.813	ng	97
69) Atrazine	11.104	200	82774	48.911	ng	99
70) Pentachlorophenol	11.216	266	106791	89.621	ng	98
71) Phenanthrene	11.433	178	524130	51.169	ng	100
72) Anthracene	11.486	178	469179	44.661	ng	100
73) Carbazole	11.639	167	395076	43.579	ng	100
74) Di-n-butylphthalate	11.963	149	469173	49.679	ng	100
75) Fluoranthene	12.621	202	423876	43.603	ng	99
77) Benzidine	12.745	184	64525	10.677	ng	100
78) Pyrene	12.851	202	423380	28.081	ng	99
80) Butylbenzylphthalate	13.469	149	190094	43.465	ng	96
81) Benzo(a)anthracene	14.045	228	496589	45.764	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	97018	27.565	ng	100
83) Chrysene	14.080	228	452016	46.683	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	300629	47.776	ng	99
85) Di-n-octyl phthalate	14.639	149	568546	47.917	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	362459	25.319	ng	99
88) Benzo(b)fluoranthene	15.110	252	533932	49.095	ng	100
89) Benzo(k)fluoranthene	15.139	252	508069	49.934	ng	99
90) Benzo(a)pyrene	15.480	252	494531	47.069	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	293769	25.256	ng	99
92) Benzo(g,h,i)perylene	17.509	276	257953	22.240	ng	98

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

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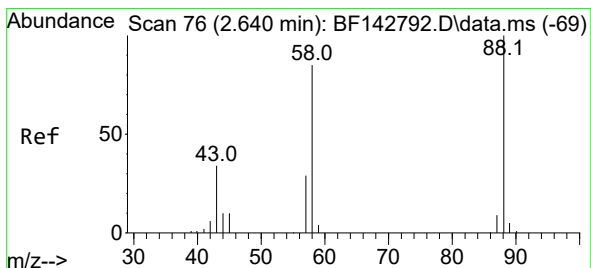
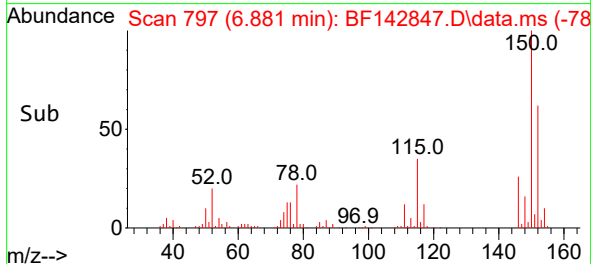
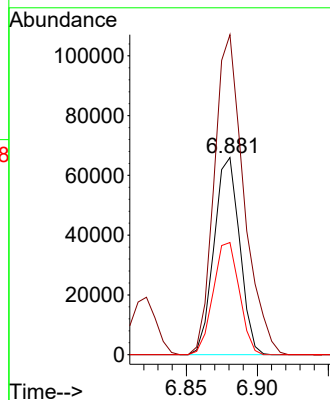
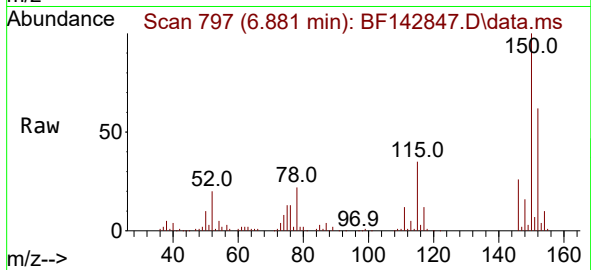




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

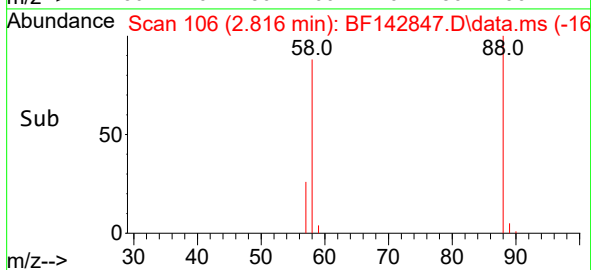
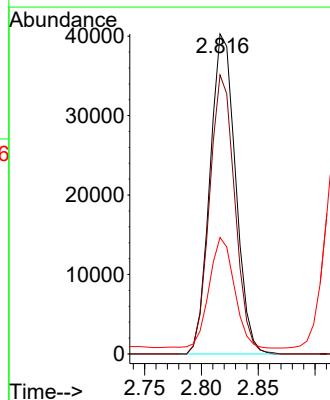
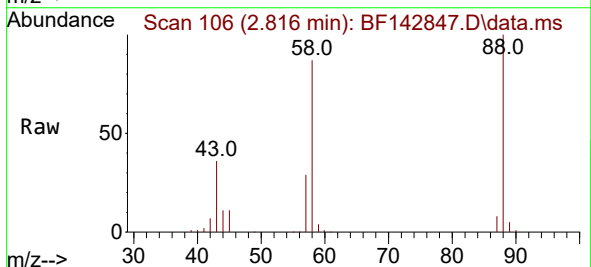
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:152 Resp: 82970
Ion Ratio Lower Upper
152 100
150 162.4 127.2 190.8
115 56.9 46.6 69.8



#2
1,4-Dioxane
Concen: 31.674 ng
RT: 2.816 min Scan# 106
Delta R.T. 0.177 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 88 Resp: 63133
Ion Ratio Lower Upper
88 100
58 86.2 69.1 103.7
43 0.0 27.4 41.2





#3

Pyridine

Concen: 28.228 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

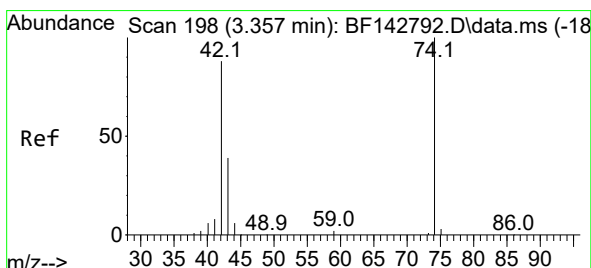
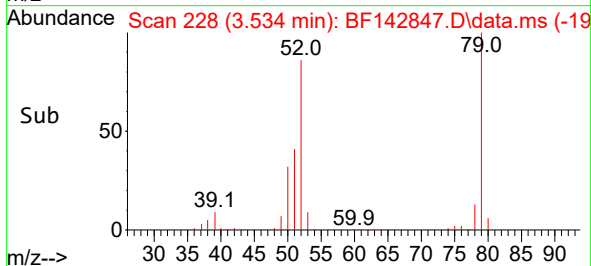
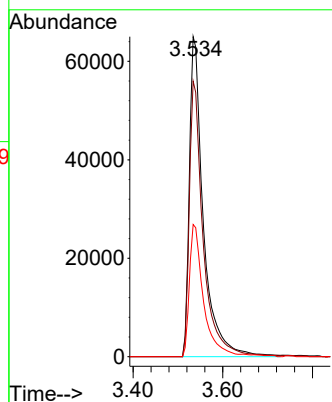
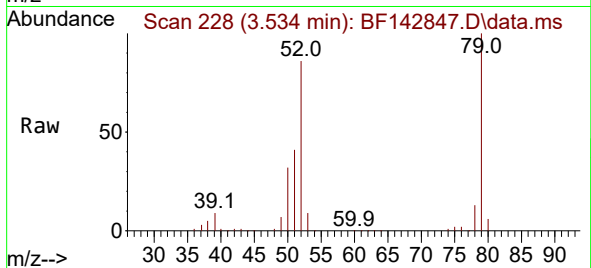
Tgt Ion: 79 Resp: 141053

Ion Ratio Lower Upper

79 100

52 86.1 69.2 103.8

51 41.3 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 38.659 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.112 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

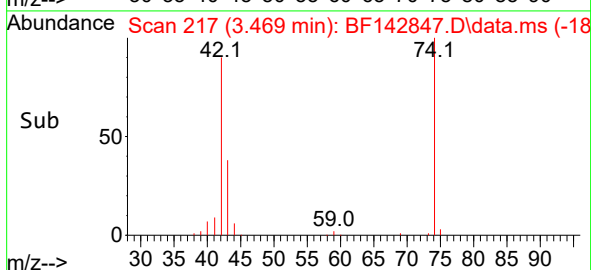
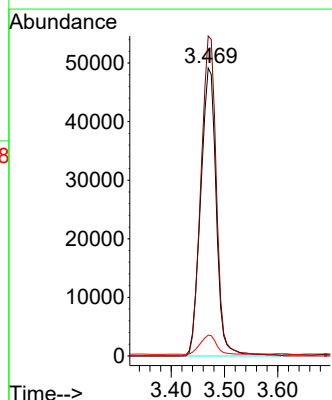
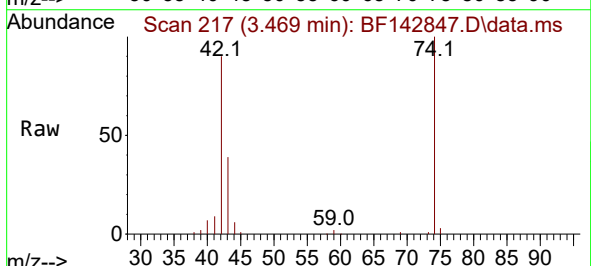
Tgt Ion: 42 Resp: 99895

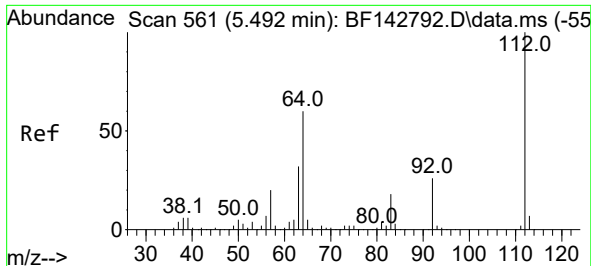
Ion Ratio Lower Upper

42 100

74 111.1 90.9 136.3

44 7.2 5.8 8.6

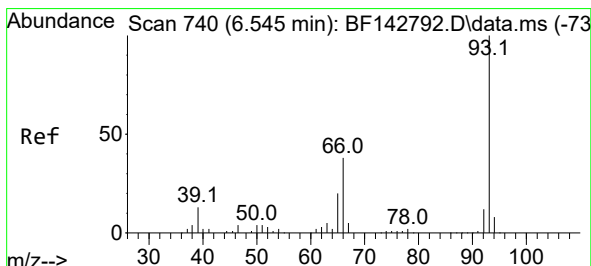
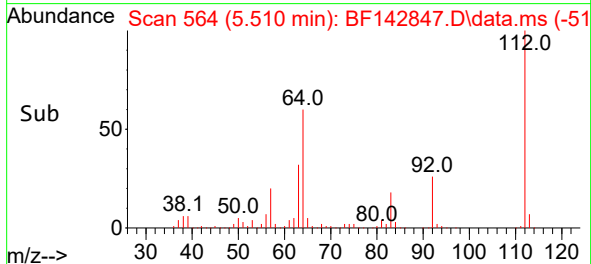
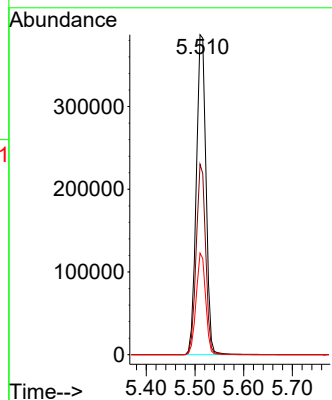
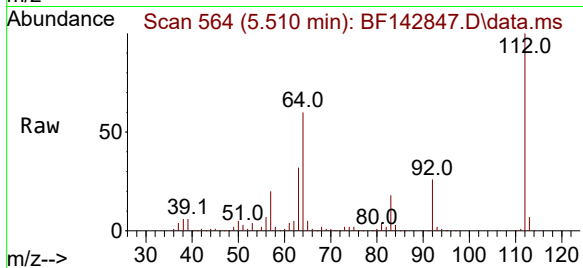




#5
2-Fluorophenol
Concen: 108.158 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

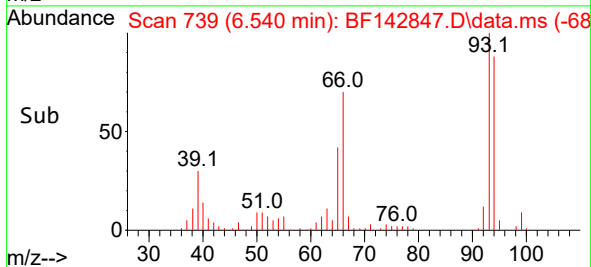
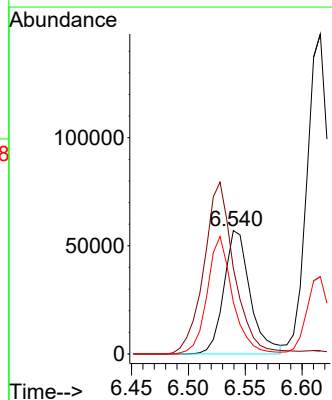
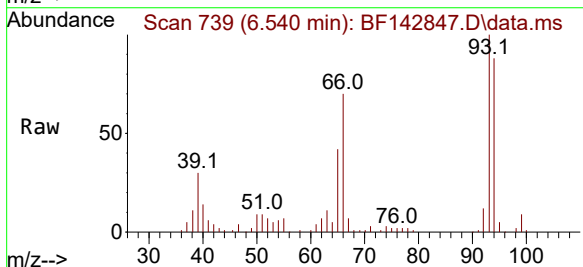
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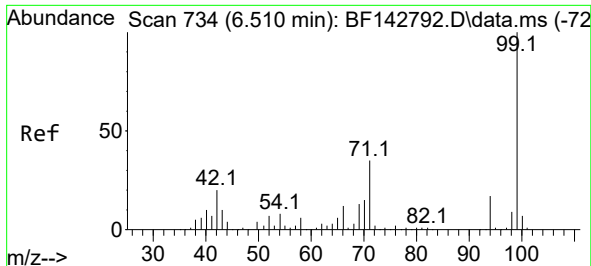
Tgt Ion:112 Resp: 538998
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.2
63 31.7 25.7 38.5



#6
Aniline
Concen: 11.776 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 93 Resp: 92127
Ion Ratio Lower Upper
93 100
66 69.6 31.8 47.6#
65 42.0 16.2 24.2#

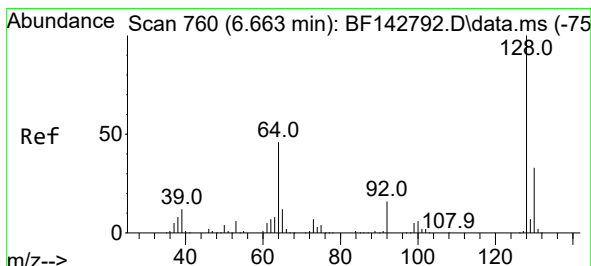
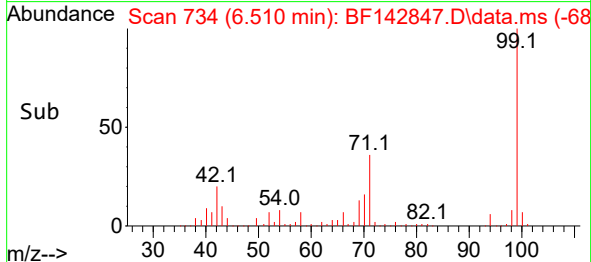
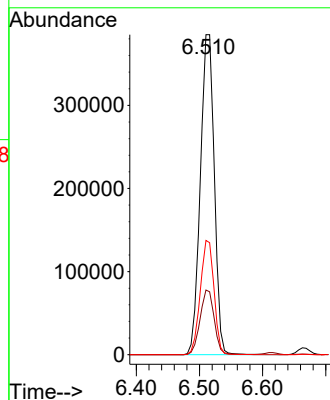
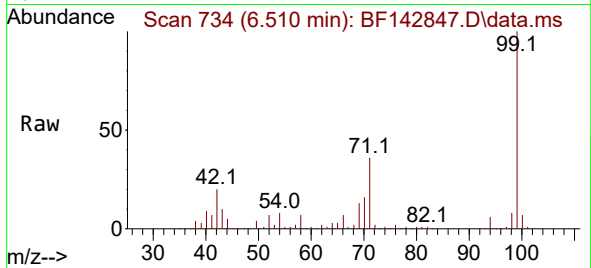




#7
Phenol-d6
Concen: 100.607 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

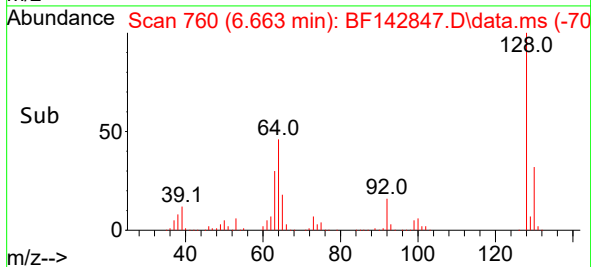
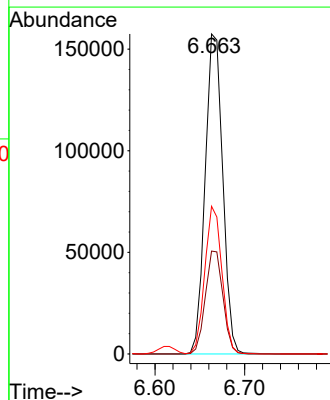
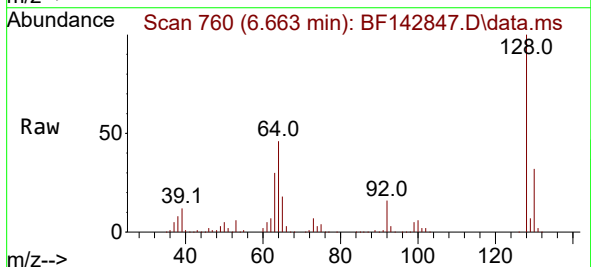
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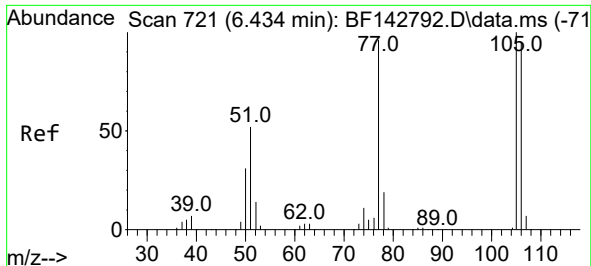
Tgt Ion: 99 Resp: 591511
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.7 27.8 41.8



#8
2-Chlorophenol
Concen: 39.854 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:128 Resp: 214243
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 46.1 26.5 66.5

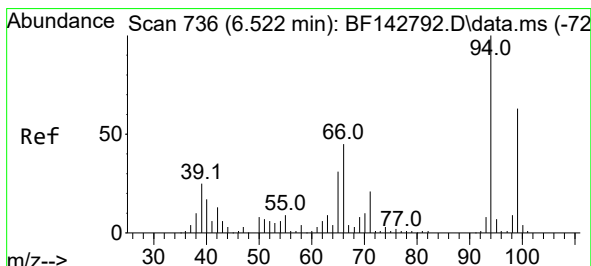
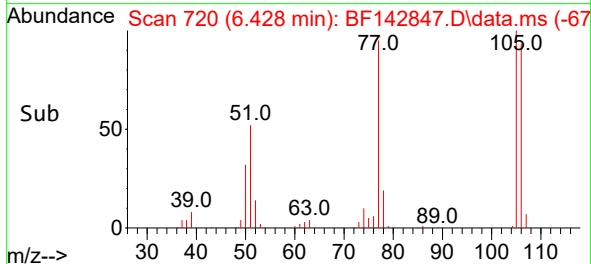
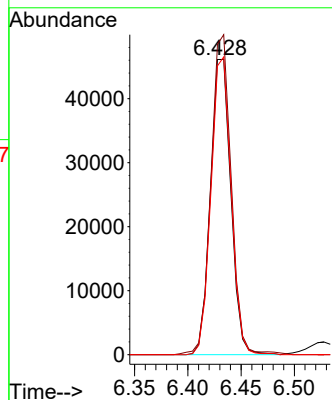
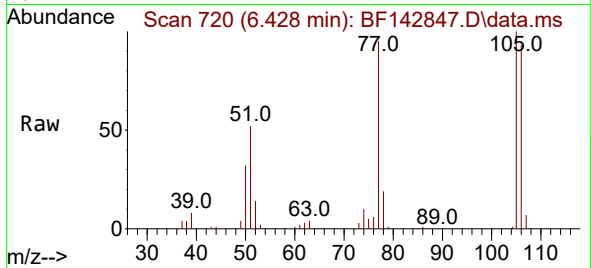




#9
Benzaldehyde
Concen: 17.588 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

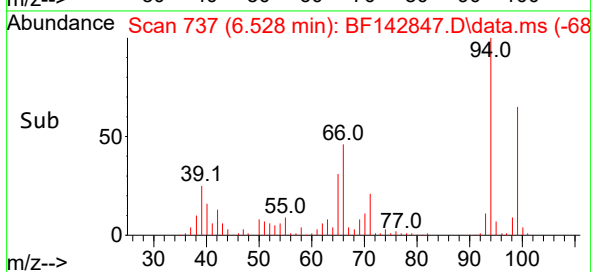
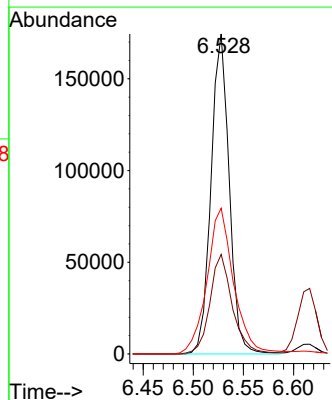
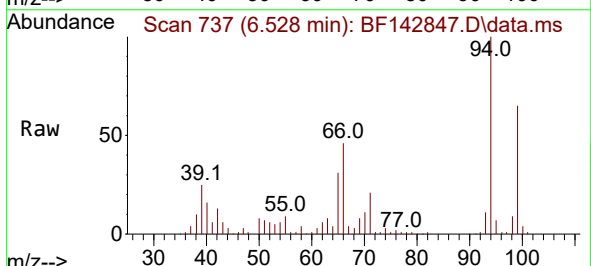
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Tgt Ion: 77 Resp: 61350
Ion Ratio Lower Upper
77 100
105 105.1 83.8 123.8
106 97.8 78.7 118.7



#10
Phenol
Concen: 33.715 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 94 Resp: 220340
Ion Ratio Lower Upper
94 100
65 31.1 11.3 51.3
66 45.5 24.9 64.9

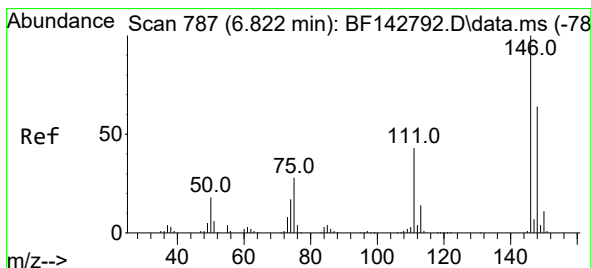
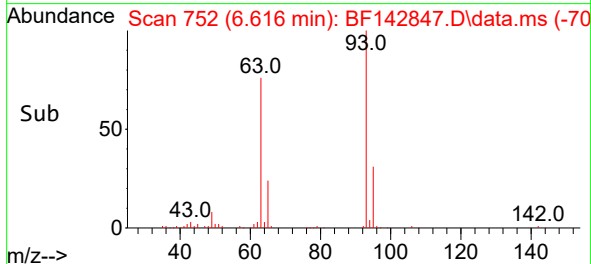
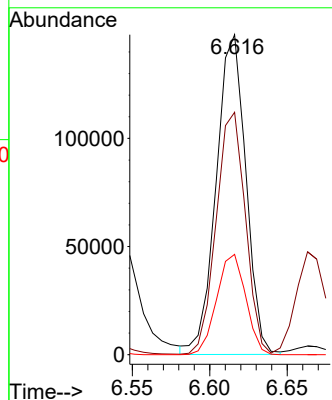
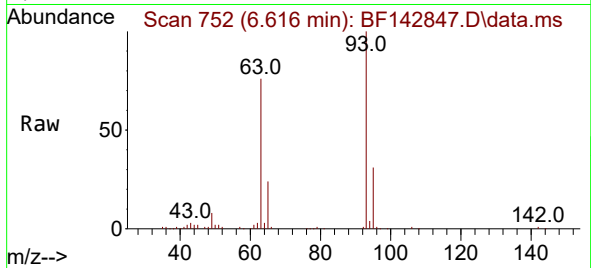




#11
bis(2-Chloroethyl)ether
Concen: 42.188 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

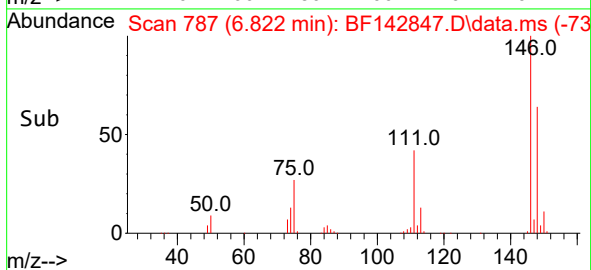
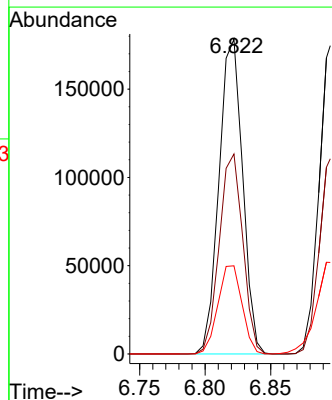
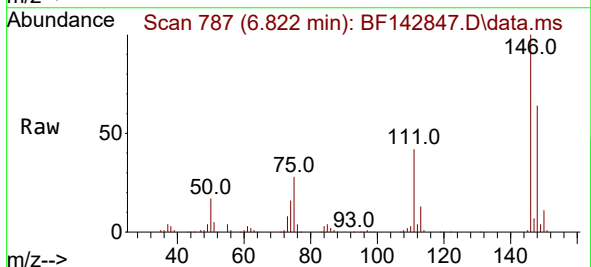
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion: 93 Resp: 197059
Ion Ratio Lower Upper
93 100
63 75.7 60.3 100.3
95 31.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.137 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 146 Resp: 223267
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 36.944 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

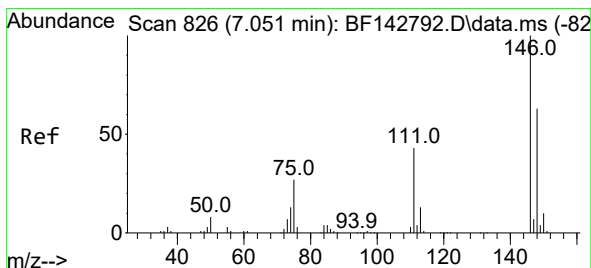
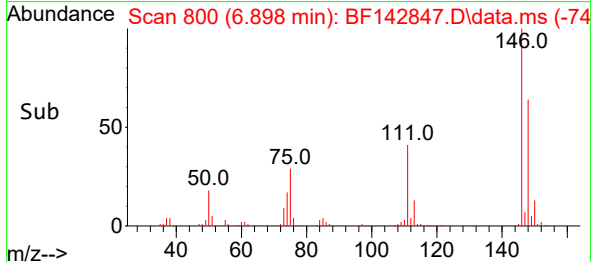
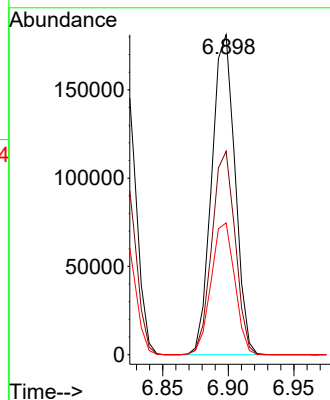
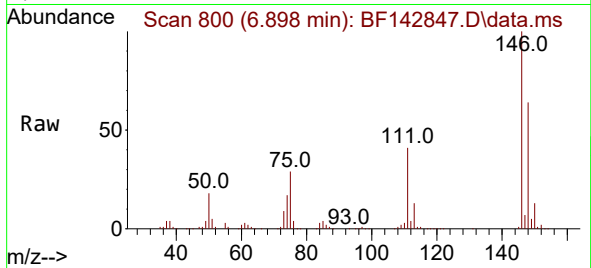
Tgt Ion:146 Resp: 224093

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 41.2 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 37.686 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

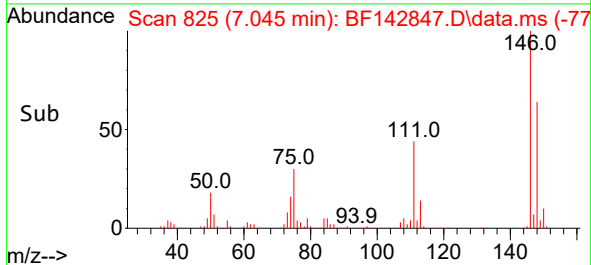
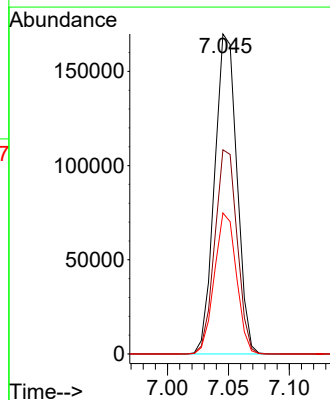
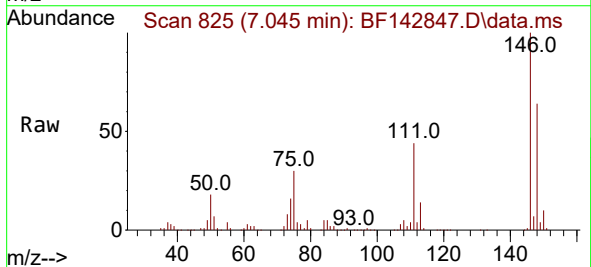
Tgt Ion:146 Resp: 216818

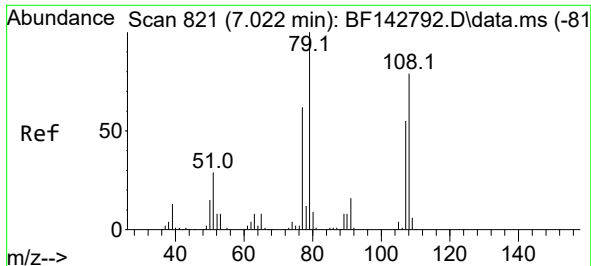
Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

111 44.0 34.1 51.1

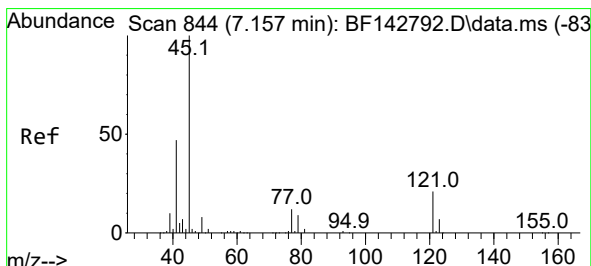
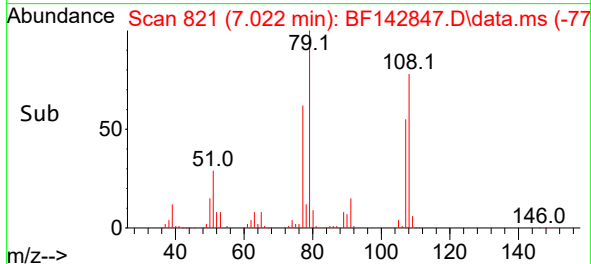
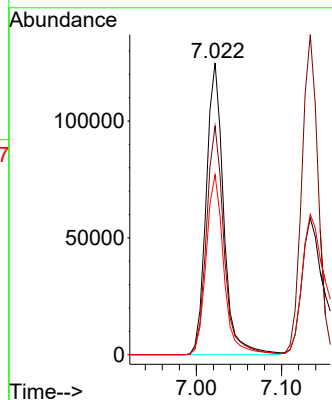
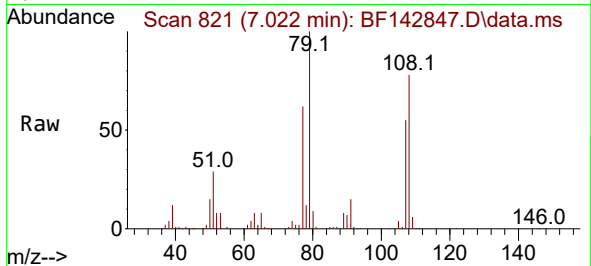




#15
Benzyl Alcohol
Concen: 41.725 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

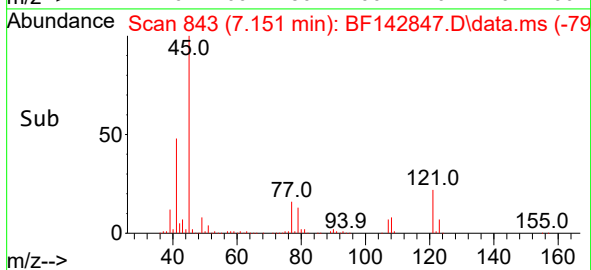
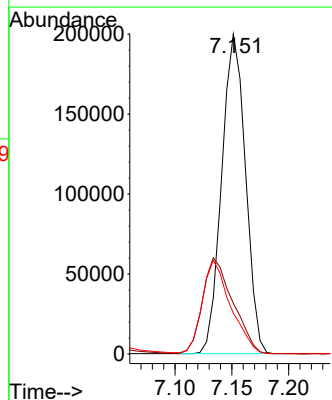
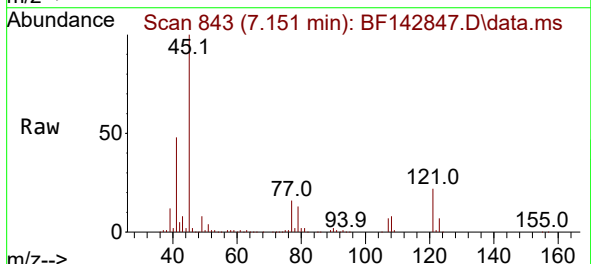
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

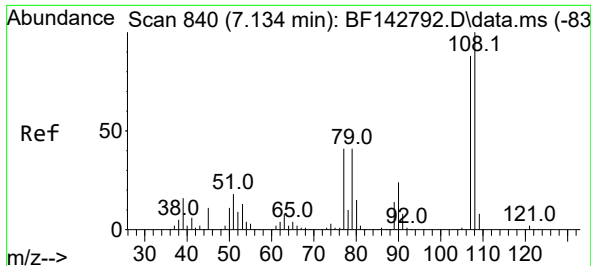
Tgt Ion: 79 Resp: 177349
Ion Ratio Lower Upper
79 100
108 78.3 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.779 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 45 Resp: 291017
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.8
79 12.7 0.0 29.8

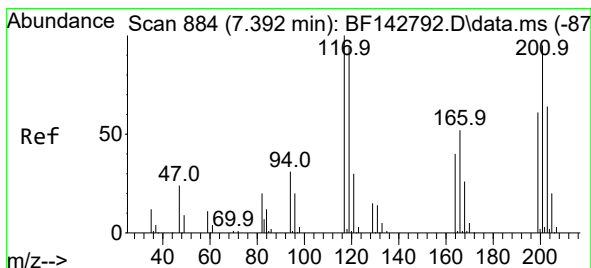
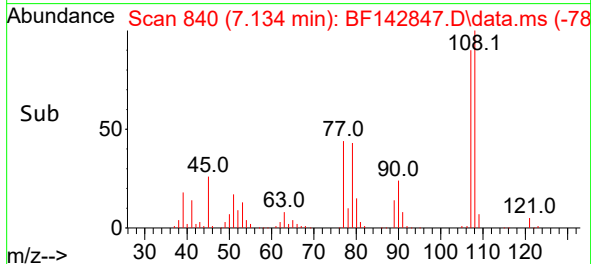
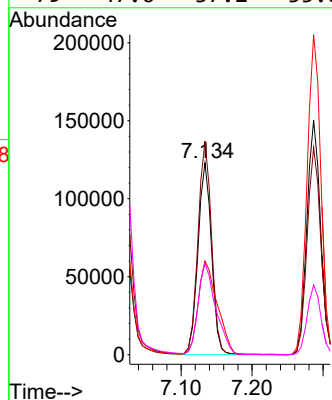
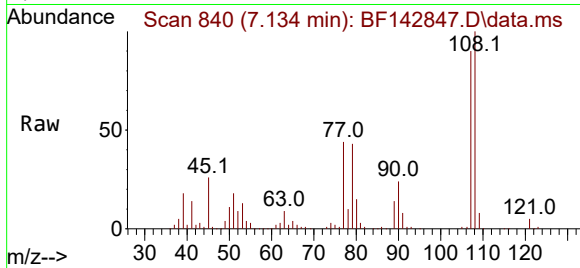




#17
2-Methylphenol
Concen: 40.311 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

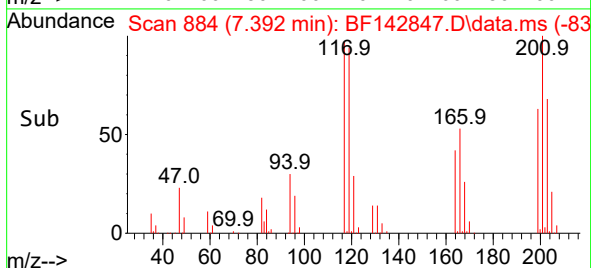
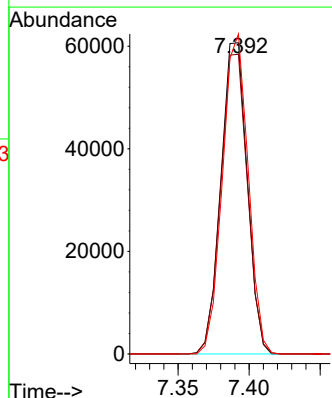
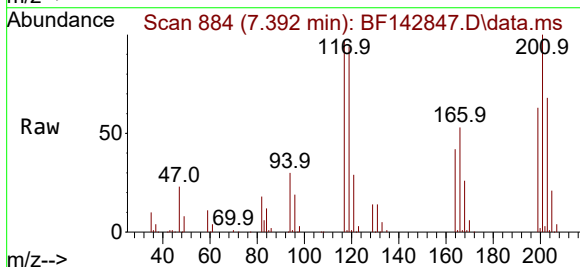
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:	107	Resp:	164219
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.9	136.3
77	48.9	37.3	55.9
79	47.6	37.2	55.8



#18
Hexachloroethane
Concen: 36.983 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:	117	Resp:	78463
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	102.8	75.9	113.9



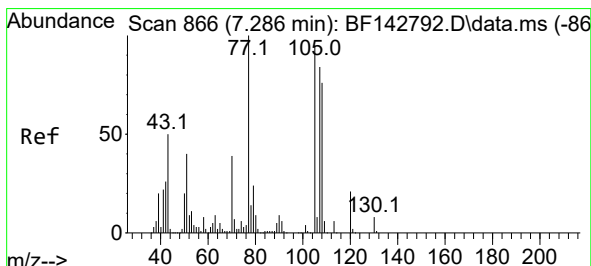
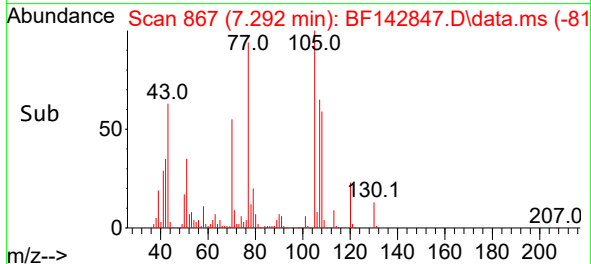
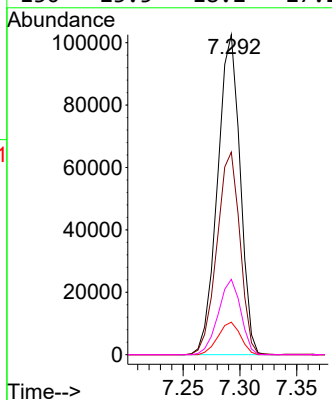
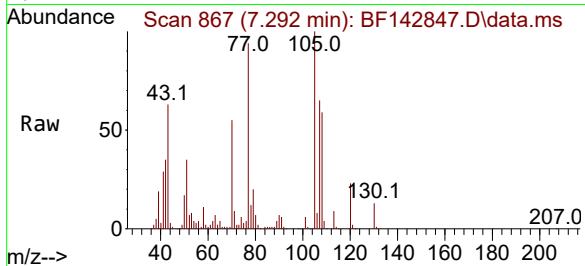


#19
n-Nitroso-di-n-propylamine
Concen: 41.511 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion: 70 Resp: 141947

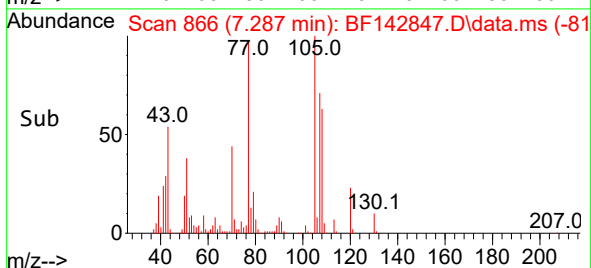
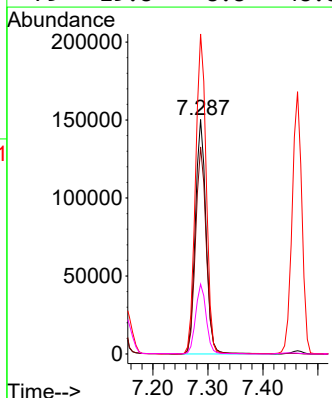
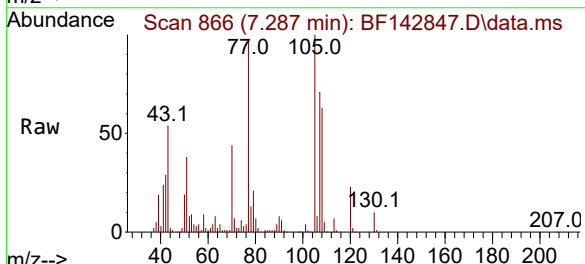
Ion	Ratio	Lower	Upper
70	100		
42	63.3	52.1	78.1
101	10.1	8.2	12.2
130	23.5	18.2	27.2

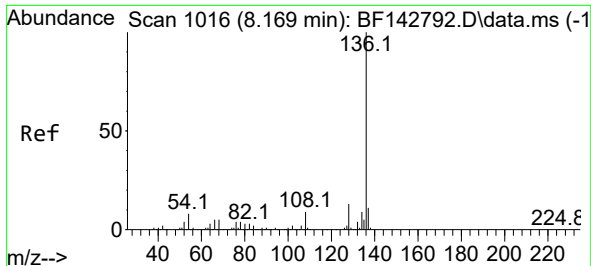


#20
3+4-Methylphenols
Concen: 39.981 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 107 Resp: 203073

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.0	110.0
77	136.5	98.5	138.5
79	29.8	8.8	48.8

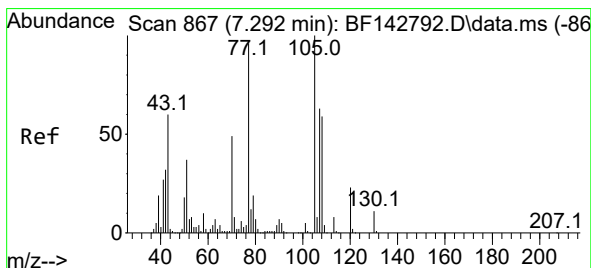
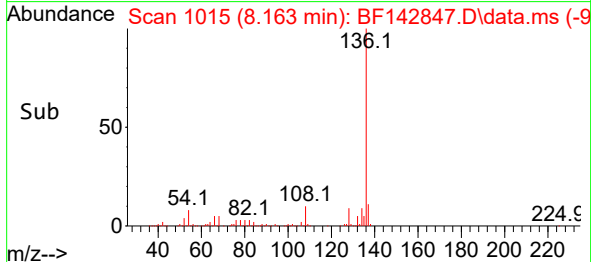
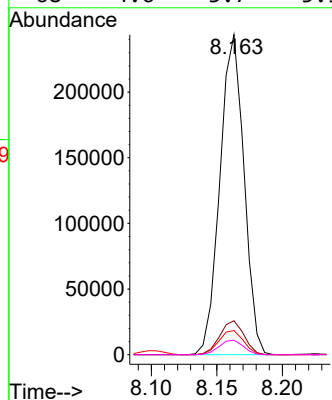
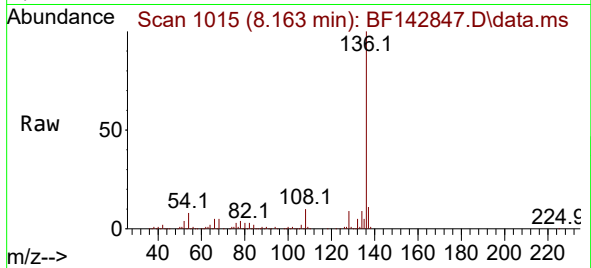




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

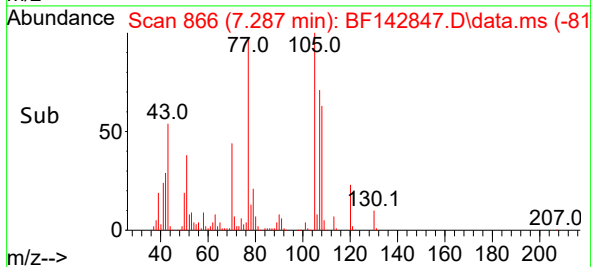
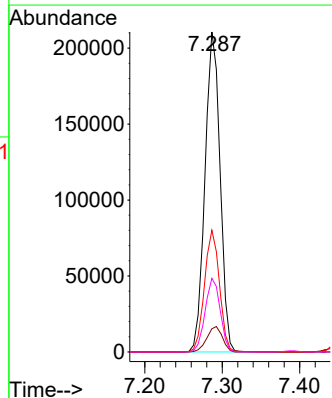
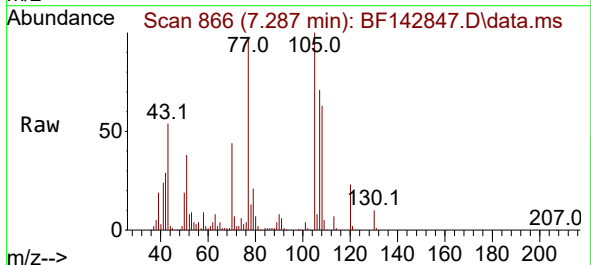
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

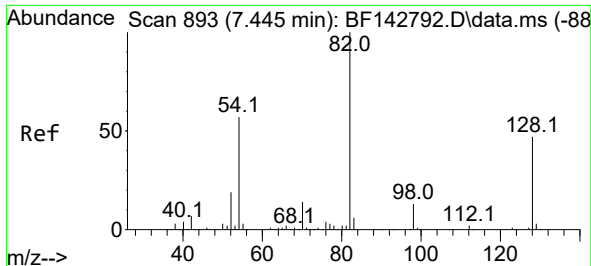
Tgt Ion:136 Resp: 310770
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.6 6.3 9.5
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 41.584 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:105 Resp: 284980
Ion Ratio Lower Upper
105 100
71 7.3 6.5 9.7
51 38.1 29.8 44.8
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.989 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

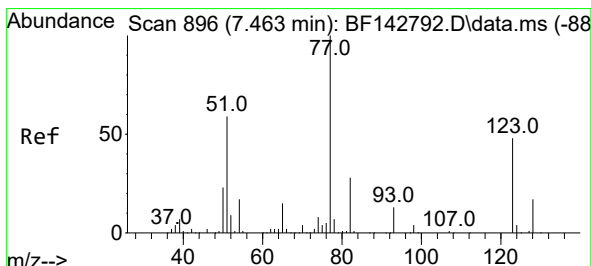
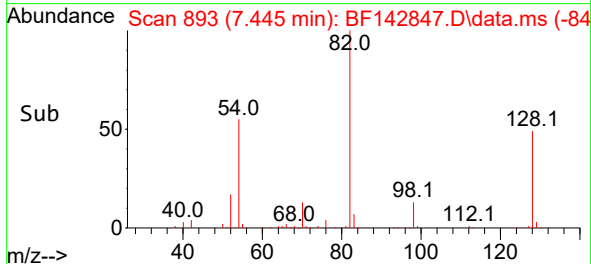
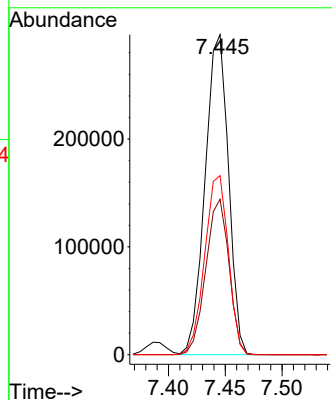
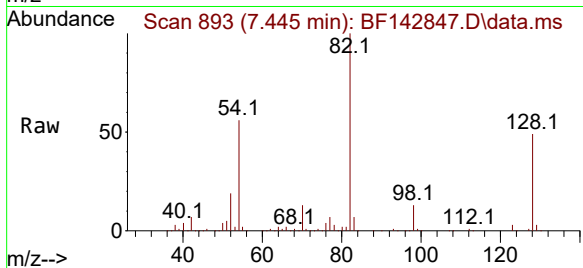
BNA_F

ClientSampleId :

SU-1-062025MSD

Tgt Ion: 82 Resp: 424869

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	56.0	45.7	68.5



#24

Nitrobenzene

Concen: 40.565 ng

RT: 7.463 min Scan# 896

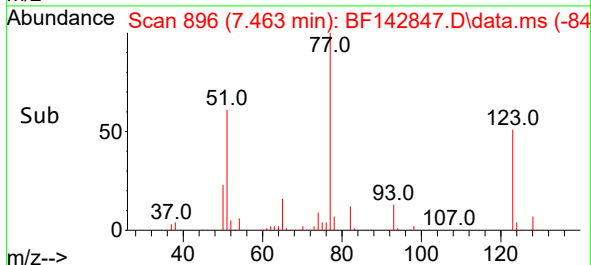
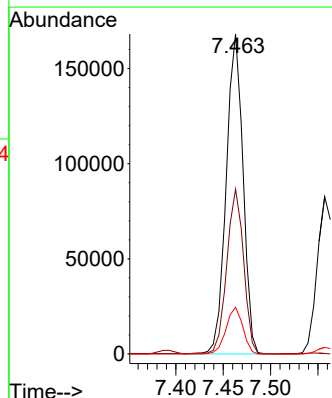
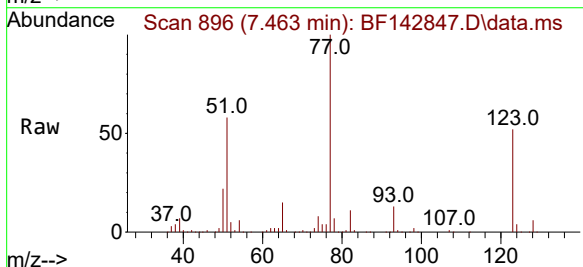
Delta R.T. 0.000 min

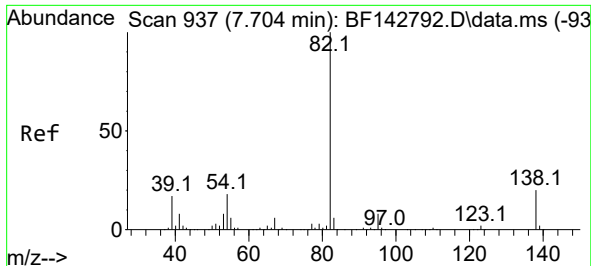
Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Tgt Ion: 77 Resp: 208020

Ion	Ratio	Lower	Upper
77	100		
123	51.5	39.2	58.8
65	14.6	11.6	17.4

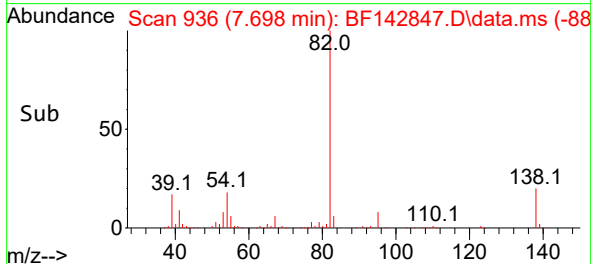
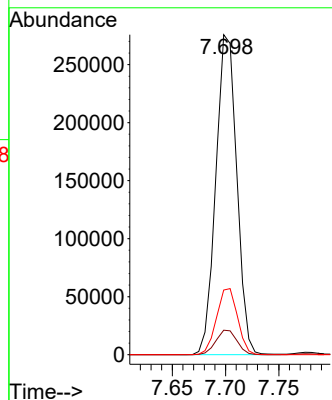
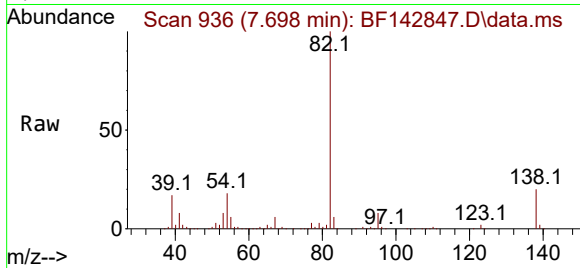




#25
Isophorone
Concen: 41.503 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

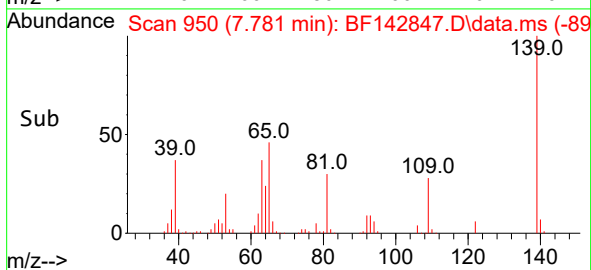
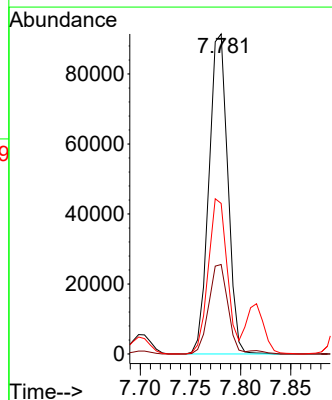
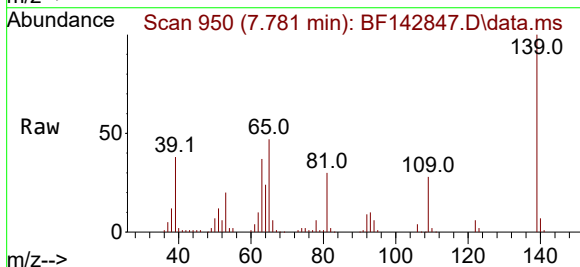
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

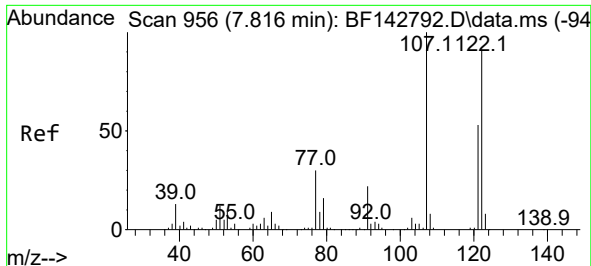
Tgt Ion: 82 Resp: 377210
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 42.776 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:139 Resp: 119491
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 47.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.353 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

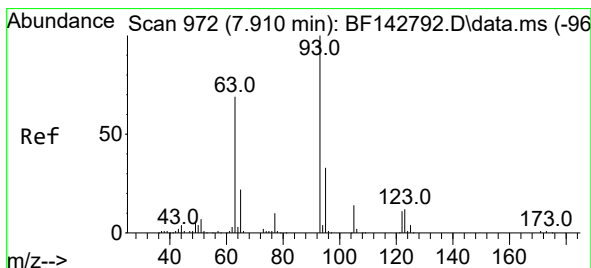
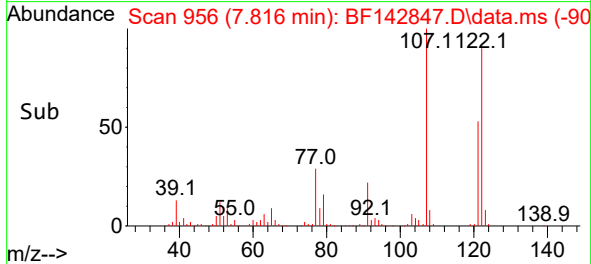
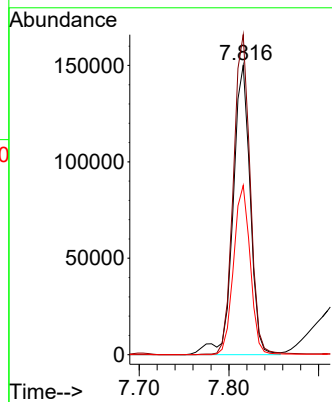
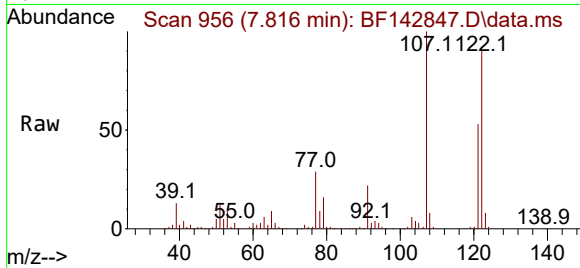
Tgt Ion:122 Resp: 200094

Ion Ratio Lower Upper

122 100

107 110.5 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.860 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

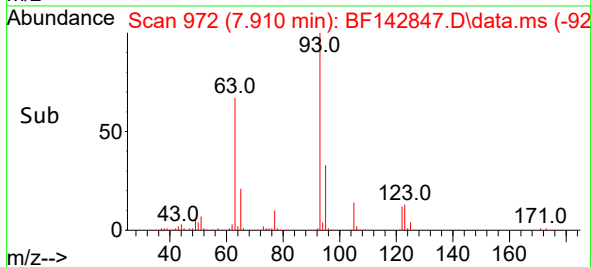
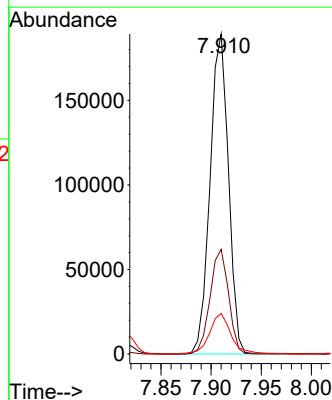
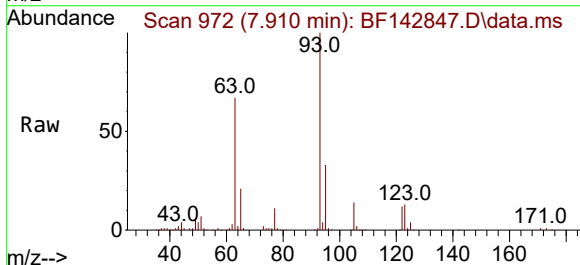
Tgt Ion: 93 Resp: 241876

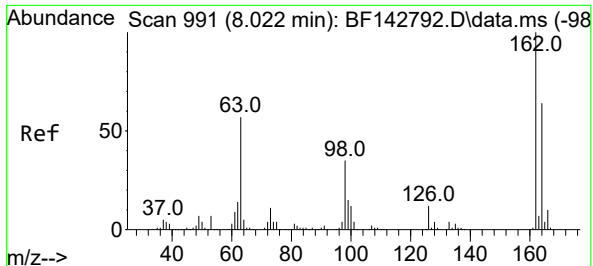
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.905 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

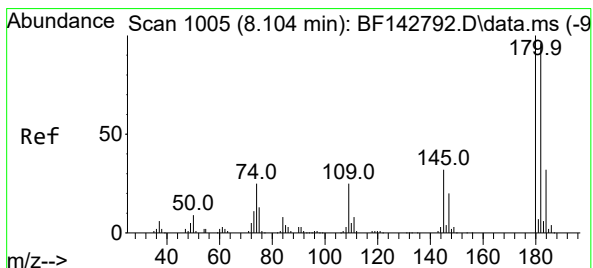
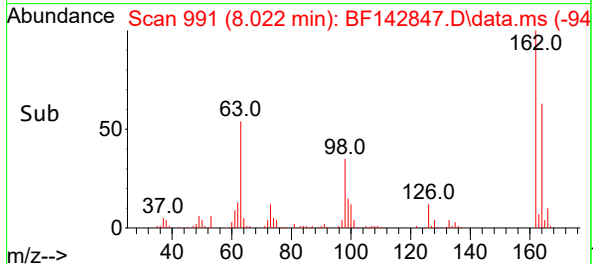
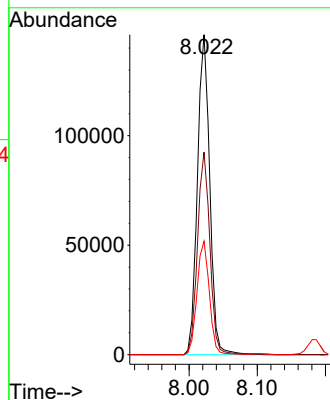
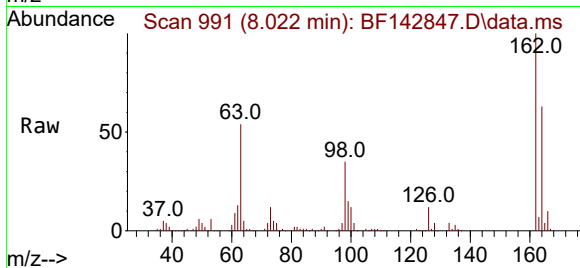
Tgt Ion:162 Resp: 183851

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 35.4 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 40.237 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

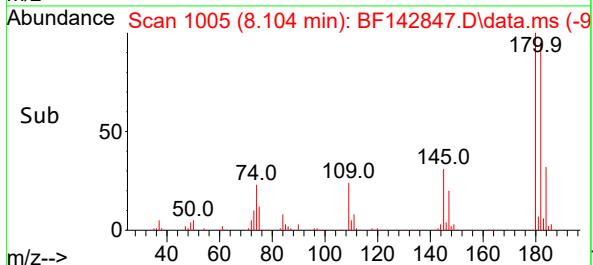
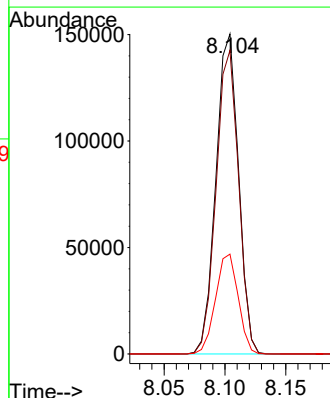
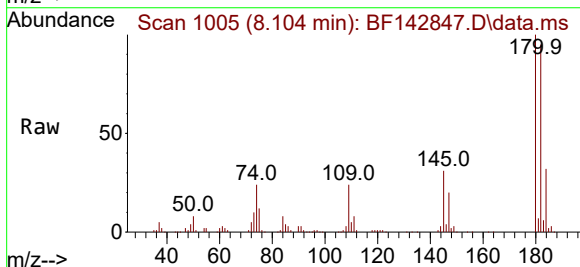
Tgt Ion:180 Resp: 194118

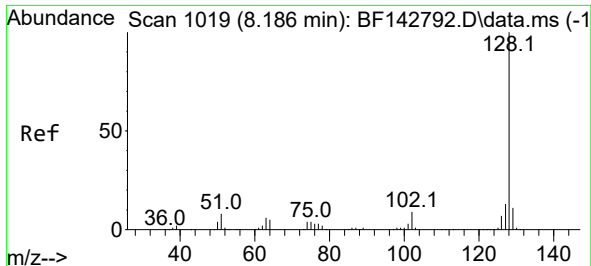
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.2 25.8 38.8

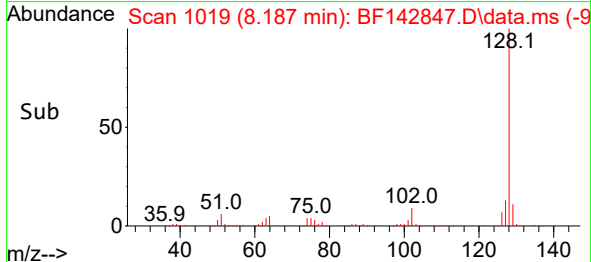
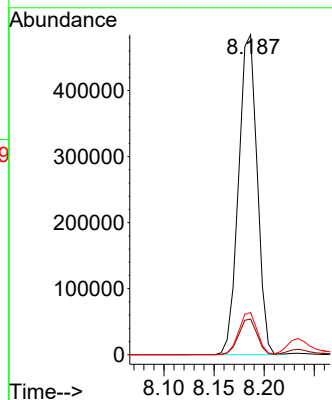
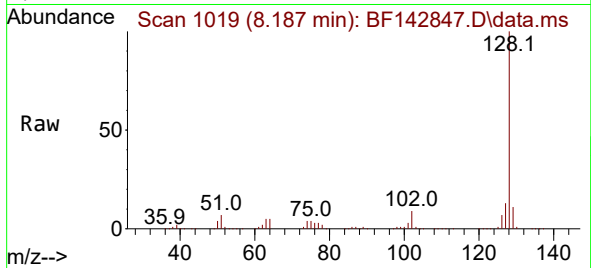




#31
Naphthalene
Concen: 41.252 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

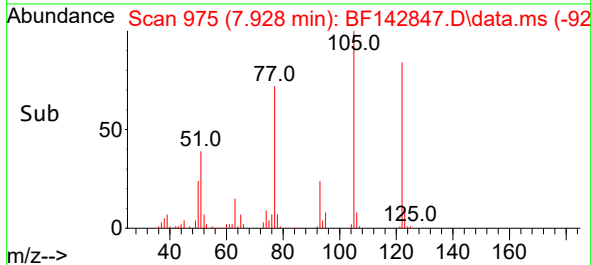
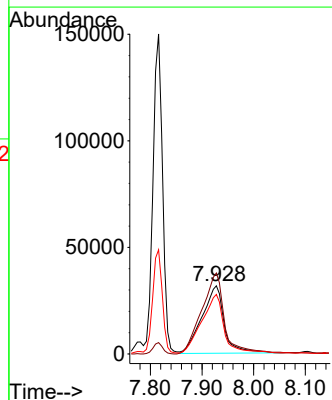
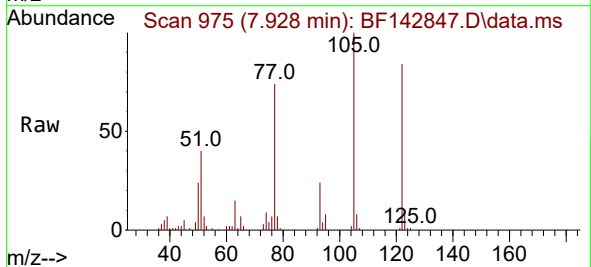
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

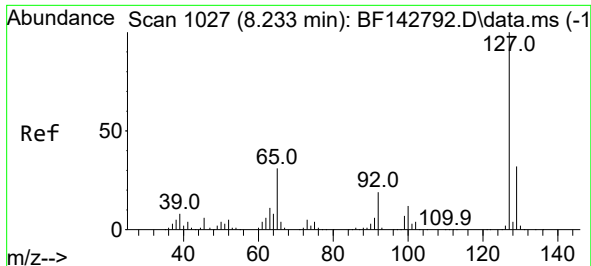
Tgt Ion:128 Resp: 627508
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 38.553 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:122 Resp: 95081
Ion Ratio Lower Upper
122 100
105 118.7 104.7 144.7
77 87.5 70.2 110.2

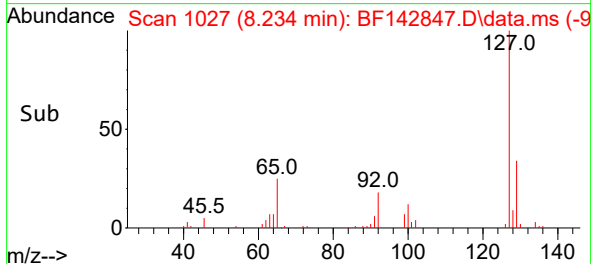
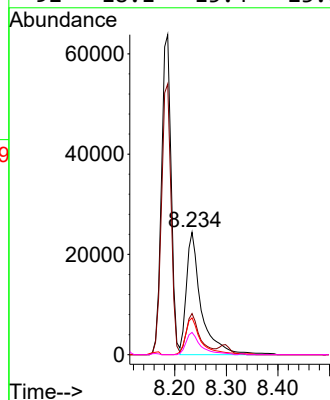
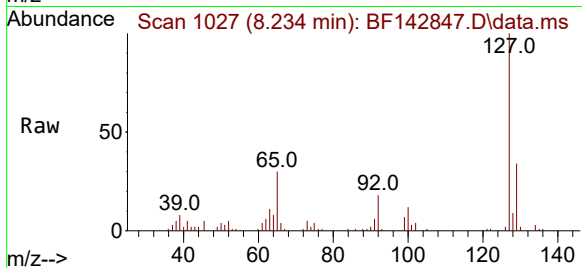




#33
4-Chloroaniline
Concen: 7.877 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

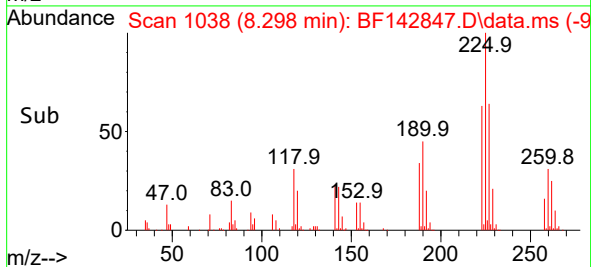
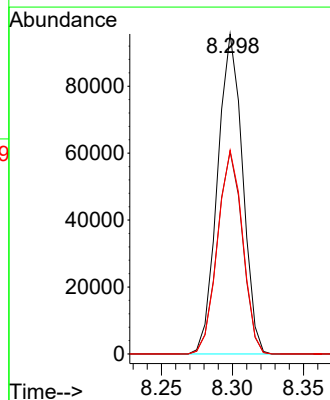
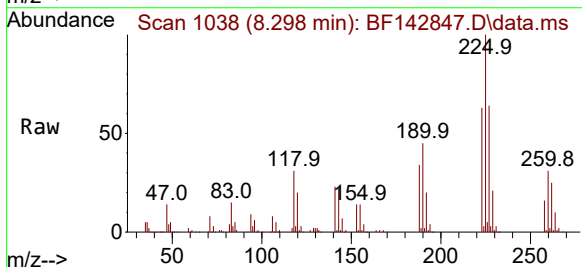
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

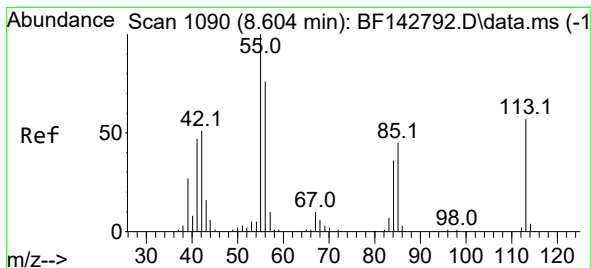
Tgt Ion:127	Resp:	48724
Ion	Ratio	Lower Upper
127	100	
129	33.6	25.9 38.9
65	30.1	24.6 36.8
92	18.1	15.4 23.0



#34
Hexachlorobutadiene
Concen: 39.684 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:225	Resp:	117109
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.9 74.9
227	63.6	51.4 77.0





#35

Caprolactam

Concen: 33.151 ng

RT: 8.604 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

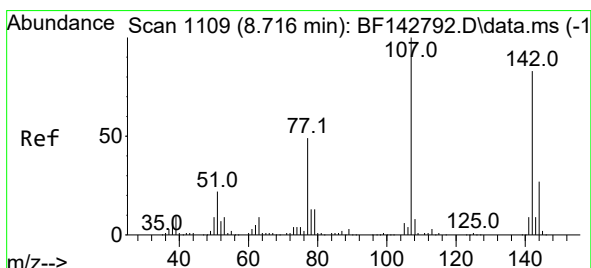
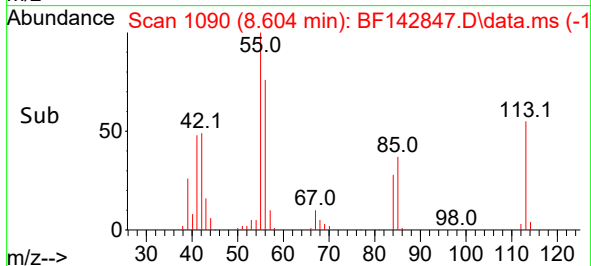
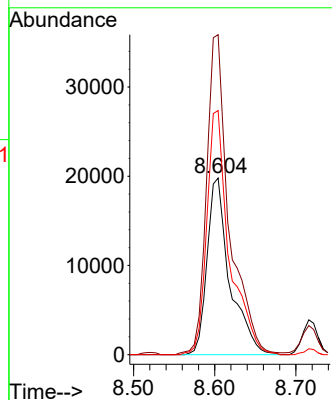
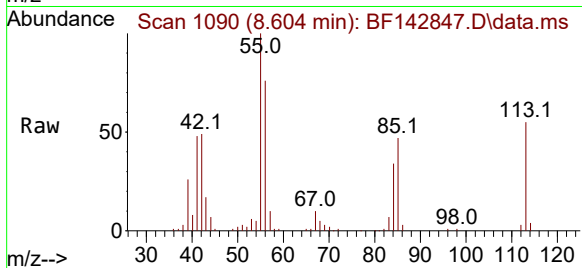
Tgt Ion:113 Resp: 38380

Ion Ratio Lower Upper

113 100

55 181.2 154.4 194.4

56 138.3 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 40.109 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

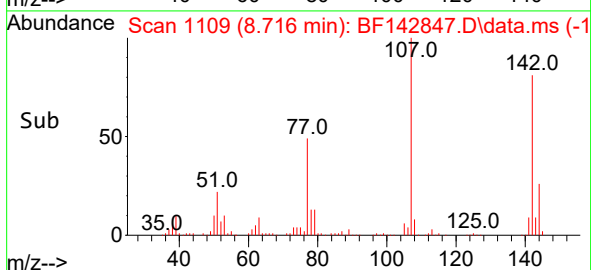
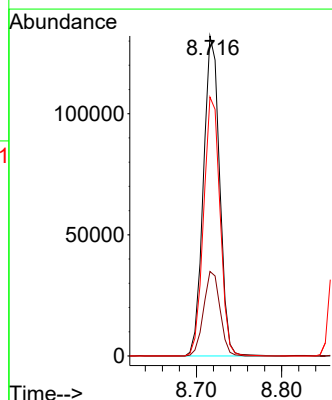
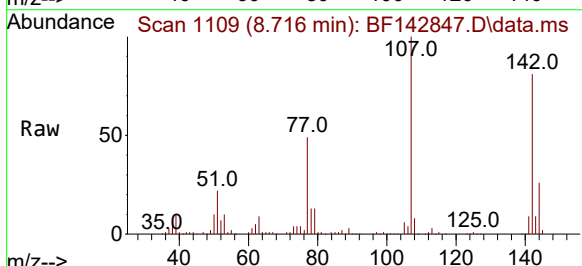
Tgt Ion:107 Resp: 174889

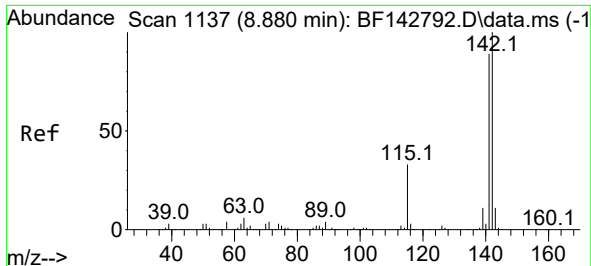
Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

142 80.9 66.6 100.0

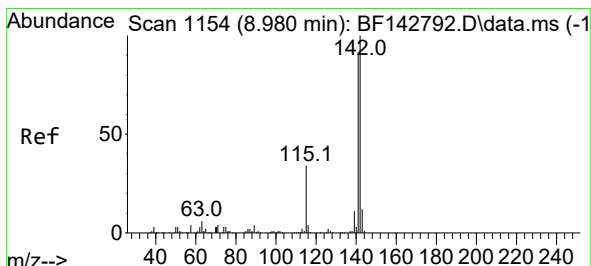
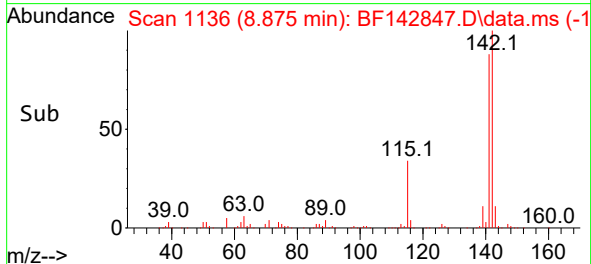
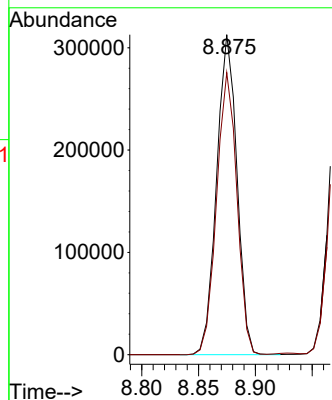
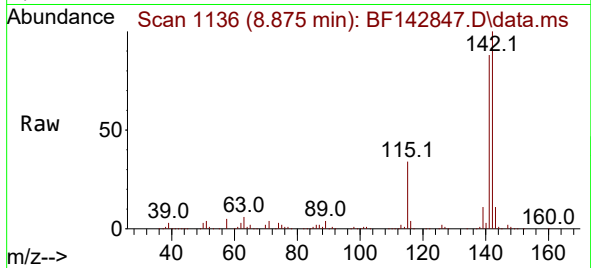




#37
2-Methylnaphthalene
Concen: 41.285 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

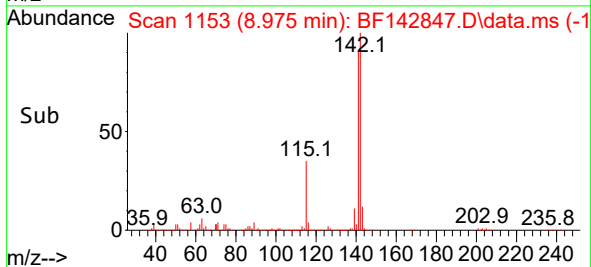
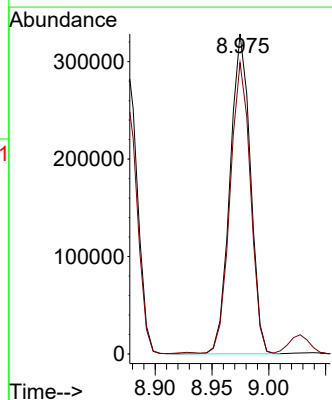
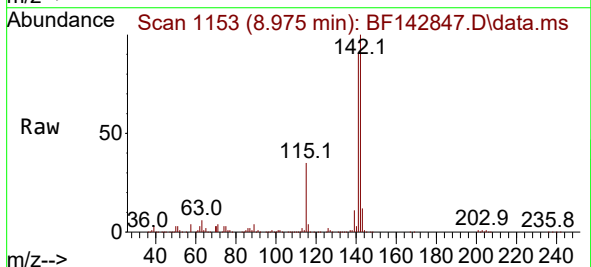
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:142 Resp: 389348
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.920 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:142 Resp: 409247
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4

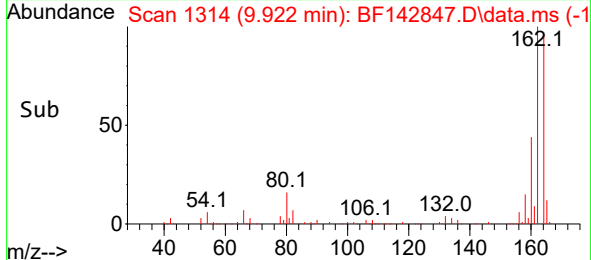
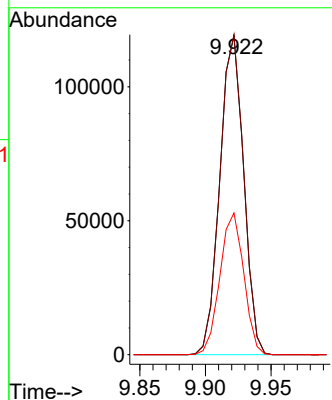
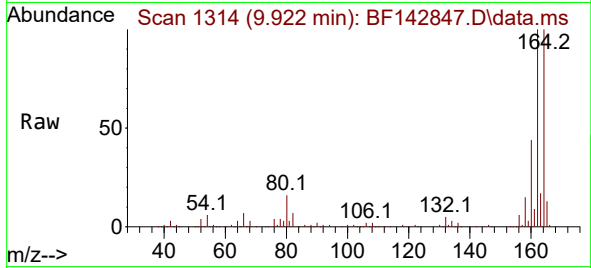




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

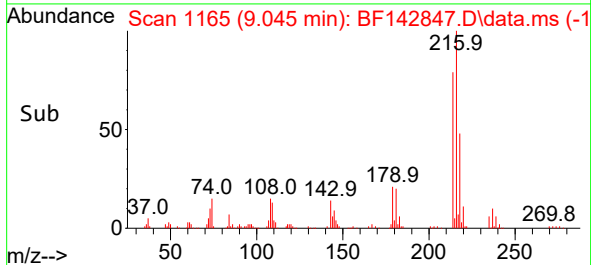
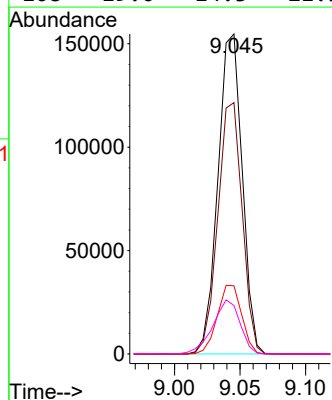
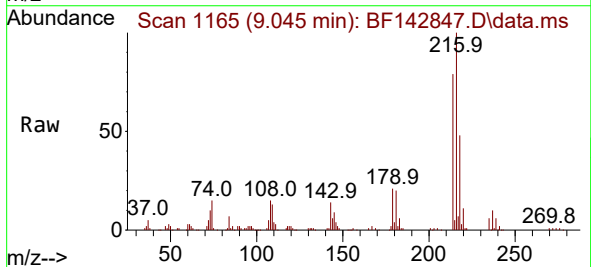
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:164 Resp: 150165
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.8
160 44.5 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.913 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:216 Resp: 199005
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 21.6 17.6 26.4
108 19.0 14.3 21.5

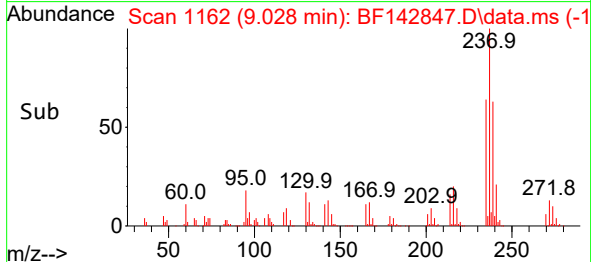
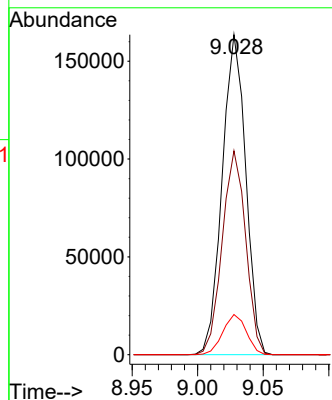
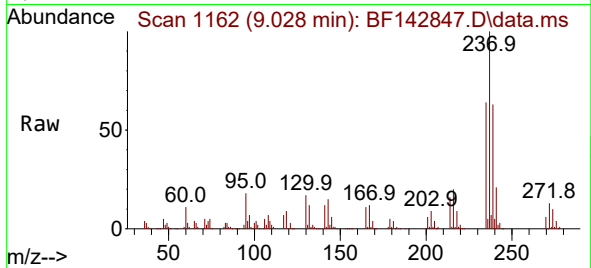




#41
Hexachlorocyclopentadiene
Concen: 81.160 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

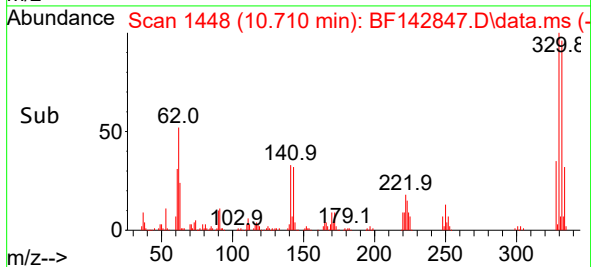
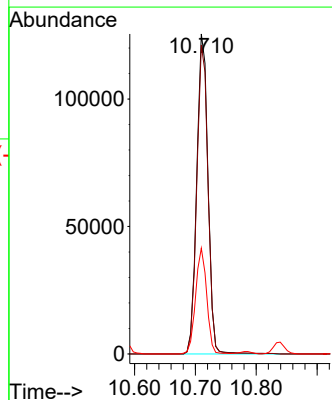
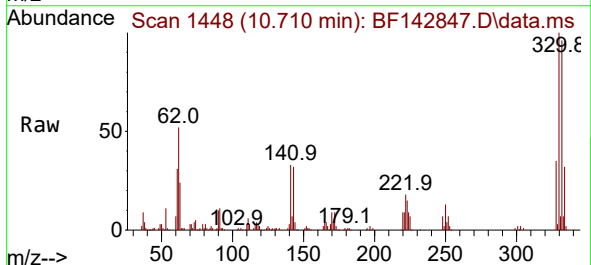
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

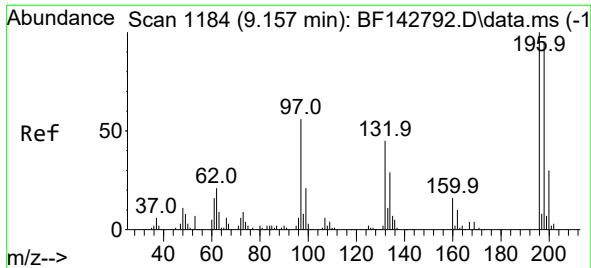
Tgt Ion:237 Resp: 204072
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 104.000 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:330 Resp: 160712
Ion Ratio Lower Upper
330 100
332 96.6 75.0 112.6
141 32.8 25.3 37.9

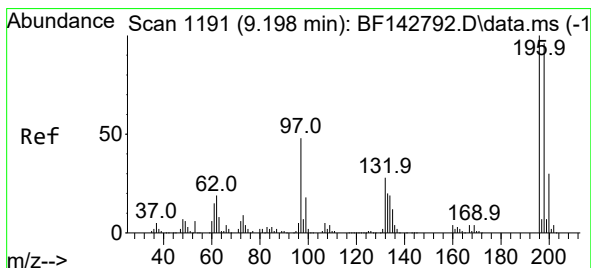
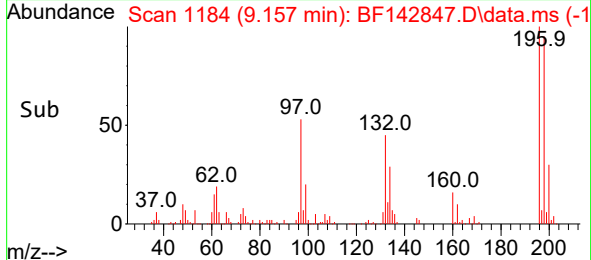
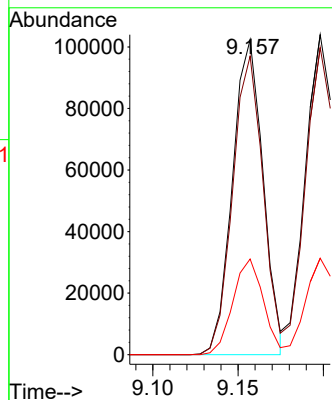
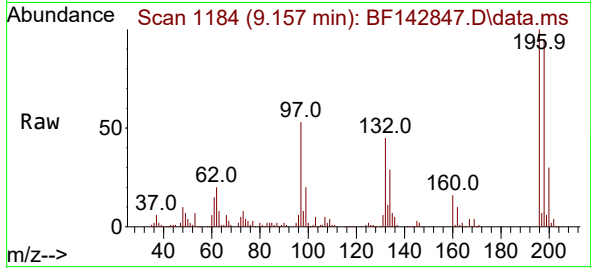




#43
2,4,6-Trichlorophenol
Concen: 44.237 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

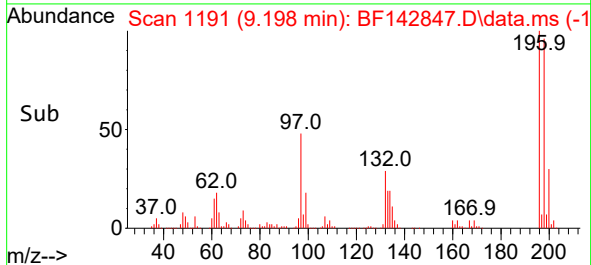
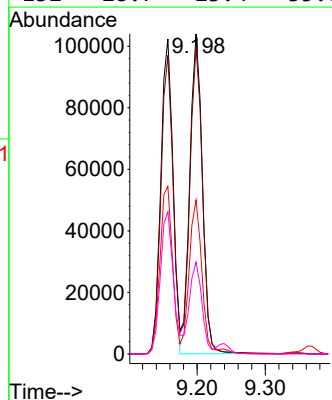
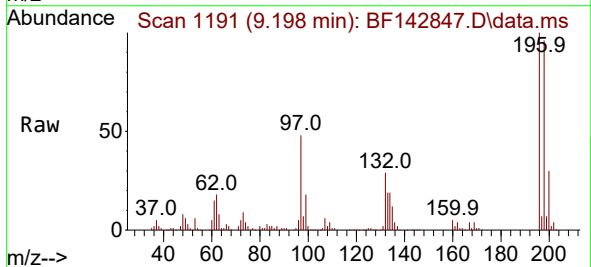
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

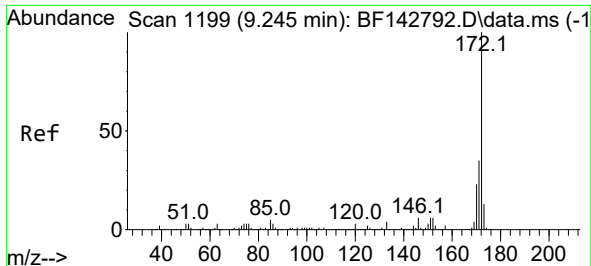
Tgt Ion:196 Resp: 127725
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.622 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:196 Resp: 132583
Ion Ratio Lower Upper
196 100
198 96.0 76.6 115.0
97 48.1 38.2 57.2
132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.044 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

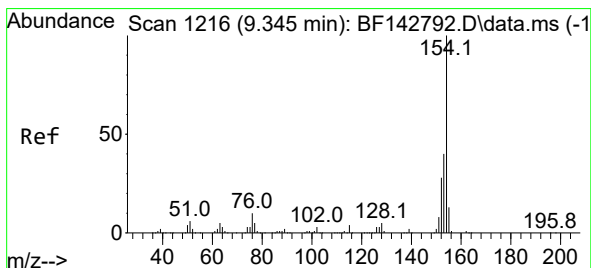
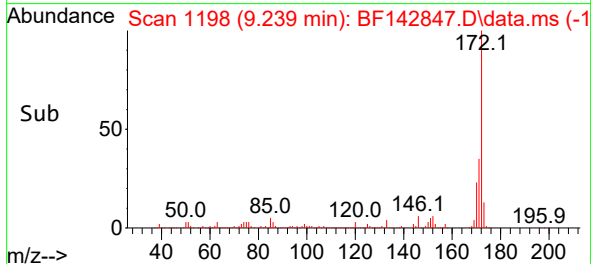
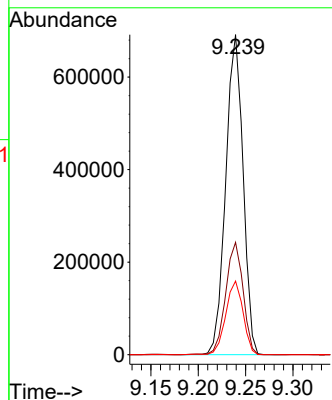
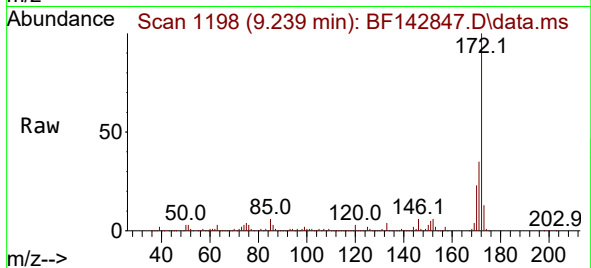
Tgt Ion:172 Resp: 880680

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 43.987 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

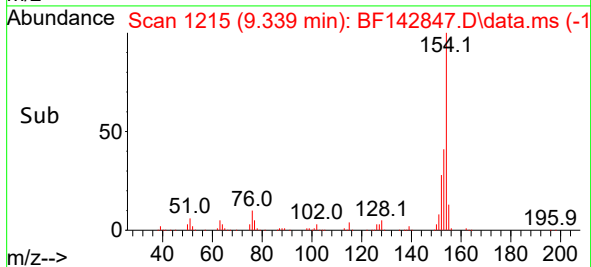
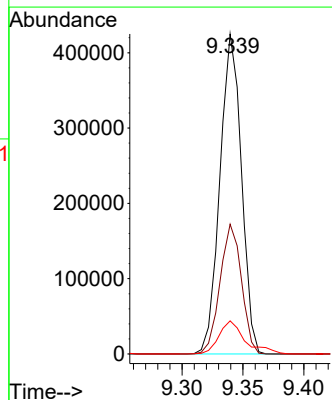
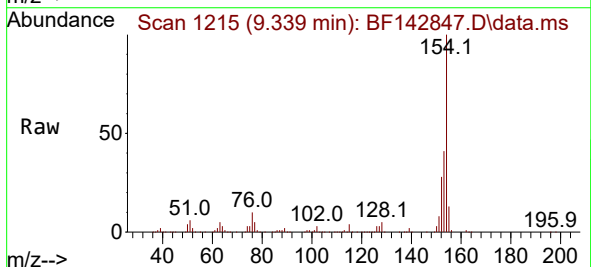
Tgt Ion:154 Resp: 521779

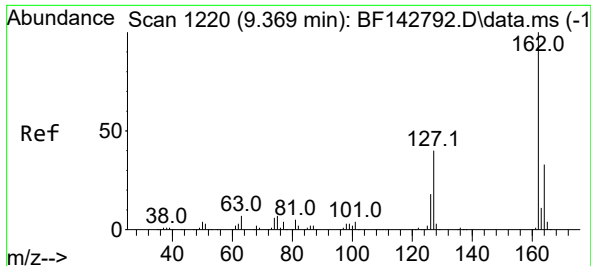
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 10.3 0.0 30.3

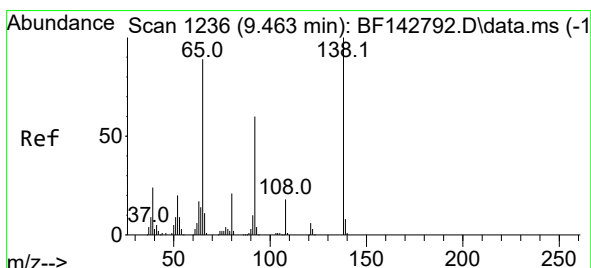
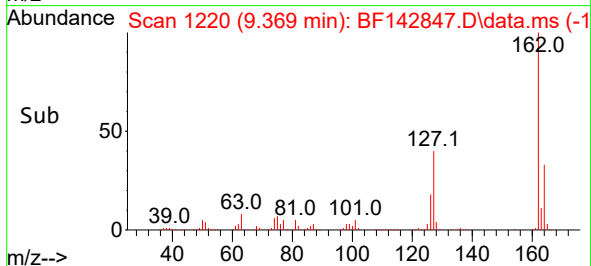
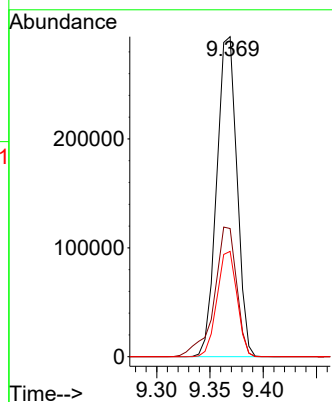
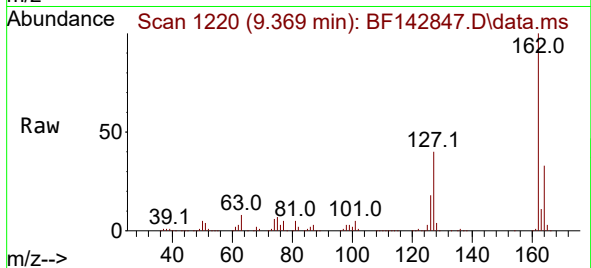




#47
2-Chloronaphthalene
Concen: 43.555 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

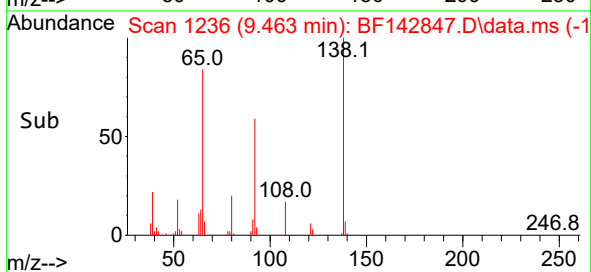
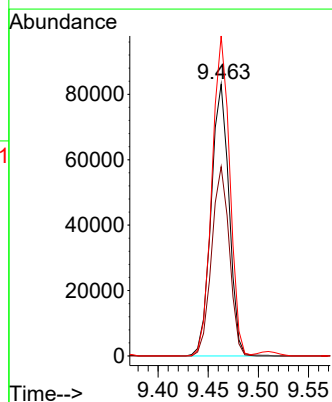
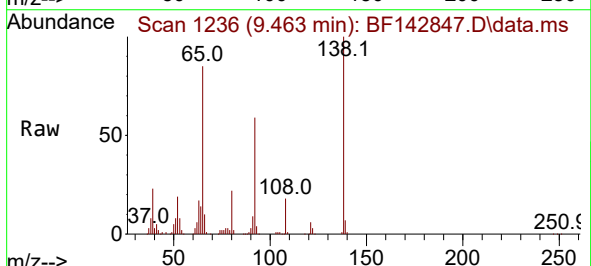
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

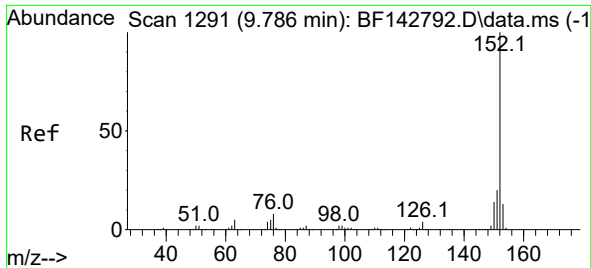
Tgt Ion:162 Resp: 387711
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 41.447 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion: 65 Resp: 103438
Ion Ratio Lower Upper
65 100
92 69.7 53.8 80.6
138 117.8 89.6 134.4

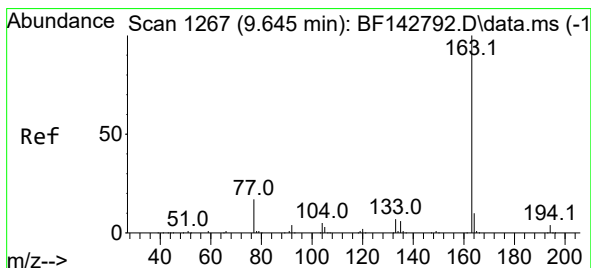
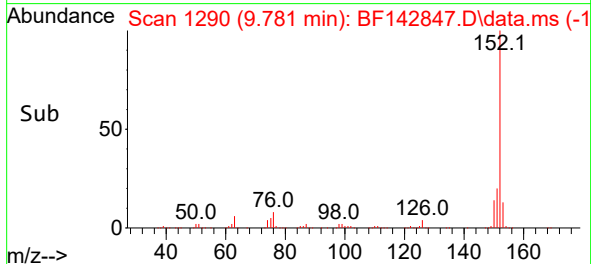
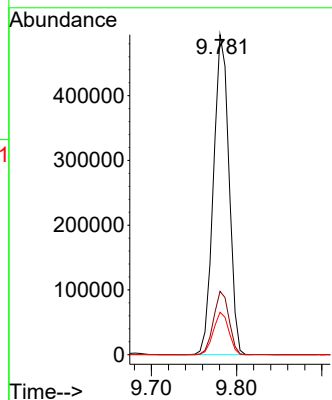
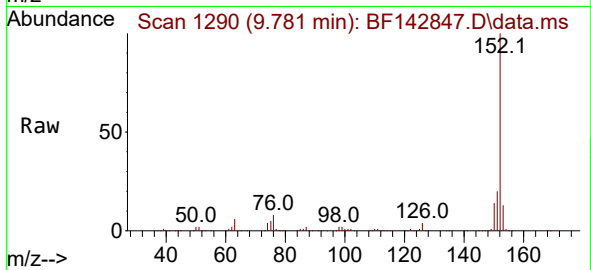




#49
Acenaphthylene
Concen: 42.565 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

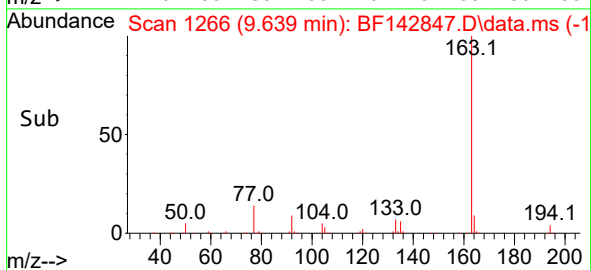
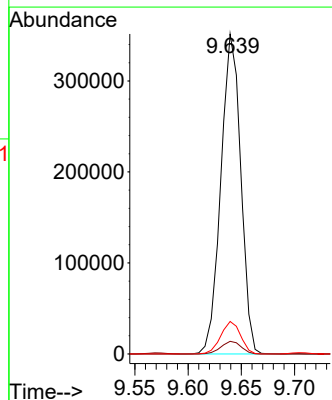
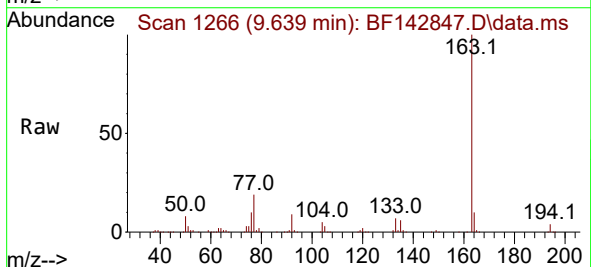
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

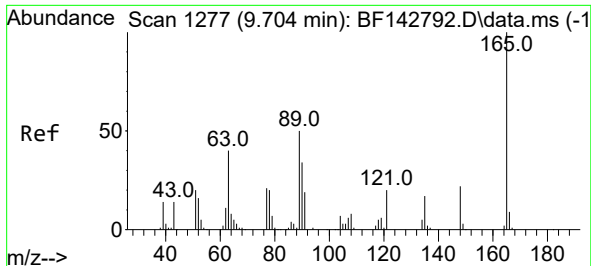
Tgt Ion:152 Resp: 623749
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 46.944 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:163 Resp: 456303
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.0 12.0

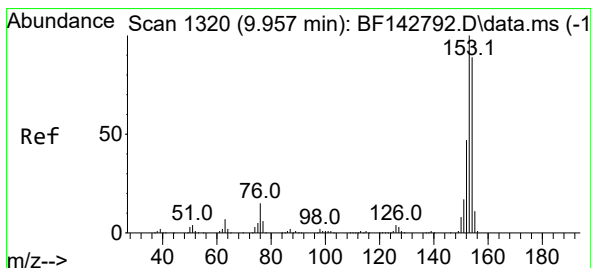
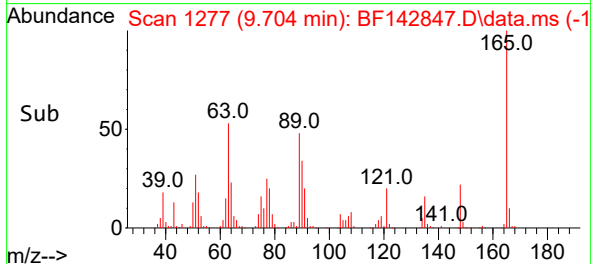
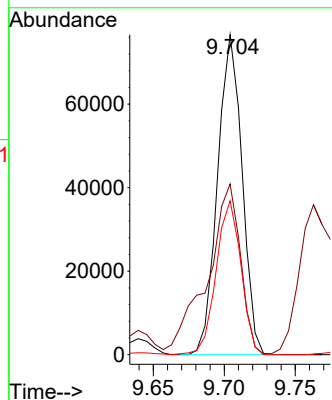
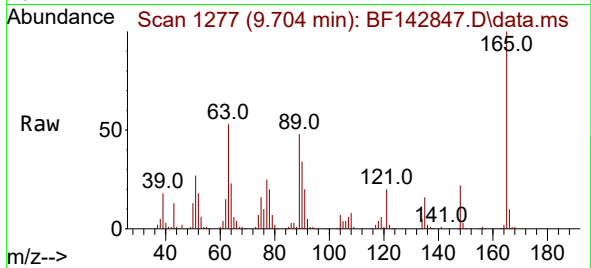




#51
2,6-Dinitrotoluene
Concen: 43.004 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

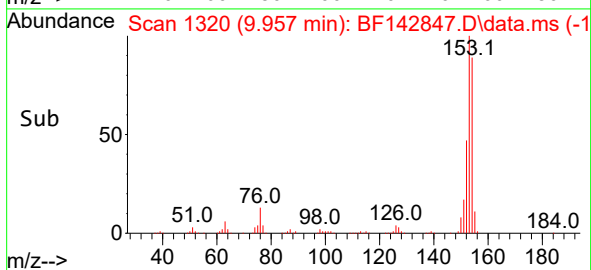
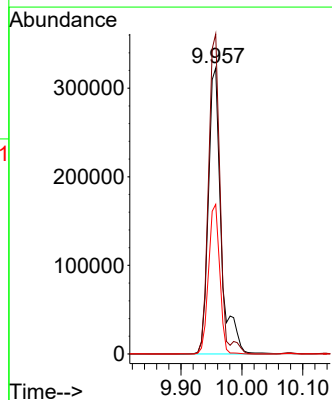
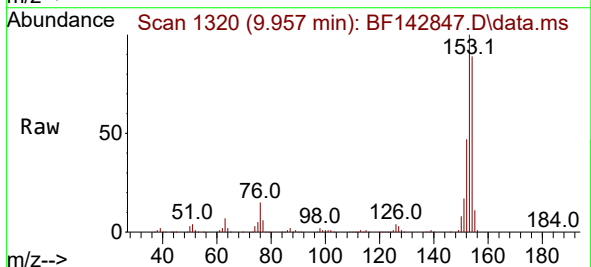
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:165 Resp: 91799
Ion Ratio Lower Upper
165 100
63 53.3 44.2 66.4
89 48.1 39.8 59.8



#52
Acenaphthene
Concen: 52.568 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:154 Resp: 470004
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.3 41.9 62.9

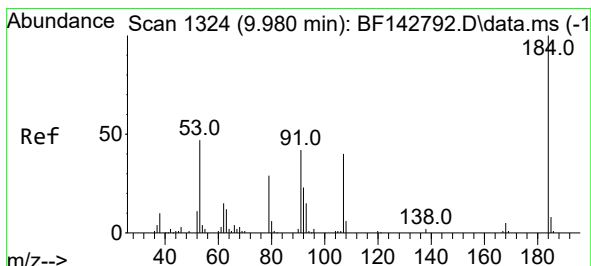
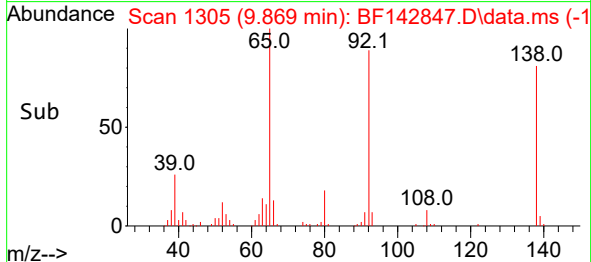
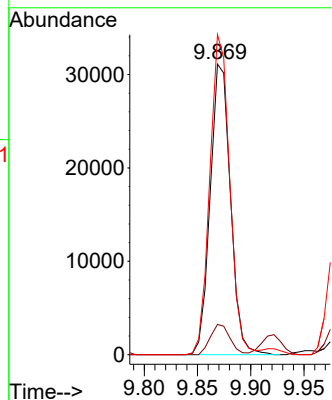
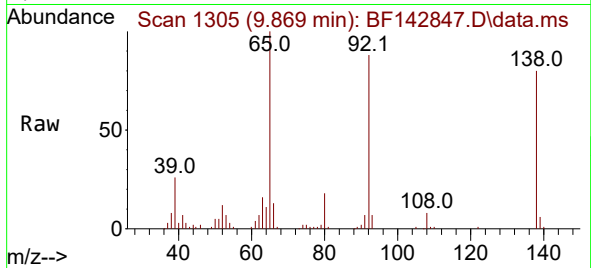




#53
3-Nitroaniline
Concen: 17.532 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

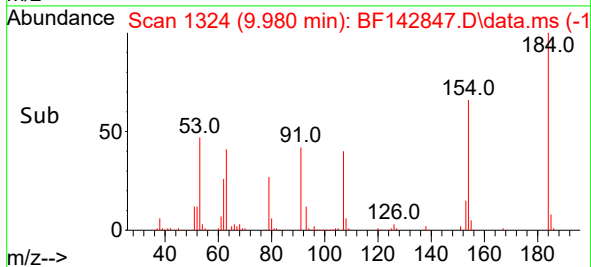
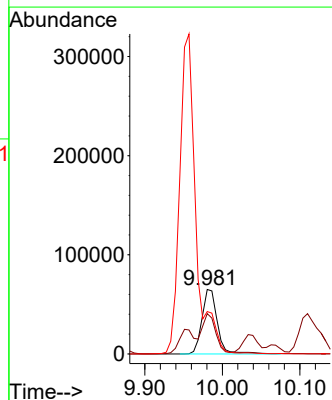
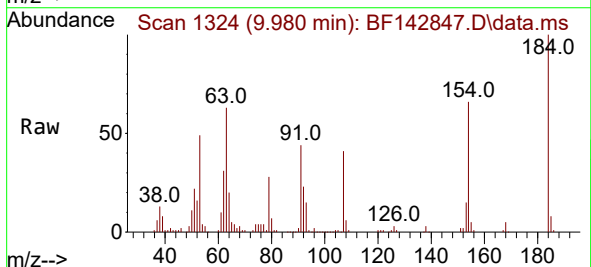
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

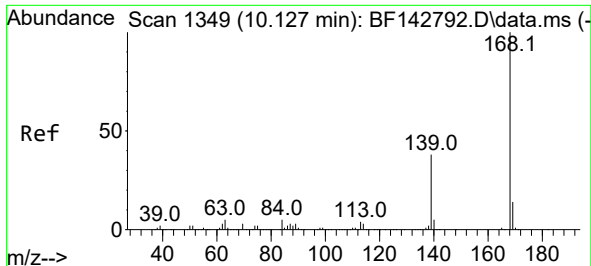
Tgt Ion:138 Resp: 41204
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 110.2 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 83.811 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:184 Resp: 89582
Ion Ratio Lower Upper
184 100
63 62.6 50.6 75.8
154 65.9 51.8 77.8

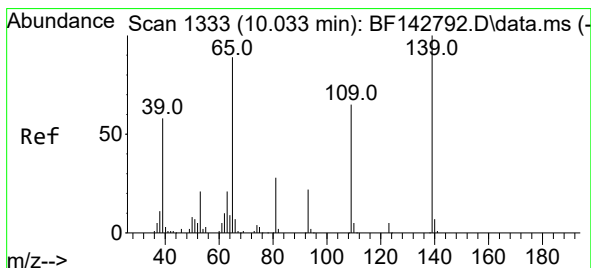
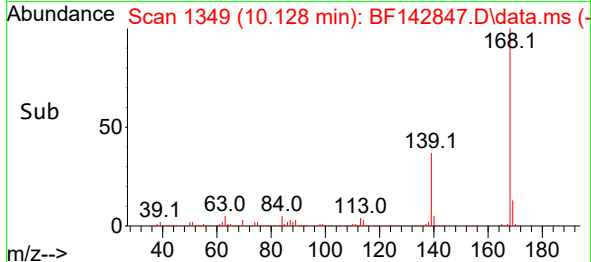
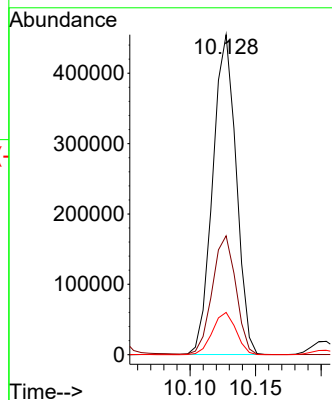
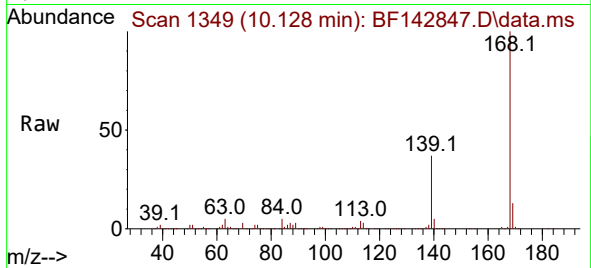




#55
Dibenzenofuran
Concen: 44.029 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

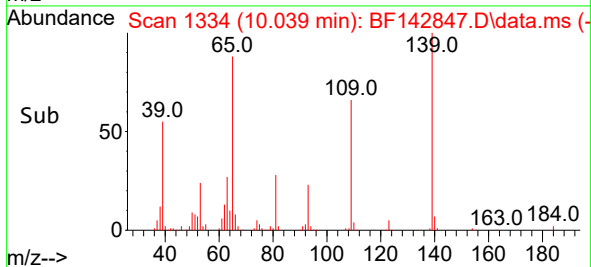
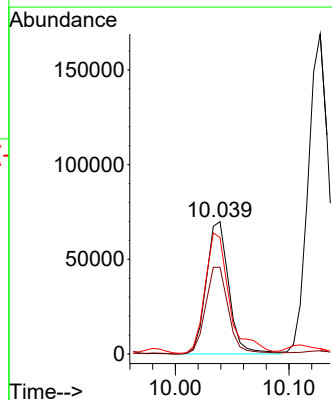
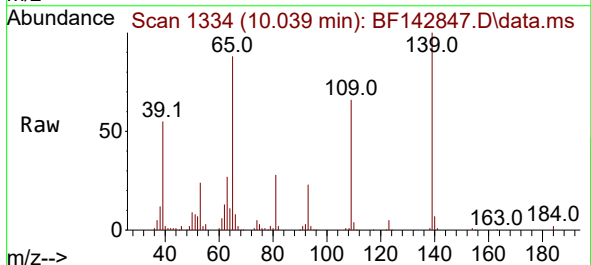
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

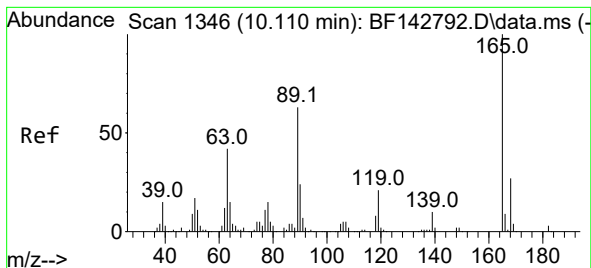
Tgt Ion:168 Resp: 564490
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 59.971 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:139 Resp: 96494
Ion Ratio Lower Upper
139 100
109 65.5 44.7 84.7
65 88.0 69.8 109.8

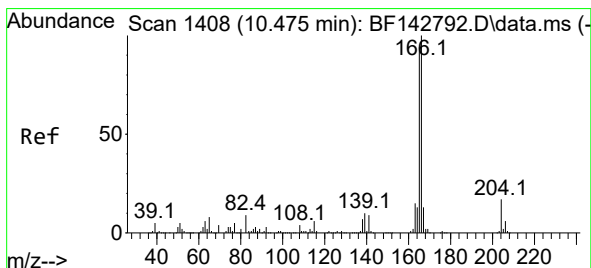
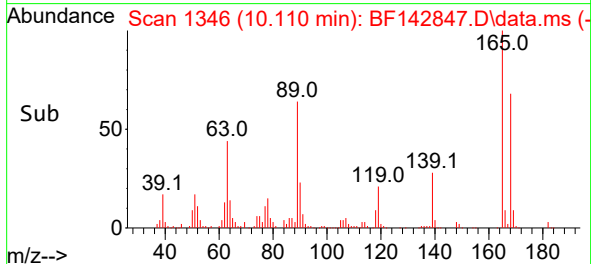
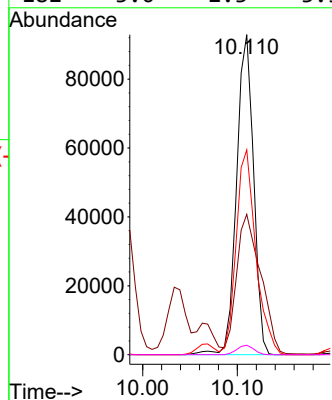
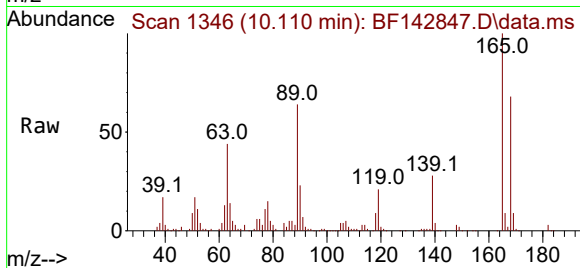




#57
2,4-Dinitrotoluene
Concen: 40.758 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

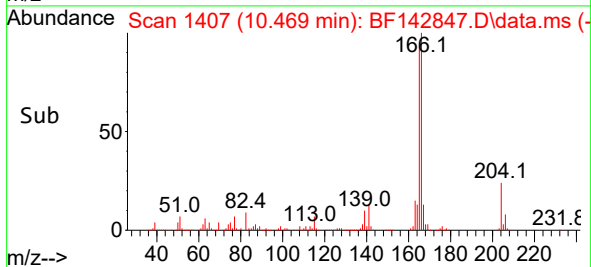
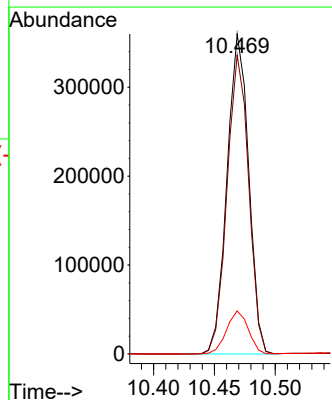
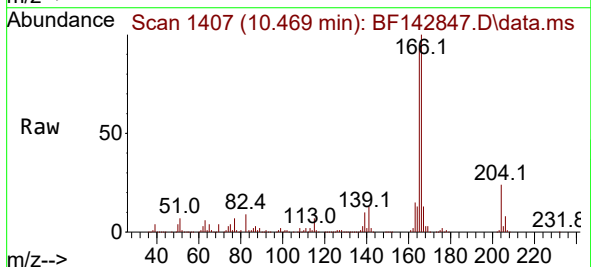
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:165 Resp: 115569
Ion Ratio Lower Upper
165 100
63 43.9 33.9 50.9
89 64.0 50.6 75.8
182 3.0 2.3 3.5



#58
Fluorene
Concen: 44.474 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:166 Resp: 445318
Ion Ratio Lower Upper
166 100
165 93.4 75.2 112.8
167 13.4 10.6 15.8

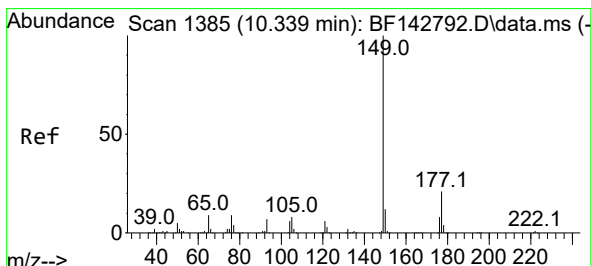
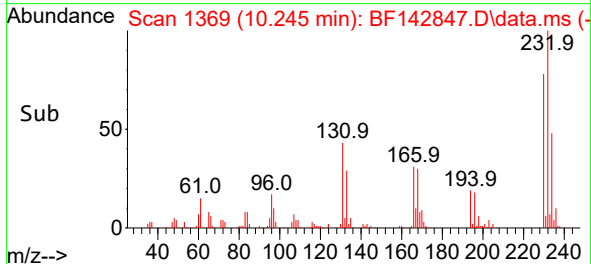
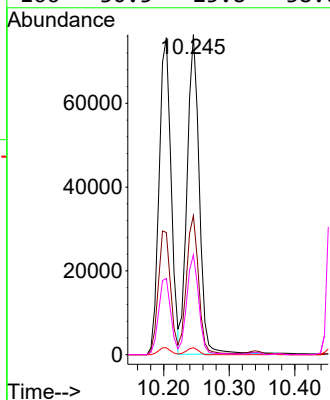
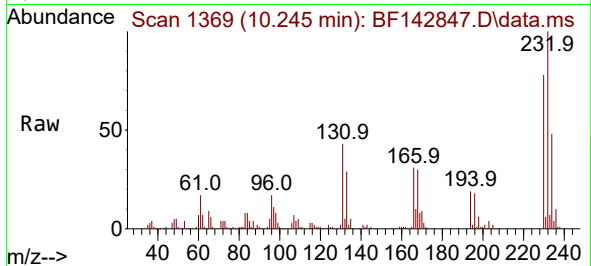




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.733 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

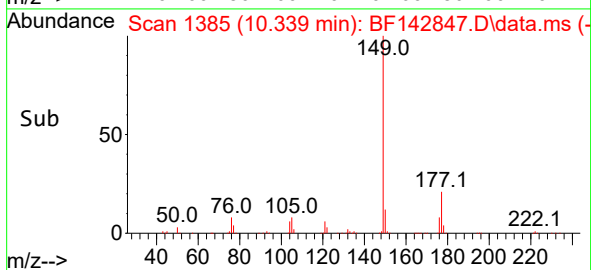
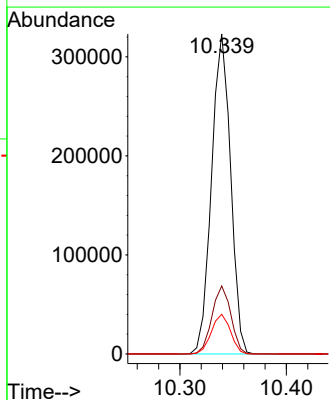
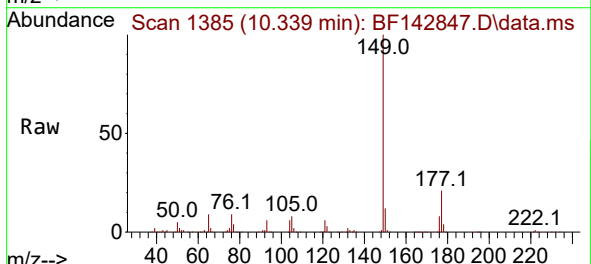
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

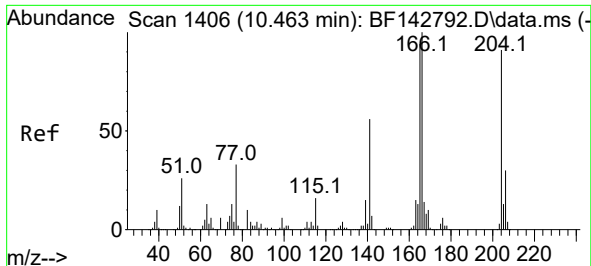
Tgt Ion:232 Resp: 97343
Ion Ratio Lower Upper
232 100
131 43.9 37.6 56.4
130 2.1 1.7 2.5
166 30.5 25.8 38.6



#60
Diethylphthalate
Concen: 41.989 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:149 Resp: 400180
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

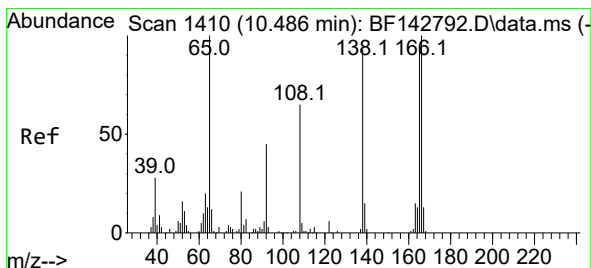
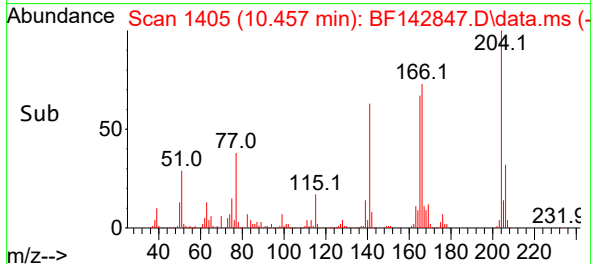
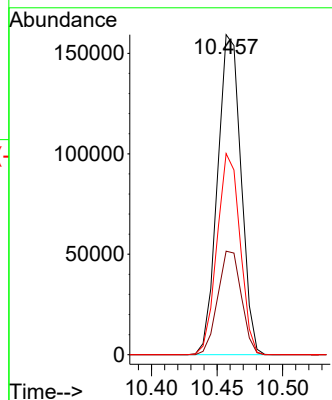
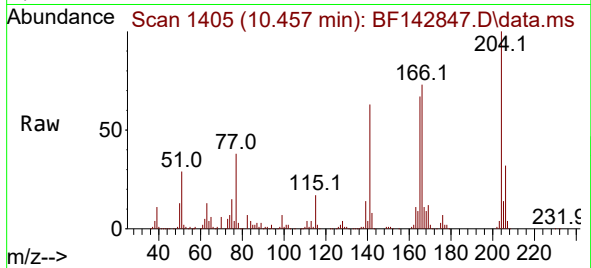




#61
4-Chlorophenyl-phenylether
Concen: 41.462 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

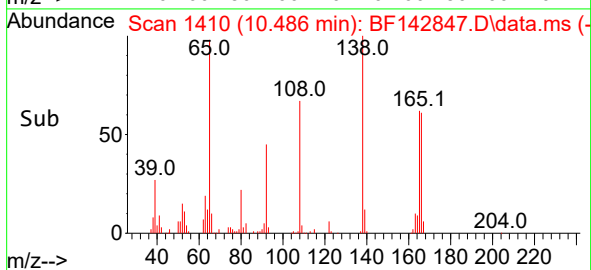
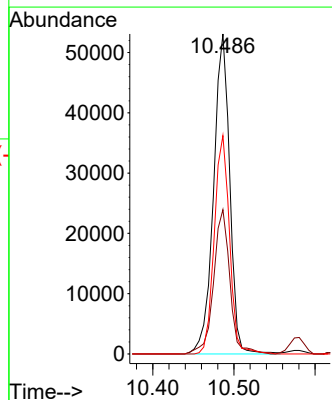
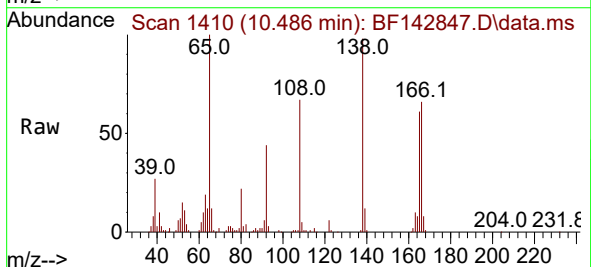
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

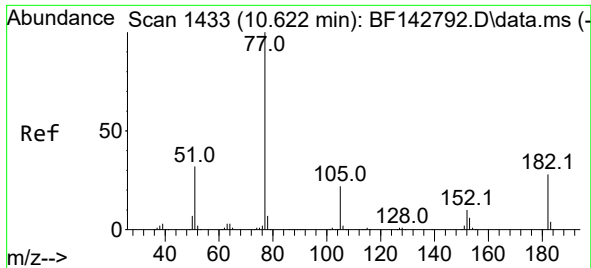
Tgt Ion:204 Resp: 198109
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 62.8 49.1 73.7



#62
4-Nitroaniline
Concen: 34.236 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:138 Resp: 73589
Ion Ratio Lower Upper
138 100
92 45.1 28.4 68.4
108 68.3 50.2 90.2

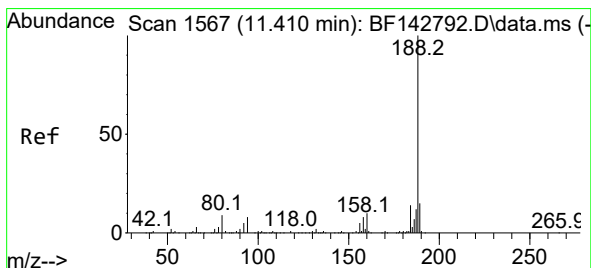
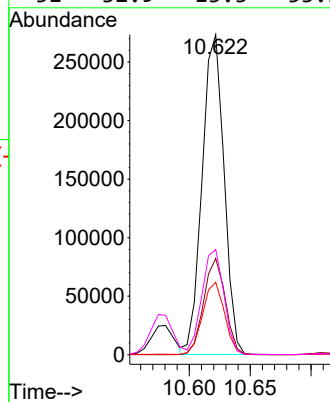
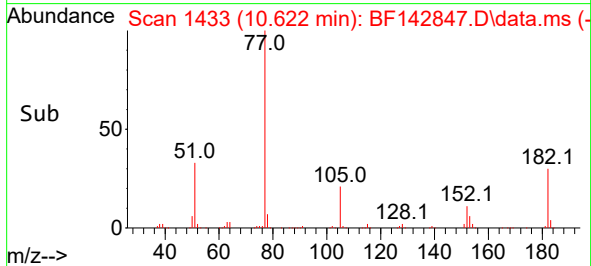
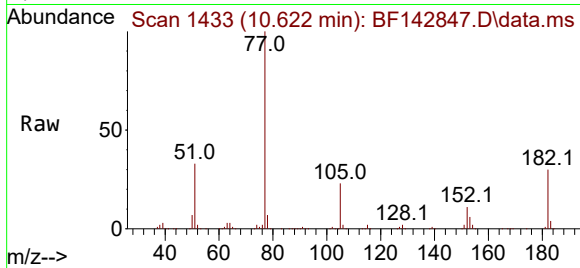




#63
Azobenzene
Concen: 40.189 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

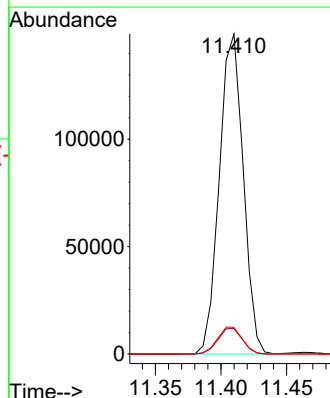
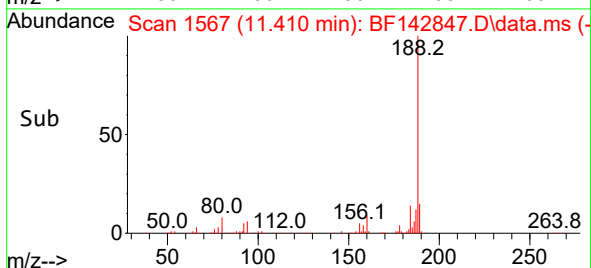
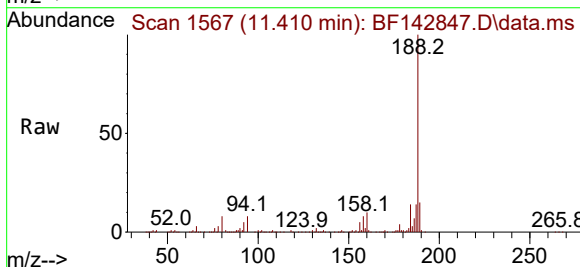
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

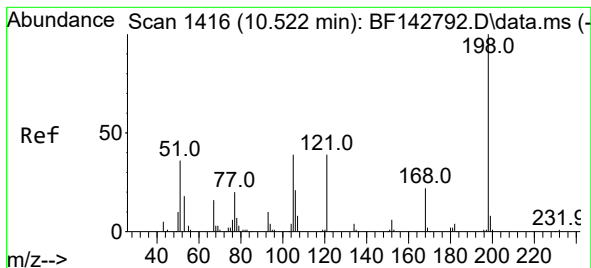
Tgt Ion:	77	Resp:	342327
Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.7	47.7
105	22.6	1.9	41.9
51	32.9	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:	188	Resp:	189094
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.3	6.9	10.3

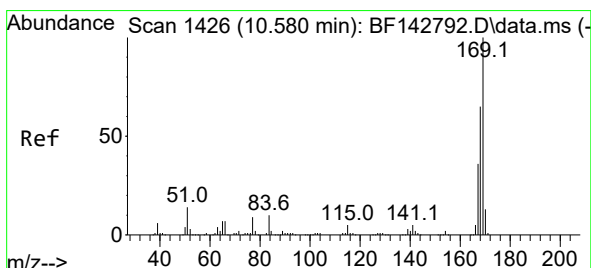
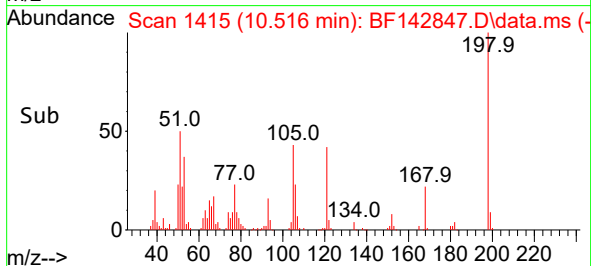
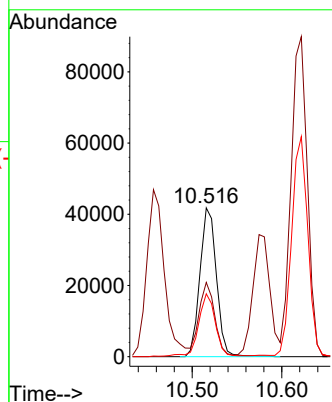
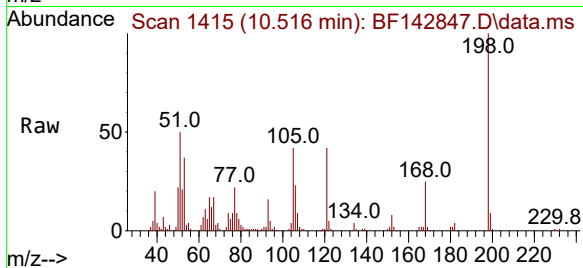




#65
4,6-Dinitro-2-methylphenol
Concen: 46.723 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

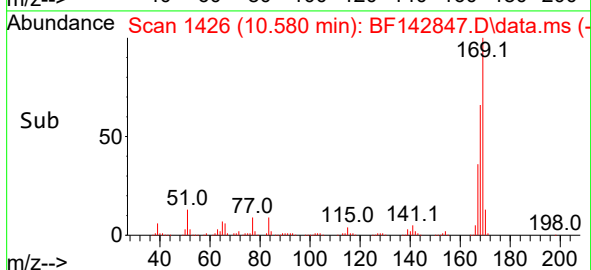
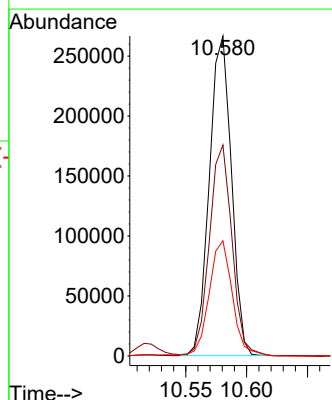
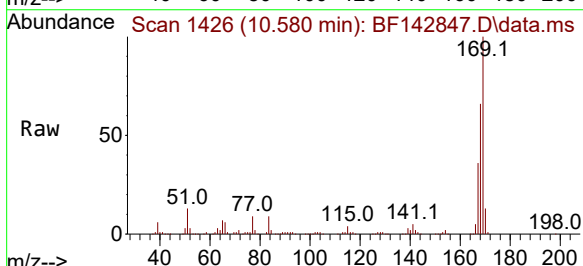
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

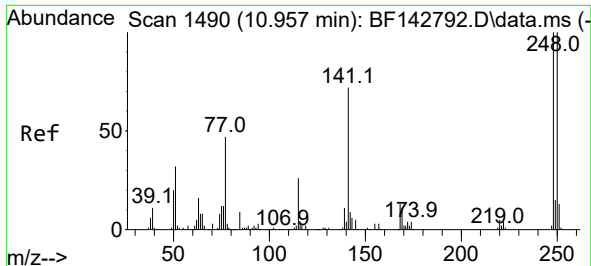
Tgt Ion:198 Resp: 53440
Ion Ratio Lower Upper
198 100
51 49.9 25.4 65.4
105 42.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 51.241 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:169 Resp: 335807
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 36.0 28.5 42.7

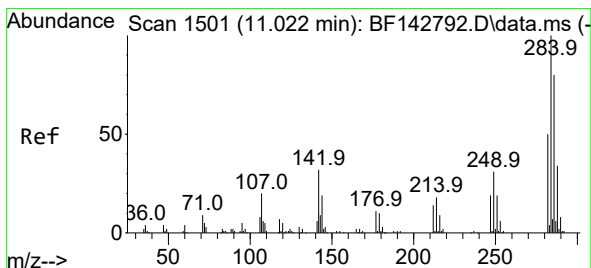
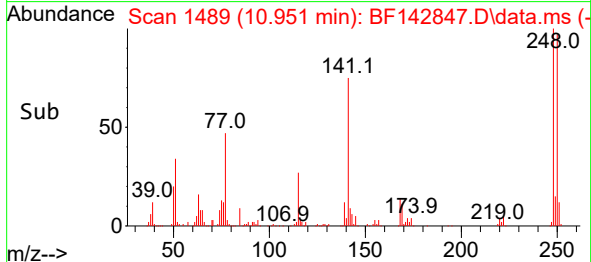
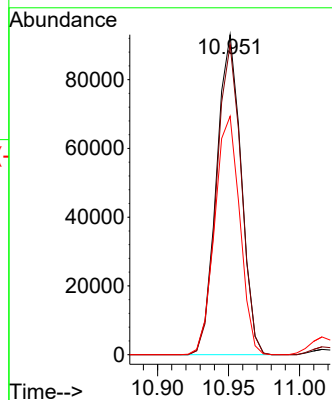
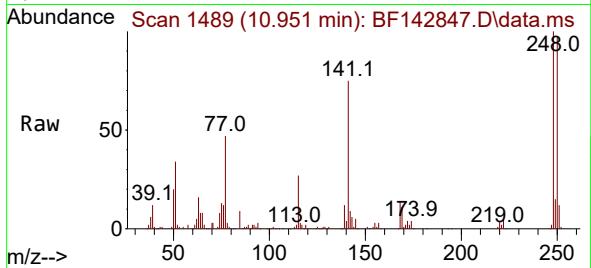




#67
4-Bromophenyl-phenylether
Concen: 52.157 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

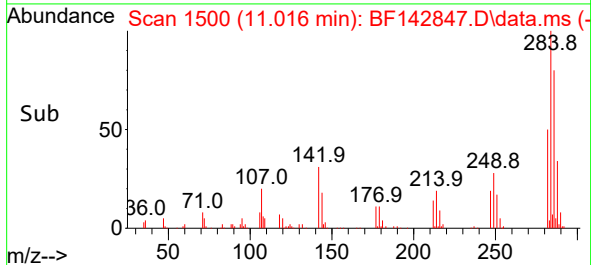
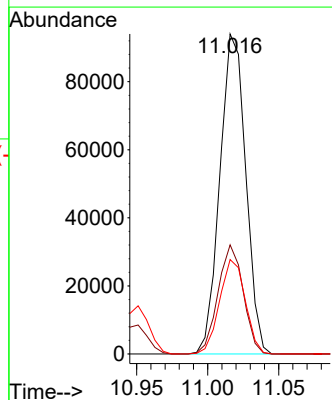
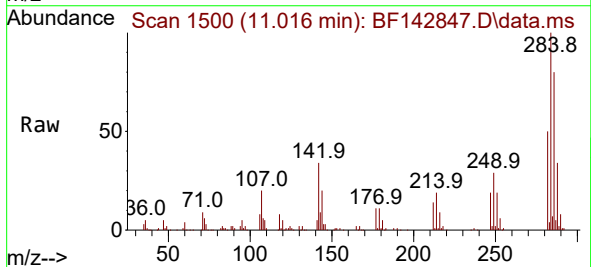
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

Tgt Ion:248 Resp: 112246
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 74.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 49.813 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:284 Resp: 119119
Ion Ratio Lower Upper
284 100
142 34.1 25.5 38.3
249 29.5 24.9 37.3





#69

Atrazine

Concen: 48.911 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

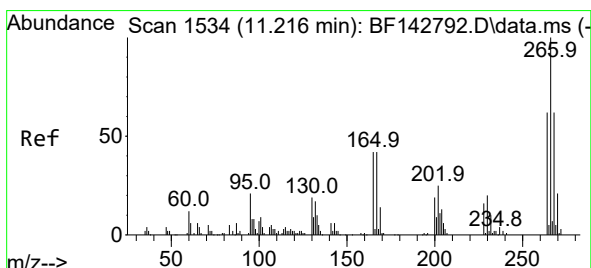
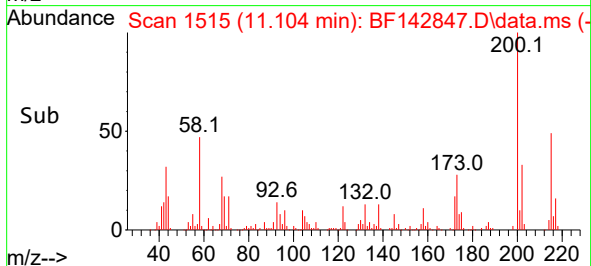
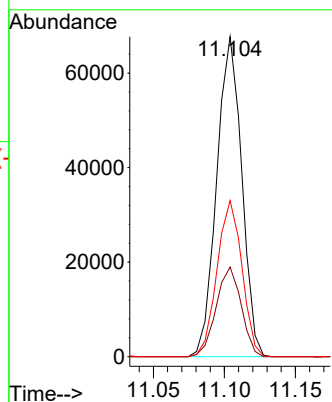
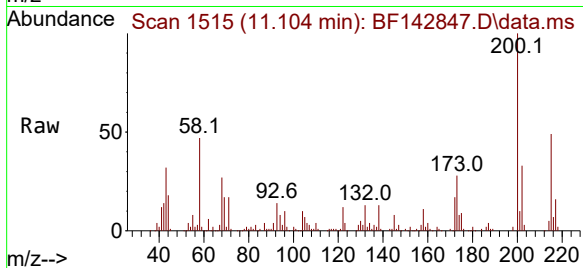
Tgt Ion:200 Resp: 82774

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 89.621 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

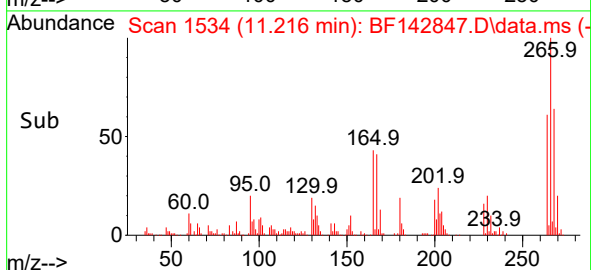
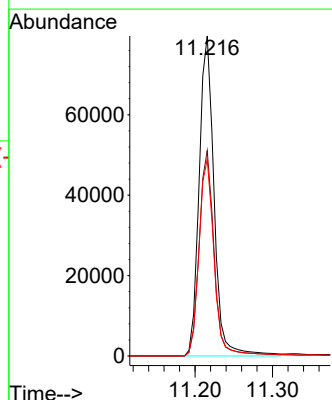
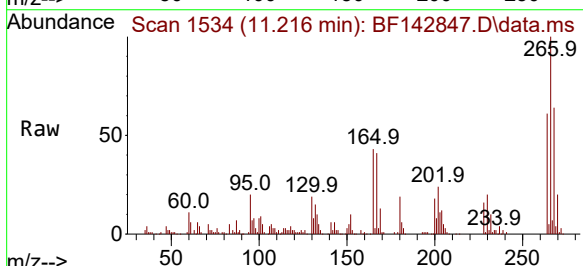
Tgt Ion:266 Resp: 106791

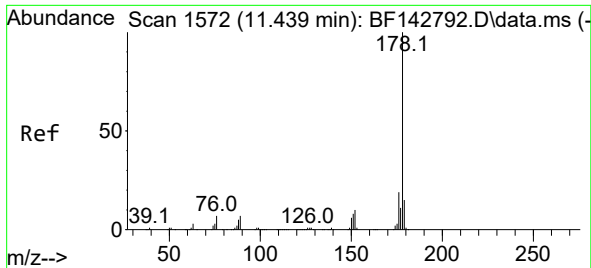
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 61.5 49.9 74.9

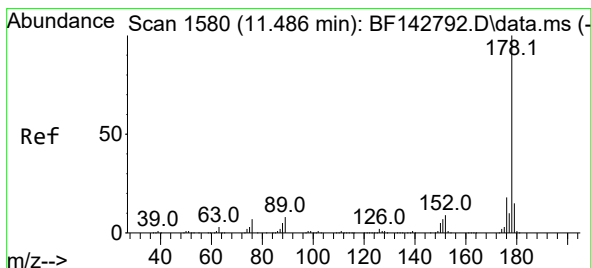
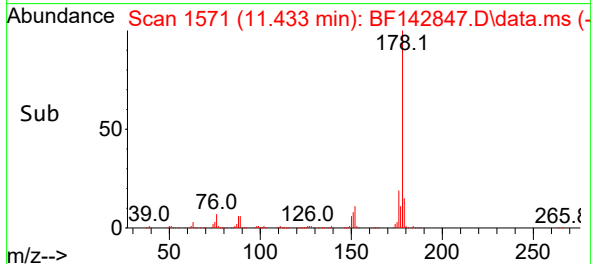
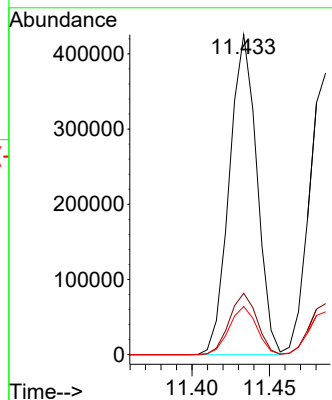
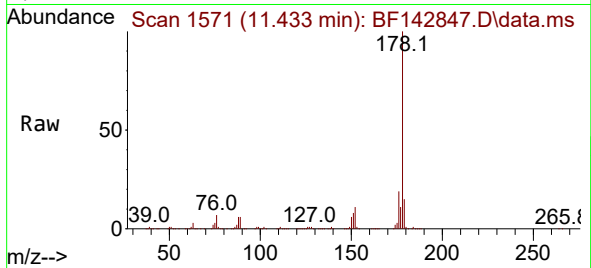




#71
Phenanthrene
Concen: 51.169 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

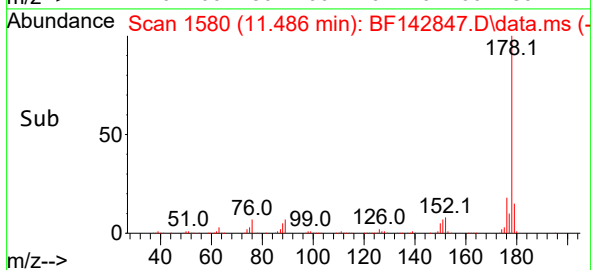
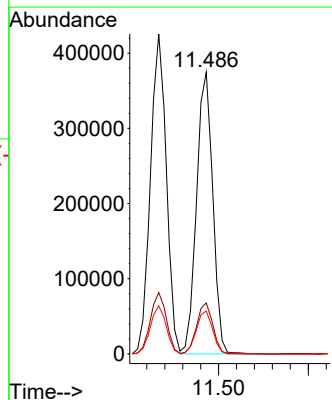
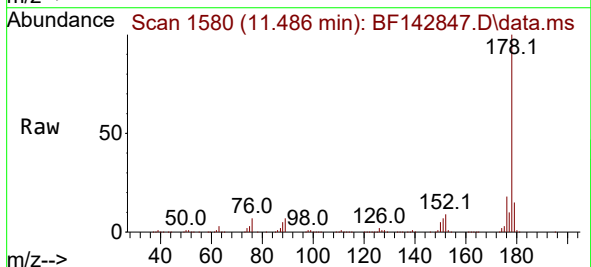
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

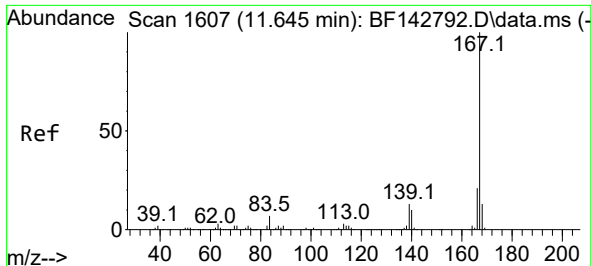
Tgt Ion:178 Resp: 524130
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 44.661 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:178 Resp: 469179
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.3 12.4 18.6

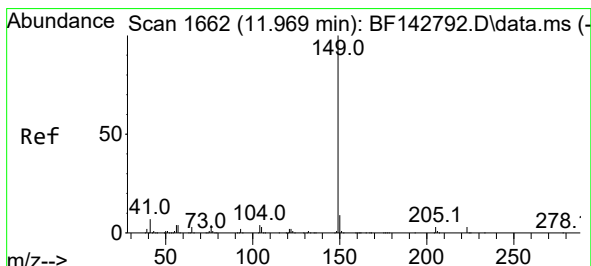
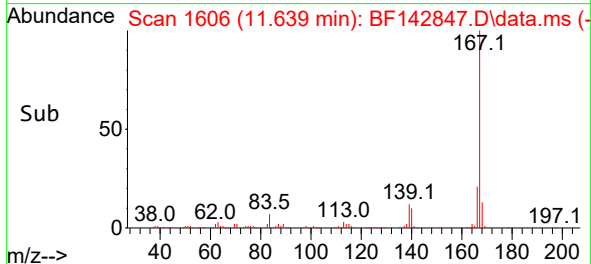
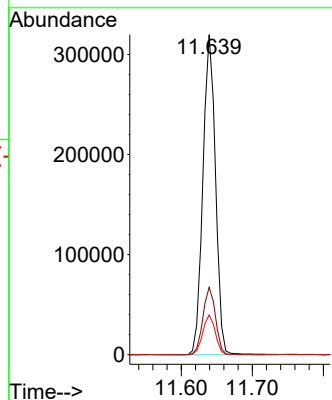
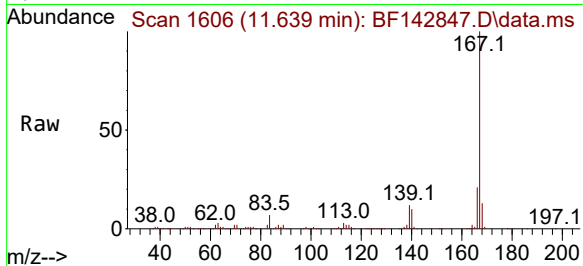




#73
Carbazole
Concen: 43.579 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

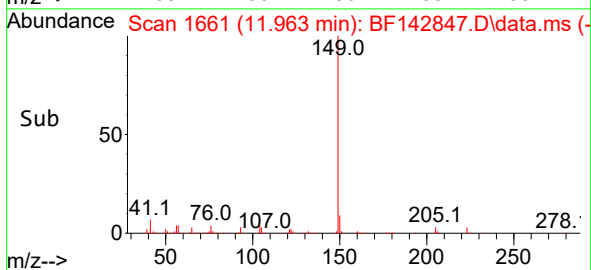
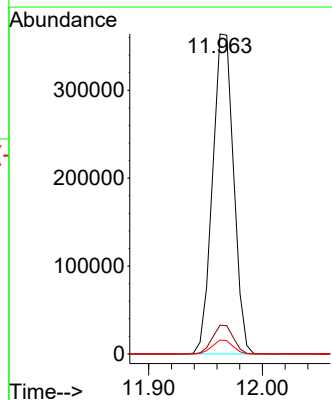
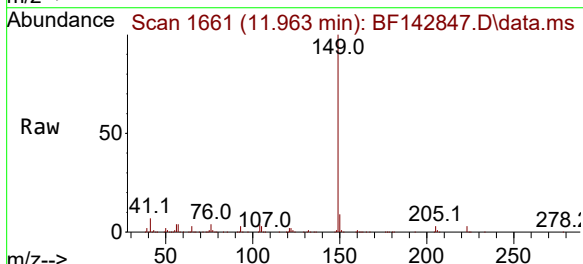
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

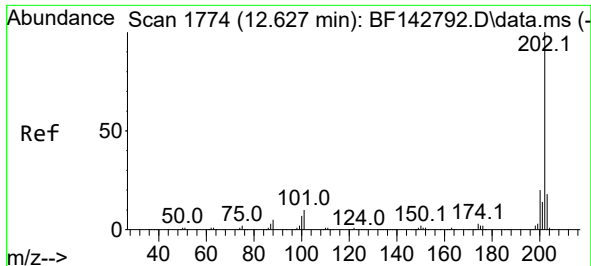
Tgt Ion:167 Resp: 395076
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.4 10.2 15.2



#74
Di-n-butylphthalate
Concen: 49.679 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:149 Resp: 469173
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.3 3.5 5.3

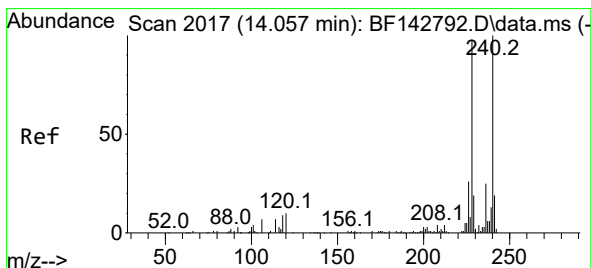
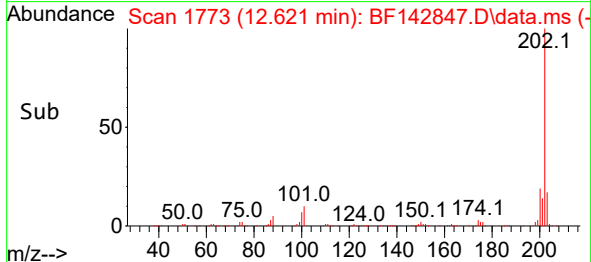
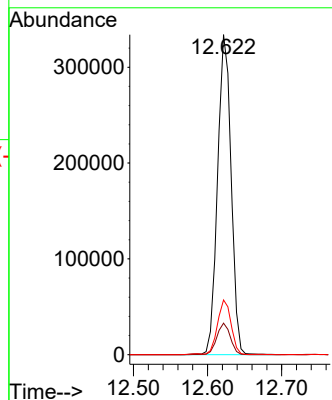
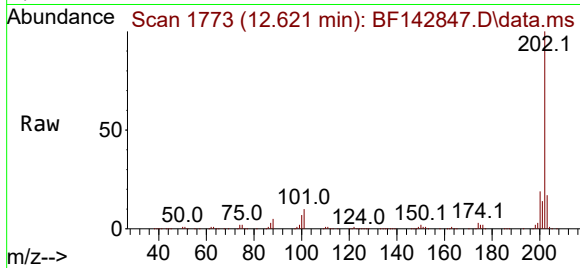




#75
Fluoranthene
Concen: 43.603 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

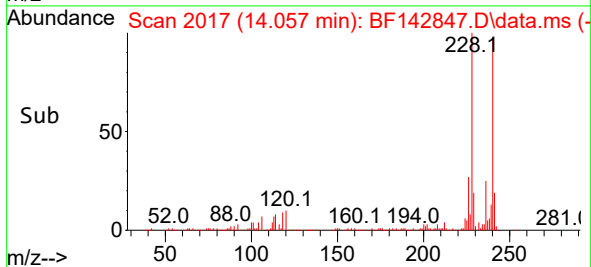
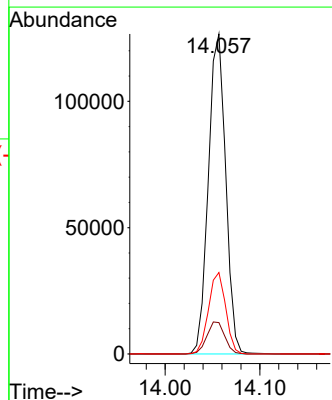
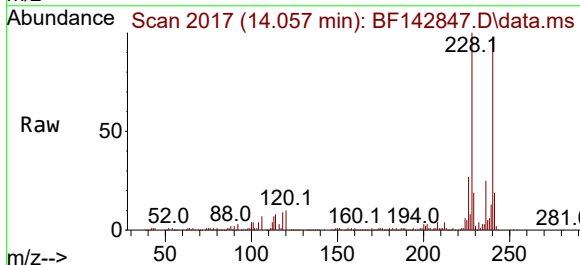
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

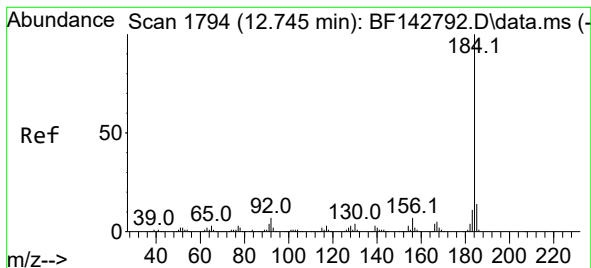
Tgt Ion:202 Resp: 423876
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:240 Resp: 160851
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 10.677 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

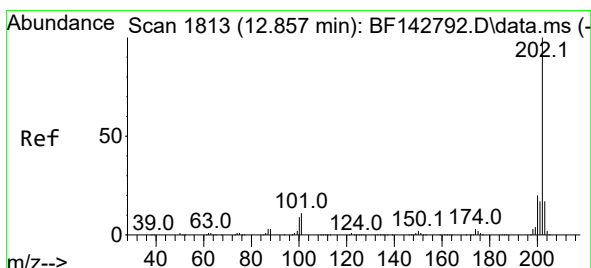
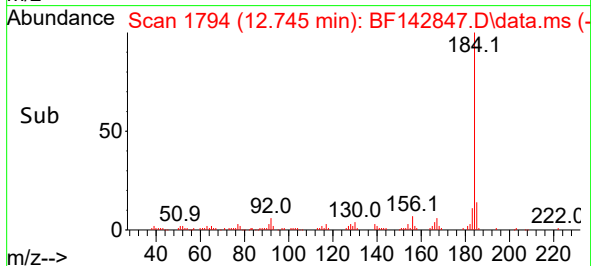
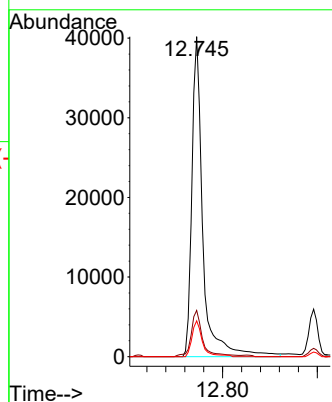
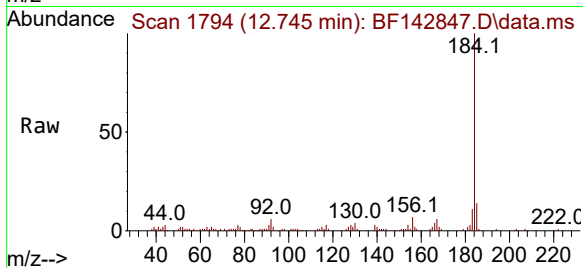
Tgt Ion:184 Resp: 64525

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 28.081 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

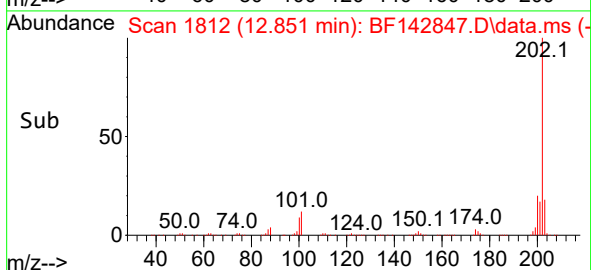
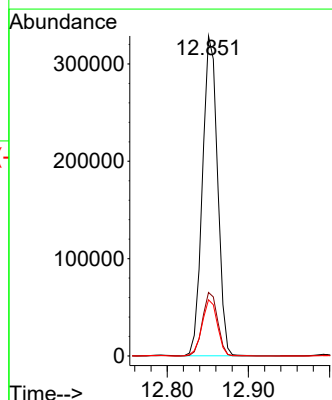
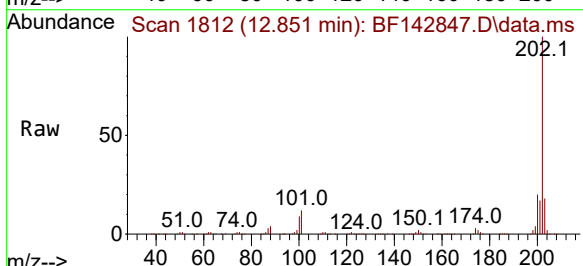
Tgt Ion:202 Resp: 423380

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.5 13.8 20.6

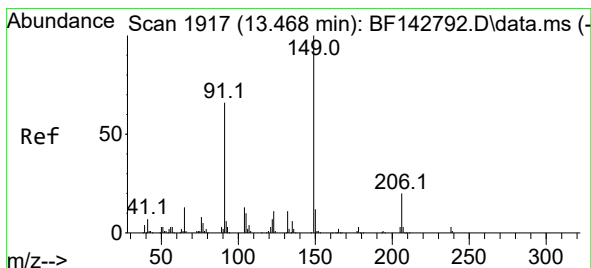
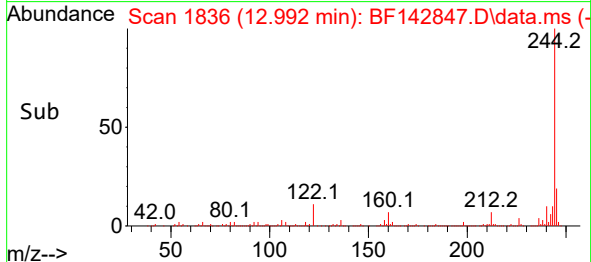
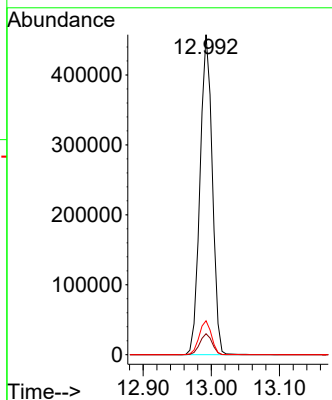
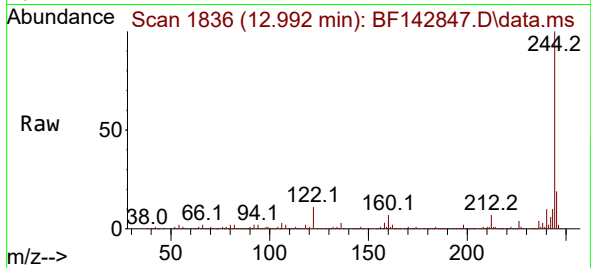




#79
 Terphenyl-d14
 Concen: 49.188 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142847.D
 Acq: 25 Jun 2025 20:07

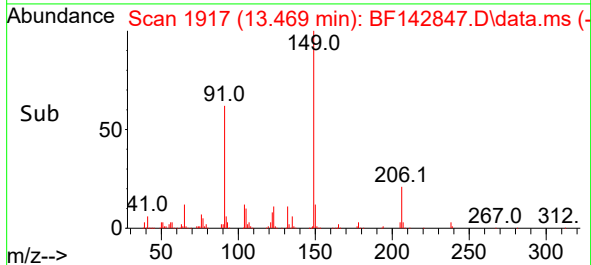
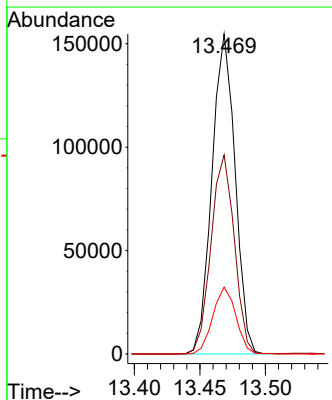
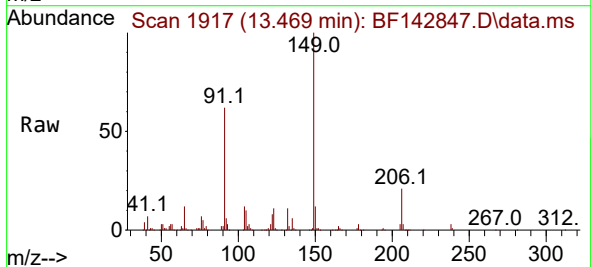
Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MSD

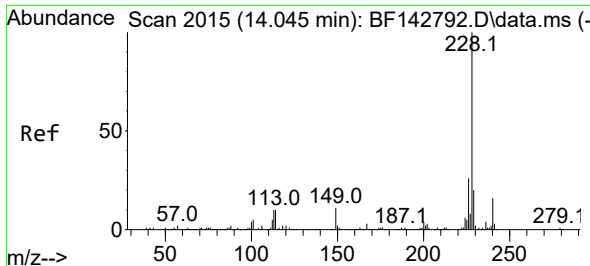
Tgt Ion:244 Resp: 572626
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.465 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142847.D
 Acq: 25 Jun 2025 20:07

Tgt Ion:149 Resp: 190094
 Ion Ratio Lower Upper
 149 100
 91 62.2 52.9 79.3
 206 20.9 16.3 24.5

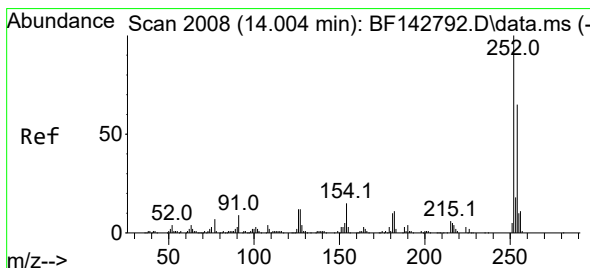
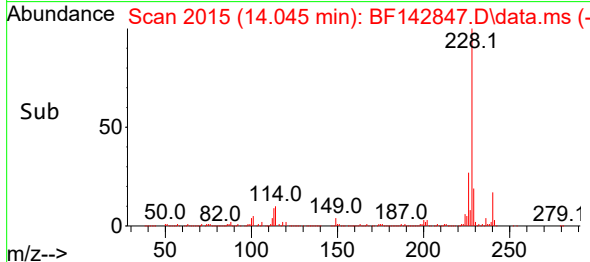
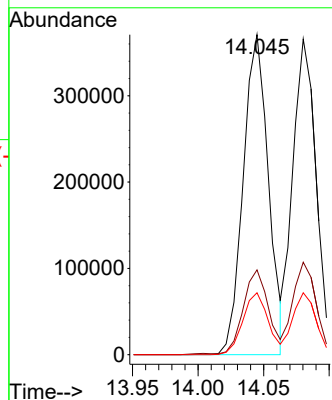
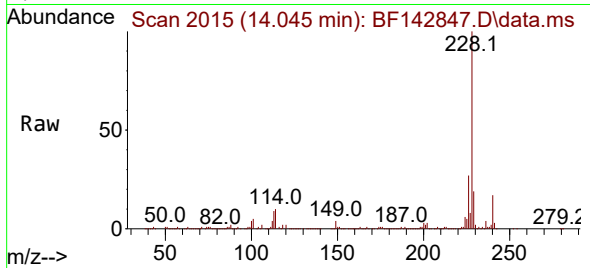




#81
Benzo(a)anthracene
Concen: 45.764 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

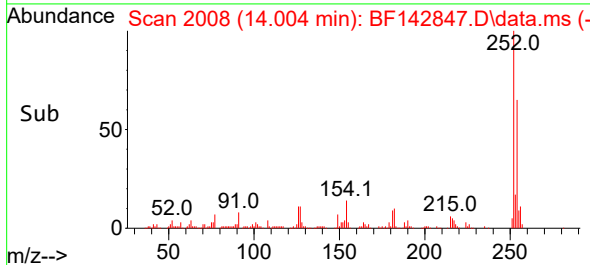
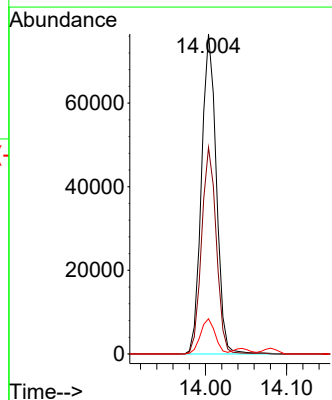
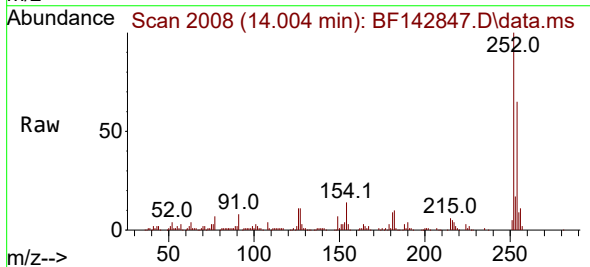
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BNA_F
ClientSampleId :
SU-1-062025MSD

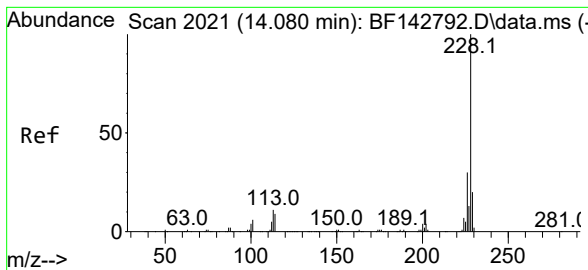
Tgt Ion:228 Resp: 496589
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 27.565 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:252 Resp: 97018
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 11.0 9.4 14.2





#83

Chrysene

Concen: 46.683 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

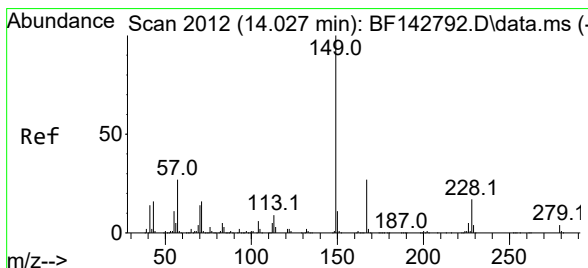
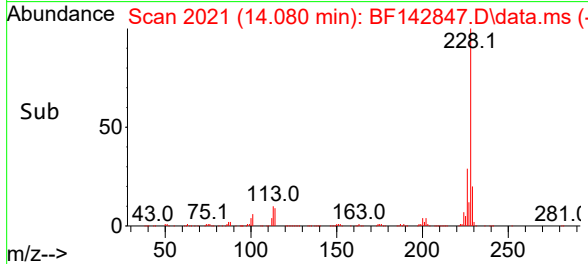
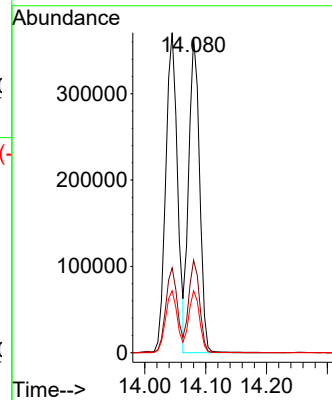
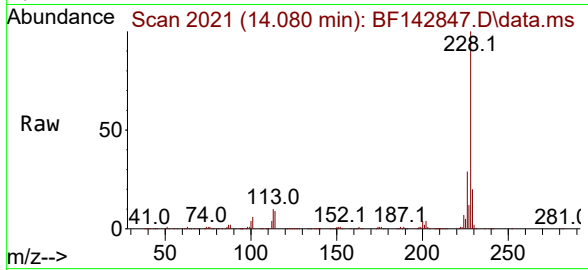
Tgt Ion:228 Resp: 452016

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.776 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

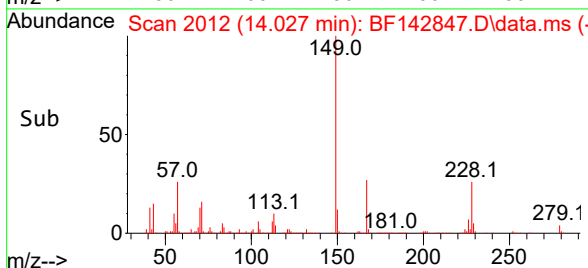
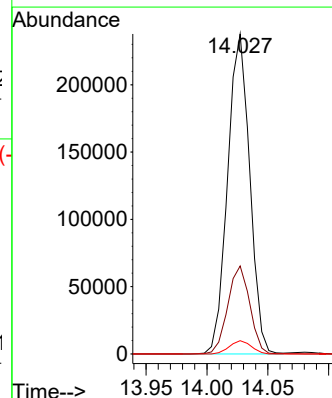
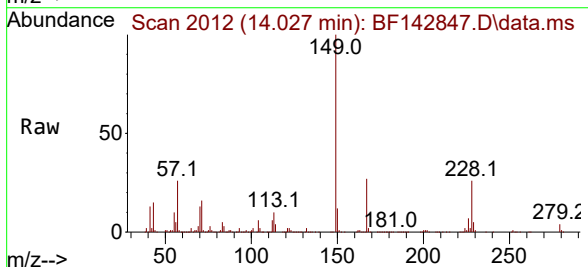
Tgt Ion:149 Resp: 300629

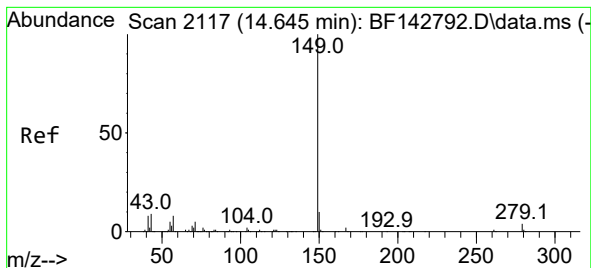
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.917 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

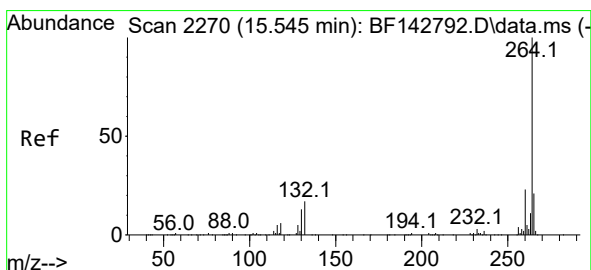
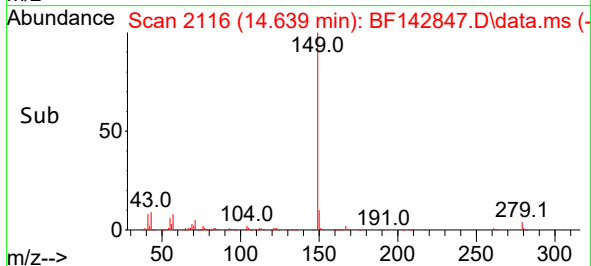
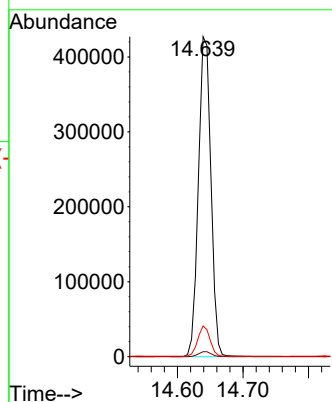
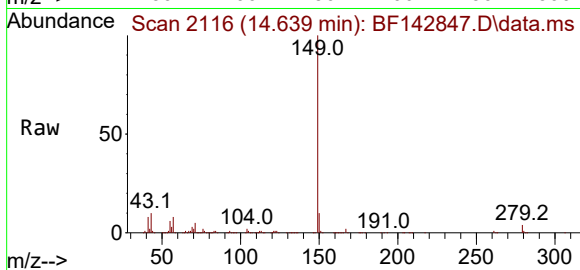
Tgt Ion:149 Resp: 568546

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 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: BF142847.D

Acq: 25 Jun 2025 20:07

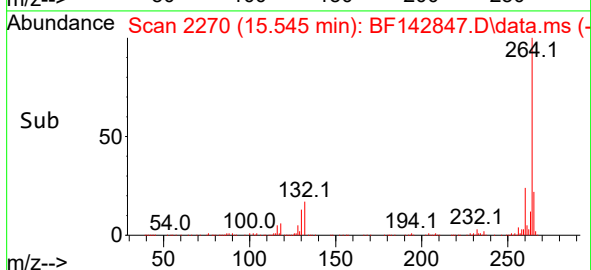
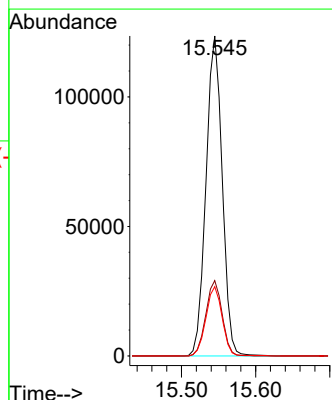
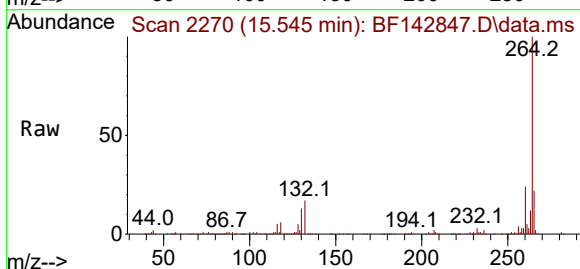
Tgt Ion:264 Resp: 187947

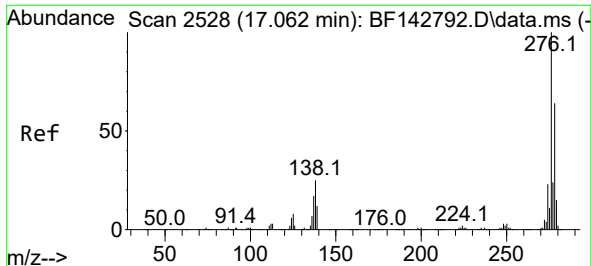
Ion Ratio Lower Upper

264 100

260 23.5 18.1 27.1

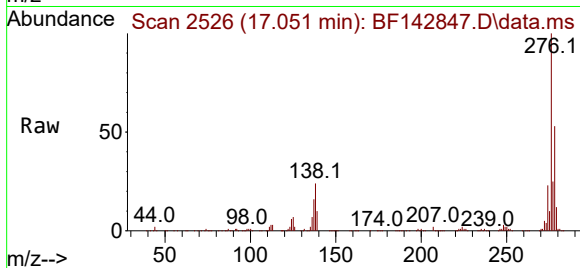
265 21.7 16.6 25.0



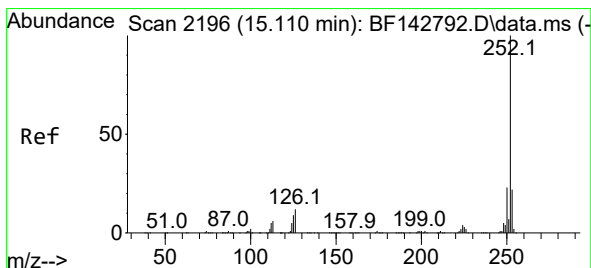
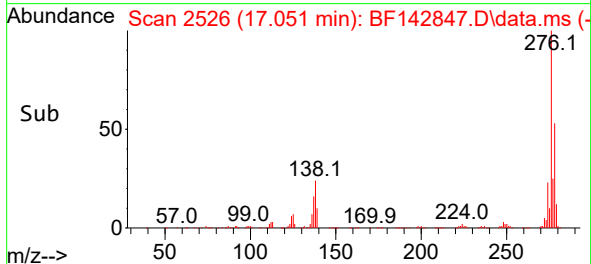
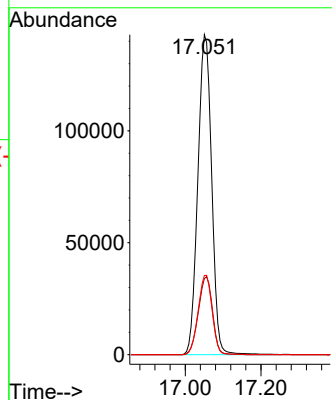


#87
Indeno(1,2,3-cd)pyrene
Concen: 25.319 ng
RT: 17.051 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD

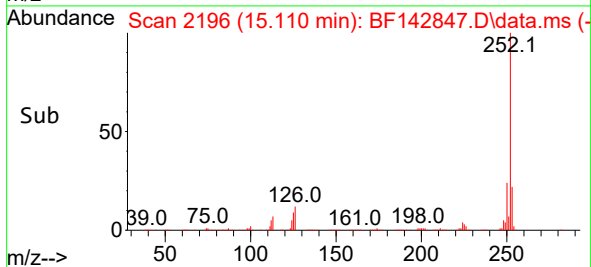
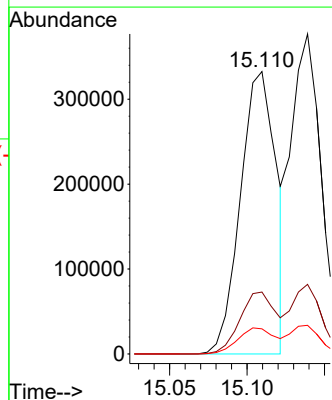
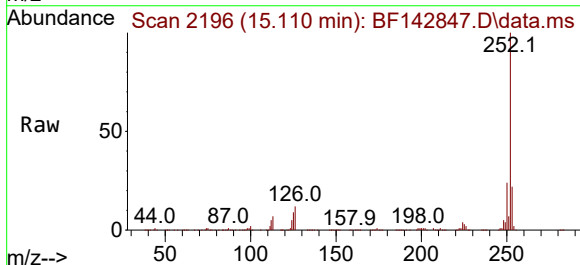


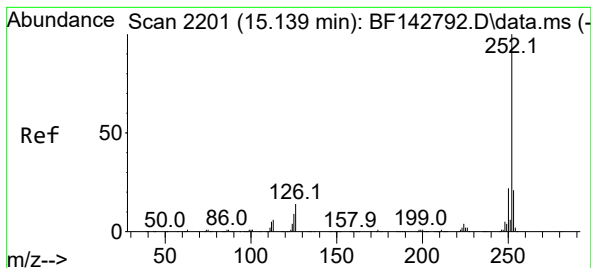
Tgt Ion:276 Resp: 362459
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.4
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 49.095 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:252 Resp: 533932
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.934 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MSD

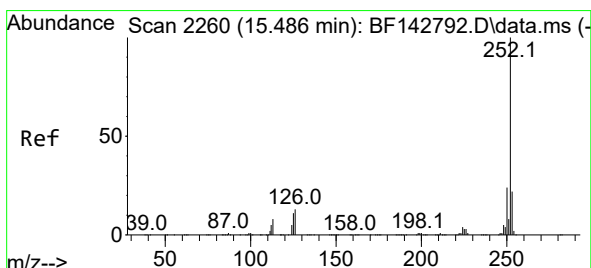
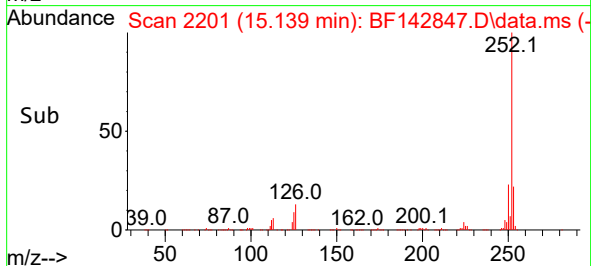
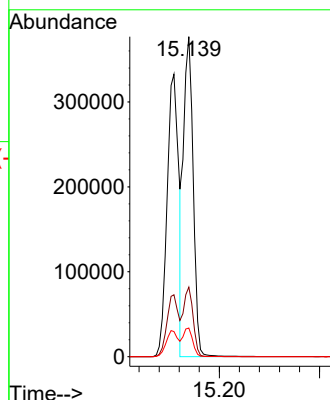
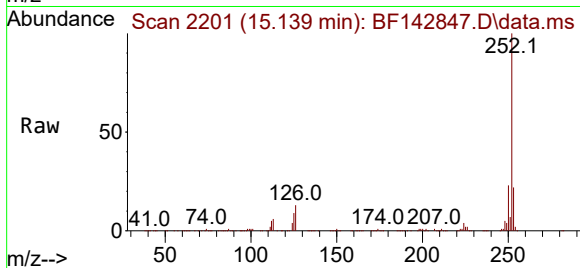
Tgt Ion:252 Resp: 508069

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.069 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142847.D

Acq: 25 Jun 2025 20:07

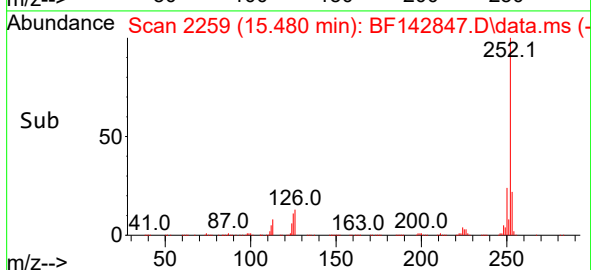
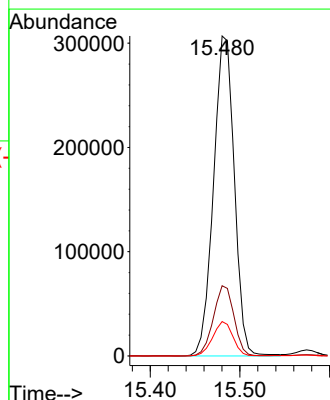
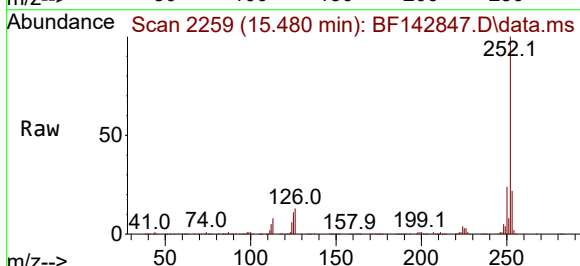
Tgt Ion:252 Resp: 494531

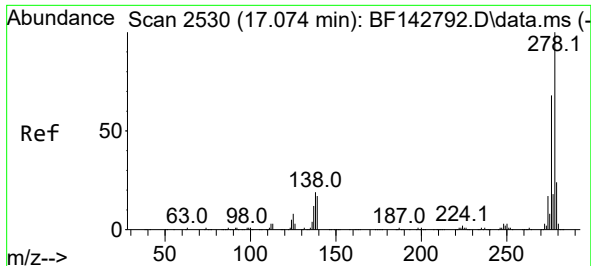
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

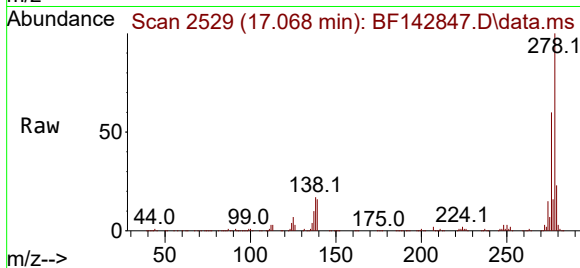
125 10.8 8.6 12.8



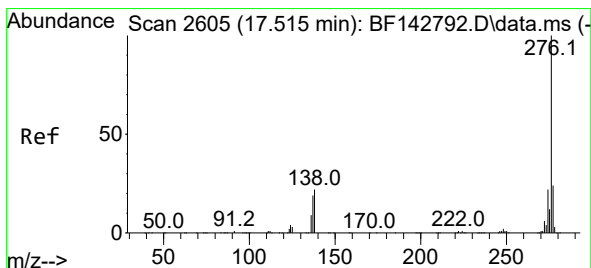
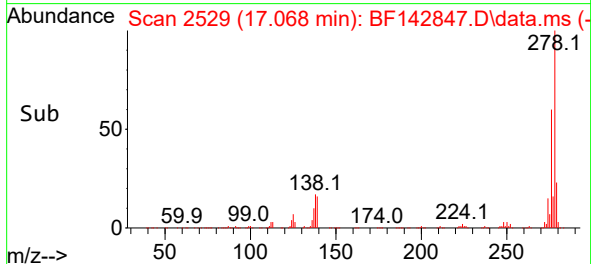
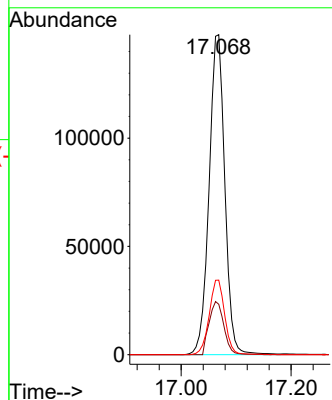


#91
Dibenzo(a,h)anthracene
Concen: 25.256 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MSD



Tgt Ion:278 Resp: 293769
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 22.240 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142847.D
Acq: 25 Jun 2025 20:07

Tgt Ion:276 Resp: 257953
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.0 17.6 26.4

